

# **APPENDIX A**

*Field Noise Measurement Notes and Photos*



## FIELD NOISE MEASUREMENT DATA

|              |                                      |             |                       |
|--------------|--------------------------------------|-------------|-----------------------|
| PROJECT      | <u>Proctor Valley</u>                | PROJECT #   | <u>8207</u>           |
| SITE ID      | <u>M1</u>                            | OBSERVER(S) | <u>Stephanie Tang</u> |
| SITE ADDRESS | <u>32.6733306563, -116.921767152</u> |             |                       |
| START DATE   | <u>5/6/15</u>                        | END DATE    | <u>5/6/15</u>         |
| START TIME   | <u>354pm</u>                         | END TIME    | <u>414pm</u>          |

## METEOROLOGICAL CONDITIONS

TEMP 73.6 F HUMIDITY 53.8 % R.H. WIND CALM LIGHT MODERATE  
 WINDSPD 1.7 MPH DIR N NE S SE S SW W NW VARIABLE STEADY GUSTY  
 SKY SUNNY CLEAR OVERCAST PARTLY CLDY FOG RAIN

## ACOUSTIC MEASUREMENTS

MEAS. INSTRUMENT Rion NL-32 TYPE 1 2 SERIAL # 01030561  
 CALIBRATOR Rion NC-74 SERIAL # 35125809  
 CALIBRATION CHECK PRE-TEST 94.0 dBA SPL POST-TEST 94.0 dBA SPL WINDSCRN ✓

## SETTINGS

A-WTDSLOW

FAST

FRONTAL

RANDOM

ANSI

OTHER:

REC. # BEGIN END Leq Lmax Lmin L90 L50 L10 OTHER (SPECIFY METRIC)

354pm414pm49.168.027.733.842.552.5

## COMMENTS

## SOURCE INFO AND TRAFFIC COUNTS

## PRIMARY NOISE SOURCE

ROADWAY TYPE: Proctor Valley Rd

TRAFFIC

AIRCRAFT

RAIL

INDUSTRIAL

OTHER:

DIST. TO RDWY C/L OR EOP: ~60' from Proctor Valley RdTRAFFIC COUNT DURATION: 20 MIN SPEEDCOUNT 1  
(OR RDWY 1)DIRECTION NB/EBSB/WB

NB/EB

SB/WB

IF COUNTING  
BOTH  
DIRECTIONS  
AS ONE,  
CHECK HERECOUNT 2  
(OR RDWY 2)

NB/EB

SB/WB

NB/EB

SB/WB

AUTOS 21MED TRKS 20HVY TRKS 00BUSES 00MOTRCLS 00

SPEEDS ESTIMATED BY: RADAR / DRIVING THE PACE

POSTED SPEED LIMIT SIGNS SAY: 20mphOTHER NOISE SOURCES (BACKGROUND): DIST. AIRCRAFT FUZZLING LEAVES DIST. BARKING DOGS BIRDS DIST. INDUSTRIAL

DIST. KIDS PLAYING DIST. CONVRSTNS / YELLING DIST. TRAFFIC (LIST RDWYS BELOW) DISTD GARDENERS/LANDSCAPING NOISE

OTHER:

## DESCRIPTION / SKETCH

TERRAIN HARD SOFT MIXED FLAT OTHER: Dirt AreaPHOTOS See Attached

OTHER COMMENTS / SKETCH

Res.  
Comm.Open  
Space

Proctor Valley Rd

Open  
Space

\* Noise Measurement Location



M1 - Approx. Loc. 32.67333 06563, -116.921767152  
Taken: May 6, 2015

# FIELD NOISE MEASUREMENT DATA

DUDEK

|              |                                     |             |                       |
|--------------|-------------------------------------|-------------|-----------------------|
| PROJECT      | <u>Proctor Valley</u>               | PROJECT #   | <u>8207</u>           |
| SITE ID      | <u>M2</u>                           | OBSERVER(S) | <u>Stephanie Tang</u> |
| SITE ADDRESS | <u>32.683391426, -116.911976849</u> |             |                       |
| START DATE   | <u>5/6/15</u>                       | END DATE    | <u>5/6/15</u>         |
| START TIME   | <u>3:11pm</u>                       | END TIME    | <u>3:31pm</u>         |

|                           |                                                          |                               |                                                                         |
|---------------------------|----------------------------------------------------------|-------------------------------|-------------------------------------------------------------------------|
| METEOROLOGICAL CONDITIONS |                                                          |                               |                                                                         |
| TEMP                      | <u>70.2</u> F                                            | HUMIDITY                      | <u>40.8</u> % R.H.                                                      |
| WINDSPD                   | <u>2.4</u> MPH                                           | DIR.                          | <u>N NE S (SE) S SW W NW</u>                                            |
| SKY                       | <u>SUNNY CLEAR</u>                                       | WIND                          | <u>CALM</u> <u>LIGHT</u> MODERATE                                       |
|                           |                                                          |                               | VARIABLE STEADY GUSTY                                                   |
| ACOUSTIC MEASUREMENTS     |                                                          |                               |                                                                         |
| MEAS. INSTRUMENT          | <u>Rion NL-32</u>                                        | TYPE                          | <u>1</u> <u>2</u>                                                       |
| CALIBRATOR                | <u>Rion NC-74</u>                                        | SERIAL #                      | <u>01030561</u>                                                         |
| CALIBRATION CHECK         | PRE-TEST <u>94.0</u> dBA SPL                             | POST-TEST <u>94.0</u> dBA SPL | SERIAL # <u>35/25809</u>                                                |
|                           |                                                          |                               | WINDSCRN <u>✓</u>                                                       |
| SETTINGS                  | <u>A-WTD</u> <u>SLOW</u> FAST FRONTAL RANDOM ANSI OTHER: |                               |                                                                         |
| REC. #                    | BEGIN                                                    | END                           | Leq Lmax Lmin L90 L50 L10 OTHER (SPECIFY METRIC)                        |
|                           | <u>3:11pm</u>                                            | <u>3:31pm</u>                 | <u>50.7</u> <u>69.5</u> <u>24.8</u> <u>30.7</u> <u>40.0</u> <u>55.5</u> |
| COMMENTS                  |                                                          |                               |                                                                         |

|                                                                               |           |                                                |            |
|-------------------------------------------------------------------------------|-----------|------------------------------------------------|------------|
| SOURCE INFO AND TRAFFIC COUNTS                                                |           |                                                |            |
| PRIMARY NOISE SOURCE                                                          |           | TRAFFIC                                        | AIRCRAFT   |
| ROADWAY TYPE: <u>Proctor Valley Rd</u>                                        |           | RAIL                                           | INDUSTRIAL |
| DIST. TO RDWY C/L OR EOP:                                                     |           | OTHER: <u>~ 50' from Proctor Valley Rd</u>     |            |
| TRAFFIC COUNT DURATION: <u>20</u> MIN                                         |           | SPEED                                          |            |
| COUNT 1 (OR RDWY 1)                                                           | DIRECTION | NB/EB                                          | SB/WB      |
|                                                                               | AUTOS     | <u>2</u>                                       | <u>0</u>   |
|                                                                               | MED TRKS  | <u>0</u>                                       | <u>0</u>   |
|                                                                               | HVY TRKS  | <u>0</u>                                       | <u>0</u>   |
|                                                                               | BUSES     | <u>0</u>                                       | <u>0</u>   |
|                                                                               | MOTRCLS   | <u>0</u>                                       | <u>0</u>   |
| SPEEDS ESTIMATED BY: RADAR / DRIVING THE PACE                                 |           | IF COUNTING BOTH DIRECTIONS AS ONE, CHECK HERE |            |
| POSTED SPEED LIMIT SIGNS SAY: <u>20mph</u>                                    |           | COUNT 2 (OR RDWY 2)                            | NB/EB      |
| OTHER NOISE SOURCES (BACKGROUND):                                             |           | MIN SPEED                                      |            |
| <u>DIST. AIRCRAFT</u> <u>RUSTLING LEAVES</u>                                  |           | MIN SPEED                                      |            |
| DIST. BARKING DOGS BIRDS DIST. INDUSTRIAL                                     |           | MIN SPEED                                      |            |
| DIST. KIDS PLAYING DIST. CONVRSTNS / YELLING DIST. TRAFFIC (LIST RDWYS BELOW) |           | MIN SPEED                                      |            |
| DISTD GARDENERS/LANDSCAPING NOISE                                             |           | MIN SPEED                                      |            |
| OTHER:                                                                        |           | MIN SPEED                                      |            |

|                         |                                                     |
|-------------------------|-----------------------------------------------------|
| DESCRIPTION / SKETCH    |                                                     |
| TERRAIN                 | <u>HARD</u> SOFT MIXED FLAT OTHER: <u>Dirt Area</u> |
| PHOTOS                  | <u>See Attached</u>                                 |
| OTHER COMMENTS / SKETCH |                                                     |
|                         |                                                     |



M2 - Approx. Loc. 32.683391426, -116.911976849  
Taken: May 6, 2015

## FIELD NOISE MEASUREMENT DATA

|              |                               |             |                |
|--------------|-------------------------------|-------------|----------------|
| PROJECT      | Proctor Valley                | PROJECT #   | 8207           |
| SITE ID      | M3                            | OBSERVER(S) | Stephanie Tang |
| SITE ADDRESS | 32.6920543338, -116.903668713 |             |                |
| START DATE   | 5/6/15                        | END DATE    | 5/6/15         |
| START TIME   | 235pm                         | END TIME    | 255pm          |

## METEOROLOGICAL CONDITIONS

TEMP 81.6 F HUMIDITY 52.7 % R.H. WIND CALM (LIGHT) MODERATE  
 WINDSPD 1.6 MPH DIR. N NE S (SE) S SW W NW VARIABLE STEADY GUSTY  
 SKY (SUNNY) CLEAR OVRCAST (PRTLY CLDY) FOG RAIN

## ACOUSTIC MEASUREMENTS

MEAS. INSTRUMENT Rion NL-32 TYPE 1 2 SERIAL # 01030561  
 CALIBRATOR Rion NC-74 SERIAL # 35125809  
 CALIBRATION CHECK PRE-TEST 94.0 dBA SPL POST-TEST 94.0 dBA SPL WINDSCRN ✓

## SETTINGS

(A-WTD)(SLOW)

FAST

FRONTAL

RANDOM

ANSI

OTHER:

REC. # BEGIN END Leq Lmax Lmip L90 L50 L10 OTHER (SPECIFY METRIC)

|  |       |       |      |      |      |      |      |      |  |
|--|-------|-------|------|------|------|------|------|------|--|
|  | 235pm | 255pm | 50.7 | 67.6 | 23.6 | 28.2 | 37.6 | 54.1 |  |
|  |       |       |      |      |      |      |      |      |  |
|  |       |       |      |      |      |      |      |      |  |
|  |       |       |      |      |      |      |      |      |  |
|  |       |       |      |      |      |      |      |      |  |

## COMMENTS

## SOURCE INFO AND TRAFFIC COUNTS

PRIMARY NOISE SOURCE TRAFFIC (AIRCRAFT) RAIL INDUSTRIAL OTHER:  
 ROADWAY TYPE: Proctor Valley Rd DIST. TO RDWY C/L OR EOP: ~165' from Proctor Valley Rd  
 TRAFFIC COUNT DURATION: 20 MIN SPEED MIN SPEED  

| COUNT 1<br>(OR RDWY 1) | DIRECTION | NB/EB |       | SB/WB |       | IF COUNTING BOTH DIRECTIONS AS ONE, CHECK HERE | COUNT 2<br>(OR RDWY 2) | NB/EB |       | SB/WB |  |
|------------------------|-----------|-------|-------|-------|-------|------------------------------------------------|------------------------|-------|-------|-------|--|
|                        |           | NB/EB | SB/WB | NB/EB | SB/WB |                                                |                        | NB/EB | SB/WB |       |  |
| AUTOS                  |           | 1     | 0     | 0     | 0     |                                                |                        |       |       |       |  |
| MED TRKS               |           | 1     | 0     | 0     | 0     |                                                |                        |       |       |       |  |
| HVY TRKS               |           | 0     | 0     | 0     | 0     |                                                |                        |       |       |       |  |
| BUSES                  |           | 0     | 0     | 0     | 0     |                                                |                        |       |       |       |  |
| MOTRCLS                |           | 0     | 0     | 0     | 0     |                                                |                        |       |       |       |  |

SPEEDS ESTIMATED BY: RADAR / DRIVING THE PACE

POSTED SPEED LIMIT SIGNS SAY: 20mph

OTHER NOISE SOURCES (BACKGROUND): (DIST. AIRCRAFT) RUSTLING LEAVES DIST. BARKING DOGS (BIRDS) DIST. INDUSTRIAL  
 DIST. KIDS PLAYING DIST. CONVRSTNS / YELLING DIST. TRAFFIC (LIST RDWYS BELOW) DISTD GARDENERS/LANDSCAPING NOISE  
 OTHER:

## DESCRIPTION / SKETCH

TERRAIN (HARD) SOFT MIXED FLAT OTHER: Dirt area of hillsidePHOTOS See Attached

OTHER COMMENTS / SKETCH



Hillside

Proctor Valley Rd

\* Hillside

\* Noise Measurement Location



M3 - Approx. Loc.: 32.6920543338, -116.903668713  
Taken: May 6, 2015

## FIELD NOISE MEASUREMENT DATA

|              |                                         |          |             |                |
|--------------|-----------------------------------------|----------|-------------|----------------|
| PROJECT      | Proctor Valley                          |          | PROJECT #   | 8207           |
| SITE ID      | M4                                      |          | OBSERVER(S) | Stephanie Tang |
| SITE ADDRESS | 790 Lake House Pl Chula Vista, CA 91914 |          |             |                |
| START DATE   | 5/6/15                                  | END DATE | 5/6/15      |                |
| START TIME   | 4:35pm                                  | END TIME | 4:55pm      |                |

## METEOROLOGICAL CONDITIONS

TEMP 76.6 F HUMIDITY 46.0 % R.H. WIND CALM LIGHT MODERATE  
 WINDSPD 2.1 MPH DIR. N NE S SE S SW W NW VARIABLE STEADY GUSTY  
 SKY SUNNY CLEAR OVERCAST PRTLY CLDY FOG RAIN

## ACOUSTIC MEASUREMENTS

MEAS. INSTRUMENT Rion NL-32 TYPE 1 2 SERIAL # 01030561  
 CALIBRATOR Rion NC-74 SERIAL # 35125809  
 CALIBRATION CHECK PRE-TEST 94.0 dBA SPL POST-TEST 94.0 dBA SPL WINDSCRN ✓

## SETTINGS

A-WTDSLOW

FAST

FRONTAL

RANDOM

ANSI

OTHER:

REC. # BEGIN END Leq Lmax Lmin L90 L50 L10 OTHER (SPECIFY METRIC)

4:35pm4:55pm47.362.235.237.541.850.9

## COMMENTS

## SOURCE INFO AND TRAFFIC COUNTS

## PRIMARY NOISE SOURCE

ROADWAY TYPE: Proctor Valley Rd

## TRAFFIC

## AIRCRAFT

## RAIL

## INDUSTRIAL

## OTHER:

~275' from Proctor Valley RdTRAFFIC COUNT DURATION: 20 MIN

SPEED

COUNT 1  
(OR RDWY 1)

DIRECTION

NB/EB

SB/WB

NB/EB

SB/WB

IF COUNTING  
BOTH  
DIRECTIONS  
AS ONE,  
CHECK HERECOUNT 2  
(OR RDWY 2)

NB/EB

SB/WB

NB/EB

SB/WB

AUTOS

3329

MED TRKS

00

HVV TRKS

00

BUSES

00

MOTRCLS

00

SPEEDS ESTIMATED BY: RADAR / DRIVING THE PACE

POSTED SPEED LIMIT SIGNS SAY: 45mphOTHER NOISE SOURCES (BACKGROUND): DIST. AIRCRAFT RUSTLING LEAVES DIST. BARKING DOGS BIRDS DIST. INDUSTRIALDIST. KIDS PLAYING DIST. CONVRSTNS / YELLING DIST. TRAFFIC (LIST RDWYS BELOW) DISTD GARDENERS/LANDSCAPING NOISEOTHER: Door Slam

## DESCRIPTION / SKETCH

TERRAIN HARD SOFT MIXED FLAT OTHER: WalkwayPHOTOS See Attached

OTHER COMMENTS / SKETCH

6' half block  
half glass  
walkProctor Valley Rd  
Agua Vista Dr.X Noise Measurement LocationElevated from Proctor Valley Rd.



M4-790 Lake House Pl Chula Vista, CA 91914  
Taken: May 6, 2015

## FIELD NOISE MEASUREMENT DATA

|              |                                         |          |             |                |
|--------------|-----------------------------------------|----------|-------------|----------------|
| PROJECT      | Proctor Valley                          |          | PROJECT #   | 8207           |
| SITE ID      | M5                                      |          |             |                |
| SITE ADDRESS | Pedestrian Walkway NE of 606 San Marino |          | OBSERVER(S) | Stephanie Tang |
| START DATE   | Place Chula Vista                       | END DATE | 9/19/14     |                |
| START TIME   | 5/6/13                                  | END TIME | 5/6/13      |                |
|              | 547pm                                   |          | 607pm       |                |

|                           |             |              |                        |              |
|---------------------------|-------------|--------------|------------------------|--------------|
| METEOROLOGICAL CONDITIONS |             |              |                        |              |
| TEMP                      | 62.2 F      | HUMIDITY     | 66.4 % R.H.            | WIND         |
| WINDSPD                   | 1.1 MPH     | DIR.         | N NE S SE S SW W NW    | CALM         |
| SKY                       | SUNNY CLEAR | OVRCAST      | PRTLY CLDY             | MODERATE     |
|                           |             |              | FOG                    | GUSTY        |
| ACOUSTIC MEASUREMENTS     |             |              |                        |              |
| MEAS. INSTRUMENT          | Rion NL-32  |              | TYPE                   | 1 2          |
| CALIBRATOR                | Rion NC-74  |              |                        |              |
| CALIBRATION CHECK         | PRE-TEST    | 94.0 dBA SPL | POST-TEST              | 94.0 dBA SPL |
|                           |             |              | WINDSCRN               | ✓            |
| SETTINGS                  | A-WTD       | SLOW         | FAST                   | FRONTAL      |
|                           |             |              | RANDOM                 | ANSI         |
|                           |             |              | OTHER:                 |              |
| REC. #                    | BEGIN       | END          | Leq                    | Lmax         |
|                           | 547pm       | 607pm        | 66.4                   | 72.7         |
|                           |             |              | Lmin                   | L90          |
|                           |             |              | 43.9                   | 54.7         |
|                           |             |              | L50                    | L10          |
|                           |             |              | 64.6                   | 70.3         |
|                           |             |              | OTHER (SPECIFY METRIC) |              |
| COMMENTS                  |             |              |                        |              |

|                                               |           |       |       |       |                                                      |                        |       |       |       |       |
|-----------------------------------------------|-----------|-------|-------|-------|------------------------------------------------------|------------------------|-------|-------|-------|-------|
| SOURCE INFO AND TRAFFIC COUNTS                |           |       |       |       |                                                      |                        |       |       |       |       |
| PRIMARY NOISE SOURCE                          |           |       |       |       | OTHER:                                               |                        |       |       |       |       |
| ROADWAY TYPE: Proctor Valley Rd               |           |       |       |       | DIST. TO RDWY C/L OR EOP: ~138' to Proctor Valley Rd |                        |       |       |       |       |
| TRAFFIC COUNT DURATION: 20 MIN                |           |       |       |       | SPEED                                                |                        |       |       |       |       |
| COUNT 1<br>(OR RDWY 1)                        | DIRECTION | NB/EB | SB/WB | NB/EB | SB/WB                                                | COUNT 2<br>(OR RDWY 2) | NB/EB | SB/WB | NB/EB | SB/WB |
|                                               | AUTOS     | 304   | 202   |       |                                                      |                        |       |       |       |       |
|                                               | MED TRKS  | 11    | 0     |       |                                                      |                        |       |       |       |       |
|                                               | HVY TRKS  | 0     | 0     |       |                                                      |                        |       |       |       |       |
|                                               | BUSES     | 1     | 1     |       |                                                      |                        |       |       |       |       |
|                                               | MOTRCLS   | 1     | 0     |       |                                                      |                        |       |       |       |       |
| SPEEDS ESTIMATED BY: RADAR / DRIVING THE PACE |           |       |       |       |                                                      |                        |       |       |       |       |
| POSTED SPEED LIMIT SIGNS SAY: 45mph           |           |       |       |       |                                                      |                        |       |       |       |       |
| OTHER NOISE SOURCES (BACKGROUND):             |           |       |       |       |                                                      |                        |       |       |       |       |
| DIST. AIRCRAFT                                |           |       |       |       |                                                      |                        |       |       |       |       |
| RUSTLING LEAVES                               |           |       |       |       |                                                      |                        |       |       |       |       |
| DIST. BARKING DOGS                            |           |       |       |       |                                                      |                        |       |       |       |       |
| BIRDS                                         |           |       |       |       |                                                      |                        |       |       |       |       |
| DIST. INDUSTRIAL                              |           |       |       |       |                                                      |                        |       |       |       |       |
| DIST. KIDS PLAYING                            |           |       |       |       |                                                      |                        |       |       |       |       |
| DIST. CONVERSATIONS / YELLING                 |           |       |       |       |                                                      |                        |       |       |       |       |
| DIST. TRAFFIC (LIST RDWYS BELOW)              |           |       |       |       |                                                      |                        |       |       |       |       |
| DISTD GARDENERS/LANDSCAPING NOISE             |           |       |       |       |                                                      |                        |       |       |       |       |
| OTHER: Wind Chime                             |           |       |       |       |                                                      |                        |       |       |       |       |

|                         |                                                |
|-------------------------|------------------------------------------------|
| DESCRIPTION / SKETCH    |                                                |
| TERRAIN                 | HARD SOFT MIXED FLAT OTHER: Pedestrian Walkway |
| PHOTOS                  | See Attached                                   |
| OTHER COMMENTS / SKETCH |                                                |
|                         |                                                |



M5 - Pedestrian Walkway NE of 606 San Marino Place Chula Vista, CA 91914  
Taken: May 6, 2015

## FIELD NOISE MEASUREMENT DATA

|              |                                           |          |                            |      |
|--------------|-------------------------------------------|----------|----------------------------|------|
| PROJECT      | Proctor Valley                            |          | PROJECT #                  | 8207 |
| SITE ID      | M6                                        |          |                            |      |
| SITE ADDRESS | 2335 Paseo Veracruz Chula Vista, CA 91914 |          | OBSERVER(S) Stephanie Tang |      |
| START DATE   | 6/5/15                                    | END DATE | 6/5/15                     |      |
| START TIME   | 624pm                                     | END TIME | 644pm                      |      |

## METEOROLOGICAL CONDITIONS

TEMP 62.5 F HUMIDITY 63.7 % R.H. WIND CALM LIGHT MODERATE  
 WINDSPD 2.8 MPH DIR. N NE S SE S SW W NW VARIABLE STEADY GUSTY  
 SKY SUNNY CLEAR OVRCAST PRTLY CLDY FOG RAIN

## ACOUSTIC MEASUREMENTS

MEAS. INSTRUMENT Rion NL-32 TYPE 1 2 SERIAL # 01030561  
 CALIBRATOR Rion NC-74 SERIAL # 35125809  
 CALIBRATION CHECK PRE-TEST 94.0 dBA SPL POST-TEST 94.0 dBA SPL WINDSCRN ☒

## SETTINGS

A-WTD SLOW FAST FRONTAL RANDOM ANSI OTHER: \_\_\_\_\_

| REC. # | BEGIN | END   | Leg  | Lmax | Lmin | L90  | L50  | L10  | OTHER (SPECIFY METRIC) |
|--------|-------|-------|------|------|------|------|------|------|------------------------|
|        | 624pm | 644pm | 55.1 | 61.9 | 46.5 | 49.9 | 54.0 | 57.9 |                        |
|        |       |       |      |      |      |      |      |      |                        |
|        |       |       |      |      |      |      |      |      |                        |
|        |       |       |      |      |      |      |      |      |                        |
|        |       |       |      |      |      |      |      |      |                        |

## COMMENTS

## SOURCE INFO AND TRAFFIC COUNTS

PRIMARY NOISE SOURCE TRAFFIC AIRCRAFT RAIL INDUSTRIAL OTHER: ~183' to Mountain Miguel Rd  
 ROADWAY TYPE: Mountain Miguel Rd DIST. TO RDWY C/L OR EOP: \_\_\_\_\_  
 TRAFFIC COUNT DURATION: 20 MIN SPEED \_\_\_\_\_  

| COUNT 1<br>(OR RDWY 1) | DIRECTION |       | NB/EB |       | SB/WB |       | IF COUNTING BOTH DIRECTIONS AS ONE, CHECK HERE | COUNT 2<br>(OR RDWY 2) | NB/EB |  | SB/WB |  |
|------------------------|-----------|-------|-------|-------|-------|-------|------------------------------------------------|------------------------|-------|--|-------|--|
|                        | NB/EB     | SB/WB | NB/EB | SB/WB | NB/EB | SB/WB |                                                |                        |       |  |       |  |
| AUTOS                  | 134       | 99    |       |       |       |       |                                                |                        |       |  |       |  |
| MED TRKS               | 1         | 0     |       |       |       |       |                                                |                        |       |  |       |  |
| HVY TRKS               | 0         | 0     |       |       |       |       |                                                |                        |       |  |       |  |
| BUSES                  | 0         | 0     |       |       |       |       |                                                |                        |       |  |       |  |
| MOTRCLS                | 0         | 0     |       |       |       |       |                                                |                        |       |  |       |  |

SPEEDS ESTIMATED BY: RADAR / DRIVING THE PACE

POSTED SPEED LIMIT SIGNS SAY:

OTHER NOISE SOURCES (BACKGROUND): DIST. AIRCRAFT RUSTLING LEAVES DIST. BARKING DOGS BIRDS DIST. INDUSTRIAL  
DIST. KIDS PLAYING DIST. CONVRSTNS / YELLING DIST. TRAFFIC (LIST RDWYS BELOW) DISTD GARDENERS/LANDSCAPING NOISE  
 OTHER: Cars coming in and out of park; Car honks

## DESCRIPTION / SKETCH

TERRAIN HARD SOFT MIXED FLAT OTHER: Grass Area of ParkPHOTOS See Attached

OTHER COMMENTS / SKETCH



\* Noise Measurement Location  
 Measurement Loc. ~~above~~ below Road.  
 Mountain Miguel Rd  
 Paseo Veracruz



Mb - 2335 Paseo Veracruz Chula Vista, CA 91914  
Taken: May 6, 2015

## FIELD NOISE MEASUREMENT DATA

|              |                                               |          |                                   |             |
|--------------|-----------------------------------------------|----------|-----------------------------------|-------------|
| PROJECT      | <u>Proctor Valley</u>                         |          | PROJECT #                         | <u>8207</u> |
| SITE ID      | <u>M-1</u>                                    |          |                                   |             |
| SITE ADDRESS | <u>704 Pueblo Place Chula Vista, CA 91914</u> |          | OBSERVER(S) <u>Stephanie Tang</u> |             |
| START DATE   | <u>5/6/15</u>                                 | END DATE | <u>5/6/15</u>                     |             |
| START TIME   | <u>5:13pm</u>                                 | END TIME | <u>5:33pm</u>                     |             |

## METEOROLOGICAL CONDITIONS

TEMP 68.7 F HUMIDITY 68.8 % R.H. WIND CALM (LIGHT) MODERATE  
 WINDSPD 0.9 MPH DIR. N NE S SE (S) SW W NW VARIABLE STEADY GUSTY  
 SKY SUNNY CLEAR OVRCAST (PRTLY CLDY) FOG RAIN

## ACOUSTIC MEASUREMENTS

MEAS. INSTRUMENT Rion NL-32 TYPE 1 2 SERIAL # 01030561  
 CALIBRATOR Rion NC-74 SERIAL # 35125809  
 CALIBRATION CHECK PRE-TEST 94.0 dBA SPL POST-TEST 93.9 dBA SPL WINDSCRN ✓

## SETTINGS

(A-WTD) (SLOW) FAST FRONTAL RANDOM ANSI OTHER: \_\_\_\_\_

| REC. # | BEGIN         | END           | Leq         | Lmax        | Lmin        | L90         | L50         | L10         | OTHER (SPECIFY METRIC) |
|--------|---------------|---------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------------|
|        | <u>5:13pm</u> | <u>5:33pm</u> | <u>53.4</u> | <u>60.6</u> | <u>41.1</u> | <u>48.9</u> | <u>52.9</u> | <u>55.7</u> |                        |
|        |               |               |             |             |             |             |             |             |                        |
|        |               |               |             |             |             |             |             |             |                        |
|        |               |               |             |             |             |             |             |             |                        |
|        |               |               |             |             |             |             |             |             |                        |

## COMMENTS

## SOURCE INFO AND TRAFFIC COUNTS

PRIMARY NOISE SOURCE (TRAFFIC) AIRCRAFT RAIL INDUSTRIAL OTHER: \_\_\_\_\_  
 ROADWAY TYPE: Lane Ave DIST. TO RDWY C/L OR EOP: ~133' to Lane Ave  
 TRAFFIC COUNT DURATION: 20 MIN SPEED MIN SPEED  

| COUNT 1<br>(OR RDWY 1) | DIRECTION  |            | SPEED |       | IF COUNTING BOTH DIRECTIONS AS ONE, CHECK HERE | COUNT 2<br>(OR RDWY 2) | SPEED |       |
|------------------------|------------|------------|-------|-------|------------------------------------------------|------------------------|-------|-------|
|                        | NB/EB      | SB/WB      | NB/EB | SB/WB |                                                |                        | NB/EB | SB/WB |
| AUTOS                  | <u>170</u> | <u>112</u> |       |       |                                                |                        |       |       |
| MED TRKS               | <u>0</u>   | <u>11</u>  |       |       |                                                |                        |       |       |
| HVY TRKS               | <u>0</u>   | <u>0</u>   |       |       |                                                |                        |       |       |
| BUSES                  | <u>0</u>   | <u>1</u>   |       |       |                                                |                        |       |       |
| MOTRCLS                | <u>0</u>   | <u>0</u>   |       |       |                                                |                        |       |       |

SPEEDS ESTIMATED BY: RADAR / DRIVING THE PACE

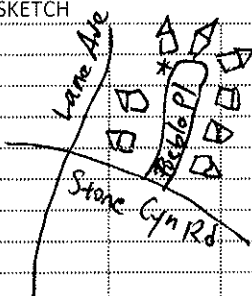
POSTED SPEED LIMIT SIGNS SAY: 40mph

OTHER NOISE SOURCES (BACKGROUND): (DIST. AIRCRAFT) (RUSTLING LEAVES) (DIST. BARKING DOGS) (BIRDS) DIST. INDUSTRIAL  
 DIST. KIDS PLAYING DIST. CONVRSTNS / YELLING DIST. TRAFFIC (LIST RDWYS BELOW) DIST. GARDENERS/LANDSCAPING NOISE  
 OTHER: Car leaving house on Pueblo Place cul de sac; Construction work inside house where noise measurement location was taking place

## DESCRIPTION / SKETCH

TERRAIN (HARD) SOFT MIXED FLAT OTHER: DrivewayPHOTOS See Attached

OTHER COMMENTS / SKETCH



\* Noise Measurement Location  
 6' Block Wall @ Residence of  
 Noise measurement location  
 Res. Elevated from Lane Ave



M7-704 Pueblo Pl Ihuia Vista, CA 91914  
Taken : May 6, 2015

## FIELD NOISE MEASUREMENT DATA

|              |                                          |          |               |                       |
|--------------|------------------------------------------|----------|---------------|-----------------------|
| PROJECT      | <u>Proctor Valley</u>                    |          | PROJECT #     | <u>8207</u>           |
| SITE ID      | <u>M8</u>                                |          | OBSERVER(S)   | <u>Stephanie Tung</u> |
| SITE ADDRESS | <u>2852 Shadow Valley Lane, CA 91935</u> |          |               |                       |
| START DATE   | <u>5/6/15</u>                            | END DATE | <u>5/6/15</u> |                       |
| START TIME   | <u>158pm</u>                             | END TIME | <u>218pm</u>  |                       |

## METEOROLOGICAL CONDITIONS

TEMP 75.0 F HUMIDITY 45.8 % R.H. WIND CALM LIGHT MODERATE  
 WINDSPD 2.1 MPH DIR. N NE S SE S SW W NW VARIABLE STEADY GUSTY  
 SKY SUNNY CLEAR OVRCAST PRTLY CLDY FOG RAIN

## ACOUSTIC MEASUREMENTS

MEAS. INSTRUMENT Rion - NL-32 TYPE 1 2 SERIAL # 01030561  
 CALIBRATOR Rion NC-74 SERIAL # 35125809  
 CALIBRATION CHECK PRE-TEST 94.0 dBA SPL POST-TEST 94.0 dBA SPL WINDSCRN ✓

## SETTINGS

A-WTD SLOW FAST FRONTAL RANDOM ANSI OTHER: \_\_\_\_\_

| REC. # | BEGIN        | END          | Leg         | Lmax        | Lmin        | L90         | L50         | L10         | OTHER (SPECIFY METRIC) |
|--------|--------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------------|
|        | <u>158pm</u> | <u>218pm</u> | <u>53.8</u> | <u>72.1</u> | <u>33.0</u> | <u>39.5</u> | <u>45.8</u> | <u>55.0</u> |                        |
|        |              |              |             |             |             |             |             |             |                        |
|        |              |              |             |             |             |             |             |             |                        |
|        |              |              |             |             |             |             |             |             |                        |
|        |              |              |             |             |             |             |             |             |                        |

## COMMENTS

## SOURCE INFO AND TRAFFIC COUNTS

## PRIMARY NOISE SOURCE

ROADWAY TYPE: Proctor Valley Rd

## TRAFFIC

## AIRCRAFT

## RAIL

## INDUSTRIAL

## OTHER:

DIST. TO RDWY C/L OR EOP: ~120' to Proctor Valley RdTRAFFIC COUNT DURATION: 20 MIN

SPEED

COUNT 1  
(OR RDWY 1)

DIRECTION NB/EB

SB/WB

NB/EB

SB/WB

IF COUNTING  
BOTH  
DIRECTIONS  
AS ONE,  
CHECK HERECOUNT 2  
(OR RDWY 2)

NB/EB

SB/WB

NB/EB

SB/WB

AUTOS  
MED TRKS  
HVY TRKS  
BUSES  
MOTRCLS5  
0  
0  
0  
00  
0  
0  
0  
00  
0  
0  
0  
00  
0  
0  
0  
00  
0  
0  
0  
00  
0  
0  
0  
00  
0  
0  
0  
0

SPEEDS ESTIMATED BY: RADAR / DRIVING THE PACE

POSTED SPEED LIMIT SIGNS SAY: 25mph

OTHER NOISE SOURCES (BACKGROUND):

DIST. AIRCRAFTRUSTLING LEAVESDIST. BARKING DOGSBIRDS

DIST. INDUSTRIAL

DIST. KIDS PLAYING

DIST. CONVRSTNS / YELLING

DIST. TRAFFIC (LIST RDWYS BELOW)

DISTD GARDENERS/LANDSCAPING NOISE

OTHER: \_\_\_\_\_

## DESCRIPTION / SKETCH

TERRAIN

HARD

SOFT MIXED FLAT

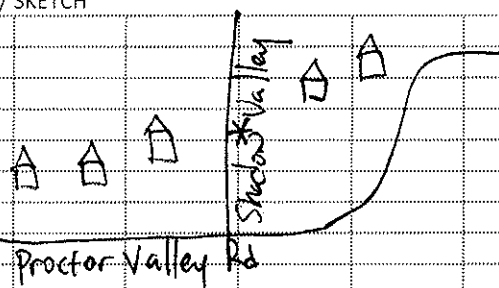
OTHER:

Front of Driveway Gate; Dirt Access Road

PHOTOS

See Attached

OTHER COMMENTS / SKETCH



\* Noise Measurement Location



M8 - 2852 Shadow Valley Jamul, CA 91935  
Taken: May 6, 2015

# FIELD NOISE MEASUREMENT DATA

DUDEK

|              |                                                |          |               |                       |
|--------------|------------------------------------------------|----------|---------------|-----------------------|
| PROJECT      | <u>Proctor Valley</u>                          |          | PROJECT #     | <u>8207</u>           |
| SITE ID      | <u>MA</u>                                      |          | OBSERVER(S)   | <u>Stephanie Tang</u> |
| SITE ADDRESS | <u>13828 Proctor Valley Rd Jamul, CA 91935</u> |          |               |                       |
| START DATE   | <u>5/6/15</u>                                  | END DATE | <u>5/6/15</u> |                       |
| START TIME   | <u>127pm</u>                                   | END TIME | <u>147pm</u>  |                       |

## METEOROLOGICAL CONDITIONS

TEMP 72.1 F HUMIDITY 47.3 % R.H. WIND CALM LIGHT MODERATE  
WINDSPD 3.5 MPH DIR. N NE S SE S SW W NW VARIABLE STEADY GUSTY  
SKY SUNNY CLEAR OVERCAST PRTLY CLDY FOG RAIN

## ACOUSTIC MEASUREMENTS

MEAS. INSTRUMENT Rion NL-32 TYPE 1 2 SERIAL # 01030561  
CALIBRATOR Rion NC-74 SERIAL # 3512809  
CALIBRATION CHECK PRE-TEST 94.0 dBA SPL POST-TEST 93.9 dBA SPL WINDSCRN ✓

## SETTINGS

A-WTD

SLOW

FAST

FRONTAL

RANDOM

ANSI

OTHER: \_\_\_\_\_

| REC. # | BEGIN        | END          | Leq         | Lmax        | Lmin        | L90         | L50         | L10         | OTHER (SPECIFY METRIC) |
|--------|--------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------------|
|        | <u>127pm</u> | <u>147pm</u> | <u>50.8</u> | <u>63.1</u> | <u>38.4</u> | <u>42.8</u> | <u>47.2</u> | <u>54.9</u> |                        |
|        |              |              |             |             |             |             |             |             |                        |
|        |              |              |             |             |             |             |             |             |                        |
|        |              |              |             |             |             |             |             |             |                        |
|        |              |              |             |             |             |             |             |             |                        |
|        |              |              |             |             |             |             |             |             |                        |

## COMMENTS

## SOURCE INFO AND TRAFFIC COUNTS

### PRIMARY NOISE SOURCE

ROADWAY TYPE: Proctor Valley Rd

### TRAFFIC

### AIRCRAFT

### RAIL

### INDUSTRIAL

### OTHER:

DIST. TO RDWY C/L OR EOP: ~82' to Proctor Valley Rd

TRAFFIC COUNT DURATION: 20 MIN

SPEED

COUNT 1  
(OR RDWY 1)

DIRECTION

NB/EB

SB/WB

NB/EB

SB/WB

IF COUNTING  
BOTH  
DIRECTIONS  
AS ONE,  
CHECK HERE

COUNT 2  
(OR RDWY 2)

NB/EB

MIN

SPEED

SB/WB

NB/EB

SB/WB

AUTOS

14

13

MED TRKS

0

1

HVY TRKS

0

0

BUSES

0

0

MOTRCLS

0

0

SPEEDS ESTIMATED BY: RADAR / DRIVING THE PACE

POSTED SPEED LIMIT SIGNS SAY: 45mph

### OTHER NOISE SOURCES (BACKGROUND):

DIST. AIRCRAFT

RUSTLING LEAVES

DIST. BARKING DOGS

BIRDS

DIST. INDUSTRIAL

DIST. KIDS PLAYING

DIST. CONVRSTNS / YELLING

DIST. TRAFFIC (DIST RDWYS BELOW)

DISTD GARDENERS/LANDSCAPING NOISE

OTHER:

Vehicles turning onto or off of Calle Buena Ganas; Dist. traffic noise off Melody Rd

## DESCRIPTION / SKETCH

TERRAIN

HARD

SOFT MIXED FLAT

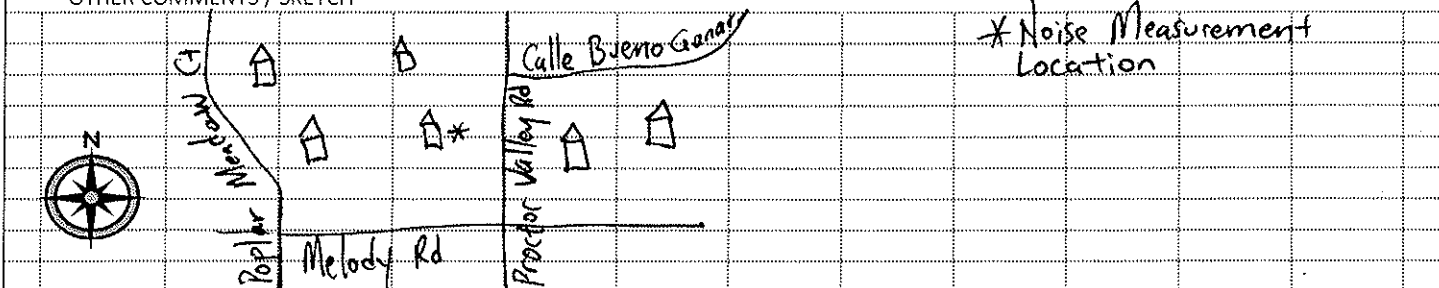
OTHER:

Asphalt Driveway

PHOTOS

See Attached

OTHER COMMENTS / SKETCH





M9-13828 Proctor Valley Rd Jamul, CA 91935  
Taken: May 6, 2015

## FIELD NOISE MEASUREMENT DATA

|              |                                            |             |                       |
|--------------|--------------------------------------------|-------------|-----------------------|
| PROJECT      | <u>Proctor Valley</u>                      | PROJECT #   | <u>8207</u>           |
| SITE ID      | <u>M10</u>                                 | OBSERVER(S) | <u>Stephanie Tang</u> |
| SITE ADDRESS | <u>3007 Calle Mesquite Jamul, CA 91935</u> |             |                       |
| START DATE   | <u>5/6/15</u>                              | END DATE    | <u>5/6/15</u>         |
| START TIME   | <u>1258pm</u>                              | END TIME    | <u>118am</u>          |

## METEOROLOGICAL CONDITIONS

|         |                |                 |                            |      |          |              |          |
|---------|----------------|-----------------|----------------------------|------|----------|--------------|----------|
| TEMP    | <u>68.6</u> F  | HUMIDITY        | <u>46.3</u> % R.H.         | WIND | CALM     | <u>LIGHT</u> | MODERATE |
| WINDSPD | <u>1.2</u> MPH | DIR             | N NE S <u>SE</u> S SW W NW |      | VARIABLE | STEADY       | GUSTY    |
| SKY     | SUNNY CLEAR    | <u>OVERCAST</u> | <u>PRTLY CLDY</u>          | FOG  | RAIN     |              |          |

## ACOUSTIC MEASUREMENTS

|                   |                   |                     |           |                     |          |                                     |
|-------------------|-------------------|---------------------|-----------|---------------------|----------|-------------------------------------|
| MEAS. INSTRUMENT  | <u>Rion NL-32</u> | TYPE                | 1         | 2                   | SERIAL # | <u>0103056</u>                      |
| CALIBRATOR        | <u>Rion NC-74</u> |                     |           |                     | SERIAL # | <u>35125809</u>                     |
| CALIBRATION CHECK | PRE-TEST          | <u>94.0</u> dBA SPL | POST-TEST | <u>94.0</u> dBA SPL | WINDSCRN | <input checked="" type="checkbox"/> |

## SETTINGS

A-WTDSLOW

FAST

FRONTAL

RANDOM

ANSI

OTHER:

|        |               |              |             |             |             |             |             |             |                        |
|--------|---------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------------|
| REC. # | BEGIN         | END          | Leq         | Lmax        | Lmin        | L90         | L50         | L10         | OTHER (SPECIFY METRIC) |
|        | <u>1258pm</u> | <u>118pm</u> | <u>48.7</u> | <u>64.1</u> | <u>37.5</u> | <u>40.7</u> | <u>43.6</u> | <u>51.8</u> |                        |

## COMMENTS

## SOURCE INFO AND TRAFFIC COUNTS

## PRIMARY NOISE SOURCE

## ROADWAY TYPE:

Melody Rd

## TRAFFIC

## AIRCRAFT

## RAIL

## INDUSTRIAL

## OTHER:

DIST. TO RDWY C/L OR EOP:

~93' to Melody Rd

## TRAFFIC COUNT DURATION:

20 MIN

## SPEED

COUNT 1  
(OR RDWY 1)

## DIRECTION

NB/EB

SB/WB

NB/EB

SB/WB

IF COUNTING  
BOTH  
DIRECTIONS  
AS ONE,  
CHECK HERECOUNT 2  
(OR RDWY 2)

NB/EB

SB/WB

NB/EB

SB/WB

AUTOS

34

MED TRKS

00

HVY TRKS

00

BUSES

00

MOTRCLS

00SPEEDS ESTIMATED BY: RADAR / DRIVING THE PACE30mph-35mph

POSTED SPEED LIMIT SIGNS SAY:

OTHER NOISE SOURCES (BACKGROUND): DIST. AIRCRAFT RUSTLING LEAVES DIST. BARKING DOGS BIRDS DIST. INDUSTRIALDIST. KIDS PLAYING DIST. CONVRSTNS / YELLING DIST. TRAFFIC (LIST RDWYS BELOW) DIST. GARDENERS/LANDSCAPING NOISEOTHER: Car driving onto Calle Mesquite; 2 cars driving out of Calle Mesquite; Rooster Noises

## DESCRIPTION / SKETCH

TERRAIN

HARD

SOFT MIXED

FLAT

OTHER:

Driveway

PHOTOS

See Attached

OTHER COMMENTS / SKETCH

\* Noise Measurement Location

Sketch of the measurement location showing Calle Mesquite and Melody Rd. A star marks the noise measurement location at the intersection.

Melody Rd



M10 - 3007 Calle Mesquite Jamul, CA 91935  
Taken: May 6, 2015





M11- 13939 Maxfield Rd Jamul, CA 91935  
Taken: May 6, 2015

# **APPENDIX B**

## ***TNM Sound Modeling Input/Output Data***



**INPUT: ROADWAYS**
**8207**

|                                       |              |               |            |                                                |             |          |                     |                                                      |                 |                |                |
|---------------------------------------|--------------|---------------|------------|------------------------------------------------|-------------|----------|---------------------|------------------------------------------------------|-----------------|----------------|----------------|
| Dudek                                 |              |               |            |                                                |             |          |                     |                                                      |                 |                |                |
| M Greene                              |              |               |            |                                                |             |          |                     |                                                      |                 |                |                |
|                                       |              |               |            |                                                |             |          |                     |                                                      |                 |                |                |
| <b>INPUT: ROADWAYS</b>                |              |               |            |                                                |             |          |                     | <b>Average pavement type shall be used unless</b>    |                 |                |                |
| <b>PROJECT/CONTRACT:</b>              |              |               |            | <b>8207</b>                                    |             |          |                     | <b>a State highway agency substantiates the use</b>  |                 |                |                |
| <b>RUN:</b>                           |              |               |            | <b>Otay Ranch Vilg14 PrctrVily Ex Rev 0817</b> |             |          |                     | <b>of a different type with the approval of FHWA</b> |                 |                |                |
| <b>Roadway</b>                        |              | <b>Points</b> |            |                                                |             |          |                     |                                                      |                 |                |                |
| <b>Name</b>                           | <b>Width</b> | <b>Name</b>   | <b>No.</b> | <b>Coordinates (pavement)</b>                  |             |          | <b>Flow Control</b> |                                                      |                 | <b>Segment</b> |                |
|                                       |              |               |            | <b>X</b>                                       | <b>Y</b>    | <b>Z</b> | <b>Control</b>      | <b>Speed</b>                                         | <b>Percent</b>  | <b>Pvmt</b>    | <b>On</b>      |
|                                       |              |               |            |                                                |             |          | <b>Device</b>       | <b>Constraint</b>                                    | <b>Vehicles</b> | <b>Type</b>    | <b>Struct?</b> |
|                                       |              |               |            |                                                |             |          |                     |                                                      | <b>Affected</b> |                |                |
|                                       | ft           |               |            | ft                                             | ft          | ft       |                     | mph                                                  | %               |                |                |
| Melody Road - Proctor Vily Rd - SR-94 | 25.0         | point379      | 379        | 6,368,196.0                                    | 1,836,340.0 | 1,030.00 |                     |                                                      |                 | Average        |                |
|                                       |              | point380      | 380        | 6,371,196.0                                    | 1,836,340.0 | 950.00   |                     |                                                      |                 |                |                |
| PrctrVilyRd - Melody Rd-SchleeCyn Rd  | 45.0         | point381      | 381        | 6,368,180.0                                    | 1,836,341.0 | 1,040.00 |                     |                                                      |                 | Average        |                |
|                                       |              | point382      | 382        | 6,368,180.0                                    | 1,838,940.0 | 1,044.00 |                     |                                                      |                 |                |                |
| PrctrVilyRd - SchleeCyn Rd-MaxfieldRd | 25.0         | point383      | 383        | 6,368,180.0                                    | 1,839,000.0 | 1,044.00 |                     |                                                      |                 | Average        |                |
|                                       |              | point384      | 384        | 6,371,263.5                                    | 1,839,000.0 | 1,040.00 |                     |                                                      |                 |                |                |
| Proctor Valley Rd-HuntePkyw-Northwd   | 100.0        | point385      | 385        | 6,348,800.5                                    | 1,820,600.0 | 630.00   |                     |                                                      |                 | Average        |                |
|                                       |              | point387      | 387        | 6,346,800.5                                    | 1,820,600.0 | 700.00   |                     |                                                      |                 | Average        |                |
|                                       |              | point445      | 445        | 6,346,300.5                                    | 1,820,600.0 | 687.50   |                     |                                                      |                 | Average        |                |
|                                       |              | point444      | 444        | 6,345,800.5                                    | 1,820,600.0 | 675.00   |                     |                                                      |                 | Average        |                |
|                                       |              | point386      | 386        | 6,344,801.5                                    | 1,820,600.0 | 650.00   |                     |                                                      |                 |                |                |
| Proctor Valley Rd-Lane Ave-HuntePkwY  | 100.0        | point388      | 388        | 6,344,800.0                                    | 1,820,600.0 | 650.00   |                     |                                                      |                 | Average        |                |
|                                       |              | point434      | 434        | 6,344,050.0                                    | 1,820,600.0 | 646.00   |                     |                                                      |                 | Average        |                |
|                                       |              | point389      | 389        | 6,343,300.0                                    | 1,820,600.0 | 642.00   |                     |                                                      |                 |                |                |
| Proctor Valley Rd-MtMglRd - Lane Ave  | 100.0        | point390      | 390        | 6,343,295.0                                    | 1,820,600.0 | 642.00   |                     |                                                      |                 | Average        |                |
|                                       |              | point392      | 392        | 6,342,130.0                                    | 1,820,600.0 | 670.00   |                     |                                                      |                 | Average        |                |
|                                       |              | point430      | 430        | 6,340,965.0                                    | 1,820,600.0 | 629.00   |                     |                                                      |                 | Average        |                |
|                                       |              | point431      | 431        | 6,340,382.5                                    | 1,820,600.0 | 608.50   |                     |                                                      |                 | Average        |                |
|                                       |              | point391      | 391        | 6,339,800.0                                    | 1,820,600.0 | 588.00   |                     |                                                      |                 |                |                |
| SnMglRnch/Mt MglRd-SR125-PrctrVily    | 70.0         | point394      | 394        | 6,339,800.0                                    | 1,820,601.0 | 588.00   |                     |                                                      |                 | Average        |                |
|                                       |              | point428      | 428        | 6,339,800.0                                    | 1,821,450.0 | 611.50   |                     |                                                      |                 | Average        |                |
|                                       |              | point395      | 395        | 6,339,800.0                                    | 1,822,300.0 | 635.00   |                     |                                                      |                 |                |                |
| SanMglRnchRd-PrctrVilyRd - SR-125     | 75.0         | point396      | 396        | 6,339,799.0                                    | 1,822,295.0 | 635.00   |                     |                                                      |                 | Average        |                |
|                                       |              | point423      | 423        | 6,338,800.0                                    | 1,822,294.5 | 584.75   |                     |                                                      |                 | Average        |                |
|                                       |              | point424      | 424        | 6,337,800.0                                    | 1,822,294.0 | 534.50   |                     |                                                      |                 | Average        |                |

**INPUT: ROADWAYS**
**8207**

|                                      |       |          |     |             |             |          |  |  |  |         |  |
|--------------------------------------|-------|----------|-----|-------------|-------------|----------|--|--|--|---------|--|
|                                      |       | point426 | 426 | 6,336,466.5 | 1,822,293.2 | 467.50   |  |  |  | Average |  |
|                                      |       | point397 | 397 | 6,335,800.0 | 1,822,292.9 | 434.00   |  |  |  |         |  |
| Proctor Valley Rd-SR125 - MtMglRd    | 100.0 | point398 | 398 | 6,339,800.0 | 1,820,595.0 | 588.00   |  |  |  | Average |  |
|                                      |       | point429 | 429 | 6,339,000.0 | 1,820,595.0 | 552.00   |  |  |  | Average |  |
|                                      |       | point399 | 399 | 6,338,200.0 | 1,820,595.0 | 516.00   |  |  |  |         |  |
| Northwoods Dr - ProctrVlly-BlueRdgDr | 25.0  | point400 | 400 | 6,348,800.5 | 1,820,595.0 | 630.00   |  |  |  | Average |  |
|                                      |       | point446 | 446 | 6,348,800.5 | 1,820,171.2 | 648.75   |  |  |  | Average |  |
|                                      |       | point447 | 447 | 6,348,800.5 | 1,819,747.5 | 667.50   |  |  |  | Average |  |
|                                      |       | point448 | 448 | 6,348,800.5 | 1,819,323.8 | 686.25   |  |  |  | Average |  |
|                                      |       | point401 | 401 | 6,348,800.5 | 1,818,900.0 | 705.00   |  |  |  |         |  |
| Hunte Pkwy-PrctrVllyRd - OtayLksRd   | 75.0  | point402 | 402 | 6,344,800.0 | 1,820,595.0 | 650.00   |  |  |  | Average |  |
|                                      |       | point437 | 437 | 6,344,800.0 | 1,820,182.5 | 630.00   |  |  |  | Average |  |
|                                      |       | point435 | 435 | 6,344,800.0 | 1,819,770.0 | 610.00   |  |  |  | Average |  |
|                                      |       | point436 | 436 | 6,344,800.0 | 1,819,357.5 | 590.00   |  |  |  | Average |  |
|                                      |       | point406 | 406 | 6,344,800.0 | 1,818,945.0 | 570.00   |  |  |  | Average |  |
|                                      |       | point403 | 403 | 6,344,800.0 | 1,818,395.0 | 619.00   |  |  |  |         |  |
| Hunte Pkwy-OtayLksRd-OlmpcPkwy       | 85.0  | point407 | 407 | 6,344,800.0 | 1,818,395.0 | 619.00   |  |  |  | Average |  |
|                                      |       | point438 | 438 | 6,344,800.0 | 1,817,682.5 | 626.75   |  |  |  | Average |  |
|                                      |       | point439 | 439 | 6,344,800.0 | 1,816,970.0 | 634.50   |  |  |  | Average |  |
|                                      |       | point440 | 440 | 6,344,800.0 | 1,816,257.5 | 642.25   |  |  |  | Average |  |
|                                      |       | point409 | 409 | 6,344,800.0 | 1,815,545.0 | 650.00   |  |  |  | Average |  |
|                                      |       | point408 | 408 | 6,344,800.0 | 1,812,695.0 | 525.00   |  |  |  |         |  |
| Hunte Pkwy-OlmpcPkwy-EastlkPkwy      | 105.0 | point410 | 410 | 6,344,800.0 | 1,812,690.0 | 525.00   |  |  |  | Average |  |
|                                      |       | point412 | 412 | 6,344,800.0 | 1,810,821.2 | 460.00   |  |  |  | Average |  |
|                                      |       | point441 | 441 | 6,344,800.0 | 1,809,416.0 | 485.00   |  |  |  | Average |  |
|                                      |       | point442 | 442 | 6,344,800.0 | 1,808,010.6 | 510.00   |  |  |  | Average |  |
|                                      |       | point443 | 443 | 6,344,800.0 | 1,806,605.2 | 535.00   |  |  |  | Average |  |
|                                      |       | point411 | 411 | 6,344,800.0 | 1,805,200.0 | 560.00   |  |  |  |         |  |
| Lane Ave PrctrVllyRd-OtayLksRd       | 75.0  | point415 | 415 | 6,343,300.0 | 1,820,600.0 | 642.00   |  |  |  | Average |  |
|                                      |       | point433 | 433 | 6,343,300.0 | 1,819,775.0 | 632.75   |  |  |  | Average |  |
|                                      |       | point432 | 432 | 6,343,300.0 | 1,818,950.0 | 623.50   |  |  |  | Average |  |
|                                      |       | point416 | 416 | 6,343,300.0 | 1,817,300.0 | 605.00   |  |  |  |         |  |
| PrctrVllyRd - MaxfieldRd to SR-94    | 30.0  | point421 | 421 | 6,371,265.0 | 1,839,010.0 | 1,040.00 |  |  |  | Average |  |
|                                      |       | point449 | 449 | 6,371,265.0 | 1,839,505.0 | 1,020.00 |  |  |  | Average |  |
|                                      |       | point422 | 422 | 6,371,265.0 | 1,840,000.0 | 1,000.00 |  |  |  |         |  |
| Proctor Valley Road                  | 25.0  | point378 | 378 | 6,368,149.0 | 1,836,340.0 | 960.00   |  |  |  | Average |  |
|                                      |       | point376 | 376 | 6,366,145.0 | 1,836,340.0 | 968.00   |  |  |  | Average |  |
|                                      |       | point374 | 374 | 6,362,537.5 | 1,836,340.0 | 910.00   |  |  |  | Average |  |
|                                      |       | point372 | 372 | 6,362,460.5 | 1,836,102.2 | 904.00   |  |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|  |          |     |             |             |        |  |  |  |         |  |
|--|----------|-----|-------------|-------------|--------|--|--|--|---------|--|
|  | point292 | 292 | 6,361,350.0 | 1,836,103.2 | 904.16 |  |  |  | Average |  |
|  | point293 | 293 | 6,361,273.0 | 1,836,104.5 | 901.83 |  |  |  | Average |  |
|  | point294 | 294 | 6,361,196.5 | 1,836,105.6 | 901.32 |  |  |  | Average |  |
|  | point295 | 295 | 6,361,145.0 | 1,836,103.8 | 902.45 |  |  |  | Average |  |
|  | point296 | 296 | 6,361,094.0 | 1,836,096.6 | 900.54 |  |  |  | Average |  |
|  | point297 | 297 | 6,361,044.0 | 1,836,084.2 | 903.40 |  |  |  | Average |  |
|  | point298 | 298 | 6,360,995.5 | 1,836,066.8 | 902.65 |  |  |  | Average |  |
|  | point299 | 299 | 6,360,949.0 | 1,836,044.4 | 904.53 |  |  |  | Average |  |
|  | point300 | 300 | 6,360,905.0 | 1,836,017.4 | 906.33 |  |  |  | Average |  |
|  | point301 | 301 | 6,360,864.5 | 1,835,986.0 | 905.54 |  |  |  | Average |  |
|  | point302 | 302 | 6,360,794.0 | 1,835,925.9 | 901.18 |  |  |  | Average |  |
|  | point303 | 303 | 6,360,723.5 | 1,835,865.8 | 896.36 |  |  |  | Average |  |
|  | point304 | 304 | 6,360,693.5 | 1,835,838.2 | 894.62 |  |  |  | Average |  |
|  | point305 | 305 | 6,360,666.5 | 1,835,808.5 | 892.66 |  |  |  | Average |  |
|  | point306 | 306 | 6,360,641.5 | 1,835,776.6 | 890.79 |  |  |  | Average |  |
|  | point307 | 307 | 6,360,575.5 | 1,835,684.6 | 887.73 |  |  |  | Average |  |
|  | point308 | 308 | 6,360,509.5 | 1,835,592.8 | 886.26 |  |  |  | Average |  |
|  | point309 | 309 | 6,360,443.5 | 1,835,500.8 | 886.58 |  |  |  | Average |  |
|  | point310 | 310 | 6,360,419.5 | 1,835,463.9 | 886.29 |  |  |  | Average |  |
|  | point311 | 311 | 6,360,399.0 | 1,835,425.1 | 887.74 |  |  |  | Average |  |
|  | point312 | 312 | 6,360,382.0 | 1,835,384.6 | 889.85 |  |  |  | Average |  |
|  | point313 | 313 | 6,360,368.0 | 1,835,342.8 | 888.29 |  |  |  | Average |  |
|  | point314 | 314 | 6,360,347.0 | 1,835,265.8 | 887.89 |  |  |  | Average |  |
|  | point315 | 315 | 6,360,325.5 | 1,835,188.9 | 886.00 |  |  |  | Average |  |
|  | point317 | 317 | 6,360,304.5 | 1,835,111.9 | 884.03 |  |  |  | Average |  |
|  | point318 | 318 | 6,360,301.0 | 1,835,099.6 | 884.00 |  |  |  | Average |  |
|  | point319 | 319 | 6,360,297.0 | 1,835,087.4 | 883.96 |  |  |  | Average |  |
|  | point320 | 320 | 6,360,267.0 | 1,834,997.5 | 882.45 |  |  |  | Average |  |
|  | point321 | 321 | 6,360,237.0 | 1,834,907.6 | 882.48 |  |  |  | Average |  |
|  | point322 | 322 | 6,360,226.5 | 1,834,870.4 | 882.70 |  |  |  | Average |  |
|  | point323 | 323 | 6,360,218.5 | 1,834,832.5 | 883.89 |  |  |  | Average |  |
|  | point324 | 324 | 6,360,201.5 | 1,834,732.5 | 887.03 |  |  |  | Average |  |
|  | point326 | 326 | 6,360,185.0 | 1,834,632.6 | 892.51 |  |  |  | Average |  |
|  | point327 | 327 | 6,360,183.0 | 1,834,621.6 | 893.25 |  |  |  | Average |  |
|  | point328 | 328 | 6,360,166.5 | 1,834,535.8 | 897.83 |  |  |  | Average |  |
|  | point329 | 329 | 6,360,150.5 | 1,834,450.0 | 902.13 |  |  |  | Average |  |
|  | point330 | 330 | 6,360,134.0 | 1,834,364.2 | 906.00 |  |  |  | Average |  |
|  | point331 | 331 | 6,360,127.0 | 1,834,312.8 | 908.01 |  |  |  | Average |  |
|  | point332 | 332 | 6,360,125.0 | 1,834,261.0 | 910.03 |  |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|  |          |     |             |             |        |  |  |         |  |
|--|----------|-----|-------------|-------------|--------|--|--|---------|--|
|  | point333 | 333 | 6,360,129.0 | 1,834,209.2 | 914.00 |  |  | Average |  |
|  | point334 | 334 | 6,360,138.0 | 1,834,158.1 | 916.48 |  |  | Average |  |
|  | point335 | 335 | 6,360,152.0 | 1,834,108.2 | 917.24 |  |  | Average |  |
|  | point336 | 336 | 6,360,171.5 | 1,834,060.1 | 916.66 |  |  | Average |  |
|  | point337 | 337 | 6,360,215.0 | 1,833,966.9 | 912.69 |  |  | Average |  |
|  | point338 | 338 | 6,360,258.0 | 1,833,873.6 | 909.87 |  |  | Average |  |
|  | point339 | 339 | 6,360,301.5 | 1,833,780.5 | 908.02 |  |  | Average |  |
|  | point340 | 340 | 6,360,344.5 | 1,833,687.2 | 907.96 |  |  | Average |  |
|  | point341 | 341 | 6,360,388.0 | 1,833,594.0 | 908.59 |  |  | Average |  |
|  | point342 | 342 | 6,360,431.0 | 1,833,500.8 | 907.49 |  |  | Average |  |
|  | point343 | 343 | 6,360,474.5 | 1,833,407.5 | 908.72 |  |  | Average |  |
|  | point344 | 344 | 6,360,500.0 | 1,833,359.6 | 909.49 |  |  | Average |  |
|  | point345 | 345 | 6,360,530.5 | 1,833,314.8 | 910.39 |  |  | Average |  |
|  | point346 | 346 | 6,360,565.5 | 1,833,273.4 | 910.49 |  |  | Average |  |
|  | point347 | 347 | 6,360,621.5 | 1,833,214.9 | 908.81 |  |  | Average |  |
|  | point348 | 348 | 6,360,677.0 | 1,833,156.2 | 904.15 |  |  | Average |  |
|  | point349 | 349 | 6,360,710.0 | 1,833,117.9 | 900.88 |  |  | Average |  |
|  | point350 | 350 | 6,360,739.0 | 1,833,076.4 | 897.23 |  |  | Average |  |
|  | point351 | 351 | 6,360,763.5 | 1,833,032.1 | 893.40 |  |  | Average |  |
|  | point352 | 352 | 6,360,783.5 | 1,832,985.6 | 890.12 |  |  | Average |  |
|  | point353 | 353 | 6,360,798.5 | 1,832,937.2 | 887.10 |  |  | Average |  |
|  | point354 | 354 | 6,360,809.0 | 1,832,887.8 | 884.98 |  |  | Average |  |
|  | point355 | 355 | 6,360,814.0 | 1,832,837.4 | 883.86 |  |  | Average |  |
|  | point356 | 356 | 6,360,814.0 | 1,832,786.8 | 882.04 |  |  | Average |  |
|  | point357 | 357 | 6,360,809.0 | 1,832,736.4 | 883.38 |  |  | Average |  |
|  | point358 | 358 | 6,360,799.0 | 1,832,686.8 | 880.46 |  |  | Average |  |
|  | point359 | 359 | 6,360,784.0 | 1,832,638.5 | 881.39 |  |  | Average |  |
|  | point360 | 360 | 6,360,752.5 | 1,832,554.1 | 882.15 |  |  | Average |  |
|  | point361 | 361 | 6,360,721.5 | 1,832,469.6 | 885.57 |  |  | Average |  |
|  | point362 | 362 | 6,360,704.0 | 1,832,428.6 | 888.05 |  |  | Average |  |
|  | point363 | 363 | 6,360,683.5 | 1,832,389.2 | 890.78 |  |  | Average |  |
|  | point364 | 364 | 6,360,659.0 | 1,832,351.9 | 895.41 |  |  | Average |  |
|  | point365 | 365 | 6,360,631.5 | 1,832,316.9 | 900.53 |  |  | Average |  |
|  | point5   | 5   | 6,360,604.5 | 1,832,285.2 | 906.91 |  |  | Average |  |
|  | point7   | 7   | 6,360,574.0 | 1,832,311.5 | 906.55 |  |  | Average |  |
|  | point10  | 10  | 6,360,533.5 | 1,832,342.6 | 906.42 |  |  | Average |  |
|  | point11  | 11  | 6,360,519.5 | 1,832,352.1 | 906.38 |  |  | Average |  |
|  | point12  | 12  | 6,360,259.5 | 1,832,520.5 | 916.68 |  |  | Average |  |
|  | point13  | 13  | 6,360,222.0 | 1,832,541.2 | 918.34 |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|  |         |    |             |             |        |  |  |  |         |  |
|--|---------|----|-------------|-------------|--------|--|--|--|---------|--|
|  | point14 | 14 | 6,360,181.5 | 1,832,556.4 | 918.23 |  |  |  | Average |  |
|  | point15 | 15 | 6,360,139.5 | 1,832,565.6 | 916.38 |  |  |  | Average |  |
|  | point16 | 16 | 6,360,096.5 | 1,832,568.6 | 911.71 |  |  |  | Average |  |
|  | point17 | 17 | 6,360,000.5 | 1,832,568.6 | 910.33 |  |  |  | Average |  |
|  | point18 | 18 | 6,359,904.5 | 1,832,568.6 | 913.03 |  |  |  | Average |  |
|  | point19 | 19 | 6,359,856.0 | 1,832,565.8 | 912.00 |  |  |  | Average |  |
|  | point20 | 20 | 6,359,807.5 | 1,832,556.8 | 911.80 |  |  |  | Average |  |
|  | point21 | 21 | 6,359,761.0 | 1,832,542.1 | 915.13 |  |  |  | Average |  |
|  | point22 | 22 | 6,359,716.5 | 1,832,521.9 | 919.12 |  |  |  | Average |  |
|  | point23 | 23 | 6,359,675.0 | 1,832,496.2 | 921.85 |  |  |  | Average |  |
|  | point24 | 24 | 6,359,637.0 | 1,832,465.9 | 923.60 |  |  |  | Average |  |
|  | point25 | 25 | 6,359,602.5 | 1,832,431.0 | 922.25 |  |  |  | Average |  |
|  | point26 | 26 | 6,359,573.0 | 1,832,392.2 | 917.36 |  |  |  | Average |  |
|  | point27 | 27 | 6,359,548.0 | 1,832,350.1 | 910.39 |  |  |  | Average |  |
|  | point28 | 28 | 6,359,528.5 | 1,832,305.2 | 902.85 |  |  |  | Average |  |
|  | point29 | 29 | 6,359,514.5 | 1,832,258.5 | 903.72 |  |  |  | Average |  |
|  | point30 | 30 | 6,359,506.5 | 1,832,210.2 | 905.96 |  |  |  | Average |  |
|  | point31 | 31 | 6,359,504.5 | 1,832,161.5 | 907.46 |  |  |  | Average |  |
|  | point32 | 32 | 6,359,506.5 | 1,832,060.1 | 902.84 |  |  |  | Average |  |
|  | point33 | 33 | 6,359,508.5 | 1,831,958.8 | 891.86 |  |  |  | Average |  |
|  | point34 | 34 | 6,359,510.0 | 1,831,857.5 | 874.76 |  |  |  | Average |  |
|  | point35 | 35 | 6,359,512.0 | 1,831,756.1 | 857.71 |  |  |  | Average |  |
|  | point36 | 36 | 6,359,514.0 | 1,831,654.8 | 836.87 |  |  |  | Average |  |
|  | point37 | 37 | 6,359,515.5 | 1,831,553.5 | 824.16 |  |  |  | Average |  |
|  | point38 | 38 | 6,359,517.5 | 1,831,452.1 | 819.47 |  |  |  | Average |  |
|  | point39 | 39 | 6,359,519.0 | 1,831,350.9 | 814.06 |  |  |  | Average |  |
|  | point40 | 40 | 6,359,521.0 | 1,831,249.5 | 808.00 |  |  |  | Average |  |
|  | point41 | 41 | 6,359,521.5 | 1,831,199.2 | 808.93 |  |  |  | Average |  |
|  | point42 | 42 | 6,359,520.5 | 1,831,149.0 | 810.24 |  |  |  | Average |  |
|  | point43 | 43 | 6,359,518.0 | 1,831,098.8 | 814.40 |  |  |  | Average |  |
|  | point44 | 44 | 6,359,514.5 | 1,831,048.6 | 819.19 |  |  |  | Average |  |
|  | point45 | 45 | 6,359,510.0 | 1,830,998.5 | 822.25 |  |  |  | Average |  |
|  | point46 | 46 | 6,359,504.0 | 1,830,948.6 | 823.83 |  |  |  | Average |  |
|  | point47 | 47 | 6,359,496.5 | 1,830,898.9 | 823.44 |  |  |  | Average |  |
|  | point48 | 48 | 6,359,488.0 | 1,830,849.4 | 820.55 |  |  |  | Average |  |
|  | point49 | 49 | 6,359,478.0 | 1,830,800.0 | 816.24 |  |  |  | Average |  |
|  | point50 | 50 | 6,359,467.0 | 1,830,751.0 | 811.53 |  |  |  | Average |  |
|  | point51 | 51 | 6,359,455.0 | 1,830,702.2 | 802.99 |  |  |  | Average |  |
|  | point52 | 52 | 6,359,441.5 | 1,830,653.9 | 795.67 |  |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|  |         |    |             |             |        |  |  |         |  |
|--|---------|----|-------------|-------------|--------|--|--|---------|--|
|  | point53 | 53 | 6,359,427.0 | 1,830,605.8 | 792.74 |  |  | Average |  |
|  | point54 | 54 | 6,359,411.0 | 1,830,558.0 | 795.36 |  |  | Average |  |
|  | point55 | 55 | 6,359,394.0 | 1,830,510.8 | 799.80 |  |  | Average |  |
|  | point56 | 56 | 6,359,375.5 | 1,830,463.9 | 801.36 |  |  | Average |  |
|  | point57 | 57 | 6,359,356.0 | 1,830,417.5 | 802.11 |  |  | Average |  |
|  | point58 | 58 | 6,359,335.5 | 1,830,371.6 | 804.72 |  |  | Average |  |
|  | point59 | 59 | 6,359,314.0 | 1,830,326.4 | 803.95 |  |  | Average |  |
|  | point60 | 60 | 6,359,291.0 | 1,830,281.6 | 801.18 |  |  | Average |  |
|  | point61 | 61 | 6,359,242.0 | 1,830,188.2 | 794.21 |  |  | Average |  |
|  | point62 | 62 | 6,359,193.0 | 1,830,095.0 | 789.91 |  |  | Average |  |
|  | point63 | 63 | 6,359,143.5 | 1,830,001.6 | 777.51 |  |  | Average |  |
|  | point64 | 64 | 6,359,094.5 | 1,829,908.2 | 763.43 |  |  | Average |  |
|  | point65 | 65 | 6,359,045.5 | 1,829,815.0 | 744.84 |  |  | Average |  |
|  | point66 | 66 | 6,358,996.5 | 1,829,721.6 | 731.83 |  |  | Average |  |
|  | point67 | 67 | 6,358,947.0 | 1,829,628.4 | 721.91 |  |  | Average |  |
|  | point68 | 68 | 6,358,898.0 | 1,829,535.0 | 720.25 |  |  | Average |  |
|  | point69 | 69 | 6,358,849.0 | 1,829,441.8 | 717.05 |  |  | Average |  |
|  | point70 | 70 | 6,358,826.0 | 1,829,399.8 | 715.08 |  |  | Average |  |
|  | point71 | 71 | 6,358,802.5 | 1,829,358.2 | 714.43 |  |  | Average |  |
|  | point72 | 72 | 6,358,777.5 | 1,829,317.5 | 713.28 |  |  | Average |  |
|  | point73 | 73 | 6,358,752.0 | 1,829,277.2 | 713.28 |  |  | Average |  |
|  | point74 | 74 | 6,358,725.5 | 1,829,237.6 | 717.11 |  |  | Average |  |
|  | point75 | 75 | 6,358,697.5 | 1,829,198.6 | 721.40 |  |  | Average |  |
|  | point76 | 76 | 6,358,669.0 | 1,829,160.2 | 720.84 |  |  | Average |  |
|  | point77 | 77 | 6,358,640.0 | 1,829,122.6 | 719.36 |  |  | Average |  |
|  | point78 | 78 | 6,358,609.5 | 1,829,085.8 | 717.48 |  |  | Average |  |
|  | point79 | 79 | 6,358,578.5 | 1,829,049.6 | 715.99 |  |  | Average |  |
|  | point80 | 80 | 6,358,546.5 | 1,829,014.2 | 714.01 |  |  | Average |  |
|  | point81 | 81 | 6,358,513.5 | 1,828,979.6 | 711.42 |  |  | Average |  |
|  | point82 | 82 | 6,358,479.5 | 1,828,945.8 | 707.60 |  |  | Average |  |
|  | point83 | 83 | 6,358,445.0 | 1,828,912.8 | 704.19 |  |  | Average |  |
|  | point84 | 84 | 6,358,410.0 | 1,828,880.5 | 701.84 |  |  | Average |  |
|  | point85 | 85 | 6,358,374.0 | 1,828,849.1 | 697.53 |  |  | Average |  |
|  | point86 | 86 | 6,358,337.0 | 1,828,818.8 | 694.06 |  |  | Average |  |
|  | point87 | 87 | 6,358,299.5 | 1,828,789.1 | 697.96 |  |  | Average |  |
|  | point88 | 88 | 6,358,216.0 | 1,828,724.5 | 696.25 |  |  | Average |  |
|  | point89 | 89 | 6,358,132.0 | 1,828,660.0 | 695.47 |  |  | Average |  |
|  | point90 | 90 | 6,358,048.5 | 1,828,595.4 | 701.30 |  |  | Average |  |
|  | point91 | 91 | 6,357,964.5 | 1,828,530.9 | 705.48 |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|  |          |     |             |             |        |  |  |         |  |
|--|----------|-----|-------------|-------------|--------|--|--|---------|--|
|  | point92  | 92  | 6,357,880.5 | 1,828,466.2 | 709.52 |  |  | Average |  |
|  | point93  | 93  | 6,357,797.0 | 1,828,401.8 | 708.75 |  |  | Average |  |
|  | point94  | 94  | 6,357,713.0 | 1,828,337.1 | 711.11 |  |  | Average |  |
|  | point95  | 95  | 6,357,629.0 | 1,828,272.6 | 710.28 |  |  | Average |  |
|  | point96  | 96  | 6,357,545.5 | 1,828,208.0 | 716.98 |  |  | Average |  |
|  | point97  | 97  | 6,357,461.5 | 1,828,143.5 | 712.35 |  |  | Average |  |
|  | point98  | 98  | 6,357,378.0 | 1,828,078.9 | 714.41 |  |  | Average |  |
|  | point99  | 99  | 6,357,294.0 | 1,828,014.4 | 710.27 |  |  | Average |  |
|  | point100 | 100 | 6,357,210.0 | 1,827,949.8 | 709.80 |  |  | Average |  |
|  | point101 | 101 | 6,357,126.5 | 1,827,885.1 | 707.16 |  |  | Average |  |
|  | point102 | 102 | 6,357,042.5 | 1,827,820.6 | 702.46 |  |  | Average |  |
|  | point103 | 103 | 6,356,958.5 | 1,827,756.0 | 697.76 |  |  | Average |  |
|  | point104 | 104 | 6,356,875.0 | 1,827,691.5 | 692.74 |  |  | Average |  |
|  | point105 | 105 | 6,356,791.0 | 1,827,626.9 | 686.73 |  |  | Average |  |
|  | point106 | 106 | 6,356,707.0 | 1,827,562.4 | 681.57 |  |  | Average |  |
|  | point108 | 108 | 6,356,623.5 | 1,827,497.8 | 677.72 |  |  | Average |  |
|  | point109 | 109 | 6,356,593.5 | 1,827,474.2 | 675.52 |  |  | Average |  |
|  | point110 | 110 | 6,356,564.0 | 1,827,450.1 | 673.32 |  |  | Average |  |
|  | point111 | 111 | 6,356,535.0 | 1,827,425.5 | 671.11 |  |  | Average |  |
|  | point112 | 112 | 6,356,445.5 | 1,827,348.0 | 664.94 |  |  | Average |  |
|  | point113 | 113 | 6,356,356.0 | 1,827,270.5 | 657.70 |  |  | Average |  |
|  | point114 | 114 | 6,356,266.5 | 1,827,193.0 | 651.86 |  |  | Average |  |
|  | point115 | 115 | 6,356,231.0 | 1,827,160.6 | 649.21 |  |  | Average |  |
|  | point116 | 116 | 6,356,197.0 | 1,827,126.5 | 646.57 |  |  | Average |  |
|  | point117 | 117 | 6,356,165.0 | 1,827,090.6 | 642.98 |  |  | Average |  |
|  | point118 | 118 | 6,356,134.5 | 1,827,053.2 | 638.50 |  |  | Average |  |
|  | point119 | 119 | 6,356,106.5 | 1,827,014.5 | 632.40 |  |  | Average |  |
|  | point120 | 120 | 6,356,080.0 | 1,826,974.2 | 623.97 |  |  | Average |  |
|  | point121 | 121 | 6,356,056.0 | 1,826,932.8 | 630.08 |  |  | Average |  |
|  | point122 | 122 | 6,356,033.5 | 1,826,890.0 | 640.72 |  |  | Average |  |
|  | point123 | 123 | 6,356,014.0 | 1,826,846.2 | 646.98 |  |  | Average |  |
|  | point124 | 124 | 6,355,996.0 | 1,826,801.6 | 651.24 |  |  | Average |  |
|  | point125 | 125 | 6,355,981.0 | 1,826,756.0 | 649.69 |  |  | Average |  |
|  | point126 | 126 | 6,355,967.5 | 1,826,709.8 | 649.50 |  |  | Average |  |
|  | point127 | 127 | 6,355,957.0 | 1,826,662.9 | 648.92 |  |  | Average |  |
|  | point128 | 128 | 6,355,948.5 | 1,826,615.6 | 648.26 |  |  | Average |  |
|  | point129 | 129 | 6,355,942.5 | 1,826,567.9 | 646.59 |  |  | Average |  |
|  | point130 | 130 | 6,355,939.0 | 1,826,520.0 | 645.59 |  |  | Average |  |
|  | point131 | 131 | 6,355,934.0 | 1,826,413.9 | 643.53 |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|  |          |     |             |             |        |  |  |  |         |  |
|--|----------|-----|-------------|-------------|--------|--|--|--|---------|--|
|  | point132 | 132 | 6,355,929.0 | 1,826,307.8 | 639.80 |  |  |  | Average |  |
|  | point133 | 133 | 6,355,924.0 | 1,826,201.6 | 637.99 |  |  |  | Average |  |
|  | point134 | 134 | 6,355,919.0 | 1,826,095.5 | 635.43 |  |  |  | Average |  |
|  | point135 | 135 | 6,355,914.0 | 1,825,989.4 | 634.38 |  |  |  | Average |  |
|  | point136 | 136 | 6,355,909.0 | 1,825,883.2 | 633.95 |  |  |  | Average |  |
|  | point137 | 137 | 6,355,904.0 | 1,825,777.1 | 634.29 |  |  |  | Average |  |
|  | point138 | 138 | 6,355,899.5 | 1,825,727.6 | 633.77 |  |  |  | Average |  |
|  | point139 | 139 | 6,355,891.0 | 1,825,678.8 | 633.05 |  |  |  | Average |  |
|  | point140 | 140 | 6,355,878.5 | 1,825,630.8 | 631.20 |  |  |  | Average |  |
|  | point141 | 141 | 6,355,862.0 | 1,825,584.0 | 630.08 |  |  |  | Average |  |
|  | point142 | 142 | 6,355,842.0 | 1,825,538.6 | 628.59 |  |  |  | Average |  |
|  | point143 | 143 | 6,355,818.0 | 1,825,495.2 | 626.67 |  |  |  | Average |  |
|  | point144 | 144 | 6,355,790.5 | 1,825,453.9 | 624.96 |  |  |  | Average |  |
|  | point145 | 145 | 6,355,760.0 | 1,825,414.9 | 622.75 |  |  |  | Average |  |
|  | point146 | 146 | 6,355,726.0 | 1,825,378.6 | 621.69 |  |  |  | Average |  |
|  | point147 | 147 | 6,355,689.5 | 1,825,345.2 | 620.67 |  |  |  | Average |  |
|  | point148 | 148 | 6,355,650.0 | 1,825,315.0 | 619.93 |  |  |  | Average |  |
|  | point149 | 149 | 6,355,543.5 | 1,825,240.2 | 616.32 |  |  |  | Average |  |
|  | point150 | 150 | 6,355,437.5 | 1,825,165.5 | 613.71 |  |  |  | Average |  |
|  | point151 | 151 | 6,355,331.0 | 1,825,090.6 | 610.67 |  |  |  | Average |  |
|  | point152 | 152 | 6,355,292.5 | 1,825,062.0 | 609.23 |  |  |  | Average |  |
|  | point153 | 153 | 6,355,255.5 | 1,825,031.6 | 607.35 |  |  |  | Average |  |
|  | point154 | 154 | 6,355,219.5 | 1,824,999.4 | 605.21 |  |  |  | Average |  |
|  | point155 | 155 | 6,355,185.5 | 1,824,965.5 | 602.79 |  |  |  | Average |  |
|  | point156 | 156 | 6,355,153.0 | 1,824,930.0 | 600.68 |  |  |  | Average |  |
|  | point157 | 157 | 6,355,122.5 | 1,824,893.0 | 600.01 |  |  |  | Average |  |
|  | point158 | 158 | 6,355,093.5 | 1,824,854.6 | 598.86 |  |  |  | Average |  |
|  | point159 | 159 | 6,355,066.5 | 1,824,814.9 | 603.20 |  |  |  | Average |  |
|  | point160 | 160 | 6,355,041.5 | 1,824,773.8 | 605.21 |  |  |  | Average |  |
|  | point161 | 161 | 6,355,018.5 | 1,824,731.6 | 604.42 |  |  |  | Average |  |
|  | point162 | 162 | 6,354,997.5 | 1,824,688.4 | 604.00 |  |  |  | Average |  |
|  | point163 | 163 | 6,354,950.0 | 1,824,584.9 | 601.91 |  |  |  | Average |  |
|  | point164 | 164 | 6,354,902.5 | 1,824,481.4 | 598.87 |  |  |  | Average |  |
|  | point165 | 165 | 6,354,855.5 | 1,824,377.8 | 597.79 |  |  |  | Average |  |
|  | point166 | 166 | 6,354,808.0 | 1,824,274.2 | 597.85 |  |  |  | Average |  |
|  | point167 | 167 | 6,354,761.0 | 1,824,170.8 | 605.10 |  |  |  | Average |  |
|  | point168 | 168 | 6,354,713.5 | 1,824,067.2 | 601.09 |  |  |  | Average |  |
|  | point169 | 169 | 6,354,692.5 | 1,824,024.8 | 598.87 |  |  |  | Average |  |
|  | point170 | 170 | 6,354,668.5 | 1,823,983.8 | 596.01 |  |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|  |          |     |             |             |        |  |  |         |  |
|--|----------|-----|-------------|-------------|--------|--|--|---------|--|
|  | point171 | 171 | 6,354,641.5 | 1,823,944.5 | 595.34 |  |  | Average |  |
|  | point172 | 172 | 6,354,612.5 | 1,823,907.2 | 595.46 |  |  | Average |  |
|  | point173 | 173 | 6,354,550.0 | 1,823,833.0 | 592.64 |  |  | Average |  |
|  | point174 | 174 | 6,354,487.5 | 1,823,758.6 | 592.95 |  |  | Average |  |
|  | point175 | 175 | 6,354,425.0 | 1,823,684.4 | 593.99 |  |  | Average |  |
|  | point176 | 176 | 6,354,319.0 | 1,823,650.4 | 592.28 |  |  | Average |  |
|  | point177 | 177 | 6,354,213.0 | 1,823,616.2 | 600.07 |  |  | Average |  |
|  | point178 | 178 | 6,354,107.0 | 1,823,582.2 | 592.79 |  |  | Average |  |
|  | point179 | 179 | 6,354,001.0 | 1,823,548.1 | 584.73 |  |  | Average |  |
|  | point180 | 180 | 6,353,895.0 | 1,823,514.1 | 580.00 |  |  | Average |  |
|  | point181 | 181 | 6,353,846.5 | 1,823,497.4 | 579.99 |  |  | Average |  |
|  | point182 | 182 | 6,353,799.0 | 1,823,478.8 | 578.23 |  |  | Average |  |
|  | point183 | 183 | 6,353,752.5 | 1,823,458.0 | 577.41 |  |  | Average |  |
|  | point184 | 184 | 6,353,706.5 | 1,823,435.4 | 577.01 |  |  | Average |  |
|  | point185 | 185 | 6,353,662.0 | 1,823,410.8 | 577.71 |  |  | Average |  |
|  | point186 | 186 | 6,353,618.0 | 1,823,384.4 | 578.69 |  |  | Average |  |
|  | point187 | 187 | 6,353,575.5 | 1,823,356.0 | 579.25 |  |  | Average |  |
|  | point188 | 188 | 6,353,534.5 | 1,823,326.0 | 577.56 |  |  | Average |  |
|  | point189 | 189 | 6,353,494.5 | 1,823,294.1 | 575.43 |  |  | Average |  |
|  | point190 | 190 | 6,353,456.0 | 1,823,260.6 | 576.13 |  |  | Average |  |
|  | point191 | 191 | 6,353,419.0 | 1,823,225.6 | 576.29 |  |  | Average |  |
|  | point192 | 192 | 6,353,383.5 | 1,823,188.9 | 575.04 |  |  | Average |  |
|  | point193 | 193 | 6,353,349.5 | 1,823,150.9 | 576.22 |  |  | Average |  |
|  | point194 | 194 | 6,353,317.0 | 1,823,111.2 | 576.65 |  |  | Average |  |
|  | point195 | 195 | 6,353,286.5 | 1,823,070.4 | 576.21 |  |  | Average |  |
|  | point196 | 196 | 6,353,257.5 | 1,823,028.2 | 575.72 |  |  | Average |  |
|  | point197 | 197 | 6,353,230.5 | 1,822,985.0 | 574.91 |  |  | Average |  |
|  | point198 | 198 | 6,353,139.5 | 1,822,831.8 | 584.91 |  |  | Average |  |
|  | point199 | 199 | 6,353,113.0 | 1,822,789.2 | 575.57 |  |  | Average |  |
|  | point200 | 200 | 6,353,084.5 | 1,822,747.9 | 569.12 |  |  | Average |  |
|  | point201 | 201 | 6,353,055.0 | 1,822,707.8 | 567.74 |  |  | Average |  |
|  | point202 | 202 | 6,353,023.0 | 1,822,669.0 | 565.79 |  |  | Average |  |
|  | point203 | 203 | 6,352,990.0 | 1,822,631.5 | 565.52 |  |  | Average |  |
|  | point204 | 204 | 6,352,955.5 | 1,822,595.4 | 564.01 |  |  | Average |  |
|  | point205 | 205 | 6,352,919.0 | 1,822,560.9 | 564.16 |  |  | Average |  |
|  | point206 | 206 | 6,352,881.5 | 1,822,527.8 | 563.17 |  |  | Average |  |
|  | point207 | 207 | 6,352,842.5 | 1,822,496.2 | 562.01 |  |  | Average |  |
|  | point208 | 208 | 6,352,802.5 | 1,822,466.5 | 562.15 |  |  | Average |  |
|  | point209 | 209 | 6,352,761.0 | 1,822,438.4 | 562.19 |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|  |          |     |             |             |        |  |  |  |         |  |
|--|----------|-----|-------------|-------------|--------|--|--|--|---------|--|
|  | point210 | 210 | 6,352,718.5 | 1,822,412.0 | 560.84 |  |  |  | Average |  |
|  | point211 | 211 | 6,352,675.0 | 1,822,387.5 | 560.00 |  |  |  | Average |  |
|  | point212 | 212 | 6,352,630.5 | 1,822,364.8 | 560.00 |  |  |  | Average |  |
|  | point213 | 213 | 6,352,585.0 | 1,822,343.9 | 560.00 |  |  |  | Average |  |
|  | point214 | 214 | 6,352,538.5 | 1,822,325.0 | 560.01 |  |  |  | Average |  |
|  | point215 | 215 | 6,352,443.5 | 1,822,288.4 | 560.61 |  |  |  | Average |  |
|  | point216 | 216 | 6,352,397.5 | 1,822,269.0 | 562.67 |  |  |  | Average |  |
|  | point217 | 217 | 6,352,352.5 | 1,822,247.0 | 563.62 |  |  |  | Average |  |
|  | point218 | 218 | 6,352,309.0 | 1,822,222.2 | 564.76 |  |  |  | Average |  |
|  | point219 | 219 | 6,352,267.5 | 1,822,194.9 | 565.84 |  |  |  | Average |  |
|  | point220 | 220 | 6,352,227.0 | 1,822,165.1 | 566.00 |  |  |  | Average |  |
|  | point221 | 221 | 6,352,189.0 | 1,822,133.0 | 565.39 |  |  |  | Average |  |
|  | point222 | 222 | 6,352,153.0 | 1,822,098.5 | 568.41 |  |  |  | Average |  |
|  | point223 | 223 | 6,352,119.0 | 1,822,062.0 | 570.42 |  |  |  | Average |  |
|  | point224 | 224 | 6,352,087.0 | 1,822,023.5 | 573.25 |  |  |  | Average |  |
|  | point225 | 225 | 6,352,057.5 | 1,821,983.0 | 575.88 |  |  |  | Average |  |
|  | point226 | 226 | 6,352,031.0 | 1,821,941.0 | 576.65 |  |  |  | Average |  |
|  | point227 | 227 | 6,352,006.5 | 1,821,897.4 | 577.58 |  |  |  | Average |  |
|  | point228 | 228 | 6,351,985.0 | 1,821,852.2 | 577.18 |  |  |  | Average |  |
|  | point229 | 229 | 6,351,966.0 | 1,821,806.0 | 576.85 |  |  |  | Average |  |
|  | point230 | 230 | 6,351,950.0 | 1,821,758.8 | 576.17 |  |  |  | Average |  |
|  | point231 | 231 | 6,351,919.0 | 1,821,657.0 | 572.09 |  |  |  | Average |  |
|  | point232 | 232 | 6,351,888.0 | 1,821,555.1 | 562.73 |  |  |  | Average |  |
|  | point233 | 233 | 6,351,857.0 | 1,821,453.4 | 559.32 |  |  |  | Average |  |
|  | point234 | 234 | 6,351,826.0 | 1,821,351.6 | 557.54 |  |  |  | Average |  |
|  | point235 | 235 | 6,351,795.0 | 1,821,249.9 | 555.56 |  |  |  | Average |  |
|  | point236 | 236 | 6,351,764.0 | 1,821,148.0 | 553.39 |  |  |  | Average |  |
|  | point237 | 237 | 6,351,752.0 | 1,821,111.1 | 552.46 |  |  |  | Average |  |
|  | point238 | 238 | 6,351,738.5 | 1,821,074.8 | 551.91 |  |  |  | Average |  |
|  | point239 | 239 | 6,351,704.0 | 1,820,986.4 | 550.28 |  |  |  | Average |  |
|  | point240 | 240 | 6,351,669.5 | 1,820,898.0 | 551.22 |  |  |  | Average |  |
|  | point241 | 241 | 6,351,635.0 | 1,820,809.8 | 550.40 |  |  |  | Average |  |
|  | point242 | 242 | 6,351,600.0 | 1,820,721.4 | 549.58 |  |  |  | Average |  |
|  | point243 | 243 | 6,351,565.5 | 1,820,633.0 | 554.05 |  |  |  | Average |  |
|  | point244 | 244 | 6,351,531.0 | 1,820,544.6 | 570.84 |  |  |  | Average |  |
|  | point245 | 245 | 6,351,496.5 | 1,820,456.4 | 565.16 |  |  |  | Average |  |
|  | point246 | 246 | 6,351,461.5 | 1,820,368.0 | 558.23 |  |  |  | Average |  |
|  | point247 | 247 | 6,351,442.5 | 1,820,323.2 | 557.45 |  |  |  | Average |  |
|  | point248 | 248 | 6,351,420.0 | 1,820,279.9 | 556.80 |  |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|  |          |     |             |             |        |  |  |  |         |  |
|--|----------|-----|-------------|-------------|--------|--|--|--|---------|--|
|  | point249 | 249 | 6,351,394.5 | 1,820,238.2 | 557.66 |  |  |  | Average |  |
|  | point250 | 250 | 6,351,366.5 | 1,820,198.5 | 559.31 |  |  |  | Average |  |
|  | point251 | 251 | 6,351,335.5 | 1,820,160.8 | 565.12 |  |  |  | Average |  |
|  | point252 | 252 | 6,351,302.0 | 1,820,125.4 | 565.85 |  |  |  | Average |  |
|  | point253 | 253 | 6,351,266.0 | 1,820,092.2 | 564.66 |  |  |  | Average |  |
|  | point254 | 254 | 6,351,228.0 | 1,820,061.8 | 563.90 |  |  |  | Average |  |
|  | point255 | 255 | 6,351,188.0 | 1,820,034.0 | 566.28 |  |  |  | Average |  |
|  | point256 | 256 | 6,351,146.0 | 1,820,009.1 | 567.84 |  |  |  | Average |  |
|  | point257 | 257 | 6,351,102.5 | 1,819,987.2 | 568.92 |  |  |  | Average |  |
|  | point258 | 258 | 6,351,057.5 | 1,819,968.5 | 569.05 |  |  |  | Average |  |
|  | point259 | 259 | 6,351,011.0 | 1,819,952.9 | 571.33 |  |  |  | Average |  |
|  | point260 | 260 | 6,350,964.0 | 1,819,940.5 | 574.09 |  |  |  | Average |  |
|  | point261 | 261 | 6,350,916.0 | 1,819,931.4 | 575.07 |  |  |  | Average |  |
|  | point262 | 262 | 6,350,867.5 | 1,819,925.6 | 576.76 |  |  |  | Average |  |
|  | point263 | 263 | 6,350,819.0 | 1,819,923.4 | 576.70 |  |  |  | Average |  |
|  | point264 | 264 | 6,350,770.0 | 1,819,924.4 | 577.00 |  |  |  | Average |  |
|  | point265 | 265 | 6,350,721.5 | 1,819,928.9 | 578.07 |  |  |  | Average |  |
|  | point266 | 266 | 6,350,625.0 | 1,819,941.2 | 579.75 |  |  |  | Average |  |
|  | point267 | 267 | 6,350,528.5 | 1,819,953.5 | 577.74 |  |  |  | Average |  |
|  | point268 | 268 | 6,350,432.0 | 1,819,965.8 | 569.99 |  |  |  | Average |  |
|  | point269 | 269 | 6,350,335.5 | 1,819,978.1 | 567.47 |  |  |  | Average |  |
|  | point270 | 270 | 6,350,239.0 | 1,819,990.4 | 559.88 |  |  |  | Average |  |
|  | point271 | 271 | 6,350,142.5 | 1,820,002.6 | 555.25 |  |  |  | Average |  |
|  | point272 | 272 | 6,350,045.5 | 1,820,015.0 | 556.57 |  |  |  | Average |  |
|  | point273 | 273 | 6,349,996.5 | 1,820,022.0 | 556.30 |  |  |  | Average |  |
|  | point274 | 274 | 6,349,948.0 | 1,820,030.8 | 561.15 |  |  |  | Average |  |
|  | point275 | 275 | 6,349,899.5 | 1,820,041.0 | 565.36 |  |  |  | Average |  |
|  | point276 | 276 | 6,349,851.5 | 1,820,052.9 | 568.28 |  |  |  | Average |  |
|  | point277 | 277 | 6,349,804.0 | 1,820,066.2 | 570.97 |  |  |  | Average |  |
|  | point278 | 278 | 6,349,756.5 | 1,820,081.4 | 577.94 |  |  |  | Average |  |
|  | point279 | 279 | 6,349,710.0 | 1,820,097.9 | 581.95 |  |  |  | Average |  |
|  | point280 | 280 | 6,349,664.0 | 1,820,116.0 | 588.89 |  |  |  | Average |  |
|  | point281 | 281 | 6,349,618.5 | 1,820,135.6 | 595.58 |  |  |  | Average |  |
|  | point282 | 282 | 6,349,573.5 | 1,820,156.6 | 598.12 |  |  |  | Average |  |
|  | point283 | 283 | 6,349,529.5 | 1,820,179.2 | 601.24 |  |  |  | Average |  |
|  | point284 | 284 | 6,349,486.5 | 1,820,203.2 | 602.98 |  |  |  | Average |  |
|  | point285 | 285 | 6,349,389.0 | 1,820,259.2 | 603.55 |  |  |  | Average |  |
|  | point286 | 286 | 6,349,292.0 | 1,820,315.2 | 600.19 |  |  |  | Average |  |
|  | point287 | 287 | 6,349,194.5 | 1,820,371.4 | 594.66 |  |  |  | Average |  |

INPUT: ROADWAYS

8207

|  |  |          |     |             |             |        |  |  |  |         |  |
|--|--|----------|-----|-------------|-------------|--------|--|--|--|---------|--|
|  |  | point288 | 288 | 6,349,097.5 | 1,820,427.4 | 601.27 |  |  |  | Average |  |
|  |  | point289 | 289 | 6,349,000.0 | 1,820,483.4 | 618.04 |  |  |  | Average |  |
|  |  | point290 | 290 | 6,348,903.0 | 1,820,539.5 | 622.41 |  |  |  | Average |  |
|  |  | point291 | 291 | 6,348,805.5 | 1,820,595.5 | 625.29 |  |  |  |         |  |

INPUT: TRAFFIC FOR LAeq1h Percentages

8207

|                                       |                                         |     |         |       |     |         |     |         |     |       |     |             |     |
|---------------------------------------|-----------------------------------------|-----|---------|-------|-----|---------|-----|---------|-----|-------|-----|-------------|-----|
| Dudek                                 |                                         |     |         |       |     |         |     |         |     |       |     |             |     |
| M Greene                              |                                         |     |         |       |     |         |     |         |     |       |     |             |     |
|                                       |                                         |     |         |       |     |         |     |         |     |       |     |             |     |
| INPUT: TRAFFIC FOR LAeq1h Percentages |                                         |     |         |       |     |         |     |         |     |       |     |             |     |
| PROJECT/CONTRACT:                     | 8207                                    |     |         |       |     |         |     |         |     |       |     |             |     |
| RUN:                                  | Otay Ranch Vilg14 PrctrVlly Ex Rev 0817 |     |         |       |     |         |     |         |     |       |     |             |     |
| Roadway                               | Points                                  |     |         |       |     |         |     |         |     |       |     |             |     |
| Name                                  | Name                                    | No. | Segment |       |     |         |     |         |     |       |     |             |     |
|                                       |                                         |     | Total   | Autos |     | MTrucks |     | HTrucks |     | Buses |     | Motorcycles |     |
|                                       |                                         |     | Volume  | P     | S   | P       | S   | P       | S   | P     | S   | P           | S   |
|                                       |                                         |     | veh/hr  | %     | mph | %       | mph | %       | mph | %     | mph | %           | mph |
| Melody Road - Proctor Vly Rd - SR-94  | point379                                | 379 | 30      | 97    | 40  | 2       | 40  | 0       | 0   | 1     | 40  | 0           | 0   |
|                                       | point380                                | 380 |         |       |     |         |     |         |     |       |     |             |     |
| PrctrVllyRd - Melody Rd-SchleeCyn Rd  | point381                                | 381 | 170     | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point382                                | 382 |         |       |     |         |     |         |     |       |     |             |     |
| PrctrVllyRd - SchleeCyn Rd-MaxfieldRd | point383                                | 383 | 210     | 97    | 40  | 2       | 40  | 0       | 0   | 1     | 40  | 0           | 0   |
|                                       | point384                                | 384 |         |       |     |         |     |         |     |       |     |             |     |
| Proctor Valley Rd-HuntePkyw-Northwd   | point385                                | 385 | 580     | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point387                                | 387 | 580     | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point445                                | 445 | 580     | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point444                                | 444 | 580     | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point386                                | 386 |         |       |     |         |     |         |     |       |     |             |     |
| Proctor Valley Rd-Lane Ave-HuntePkyw  | point388                                | 388 | 1420    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point434                                | 434 | 1420    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point389                                | 389 |         |       |     |         |     |         |     |       |     |             |     |
| Proctor Valley Rd-MtMglRd - Lane Ave  | point390                                | 390 | 2000    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point392                                | 392 | 2000    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point430                                | 430 | 2000    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point431                                | 431 | 2000    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point391                                | 391 |         |       |     |         |     |         |     |       |     |             |     |
| SnMglRnch/Mt MglRd-SR125-PrctrVlly    | point394                                | 394 | 1010    | 97    | 40  | 2       | 40  | 0       | 0   | 1     | 40  | 0           | 0   |
|                                       | point428                                | 428 | 1010    | 97    | 40  | 2       | 40  | 0       | 0   | 1     | 40  | 0           | 0   |
|                                       | point395                                | 395 |         |       |     |         |     |         |     |       |     |             |     |
| SanMglRnchRd-PrctrVllyRd - SR-125     | point396                                | 396 | 830     | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|                                      |          |     |      |    |    |   |    |   |   |   |    |   |   |
|--------------------------------------|----------|-----|------|----|----|---|----|---|---|---|----|---|---|
|                                      | point423 | 423 | 830  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point424 | 424 | 830  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point426 | 426 | 830  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point397 | 397 |      |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Rd-SR125 - MtMglRd    | point398 | 398 | 2170 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point429 | 429 | 2170 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point399 | 399 |      |    |    |   |    |   |   |   |    |   |   |
| Northwoods Dr - ProctrVlly-BlueRdgDr | point400 | 400 | 140  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point446 | 446 | 140  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point447 | 447 | 140  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point448 | 448 | 140  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point401 | 401 |      |    |    |   |    |   |   |   |    |   |   |
| Hunte Pkwy-PrctrVllyRd - OtayLksRd   | point402 | 402 | 630  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point437 | 437 | 630  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point435 | 435 | 630  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point436 | 436 | 630  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point406 | 406 | 630  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point403 | 403 |      |    |    |   |    |   |   |   |    |   |   |
| Hunte Pkwy-OtayLksRd-OlmpcPkwy       | point407 | 407 | 1090 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point438 | 438 | 1090 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point439 | 439 | 1090 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point440 | 440 | 1090 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point409 | 409 | 1090 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point408 | 408 |      |    |    |   |    |   |   |   |    |   |   |
| Hunte Pkwy-OlmpcPkwy-EastlkPkwy      | point410 | 410 | 200  | 97 | 50 | 2 | 50 | 0 | 0 | 1 | 50 | 0 | 0 |
|                                      | point412 | 412 | 200  | 97 | 50 | 2 | 50 | 0 | 0 | 1 | 50 | 0 | 0 |
|                                      | point441 | 441 | 200  | 97 | 50 | 2 | 50 | 0 | 0 | 1 | 50 | 0 | 0 |
|                                      | point442 | 442 | 200  | 97 | 50 | 2 | 50 | 0 | 0 | 1 | 50 | 0 | 0 |
|                                      | point443 | 443 | 200  | 97 | 50 | 2 | 50 | 0 | 0 | 1 | 50 | 0 | 0 |
|                                      | point411 | 411 |      |    |    |   |    |   |   |   |    |   |   |
| Lane Ave PrctrVllyRd-OtayLksRd       | point415 | 415 | 1080 | 97 | 40 | 2 | 40 | 0 | 0 | 1 | 40 | 0 | 0 |
|                                      | point433 | 433 | 1080 | 97 | 40 | 2 | 40 | 0 | 0 | 1 | 40 | 0 | 0 |
|                                      | point432 | 432 | 1080 | 97 | 40 | 2 | 40 | 0 | 0 | 1 | 40 | 0 | 0 |
|                                      | point416 | 416 |      |    |    |   |    |   |   |   |    |   |   |
| PrctrVllyRd - MaxfieldRd to SR-94    | point421 | 421 | 250  | 97 | 40 | 2 | 40 | 0 | 0 | 1 | 40 | 0 | 0 |
|                                      | point449 | 449 | 250  | 97 | 40 | 2 | 40 | 0 | 0 | 1 | 40 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|                     |          |     |    |    |    |   |    |   |   |   |    |   |   |
|---------------------|----------|-----|----|----|----|---|----|---|---|---|----|---|---|
|                     | point422 | 422 |    |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Road | point378 | 378 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|                     | point376 | 376 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|                     | point374 | 374 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|                     | point372 | 372 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|                     | point292 | 292 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|                     | point293 | 293 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|                     | point294 | 294 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|                     | point295 | 295 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|                     | point296 | 296 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|                     | point297 | 297 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|                     | point298 | 298 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|                     | point299 | 299 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|                     | point300 | 300 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|                     | point301 | 301 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|                     | point302 | 302 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|                     | point303 | 303 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|                     | point304 | 304 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|                     | point305 | 305 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|                     | point306 | 306 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|                     | point307 | 307 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|                     | point308 | 308 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|                     | point309 | 309 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|                     | point310 | 310 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|                     | point311 | 311 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|                     | point312 | 312 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|                     | point313 | 313 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|                     | point314 | 314 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|                     | point315 | 315 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|                     | point317 | 317 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|                     | point318 | 318 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|                     | point319 | 319 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|                     | point320 | 320 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|                     | point321 | 321 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|                     | point322 | 322 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|                     | point323 | 323 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|  |          |     |    |    |    |   |    |   |   |   |    |   |   |
|--|----------|-----|----|----|----|---|----|---|---|---|----|---|---|
|  | point324 | 324 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point326 | 326 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point327 | 327 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point328 | 328 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point329 | 329 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point330 | 330 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point331 | 331 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point332 | 332 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point333 | 333 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point334 | 334 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point335 | 335 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point336 | 336 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point337 | 337 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point338 | 338 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point339 | 339 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point340 | 340 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point341 | 341 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point342 | 342 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point343 | 343 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point344 | 344 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point345 | 345 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point346 | 346 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point347 | 347 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point348 | 348 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point349 | 349 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point350 | 350 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point351 | 351 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point352 | 352 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point353 | 353 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point354 | 354 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point355 | 355 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point356 | 356 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point357 | 357 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point358 | 358 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point359 | 359 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point360 | 360 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|  |          |     |    |    |    |   |    |   |   |   |    |   |   |
|--|----------|-----|----|----|----|---|----|---|---|---|----|---|---|
|  | point361 | 361 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point362 | 362 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point363 | 363 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point364 | 364 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point365 | 365 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point5   | 5   | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point7   | 7   | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point10  | 10  | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point11  | 11  | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point12  | 12  | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point13  | 13  | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point14  | 14  | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point15  | 15  | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point16  | 16  | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point17  | 17  | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point18  | 18  | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point19  | 19  | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point20  | 20  | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point21  | 21  | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point22  | 22  | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point23  | 23  | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point24  | 24  | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point25  | 25  | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point26  | 26  | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point27  | 27  | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point28  | 28  | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point29  | 29  | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point30  | 30  | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point31  | 31  | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point32  | 32  | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point33  | 33  | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point34  | 34  | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point35  | 35  | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point36  | 36  | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point37  | 37  | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point38  | 38  | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|  |         |    |    |    |    |   |    |   |   |   |    |   |   |
|--|---------|----|----|----|----|---|----|---|---|---|----|---|---|
|  | point39 | 39 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point40 | 40 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point41 | 41 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point42 | 42 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point43 | 43 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point44 | 44 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point45 | 45 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point46 | 46 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point47 | 47 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point48 | 48 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point49 | 49 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point50 | 50 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point51 | 51 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point52 | 52 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point53 | 53 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point54 | 54 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point55 | 55 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point56 | 56 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point57 | 57 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point58 | 58 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point59 | 59 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point60 | 60 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point61 | 61 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point62 | 62 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point63 | 63 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point64 | 64 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point65 | 65 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point66 | 66 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point67 | 67 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point68 | 68 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point69 | 69 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point70 | 70 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point71 | 71 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point72 | 72 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point73 | 73 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point74 | 74 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|  |          |     |    |    |    |   |    |   |   |   |    |   |   |
|--|----------|-----|----|----|----|---|----|---|---|---|----|---|---|
|  | point75  | 75  | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point76  | 76  | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point77  | 77  | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point78  | 78  | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point79  | 79  | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point80  | 80  | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point81  | 81  | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point82  | 82  | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point83  | 83  | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point84  | 84  | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point85  | 85  | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point86  | 86  | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point87  | 87  | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point88  | 88  | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point89  | 89  | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point90  | 90  | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point91  | 91  | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point92  | 92  | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point93  | 93  | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point94  | 94  | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point95  | 95  | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point96  | 96  | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point97  | 97  | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point98  | 98  | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point99  | 99  | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point100 | 100 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point101 | 101 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point102 | 102 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point103 | 103 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point104 | 104 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point105 | 105 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point106 | 106 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point108 | 108 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point109 | 109 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point110 | 110 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point111 | 111 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|  |          |     |    |    |    |   |    |   |   |   |    |   |   |
|--|----------|-----|----|----|----|---|----|---|---|---|----|---|---|
|  | point112 | 112 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point113 | 113 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point114 | 114 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point115 | 115 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point116 | 116 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point117 | 117 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point118 | 118 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point119 | 119 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point120 | 120 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point121 | 121 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point122 | 122 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point123 | 123 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point124 | 124 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point125 | 125 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point126 | 126 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point127 | 127 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point128 | 128 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point129 | 129 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point130 | 130 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point131 | 131 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point132 | 132 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point133 | 133 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point134 | 134 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point135 | 135 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point136 | 136 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point137 | 137 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point138 | 138 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point139 | 139 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point140 | 140 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point141 | 141 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point142 | 142 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point143 | 143 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point144 | 144 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point145 | 145 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point146 | 146 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point147 | 147 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|  |          |     |    |    |    |   |    |   |   |   |    |   |   |
|--|----------|-----|----|----|----|---|----|---|---|---|----|---|---|
|  | point148 | 148 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point149 | 149 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point150 | 150 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point151 | 151 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point152 | 152 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point153 | 153 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point154 | 154 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point155 | 155 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point156 | 156 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point157 | 157 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point158 | 158 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point159 | 159 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point160 | 160 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point161 | 161 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point162 | 162 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point163 | 163 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point164 | 164 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point165 | 165 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point166 | 166 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point167 | 167 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point168 | 168 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point169 | 169 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point170 | 170 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point171 | 171 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point172 | 172 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point173 | 173 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point174 | 174 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point175 | 175 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point176 | 176 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point177 | 177 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point178 | 178 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point179 | 179 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point180 | 180 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point181 | 181 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point182 | 182 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point183 | 183 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|  |          |     |    |    |    |   |    |   |   |   |    |   |   |
|--|----------|-----|----|----|----|---|----|---|---|---|----|---|---|
|  | point184 | 184 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point185 | 185 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point186 | 186 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point187 | 187 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point188 | 188 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point189 | 189 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point190 | 190 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point191 | 191 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point192 | 192 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point193 | 193 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point194 | 194 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point195 | 195 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point196 | 196 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point197 | 197 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point198 | 198 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point199 | 199 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point200 | 200 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point201 | 201 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point202 | 202 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point203 | 203 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point204 | 204 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point205 | 205 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point206 | 206 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point207 | 207 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point208 | 208 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point209 | 209 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point210 | 210 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point211 | 211 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point212 | 212 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point213 | 213 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point214 | 214 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point215 | 215 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point216 | 216 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point217 | 217 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point218 | 218 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point219 | 219 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|  |          |     |    |    |    |   |    |   |   |   |    |   |   |
|--|----------|-----|----|----|----|---|----|---|---|---|----|---|---|
|  | point220 | 220 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point221 | 221 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point222 | 222 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point223 | 223 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point224 | 224 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point225 | 225 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point226 | 226 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point227 | 227 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point228 | 228 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point229 | 229 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point230 | 230 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point231 | 231 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point232 | 232 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point233 | 233 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point234 | 234 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point235 | 235 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point236 | 236 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point237 | 237 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point238 | 238 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point239 | 239 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point240 | 240 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point241 | 241 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point242 | 242 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point243 | 243 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point244 | 244 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point245 | 245 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point246 | 246 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point247 | 247 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point248 | 248 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point249 | 249 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point250 | 250 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point251 | 251 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point252 | 252 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point253 | 253 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point254 | 254 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point255 | 255 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|  |          |     |    |    |    |   |    |   |   |   |    |   |   |
|--|----------|-----|----|----|----|---|----|---|---|---|----|---|---|
|  | point256 | 256 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point257 | 257 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point258 | 258 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point259 | 259 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point260 | 260 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point261 | 261 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point262 | 262 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point263 | 263 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point264 | 264 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point265 | 265 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point266 | 266 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point267 | 267 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point268 | 268 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point269 | 269 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point270 | 270 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point271 | 271 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point272 | 272 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point273 | 273 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point274 | 274 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point275 | 275 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point276 | 276 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point277 | 277 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point278 | 278 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point279 | 279 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point280 | 280 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point281 | 281 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point282 | 282 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point283 | 283 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point284 | 284 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point285 | 285 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point286 | 286 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point287 | 287 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point288 | 288 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point289 | 289 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point290 | 290 | 20 | 97 | 25 | 2 | 25 | 0 | 0 | 1 | 25 | 0 | 0 |
|  | point291 | 291 |    |    |    |   |    |   |   |   |    |   |   |

**INPUT: RECEIVERS**
**8207**

|                                        |                                                |             |                             |             |          |               |                                        |                        |              |             |               |
|----------------------------------------|------------------------------------------------|-------------|-----------------------------|-------------|----------|---------------|----------------------------------------|------------------------|--------------|-------------|---------------|
| Dudek                                  |                                                |             |                             |             |          |               |                                        |                        |              |             |               |
| M Greene                               |                                                |             |                             |             |          |               |                                        |                        |              |             |               |
|                                        |                                                |             |                             |             |          |               |                                        |                        |              |             |               |
| <b>INPUT: RECEIVERS</b>                |                                                |             |                             |             |          |               |                                        |                        |              |             |               |
| <b>PROJECT/CONTRACT:</b>               | <b>8207</b>                                    |             |                             |             |          |               |                                        |                        |              |             |               |
| <b>RUN:</b>                            | <b>Otay Ranch Vilg14 PrctrVlly Ex Rev 0817</b> |             |                             |             |          |               |                                        |                        |              |             |               |
| <b>Receiver</b>                        |                                                |             |                             |             |          |               |                                        |                        |              |             |               |
| <b>Name</b>                            | <b>No.</b>                                     | <b>#DUs</b> | <b>Coordinates (ground)</b> |             |          | <b>Height</b> | <b>Input Sound Levels and Criteria</b> |                        |              |             | <b>Active</b> |
|                                        |                                                |             | <b>X</b>                    | <b>Y</b>    | <b>Z</b> | <b>above</b>  | <b>Existing</b>                        | <b>Impact Criteria</b> |              | <b>NR</b>   | <b>in</b>     |
|                                        |                                                |             |                             |             |          | <b>Ground</b> | <b>LAeq1h</b>                          | <b>LAeq1h</b>          | <b>Sub'l</b> | <b>Goal</b> | <b>Calc.</b>  |
|                                        |                                                |             |                             |             |          |               |                                        |                        |              |             |               |
|                                        |                                                |             | ft                          | ft          | ft       | ft            | dBA                                    | dBA                    | dB           | dB          |               |
| R1 San MiguelRnchRd W of SR125         | 3                                              | 1           | 6,336,436.0                 | 1,822,219.6 | 468.00   | 5.00          | 0.00                                   | 65                     | 10.0         | 8.0         |               |
| R2 MtMiguelRd - ProctorVlly-SnMgl      | 5                                              | 1           | 6,339,900.0                 | 1,821,486.4 | 615.00   | 5.00          | 0.00                                   | 65                     | 10.0         | 8.0         |               |
| R3 PrctrVlly Rd SR15 - MtMiguelRd      | 7                                              | 1           | 6,339,003.0                 | 1,820,430.0 | 582.00   | 5.00          | 0.00                                   | 65                     | 10.0         | 8.0         |               |
| R4 MtMglRd - Lane Ave                  | 9                                              | 1           | 6,340,321.0                 | 1,820,500.0 | 616.00   | 5.00          | 0.00                                   | 65                     | 10.0         | 8.0         |               |
| R5 Lane Ave - PrctrVllyRd-OtayLksRd    | 11                                             | 1           | 6,343,360.0                 | 1,820,300.0 | 634.00   | 5.00          | 0.00                                   | 65                     | 10.0         | 8.0         |               |
| R6 PrctrVllyRd-Lane Ave-HuntePkwy      | 13                                             | 1           | 6,344,053.0                 | 1,820,475.0 | 668.00   | 5.00          | 0.00                                   | 65                     | 10.0         | 8.0         |               |
| R7 HuntePkwy-PrctrVllyRd-OtyLksRd      | 15                                             | 1           | 6,344,700.5                 | 1,819,652.4 | 618.00   | 5.00          | 0.00                                   | 65                     | 10.0         | 8.0         |               |
| R8 HuntePkwy-OtyLksRd-OlmpcPkwy        | 17                                             | 1           | 6,344,900.0                 | 1,816,970.0 | 628.50   | 5.00          | 0.00                                   | 65                     | 10.0         | 8.0         |               |
| R9 HuntePkwy-OlmpcPkwy-EastlkPkwy      | 19                                             | 1           | 6,344,665.0                 | 1,809,346.0 | 479.00   | 5.00          | 0.00                                   | 65                     | 10.0         | 8.0         |               |
| R10 PrctrVllyRd-HuntePkyw-Nrthwd       | 21                                             | 1           | 6,346,300.5                 | 1,820,440.0 | 717.50   | 5.00          | 0.00                                   | 65                     | 10.0         | 8.0         |               |
| R11 NrthwdsDr-ProctrVlly-BlueRdgDr     | 23                                             | 1           | 6,348,750.5                 | 1,819,747.5 | 671.50   | 5.00          | 0.00                                   | 65                     | 10.0         | 8.0         |               |
| M4 / R12 PrctrVlly Rd w of NrthwdsDr   | 27                                             | 1           | 6,348,497.0                 | 1,820,845.9 | 662.00   | 5.00          | 0.00                                   | 65                     | 10.0         | 8.0         |               |
| M6 / R13 SnMglRnchRd e of SR125        | 29                                             | 1           | 6,339,505.5                 | 1,822,497.2 | 625.00   | 5.00          | 0.00                                   | 65                     | 10.0         | 8.0         |               |
| M8 / R14 PrctrVlly Rd n of Project     | 31                                             | 1           | 6,361,958.0                 | 1,836,218.8 | 908.00   | 5.00          | 0.00                                   | 65                     | 10.0         | 8.0         |               |
| M9 / R15 PrtrVllyRd-Melody Rd-SchleeC  | 33                                             | 1           | 6,368,071.5                 | 1,836,854.1 | 1,024.00 | 5.00          | 0.00                                   | 65                     | 10.0         | 8.0         |               |
| M10 / R16 MldyRd - PrctrVllyRd - SR-94 | 35                                             | 1           | 6,370,177.0                 | 1,836,423.4 | 978.00   | 5.00          | 0.00                                   | 65                     | 10.0         | 8.0         |               |
| M11 / R17 PrctrVllyRd-SchleeCyn Rd-Mx  | 37                                             | 1           | 6,368,788.5                 | 1,838,925.6 | 1,050.00 | 5.00          | 0.00                                   | 65                     | 10.0         | 8.0         |               |
| R18 PrctrVllyRd - MaxfieldRd to SR-94  | 39                                             | 1           | 6,371,215.0                 | 1,839,505.0 | 1,020.00 | 5.00          | 0.00                                   | 65                     | 10.0         | 8.0         |               |

## INPUT: BARRIERS

8207

|                   |      |                                         |       |                  |                   |           |          |                    |  |          |     |             |             |        |          |         |          |     |               |
|-------------------|------|-----------------------------------------|-------|------------------|-------------------|-----------|----------|--------------------|--|----------|-----|-------------|-------------|--------|----------|---------|----------|-----|---------------|
| Dudek             |      |                                         |       |                  | 12 September 2017 |           |          |                    |  |          |     |             |             |        |          |         |          |     |               |
| M Greene          |      |                                         |       |                  | TNM 2.5           |           |          |                    |  |          |     |             |             |        |          |         |          |     |               |
| INPUT: BARRIERS   |      |                                         |       |                  |                   |           |          |                    |  |          |     |             |             |        |          |         |          |     |               |
| PROJECT/CONTRACT: |      | 8207                                    |       |                  |                   |           |          |                    |  |          |     |             |             |        |          |         |          |     |               |
| RUN:              |      | Otay Ranch Vilg14 PrctrVily Ex Rev 0817 |       |                  |                   |           |          |                    |  |          |     |             |             |        |          |         |          |     |               |
| Barrier           |      |                                         |       |                  |                   |           |          |                    |  | Points   |     |             |             |        |          |         |          |     |               |
| Name              | Type | Height                                  |       | If Wall          | If Berm           |           |          | Add'tnl            |  | Name     | No. | Coordinates | (bottom)    |        | Height   | Segment |          |     |               |
|                   |      | Min                                     | Max   | \$ per Unit Area | \$ per Unit Vol.  | Top Width | Run:Rise | \$ per Unit Length |  |          |     | X           | Y           | Z      | at Point | Seg Ht  | Perturbs | On  | Important     |
|                   |      | ft                                      | ft    | \$/sq ft         | \$/cu yd          | ft        | ft:ft    | \$/ft              |  |          |     | ft          | ft          | ft     | ft       | ft      | #Up      | #Dn | Reflec-tions? |
| Barrier17         | W    | 0.00                                    | 99.99 | 0.00             |                   |           |          | 0.00               |  | point223 | 223 | 6,337,800.0 | 1,822,229.6 | 534.50 | 6.00     | 0.00    | 0        | 0   |               |
|                   |      |                                         |       |                  |                   |           |          |                    |  | point224 | 224 | 6,336,466.5 | 1,822,229.6 | 467.50 | 6.00     | 0.00    | 0        | 0   |               |
|                   |      |                                         |       |                  |                   |           |          |                    |  | point225 | 225 | 6,335,800.0 | 1,822,229.6 | 434.00 | 6.00     |         |          |     |               |
| Barrier18         | W    | 0.00                                    | 99.99 | 0.00             |                   |           |          | 0.00               |  | point226 | 226 | 6,339,890.0 | 1,820,650.0 | 594.00 | 6.00     | 0.00    | 0        | 0   |               |
|                   |      |                                         |       |                  |                   |           |          |                    |  | point227 | 227 | 6,339,890.0 | 1,821,450.0 | 615.00 | 6.00     | 0.00    | 0        | 0   |               |
|                   |      |                                         |       |                  |                   |           |          |                    |  | point228 | 228 | 6,339,890.0 | 1,822,300.0 | 641.00 | 6.00     |         |          |     |               |
| Barrier19         | W    | 0.00                                    | 99.99 | 0.00             |                   |           |          | 0.00               |  | point229 | 229 | 6,339,430.0 | 1,820,440.0 | 582.00 | 6.00     | 0.00    | 0        | 0   |               |
|                   |      |                                         |       |                  |                   |           |          |                    |  | point230 | 230 | 6,338,993.5 | 1,820,440.0 | 582.00 | 6.00     | 0.00    | 0        | 0   |               |
|                   |      |                                         |       |                  |                   |           |          |                    |  | point231 | 231 | 6,338,331.0 | 1,820,440.0 | 582.00 | 6.00     |         |          |     |               |
| Barrier20         | W    | 0.00                                    | 99.99 | 0.00             |                   |           |          | 0.00               |  | point232 | 232 | 6,340,965.0 | 1,820,510.0 | 637.00 | 6.00     | 0.00    | 0        | 0   |               |
|                   |      |                                         |       |                  |                   |           |          |                    |  | point233 | 233 | 6,340,382.5 | 1,820,510.0 | 616.00 | 6.00     | 0.00    | 0        | 0   |               |
|                   |      |                                         |       |                  |                   |           |          |                    |  | point234 | 234 | 6,339,800.0 | 1,820,510.0 | 596.00 | 6.00     |         |          |     |               |
| Barrier21         | W    | 0.00                                    | 99.99 | 0.00             |                   |           |          | 0.00               |  | point235 | 235 | 6,343,350.0 | 1,820,550.0 | 642.00 | 6.00     | 0.00    | 0        | 0   |               |
|                   |      |                                         |       |                  |                   |           |          |                    |  | point236 | 236 | 6,343,350.0 | 1,819,775.0 | 632.80 | 6.00     | 0.00    | 0        | 0   |               |
|                   |      |                                         |       |                  |                   |           |          |                    |  | point237 | 237 | 6,343,350.0 | 1,819,000.0 | 623.50 | 6.00     |         |          |     |               |
| Barrier22         | W    | 0.00                                    | 99.99 | 0.00             |                   |           |          | 0.00               |  | point238 | 238 | 6,344,725.0 | 1,820,485.0 | 672.00 | 6.00     | 0.00    | 0        | 0   |               |
|                   |      |                                         |       |                  |                   |           |          |                    |  | point239 | 239 | 6,344,050.0 | 1,820,485.0 | 668.00 | 6.00     | 0.00    | 0        | 0   |               |
|                   |      |                                         |       |                  |                   |           |          |                    |  | point240 | 240 | 6,343,375.0 | 1,820,485.0 | 664.00 | 6.00     |         |          |     |               |
| Barrier23         | W    | 0.00                                    | 99.99 | 0.00             |                   |           |          | 0.00               |  | point241 | 241 | 6,344,710.0 | 1,820,182.5 | 644.00 | 6.00     | 0.00    | 0        | 0   |               |
|                   |      |                                         |       |                  |                   |           |          |                    |  | point242 | 242 | 6,344,710.0 | 1,819,770.0 | 624.00 | 6.00     | 0.00    | 0        | 0   |               |
|                   |      |                                         |       |                  |                   |           |          |                    |  | point244 | 244 | 6,344,710.0 | 1,819,632.5 | 617.33 | 6.00     | 0.00    | 0        | 0   |               |
|                   |      |                                         |       |                  |                   |           |          |                    |  | point243 | 243 | 6,344,710.0 | 1,819,357.5 | 604.00 | 6.00     |         |          |     |               |
| Barrier24         | W    | 0.00                                    | 99.99 | 0.00             |                   |           |          | 0.00               |  | point246 | 246 | 6,344,890.0 | 1,817,682.5 | 620.80 | 6.00     | 0.00    | 0        | 0   |               |
|                   |      |                                         |       |                  |                   |           |          |                    |  | point247 | 247 | 6,344,890.0 | 1,816,970.0 | 628.50 | 6.00     | 0.00    | 0        | 0   |               |
|                   |      |                                         |       |                  |                   |           |          |                    |  | point248 | 248 | 6,344,890.0 | 1,816,257.5 | 636.30 | 6.00     |         |          |     |               |
| Barrier25         | W    | 0.00                                    | 99.99 | 0.00             |                   |           |          | 0.00               |  | point249 | 249 | 6,344,675.0 | 1,810,821.2 | 545.00 | 6.00     | 0.00    | 0        | 0   |               |
|                   |      |                                         |       |                  |                   |           |          |                    |  | point250 | 250 | 6,344,675.0 | 1,809,416.0 | 479.00 | 6.00     | 0.00    | 0        | 0   |               |
|                   |      |                                         |       |                  |                   |           |          |                    |  | point251 | 251 | 6,344,675.0 | 1,808,010.6 | 504.00 | 6.00     |         |          |     |               |
| Barrier26         | W    | 0.00                                    | 99.99 | 0.00             |                   |           |          | 0.00               |  | point252 | 252 | 6,348,298.0 | 1,820,815.5 | 660.00 | 6.00     | 0.00    | 0        | 0   |               |
|                   |      |                                         |       |                  |                   |           |          |                    |  | point253 | 253 | 6,348,499.0 | 1,820,815.5 | 660.00 | 6.00     | 0.00    | 0        | 0   |               |
|                   |      |                                         |       |                  |                   |           |          |                    |  | point254 | 254 | 6,348,588.0 | 1,820,898.6 | 660.00 | 6.00     |         |          |     |               |
| Barrier27         | W    | 0.00                                    | 99.99 | 0.00             |                   |           |          | 0.00               |  | point255 | 255 | 6,346,800.5 | 1,820,450.0 | 730.00 | 6.00     | 0.00    | 0        | 0   |               |
|                   |      |                                         |       |                  |                   |           |          |                    |  | point256 | 256 | 6,346,300.5 | 1,820,450.0 | 717.50 | 6.00     | 0.00    | 0        | 0   |               |
|                   |      |                                         |       |                  |                   |           |          |                    |  | point257 | 257 | 6,345,800.5 | 1,820,450.0 | 705.00 | 6.00     |         |          |     |               |
| Barrier28         | W    | 0.00                                    | 99.99 | 0.00             |                   |           |          | 0.00               |  | point258 | 258 | 6,348,760.5 | 1,820,171.2 | 652.80 | 6.00     | 0.00    | 0        | 0   |               |

INPUT: BARRIERS

8207

|  |  |  |  |  |  |  |  |  |          |     |             |             |        |      |      |   |   |  |  |
|--|--|--|--|--|--|--|--|--|----------|-----|-------------|-------------|--------|------|------|---|---|--|--|
|  |  |  |  |  |  |  |  |  | point259 | 259 | 6,348,760.5 | 1,819,747.5 | 671.50 | 6.00 | 0.00 | 0 | 0 |  |  |
|  |  |  |  |  |  |  |  |  | point260 | 260 | 6,348,760.5 | 1,819,323.8 | 691.30 | 6.00 |      |   |   |  |  |

## RESULTS: SOUND LEVELS

8207

|                                         |     |                                         |                 |            |        |            |           |        |              |                 |      |            |  |
|-----------------------------------------|-----|-----------------------------------------|-----------------|------------|--------|------------|-----------|--------|--------------|-----------------|------|------------|--|
| Dudek<br>M Greene                       |     |                                         |                 |            |        |            |           |        |              |                 |      |            |  |
|                                         |     |                                         |                 |            |        |            |           |        |              |                 |      |            |  |
|                                         |     |                                         |                 |            |        |            |           |        |              |                 |      |            |  |
| RESULTS: SOUND LEVELS                   |     |                                         |                 |            |        |            |           |        |              |                 |      |            |  |
| PROJECT/CONTRACT:                       |     | 8207                                    |                 |            |        |            |           |        |              |                 |      |            |  |
| RUN:                                    |     | Otay Ranch Vilg14 PrctrVlly Ex Rev 0817 |                 |            |        |            |           |        |              |                 |      |            |  |
| BARRIER DESIGN:                         |     | INPUT HEIGHTS                           |                 |            |        |            |           |        |              |                 |      |            |  |
|                                         |     |                                         |                 |            |        |            |           |        |              |                 |      |            |  |
| ATMOSPHERICS:                           |     | 68 deg F, 50% RH                        |                 |            |        |            |           |        |              |                 |      |            |  |
|                                         |     |                                         |                 |            |        |            |           |        |              |                 |      |            |  |
| Receiver                                |     |                                         |                 |            |        |            |           |        |              |                 |      |            |  |
| Name                                    | No. | #DUs                                    | Existing        | No Barrier |        |            |           |        | With Barrier |                 |      |            |  |
|                                         |     |                                         | LAeq1h          | LAeq1h     |        |            |           |        | Calculated   | Noise Reduction |      |            |  |
|                                         |     |                                         |                 | Calculated | Crit'n | Calculated | Crit'n    | Impact | LAeq1h       | Calculated      | Goal | Calculated |  |
|                                         |     |                                         |                 |            |        |            | Sub'l Inc |        |              |                 |      | minus      |  |
|                                         |     |                                         |                 |            |        |            |           |        |              |                 |      | Goal       |  |
|                                         |     |                                         | dBA             | dBA        | dBA    | dB         | dB        |        | dBA          | dB              | dB   | dB         |  |
| R1 San MiguelRnchRd W of SR125          | 3   | 1                                       | 0.0             | 64.2       | 65     | 64.2       | 10        | ----   | 64.2         | 0.0             | 8    | -8.0       |  |
| R2 MtMiguelRd - ProctorVlly-SnMgl       | 5   | 1                                       | 0.0             | 53.6       | 65     | 53.6       | 10        | ----   | 53.6         | 0.0             | 8    | -8.0       |  |
| R3 PrctrVlly Rd SR15 - MtMiguelRd       | 7   | 1                                       | 0.0             | 54.5       | 65     | 54.5       | 10        | ----   | 54.5         | 0.0             | 8    | -8.0       |  |
| R4 MtMglRd - Lane Ave                   | 9   | 1                                       | 0.0             | 63.0       | 65     | 63.0       | 10        | ----   | 63.0         | 0.0             | 8    | -8.0       |  |
| R5 Lane Ave - PrctrVllyRd-OtayLksRd     | 11  | 1                                       | 0.0             | 53.9       | 65     | 53.9       | 10        | ----   | 53.9         | 0.0             | 8    | -8.0       |  |
| R6 PrctrVllyRd-Lane Ave-HuntePkwy       | 13  | 1                                       | 0.0             | 54.6       | 65     | 54.6       | 10        | ----   | 54.6         | 0.0             | 8    | -8.0       |  |
| R7 HuntePkwy-PrctrVllyRd-OtyLksRd       | 15  | 1                                       | 0.0             | 52.3       | 65     | 52.3       | 10        | ----   | 52.3         | 0.0             | 8    | -8.0       |  |
| R8 HuntePkwy-OtyLksRd-OlmpcPkwy         | 17  | 1                                       | 0.0             | 57.4       | 65     | 57.4       | 10        | ----   | 57.4         | 0.0             | 8    | -8.0       |  |
| R9 HuntePkwy-OlmpcPkwy-EastlkPkwy       | 19  | 1                                       | 0.0             | 46.9       | 65     | 46.9       | 10        | ----   | 46.9         | 0.0             | 8    | -8.0       |  |
| R10 PrctrVllyRd-HuntePkyw-Nrthwd        | 21  | 1                                       | 0.0             | 49.6       | 65     | 49.6       | 10        | ----   | 49.6         | 0.0             | 8    | -8.0       |  |
| R11 NrthwdsDr-ProctrVlly-BlueRdgDr      | 23  | 1                                       | 0.0             | 49.6       | 65     | 49.6       | 10        | ----   | 49.6         | 0.0             | 8    | -8.0       |  |
| M4 / R12 PrctrVlly Rd w of NrthwdsDr    | 27  | 1                                       | 0.0             | 50.6       | 65     | 50.6       | 10        | ----   | 50.6         | 0.0             | 8    | -8.0       |  |
| M6 / R13 SnMglRnchRd e of SR125         | 29  | 1                                       | 0.0             | 59.0       | 65     | 59.0       | 10        | ----   | 59.0         | 0.0             | 8    | -8.0       |  |
| M8 / R14 PrctrVlly Rd n of Project      | 31  | 1                                       | 0.0             | 38.7       | 65     | 38.7       | 10        | ----   | 38.7         | 0.0             | 8    | -8.0       |  |
| M9 / R15 PrtrVllyRd-Melody Rd-SchleeCyn | 33  | 1                                       | 0.0             | 49.1       | 65     | 49.1       | 10        | ----   | 49.1         | 0.0             | 8    | -8.0       |  |
| M10 / R16 MldyRd - PrctrVllyRd - SR-94  | 35  | 1                                       | 0.0             | 47.9       | 65     | 47.9       | 10        | ----   | 47.9         | 0.0             | 8    | -8.0       |  |
| M11 / R17 PrctrVllyRd-SchleeCyn Rd-Mxfl | 37  | 1                                       | 0.0             | 57.0       | 65     | 57.0       | 10        | ----   | 57.0         | 0.0             | 8    | -8.0       |  |
| R18 PrctrVllyRd - MaxfieldRd to SR-94   | 39  | 1                                       | 0.0             | 59.4       | 65     | 59.4       | 10        | ----   | 59.4         | 0.0             | 8    | -8.0       |  |
| Dwelling Units                          |     | # DUs                                   | Noise Reduction |            |        |            |           |        |              |                 |      |            |  |
|                                         |     |                                         | Min             | Avg        | Max    |            |           |        |              |                 |      |            |  |
|                                         |     |                                         | dB              | dB         | dB     |            |           |        |              |                 |      |            |  |
| All Selected                            |     | 18                                      | 0.0             | 0.0        | 0.0    |            |           |        |              |                 |      |            |  |
| All Impacted                            |     | 0                                       | 0.0             | 0.0        | 0.0    |            |           |        |              |                 |      |            |  |

RESULTS: SOUND LEVELS

8207

|                       |  |   |     |     |     |  |  |  |  |  |  |
|-----------------------|--|---|-----|-----|-----|--|--|--|--|--|--|
| All that meet NR Goal |  | 0 | 0.0 | 0.0 | 0.0 |  |  |  |  |  |  |
|-----------------------|--|---|-----|-----|-----|--|--|--|--|--|--|

**INPUT: ROADWAYS**
**8207**

|                                       |                                                |               |            |                               |             |          |                     |                   |                 |             |                |
|---------------------------------------|------------------------------------------------|---------------|------------|-------------------------------|-------------|----------|---------------------|-------------------|-----------------|-------------|----------------|
| Dudek                                 |                                                |               |            |                               |             |          |                     |                   |                 |             |                |
| M Greene                              |                                                |               |            |                               |             |          |                     |                   |                 |             |                |
|                                       |                                                |               |            |                               |             |          |                     |                   |                 |             |                |
| <b>INPUT: ROADWAYS</b>                |                                                |               |            |                               |             |          |                     |                   |                 |             |                |
| <b>PROJECT/CONTRACT:</b>              | <b>8207</b>                                    |               |            |                               |             |          |                     |                   |                 |             |                |
| <b>RUN:</b>                           | <b>Oty Rnch V4 PrctrVlly Ex w ProjRev 0817</b> |               |            |                               |             |          |                     |                   |                 |             |                |
| <b>Roadway</b>                        |                                                | <b>Points</b> |            |                               |             |          |                     |                   |                 |             |                |
| <b>Name</b>                           | <b>Width</b>                                   | <b>Name</b>   | <b>No.</b> | <b>Coordinates (pavement)</b> |             |          | <b>Flow Control</b> |                   |                 |             | <b>Segment</b> |
|                                       |                                                |               |            | <b>X</b>                      | <b>Y</b>    | <b>Z</b> | <b>Control</b>      | <b>Speed</b>      | <b>Percent</b>  | <b>Pvmt</b> | <b>On</b>      |
|                                       |                                                |               |            |                               |             |          | <b>Device</b>       | <b>Constraint</b> | <b>Vehicles</b> | <b>Type</b> | <b>Struct?</b> |
|                                       |                                                |               |            |                               |             |          |                     |                   | <b>Affected</b> |             |                |
|                                       | ft                                             |               |            | ft                            | ft          | ft       |                     | mph               | %               |             |                |
| Melody Road - Proctor Vly Rd - SR-94  | 25.0                                           | point379      | 379        | 6,368,196.0                   | 1,836,340.0 | 1,030.00 |                     |                   |                 | Average     |                |
|                                       |                                                | point380      | 380        | 6,371,196.0                   | 1,836,340.0 | 950.00   |                     |                   |                 |             |                |
| PrctrVllyRd - Melody Rd-SchleeCyn Rd  | 45.0                                           | point381      | 381        | 6,368,180.0                   | 1,836,341.0 | 1,040.00 |                     |                   |                 | Average     |                |
|                                       |                                                | point382      | 382        | 6,368,180.0                   | 1,838,940.0 | 1,044.00 |                     |                   |                 |             |                |
| PrctrVllyRd - SchleeCyn Rd-MaxfieldRd | 25.0                                           | point383      | 383        | 6,368,180.0                   | 1,839,000.0 | 1,044.00 |                     |                   |                 | Average     |                |
|                                       |                                                | point384      | 384        | 6,371,263.5                   | 1,839,000.0 | 1,040.00 |                     |                   |                 |             |                |
| Proctor Valley Rd-HuntePkyw-Northwd   | 100.0                                          | point385      | 385        | 6,348,800.5                   | 1,820,600.0 | 630.00   |                     |                   |                 | Average     |                |
|                                       |                                                | point387      | 387        | 6,346,800.5                   | 1,820,600.0 | 700.00   |                     |                   |                 | Average     |                |
|                                       |                                                | point445      | 445        | 6,346,300.5                   | 1,820,600.0 | 687.50   |                     |                   |                 | Average     |                |
|                                       |                                                | point444      | 444        | 6,345,800.5                   | 1,820,600.0 | 675.00   |                     |                   |                 | Average     |                |
|                                       |                                                | point386      | 386        | 6,344,801.5                   | 1,820,600.0 | 650.00   |                     |                   |                 |             |                |
| Proctor Valley Rd-Lane Ave-HuntePkwY  | 100.0                                          | point388      | 388        | 6,344,800.0                   | 1,820,600.0 | 650.00   |                     |                   |                 | Average     |                |
|                                       |                                                | point434      | 434        | 6,344,050.0                   | 1,820,600.0 | 646.00   |                     |                   |                 | Average     |                |
|                                       |                                                | point389      | 389        | 6,343,300.0                   | 1,820,600.0 | 642.00   |                     |                   |                 |             |                |
| Proctor Valley Rd-MtMglRd - Lane Ave  | 100.0                                          | point390      | 390        | 6,343,295.0                   | 1,820,600.0 | 642.00   |                     |                   |                 | Average     |                |
|                                       |                                                | point392      | 392        | 6,342,130.0                   | 1,820,600.0 | 670.00   |                     |                   |                 | Average     |                |
|                                       |                                                | point430      | 430        | 6,340,965.0                   | 1,820,600.0 | 629.00   |                     |                   |                 | Average     |                |
|                                       |                                                | point431      | 431        | 6,340,382.5                   | 1,820,600.0 | 608.50   |                     |                   |                 | Average     |                |
|                                       |                                                | point391      | 391        | 6,339,800.0                   | 1,820,600.0 | 588.00   |                     |                   |                 |             |                |
| SnMglRnch/Mt MglRd-SR125-PrctrVlly    | 70.0                                           | point394      | 394        | 6,339,800.0                   | 1,820,601.0 | 588.00   |                     |                   |                 | Average     |                |
|                                       |                                                | point428      | 428        | 6,339,800.0                   | 1,821,450.0 | 611.50   |                     |                   |                 | Average     |                |
|                                       |                                                | point395      | 395        | 6,339,800.0                   | 1,822,300.0 | 635.00   |                     |                   |                 |             |                |
| SanMglRnchRd-PrctrVllyRd - SR-125     | 75.0                                           | point396      | 396        | 6,339,799.0                   | 1,822,295.0 | 635.00   |                     |                   |                 | Average     |                |
|                                       |                                                | point423      | 423        | 6,338,800.0                   | 1,822,294.5 | 584.75   |                     |                   |                 | Average     |                |
|                                       |                                                | point424      | 424        | 6,337,800.0                   | 1,822,294.0 | 534.50   |                     |                   |                 | Average     |                |

**INPUT: ROADWAYS**
**8207**

|                                      |       |          |     |             |             |          |  |  |  |         |  |
|--------------------------------------|-------|----------|-----|-------------|-------------|----------|--|--|--|---------|--|
|                                      |       | point426 | 426 | 6,336,466.5 | 1,822,293.2 | 467.50   |  |  |  | Average |  |
|                                      |       | point397 | 397 | 6,335,800.0 | 1,822,292.9 | 434.00   |  |  |  |         |  |
| Proctor Valley Rd-SR125 - MtMglRd    | 100.0 | point398 | 398 | 6,339,800.0 | 1,820,595.0 | 588.00   |  |  |  | Average |  |
|                                      |       | point429 | 429 | 6,339,000.0 | 1,820,595.0 | 552.00   |  |  |  | Average |  |
|                                      |       | point399 | 399 | 6,338,200.0 | 1,820,595.0 | 516.00   |  |  |  |         |  |
| Northwoods Dr - ProctrVlly-BlueRdgDr | 25.0  | point400 | 400 | 6,348,800.5 | 1,820,595.0 | 630.00   |  |  |  | Average |  |
|                                      |       | point446 | 446 | 6,348,800.5 | 1,820,171.2 | 648.75   |  |  |  | Average |  |
|                                      |       | point447 | 447 | 6,348,800.5 | 1,819,747.5 | 667.50   |  |  |  | Average |  |
|                                      |       | point448 | 448 | 6,348,800.5 | 1,819,323.8 | 686.25   |  |  |  | Average |  |
|                                      |       | point401 | 401 | 6,348,800.5 | 1,818,900.0 | 705.00   |  |  |  |         |  |
| Hunte Pkwy-PrctrVllyRd - OtayLksRd   | 75.0  | point402 | 402 | 6,344,800.0 | 1,820,595.0 | 650.00   |  |  |  | Average |  |
|                                      |       | point437 | 437 | 6,344,800.0 | 1,820,182.5 | 630.00   |  |  |  | Average |  |
|                                      |       | point435 | 435 | 6,344,800.0 | 1,819,770.0 | 610.00   |  |  |  | Average |  |
|                                      |       | point436 | 436 | 6,344,800.0 | 1,819,357.5 | 590.00   |  |  |  | Average |  |
|                                      |       | point406 | 406 | 6,344,800.0 | 1,818,945.0 | 570.00   |  |  |  | Average |  |
|                                      |       | point403 | 403 | 6,344,800.0 | 1,818,395.0 | 619.00   |  |  |  |         |  |
| Hunte Pkwy-OtayLksRd-OlmpcPkwy       | 85.0  | point407 | 407 | 6,344,800.0 | 1,818,395.0 | 619.00   |  |  |  | Average |  |
|                                      |       | point438 | 438 | 6,344,800.0 | 1,817,682.5 | 626.75   |  |  |  | Average |  |
|                                      |       | point439 | 439 | 6,344,800.0 | 1,816,970.0 | 634.50   |  |  |  | Average |  |
|                                      |       | point440 | 440 | 6,344,800.0 | 1,816,257.5 | 642.25   |  |  |  | Average |  |
|                                      |       | point409 | 409 | 6,344,800.0 | 1,815,545.0 | 650.00   |  |  |  | Average |  |
|                                      |       | point408 | 408 | 6,344,800.0 | 1,812,695.0 | 525.00   |  |  |  |         |  |
| Hunte Pkwy-OlmpcPkwy-EastlkPkwy      | 105.0 | point410 | 410 | 6,344,800.0 | 1,812,690.0 | 525.00   |  |  |  | Average |  |
|                                      |       | point412 | 412 | 6,344,800.0 | 1,810,821.2 | 460.00   |  |  |  | Average |  |
|                                      |       | point441 | 441 | 6,344,800.0 | 1,809,416.0 | 485.00   |  |  |  | Average |  |
|                                      |       | point442 | 442 | 6,344,800.0 | 1,808,010.6 | 510.00   |  |  |  | Average |  |
|                                      |       | point443 | 443 | 6,344,800.0 | 1,806,605.2 | 535.00   |  |  |  | Average |  |
|                                      |       | point411 | 411 | 6,344,800.0 | 1,805,200.0 | 560.00   |  |  |  |         |  |
| Lane Ave PrctrVllyRd-OtayLksRd       | 75.0  | point415 | 415 | 6,343,300.0 | 1,820,600.0 | 642.00   |  |  |  | Average |  |
|                                      |       | point433 | 433 | 6,343,300.0 | 1,819,775.0 | 632.75   |  |  |  | Average |  |
|                                      |       | point432 | 432 | 6,343,300.0 | 1,818,950.0 | 623.50   |  |  |  | Average |  |
|                                      |       | point416 | 416 | 6,343,300.0 | 1,817,300.0 | 605.00   |  |  |  |         |  |
| PrctrVllyRd - MaxfieldRd to SR-94    | 30.0  | point421 | 421 | 6,371,265.0 | 1,839,010.0 | 1,040.00 |  |  |  | Average |  |
|                                      |       | point449 | 449 | 6,371,265.0 | 1,839,505.0 | 1,020.00 |  |  |  | Average |  |
|                                      |       | point422 | 422 | 6,371,265.0 | 1,840,000.0 | 1,000.00 |  |  |  |         |  |
| Proctor Valley Rd - Ent 7 to Ent 8   | 40.0  | point845 | 845 | 6,360,531.5 | 1,833,317.4 | 906.00   |  |  |  | Average |  |
|                                      |       | point847 | 847 | 6,360,575.5 | 1,833,349.5 | 907.90   |  |  |  | Average |  |
|                                      |       | point848 | 848 | 6,360,599.5 | 1,833,371.0 | 909.90   |  |  |  | Average |  |
|                                      |       | point849 | 849 | 6,360,619.5 | 1,833,396.1 | 911.90   |  |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|                                           |      |          |     |             |             |        |  |  |  |         |  |
|-------------------------------------------|------|----------|-----|-------------|-------------|--------|--|--|--|---------|--|
|                                           |      | point850 | 850 | 6,360,635.5 | 1,833,424.1 | 913.80 |  |  |  | Average |  |
|                                           |      | point851 | 851 | 6,360,691.0 | 1,833,542.9 | 922.50 |  |  |  | Average |  |
|                                           |      | point852 | 852 | 6,360,706.0 | 1,833,570.1 | 924.20 |  |  |  | Average |  |
|                                           |      | point853 | 853 | 6,360,725.0 | 1,833,594.6 | 924.70 |  |  |  | Average |  |
|                                           |      | point854 | 854 | 6,360,747.5 | 1,833,615.9 | 925.20 |  |  |  | Average |  |
|                                           |      | point855 | 855 | 6,360,829.5 | 1,833,682.5 | 927.00 |  |  |  | Average |  |
|                                           |      | point856 | 856 | 6,360,855.5 | 1,833,707.2 | 927.50 |  |  |  | Average |  |
|                                           |      | point857 | 857 | 6,360,876.0 | 1,833,736.1 | 928.20 |  |  |  | Average |  |
|                                           |      | point858 | 858 | 6,360,891.5 | 1,833,768.2 | 929.40 |  |  |  | Average |  |
|                                           |      | point859 | 859 | 6,360,896.5 | 1,833,806.6 | 930.60 |  |  |  | Average |  |
|                                           |      | point860 | 860 | 6,360,896.5 | 1,833,838.9 | 931.80 |  |  |  | Average |  |
|                                           |      | point861 | 861 | 6,360,896.5 | 1,834,681.8 | 923.90 |  |  |  | Average |  |
|                                           |      | point862 | 862 | 6,360,893.5 | 1,834,739.8 | 919.80 |  |  |  | Average |  |
|                                           |      | point863 | 863 | 6,360,885.0 | 1,834,798.1 | 915.70 |  |  |  | Average |  |
|                                           |      | point864 | 864 | 6,360,878.0 | 1,834,855.4 | 911.70 |  |  |  | Average |  |
|                                           |      | point893 | 893 | 6,360,868.5 | 1,834,918.4 | 908.80 |  |  |  |         |  |
| Proctor Valley Road - Ent 8 to Melody     | 25.0 | point881 | 881 | 6,368,149.0 | 1,836,340.0 | 960.00 |  |  |  | Average |  |
|                                           |      | point882 | 882 | 6,366,145.0 | 1,836,340.0 | 968.00 |  |  |  | Average |  |
|                                           |      | point883 | 883 | 6,362,537.5 | 1,836,340.0 | 910.00 |  |  |  |         |  |
| Proctor Valley Road - Proj Ent 1 to Chula | 60.0 | point884 | 884 | 6,354,425.0 | 1,823,684.4 | 591.80 |  |  |  | Average |  |
|                                           |      | point602 | 602 | 6,354,319.0 | 1,823,650.4 | 591.10 |  |  |  | Average |  |
|                                           |      | point603 | 603 | 6,354,213.0 | 1,823,616.2 | 591.00 |  |  |  | Average |  |
|                                           |      | point604 | 604 | 6,354,107.0 | 1,823,582.2 | 589.90 |  |  |  | Average |  |
|                                           |      | point605 | 605 | 6,354,001.0 | 1,823,548.1 | 588.80 |  |  |  | Average |  |
|                                           |      | point606 | 606 | 6,353,895.0 | 1,823,514.1 | 587.60 |  |  |  | Average |  |
|                                           |      | point607 | 607 | 6,353,846.5 | 1,823,497.4 | 587.10 |  |  |  | Average |  |
|                                           |      | point608 | 608 | 6,353,799.0 | 1,823,478.8 | 586.60 |  |  |  | Average |  |
|                                           |      | point609 | 609 | 6,353,752.5 | 1,823,458.0 | 586.10 |  |  |  | Average |  |
|                                           |      | point610 | 610 | 6,353,706.5 | 1,823,435.4 | 585.60 |  |  |  | Average |  |
|                                           |      | point611 | 611 | 6,353,662.0 | 1,823,410.8 | 585.10 |  |  |  | Average |  |
|                                           |      | point612 | 612 | 6,353,618.0 | 1,823,384.4 | 584.60 |  |  |  | Average |  |
|                                           |      | point613 | 613 | 6,353,575.5 | 1,823,356.0 | 584.10 |  |  |  | Average |  |
|                                           |      | point614 | 614 | 6,353,534.5 | 1,823,326.0 | 583.60 |  |  |  | Average |  |
|                                           |      | point615 | 615 | 6,353,494.5 | 1,823,294.1 | 583.10 |  |  |  | Average |  |
|                                           |      | point616 | 616 | 6,353,456.0 | 1,823,260.6 | 582.50 |  |  |  | Average |  |
|                                           |      | point617 | 617 | 6,353,419.0 | 1,823,225.6 | 582.00 |  |  |  | Average |  |
|                                           |      | point618 | 618 | 6,353,383.5 | 1,823,188.9 | 581.50 |  |  |  | Average |  |
|                                           |      | point619 | 619 | 6,353,349.5 | 1,823,150.9 | 581.00 |  |  |  | Average |  |
|                                           |      | point620 | 620 | 6,353,317.0 | 1,823,111.2 | 580.50 |  |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|  |          |     |             |             |        |  |  |  |         |  |
|--|----------|-----|-------------|-------------|--------|--|--|--|---------|--|
|  | point621 | 621 | 6,353,286.5 | 1,823,070.4 | 580.00 |  |  |  | Average |  |
|  | point622 | 622 | 6,353,257.5 | 1,823,028.2 | 579.50 |  |  |  | Average |  |
|  | point623 | 623 | 6,353,230.5 | 1,822,985.0 | 579.00 |  |  |  | Average |  |
|  | point624 | 624 | 6,353,139.5 | 1,822,831.8 | 577.20 |  |  |  | Average |  |
|  | point625 | 625 | 6,353,113.0 | 1,822,789.2 | 576.70 |  |  |  | Average |  |
|  | point626 | 626 | 6,353,084.5 | 1,822,747.9 | 576.30 |  |  |  | Average |  |
|  | point627 | 627 | 6,353,055.0 | 1,822,707.8 | 576.60 |  |  |  | Average |  |
|  | point628 | 628 | 6,353,023.0 | 1,822,669.0 | 577.10 |  |  |  | Average |  |
|  | point629 | 629 | 6,352,990.0 | 1,822,631.5 | 577.60 |  |  |  | Average |  |
|  | point630 | 630 | 6,352,955.5 | 1,822,595.4 | 578.10 |  |  |  | Average |  |
|  | point631 | 631 | 6,352,919.0 | 1,822,560.9 | 578.60 |  |  |  | Average |  |
|  | point632 | 632 | 6,352,881.5 | 1,822,527.8 | 579.10 |  |  |  | Average |  |
|  | point633 | 633 | 6,352,842.5 | 1,822,496.2 | 579.60 |  |  |  | Average |  |
|  | point634 | 634 | 6,352,802.5 | 1,822,466.5 | 580.10 |  |  |  | Average |  |
|  | point635 | 635 | 6,352,761.0 | 1,822,438.4 | 580.60 |  |  |  | Average |  |
|  | point636 | 636 | 6,352,718.5 | 1,822,412.0 | 581.10 |  |  |  | Average |  |
|  | point637 | 637 | 6,352,675.0 | 1,822,387.5 | 580.60 |  |  |  | Average |  |
|  | point638 | 638 | 6,352,630.5 | 1,822,364.8 | 581.00 |  |  |  | Average |  |
|  | point639 | 639 | 6,352,585.0 | 1,822,343.9 | 581.50 |  |  |  | Average |  |
|  | point640 | 640 | 6,352,538.5 | 1,822,325.0 | 582.00 |  |  |  | Average |  |
|  | point641 | 641 | 6,352,443.5 | 1,822,288.4 | 583.10 |  |  |  | Average |  |
|  | point642 | 642 | 6,352,397.5 | 1,822,269.0 | 583.30 |  |  |  | Average |  |
|  | point643 | 643 | 6,352,352.5 | 1,822,247.0 | 583.20 |  |  |  | Average |  |
|  | point644 | 644 | 6,352,309.0 | 1,822,222.2 | 582.70 |  |  |  | Average |  |
|  | point645 | 645 | 6,352,267.5 | 1,822,194.9 | 582.20 |  |  |  | Average |  |
|  | point646 | 646 | 6,352,227.0 | 1,822,165.1 | 581.70 |  |  |  | Average |  |
|  | point647 | 647 | 6,352,189.0 | 1,822,133.0 | 581.20 |  |  |  | Average |  |
|  | point648 | 648 | 6,352,153.0 | 1,822,098.5 | 580.70 |  |  |  | Average |  |
|  | point649 | 649 | 6,352,119.0 | 1,822,062.0 | 580.20 |  |  |  | Average |  |
|  | point650 | 650 | 6,352,087.0 | 1,822,023.5 | 579.70 |  |  |  | Average |  |
|  | point651 | 651 | 6,352,057.5 | 1,821,983.0 | 579.20 |  |  |  | Average |  |
|  | point652 | 652 | 6,352,031.0 | 1,821,941.0 | 578.70 |  |  |  | Average |  |
|  | point653 | 653 | 6,352,006.5 | 1,821,897.4 | 578.20 |  |  |  | Average |  |
|  | point654 | 654 | 6,351,985.0 | 1,821,852.2 | 577.70 |  |  |  | Average |  |
|  | point655 | 655 | 6,351,966.0 | 1,821,806.0 | 577.20 |  |  |  | Average |  |
|  | point656 | 656 | 6,351,950.0 | 1,821,758.8 | 576.70 |  |  |  | Average |  |
|  | point657 | 657 | 6,351,919.0 | 1,821,657.0 | 575.60 |  |  |  | Average |  |
|  | point658 | 658 | 6,351,888.0 | 1,821,555.1 | 574.50 |  |  |  | Average |  |
|  | point659 | 659 | 6,351,857.0 | 1,821,453.4 | 573.50 |  |  |  | Average |  |

INPUT: ROADWAYS

8207

|  |  |          |     |             |             |        |  |  |  |         |  |
|--|--|----------|-----|-------------|-------------|--------|--|--|--|---------|--|
|  |  | point660 | 660 | 6,351,826.0 | 1,821,351.6 | 572.40 |  |  |  | Average |  |
|  |  | point661 | 661 | 6,351,795.0 | 1,821,249.9 | 571.30 |  |  |  | Average |  |
|  |  | point662 | 662 | 6,351,764.0 | 1,821,148.0 | 570.30 |  |  |  | Average |  |
|  |  | point663 | 663 | 6,351,752.0 | 1,821,111.1 | 569.90 |  |  |  | Average |  |
|  |  | point664 | 664 | 6,351,738.5 | 1,821,074.8 | 569.50 |  |  |  | Average |  |
|  |  | point665 | 665 | 6,351,704.0 | 1,820,986.4 | 568.60 |  |  |  | Average |  |
|  |  | point666 | 666 | 6,351,669.5 | 1,820,898.0 | 568.40 |  |  |  | Average |  |
|  |  | point667 | 667 | 6,351,635.0 | 1,820,809.8 | 569.40 |  |  |  | Average |  |
|  |  | point668 | 668 | 6,351,600.0 | 1,820,721.4 | 570.40 |  |  |  | Average |  |
|  |  | point669 | 669 | 6,351,565.5 | 1,820,633.0 | 571.30 |  |  |  | Average |  |
|  |  | point670 | 670 | 6,351,531.0 | 1,820,544.6 | 572.20 |  |  |  | Average |  |
|  |  | point671 | 671 | 6,351,496.5 | 1,820,456.4 | 572.80 |  |  |  | Average |  |
|  |  | point672 | 672 | 6,351,461.5 | 1,820,368.0 | 571.90 |  |  |  | Average |  |
|  |  | point673 | 673 | 6,351,442.5 | 1,820,323.2 | 571.40 |  |  |  | Average |  |
|  |  | point674 | 674 | 6,351,420.0 | 1,820,279.9 | 570.90 |  |  |  | Average |  |
|  |  | point675 | 675 | 6,351,394.5 | 1,820,238.2 | 570.40 |  |  |  | Average |  |
|  |  | point676 | 676 | 6,351,366.5 | 1,820,198.5 | 569.90 |  |  |  | Average |  |
|  |  | point677 | 677 | 6,351,335.5 | 1,820,160.8 | 569.40 |  |  |  | Average |  |
|  |  | point678 | 678 | 6,351,302.0 | 1,820,125.4 | 568.90 |  |  |  | Average |  |
|  |  | point679 | 679 | 6,351,266.0 | 1,820,092.2 | 568.40 |  |  |  | Average |  |
|  |  | point680 | 680 | 6,351,228.0 | 1,820,061.8 | 567.90 |  |  |  | Average |  |
|  |  | point681 | 681 | 6,351,188.0 | 1,820,034.0 | 567.50 |  |  |  | Average |  |
|  |  | point682 | 682 | 6,351,146.0 | 1,820,009.1 | 567.00 |  |  |  | Average |  |
|  |  | point683 | 683 | 6,351,102.5 | 1,819,987.2 | 566.50 |  |  |  | Average |  |
|  |  | point684 | 684 | 6,351,057.5 | 1,819,968.5 | 566.00 |  |  |  | Average |  |
|  |  | point685 | 685 | 6,351,011.0 | 1,819,952.9 | 565.50 |  |  |  | Average |  |
|  |  | point686 | 686 | 6,350,964.0 | 1,819,940.5 | 565.00 |  |  |  | Average |  |
|  |  | point687 | 687 | 6,350,916.0 | 1,819,931.4 | 564.50 |  |  |  | Average |  |
|  |  | point688 | 688 | 6,350,867.5 | 1,819,925.6 | 564.00 |  |  |  | Average |  |
|  |  | point689 | 689 | 6,350,819.0 | 1,819,923.4 | 563.60 |  |  |  | Average |  |
|  |  | point690 | 690 | 6,350,770.0 | 1,819,924.4 | 563.10 |  |  |  | Average |  |
|  |  | point691 | 691 | 6,350,721.5 | 1,819,928.9 | 562.60 |  |  |  | Average |  |
|  |  | point692 | 692 | 6,350,625.0 | 1,819,941.2 | 561.70 |  |  |  | Average |  |
|  |  | point693 | 693 | 6,350,528.5 | 1,819,953.5 | 561.60 |  |  |  | Average |  |
|  |  | point694 | 694 | 6,350,432.0 | 1,819,965.8 | 562.60 |  |  |  | Average |  |
|  |  | point695 | 695 | 6,350,335.5 | 1,819,978.1 | 565.10 |  |  |  | Average |  |
|  |  | point696 | 696 | 6,350,239.0 | 1,819,990.4 | 568.80 |  |  |  | Average |  |
|  |  | point697 | 697 | 6,350,142.5 | 1,820,002.6 | 572.20 |  |  |  | Average |  |
|  |  | point698 | 698 | 6,350,045.5 | 1,820,015.0 | 575.60 |  |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|                                       |      |          |     |             |             |        |  |  |  |         |  |
|---------------------------------------|------|----------|-----|-------------|-------------|--------|--|--|--|---------|--|
|                                       |      | point699 | 699 | 6,349,996.5 | 1,820,022.0 | 577.30 |  |  |  | Average |  |
|                                       |      | point700 | 700 | 6,349,948.0 | 1,820,030.8 | 579.00 |  |  |  | Average |  |
|                                       |      | point701 | 701 | 6,349,899.5 | 1,820,041.0 | 580.80 |  |  |  | Average |  |
|                                       |      | point702 | 702 | 6,349,851.5 | 1,820,052.9 | 582.50 |  |  |  | Average |  |
|                                       |      | point703 | 703 | 6,349,804.0 | 1,820,066.2 | 584.20 |  |  |  | Average |  |
|                                       |      | point704 | 704 | 6,349,756.5 | 1,820,081.4 | 585.90 |  |  |  | Average |  |
|                                       |      | point705 | 705 | 6,349,710.0 | 1,820,097.9 | 587.70 |  |  |  | Average |  |
|                                       |      | point706 | 706 | 6,349,664.0 | 1,820,116.0 | 589.40 |  |  |  | Average |  |
|                                       |      | point707 | 707 | 6,349,618.5 | 1,820,135.6 | 591.10 |  |  |  | Average |  |
|                                       |      | point708 | 708 | 6,349,573.5 | 1,820,156.6 | 592.80 |  |  |  | Average |  |
|                                       |      | point709 | 709 | 6,349,529.5 | 1,820,179.2 | 594.60 |  |  |  | Average |  |
|                                       |      | point710 | 710 | 6,349,486.5 | 1,820,203.2 | 596.30 |  |  |  | Average |  |
|                                       |      | point711 | 711 | 6,349,389.0 | 1,820,259.2 | 600.20 |  |  |  | Average |  |
|                                       |      | point712 | 712 | 6,349,292.0 | 1,820,315.2 | 604.10 |  |  |  | Average |  |
|                                       |      | point713 | 713 | 6,349,194.5 | 1,820,371.4 | 608.00 |  |  |  | Average |  |
|                                       |      | point714 | 714 | 6,349,097.5 | 1,820,427.4 | 611.90 |  |  |  | Average |  |
|                                       |      | point715 | 715 | 6,349,000.0 | 1,820,483.4 | 615.90 |  |  |  | Average |  |
|                                       |      | point716 | 716 | 6,348,903.0 | 1,820,539.5 | 619.80 |  |  |  | Average |  |
|                                       |      | point717 | 717 | 6,348,819.5 | 1,820,587.5 | 624.60 |  |  |  |         |  |
| Proctor Valley Road - Proj Ent 1 to 2 | 60.0 | point886 | 886 | 6,354,855.5 | 1,824,377.8 | 603.80 |  |  |  | Average |  |
|                                       |      | point592 | 592 | 6,354,808.0 | 1,824,274.2 | 602.10 |  |  |  | Average |  |
|                                       |      | point593 | 593 | 6,354,761.0 | 1,824,170.8 | 600.40 |  |  |  | Average |  |
|                                       |      | point594 | 594 | 6,354,713.5 | 1,824,067.2 | 598.60 |  |  |  | Average |  |
|                                       |      | point595 | 595 | 6,354,692.5 | 1,824,024.8 | 597.90 |  |  |  | Average |  |
|                                       |      | point596 | 596 | 6,354,668.5 | 1,823,983.8 | 597.20 |  |  |  | Average |  |
|                                       |      | point597 | 597 | 6,354,641.5 | 1,823,944.5 | 596.40 |  |  |  | Average |  |
|                                       |      | point598 | 598 | 6,354,612.5 | 1,823,907.2 | 595.70 |  |  |  | Average |  |
|                                       |      | point599 | 599 | 6,354,550.0 | 1,823,833.0 | 594.20 |  |  |  | Average |  |
|                                       |      | point885 | 885 | 6,354,487.5 | 1,823,758.6 | 593.10 |  |  |  | Average |  |
|                                       |      | point601 | 601 | 6,354,425.0 | 1,823,684.4 | 591.80 |  |  |  |         |  |
| Proctor Valley Road - Proj Ent 2 to 3 | 60.0 | point887 | 887 | 6,355,996.0 | 1,826,801.6 | 649.50 |  |  |  | Average |  |
|                                       |      | point551 | 551 | 6,355,981.0 | 1,826,756.0 | 648.90 |  |  |  | Average |  |
|                                       |      | point552 | 552 | 6,355,967.5 | 1,826,709.8 | 648.10 |  |  |  | Average |  |
|                                       |      | point553 | 553 | 6,355,957.0 | 1,826,662.9 | 647.30 |  |  |  | Average |  |
|                                       |      | point554 | 554 | 6,355,948.5 | 1,826,615.6 | 646.50 |  |  |  | Average |  |
|                                       |      | point555 | 555 | 6,355,942.5 | 1,826,567.9 | 645.70 |  |  |  | Average |  |
|                                       |      | point556 | 556 | 6,355,939.0 | 1,826,520.0 | 644.90 |  |  |  | Average |  |
|                                       |      | point557 | 557 | 6,355,934.0 | 1,826,413.9 | 643.10 |  |  |  | Average |  |
|                                       |      | point558 | 558 | 6,355,929.0 | 1,826,307.8 | 641.40 |  |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|                                       |      |          |     |             |             |        |  |  |  |         |  |
|---------------------------------------|------|----------|-----|-------------|-------------|--------|--|--|--|---------|--|
|                                       |      | point559 | 559 | 6,355,924.0 | 1,826,201.6 | 639.60 |  |  |  | Average |  |
|                                       |      | point560 | 560 | 6,355,919.0 | 1,826,095.5 | 637.80 |  |  |  | Average |  |
|                                       |      | point561 | 561 | 6,355,914.0 | 1,825,989.4 | 636.30 |  |  |  | Average |  |
|                                       |      | point562 | 562 | 6,355,909.0 | 1,825,883.2 | 635.20 |  |  |  | Average |  |
|                                       |      | point563 | 563 | 6,355,904.0 | 1,825,777.1 | 634.10 |  |  |  | Average |  |
|                                       |      | point564 | 564 | 6,355,899.5 | 1,825,727.6 | 633.60 |  |  |  | Average |  |
|                                       |      | point565 | 565 | 6,355,891.0 | 1,825,678.8 | 633.10 |  |  |  | Average |  |
|                                       |      | point566 | 566 | 6,355,878.5 | 1,825,630.8 | 632.60 |  |  |  | Average |  |
|                                       |      | point567 | 567 | 6,355,862.0 | 1,825,584.0 | 632.20 |  |  |  | Average |  |
|                                       |      | point568 | 568 | 6,355,842.0 | 1,825,538.6 | 631.70 |  |  |  | Average |  |
|                                       |      | point569 | 569 | 6,355,818.0 | 1,825,495.2 | 631.20 |  |  |  | Average |  |
|                                       |      | point570 | 570 | 6,355,790.5 | 1,825,453.9 | 630.70 |  |  |  | Average |  |
|                                       |      | point571 | 571 | 6,355,760.0 | 1,825,414.9 | 630.20 |  |  |  | Average |  |
|                                       |      | point572 | 572 | 6,355,726.0 | 1,825,378.6 | 629.70 |  |  |  | Average |  |
|                                       |      | point573 | 573 | 6,355,689.5 | 1,825,345.2 | 629.20 |  |  |  | Average |  |
|                                       |      | point574 | 574 | 6,355,650.0 | 1,825,315.0 | 628.70 |  |  |  | Average |  |
|                                       |      | point575 | 575 | 6,355,543.5 | 1,825,240.2 | 627.40 |  |  |  | Average |  |
|                                       |      | point576 | 576 | 6,355,437.5 | 1,825,165.5 | 626.10 |  |  |  | Average |  |
|                                       |      | point577 | 577 | 6,355,331.0 | 1,825,090.6 | 624.80 |  |  |  | Average |  |
|                                       |      | point578 | 578 | 6,355,292.5 | 1,825,062.0 | 624.30 |  |  |  | Average |  |
|                                       |      | point579 | 579 | 6,355,255.5 | 1,825,031.6 | 623.80 |  |  |  | Average |  |
|                                       |      | point580 | 580 | 6,355,219.5 | 1,824,999.4 | 623.30 |  |  |  | Average |  |
|                                       |      | point581 | 581 | 6,355,185.5 | 1,824,965.5 | 622.80 |  |  |  | Average |  |
|                                       |      | point582 | 582 | 6,355,153.0 | 1,824,930.0 | 622.40 |  |  |  | Average |  |
|                                       |      | point583 | 583 | 6,355,122.5 | 1,824,893.0 | 621.90 |  |  |  | Average |  |
|                                       |      | point584 | 584 | 6,355,093.5 | 1,824,854.6 | 621.30 |  |  |  | Average |  |
|                                       |      | point585 | 585 | 6,355,066.5 | 1,824,814.9 | 620.50 |  |  |  | Average |  |
|                                       |      | point586 | 586 | 6,355,041.5 | 1,824,773.8 | 619.40 |  |  |  | Average |  |
|                                       |      | point587 | 587 | 6,355,018.5 | 1,824,731.6 | 617.90 |  |  |  | Average |  |
|                                       |      | point588 | 588 | 6,354,997.5 | 1,824,688.4 | 616.00 |  |  |  | Average |  |
|                                       |      | point589 | 589 | 6,354,950.0 | 1,824,584.9 | 611.00 |  |  |  | Average |  |
|                                       |      | point590 | 590 | 6,354,902.5 | 1,824,481.4 | 606.40 |  |  |  | Average |  |
|                                       |      | point591 | 591 | 6,354,855.5 | 1,824,377.8 | 603.80 |  |  |  |         |  |
| Proctor Valley Road - Proj Ent 3 to 4 | 75.0 | point888 | 888 | 6,356,791.0 | 1,827,626.9 | 692.80 |  |  |  | Average |  |
|                                       |      | point533 | 533 | 6,356,707.0 | 1,827,562.4 | 689.10 |  |  |  | Average |  |
|                                       |      | point534 | 534 | 6,356,623.5 | 1,827,497.8 | 684.20 |  |  |  | Average |  |
|                                       |      | point535 | 535 | 6,356,593.5 | 1,827,474.2 | 682.40 |  |  |  | Average |  |
|                                       |      | point536 | 536 | 6,356,564.0 | 1,827,450.1 | 680.70 |  |  |  | Average |  |
|                                       |      | point537 | 537 | 6,356,535.0 | 1,827,425.5 | 679.00 |  |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|                                       |      |          |     |             |             |        |  |  |  |         |  |
|---------------------------------------|------|----------|-----|-------------|-------------|--------|--|--|--|---------|--|
|                                       |      | point538 | 538 | 6,356,445.5 | 1,827,348.0 | 673.40 |  |  |  | Average |  |
|                                       |      | point539 | 539 | 6,356,356.0 | 1,827,270.5 | 667.50 |  |  |  | Average |  |
|                                       |      | point540 | 540 | 6,356,266.5 | 1,827,193.0 | 662.30 |  |  |  | Average |  |
|                                       |      | point541 | 541 | 6,356,231.0 | 1,827,160.6 | 660.20 |  |  |  | Average |  |
|                                       |      | point542 | 542 | 6,356,197.0 | 1,827,126.5 | 658.30 |  |  |  | Average |  |
|                                       |      | point543 | 543 | 6,356,165.0 | 1,827,090.6 | 656.40 |  |  |  | Average |  |
|                                       |      | point544 | 544 | 6,356,134.5 | 1,827,053.2 | 655.00 |  |  |  | Average |  |
|                                       |      | point545 | 545 | 6,356,106.5 | 1,827,014.5 | 653.80 |  |  |  | Average |  |
|                                       |      | point546 | 546 | 6,356,080.0 | 1,826,974.2 | 652.90 |  |  |  | Average |  |
|                                       |      | point547 | 547 | 6,356,056.0 | 1,826,932.8 | 652.10 |  |  |  | Average |  |
|                                       |      | point548 | 548 | 6,356,033.5 | 1,826,890.0 | 650.40 |  |  |  | Average |  |
|                                       |      | point549 | 549 | 6,356,014.0 | 1,826,846.2 | 650.50 |  |  |  | Average |  |
|                                       |      | point550 | 550 | 6,355,996.0 | 1,826,801.6 | 649.50 |  |  |  |         |  |
| Proctor Valley Road - Proj Ent 4 to 5 | 60.0 | point889 | 889 | 6,359,116.5 | 1,829,950.2 | 763.10 |  |  |  | Average |  |
|                                       |      | point485 | 485 | 6,359,094.5 | 1,829,907.9 | 762.40 |  |  |  | Average |  |
|                                       |      | point486 | 486 | 6,359,072.0 | 1,829,865.5 | 761.60 |  |  |  | Average |  |
|                                       |      | point487 | 487 | 6,359,049.5 | 1,829,823.1 | 760.60 |  |  |  | Average |  |
|                                       |      | point488 | 488 | 6,359,027.5 | 1,829,780.8 | 759.00 |  |  |  | Average |  |
|                                       |      | point489 | 489 | 6,359,005.0 | 1,829,738.4 | 756.50 |  |  |  | Average |  |
|                                       |      | point490 | 490 | 6,358,982.5 | 1,829,696.0 | 753.50 |  |  |  | Average |  |
|                                       |      | point491 | 491 | 6,358,960.5 | 1,829,653.6 | 750.00 |  |  |  | Average |  |
|                                       |      | point492 | 492 | 6,358,938.0 | 1,829,611.2 | 746.90 |  |  |  | Average |  |
|                                       |      | point493 | 493 | 6,358,916.0 | 1,829,568.9 | 744.90 |  |  |  | Average |  |
|                                       |      | point494 | 494 | 6,358,893.5 | 1,829,526.5 | 743.00 |  |  |  | Average |  |
|                                       |      | point495 | 495 | 6,358,871.0 | 1,829,484.1 | 741.50 |  |  |  | Average |  |
|                                       |      | point496 | 496 | 6,358,849.0 | 1,829,441.8 | 740.10 |  |  |  | Average |  |
|                                       |      | point497 | 497 | 6,358,803.5 | 1,829,368.9 | 737.40 |  |  |  | Average |  |
|                                       |      | point498 | 498 | 6,358,748.5 | 1,829,303.2 | 734.70 |  |  |  | Average |  |
|                                       |      | point499 | 499 | 6,358,712.0 | 1,829,265.8 | 733.10 |  |  |  | Average |  |
|                                       |      | point500 | 500 | 6,358,675.5 | 1,829,228.2 | 731.40 |  |  |  | Average |  |
|                                       |      | point501 | 501 | 6,358,639.0 | 1,829,190.8 | 729.80 |  |  |  | Average |  |
|                                       |      | point502 | 502 | 6,358,602.5 | 1,829,153.2 | 728.10 |  |  |  | Average |  |
|                                       |      | point503 | 503 | 6,358,566.5 | 1,829,115.8 | 726.50 |  |  |  | Average |  |
|                                       |      | point504 | 504 | 6,358,530.0 | 1,829,078.2 | 724.80 |  |  |  | Average |  |
|                                       |      | point505 | 505 | 6,358,493.5 | 1,829,040.8 | 723.20 |  |  |  | Average |  |
|                                       |      | point506 | 506 | 6,358,457.0 | 1,829,003.2 | 721.50 |  |  |  | Average |  |
|                                       |      | point507 | 507 | 6,358,421.0 | 1,828,965.2 | 719.90 |  |  |  | Average |  |
|                                       |      | point508 | 508 | 6,358,385.5 | 1,828,927.2 | 718.30 |  |  |  | Average |  |
|                                       |      | point509 | 509 | 6,358,349.5 | 1,828,889.1 | 716.70 |  |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|                                       |      |          |     |             |             |        |  |  |  |         |  |
|---------------------------------------|------|----------|-----|-------------|-------------|--------|--|--|--|---------|--|
|                                       |      | point510 | 510 | 6,358,313.5 | 1,828,851.1 | 715.20 |  |  |  | Average |  |
|                                       |      | point511 | 511 | 6,358,278.0 | 1,828,813.1 | 714.20 |  |  |  | Average |  |
|                                       |      | point512 | 512 | 6,358,242.0 | 1,828,775.1 | 713.60 |  |  |  | Average |  |
|                                       |      | point513 | 513 | 6,358,206.0 | 1,828,737.0 | 713.00 |  |  |  | Average |  |
|                                       |      | point514 | 514 | 6,358,170.5 | 1,828,699.0 | 712.50 |  |  |  | Average |  |
|                                       |      | point515 | 515 | 6,358,136.5 | 1,828,665.6 | 712.00 |  |  |  | Average |  |
|                                       |      | point516 | 516 | 6,358,100.0 | 1,828,635.1 | 711.50 |  |  |  | Average |  |
|                                       |      | point517 | 517 | 6,358,048.5 | 1,828,595.4 | 710.90 |  |  |  | Average |  |
|                                       |      | point518 | 518 | 6,357,964.5 | 1,828,530.9 | 709.80 |  |  |  | Average |  |
|                                       |      | point519 | 519 | 6,357,880.5 | 1,828,466.2 | 708.80 |  |  |  | Average |  |
|                                       |      | point520 | 520 | 6,357,797.0 | 1,828,401.8 | 707.70 |  |  |  | Average |  |
|                                       |      | point521 | 521 | 6,357,713.0 | 1,828,337.1 | 706.70 |  |  |  | Average |  |
|                                       |      | point522 | 522 | 6,357,629.0 | 1,828,272.6 | 705.60 |  |  |  | Average |  |
|                                       |      | point523 | 523 | 6,357,545.5 | 1,828,208.0 | 704.50 |  |  |  | Average |  |
|                                       |      | point524 | 524 | 6,357,461.5 | 1,828,143.5 | 703.50 |  |  |  | Average |  |
|                                       |      | point525 | 525 | 6,357,378.0 | 1,828,078.9 | 702.40 |  |  |  | Average |  |
|                                       |      | point526 | 526 | 6,357,294.0 | 1,828,014.4 | 701.40 |  |  |  | Average |  |
|                                       |      | point527 | 527 | 6,357,210.0 | 1,827,949.8 | 700.30 |  |  |  | Average |  |
|                                       |      | point528 | 528 | 6,357,126.5 | 1,827,885.1 | 699.20 |  |  |  | Average |  |
|                                       |      | point529 | 529 | 6,357,042.5 | 1,827,820.6 | 698.20 |  |  |  | Average |  |
|                                       |      | point530 | 530 | 6,356,958.5 | 1,827,756.0 | 697.10 |  |  |  | Average |  |
|                                       |      | point531 | 531 | 6,356,875.0 | 1,827,691.5 | 695.50 |  |  |  | Average |  |
|                                       |      | point532 | 532 | 6,356,791.0 | 1,827,626.9 | 692.80 |  |  |  |         |  |
| Proctor Valley Road - Proj Ent 5 to 6 | 60.0 | point890 | 890 | 6,359,518.0 | 1,831,098.8 | 836.00 |  |  |  | Average |  |
|                                       |      | point461 | 461 | 6,359,514.5 | 1,831,048.6 | 835.30 |  |  |  | Average |  |
|                                       |      | point462 | 462 | 6,359,510.0 | 1,830,998.5 | 834.10 |  |  |  | Average |  |
|                                       |      | point463 | 463 | 6,359,504.0 | 1,830,948.6 | 832.80 |  |  |  | Average |  |
|                                       |      | point464 | 464 | 6,359,496.5 | 1,830,898.9 | 831.00 |  |  |  | Average |  |
|                                       |      | point465 | 465 | 6,359,488.0 | 1,830,849.4 | 829.00 |  |  |  | Average |  |
|                                       |      | point466 | 466 | 6,359,478.0 | 1,830,800.0 | 825.70 |  |  |  | Average |  |
|                                       |      | point467 | 467 | 6,359,467.0 | 1,830,751.0 | 822.20 |  |  |  | Average |  |
|                                       |      | point468 | 468 | 6,359,455.0 | 1,830,702.2 | 818.00 |  |  |  | Average |  |
|                                       |      | point469 | 469 | 6,359,441.5 | 1,830,653.9 | 813.80 |  |  |  | Average |  |
|                                       |      | point470 | 470 | 6,359,427.0 | 1,830,605.8 | 809.70 |  |  |  | Average |  |
|                                       |      | point471 | 471 | 6,359,411.0 | 1,830,558.0 | 805.50 |  |  |  | Average |  |
|                                       |      | point472 | 472 | 6,359,394.0 | 1,830,510.8 | 801.30 |  |  |  | Average |  |
|                                       |      | point473 | 473 | 6,359,375.5 | 1,830,463.9 | 797.10 |  |  |  | Average |  |
|                                       |      | point474 | 474 | 6,359,356.0 | 1,830,417.5 | 793.00 |  |  |  | Average |  |
|                                       |      | point475 | 475 | 6,359,335.5 | 1,830,371.6 | 788.80 |  |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|                                 |      |          |     |             |             |        |  |  |  |         |  |
|---------------------------------|------|----------|-----|-------------|-------------|--------|--|--|--|---------|--|
|                                 |      | point476 | 476 | 6,359,314.0 | 1,830,326.4 | 784.70 |  |  |  | Average |  |
|                                 |      | point477 | 477 | 6,359,291.0 | 1,830,281.6 | 780.60 |  |  |  | Average |  |
|                                 |      | point478 | 478 | 6,359,235.5 | 1,830,176.4 | 772.20 |  |  |  | Average |  |
|                                 |      | point479 | 479 | 6,359,219.5 | 1,830,143.0 | 769.80 |  |  |  | Average |  |
|                                 |      | point480 | 480 | 6,359,203.5 | 1,830,105.4 | 768.00 |  |  |  | Average |  |
|                                 |      | point481 | 481 | 6,359,187.0 | 1,830,067.8 | 766.70 |  |  |  | Average |  |
|                                 |      | point482 | 482 | 6,359,164.0 | 1,830,021.8 | 765.10 |  |  |  | Average |  |
|                                 |      | point483 | 483 | 6,359,136.5 | 1,829,978.2 | 763.40 |  |  |  | Average |  |
|                                 |      | point484 | 484 | 6,359,116.5 | 1,829,950.2 | 763.10 |  |  |  |         |  |
| Proctor Valley Road - West Fork | 40.0 | point891 | 891 | 6,360,476.5 | 1,835,546.8 | 884.80 |  |  |  | Average |  |
|                                 |      | point763 | 763 | 6,360,443.5 | 1,835,500.8 | 885.50 |  |  |  | Average |  |
|                                 |      | point764 | 764 | 6,360,416.5 | 1,835,458.5 | 886.20 |  |  |  | Average |  |
|                                 |      | point765 | 765 | 6,360,393.5 | 1,835,413.6 | 886.80 |  |  |  | Average |  |
|                                 |      | point766 | 766 | 6,360,375.5 | 1,835,366.8 | 887.00 |  |  |  | Average |  |
|                                 |      | point767 | 767 | 6,360,368.0 | 1,835,342.8 | 887.20 |  |  |  | Average |  |
|                                 |      | point768 | 768 | 6,360,354.5 | 1,835,294.0 | 886.60 |  |  |  | Average |  |
|                                 |      | point769 | 769 | 6,360,341.5 | 1,835,245.4 | 885.90 |  |  |  | Average |  |
|                                 |      | point770 | 770 | 6,360,328.0 | 1,835,196.6 | 885.00 |  |  |  | Average |  |
|                                 |      | point771 | 771 | 6,360,314.5 | 1,835,148.0 | 884.00 |  |  |  | Average |  |
|                                 |      | point772 | 772 | 6,360,300.5 | 1,835,099.4 | 883.20 |  |  |  | Average |  |
|                                 |      | point773 | 773 | 6,360,285.0 | 1,835,051.4 | 882.50 |  |  |  | Average |  |
|                                 |      | point774 | 774 | 6,360,269.0 | 1,835,003.5 | 882.20 |  |  |  | Average |  |
|                                 |      | point775 | 775 | 6,360,253.0 | 1,834,955.5 | 882.50 |  |  |  | Average |  |
|                                 |      | point776 | 776 | 6,360,237.0 | 1,834,907.6 | 883.20 |  |  |  | Average |  |
|                                 |      | point777 | 777 | 6,360,226.5 | 1,834,870.4 | 883.90 |  |  |  | Average |  |
|                                 |      | point778 | 778 | 6,360,218.5 | 1,834,832.5 | 884.70 |  |  |  | Average |  |
|                                 |      | point779 | 779 | 6,360,209.5 | 1,834,780.4 | 886.50 |  |  |  | Average |  |
|                                 |      | point780 | 780 | 6,360,201.0 | 1,834,728.2 | 888.30 |  |  |  | Average |  |
|                                 |      | point781 | 781 | 6,360,192.0 | 1,834,676.0 | 890.60 |  |  |  | Average |  |
|                                 |      | point782 | 782 | 6,360,183.5 | 1,834,623.9 | 892.80 |  |  |  | Average |  |
|                                 |      | point783 | 783 | 6,360,173.5 | 1,834,572.0 | 895.00 |  |  |  | Average |  |
|                                 |      | point784 | 784 | 6,360,163.5 | 1,834,520.0 | 897.20 |  |  |  | Average |  |
|                                 |      | point785 | 785 | 6,360,153.5 | 1,834,468.1 | 899.50 |  |  |  | Average |  |
|                                 |      | point786 | 786 | 6,360,144.0 | 1,834,416.1 | 901.70 |  |  |  | Average |  |
|                                 |      | point787 | 787 | 6,360,134.0 | 1,834,364.2 | 904.00 |  |  |  | Average |  |
|                                 |      | point788 | 788 | 6,360,127.0 | 1,834,312.8 | 906.20 |  |  |  | Average |  |
|                                 |      | point789 | 789 | 6,360,125.0 | 1,834,261.0 | 908.30 |  |  |  | Average |  |
|                                 |      | point790 | 790 | 6,360,129.0 | 1,834,209.2 | 909.70 |  |  |  | Average |  |
|                                 |      | point791 | 791 | 6,360,138.0 | 1,834,158.1 | 910.90 |  |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|                                       |      |          |     |             |             |        |  |  |  |         |  |
|---------------------------------------|------|----------|-----|-------------|-------------|--------|--|--|--|---------|--|
|                                       |      | point792 | 792 | 6,360,152.0 | 1,834,108.2 | 912.20 |  |  |  | Average |  |
|                                       |      | point793 | 793 | 6,360,171.5 | 1,834,060.1 | 912.80 |  |  |  | Average |  |
|                                       |      | point794 | 794 | 6,360,474.5 | 1,833,407.5 | 907.20 |  |  |  | Average |  |
|                                       |      | point795 | 795 | 6,360,484.5 | 1,833,386.6 | 907.10 |  |  |  | Average |  |
|                                       |      | point796 | 796 | 6,360,508.0 | 1,833,346.5 | 906.90 |  |  |  | Average |  |
|                                       |      | point797 | 797 | 6,360,535.0 | 1,833,308.6 | 906.70 |  |  |  |         |  |
| Proctor Valley Road - Ent 8 to Melody | 40.0 | point876 | 876 | 6,362,537.5 | 1,836,340.0 | 910.00 |  |  |  | Average |  |
|                                       |      | point877 | 877 | 6,362,460.5 | 1,836,102.2 | 904.00 |  |  |  | Average |  |
|                                       |      | point878 | 878 | 6,361,350.0 | 1,836,103.2 | 904.20 |  |  |  | Average |  |
|                                       |      | point879 | 879 | 6,361,272.5 | 1,836,104.5 | 901.80 |  |  |  | Average |  |
|                                       |      | point880 | 880 | 6,361,198.5 | 1,836,106.0 | 901.10 |  |  |  | Average |  |
|                                       |      | point450 | 450 | 6,361,196.5 | 1,836,105.6 | 901.10 |  |  |  | Average |  |
|                                       |      | point452 | 452 | 6,361,145.0 | 1,836,103.8 | 900.90 |  |  |  | Average |  |
|                                       |      | point746 | 746 | 6,361,094.0 | 1,836,096.6 | 901.80 |  |  |  | Average |  |
|                                       |      | point747 | 747 | 6,361,044.0 | 1,836,084.2 | 901.90 |  |  |  | Average |  |
|                                       |      | point748 | 748 | 6,360,995.5 | 1,836,066.8 | 902.00 |  |  |  | Average |  |
|                                       |      | point749 | 749 | 6,360,949.0 | 1,836,044.4 | 902.10 |  |  |  | Average |  |
|                                       |      | point750 | 750 | 6,360,905.0 | 1,836,017.4 | 902.20 |  |  |  | Average |  |
|                                       |      | point751 | 751 | 6,360,864.5 | 1,835,986.0 | 901.00 |  |  |  | Average |  |
|                                       |      | point752 | 752 | 6,360,817.5 | 1,835,945.9 | 899.60 |  |  |  | Average |  |
|                                       |      | point753 | 753 | 6,360,770.5 | 1,835,905.8 | 897.60 |  |  |  | Average |  |
|                                       |      | point754 | 754 | 6,360,723.5 | 1,835,865.8 | 894.90 |  |  |  | Average |  |
|                                       |      | point755 | 755 | 6,360,705.0 | 1,835,849.5 | 893.80 |  |  |  | Average |  |
|                                       |      | point756 | 756 | 6,360,671.5 | 1,835,814.6 | 891.70 |  |  |  | Average |  |
|                                       |      | point757 | 757 | 6,360,641.5 | 1,835,776.6 | 889.60 |  |  |  | Average |  |
|                                       |      | point758 | 758 | 6,360,608.5 | 1,835,730.6 | 888.20 |  |  |  | Average |  |
|                                       |      | point759 | 759 | 6,360,575.5 | 1,835,684.6 | 887.30 |  |  |  | Average |  |
|                                       |      | point760 | 760 | 6,360,542.5 | 1,835,638.8 | 886.50 |  |  |  | Average |  |
|                                       |      | point761 | 761 | 6,360,509.5 | 1,835,592.8 | 885.50 |  |  |  | Average |  |
|                                       |      | point762 | 762 | 6,360,476.5 | 1,835,546.8 | 884.80 |  |  |  |         |  |
| Proctor Valley Road - Proj Ent 6 to 7 | 60.0 | point892 | 892 | 6,360,535.0 | 1,833,308.6 | 906.70 |  |  |  | Average |  |
|                                       |      | point798 | 798 | 6,360,565.5 | 1,833,273.4 | 906.00 |  |  |  | Average |  |
|                                       |      | point799 | 799 | 6,360,677.0 | 1,833,156.2 | 901.10 |  |  |  | Average |  |
|                                       |      | point800 | 800 | 6,360,710.0 | 1,833,117.9 | 899.00 |  |  |  | Average |  |
|                                       |      | point801 | 801 | 6,360,739.0 | 1,833,076.4 | 896.70 |  |  |  | Average |  |
|                                       |      | point802 | 802 | 6,360,763.5 | 1,833,032.1 | 894.50 |  |  |  | Average |  |
|                                       |      | point803 | 803 | 6,360,783.5 | 1,832,985.6 | 892.30 |  |  |  | Average |  |
|                                       |      | point804 | 804 | 6,360,798.5 | 1,832,937.2 | 890.50 |  |  |  | Average |  |
|                                       |      | point805 | 805 | 6,360,809.0 | 1,832,887.8 | 888.80 |  |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|  |          |     |             |             |        |  |  |  |         |  |
|--|----------|-----|-------------|-------------|--------|--|--|--|---------|--|
|  | point806 | 806 | 6,360,814.0 | 1,832,837.4 | 888.30 |  |  |  | Average |  |
|  | point807 | 807 | 6,360,814.0 | 1,832,786.8 | 887.80 |  |  |  | Average |  |
|  | point808 | 808 | 6,360,809.0 | 1,832,736.4 | 887.20 |  |  |  | Average |  |
|  | point809 | 809 | 6,360,799.0 | 1,832,686.8 | 886.80 |  |  |  | Average |  |
|  | point810 | 810 | 6,360,784.0 | 1,832,638.5 | 887.60 |  |  |  | Average |  |
|  | point811 | 811 | 6,360,722.5 | 1,832,472.2 | 893.10 |  |  |  | Average |  |
|  | point812 | 812 | 6,360,714.5 | 1,832,452.8 | 894.00 |  |  |  | Average |  |
|  | point813 | 813 | 6,360,706.0 | 1,832,433.5 | 894.90 |  |  |  | Average |  |
|  | point814 | 814 | 6,360,697.0 | 1,832,414.6 | 895.70 |  |  |  | Average |  |
|  | point815 | 815 | 6,360,686.5 | 1,832,396.1 | 896.60 |  |  |  | Average |  |
|  | point816 | 816 | 6,360,676.0 | 1,832,378.1 | 897.60 |  |  |  | Average |  |
|  | point817 | 817 | 6,360,664.0 | 1,832,360.6 | 898.70 |  |  |  | Average |  |
|  | point818 | 818 | 6,360,652.0 | 1,832,343.5 | 900.40 |  |  |  | Average |  |
|  | point819 | 819 | 6,360,639.0 | 1,832,327.0 | 898.00 |  |  |  | Average |  |
|  | point820 | 820 | 6,360,469.5 | 1,832,122.2 | 908.10 |  |  |  | Average |  |
|  | point821 | 821 | 6,360,452.5 | 1,832,102.6 | 908.40 |  |  |  | Average |  |
|  | point822 | 822 | 6,360,435.0 | 1,832,083.8 | 908.80 |  |  |  | Average |  |
|  | point823 | 823 | 6,360,416.5 | 1,832,065.6 | 909.10 |  |  |  | Average |  |
|  | point824 | 824 | 6,360,397.0 | 1,832,048.4 | 909.50 |  |  |  | Average |  |
|  | point825 | 825 | 6,360,377.0 | 1,832,032.0 | 909.80 |  |  |  | Average |  |
|  | point826 | 826 | 6,360,356.0 | 1,832,016.5 | 910.10 |  |  |  | Average |  |
|  | point827 | 827 | 6,360,335.0 | 1,832,001.9 | 910.20 |  |  |  | Average |  |
|  | point828 | 828 | 6,360,313.0 | 1,831,988.1 | 910.00 |  |  |  | Average |  |
|  | point829 | 829 | 6,360,290.0 | 1,831,975.4 | 909.80 |  |  |  | Average |  |
|  | point830 | 830 | 6,360,267.0 | 1,831,963.8 | 909.60 |  |  |  | Average |  |
|  | point831 | 831 | 6,359,717.0 | 1,831,699.0 | 876.40 |  |  |  | Average |  |
|  | point832 | 832 | 6,359,693.5 | 1,831,686.6 | 874.40 |  |  |  | Average |  |
|  | point833 | 833 | 6,359,671.0 | 1,831,672.4 | 872.30 |  |  |  | Average |  |
|  | point834 | 834 | 6,359,649.5 | 1,831,656.5 | 870.30 |  |  |  | Average |  |
|  | point835 | 835 | 6,359,629.5 | 1,831,639.1 | 868.20 |  |  |  | Average |  |
|  | point836 | 836 | 6,359,611.0 | 1,831,620.2 | 866.20 |  |  |  | Average |  |
|  | point837 | 837 | 6,359,593.5 | 1,831,599.9 | 864.10 |  |  |  | Average |  |
|  | point838 | 838 | 6,359,578.0 | 1,831,578.4 | 862.00 |  |  |  | Average |  |
|  | point839 | 839 | 6,359,564.0 | 1,831,555.8 | 860.00 |  |  |  | Average |  |
|  | point840 | 840 | 6,359,552.0 | 1,831,532.1 | 857.80 |  |  |  | Average |  |
|  | point841 | 841 | 6,359,541.5 | 1,831,507.6 | 855.00 |  |  |  | Average |  |
|  | point842 | 842 | 6,359,533.0 | 1,831,482.4 | 852.40 |  |  |  | Average |  |
|  | point843 | 843 | 6,359,526.5 | 1,831,456.6 | 851.00 |  |  |  | Average |  |
|  | point453 | 453 | 6,359,522.0 | 1,831,430.4 | 849.50 |  |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|                                     |      |          |     |             |             |        |  |  |  |         |  |
|-------------------------------------|------|----------|-----|-------------|-------------|--------|--|--|--|---------|--|
|                                     |      | point454 | 454 | 6,359,519.5 | 1,831,403.9 | 847.60 |  |  |  | Average |  |
|                                     |      | point455 | 455 | 6,359,519.0 | 1,831,377.2 | 845.70 |  |  |  | Average |  |
|                                     |      | point456 | 456 | 6,359,519.0 | 1,831,350.9 | 844.60 |  |  |  | Average |  |
|                                     |      | point457 | 457 | 6,359,521.0 | 1,831,249.5 | 840.40 |  |  |  | Average |  |
|                                     |      | point458 | 458 | 6,359,521.5 | 1,831,199.2 | 838.00 |  |  |  | Average |  |
|                                     |      | point459 | 459 | 6,359,520.5 | 1,831,149.0 | 836.90 |  |  |  | Average |  |
|                                     |      | point460 | 460 | 6,359,518.0 | 1,831,098.8 | 836.00 |  |  |  |         |  |
| Proctor Valley Rd - Ent 8 to Melody | 40.0 | point894 | 894 | 6,360,868.0 | 1,834,920.0 | 908.80 |  |  |  | Average |  |
|                                     |      | point865 | 865 | 6,360,849.0 | 1,834,975.9 | 905.90 |  |  |  | Average |  |
|                                     |      | point866 | 866 | 6,360,820.5 | 1,835,031.9 | 902.60 |  |  |  | Average |  |
|                                     |      | point867 | 867 | 6,360,794.0 | 1,835,089.8 | 899.20 |  |  |  | Average |  |
|                                     |      | point868 | 868 | 6,360,762.5 | 1,835,145.4 | 896.00 |  |  |  | Average |  |
|                                     |      | point869 | 869 | 6,360,662.0 | 1,835,308.8 | 889.20 |  |  |  | Average |  |
|                                     |      | point870 | 870 | 6,360,643.0 | 1,835,337.8 | 888.10 |  |  |  | Average |  |
|                                     |      | point871 | 871 | 6,360,622.5 | 1,835,365.6 | 887.30 |  |  |  | Average |  |
|                                     |      | point872 | 872 | 6,360,591.0 | 1,835,402.4 | 886.40 |  |  |  | Average |  |
|                                     |      | point873 | 873 | 6,360,556.5 | 1,835,436.6 | 885.70 |  |  |  | Average |  |
|                                     |      | point874 | 874 | 6,360,529.5 | 1,835,460.1 | 885.40 |  |  |  | Average |  |
|                                     |      | point875 | 875 | 6,360,503.5 | 1,835,480.4 | 885.10 |  |  |  | Average |  |
|                                     |      | point846 | 846 | 6,360,457.0 | 1,835,513.6 | 884.50 |  |  |  |         |  |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|                                       |                                         |     |         |       |     |         |     |         |     |       |     |             |     |
|---------------------------------------|-----------------------------------------|-----|---------|-------|-----|---------|-----|---------|-----|-------|-----|-------------|-----|
| Dudek                                 |                                         |     |         |       |     |         |     |         |     |       |     |             |     |
| M Greene                              |                                         |     |         |       |     |         |     |         |     |       |     |             |     |
|                                       |                                         |     |         |       |     |         |     |         |     |       |     |             |     |
| INPUT: TRAFFIC FOR LAeq1h Percentages |                                         |     |         |       |     |         |     |         |     |       |     |             |     |
| PROJECT/CONTRACT:                     | 8207                                    |     |         |       |     |         |     |         |     |       |     |             |     |
| RUN:                                  | Qty Rnch V4 PrctrVlly Ex w ProjRev 0817 |     |         |       |     |         |     |         |     |       |     |             |     |
| Roadway                               | Points                                  |     |         |       |     |         |     |         |     |       |     |             |     |
| Name                                  | Name                                    | No. | Segment |       |     |         |     |         |     |       |     |             |     |
|                                       |                                         |     | Total   | Autos |     | MTrucks |     | HTrucks |     | Buses |     | Motorcycles |     |
|                                       |                                         |     | Volume  | P     | S   | P       | S   | P       | S   | P     | S   | P           | S   |
|                                       |                                         |     | veh/hr  | %     | mph | %       | mph | %       | mph | %     | mph | %           | mph |
| Melody Road - Proctor Vly Rd - SR-94  | point379                                | 379 | 60      | 97    | 40  | 2       | 40  | 0       | 0   | 1     | 40  | 0           | 0   |
|                                       | point380                                | 380 |         |       |     |         |     |         |     |       |     |             |     |
| PrctrVllyRd - Melody Rd-SchleeCyn Rd  | point381                                | 381 | 220     | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point382                                | 382 |         |       |     |         |     |         |     |       |     |             |     |
| PrctrVllyRd - SchleeCyn Rd-MaxfieldRd | point383                                | 383 | 250     | 97    | 40  | 2       | 40  | 0       | 0   | 1     | 40  | 0           | 0   |
|                                       | point384                                | 384 |         |       |     |         |     |         |     |       |     |             |     |
| Proctor Valley Rd-HuntePkyw-Northwd   | point385                                | 385 | 1750    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point387                                | 387 | 1750    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point445                                | 445 | 1750    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point444                                | 444 | 1750    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point386                                | 386 |         |       |     |         |     |         |     |       |     |             |     |
| Proctor Valley Rd-Lane Ave-HuntePkwY  | point388                                | 388 | 2340    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point434                                | 434 | 2340    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point389                                | 389 |         |       |     |         |     |         |     |       |     |             |     |
| Proctor Valley Rd-MtMglRd - Lane Ave  | point390                                | 390 | 2740    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point392                                | 392 | 2740    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point430                                | 430 | 2740    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point431                                | 431 | 2740    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point391                                | 391 |         |       |     |         |     |         |     |       |     |             |     |
| SnMglRnch/Mt MglRd-SR125-PrctrVlly    | point394                                | 394 | 1120    | 97    | 40  | 2       | 40  | 0       | 0   | 1     | 40  | 0           | 0   |
|                                       | point428                                | 428 | 1120    | 97    | 40  | 2       | 40  | 0       | 0   | 1     | 40  | 0           | 0   |
|                                       | point395                                | 395 |         |       |     |         |     |         |     |       |     |             |     |
| SanMglRnchRd-PrctrVllyRd - SR-125     | point396                                | 396 | 940     | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|                                      |          |     |      |    |    |   |    |   |   |   |    |   |   |
|--------------------------------------|----------|-----|------|----|----|---|----|---|---|---|----|---|---|
|                                      | point423 | 423 | 940  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point424 | 424 | 940  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point426 | 426 | 940  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point397 | 397 |      |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Rd-SR125 - MtMglRd    | point398 | 398 | 2680 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point429 | 429 | 2680 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point399 | 399 |      |    |    |   |    |   |   |   |    |   |   |
| Northwoods Dr - ProctrVlly-BlueRdgDr | point400 | 400 | 190  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point446 | 446 | 190  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point447 | 447 | 190  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point448 | 448 | 190  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point401 | 401 |      |    |    |   |    |   |   |   |    |   |   |
| Hunte Pkwy-PrctrVllyRd - OtayLksRd   | point402 | 402 | 890  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point437 | 437 | 890  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point435 | 435 | 890  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point436 | 436 | 890  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point406 | 406 | 890  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point403 | 403 |      |    |    |   |    |   |   |   |    |   |   |
| Hunte Pkwy-OtayLksRd-OlmpcPkwy       | point407 | 407 | 1230 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point438 | 438 | 1230 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point439 | 439 | 1230 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point440 | 440 | 1230 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point409 | 409 | 1230 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point408 | 408 |      |    |    |   |    |   |   |   |    |   |   |
| Hunte Pkwy-OlmpcPkwy-EastlkPkwy      | point410 | 410 | 240  | 97 | 50 | 2 | 50 | 0 | 0 | 1 | 50 | 0 | 0 |
|                                      | point412 | 412 | 240  | 97 | 50 | 2 | 50 | 0 | 0 | 1 | 50 | 0 | 0 |
|                                      | point441 | 441 | 240  | 97 | 50 | 2 | 50 | 0 | 0 | 1 | 50 | 0 | 0 |
|                                      | point442 | 442 | 240  | 97 | 50 | 2 | 50 | 0 | 0 | 1 | 50 | 0 | 0 |
|                                      | point443 | 443 | 240  | 97 | 50 | 2 | 50 | 0 | 0 | 1 | 50 | 0 | 0 |
|                                      | point411 | 411 |      |    |    |   |    |   |   |   |    |   |   |
| Lane Ave PrctrVllyRd-OtayLksRd       | point415 | 415 | 1140 | 97 | 40 | 2 | 40 | 0 | 0 | 1 | 40 | 0 | 0 |
|                                      | point433 | 433 | 1140 | 97 | 40 | 2 | 40 | 0 | 0 | 1 | 40 | 0 | 0 |
|                                      | point432 | 432 | 1140 | 97 | 40 | 2 | 40 | 0 | 0 | 1 | 40 | 0 | 0 |
|                                      | point416 | 416 |      |    |    |   |    |   |   |   |    |   |   |
| PrctrVllyRd - MaxfieldRd to SR-94    | point421 | 421 | 280  | 97 | 40 | 2 | 40 | 0 | 0 | 1 | 40 | 0 | 0 |
|                                      | point449 | 449 | 280  | 97 | 40 | 2 | 40 | 0 | 0 | 1 | 40 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|                                           |          |     |      |    |    |   |    |   |   |   |    |   |   |
|-------------------------------------------|----------|-----|------|----|----|---|----|---|---|---|----|---|---|
|                                           | point422 | 422 |      |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Rd - Ent 7 to Ent 8        | point845 | 845 | 120  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point847 | 847 | 120  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point848 | 848 | 120  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point849 | 849 | 120  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point850 | 850 | 120  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point851 | 851 | 120  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point852 | 852 | 120  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point853 | 853 | 120  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point854 | 854 | 120  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point855 | 855 | 120  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point856 | 856 | 120  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point857 | 857 | 120  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point858 | 858 | 120  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point859 | 859 | 120  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point860 | 860 | 120  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point861 | 861 | 120  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point862 | 862 | 120  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point863 | 863 | 120  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point864 | 864 | 120  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point893 | 893 |      |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Road - Ent 8 to Melody     | point881 | 881 | 70   | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point882 | 882 | 70   | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point883 | 883 |      |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Road - Proj Ent 1 to Chula | point884 | 884 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point602 | 602 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point603 | 603 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point604 | 604 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point605 | 605 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point606 | 606 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point607 | 607 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point608 | 608 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point609 | 609 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point610 | 610 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point611 | 611 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point612 | 612 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|  |          |     |      |    |    |   |    |   |   |   |    |   |   |
|--|----------|-----|------|----|----|---|----|---|---|---|----|---|---|
|  | point613 | 613 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point614 | 614 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point615 | 615 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point616 | 616 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point617 | 617 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point618 | 618 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point619 | 619 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point620 | 620 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point621 | 621 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point622 | 622 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point623 | 623 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point624 | 624 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point625 | 625 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point626 | 626 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point627 | 627 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point628 | 628 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point629 | 629 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point630 | 630 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point631 | 631 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point632 | 632 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point633 | 633 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point634 | 634 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point635 | 635 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point636 | 636 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point637 | 637 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point638 | 638 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point639 | 639 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point640 | 640 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point641 | 641 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point642 | 642 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point643 | 643 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point644 | 644 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point645 | 645 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point646 | 646 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point647 | 647 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point648 | 648 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|  |          |     |      |    |    |   |    |   |   |   |    |   |   |
|--|----------|-----|------|----|----|---|----|---|---|---|----|---|---|
|  | point649 | 649 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point650 | 650 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point651 | 651 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point652 | 652 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point653 | 653 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point654 | 654 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point655 | 655 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point656 | 656 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point657 | 657 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point658 | 658 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point659 | 659 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point660 | 660 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point661 | 661 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point662 | 662 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point663 | 663 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point664 | 664 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point665 | 665 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point666 | 666 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point667 | 667 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point668 | 668 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point669 | 669 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point670 | 670 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point671 | 671 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point672 | 672 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point673 | 673 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point674 | 674 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point675 | 675 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point676 | 676 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point677 | 677 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point678 | 678 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point679 | 679 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point680 | 680 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point681 | 681 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point682 | 682 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point683 | 683 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point684 | 684 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|                                       |          |     |      |    |    |   |    |   |   |   |    |   |   |
|---------------------------------------|----------|-----|------|----|----|---|----|---|---|---|----|---|---|
|                                       | point685 | 685 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point686 | 686 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point687 | 687 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point688 | 688 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point689 | 689 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point690 | 690 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point691 | 691 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point692 | 692 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point693 | 693 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point694 | 694 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point695 | 695 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point696 | 696 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point697 | 697 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point698 | 698 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point699 | 699 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point700 | 700 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point701 | 701 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point702 | 702 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point703 | 703 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point704 | 704 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point705 | 705 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point706 | 706 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point707 | 707 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point708 | 708 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point709 | 709 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point710 | 710 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point711 | 711 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point712 | 712 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point713 | 713 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point714 | 714 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point715 | 715 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point716 | 716 | 1210 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point717 | 717 |      |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Road - Proj Ent 1 to 2 | point886 | 886 | 1040 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point592 | 592 | 1040 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point593 | 593 | 1040 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|                                       |          |     |      |    |    |   |    |   |   |   |    |   |   |
|---------------------------------------|----------|-----|------|----|----|---|----|---|---|---|----|---|---|
|                                       | point594 | 594 | 1040 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point595 | 595 | 1040 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point596 | 596 | 1040 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point597 | 597 | 1040 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point598 | 598 | 1040 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point599 | 599 | 1040 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point885 | 885 | 1040 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point601 | 601 |      |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Road - Proj Ent 2 to 3 | point887 | 887 | 900  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point551 | 551 | 900  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point552 | 552 | 900  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point553 | 553 | 900  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point554 | 554 | 900  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point555 | 555 | 900  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point556 | 556 | 900  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point557 | 557 | 900  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point558 | 558 | 900  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point559 | 559 | 900  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point560 | 560 | 900  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point561 | 561 | 900  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point562 | 562 | 900  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point563 | 563 | 900  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point564 | 564 | 900  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point565 | 565 | 900  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point566 | 566 | 900  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point567 | 567 | 900  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point568 | 568 | 900  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point569 | 569 | 900  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point570 | 570 | 900  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point571 | 571 | 900  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point572 | 572 | 900  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point573 | 573 | 900  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point574 | 574 | 900  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point575 | 575 | 900  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point576 | 576 | 900  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point577 | 577 | 900  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|                                       |          |     |     |    |    |   |    |   |   |   |    |   |   |
|---------------------------------------|----------|-----|-----|----|----|---|----|---|---|---|----|---|---|
|                                       | point578 | 578 | 900 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point579 | 579 | 900 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point580 | 580 | 900 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point581 | 581 | 900 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point582 | 582 | 900 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point583 | 583 | 900 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point584 | 584 | 900 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point585 | 585 | 900 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point586 | 586 | 900 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point587 | 587 | 900 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point588 | 588 | 900 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point589 | 589 | 900 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point590 | 590 | 900 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point591 | 591 |     |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Road - Proj Ent 3 to 4 | point888 | 888 | 890 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point533 | 533 | 890 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point534 | 534 | 890 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point535 | 535 | 890 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point536 | 536 | 890 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point537 | 537 | 890 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point538 | 538 | 890 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point539 | 539 | 890 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point540 | 540 | 890 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point541 | 541 | 890 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point542 | 542 | 890 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point543 | 543 | 890 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point544 | 544 | 890 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point545 | 545 | 890 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point546 | 546 | 890 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point547 | 547 | 890 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point548 | 548 | 890 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point549 | 549 | 890 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point550 | 550 |     |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Road - Proj Ent 4 to 5 | point889 | 889 | 280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point485 | 485 | 280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point486 | 486 | 280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|  |          |     |     |    |    |   |    |   |   |   |    |   |   |
|--|----------|-----|-----|----|----|---|----|---|---|---|----|---|---|
|  | point487 | 487 | 280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point488 | 488 | 280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point489 | 489 | 280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point490 | 490 | 280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point491 | 491 | 280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point492 | 492 | 280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point493 | 493 | 280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point494 | 494 | 280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point495 | 495 | 280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point496 | 496 | 280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point497 | 497 | 280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point498 | 498 | 280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point499 | 499 | 280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point500 | 500 | 280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point501 | 501 | 280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point502 | 502 | 280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point503 | 503 | 280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point504 | 504 | 280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point505 | 505 | 280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point506 | 506 | 280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point507 | 507 | 280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point508 | 508 | 280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point509 | 509 | 280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point510 | 510 | 280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point511 | 511 | 280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point512 | 512 | 280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point513 | 513 | 280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point514 | 514 | 280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point515 | 515 | 280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point516 | 516 | 280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point517 | 517 | 280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point518 | 518 | 280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point519 | 519 | 280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point520 | 520 | 280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point521 | 521 | 280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point522 | 522 | 280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|                                       |          |     |     |    |    |   |    |   |   |   |    |   |   |
|---------------------------------------|----------|-----|-----|----|----|---|----|---|---|---|----|---|---|
|                                       | point523 | 523 | 280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point524 | 524 | 280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point525 | 525 | 280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point526 | 526 | 280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point527 | 527 | 280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point528 | 528 | 280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point529 | 529 | 280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point530 | 530 | 280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point531 | 531 | 280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point532 | 532 |     |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Road - Proj Ent 5 to 6 | point890 | 890 | 180 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point461 | 461 | 180 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point462 | 462 | 180 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point463 | 463 | 180 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point464 | 464 | 180 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point465 | 465 | 180 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point466 | 466 | 180 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point467 | 467 | 180 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point468 | 468 | 180 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point469 | 469 | 180 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point470 | 470 | 180 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point471 | 471 | 180 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point472 | 472 | 180 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point473 | 473 | 180 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point474 | 474 | 180 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point475 | 475 | 180 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point476 | 476 | 180 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point477 | 477 | 180 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point478 | 478 | 180 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point479 | 479 | 180 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point480 | 480 | 180 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point481 | 481 | 180 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point482 | 482 | 180 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point483 | 483 | 180 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point484 | 484 |     |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Road - West Fork       | point891 | 891 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|                                       |          |     |    |    |    |   |    |   |   |   |    |   |   |
|---------------------------------------|----------|-----|----|----|----|---|----|---|---|---|----|---|---|
|                                       | point763 | 763 | 0  | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point764 | 764 | 0  | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point765 | 765 | 0  | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point766 | 766 | 0  | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point767 | 767 | 0  | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point768 | 768 | 0  | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point769 | 769 | 0  | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point770 | 770 | 0  | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point771 | 771 | 0  | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point772 | 772 | 0  | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point773 | 773 | 0  | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point774 | 774 | 0  | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point775 | 775 | 0  | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point776 | 776 | 0  | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point777 | 777 | 0  | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point778 | 778 | 0  | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point779 | 779 | 0  | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point780 | 780 | 0  | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point781 | 781 | 0  | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point782 | 782 | 0  | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point783 | 783 | 0  | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point784 | 784 | 0  | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point785 | 785 | 0  | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point786 | 786 | 0  | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point787 | 787 | 0  | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point788 | 788 | 0  | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point789 | 789 | 0  | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point790 | 790 | 0  | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point791 | 791 | 0  | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point792 | 792 | 0  | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point793 | 793 | 0  | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point794 | 794 | 0  | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point795 | 795 | 0  | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point796 | 796 | 0  | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point797 | 797 |    |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Road - Ent 8 to Melody | point876 | 876 | 70 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|                                       |          |     |     |    |    |   |    |   |   |   |    |   |   |
|---------------------------------------|----------|-----|-----|----|----|---|----|---|---|---|----|---|---|
|                                       | point877 | 877 | 70  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point878 | 878 | 70  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point879 | 879 | 70  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point880 | 880 | 70  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point450 | 450 | 70  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point452 | 452 | 70  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point746 | 746 | 70  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point747 | 747 | 70  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point748 | 748 | 70  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point749 | 749 | 70  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point750 | 750 | 70  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point751 | 751 | 70  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point752 | 752 | 70  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point753 | 753 | 70  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point754 | 754 | 70  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point755 | 755 | 70  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point756 | 756 | 70  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point757 | 757 | 70  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point758 | 758 | 70  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point759 | 759 | 70  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point760 | 760 | 70  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point761 | 761 | 70  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point762 | 762 |     |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Road - Proj Ent 6 to 7 | point892 | 892 | 140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point798 | 798 | 140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point799 | 799 | 140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point800 | 800 | 140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point801 | 801 | 140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point802 | 802 | 140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point803 | 803 | 140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point804 | 804 | 140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point805 | 805 | 140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point806 | 806 | 140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point807 | 807 | 140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point808 | 808 | 140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point809 | 809 | 140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|  |          |     |     |    |    |   |    |   |   |   |    |   |   |
|--|----------|-----|-----|----|----|---|----|---|---|---|----|---|---|
|  | point810 | 810 | 140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point811 | 811 | 140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point812 | 812 | 140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point813 | 813 | 140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point814 | 814 | 140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point815 | 815 | 140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point816 | 816 | 140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point817 | 817 | 140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point818 | 818 | 140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point819 | 819 | 140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point820 | 820 | 140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point821 | 821 | 140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point822 | 822 | 140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point823 | 823 | 140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point824 | 824 | 140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point825 | 825 | 140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point826 | 826 | 140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point827 | 827 | 140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point828 | 828 | 140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point829 | 829 | 140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point830 | 830 | 140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point831 | 831 | 140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point832 | 832 | 140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point833 | 833 | 140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point834 | 834 | 140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point835 | 835 | 140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point836 | 836 | 140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point837 | 837 | 140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point838 | 838 | 140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point839 | 839 | 140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point840 | 840 | 140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point841 | 841 | 140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point842 | 842 | 140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point843 | 843 | 140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point453 | 453 | 140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point454 | 454 | 140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|                                     |          |     |     |    |    |   |    |   |   |   |    |   |   |
|-------------------------------------|----------|-----|-----|----|----|---|----|---|---|---|----|---|---|
|                                     | point455 | 455 | 140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point456 | 456 | 140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point457 | 457 | 140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point458 | 458 | 140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point459 | 459 | 140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point460 | 460 |     |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Rd - Ent 8 to Melody | point894 | 894 | 70  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point865 | 865 | 70  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point866 | 866 | 70  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point867 | 867 | 70  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point868 | 868 | 70  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point869 | 869 | 70  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point870 | 870 | 70  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point871 | 871 | 70  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point872 | 872 | 70  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point873 | 873 | 70  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point874 | 874 | 70  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point875 | 875 | 70  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point846 | 846 |     |    |    |   |    |   |   |   |    |   |   |

**INPUT: RECEIVERS**
**8207**

|                                        |                                                |             |                             |             |          |               |                                        |                        |              |             |               |
|----------------------------------------|------------------------------------------------|-------------|-----------------------------|-------------|----------|---------------|----------------------------------------|------------------------|--------------|-------------|---------------|
| Dudek                                  |                                                |             |                             |             |          |               |                                        |                        |              |             |               |
| M Greene                               |                                                |             |                             |             |          |               |                                        |                        |              |             |               |
|                                        |                                                |             |                             |             |          |               |                                        |                        |              |             |               |
| <b>INPUT: RECEIVERS</b>                |                                                |             |                             |             |          |               |                                        |                        |              |             |               |
| <b>PROJECT/CONTRACT:</b>               | <b>8207</b>                                    |             |                             |             |          |               |                                        |                        |              |             |               |
| <b>RUN:</b>                            | <b>Oty Rnch V4 PrctrVlly Ex w ProjRev 0817</b> |             |                             |             |          |               |                                        |                        |              |             |               |
| <b>Receiver</b>                        |                                                |             |                             |             |          |               |                                        |                        |              |             |               |
| <b>Name</b>                            | <b>No.</b>                                     | <b>#DUs</b> | <b>Coordinates (ground)</b> |             |          | <b>Height</b> | <b>Input Sound Levels and Criteria</b> |                        |              |             | <b>Active</b> |
|                                        |                                                |             | <b>X</b>                    | <b>Y</b>    | <b>Z</b> | <b>above</b>  | <b>Existing</b>                        | <b>Impact Criteria</b> |              | <b>NR</b>   | <b>in</b>     |
|                                        |                                                |             |                             |             |          | <b>Ground</b> | <b>LAeq1h</b>                          | <b>LAeq1h</b>          | <b>Sub'l</b> | <b>Goal</b> | <b>Calc.</b>  |
|                                        |                                                |             |                             |             |          |               |                                        |                        |              |             |               |
|                                        |                                                |             | ft                          | ft          | ft       | ft            | dBA                                    | dBA                    | dB           | dB          |               |
| R1 San MiguelRnchRd W of SR125         | 3                                              | 1           | 6,336,436.0                 | 1,822,219.6 | 468.00   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| R2 MtMiguelRd - ProctorVlly-SnMgl      | 5                                              | 1           | 6,339,900.0                 | 1,821,486.4 | 615.00   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| R3 PrctrVlly Rd SR15 - MtMiguelRd      | 7                                              | 1           | 6,339,003.0                 | 1,820,430.0 | 582.00   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| R4 MtMglRd - Lane Ave                  | 9                                              | 1           | 6,340,321.0                 | 1,820,500.0 | 616.00   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| R5 Lane Ave - PrctrVllyRd-OtayLksRd    | 11                                             | 1           | 6,343,360.0                 | 1,820,300.0 | 634.00   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| R6 PrctrVllyRd-Lane Ave-HuntePkwy      | 13                                             | 1           | 6,344,053.0                 | 1,820,475.0 | 668.00   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| R7 HuntePkwy-PrctrVllyRd-OtyLksRd      | 15                                             | 1           | 6,344,700.5                 | 1,819,652.4 | 618.00   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| R8 HuntePkwy-OtyLksRd-OlmpcPkwy        | 17                                             | 1           | 6,344,900.0                 | 1,816,970.0 | 628.50   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| R9 HuntePkwy-OlmpcPkwy-EastlkPkwy      | 19                                             | 1           | 6,344,665.0                 | 1,809,346.0 | 479.00   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| R10 PrctrVllyRd-HuntePkyw-Nrthwd       | 21                                             | 1           | 6,346,300.5                 | 1,820,440.0 | 717.50   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| R11 NrthwdsDr-ProctrVlly-BlueRdgDr     | 23                                             | 1           | 6,348,750.5                 | 1,819,747.5 | 671.50   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| M4 / R12 PrctrVlly Rd w of NrthwdsDr   | 27                                             | 1           | 6,348,497.0                 | 1,820,845.9 | 662.00   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| M6 / R13 SnMglRnchRd e of SR125        | 29                                             | 1           | 6,339,505.5                 | 1,822,497.2 | 625.00   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| M8 / R14 PrctrVlly Rd n of Project     | 31                                             | 1           | 6,361,958.0                 | 1,836,218.8 | 908.00   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| M9 / R15 PrtrVllyRd-Melody Rd-SchleeC  | 33                                             | 1           | 6,368,071.5                 | 1,836,854.1 | 1,024.00 | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| M10 / R16 MidyRd - PrctrVllyRd - SR-94 | 35                                             | 1           | 6,370,177.0                 | 1,836,423.4 | 978.00   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| M11 / R17 PrctrVllyRd-SchleeCyn Rd-Mx  | 37                                             | 1           | 6,368,788.5                 | 1,838,925.6 | 1,050.00 | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| R18 PrctrVllyRd - MaxfieldRd to SR-94  | 39                                             | 1           | 6,371,215.0                 | 1,839,505.0 | 1,020.00 | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| R19 P-1                                | 100                                            | 1           | 6,354,456.5                 | 1,823,499.0 | 607.00   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| R20 R-4 southwest side                 | 101                                            | 1           | 6,354,558.0                 | 1,823,693.1 | 611.50   | 5.00          | 0.00                                   | 60                     | 1.0          | 8.0         |               |
| R21 R-4 west side                      | 102                                            | 1           | 6,354,724.0                 | 1,823,907.5 | 614.00   | 5.00          | 0.00                                   | 60                     | 1.0          | 8.0         |               |
| R22 R-4 northwest side                 | 103                                            | 1           | 6,354,895.0                 | 1,824,260.4 | 617.50   | 5.00          | 0.00                                   | 60                     | 1.0          | 8.0         |               |

**INPUT: RECEIVERS****8207**

|                               |     |   |             |             |        |      |      |    |      |     |  |
|-------------------------------|-----|---|-------------|-------------|--------|------|------|----|------|-----|--|
| R23 R-5 Lot 10 southwest side | 104 | 1 | 6,356,039.0 | 1,826,086.0 | 666.00 | 5.00 | 0.00 | 60 | 1.0  | 8.0 |  |
| R24 R-5 Lot 5 west side       | 105 | 1 | 6,356,020.5 | 1,826,361.2 | 660.40 | 5.00 | 0.00 | 60 | 1.0  | 8.0 |  |
| R25 R-5 PPP-1 northwest side  | 106 | 1 | 6,356,118.5 | 1,826,646.5 | 652.00 | 5.00 | 0.00 | 65 | 1.0  | 8.0 |  |
| R26 R-12 Park south side      | 107 | 1 | 6,355,945.5 | 1,827,033.9 | 655.00 | 5.00 | 0.00 | 65 | 1.0  | 8.0 |  |
| R27 S-1 School southwest side | 108 | 1 | 6,356,228.5 | 1,826,927.2 | 654.00 | 5.00 | 0.00 | 65 | 1.0  | 8.0 |  |
| R28 R-12 Park north side      | 109 | 1 | 6,356,079.0 | 1,827,190.6 | 657.00 | 5.00 | 0.00 | 65 | 1.0  | 8.0 |  |
| R29 S-1 School west side      | 110 | 1 | 6,356,557.0 | 1,827,223.8 | 669.00 | 5.00 | 0.00 | 65 | 1.0  | 8.0 |  |
| R30 S-1 School northwest side | 111 | 1 | 6,356,790.5 | 1,827,436.0 | 679.00 | 5.00 | 0.00 | 65 | 1.0  | 8.0 |  |
| R31 P-2 park                  | 112 | 1 | 6,356,626.5 | 1,827,662.9 | 695.50 | 5.00 | 0.00 | 65 | 1.0  | 8.0 |  |
| R32 MU-1                      | 113 | 1 | 6,357,022.5 | 1,827,640.1 | 696.00 | 5.00 | 0.00 | 65 | 1.0  | 8.0 |  |
| R33 R-10 Lot 6                | 114 | 1 | 6,358,835.5 | 1,829,554.6 | 754.00 | 5.00 | 0.00 | 60 | 1.0  | 8.0 |  |
| R34 R-10 Lot 4                | 115 | 1 | 6,358,922.0 | 1,829,724.8 | 761.00 | 5.00 | 0.00 | 60 | 1.0  | 8.0 |  |
| R35 R-10 Lot 2                | 116 | 1 | 6,358,998.0 | 1,829,870.5 | 768.50 | 5.00 | 0.00 | 60 | 1.0  | 8.0 |  |
| R36 R-11 PP-4                 | 117 | 1 | 6,359,091.0 | 1,830,099.8 | 769.50 | 5.00 | 0.00 | 65 | 1.0  | 8.0 |  |
| R37 R-11 Lot 54               | 118 | 1 | 6,359,253.0 | 1,830,336.1 | 794.00 | 5.00 | 0.00 | 60 | 1.0  | 8.0 |  |
| R38 R-11 Lot 58               | 119 | 1 | 6,359,394.0 | 1,830,700.5 | 821.00 | 5.00 | 0.00 | 60 | 1.0  | 8.0 |  |
| R39 R-11 Lot 61               | 120 | 1 | 6,359,453.0 | 1,831,009.2 | 837.50 | 5.00 | 0.00 | 60 | 1.0  | 8.0 |  |
| R40 R-11 Lot 1                | 121 | 1 | 6,359,450.0 | 1,831,202.1 | 844.00 | 5.00 | 0.00 | 60 | 1.0  | 8.0 |  |
| R41 R-11 Lot 4                | 122 | 1 | 6,359,450.5 | 1,831,470.0 | 864.00 | 5.00 | 0.00 | 60 | 1.0  | 8.0 |  |
| R42 R-11 Lot 6                | 123 | 1 | 6,359,446.0 | 1,831,682.4 | 877.50 | 5.00 | 0.00 | 60 | 1.0  | 8.0 |  |
| R43 R-11 Lot 8                | 124 | 1 | 6,359,465.0 | 1,831,973.5 | 895.50 | 5.00 | 0.00 | 60 | 1.0  | 8.0 |  |
| R44 R-14 Lot 64               | 125 | 1 | 6,361,053.0 | 1,833,915.5 | 944.80 | 5.00 | 0.00 | 60 | 1.0  | 8.0 |  |
| R45 R-14 Lot 28               | 126 | 1 | 6,360,942.0 | 1,834,076.0 | 945.00 | 5.00 | 0.00 | 60 | 1.0  | 8.0 |  |
| R46 R-14 open space           | 127 | 1 | 6,361,003.5 | 1,834,478.8 | 962.00 | 5.00 | 0.00 | 65 | 1.0  | 8.0 |  |
| R47 R-14 Lot 27               | 128 | 1 | 6,360,911.0 | 1,834,870.4 | 918.80 | 5.00 | 0.00 | 60 | 1.0  | 8.0 |  |
| R48 R-14 Lot 2                | 129 | 1 | 6,360,871.5 | 1,835,014.0 | 915.80 | 5.00 | 0.00 | 60 | 1.0  | 8.0 |  |
| R49 R-14 Lot 1                | 130 | 1 | 6,360,814.5 | 1,834,957.2 | 909.70 | 5.00 | 0.00 | 60 | 1.0  | 8.0 |  |
| R50 R-14 P-4                  | 131 | 1 | 6,360,680.5 | 1,835,123.4 | 900.00 | 5.00 | 0.00 | 60 | 1.0  | 8.0 |  |
| R51 R-13 Lot 1                | 132 | 1 | 6,360,505.0 | 1,835,675.9 | 904.00 | 5.00 | 0.00 | 60 | 0.0  | 8.0 |  |
| R52 R-13 Lot 9                | 133 | 1 | 6,360,673.5 | 1,835,730.4 | 900.00 | 5.00 | 0.00 | 60 | 0.0  | 8.0 |  |
| R53 R-13 Lot 8                | 134 | 1 | 6,360,565.5 | 1,835,794.2 | 909.70 | 5.00 | 0.00 | 60 | 0.0  | 8.0 |  |
| R54 R-13 Lot 10               | 135 | 1 | 6,360,785.0 | 1,835,859.2 | 901.00 | 5.00 | 0.00 | 60 | 0.0  | 8.0 |  |
| R55 R-13 Lot 11               | 136 | 1 | 6,361,005.5 | 1,836,025.0 | 902.00 | 5.00 | 0.00 | 60 | 0.0  | 8.0 |  |
| R56 R-13 Lot 12               | 138 | 1 | 6,361,179.0 | 1,836,059.1 | 903.00 | 5.00 | 0.00 | 66 | 10.0 | 8.0 |  |

## INPUT: BARRIERS

8207

|                   |      |                                         |       |                  |                   |           |          |                    |  |          |     |             |             |        |          |         |          |     |               |
|-------------------|------|-----------------------------------------|-------|------------------|-------------------|-----------|----------|--------------------|--|----------|-----|-------------|-------------|--------|----------|---------|----------|-----|---------------|
| Dudek             |      |                                         |       |                  | 12 September 2017 |           |          |                    |  |          |     |             |             |        |          |         |          |     |               |
| M Greene          |      |                                         |       |                  | TNM 2.5           |           |          |                    |  |          |     |             |             |        |          |         |          |     |               |
| INPUT: BARRIERS   |      |                                         |       |                  |                   |           |          |                    |  |          |     |             |             |        |          |         |          |     |               |
| PROJECT/CONTRACT: |      | 8207                                    |       |                  |                   |           |          |                    |  |          |     |             |             |        |          |         |          |     |               |
| RUN:              |      | Qty Rnch V4 PrctrVily Ex w ProjRev 0817 |       |                  |                   |           |          |                    |  |          |     |             |             |        |          |         |          |     |               |
| Barrier           |      |                                         |       |                  |                   |           |          |                    |  | Points   |     |             |             |        |          |         |          |     |               |
| Name              | Type | Height                                  |       | If Wall          | If Berm           |           |          | Add'tnl            |  | Name     | No. | Coordinates | (bottom)    |        | Height   | Segment |          |     |               |
|                   |      | Min                                     | Max   | \$ per Unit Area | \$ per Unit Vol.  | Top Width | Run:Rise | \$ per Unit Length |  |          |     | X           | Y           | Z      | at Point | Seg Ht  | Perturbs | On  | Important     |
|                   |      | ft                                      | ft    | \$/sq ft         | \$/cu yd          | ft        | ft:ft    | \$/ft              |  |          |     | ft          | ft          | ft     | ft       | ft      | #Up      | #Dn | Reflec-tions? |
| Barrier17         | W    | 0.00                                    | 99.99 | 0.00             |                   |           |          | 0.00               |  | point223 | 223 | 6,337,800.0 | 1,822,229.6 | 534.50 | 6.00     | 0.00    | 0        | 0   |               |
|                   |      |                                         |       |                  |                   |           |          |                    |  | point224 | 224 | 6,336,466.5 | 1,822,229.6 | 467.50 | 6.00     | 0.00    | 0        | 0   |               |
|                   |      |                                         |       |                  |                   |           |          |                    |  | point225 | 225 | 6,335,800.0 | 1,822,229.6 | 434.00 | 6.00     |         |          |     |               |
| Barrier18         | W    | 0.00                                    | 99.99 | 0.00             |                   |           |          | 0.00               |  | point226 | 226 | 6,339,890.0 | 1,820,650.0 | 594.00 | 6.00     | 0.00    | 0        | 0   |               |
|                   |      |                                         |       |                  |                   |           |          |                    |  | point227 | 227 | 6,339,890.0 | 1,821,450.0 | 615.00 | 6.00     | 0.00    | 0        | 0   |               |
|                   |      |                                         |       |                  |                   |           |          |                    |  | point228 | 228 | 6,339,890.0 | 1,822,300.0 | 641.00 | 6.00     |         |          |     |               |
| Barrier19         | W    | 0.00                                    | 99.99 | 0.00             |                   |           |          | 0.00               |  | point229 | 229 | 6,339,430.0 | 1,820,440.0 | 582.00 | 6.00     | 0.00    | 0        | 0   |               |
|                   |      |                                         |       |                  |                   |           |          |                    |  | point230 | 230 | 6,338,993.5 | 1,820,440.0 | 582.00 | 6.00     | 0.00    | 0        | 0   |               |
|                   |      |                                         |       |                  |                   |           |          |                    |  | point231 | 231 | 6,338,331.0 | 1,820,440.0 | 582.00 | 6.00     |         |          |     |               |
| Barrier20         | W    | 0.00                                    | 99.99 | 0.00             |                   |           |          | 0.00               |  | point232 | 232 | 6,340,965.0 | 1,820,510.0 | 637.00 | 6.00     | 0.00    | 0        | 0   |               |
|                   |      |                                         |       |                  |                   |           |          |                    |  | point233 | 233 | 6,340,382.5 | 1,820,510.0 | 616.00 | 6.00     | 0.00    | 0        | 0   |               |
|                   |      |                                         |       |                  |                   |           |          |                    |  | point234 | 234 | 6,339,800.0 | 1,820,510.0 | 596.00 | 6.00     |         |          |     |               |
| Barrier21         | W    | 0.00                                    | 99.99 | 0.00             |                   |           |          | 0.00               |  | point235 | 235 | 6,343,350.0 | 1,820,550.0 | 642.00 | 6.00     | 0.00    | 0        | 0   |               |
|                   |      |                                         |       |                  |                   |           |          |                    |  | point236 | 236 | 6,343,350.0 | 1,819,775.0 | 632.80 | 6.00     | 0.00    | 0        | 0   |               |
|                   |      |                                         |       |                  |                   |           |          |                    |  | point237 | 237 | 6,343,350.0 | 1,819,000.0 | 623.50 | 6.00     |         |          |     |               |
| Barrier22         | W    | 0.00                                    | 99.99 | 0.00             |                   |           |          | 0.00               |  | point238 | 238 | 6,344,725.0 | 1,820,485.0 | 672.00 | 6.00     | 0.00    | 0        | 0   |               |
|                   |      |                                         |       |                  |                   |           |          |                    |  | point239 | 239 | 6,344,050.0 | 1,820,485.0 | 668.00 | 6.00     | 0.00    | 0        | 0   |               |
|                   |      |                                         |       |                  |                   |           |          |                    |  | point240 | 240 | 6,343,375.0 | 1,820,485.0 | 664.00 | 6.00     |         |          |     |               |
| Barrier23         | W    | 0.00                                    | 99.99 | 0.00             |                   |           |          | 0.00               |  | point241 | 241 | 6,344,710.0 | 1,820,182.5 | 644.00 | 6.00     | 0.00    | 0        | 0   |               |
|                   |      |                                         |       |                  |                   |           |          |                    |  | point242 | 242 | 6,344,710.0 | 1,819,770.0 | 624.00 | 6.00     | 0.00    | 0        | 0   |               |
|                   |      |                                         |       |                  |                   |           |          |                    |  | point244 | 244 | 6,344,710.0 | 1,819,632.5 | 617.33 | 6.00     | 0.00    | 0        | 0   |               |
|                   |      |                                         |       |                  |                   |           |          |                    |  | point243 | 243 | 6,344,710.0 | 1,819,357.5 | 604.00 | 6.00     |         |          |     |               |
| Barrier24         | W    | 0.00                                    | 99.99 | 0.00             |                   |           |          | 0.00               |  | point246 | 246 | 6,344,890.0 | 1,817,682.5 | 620.80 | 6.00     | 0.00    | 0        | 0   |               |
|                   |      |                                         |       |                  |                   |           |          |                    |  | point247 | 247 | 6,344,890.0 | 1,816,970.0 | 628.50 | 6.00     | 0.00    | 0        | 0   |               |
|                   |      |                                         |       |                  |                   |           |          |                    |  | point248 | 248 | 6,344,890.0 | 1,816,257.5 | 636.30 | 6.00     |         |          |     |               |
| Barrier25         | W    | 0.00                                    | 99.99 | 0.00             |                   |           |          | 0.00               |  | point249 | 249 | 6,344,675.0 | 1,810,821.2 | 545.00 | 6.00     | 0.00    | 0        | 0   |               |
|                   |      |                                         |       |                  |                   |           |          |                    |  | point250 | 250 | 6,344,675.0 | 1,809,416.0 | 479.00 | 6.00     | 0.00    | 0        | 0   |               |
|                   |      |                                         |       |                  |                   |           |          |                    |  | point251 | 251 | 6,344,675.0 | 1,808,010.6 | 504.00 | 6.00     |         |          |     |               |
| Barrier26         | W    | 0.00                                    | 99.99 | 0.00             |                   |           |          | 0.00               |  | point252 | 252 | 6,348,298.0 | 1,820,815.5 | 660.00 | 6.00     | 0.00    | 0        | 0   |               |
|                   |      |                                         |       |                  |                   |           |          |                    |  | point253 | 253 | 6,348,499.0 | 1,820,815.5 | 660.00 | 6.00     | 0.00    | 0        | 0   |               |
|                   |      |                                         |       |                  |                   |           |          |                    |  | point254 | 254 | 6,348,588.0 | 1,820,898.6 | 660.00 | 6.00     |         |          |     |               |
| Barrier27         | W    | 0.00                                    | 99.99 | 0.00             |                   |           |          | 0.00               |  | point255 | 255 | 6,346,800.5 | 1,820,450.0 | 730.00 | 6.00     | 0.00    | 0        | 0   |               |
|                   |      |                                         |       |                  |                   |           |          |                    |  | point256 | 256 | 6,346,300.5 | 1,820,450.0 | 717.50 | 6.00     | 0.00    | 0        | 0   |               |
|                   |      |                                         |       |                  |                   |           |          |                    |  | point257 | 257 | 6,345,800.5 | 1,820,450.0 | 705.00 | 6.00     |         |          |     |               |
| Barrier28         | W    | 0.00                                    | 99.99 | 0.00             |                   |           |          | 0.00               |  | point258 | 258 | 6,348,760.5 | 1,820,171.2 | 652.80 | 6.00     | 0.00    | 0        | 0   |               |

INPUT: BARRIERS

8207

|  |  |  |  |  |  |  |  |  |          |     |             |             |        |      |      |   |   |  |  |
|--|--|--|--|--|--|--|--|--|----------|-----|-------------|-------------|--------|------|------|---|---|--|--|
|  |  |  |  |  |  |  |  |  | point259 | 259 | 6,348,760.5 | 1,819,747.5 | 671.50 | 6.00 | 0.00 | 0 | 0 |  |  |
|  |  |  |  |  |  |  |  |  | point260 | 260 | 6,348,760.5 | 1,819,323.8 | 691.30 | 6.00 |      |   |   |  |  |

**INPUT: TERRAIN LINES**
**8207**

|                      |                                         |                      |                   |        |
|----------------------|-----------------------------------------|----------------------|-------------------|--------|
|                      |                                         |                      |                   |        |
| Dudek                |                                         |                      | 12 September 2017 |        |
| M Greene             |                                         |                      | TNM 2.5           |        |
|                      |                                         |                      |                   |        |
| INPUT: TERRAIN LINES |                                         |                      |                   |        |
| PROJECT/CONTRACT:    | 8207                                    |                      |                   |        |
| RUN:                 | Oty Rnch V4 PrctrVlly Ex w ProjRev 0817 |                      |                   |        |
| Terrain Line         | Points                                  |                      |                   |        |
| Name                 | No.                                     | Coordinates (ground) |                   |        |
|                      |                                         | X                    | Y                 | Z      |
|                      |                                         | ft                   | ft                | ft     |
| Terrain Line1        | 1                                       | 6,354,564.5          | 1,823,396.8       | 610.80 |
|                      | 3                                       | 6,354,548.5          | 1,823,432.6       | 610.00 |
|                      | 4                                       | 6,354,543.5          | 1,823,442.5       | 609.80 |
|                      | 5                                       | 6,354,537.0          | 1,823,451.4       | 609.60 |
|                      | 6                                       | 6,354,515.0          | 1,823,478.1       | 608.90 |
|                      | 7                                       | 6,354,486.0          | 1,823,511.4       | 608.00 |
|                      | 8                                       | 6,354,427.5          | 1,823,574.0       | 606.40 |
|                      | 9                                       | 6,354,424.5          | 1,823,575.9       | 606.40 |
|                      | 10                                      | 6,354,421.5          | 1,823,576.8       | 606.30 |
|                      | 11                                      | 6,354,418.5          | 1,823,576.6       | 606.30 |
|                      | 12                                      | 6,354,415.5          | 1,823,575.4       | 606.30 |
|                      | 13                                      | 6,354,413.5          | 1,823,573.1       | 606.40 |
|                      | 14                                      | 6,354,412.0          | 1,823,570.4       | 606.50 |
|                      | 15                                      | 6,354,411.5          | 1,823,567.2       | 606.60 |
|                      | 16                                      | 6,354,412.5          | 1,823,564.1       | 606.60 |
|                      | 17                                      | 6,354,421.0          | 1,823,544.8       | 607.10 |
|                      | 18                                      | 6,354,421.0          | 1,823,513.8       | 608.00 |
|                      | 19                                      | 6,354,423.5          | 1,823,421.2       | 610.00 |
|                      | 2                                       | 6,354,420.0          | 1,823,349.5       | 611.40 |
| Terrain Line2        | 20                                      | 6,355,174.0          | 1,824,198.5       | 619.20 |
|                      | 22                                      | 6,355,172.5          | 1,824,203.5       | 619.20 |
|                      | 23                                      | 6,355,170.5          | 1,824,210.8       | 619.10 |
|                      | 24                                      | 6,355,166.5          | 1,824,218.2       | 619.10 |
|                      | 25                                      | 6,355,160.0          | 1,824,224.1       | 619.00 |

**INPUT: TERRAIN LINES****8207**

|  |    |             |             |        |
|--|----|-------------|-------------|--------|
|  | 26 | 6,355,152.5 | 1,824,228.2 | 619.00 |
|  | 27 | 6,355,144.5 | 1,824,230.1 | 618.90 |
|  | 28 | 6,355,137.5 | 1,824,229.9 | 618.90 |
|  | 29 | 6,355,045.5 | 1,824,227.4 | 618.40 |
|  | 30 | 6,355,025.5 | 1,824,227.5 | 618.30 |
|  | 31 | 6,355,009.5 | 1,824,229.5 | 618.20 |
|  | 32 | 6,354,992.0 | 1,824,233.8 | 618.10 |
|  | 33 | 6,354,979.5 | 1,824,238.4 | 618.00 |
|  | 34 | 6,354,966.0 | 1,824,244.6 | 618.00 |
|  | 35 | 6,354,899.5 | 1,824,277.1 | 617.80 |
|  | 36 | 6,354,897.0 | 1,824,278.2 | 617.80 |
|  | 37 | 6,354,893.0 | 1,824,279.4 | 617.70 |
|  | 38 | 6,354,890.5 | 1,824,278.8 | 617.70 |
|  | 39 | 6,354,888.0 | 1,824,277.1 | 617.70 |
|  | 40 | 6,354,886.0 | 1,824,274.5 | 617.60 |
|  | 41 | 6,354,884.5 | 1,824,270.5 | 617.60 |
|  | 42 | 6,354,813.5 | 1,824,108.9 | 616.00 |
|  | 43 | 6,354,783.0 | 1,824,038.8 | 615.20 |
|  | 44 | 6,354,748.0 | 1,823,970.9 | 614.50 |
|  | 45 | 6,354,722.0 | 1,823,927.8 | 614.00 |
|  | 46 | 6,354,693.0 | 1,823,886.9 | 613.50 |
|  | 47 | 6,354,661.5 | 1,823,848.0 | 613.00 |
|  | 48 | 6,354,598.0 | 1,823,770.5 | 612.00 |
|  | 49 | 6,354,582.5 | 1,823,750.9 | 611.80 |
|  | 50 | 6,354,566.5 | 1,823,731.9 | 611.50 |
|  | 51 | 6,354,548.0 | 1,823,711.9 | 611.30 |
|  | 52 | 6,354,537.5 | 1,823,689.5 | 611.00 |
|  | 53 | 6,354,536.5 | 1,823,685.9 | 611.00 |
|  | 54 | 6,354,536.5 | 1,823,681.6 | 611.00 |
|  | 55 | 6,354,537.0 | 1,823,676.5 | 610.90 |
|  | 56 | 6,354,537.5 | 1,823,672.2 | 610.90 |
|  | 57 | 6,354,539.0 | 1,823,666.0 | 610.80 |
|  | 58 | 6,354,541.5 | 1,823,659.2 | 610.80 |
|  | 59 | 6,354,543.0 | 1,823,655.5 | 610.70 |
|  | 60 | 6,354,544.5 | 1,823,649.8 | 610.70 |
|  | 61 | 6,354,545.5 | 1,823,643.8 | 610.60 |

**INPUT: TERRAIN LINES****8207**

|               |    |             |             |        |
|---------------|----|-------------|-------------|--------|
|               | 62 | 6,354,545.0 | 1,823,637.8 | 610.60 |
|               | 63 | 6,354,544.5 | 1,823,633.9 | 610.50 |
|               | 64 | 6,354,556.5 | 1,823,619.4 | 610.50 |
|               | 65 | 6,354,582.5 | 1,823,582.4 | 610.50 |
|               | 66 | 6,354,607.0 | 1,823,541.9 | 610.40 |
|               | 67 | 6,354,619.0 | 1,823,514.5 | 610.40 |
|               | 21 | 6,354,628.5 | 1,823,485.5 | 610.40 |
| Terrain Line3 | 68 | 6,356,143.5 | 1,826,709.6 | 650.00 |
|               | 70 | 6,356,049.5 | 1,826,741.2 | 649.90 |
|               | 71 | 6,356,031.5 | 1,826,731.5 | 649.80 |
|               | 72 | 6,356,015.5 | 1,826,623.4 | 654.70 |
|               | 73 | 6,356,007.5 | 1,826,565.6 | 654.70 |
|               | 74 | 6,356,007.5 | 1,826,564.6 | 656.20 |
|               | 75 | 6,356,003.5 | 1,826,508.1 | 656.20 |
|               | 76 | 6,356,003.5 | 1,826,504.0 | 657.70 |
|               | 77 | 6,356,002.0 | 1,826,448.1 | 657.70 |
|               | 78 | 6,356,006.0 | 1,826,443.6 | 659.10 |
|               | 79 | 6,356,005.5 | 1,826,390.1 | 659.10 |
|               | 80 | 6,356,010.0 | 1,826,384.9 | 660.40 |
|               | 81 | 6,356,009.0 | 1,826,335.2 | 660.40 |
|               | 82 | 6,356,013.5 | 1,826,330.0 | 661.70 |
|               | 83 | 6,356,013.0 | 1,826,280.4 | 661.70 |
|               | 84 | 6,356,015.5 | 1,826,275.0 | 663.00 |
|               | 85 | 6,356,015.0 | 1,826,225.4 | 663.00 |
|               | 86 | 6,356,017.0 | 1,826,220.0 | 664.20 |
|               | 87 | 6,356,016.0 | 1,826,170.0 | 664.20 |
|               | 88 | 6,356,018.0 | 1,826,165.1 | 665.40 |
|               | 89 | 6,356,017.0 | 1,826,115.2 | 665.40 |
|               | 90 | 6,356,025.0 | 1,826,110.8 | 666.60 |
|               | 91 | 6,356,024.5 | 1,826,060.8 | 666.60 |
|               | 92 | 6,356,029.5 | 1,826,053.6 | 669.30 |
|               | 93 | 6,356,028.5 | 1,826,004.6 | 669.30 |
|               | 94 | 6,356,025.0 | 1,826,002.6 | 670.00 |
|               | 95 | 6,356,034.0 | 1,825,924.8 | 670.00 |
|               | 96 | 6,356,049.5 | 1,825,870.1 | 670.00 |
|               | 97 | 6,356,066.0 | 1,825,831.0 | 670.00 |

**INPUT: TERRAIN LINES****8207**

|               |     |             |             |        |
|---------------|-----|-------------|-------------|--------|
|               | 98  | 6,356,085.5 | 1,825,796.2 | 670.00 |
|               | 99  | 6,356,097.0 | 1,825,787.4 | 670.00 |
|               | 100 | 6,356,111.0 | 1,825,785.0 | 670.00 |
|               | 69  | 6,356,180.5 | 1,825,789.4 | 670.00 |
| Terrain Line4 | 101 | 6,356,906.0 | 1,827,372.1 | 680.60 |
|               | 103 | 6,356,900.5 | 1,827,382.2 | 680.70 |
|               | 104 | 6,356,896.0 | 1,827,395.8 | 680.90 |
|               | 105 | 6,356,894.0 | 1,827,409.9 | 681.00 |
|               | 106 | 6,356,894.0 | 1,827,424.1 | 681.20 |
|               | 107 | 6,356,895.0 | 1,827,429.8 | 681.20 |
|               | 108 | 6,356,896.5 | 1,827,437.9 | 681.30 |
|               | 109 | 6,356,896.5 | 1,827,440.2 | 681.40 |
|               | 110 | 6,356,894.0 | 1,827,445.1 | 681.40 |
|               | 111 | 6,356,847.0 | 1,827,504.2 | 681.40 |
|               | 112 | 6,356,836.0 | 1,827,508.4 | 681.20 |
|               | 113 | 6,356,832.5 | 1,827,510.6 | 681.20 |
|               | 114 | 6,356,826.0 | 1,827,516.6 | 681.00 |
|               | 115 | 6,356,815.5 | 1,827,525.6 | 680.80 |
|               | 116 | 6,356,807.0 | 1,827,531.5 | 680.60 |
|               | 117 | 6,356,802.0 | 1,827,533.4 | 680.50 |
|               | 118 | 6,356,795.0 | 1,827,533.6 | 680.40 |
|               | 119 | 6,356,788.5 | 1,827,531.5 | 680.30 |
|               | 120 | 6,356,784.0 | 1,827,528.2 | 680.20 |
|               | 121 | 6,356,773.0 | 1,827,517.8 | 680.00 |
|               | 122 | 6,356,757.0 | 1,827,502.6 | 679.30 |
|               | 123 | 6,356,746.5 | 1,827,493.4 | 678.90 |
|               | 124 | 6,356,729.0 | 1,827,479.5 | 678.30 |
|               | 125 | 6,356,711.0 | 1,827,466.1 | 677.60 |
|               | 126 | 6,356,675.0 | 1,827,441.4 | 676.30 |
|               | 127 | 6,356,639.5 | 1,827,416.1 | 675.00 |
|               | 128 | 6,356,596.5 | 1,827,382.9 | 673.40 |
|               | 129 | 6,356,509.5 | 1,827,312.8 | 670.00 |
|               | 130 | 6,356,380.5 | 1,827,208.6 | 665.00 |
|               | 131 | 6,356,256.0 | 1,827,108.2 | 660.80 |
|               | 132 | 6,356,232.0 | 1,827,090.5 | 660.00 |
|               | 133 | 6,356,183.0 | 1,827,034.8 | 657.80 |

**INPUT: TERRAIN LINES****8207**

|               |     |             |             |        |
|---------------|-----|-------------|-------------|--------|
|               | 134 | 6,356,129.0 | 1,826,958.0 | 655.00 |
|               | 135 | 6,356,092.5 | 1,826,900.8 | 654.20 |
|               | 136 | 6,356,085.0 | 1,826,884.5 | 654.00 |
|               | 137 | 6,356,093.0 | 1,826,867.0 | 653.90 |
|               | 102 | 6,356,115.0 | 1,826,854.8 | 653.70 |
| Terrain Line5 | 138 | 6,355,957.0 | 1,826,917.9 | 654.70 |
|               | 140 | 6,355,985.0 | 1,826,924.1 | 654.80 |
|               | 141 | 6,356,017.0 | 1,826,937.2 | 655.10 |
|               | 142 | 6,356,037.5 | 1,826,968.8 | 655.40 |
|               | 143 | 6,356,087.0 | 1,827,045.1 | 656.00 |
|               | 144 | 6,356,134.5 | 1,827,106.0 | 658.00 |
|               | 145 | 6,356,190.0 | 1,827,176.5 | 660.50 |
|               | 139 | 6,356,238.5 | 1,827,223.4 | 665.00 |
| Terrain Line6 | 146 | 6,356,522.5 | 1,827,491.2 | 683.10 |
|               | 148 | 6,356,542.0 | 1,827,507.1 | 684.00 |
|               | 149 | 6,356,585.0 | 1,827,541.5 | 690.00 |
|               | 150 | 6,356,594.0 | 1,827,550.4 | 694.10 |
|               | 151 | 6,356,689.0 | 1,827,625.8 | 696.00 |
|               | 152 | 6,356,717.5 | 1,827,648.9 | 696.60 |
|               | 153 | 6,356,724.0 | 1,827,656.5 | 696.80 |
|               | 154 | 6,356,725.5 | 1,827,665.8 | 697.00 |
|               | 155 | 6,356,738.5 | 1,827,694.5 | 697.60 |
|               | 156 | 6,356,753.0 | 1,827,713.5 | 698.00 |
|               | 157 | 6,356,768.5 | 1,827,723.2 | 698.20 |
|               | 158 | 6,356,790.0 | 1,827,733.1 | 698.40 |
|               | 159 | 6,356,822.0 | 1,827,735.8 | 698.60 |
|               | 160 | 6,356,847.5 | 1,827,732.5 | 698.90 |
|               | 161 | 6,356,938.5 | 1,827,798.4 | 699.80 |
|               | 162 | 6,356,947.5 | 1,827,793.2 | 702.00 |
|               | 147 | 6,357,200.0 | 1,827,986.8 | 702.00 |
| Terrain Line7 | 163 | 6,357,100.5 | 1,827,800.8 | 697.00 |
|               | 165 | 6,356,920.5 | 1,827,667.9 | 696.60 |
|               | 166 | 6,356,910.5 | 1,827,654.1 | 696.60 |
|               | 167 | 6,356,901.0 | 1,827,629.8 | 696.50 |
|               | 168 | 6,356,902.5 | 1,827,608.1 | 696.50 |
|               | 169 | 6,356,905.5 | 1,827,604.0 | 695.00 |

**INPUT: TERRAIN LINES****8207**

|               |     |             |             |        |
|---------------|-----|-------------|-------------|--------|
|               | 170 | 6,356,906.0 | 1,827,602.6 | 695.00 |
|               | 171 | 6,356,905.5 | 1,827,601.2 | 695.00 |
|               | 164 | 6,356,898.5 | 1,827,594.0 | 694.60 |
| Terrain Line8 | 172 | 6,358,977.5 | 1,829,986.5 | 768.50 |
|               | 174 | 6,359,015.5 | 1,829,959.6 | 768.50 |
|               | 175 | 6,359,023.5 | 1,829,951.8 | 768.50 |
|               | 176 | 6,359,030.5 | 1,829,940.6 | 768.50 |
|               | 177 | 6,359,034.5 | 1,829,927.4 | 768.40 |
|               | 178 | 6,359,035.0 | 1,829,913.5 | 768.50 |
|               | 179 | 6,359,032.0 | 1,829,900.9 | 768.50 |
|               | 180 | 6,359,026.5 | 1,829,889.8 | 768.50 |
|               | 181 | 6,359,018.5 | 1,829,878.4 | 768.50 |
|               | 182 | 6,358,985.0 | 1,829,830.9 | 768.50 |
|               | 183 | 6,358,983.5 | 1,829,818.9 | 766.00 |
|               | 184 | 6,358,960.5 | 1,829,783.2 | 766.00 |
|               | 185 | 6,358,969.0 | 1,829,776.6 | 761.00 |
|               | 186 | 6,358,955.5 | 1,829,756.0 | 761.00 |
|               | 187 | 6,358,905.0 | 1,829,674.1 | 761.00 |
|               | 188 | 6,358,913.0 | 1,829,668.0 | 756.50 |
|               | 189 | 6,358,868.5 | 1,829,597.1 | 756.50 |
|               | 190 | 6,358,872.5 | 1,829,592.1 | 754.00 |
|               | 191 | 6,358,834.0 | 1,829,530.5 | 754.00 |
|               | 192 | 6,358,840.5 | 1,829,513.1 | 746.00 |
|               | 193 | 6,358,840.0 | 1,829,511.9 | 746.00 |
|               | 194 | 6,358,802.5 | 1,829,449.6 | 746.00 |
|               | 195 | 6,358,774.5 | 1,829,462.5 | 746.00 |
|               | 196 | 6,358,761.0 | 1,829,468.1 | 746.00 |
|               | 197 | 6,358,748.0 | 1,829,469.6 | 746.00 |
|               | 198 | 6,358,736.0 | 1,829,468.2 | 746.00 |
|               | 199 | 6,358,702.0 | 1,829,460.0 | 746.00 |
|               | 200 | 6,358,633.0 | 1,829,438.6 | 746.00 |
|               | 201 | 6,358,592.0 | 1,829,432.4 | 746.00 |
|               | 173 | 6,358,567.0 | 1,829,428.5 | 746.00 |
| Terrain Line9 | 202 | 6,359,418.5 | 1,831,051.6 | 837.50 |
|               | 204 | 6,359,468.0 | 1,831,049.8 | 837.50 |
|               | 205 | 6,359,459.0 | 1,830,965.4 | 837.50 |

**INPUT: TERRAIN LINES****8207**

|                |     |             |             |        |
|----------------|-----|-------------|-------------|--------|
|                | 206 | 6,359,458.0 | 1,830,958.4 | 834.50 |
|                | 207 | 6,359,445.0 | 1,830,873.6 | 834.50 |
|                | 208 | 6,359,442.5 | 1,830,859.9 | 828.00 |
|                | 209 | 6,359,425.0 | 1,830,775.9 | 828.00 |
|                | 210 | 6,359,421.5 | 1,830,761.4 | 821.00 |
|                | 211 | 6,359,400.0 | 1,830,678.4 | 821.00 |
|                | 212 | 6,359,396.0 | 1,830,664.1 | 814.00 |
|                | 213 | 6,359,370.5 | 1,830,582.9 | 814.00 |
|                | 214 | 6,359,364.5 | 1,830,567.4 | 806.50 |
|                | 215 | 6,359,335.5 | 1,830,489.2 | 806.50 |
|                | 216 | 6,359,329.5 | 1,830,474.2 | 800.00 |
|                | 217 | 6,359,295.5 | 1,830,395.8 | 800.00 |
|                | 218 | 6,359,289.5 | 1,830,383.0 | 794.00 |
|                | 219 | 6,359,254.5 | 1,830,312.4 | 794.00 |
|                | 220 | 6,359,253.5 | 1,830,299.6 | 789.00 |
|                | 221 | 6,359,232.5 | 1,830,259.6 | 789.00 |
|                | 222 | 6,359,206.5 | 1,830,221.4 | 789.00 |
|                | 223 | 6,359,202.0 | 1,830,216.4 | 789.00 |
|                | 224 | 6,359,197.0 | 1,830,212.2 | 789.00 |
|                | 225 | 6,359,189.0 | 1,830,208.8 | 789.00 |
|                | 226 | 6,359,180.5 | 1,830,207.6 | 789.00 |
|                | 227 | 6,359,200.0 | 1,830,179.1 | 780.00 |
|                | 228 | 6,359,191.0 | 1,830,161.2 | 771.00 |
|                | 229 | 6,359,160.0 | 1,830,089.6 | 770.00 |
|                | 230 | 6,359,151.0 | 1,830,071.2 | 769.70 |
|                | 231 | 6,359,148.0 | 1,830,050.0 | 769.30 |
|                | 232 | 6,359,138.5 | 1,830,034.4 | 769.00 |
|                | 233 | 6,359,122.5 | 1,830,023.9 | 768.80 |
|                | 234 | 6,359,091.5 | 1,830,015.8 | 768.40 |
|                | 235 | 6,359,041.5 | 1,830,028.1 | 768.20 |
|                | 236 | 6,359,000.0 | 1,830,046.5 | 768.70 |
|                | 237 | 6,358,984.5 | 1,830,068.4 | 769.00 |
|                | 238 | 6,358,978.5 | 1,830,077.9 | 769.20 |
|                | 203 | 6,358,971.5 | 1,830,084.4 | 769.40 |
| Terrain Line10 | 239 | 6,359,479.5 | 1,831,999.5 | 895.50 |
|                | 241 | 6,359,475.0 | 1,831,916.2 | 895.50 |

**INPUT: TERRAIN LINES****8207**

|                |     |             |             |        |
|----------------|-----|-------------|-------------|--------|
|                | 242 | 6,359,473.5 | 1,831,907.2 | 891.50 |
|                | 243 | 6,359,467.0 | 1,831,828.2 | 891.50 |
|                | 244 | 6,359,467.0 | 1,831,809.4 | 884.50 |
|                | 245 | 6,359,462.5 | 1,831,734.2 | 884.50 |
|                | 246 | 6,359,457.5 | 1,831,718.8 | 877.50 |
|                | 247 | 6,359,459.0 | 1,831,683.9 | 877.50 |
|                | 248 | 6,359,462.0 | 1,831,643.9 | 877.50 |
|                | 249 | 6,359,459.5 | 1,831,622.9 | 869.50 |
|                | 250 | 6,359,461.0 | 1,831,545.5 | 869.50 |
|                | 251 | 6,359,461.5 | 1,831,529.0 | 862.50 |
|                | 252 | 6,359,462.5 | 1,831,451.0 | 862.50 |
|                | 253 | 6,359,458.5 | 1,831,432.8 | 854.50 |
|                | 254 | 6,359,460.0 | 1,831,352.9 | 847.50 |
|                | 255 | 6,359,461.5 | 1,831,259.9 | 847.50 |
|                | 256 | 6,359,461.5 | 1,831,247.9 | 842.00 |
|                | 257 | 6,359,463.0 | 1,831,168.9 | 842.00 |
|                | 240 | 6,359,369.0 | 1,831,167.2 | 842.00 |
| Terrain Line11 | 258 | 6,361,189.5 | 1,833,985.5 | 944.90 |
|                | 260 | 6,361,032.0 | 1,833,971.0 | 944.90 |
|                | 261 | 6,361,026.5 | 1,833,968.6 | 944.90 |
|                | 262 | 6,361,023.5 | 1,833,963.6 | 944.80 |
|                | 263 | 6,361,023.5 | 1,833,957.6 | 944.80 |
|                | 264 | 6,361,049.0 | 1,833,892.4 | 944.80 |
|                | 265 | 6,361,055.5 | 1,833,880.2 | 944.80 |
|                | 266 | 6,361,064.0 | 1,833,869.5 | 944.80 |
|                | 267 | 6,361,074.0 | 1,833,860.4 | 944.80 |
|                | 268 | 6,361,085.5 | 1,833,853.0 | 944.80 |
|                | 269 | 6,361,098.0 | 1,833,847.9 | 944.80 |
|                | 270 | 6,361,113.5 | 1,833,844.4 | 944.80 |
|                | 271 | 6,361,129.0 | 1,833,843.6 | 944.80 |
|                | 272 | 6,361,144.5 | 1,833,845.4 | 944.80 |
|                | 273 | 6,361,160.0 | 1,833,849.6 | 944.80 |
|                | 259 | 6,361,174.0 | 1,833,856.4 | 944.80 |
| Terrain Line12 | 274 | 6,361,009.0 | 1,834,161.5 | 945.30 |
|                | 275 | 6,360,990.5 | 1,834,163.9 | 945.30 |
|                | 276 | 6,360,971.5 | 1,834,165.6 | 945.30 |

**INPUT: TERRAIN LINES****8207**

|                |     |             |             |        |
|----------------|-----|-------------|-------------|--------|
|                | 277 | 6,360,952.5 | 1,834,166.8 | 945.30 |
|                | 278 | 6,360,933.5 | 1,834,167.4 | 945.40 |
|                | 279 | 6,360,926.5 | 1,834,015.5 | 944.60 |
|                | 280 | 6,360,984.5 | 1,834,014.5 | 939.80 |
| Terrain Line13 | 281 | 6,361,015.0 | 1,834,191.0 | 958.40 |
|                | 283 | 6,360,999.0 | 1,834,193.1 | 957.60 |
|                | 284 | 6,360,983.0 | 1,834,194.8 | 955.90 |
|                | 285 | 6,360,967.5 | 1,834,196.0 | 954.80 |
|                | 286 | 6,360,951.5 | 1,834,196.9 | 953.20 |
|                | 287 | 6,360,935.5 | 1,834,197.4 | 953.00 |
|                | 288 | 6,360,942.0 | 1,834,226.9 | 955.20 |
|                | 289 | 6,360,948.0 | 1,834,256.5 | 956.90 |
|                | 290 | 6,360,953.5 | 1,834,286.1 | 958.40 |
|                | 291 | 6,360,958.0 | 1,834,316.0 | 960.00 |
|                | 292 | 6,360,962.0 | 1,834,347.5 | 962.10 |
|                | 293 | 6,360,965.0 | 1,834,379.0 | 963.30 |
|                | 294 | 6,360,967.0 | 1,834,410.5 | 964.00 |
|                | 295 | 6,360,969.0 | 1,834,442.1 | 964.20 |
|                | 296 | 6,360,970.0 | 1,834,469.9 | 963.10 |
|                | 297 | 6,360,969.0 | 1,834,497.6 | 961.00 |
|                | 298 | 6,360,965.0 | 1,834,525.1 | 956.00 |
|                | 299 | 6,360,958.5 | 1,834,552.1 | 950.30 |
|                | 300 | 6,360,913.0 | 1,834,758.2 | 915.90 |
|                | 301 | 6,360,911.5 | 1,834,778.6 | 919.10 |
|                | 302 | 6,360,910.0 | 1,834,799.1 | 918.90 |
|                | 303 | 6,360,908.0 | 1,834,819.5 | 918.80 |
|                | 304 | 6,360,905.5 | 1,834,839.8 | 918.80 |
|                | 305 | 6,360,902.5 | 1,834,860.1 | 918.80 |
|                | 306 | 6,360,899.5 | 1,834,880.4 | 918.80 |
|                | 307 | 6,360,895.5 | 1,834,900.5 | 918.80 |
|                | 308 | 6,360,895.5 | 1,834,908.0 | 918.80 |
|                | 309 | 6,360,898.0 | 1,834,915.0 | 918.70 |
|                | 310 | 6,360,903.0 | 1,834,920.6 | 918.60 |
|                | 311 | 6,360,910.0 | 1,834,925.2 | 918.50 |
|                | 312 | 6,360,917.5 | 1,834,928.9 | 918.40 |
|                | 313 | 6,360,925.5 | 1,834,931.4 | 918.40 |

**INPUT: TERRAIN LINES****8207**

|                |     |             |             |        |
|----------------|-----|-------------|-------------|--------|
|                | 314 | 6,360,939.0 | 1,834,934.2 | 918.40 |
|                | 315 | 6,360,953.0 | 1,834,936.8 | 918.40 |
|                | 316 | 6,360,966.5 | 1,834,938.8 | 918.50 |
|                | 317 | 6,360,980.0 | 1,834,940.4 | 918.50 |
|                | 318 | 6,360,994.0 | 1,834,941.4 | 918.50 |
|                | 319 | 6,361,008.0 | 1,834,942.0 | 918.50 |
|                | 320 | 6,361,021.5 | 1,834,942.2 | 918.50 |
|                | 282 | 6,361,035.5 | 1,834,942.0 | 918.50 |
| Terrain Line14 | 321 | 6,360,769.0 | 1,835,069.6 | 909.80 |
|                | 323 | 6,360,783.0 | 1,835,045.8 | 909.70 |
|                | 324 | 6,360,797.0 | 1,835,021.6 | 909.80 |
|                | 325 | 6,360,809.5 | 1,834,997.0 | 909.80 |
|                | 326 | 6,360,821.5 | 1,834,972.0 | 909.80 |
|                | 327 | 6,360,833.0 | 1,834,946.6 | 909.70 |
|                | 328 | 6,360,843.5 | 1,834,920.6 | 909.90 |
|                | 329 | 6,360,826.5 | 1,834,928.2 | 909.40 |
|                | 330 | 6,360,807.5 | 1,834,928.5 | 909.00 |
|                | 331 | 6,360,790.0 | 1,834,921.1 | 909.70 |
|                | 332 | 6,360,777.0 | 1,834,907.5 | 909.80 |
|                | 333 | 6,360,767.5 | 1,834,897.4 | 909.70 |
|                | 334 | 6,360,756.5 | 1,834,888.6 | 909.70 |
|                | 335 | 6,360,744.5 | 1,834,881.6 | 909.70 |
|                | 336 | 6,360,732.0 | 1,834,876.2 | 909.80 |
|                | 337 | 6,360,718.5 | 1,834,872.8 | 909.70 |
|                | 322 | 6,360,704.5 | 1,834,871.1 | 909.70 |
| Terrain Line15 | 338 | 6,360,825.0 | 1,835,128.6 | 915.80 |
|                | 340 | 6,360,849.5 | 1,835,055.6 | 915.80 |
|                | 341 | 6,360,868.0 | 1,834,987.2 | 915.80 |
|                | 342 | 6,360,872.5 | 1,834,979.4 | 915.90 |
|                | 343 | 6,360,880.0 | 1,834,974.5 | 915.80 |
|                | 344 | 6,360,889.5 | 1,834,973.9 | 915.80 |
|                | 345 | 6,360,906.0 | 1,834,976.2 | 915.90 |
|                | 346 | 6,360,923.0 | 1,834,977.8 | 915.80 |
|                | 347 | 6,360,940.0 | 1,834,978.2 | 915.70 |
|                | 348 | 6,360,956.5 | 1,834,977.6 | 915.70 |
|                | 339 | 6,360,973.5 | 1,834,976.0 | 913.60 |

**INPUT: TERRAIN LINES****8207**

|                |     |             |             |        |
|----------------|-----|-------------|-------------|--------|
| Terrain Line16 | 349 | 6,360,329.0 | 1,835,736.9 | 899.80 |
|                | 351 | 6,360,341.5 | 1,835,624.4 | 899.70 |
|                | 352 | 6,360,343.5 | 1,835,618.0 | 899.80 |
|                | 353 | 6,360,348.5 | 1,835,613.2 | 899.80 |
|                | 354 | 6,360,355.0 | 1,835,611.1 | 899.80 |
|                | 355 | 6,360,359.5 | 1,835,610.6 | 899.80 |
|                | 356 | 6,360,365.5 | 1,835,611.4 | 899.80 |
|                | 357 | 6,360,371.0 | 1,835,614.5 | 899.80 |
|                | 358 | 6,360,374.5 | 1,835,619.6 | 899.80 |
|                | 359 | 6,360,378.5 | 1,835,626.4 | 899.80 |
|                | 360 | 6,360,383.0 | 1,835,632.4 | 899.80 |
|                | 361 | 6,360,389.0 | 1,835,637.4 | 899.80 |
|                | 362 | 6,360,395.5 | 1,835,641.4 | 899.80 |
|                | 363 | 6,360,402.5 | 1,835,644.1 | 899.80 |
|                | 364 | 6,360,410.0 | 1,835,645.5 | 899.80 |
|                | 365 | 6,360,418.0 | 1,835,645.5 | 899.80 |
|                | 366 | 6,360,425.5 | 1,835,644.1 | 899.80 |
|                | 367 | 6,360,430.0 | 1,835,644.0 | 899.80 |
|                | 368 | 6,360,435.0 | 1,835,645.6 | 899.80 |
|                | 369 | 6,360,438.5 | 1,835,649.0 | 899.80 |
|                | 370 | 6,360,444.5 | 1,835,654.8 | 899.80 |
|                | 371 | 6,360,451.0 | 1,835,659.4 | 899.80 |
|                | 372 | 6,360,459.0 | 1,835,662.6 | 899.80 |
|                | 373 | 6,360,467.0 | 1,835,664.2 | 899.80 |
|                | 374 | 6,360,475.0 | 1,835,664.5 | 899.80 |
|                | 375 | 6,360,483.0 | 1,835,663.0 | 899.80 |
|                | 376 | 6,360,491.0 | 1,835,660.1 | 899.80 |
|                | 377 | 6,360,498.0 | 1,835,655.8 | 899.80 |
|                | 378 | 6,360,502.0 | 1,835,652.5 | 899.70 |
|                | 379 | 6,360,521.5 | 1,835,677.9 | 899.70 |
|                | 350 | 6,360,558.5 | 1,835,729.0 | 899.80 |
| Terrain Line17 | 380 | 6,361,078.0 | 1,835,802.0 | 906.60 |
|                | 382 | 6,360,980.0 | 1,835,791.0 | 903.70 |
|                | 383 | 6,360,853.0 | 1,835,759.0 | 903.60 |
|                | 384 | 6,360,600.0 | 1,835,670.2 | 896.80 |
|                | 385 | 6,360,609.5 | 1,835,680.8 | 897.80 |

**INPUT: TERRAIN LINES****8207**

|  |     |             |             |        |
|--|-----|-------------|-------------|--------|
|  | 386 | 6,360,624.0 | 1,835,696.9 | 897.80 |
|  | 387 | 6,360,635.0 | 1,835,709.5 | 897.80 |
|  | 388 | 6,360,651.0 | 1,835,727.1 | 897.80 |
|  | 389 | 6,360,659.5 | 1,835,736.8 | 897.80 |
|  | 390 | 6,360,664.0 | 1,835,742.2 | 897.90 |
|  | 391 | 6,360,675.5 | 1,835,757.4 | 897.90 |
|  | 392 | 6,360,684.5 | 1,835,770.1 | 897.80 |
|  | 393 | 6,360,692.0 | 1,835,780.0 | 897.90 |
|  | 394 | 6,360,699.5 | 1,835,789.9 | 897.90 |
|  | 395 | 6,360,708.0 | 1,835,800.6 | 897.90 |
|  | 396 | 6,360,721.0 | 1,835,815.4 | 897.90 |
|  | 397 | 6,360,731.5 | 1,835,827.2 | 897.90 |
|  | 398 | 6,360,735.0 | 1,835,831.0 | 897.90 |
|  | 399 | 6,360,742.0 | 1,835,838.0 | 901.10 |
|  | 400 | 6,360,752.5 | 1,835,848.2 | 903.80 |
|  | 401 | 6,360,760.5 | 1,835,856.0 | 903.80 |
|  | 402 | 6,360,764.5 | 1,835,859.4 | 903.80 |
|  | 403 | 6,360,778.0 | 1,835,871.0 | 903.80 |
|  | 404 | 6,360,791.5 | 1,835,882.8 | 903.80 |
|  | 405 | 6,360,794.5 | 1,835,885.2 | 903.80 |
|  | 406 | 6,360,799.0 | 1,835,889.1 | 903.80 |
|  | 407 | 6,360,809.5 | 1,835,897.9 | 903.80 |
|  | 408 | 6,360,811.5 | 1,835,899.8 | 903.90 |
|  | 409 | 6,360,823.0 | 1,835,908.4 | 903.90 |
|  | 410 | 6,360,827.0 | 1,835,911.1 | 903.90 |
|  | 411 | 6,360,858.0 | 1,835,934.1 | 906.90 |
|  | 412 | 6,360,864.0 | 1,835,938.8 | 906.90 |
|  | 413 | 6,360,871.5 | 1,835,945.2 | 906.90 |
|  | 414 | 6,360,875.0 | 1,835,948.4 | 906.90 |
|  | 415 | 6,360,878.5 | 1,835,951.2 | 906.90 |
|  | 416 | 6,360,886.0 | 1,835,958.0 | 906.90 |
|  | 417 | 6,360,891.5 | 1,835,963.4 | 906.90 |
|  | 418 | 6,360,896.5 | 1,835,968.1 | 906.90 |
|  | 419 | 6,360,902.5 | 1,835,973.9 | 906.90 |
|  | 420 | 6,360,905.5 | 1,835,976.5 | 906.90 |
|  | 421 | 6,360,908.0 | 1,835,978.4 | 906.90 |

**INPUT: TERRAIN LINES****8207**

|  |     |             |             |        |
|--|-----|-------------|-------------|--------|
|  | 422 | 6,360,908.0 | 1,835,978.8 | 906.90 |
|  | 423 | 6,360,909.0 | 1,835,979.5 | 906.90 |
|  | 424 | 6,360,913.5 | 1,835,982.9 | 906.90 |
|  | 425 | 6,360,916.5 | 1,835,985.1 | 906.90 |
|  | 426 | 6,360,924.0 | 1,835,990.6 | 906.90 |
|  | 427 | 6,360,928.5 | 1,835,993.9 | 906.90 |
|  | 428 | 6,360,932.0 | 1,835,996.4 | 906.90 |
|  | 429 | 6,360,941.5 | 1,836,002.9 | 906.90 |
|  | 430 | 6,360,952.0 | 1,836,009.2 | 906.90 |
|  | 431 | 6,360,962.0 | 1,836,015.1 | 906.90 |
|  | 432 | 6,360,973.0 | 1,836,021.5 | 906.90 |
|  | 433 | 6,360,989.5 | 1,836,030.0 | 906.90 |
|  | 434 | 6,360,999.5 | 1,836,034.8 | 906.90 |
|  | 435 | 6,361,010.5 | 1,836,039.9 | 906.90 |
|  | 436 | 6,361,020.0 | 1,836,043.8 | 906.90 |
|  | 437 | 6,361,031.5 | 1,836,048.0 | 906.90 |
|  | 438 | 6,361,040.0 | 1,836,051.1 | 906.90 |
|  | 439 | 6,361,051.5 | 1,836,054.9 | 906.90 |
|  | 440 | 6,361,057.5 | 1,836,056.9 | 906.90 |
|  | 441 | 6,361,067.0 | 1,836,059.8 | 906.90 |
|  | 442 | 6,361,075.5 | 1,836,062.0 | 906.90 |
|  | 443 | 6,361,095.0 | 1,836,066.6 | 905.90 |
|  | 444 | 6,361,102.0 | 1,836,068.1 | 905.90 |
|  | 445 | 6,361,115.0 | 1,836,070.5 | 905.90 |
|  | 446 | 6,361,126.5 | 1,836,072.4 | 905.90 |
|  | 447 | 6,361,134.0 | 1,836,073.5 | 905.90 |
|  | 448 | 6,361,141.5 | 1,836,074.2 | 905.90 |
|  | 449 | 6,361,144.0 | 1,836,074.5 | 905.90 |
|  | 450 | 6,361,146.5 | 1,836,074.9 | 905.90 |
|  | 451 | 6,361,149.5 | 1,836,075.1 | 905.90 |
|  | 452 | 6,361,153.0 | 1,836,075.4 | 905.90 |
|  | 453 | 6,361,154.0 | 1,836,075.5 | 905.90 |
|  | 454 | 6,361,157.0 | 1,836,075.8 | 905.90 |
|  | 455 | 6,361,161.5 | 1,836,076.0 | 905.90 |
|  | 456 | 6,361,165.5 | 1,836,076.2 | 905.80 |
|  | 457 | 6,361,173.5 | 1,836,076.6 | 905.70 |

**INPUT: TERRAIN LINES****8207**

|                |     |             |             |        |
|----------------|-----|-------------|-------------|--------|
|                | 458 | 6,361,175.5 | 1,836,076.6 | 905.70 |
|                | 459 | 6,361,189.5 | 1,836,076.8 | 905.60 |
|                | 460 | 6,361,194.5 | 1,836,076.8 | 905.50 |
|                | 461 | 6,361,204.5 | 1,836,076.5 | 904.40 |
|                | 462 | 6,361,207.5 | 1,836,076.4 | 903.80 |
|                | 463 | 6,361,214.0 | 1,836,076.0 | 903.10 |
|                | 464 | 6,361,215.5 | 1,836,075.9 | 902.90 |
|                | 465 | 6,361,217.5 | 1,836,075.9 | 902.70 |
|                | 466 | 6,361,220.5 | 1,836,075.6 | 902.40 |
|                | 381 | 6,361,279.0 | 1,835,959.5 | 902.00 |
| Terrain Line18 | 467 | 6,360,325.0 | 1,835,766.9 | 899.60 |
|                | 469 | 6,360,561.0 | 1,835,766.9 | 909.80 |
|                | 470 | 6,360,570.5 | 1,835,777.8 | 909.80 |
|                | 471 | 6,360,580.0 | 1,835,788.4 | 909.80 |
|                | 472 | 6,360,589.5 | 1,835,799.0 | 909.90 |
|                | 473 | 6,360,599.5 | 1,835,809.4 | 909.80 |
|                | 474 | 6,360,609.5 | 1,835,819.6 | 909.90 |
|                | 475 | 6,360,619.5 | 1,835,829.8 | 909.70 |
|                | 476 | 6,360,629.5 | 1,835,839.8 | 909.80 |
|                | 477 | 6,360,640.0 | 1,835,849.6 | 909.70 |
|                | 478 | 6,360,650.5 | 1,835,859.4 | 909.80 |
|                | 479 | 6,360,661.5 | 1,835,868.9 | 909.80 |
|                | 480 | 6,360,672.0 | 1,835,878.2 | 909.80 |
|                | 481 | 6,360,683.0 | 1,835,887.5 | 910.60 |
|                | 482 | 6,360,694.5 | 1,835,898.2 | 911.80 |
|                | 483 | 6,360,705.5 | 1,835,908.9 | 911.80 |
|                | 484 | 6,360,717.5 | 1,835,919.2 | 911.80 |
|                | 485 | 6,360,729.0 | 1,835,929.6 | 911.80 |
|                | 486 | 6,360,741.0 | 1,835,939.6 | 911.80 |
|                | 487 | 6,360,753.0 | 1,835,949.6 | 911.80 |
|                | 488 | 6,360,765.0 | 1,835,959.4 | 911.90 |
|                | 489 | 6,360,777.0 | 1,835,969.1 | 911.80 |
|                | 490 | 6,360,786.5 | 1,835,978.5 | 911.80 |
|                | 491 | 6,360,795.5 | 1,835,988.9 | 911.70 |
|                | 468 | 6,360,803.0 | 1,836,000.0 | 911.90 |

## RESULTS: SOUND LEVELS

8207

|                                         |     |                                         |          |            |        |                        |           |            |                 |            |      |            |  |
|-----------------------------------------|-----|-----------------------------------------|----------|------------|--------|------------------------|-----------|------------|-----------------|------------|------|------------|--|
| Dudek                                   |     |                                         |          |            |        |                        |           |            |                 |            |      |            |  |
| M Greene                                |     |                                         |          |            |        |                        |           |            |                 |            |      |            |  |
|                                         |     |                                         |          |            |        |                        |           |            |                 |            |      |            |  |
| RESULTS: SOUND LEVELS                   |     |                                         |          |            |        |                        |           |            |                 |            |      |            |  |
| PROJECT/CONTRACT:                       |     | 8207                                    |          |            |        |                        |           |            |                 |            |      |            |  |
| RUN:                                    |     | Oty Rnch V4 PrctrVlly Ex w ProjRev 0817 |          |            |        |                        |           |            |                 |            |      |            |  |
| BARRIER DESIGN:                         |     | INPUT HEIGHTS                           |          |            |        |                        |           |            |                 |            |      |            |  |
|                                         |     |                                         |          |            |        |                        |           |            |                 |            |      |            |  |
| ATMOSPHERICS:                           |     | 68 deg F, 50% RH                        |          |            |        |                        |           |            |                 |            |      |            |  |
|                                         |     |                                         |          |            |        |                        |           |            |                 |            |      |            |  |
| Receiver                                |     |                                         |          |            |        |                        |           |            |                 |            |      |            |  |
| Name                                    | No. | #DUs                                    | Existing | No Barrier |        |                        |           |            | With Barrier    |            |      |            |  |
|                                         |     |                                         | LAeq1h   | LAeq1h     |        | Increase over existing | Type      | Calculated | Noise Reduction |            |      |            |  |
|                                         |     |                                         |          | Calculated | Crit'n | Calculated             | Crit'n    | Impact     | LAeq1h          | Calculated | Goal | Calculated |  |
|                                         |     |                                         |          |            |        |                        | Sub'l Inc |            |                 |            |      | minus      |  |
|                                         |     |                                         |          |            |        |                        |           |            |                 |            |      | Goal       |  |
|                                         |     |                                         | dBA      | dBA        | dBA    | dB                     | dB        |            | dBA             | dB         | dB   | dB         |  |
| R1 San MiguelRnchRd W of SR125          | 3   | 1                                       | 0.0      | 64.7       | 65     | 64.7                   | 1         | ----       | 64.7            | 0.0        | 8    | -8.0       |  |
| R2 MtMiguelRd - ProctorVlly-SnMgl       | 5   | 1                                       | 0.0      | 54.2       | 65     | 54.2                   | 1         | ----       | 54.2            | 0.0        | 8    | -8.0       |  |
| R3 PrctrVlly Rd SR15 - MtMiguelRd       | 7   | 1                                       | 0.0      | 55.5       | 65     | 55.5                   | 1         | ----       | 55.5            | 0.0        | 8    | -8.0       |  |
| R4 MtMglRd - Lane Ave                   | 9   | 1                                       | 0.0      | 64.4       | 65     | 64.4                   | 1         | ----       | 64.4            | 0.0        | 8    | -8.0       |  |
| R5 Lane Ave - PrctrVllyRd-OtayLksRd     | 11  | 1                                       | 0.0      | 54.6       | 65     | 54.6                   | 1         | ----       | 54.6            | 0.0        | 8    | -8.0       |  |
| R6 PrctrVllyRd-Lane Ave-HuntePkwY       | 13  | 1                                       | 0.0      | 56.7       | 65     | 56.7                   | 1         | ----       | 56.7            | 0.0        | 8    | -8.0       |  |
| R7 HuntePkwY-PrctrVllyRd-OtyLksRd       | 15  | 1                                       | 0.0      | 53.8       | 65     | 53.8                   | 1         | ----       | 53.8            | 0.0        | 8    | -8.0       |  |
| R8 HuntePkwY-OtyLksRd-OlmpcPkwY         | 17  | 1                                       | 0.0      | 57.9       | 65     | 57.9                   | 1         | ----       | 57.9            | 0.0        | 8    | -8.0       |  |
| R9 HuntePkwY-OlmpcPkwY-EastlkPkwY       | 19  | 1                                       | 0.0      | 47.7       | 65     | 47.7                   | 1         | ----       | 47.7            | 0.0        | 8    | -8.0       |  |
| R10 PrctrVllyRd-HuntePkyw-Nrthwd        | 21  | 1                                       | 0.0      | 54.0       | 65     | 54.0                   | 1         | ----       | 54.0            | 0.0        | 8    | -8.0       |  |
| R11 NrthwdsDr-ProctrVlly-BlueRdgDr      | 23  | 1                                       | 0.0      | 51.8       | 65     | 51.8                   | 1         | ----       | 51.8            | 0.0        | 8    | -8.0       |  |
| M4 / R12 PrctrVlly Rd w of NrthwdsDr    | 27  | 1                                       | 0.0      | 55.5       | 65     | 55.5                   | 1         | ----       | 55.5            | 0.0        | 8    | -8.0       |  |
| M6 / R13 SnMglRnchRd e of SR125         | 29  | 1                                       | 0.0      | 59.5       | 65     | 59.5                   | 1         | ----       | 59.5            | 0.0        | 8    | -8.0       |  |
| M8 / R14 PrctrVlly Rd n of Project      | 31  | 1                                       | 0.0      | 51.4       | 65     | 51.4                   | 1         | ----       | 51.4            | 0.0        | 8    | -8.0       |  |
| M9 / R15 PrtrVllyRd-Melody Rd-SchleeCyn | 33  | 1                                       | 0.0      | 50.2       | 65     | 50.2                   | 1         | ----       | 50.2            | 0.0        | 8    | -8.0       |  |
| M10 / R16 MldyRd - PrctrVllyRd - SR-94  | 35  | 1                                       | 0.0      | 50.9       | 65     | 50.9                   | 1         | ----       | 50.9            | 0.0        | 8    | -8.0       |  |
| M11 / R17 PrctrVllyRd-SchleeCyn Rd-Mxf  | 37  | 1                                       | 0.0      | 57.8       | 65     | 57.8                   | 1         | ----       | 57.8            | 0.0        | 8    | -8.0       |  |
| R18 PrctrVllyRd - MaxfieldRd to SR-94   | 39  | 1                                       | 0.0      | 59.9       | 65     | 59.9                   | 1         | ----       | 59.9            | 0.0        | 8    | -8.0       |  |
| R19 P-1                                 | 100 | 1                                       | 0.0      | 58.3       | 65     | 58.3                   | 1         | ----       | 58.3            | 0.0        | 8    | -8.0       |  |
| R20 R-4 southwest side                  | 101 | 1                                       | 0.0      | 64.3       | 60     | 64.3                   | 1         | Snd Lvl    | 64.3            | 0.0        | 8    | -8.0       |  |
| R21 R-4 west side                       | 102 | 1                                       | 0.0      | 64.4       | 60     | 64.4                   | 1         | Snd Lvl    | 64.4            | 0.0        | 8    | -8.0       |  |
| R22 R-4 northwest side                  | 103 | 1                                       | 0.0      | 64.7       | 60     | 64.7                   | 1         | Snd Lvl    | 64.7            | 0.0        | 8    | -8.0       |  |
| R23 R-5 Lot 10 southwest side           | 104 | 1                                       | 0.0      | 61.9       | 60     | 61.9                   | 1         | Snd Lvl    | 61.9            | 0.0        | 8    | -8.0       |  |
| R24 R-5 Lot 5 west side                 | 105 | 1                                       | 0.0      | 63.9       | 60     | 63.9                   | 1         | Snd Lvl    | 63.9            | 0.0        | 8    | -8.0       |  |

**RESULTS: SOUND LEVELS**
**8207**

| R25 R-5 PPP-1 northwest side  | 106   | 1               | 0.0       | 57.6      | 65 | 57.6 | 1  | ----    | 57.6 | 0.0 | 8 | -8.0 |
|-------------------------------|-------|-----------------|-----------|-----------|----|------|----|---------|------|-----|---|------|
| R26 R-12 Park south side      | 107   | 1               | 0.0       | 58.4      | 65 | 58.4 | 1  | ----    | 58.4 | 0.0 | 8 | -8.0 |
| R27 S-1 School southwest side | 108   | 1               | 0.0       | 57.5      | 65 | 57.5 | 1  | ----    | 57.5 | 0.0 | 8 | -8.0 |
| R28 R-12 Park north side      | 109   | 1               | 0.0       | 59.0      | 65 | 59.0 | 1  | ----    | 59.0 | 0.0 | 8 | -8.0 |
| R29 S-1 School west side      | 110   | 1               | 0.0       | 58.4      | 65 | 58.4 | 1  | ----    | 58.4 | 0.0 | 8 | -8.0 |
| R30 S-1 School northwest side | 111   | 1               | 0.0       | 57.7      | 65 | 57.7 | 1  | ----    | 57.7 | 0.0 | 8 | -8.0 |
| R31 P-2 park                  | 112   | 1               | 0.0       | 57.7      | 65 | 57.7 | 1  | ----    | 57.7 | 0.0 | 8 | -8.0 |
| R32 MU-1                      | 113   | 1               | 0.0       | 57.9      | 65 | 57.9 | 1  | ----    | 57.9 | 0.0 | 8 | -8.0 |
| R33 R-10 Lot 6                | 114   | 1               | 0.0       | 60.4      | 60 | 60.4 | 1  | Snd Lvl | 60.4 | 0.0 | 8 | -8.0 |
| R34 R-10 Lot 4                | 115   | 1               | 0.0       | 60.1      | 60 | 60.1 | 1  | Snd Lvl | 60.1 | 0.0 | 8 | -8.0 |
| R35 R-10 Lot 2                | 116   | 1               | 0.0       | 59.9      | 60 | 59.9 | 1  | ----    | 59.9 | 0.0 | 8 | -8.0 |
| R36 R-11 PP-4                 | 117   | 1               | 0.0       | 54.2      | 65 | 54.2 | 1  | ----    | 54.2 | 0.0 | 8 | -8.0 |
| R37 R-11 Lot 54               | 118   | 1               | 0.0       | 58.9      | 60 | 58.9 | 1  | ----    | 58.9 | 0.0 | 8 | -8.0 |
| R38 R-11 Lot 58               | 119   | 1               | 0.0       | 58.8      | 60 | 58.8 | 1  | ----    | 58.8 | 0.0 | 8 | -8.0 |
| R39 R-11 Lot 61               | 120   | 1               | 0.0       | 58.8      | 60 | 58.8 | 1  | ----    | 58.8 | 0.0 | 8 | -8.0 |
| R40 R-11 Lot 1                | 121   | 1               | 0.0       | 56.9      | 60 | 56.9 | 1  | ----    | 56.9 | 0.0 | 8 | -8.0 |
| R41 R-11 Lot 4                | 122   | 1               | 0.0       | 56.1      | 60 | 56.1 | 1  | ----    | 56.1 | 0.0 | 8 | -8.0 |
| R42 R-11 Lot 6                | 123   | 1               | 0.0       | 51.5      | 60 | 51.5 | 1  | ----    | 51.5 | 0.0 | 8 | -8.0 |
| R43 R-11 Lot 8                | 124   | 1               | 0.0       | 44.7      | 60 | 44.7 | 1  | ----    | 44.7 | 0.0 | 8 | -8.0 |
| R44 R-14 Lot 64               | 125   | 1               | 0.0       | 50.6      | 60 | 50.6 | 1  | ----    | 50.6 | 0.0 | 8 | -8.0 |
| R45 R-14 Lot 28               | 126   | 1               | 0.0       | 54.6      | 60 | 54.6 | 1  | ----    | 54.6 | 0.0 | 8 | -8.0 |
| R46 R-14 open space           | 127   | 1               | 0.0       | 46.5      | 65 | 46.5 | 1  | ----    | 46.5 | 0.0 | 8 | -8.0 |
| R47 R-14 Lot 27               | 128   | 1               | 0.0       | 59.4      | 60 | 59.4 | 1  | ----    | 59.4 | 0.0 | 8 | -8.0 |
| R48 R-14 Lot 2                | 129   | 1               | 0.0       | 57.5      | 60 | 57.5 | 1  | ----    | 57.5 | 0.0 | 8 | -8.0 |
| R49 R-14 Lot 1                | 130   | 1               | 0.0       | 57.2      | 60 | 57.2 | 1  | ----    | 57.2 | 0.0 | 8 | -8.0 |
| R50 R-14 P-4                  | 131   | 1               | 0.0       | 52.8      | 60 | 52.8 | 1  | ----    | 52.8 | 0.0 | 8 | -8.0 |
| R51 R-13 Lot 1                | 132   | 1               | 0.0       | 55.7      | 60 | 55.7 | 0  | ----    | 55.7 | 0.0 | 8 | -8.0 |
| R52 R-13 Lot 9                | 133   | 1               | 0.0       | 55.2      | 60 | 55.2 | 0  | ----    | 55.2 | 0.0 | 8 | -8.0 |
| R53 R-13 Lot 8                | 134   | 1               | 0.0       | 51.8      | 60 | 51.8 | 0  | ----    | 51.8 | 0.0 | 8 | -8.0 |
| R54 R-13 Lot 10               | 135   | 1               | 0.0       | 53.3      | 60 | 53.3 | 0  | ----    | 53.3 | 0.0 | 8 | -8.0 |
| R55 R-13 Lot 11               | 136   | 1               | 0.0       | 51.3      | 60 | 51.3 | 0  | ----    | 51.3 | 0.0 | 8 | -8.0 |
| R56 R-13 Lot 12               | 138   | 1               | 0.0       | 53.4      | 66 | 53.4 | 10 | ----    | 53.4 | 0.0 | 8 | -8.0 |
| Dwelling Units                | # DUs | Noise Reduction |           |           |    |      |    |         |      |     |   |      |
|                               |       | Min<br>dB       | Avg<br>dB | Max<br>dB |    |      |    |         |      |     |   |      |
| All Selected                  | 56    | 0.0             | 0.0       | 0.0       |    |      |    |         |      |     |   |      |
| All Impacted                  | 7     | 0.0             | 0.0       | 0.0       |    |      |    |         |      |     |   |      |
| All that meet NR Goal         | 0     | 0.0             | 0.0       | 0.0       |    |      |    |         |      |     |   |      |

**INPUT: ROADWAYS**
**8207**

|                                       |              |             |            |                                        |             |          |                     |                   |                 |             |                |
|---------------------------------------|--------------|-------------|------------|----------------------------------------|-------------|----------|---------------------|-------------------|-----------------|-------------|----------------|
| Dudek                                 |              |             |            |                                        |             |          |                     |                   |                 |             |                |
| M Greene                              |              |             |            |                                        |             |          |                     |                   |                 |             |                |
|                                       |              |             |            |                                        |             |          |                     |                   |                 |             |                |
| <b>INPUT: ROADWAYS</b>                |              |             |            |                                        |             |          |                     |                   |                 |             |                |
| <b>PROJECT/CONTRACT:</b>              |              |             |            | 8207                                   |             |          |                     |                   |                 |             |                |
| <b>RUN:</b>                           |              |             |            | OtyRnchVilg14PrctrVily Yr 2030Rev 0817 |             |          |                     |                   |                 |             |                |
| <b>Roadway</b>                        |              |             |            | <b>Points</b>                          |             |          |                     |                   |                 |             |                |
| <b>Name</b>                           | <b>Width</b> | <b>Name</b> | <b>No.</b> | <b>Coordinates (pavement)</b>          |             |          | <b>Flow Control</b> |                   |                 |             | <b>Segment</b> |
|                                       |              |             |            | <b>X</b>                               | <b>Y</b>    | <b>Z</b> | <b>Control</b>      | <b>Speed</b>      | <b>Percent</b>  | <b>Pvmt</b> | <b>On</b>      |
|                                       |              |             |            |                                        |             |          | <b>Device</b>       | <b>Constraint</b> | <b>Vehicles</b> | <b>Type</b> | <b>Struct?</b> |
|                                       |              |             |            |                                        |             |          |                     |                   | <b>Affected</b> |             |                |
|                                       | ft           |             |            | ft                                     | ft          | ft       |                     | mph               | %               |             |                |
| Melody Road - Proctor Vily Rd - SR-94 | 25.0         | point379    | 379        | 6,368,196.0                            | 1,836,340.0 | 1,030.00 |                     |                   |                 | Average     |                |
|                                       |              | point380    | 380        | 6,371,196.0                            | 1,836,340.0 | 950.00   |                     |                   |                 |             |                |
| PrctrVilyRd - Melody Rd-SchleeCyn Rd  | 45.0         | point381    | 381        | 6,368,180.0                            | 1,836,341.0 | 1,040.00 |                     |                   |                 | Average     |                |
|                                       |              | point382    | 382        | 6,368,180.0                            | 1,838,940.0 | 1,044.00 |                     |                   |                 |             |                |
| PrctrVilyRd - SchleeCyn Rd-MaxfieldRd | 25.0         | point383    | 383        | 6,368,180.0                            | 1,839,000.0 | 1,044.00 |                     |                   |                 | Average     |                |
|                                       |              | point384    | 384        | 6,371,263.5                            | 1,839,000.0 | 1,040.00 |                     |                   |                 |             |                |
| Proctor Valley Rd-HuntePkyw-Northwd   | 100.0        | point385    | 385        | 6,348,800.5                            | 1,820,600.0 | 630.00   |                     |                   |                 | Average     |                |
|                                       |              | point387    | 387        | 6,346,800.5                            | 1,820,600.0 | 700.00   |                     |                   |                 | Average     |                |
|                                       |              | point445    | 445        | 6,346,300.5                            | 1,820,600.0 | 687.50   |                     |                   |                 | Average     |                |
|                                       |              | point444    | 444        | 6,345,800.5                            | 1,820,600.0 | 675.00   |                     |                   |                 | Average     |                |
|                                       |              | point386    | 386        | 6,344,801.5                            | 1,820,600.0 | 650.00   |                     |                   |                 |             |                |
| Proctor Valley Rd-Lane Ave-HuntePkwY  | 100.0        | point388    | 388        | 6,344,800.0                            | 1,820,600.0 | 650.00   |                     |                   |                 | Average     |                |
|                                       |              | point434    | 434        | 6,344,050.0                            | 1,820,600.0 | 646.00   |                     |                   |                 | Average     |                |
|                                       |              | point389    | 389        | 6,343,300.0                            | 1,820,600.0 | 642.00   |                     |                   |                 |             |                |
| Proctor Valley Rd-MtMglRd - Lane Ave  | 100.0        | point390    | 390        | 6,343,295.0                            | 1,820,600.0 | 642.00   |                     |                   |                 | Average     |                |
|                                       |              | point392    | 392        | 6,342,130.0                            | 1,820,600.0 | 670.00   |                     |                   |                 | Average     |                |
|                                       |              | point430    | 430        | 6,340,965.0                            | 1,820,600.0 | 629.00   |                     |                   |                 | Average     |                |
|                                       |              | point431    | 431        | 6,340,382.5                            | 1,820,600.0 | 608.50   |                     |                   |                 | Average     |                |
|                                       |              | point391    | 391        | 6,339,800.0                            | 1,820,600.0 | 588.00   |                     |                   |                 |             |                |
| SnMglRnch/Mt MglRd-SR125-PrctrVily    | 70.0         | point394    | 394        | 6,339,800.0                            | 1,820,601.0 | 588.00   |                     |                   |                 | Average     |                |
|                                       |              | point428    | 428        | 6,339,800.0                            | 1,821,450.0 | 611.50   |                     |                   |                 | Average     |                |
|                                       |              | point395    | 395        | 6,339,800.0                            | 1,822,300.0 | 635.00   |                     |                   |                 |             |                |
| SanMglRnchRd-PrctrVilyRd - SR-125     | 75.0         | point396    | 396        | 6,339,799.0                            | 1,822,295.0 | 635.00   |                     |                   |                 | Average     |                |
|                                       |              | point423    | 423        | 6,338,800.0                            | 1,822,294.5 | 584.75   |                     |                   |                 | Average     |                |
|                                       |              | point424    | 424        | 6,337,800.0                            | 1,822,294.0 | 534.50   |                     |                   |                 | Average     |                |

**INPUT: ROADWAYS**
**8207**

|                                      |       |          |     |             |             |          |  |  |  |         |  |
|--------------------------------------|-------|----------|-----|-------------|-------------|----------|--|--|--|---------|--|
|                                      |       | point426 | 426 | 6,336,466.5 | 1,822,293.2 | 467.50   |  |  |  | Average |  |
|                                      |       | point397 | 397 | 6,335,800.0 | 1,822,292.9 | 434.00   |  |  |  |         |  |
| Proctor Valley Rd-SR125 - MtMglRd    | 100.0 | point398 | 398 | 6,339,800.0 | 1,820,595.0 | 588.00   |  |  |  | Average |  |
|                                      |       | point429 | 429 | 6,339,000.0 | 1,820,595.0 | 552.00   |  |  |  | Average |  |
|                                      |       | point399 | 399 | 6,338,200.0 | 1,820,595.0 | 516.00   |  |  |  |         |  |
| Northwoods Dr - ProctrVlly-BlueRdgDr | 25.0  | point400 | 400 | 6,348,800.5 | 1,820,595.0 | 630.00   |  |  |  | Average |  |
|                                      |       | point446 | 446 | 6,348,800.5 | 1,820,171.2 | 648.75   |  |  |  | Average |  |
|                                      |       | point447 | 447 | 6,348,800.5 | 1,819,747.5 | 667.50   |  |  |  | Average |  |
|                                      |       | point448 | 448 | 6,348,800.5 | 1,819,323.8 | 686.25   |  |  |  | Average |  |
|                                      |       | point401 | 401 | 6,348,800.5 | 1,818,900.0 | 705.00   |  |  |  |         |  |
| Hunte Pkwy-PrctrVllyRd - OtayLksRd   | 75.0  | point402 | 402 | 6,344,800.0 | 1,820,595.0 | 650.00   |  |  |  | Average |  |
|                                      |       | point437 | 437 | 6,344,800.0 | 1,820,182.5 | 630.00   |  |  |  | Average |  |
|                                      |       | point435 | 435 | 6,344,800.0 | 1,819,770.0 | 610.00   |  |  |  | Average |  |
|                                      |       | point436 | 436 | 6,344,800.0 | 1,819,357.5 | 590.00   |  |  |  | Average |  |
|                                      |       | point406 | 406 | 6,344,800.0 | 1,818,945.0 | 570.00   |  |  |  | Average |  |
|                                      |       | point403 | 403 | 6,344,800.0 | 1,818,395.0 | 619.00   |  |  |  |         |  |
| Hunte Pkwy-OtayLksRd-OlmpcPkwy       | 85.0  | point407 | 407 | 6,344,800.0 | 1,818,395.0 | 619.00   |  |  |  | Average |  |
|                                      |       | point438 | 438 | 6,344,800.0 | 1,817,682.5 | 626.75   |  |  |  | Average |  |
|                                      |       | point439 | 439 | 6,344,800.0 | 1,816,970.0 | 634.50   |  |  |  | Average |  |
|                                      |       | point440 | 440 | 6,344,800.0 | 1,816,257.5 | 642.25   |  |  |  | Average |  |
|                                      |       | point409 | 409 | 6,344,800.0 | 1,815,545.0 | 650.00   |  |  |  | Average |  |
|                                      |       | point408 | 408 | 6,344,800.0 | 1,812,695.0 | 525.00   |  |  |  |         |  |
| Hunte Pkwy-OlmpcPkwy-EastlkPkwy      | 105.0 | point410 | 410 | 6,344,800.0 | 1,812,690.0 | 525.00   |  |  |  | Average |  |
|                                      |       | point412 | 412 | 6,344,800.0 | 1,810,821.2 | 460.00   |  |  |  | Average |  |
|                                      |       | point441 | 441 | 6,344,800.0 | 1,809,416.0 | 485.00   |  |  |  | Average |  |
|                                      |       | point442 | 442 | 6,344,800.0 | 1,808,010.6 | 510.00   |  |  |  | Average |  |
|                                      |       | point443 | 443 | 6,344,800.0 | 1,806,605.2 | 535.00   |  |  |  | Average |  |
|                                      |       | point411 | 411 | 6,344,800.0 | 1,805,200.0 | 560.00   |  |  |  |         |  |
| Lane Ave PrctrVllyRd-OtayLksRd       | 75.0  | point415 | 415 | 6,343,300.0 | 1,820,600.0 | 642.00   |  |  |  | Average |  |
|                                      |       | point433 | 433 | 6,343,300.0 | 1,819,775.0 | 632.75   |  |  |  | Average |  |
|                                      |       | point432 | 432 | 6,343,300.0 | 1,818,950.0 | 623.50   |  |  |  | Average |  |
|                                      |       | point416 | 416 | 6,343,300.0 | 1,817,300.0 | 605.00   |  |  |  |         |  |
| PrctrVllyRd - MaxfieldRd to SR-94    | 30.0  | point421 | 421 | 6,371,265.0 | 1,839,010.0 | 1,040.00 |  |  |  | Average |  |
|                                      |       | point449 | 449 | 6,371,265.0 | 1,839,505.0 | 1,020.00 |  |  |  | Average |  |
|                                      |       | point422 | 422 | 6,371,265.0 | 1,840,000.0 | 1,000.00 |  |  |  |         |  |
| Proctor Valley Road                  | 25.0  | point378 | 378 | 6,368,149.0 | 1,836,340.0 | 960.00   |  |  |  | Average |  |
|                                      |       | point376 | 376 | 6,366,145.0 | 1,836,340.0 | 968.00   |  |  |  | Average |  |
|                                      |       | point374 | 374 | 6,362,537.5 | 1,836,340.0 | 910.00   |  |  |  | Average |  |
|                                      |       | point372 | 372 | 6,362,460.5 | 1,836,102.2 | 904.00   |  |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|  |  |          |     |             |             |        |  |  |  |         |  |
|--|--|----------|-----|-------------|-------------|--------|--|--|--|---------|--|
|  |  | point292 | 292 | 6,361,350.0 | 1,836,103.2 | 904.16 |  |  |  | Average |  |
|  |  | point293 | 293 | 6,361,273.0 | 1,836,104.5 | 901.83 |  |  |  | Average |  |
|  |  | point294 | 294 | 6,361,196.5 | 1,836,105.6 | 901.32 |  |  |  | Average |  |
|  |  | point295 | 295 | 6,361,145.0 | 1,836,103.8 | 902.45 |  |  |  | Average |  |
|  |  | point296 | 296 | 6,361,094.0 | 1,836,096.6 | 900.54 |  |  |  | Average |  |
|  |  | point297 | 297 | 6,361,044.0 | 1,836,084.2 | 903.40 |  |  |  | Average |  |
|  |  | point298 | 298 | 6,360,995.5 | 1,836,066.8 | 902.65 |  |  |  | Average |  |
|  |  | point299 | 299 | 6,360,949.0 | 1,836,044.4 | 904.53 |  |  |  | Average |  |
|  |  | point300 | 300 | 6,360,905.0 | 1,836,017.4 | 906.33 |  |  |  | Average |  |
|  |  | point301 | 301 | 6,360,864.5 | 1,835,986.0 | 905.54 |  |  |  | Average |  |
|  |  | point302 | 302 | 6,360,794.0 | 1,835,925.9 | 901.18 |  |  |  | Average |  |
|  |  | point303 | 303 | 6,360,723.5 | 1,835,865.8 | 896.36 |  |  |  | Average |  |
|  |  | point304 | 304 | 6,360,693.5 | 1,835,838.2 | 894.62 |  |  |  | Average |  |
|  |  | point305 | 305 | 6,360,666.5 | 1,835,808.5 | 892.66 |  |  |  | Average |  |
|  |  | point306 | 306 | 6,360,641.5 | 1,835,776.6 | 890.79 |  |  |  | Average |  |
|  |  | point307 | 307 | 6,360,575.5 | 1,835,684.6 | 887.73 |  |  |  | Average |  |
|  |  | point308 | 308 | 6,360,509.5 | 1,835,592.8 | 886.26 |  |  |  | Average |  |
|  |  | point309 | 309 | 6,360,443.5 | 1,835,500.8 | 886.58 |  |  |  | Average |  |
|  |  | point310 | 310 | 6,360,419.5 | 1,835,463.9 | 886.29 |  |  |  | Average |  |
|  |  | point311 | 311 | 6,360,399.0 | 1,835,425.1 | 887.74 |  |  |  | Average |  |
|  |  | point312 | 312 | 6,360,382.0 | 1,835,384.6 | 889.85 |  |  |  | Average |  |
|  |  | point313 | 313 | 6,360,368.0 | 1,835,342.8 | 888.29 |  |  |  | Average |  |
|  |  | point314 | 314 | 6,360,347.0 | 1,835,265.8 | 887.89 |  |  |  | Average |  |
|  |  | point315 | 315 | 6,360,325.5 | 1,835,188.9 | 886.00 |  |  |  | Average |  |
|  |  | point317 | 317 | 6,360,304.5 | 1,835,111.9 | 884.03 |  |  |  | Average |  |
|  |  | point318 | 318 | 6,360,301.0 | 1,835,099.6 | 884.00 |  |  |  | Average |  |
|  |  | point319 | 319 | 6,360,297.0 | 1,835,087.4 | 883.96 |  |  |  | Average |  |
|  |  | point320 | 320 | 6,360,267.0 | 1,834,997.5 | 882.45 |  |  |  | Average |  |
|  |  | point321 | 321 | 6,360,237.0 | 1,834,907.6 | 882.48 |  |  |  | Average |  |
|  |  | point322 | 322 | 6,360,226.5 | 1,834,870.4 | 882.70 |  |  |  | Average |  |
|  |  | point323 | 323 | 6,360,218.5 | 1,834,832.5 | 883.89 |  |  |  | Average |  |
|  |  | point324 | 324 | 6,360,201.5 | 1,834,732.5 | 887.03 |  |  |  | Average |  |
|  |  | point326 | 326 | 6,360,185.0 | 1,834,632.6 | 892.51 |  |  |  | Average |  |
|  |  | point327 | 327 | 6,360,183.0 | 1,834,621.6 | 893.25 |  |  |  | Average |  |
|  |  | point328 | 328 | 6,360,166.5 | 1,834,535.8 | 897.83 |  |  |  | Average |  |
|  |  | point329 | 329 | 6,360,150.5 | 1,834,450.0 | 902.13 |  |  |  | Average |  |
|  |  | point330 | 330 | 6,360,134.0 | 1,834,364.2 | 906.00 |  |  |  | Average |  |
|  |  | point331 | 331 | 6,360,127.0 | 1,834,312.8 | 908.01 |  |  |  | Average |  |
|  |  | point332 | 332 | 6,360,125.0 | 1,834,261.0 | 910.03 |  |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|  |          |     |             |             |        |  |  |         |  |
|--|----------|-----|-------------|-------------|--------|--|--|---------|--|
|  | point333 | 333 | 6,360,129.0 | 1,834,209.2 | 914.00 |  |  | Average |  |
|  | point334 | 334 | 6,360,138.0 | 1,834,158.1 | 916.48 |  |  | Average |  |
|  | point335 | 335 | 6,360,152.0 | 1,834,108.2 | 917.24 |  |  | Average |  |
|  | point336 | 336 | 6,360,171.5 | 1,834,060.1 | 916.66 |  |  | Average |  |
|  | point337 | 337 | 6,360,215.0 | 1,833,966.9 | 912.69 |  |  | Average |  |
|  | point338 | 338 | 6,360,258.0 | 1,833,873.6 | 909.87 |  |  | Average |  |
|  | point339 | 339 | 6,360,301.5 | 1,833,780.5 | 908.02 |  |  | Average |  |
|  | point340 | 340 | 6,360,344.5 | 1,833,687.2 | 907.96 |  |  | Average |  |
|  | point341 | 341 | 6,360,388.0 | 1,833,594.0 | 908.59 |  |  | Average |  |
|  | point342 | 342 | 6,360,431.0 | 1,833,500.8 | 907.49 |  |  | Average |  |
|  | point343 | 343 | 6,360,474.5 | 1,833,407.5 | 908.72 |  |  | Average |  |
|  | point344 | 344 | 6,360,500.0 | 1,833,359.6 | 909.49 |  |  | Average |  |
|  | point345 | 345 | 6,360,530.5 | 1,833,314.8 | 910.39 |  |  | Average |  |
|  | point346 | 346 | 6,360,565.5 | 1,833,273.4 | 910.49 |  |  | Average |  |
|  | point347 | 347 | 6,360,621.5 | 1,833,214.9 | 908.81 |  |  | Average |  |
|  | point348 | 348 | 6,360,677.0 | 1,833,156.2 | 904.15 |  |  | Average |  |
|  | point349 | 349 | 6,360,710.0 | 1,833,117.9 | 900.88 |  |  | Average |  |
|  | point350 | 350 | 6,360,739.0 | 1,833,076.4 | 897.23 |  |  | Average |  |
|  | point351 | 351 | 6,360,763.5 | 1,833,032.1 | 893.40 |  |  | Average |  |
|  | point352 | 352 | 6,360,783.5 | 1,832,985.6 | 890.12 |  |  | Average |  |
|  | point353 | 353 | 6,360,798.5 | 1,832,937.2 | 887.10 |  |  | Average |  |
|  | point354 | 354 | 6,360,809.0 | 1,832,887.8 | 884.98 |  |  | Average |  |
|  | point355 | 355 | 6,360,814.0 | 1,832,837.4 | 883.86 |  |  | Average |  |
|  | point356 | 356 | 6,360,814.0 | 1,832,786.8 | 882.04 |  |  | Average |  |
|  | point357 | 357 | 6,360,809.0 | 1,832,736.4 | 883.38 |  |  | Average |  |
|  | point358 | 358 | 6,360,799.0 | 1,832,686.8 | 880.46 |  |  | Average |  |
|  | point359 | 359 | 6,360,784.0 | 1,832,638.5 | 881.39 |  |  | Average |  |
|  | point360 | 360 | 6,360,752.5 | 1,832,554.1 | 882.15 |  |  | Average |  |
|  | point361 | 361 | 6,360,721.5 | 1,832,469.6 | 885.57 |  |  | Average |  |
|  | point362 | 362 | 6,360,704.0 | 1,832,428.6 | 888.05 |  |  | Average |  |
|  | point363 | 363 | 6,360,683.5 | 1,832,389.2 | 890.78 |  |  | Average |  |
|  | point364 | 364 | 6,360,659.0 | 1,832,351.9 | 895.41 |  |  | Average |  |
|  | point365 | 365 | 6,360,631.5 | 1,832,316.9 | 900.53 |  |  | Average |  |
|  | point5   | 5   | 6,360,604.5 | 1,832,285.2 | 906.91 |  |  | Average |  |
|  | point7   | 7   | 6,360,574.0 | 1,832,311.5 | 906.55 |  |  | Average |  |
|  | point10  | 10  | 6,360,533.5 | 1,832,342.6 | 906.42 |  |  | Average |  |
|  | point11  | 11  | 6,360,519.5 | 1,832,352.1 | 906.38 |  |  | Average |  |
|  | point12  | 12  | 6,360,259.5 | 1,832,520.5 | 916.68 |  |  | Average |  |
|  | point13  | 13  | 6,360,222.0 | 1,832,541.2 | 918.34 |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|  |         |    |             |             |        |  |  |         |  |
|--|---------|----|-------------|-------------|--------|--|--|---------|--|
|  | point14 | 14 | 6,360,181.5 | 1,832,556.4 | 918.23 |  |  | Average |  |
|  | point15 | 15 | 6,360,139.5 | 1,832,565.6 | 916.38 |  |  | Average |  |
|  | point16 | 16 | 6,360,096.5 | 1,832,568.6 | 911.71 |  |  | Average |  |
|  | point17 | 17 | 6,360,000.5 | 1,832,568.6 | 910.33 |  |  | Average |  |
|  | point18 | 18 | 6,359,904.5 | 1,832,568.6 | 913.03 |  |  | Average |  |
|  | point19 | 19 | 6,359,856.0 | 1,832,565.8 | 912.00 |  |  | Average |  |
|  | point20 | 20 | 6,359,807.5 | 1,832,556.8 | 911.80 |  |  | Average |  |
|  | point21 | 21 | 6,359,761.0 | 1,832,542.1 | 915.13 |  |  | Average |  |
|  | point22 | 22 | 6,359,716.5 | 1,832,521.9 | 919.12 |  |  | Average |  |
|  | point23 | 23 | 6,359,675.0 | 1,832,496.2 | 921.85 |  |  | Average |  |
|  | point24 | 24 | 6,359,637.0 | 1,832,465.9 | 923.60 |  |  | Average |  |
|  | point25 | 25 | 6,359,602.5 | 1,832,431.0 | 922.25 |  |  | Average |  |
|  | point26 | 26 | 6,359,573.0 | 1,832,392.2 | 917.36 |  |  | Average |  |
|  | point27 | 27 | 6,359,548.0 | 1,832,350.1 | 910.39 |  |  | Average |  |
|  | point28 | 28 | 6,359,528.5 | 1,832,305.2 | 902.85 |  |  | Average |  |
|  | point29 | 29 | 6,359,514.5 | 1,832,258.5 | 903.72 |  |  | Average |  |
|  | point30 | 30 | 6,359,506.5 | 1,832,210.2 | 905.96 |  |  | Average |  |
|  | point31 | 31 | 6,359,504.5 | 1,832,161.5 | 907.46 |  |  | Average |  |
|  | point32 | 32 | 6,359,506.5 | 1,832,060.1 | 902.84 |  |  | Average |  |
|  | point33 | 33 | 6,359,508.5 | 1,831,958.8 | 891.86 |  |  | Average |  |
|  | point34 | 34 | 6,359,510.0 | 1,831,857.5 | 874.76 |  |  | Average |  |
|  | point35 | 35 | 6,359,512.0 | 1,831,756.1 | 857.71 |  |  | Average |  |
|  | point36 | 36 | 6,359,514.0 | 1,831,654.8 | 836.87 |  |  | Average |  |
|  | point37 | 37 | 6,359,515.5 | 1,831,553.5 | 824.16 |  |  | Average |  |
|  | point38 | 38 | 6,359,517.5 | 1,831,452.1 | 819.47 |  |  | Average |  |
|  | point39 | 39 | 6,359,519.0 | 1,831,350.9 | 814.06 |  |  | Average |  |
|  | point40 | 40 | 6,359,521.0 | 1,831,249.5 | 808.00 |  |  | Average |  |
|  | point41 | 41 | 6,359,521.5 | 1,831,199.2 | 808.93 |  |  | Average |  |
|  | point42 | 42 | 6,359,520.5 | 1,831,149.0 | 810.24 |  |  | Average |  |
|  | point43 | 43 | 6,359,518.0 | 1,831,098.8 | 814.40 |  |  | Average |  |
|  | point44 | 44 | 6,359,514.5 | 1,831,048.6 | 819.19 |  |  | Average |  |
|  | point45 | 45 | 6,359,510.0 | 1,830,998.5 | 822.25 |  |  | Average |  |
|  | point46 | 46 | 6,359,504.0 | 1,830,948.6 | 823.83 |  |  | Average |  |
|  | point47 | 47 | 6,359,496.5 | 1,830,898.9 | 823.44 |  |  | Average |  |
|  | point48 | 48 | 6,359,488.0 | 1,830,849.4 | 820.55 |  |  | Average |  |
|  | point49 | 49 | 6,359,478.0 | 1,830,800.0 | 816.24 |  |  | Average |  |
|  | point50 | 50 | 6,359,467.0 | 1,830,751.0 | 811.53 |  |  | Average |  |
|  | point51 | 51 | 6,359,455.0 | 1,830,702.2 | 802.99 |  |  | Average |  |
|  | point52 | 52 | 6,359,441.5 | 1,830,653.9 | 795.67 |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|  |         |    |             |             |        |  |  |         |  |
|--|---------|----|-------------|-------------|--------|--|--|---------|--|
|  | point53 | 53 | 6,359,427.0 | 1,830,605.8 | 792.74 |  |  | Average |  |
|  | point54 | 54 | 6,359,411.0 | 1,830,558.0 | 795.36 |  |  | Average |  |
|  | point55 | 55 | 6,359,394.0 | 1,830,510.8 | 799.80 |  |  | Average |  |
|  | point56 | 56 | 6,359,375.5 | 1,830,463.9 | 801.36 |  |  | Average |  |
|  | point57 | 57 | 6,359,356.0 | 1,830,417.5 | 802.11 |  |  | Average |  |
|  | point58 | 58 | 6,359,335.5 | 1,830,371.6 | 804.72 |  |  | Average |  |
|  | point59 | 59 | 6,359,314.0 | 1,830,326.4 | 803.95 |  |  | Average |  |
|  | point60 | 60 | 6,359,291.0 | 1,830,281.6 | 801.18 |  |  | Average |  |
|  | point61 | 61 | 6,359,242.0 | 1,830,188.2 | 794.21 |  |  | Average |  |
|  | point62 | 62 | 6,359,193.0 | 1,830,095.0 | 789.91 |  |  | Average |  |
|  | point63 | 63 | 6,359,143.5 | 1,830,001.6 | 777.51 |  |  | Average |  |
|  | point64 | 64 | 6,359,094.5 | 1,829,908.2 | 763.43 |  |  | Average |  |
|  | point65 | 65 | 6,359,045.5 | 1,829,815.0 | 744.84 |  |  | Average |  |
|  | point66 | 66 | 6,358,996.5 | 1,829,721.6 | 731.83 |  |  | Average |  |
|  | point67 | 67 | 6,358,947.0 | 1,829,628.4 | 721.91 |  |  | Average |  |
|  | point68 | 68 | 6,358,898.0 | 1,829,535.0 | 720.25 |  |  | Average |  |
|  | point69 | 69 | 6,358,849.0 | 1,829,441.8 | 717.05 |  |  | Average |  |
|  | point70 | 70 | 6,358,826.0 | 1,829,399.8 | 715.08 |  |  | Average |  |
|  | point71 | 71 | 6,358,802.5 | 1,829,358.2 | 714.43 |  |  | Average |  |
|  | point72 | 72 | 6,358,777.5 | 1,829,317.5 | 713.28 |  |  | Average |  |
|  | point73 | 73 | 6,358,752.0 | 1,829,277.2 | 713.28 |  |  | Average |  |
|  | point74 | 74 | 6,358,725.5 | 1,829,237.6 | 717.11 |  |  | Average |  |
|  | point75 | 75 | 6,358,697.5 | 1,829,198.6 | 721.40 |  |  | Average |  |
|  | point76 | 76 | 6,358,669.0 | 1,829,160.2 | 720.84 |  |  | Average |  |
|  | point77 | 77 | 6,358,640.0 | 1,829,122.6 | 719.36 |  |  | Average |  |
|  | point78 | 78 | 6,358,609.5 | 1,829,085.8 | 717.48 |  |  | Average |  |
|  | point79 | 79 | 6,358,578.5 | 1,829,049.6 | 715.99 |  |  | Average |  |
|  | point80 | 80 | 6,358,546.5 | 1,829,014.2 | 714.01 |  |  | Average |  |
|  | point81 | 81 | 6,358,513.5 | 1,828,979.6 | 711.42 |  |  | Average |  |
|  | point82 | 82 | 6,358,479.5 | 1,828,945.8 | 707.60 |  |  | Average |  |
|  | point83 | 83 | 6,358,445.0 | 1,828,912.8 | 704.19 |  |  | Average |  |
|  | point84 | 84 | 6,358,410.0 | 1,828,880.5 | 701.84 |  |  | Average |  |
|  | point85 | 85 | 6,358,374.0 | 1,828,849.1 | 697.53 |  |  | Average |  |
|  | point86 | 86 | 6,358,337.0 | 1,828,818.8 | 694.06 |  |  | Average |  |
|  | point87 | 87 | 6,358,299.5 | 1,828,789.1 | 697.96 |  |  | Average |  |
|  | point88 | 88 | 6,358,216.0 | 1,828,724.5 | 696.25 |  |  | Average |  |
|  | point89 | 89 | 6,358,132.0 | 1,828,660.0 | 695.47 |  |  | Average |  |
|  | point90 | 90 | 6,358,048.5 | 1,828,595.4 | 701.30 |  |  | Average |  |
|  | point91 | 91 | 6,357,964.5 | 1,828,530.9 | 705.48 |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|  |          |     |             |             |        |  |  |         |  |
|--|----------|-----|-------------|-------------|--------|--|--|---------|--|
|  | point92  | 92  | 6,357,880.5 | 1,828,466.2 | 709.52 |  |  | Average |  |
|  | point93  | 93  | 6,357,797.0 | 1,828,401.8 | 708.75 |  |  | Average |  |
|  | point94  | 94  | 6,357,713.0 | 1,828,337.1 | 711.11 |  |  | Average |  |
|  | point95  | 95  | 6,357,629.0 | 1,828,272.6 | 710.28 |  |  | Average |  |
|  | point96  | 96  | 6,357,545.5 | 1,828,208.0 | 716.98 |  |  | Average |  |
|  | point97  | 97  | 6,357,461.5 | 1,828,143.5 | 712.35 |  |  | Average |  |
|  | point98  | 98  | 6,357,378.0 | 1,828,078.9 | 714.41 |  |  | Average |  |
|  | point99  | 99  | 6,357,294.0 | 1,828,014.4 | 710.27 |  |  | Average |  |
|  | point100 | 100 | 6,357,210.0 | 1,827,949.8 | 709.80 |  |  | Average |  |
|  | point101 | 101 | 6,357,126.5 | 1,827,885.1 | 707.16 |  |  | Average |  |
|  | point102 | 102 | 6,357,042.5 | 1,827,820.6 | 702.46 |  |  | Average |  |
|  | point103 | 103 | 6,356,958.5 | 1,827,756.0 | 697.76 |  |  | Average |  |
|  | point104 | 104 | 6,356,875.0 | 1,827,691.5 | 692.74 |  |  | Average |  |
|  | point105 | 105 | 6,356,791.0 | 1,827,626.9 | 686.73 |  |  | Average |  |
|  | point106 | 106 | 6,356,707.0 | 1,827,562.4 | 681.57 |  |  | Average |  |
|  | point108 | 108 | 6,356,623.5 | 1,827,497.8 | 677.72 |  |  | Average |  |
|  | point109 | 109 | 6,356,593.5 | 1,827,474.2 | 675.52 |  |  | Average |  |
|  | point110 | 110 | 6,356,564.0 | 1,827,450.1 | 673.32 |  |  | Average |  |
|  | point111 | 111 | 6,356,535.0 | 1,827,425.5 | 671.11 |  |  | Average |  |
|  | point112 | 112 | 6,356,445.5 | 1,827,348.0 | 664.94 |  |  | Average |  |
|  | point113 | 113 | 6,356,356.0 | 1,827,270.5 | 657.70 |  |  | Average |  |
|  | point114 | 114 | 6,356,266.5 | 1,827,193.0 | 651.86 |  |  | Average |  |
|  | point115 | 115 | 6,356,231.0 | 1,827,160.6 | 649.21 |  |  | Average |  |
|  | point116 | 116 | 6,356,197.0 | 1,827,126.5 | 646.57 |  |  | Average |  |
|  | point117 | 117 | 6,356,165.0 | 1,827,090.6 | 642.98 |  |  | Average |  |
|  | point118 | 118 | 6,356,134.5 | 1,827,053.2 | 638.50 |  |  | Average |  |
|  | point119 | 119 | 6,356,106.5 | 1,827,014.5 | 632.40 |  |  | Average |  |
|  | point120 | 120 | 6,356,080.0 | 1,826,974.2 | 623.97 |  |  | Average |  |
|  | point121 | 121 | 6,356,056.0 | 1,826,932.8 | 630.08 |  |  | Average |  |
|  | point122 | 122 | 6,356,033.5 | 1,826,890.0 | 640.72 |  |  | Average |  |
|  | point123 | 123 | 6,356,014.0 | 1,826,846.2 | 646.98 |  |  | Average |  |
|  | point124 | 124 | 6,355,996.0 | 1,826,801.6 | 651.24 |  |  | Average |  |
|  | point125 | 125 | 6,355,981.0 | 1,826,756.0 | 649.69 |  |  | Average |  |
|  | point126 | 126 | 6,355,967.5 | 1,826,709.8 | 649.50 |  |  | Average |  |
|  | point127 | 127 | 6,355,957.0 | 1,826,662.9 | 648.92 |  |  | Average |  |
|  | point128 | 128 | 6,355,948.5 | 1,826,615.6 | 648.26 |  |  | Average |  |
|  | point129 | 129 | 6,355,942.5 | 1,826,567.9 | 646.59 |  |  | Average |  |
|  | point130 | 130 | 6,355,939.0 | 1,826,520.0 | 645.59 |  |  | Average |  |
|  | point131 | 131 | 6,355,934.0 | 1,826,413.9 | 643.53 |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|  |  |          |     |             |             |        |  |  |  |         |  |
|--|--|----------|-----|-------------|-------------|--------|--|--|--|---------|--|
|  |  | point132 | 132 | 6,355,929.0 | 1,826,307.8 | 639.80 |  |  |  | Average |  |
|  |  | point133 | 133 | 6,355,924.0 | 1,826,201.6 | 637.99 |  |  |  | Average |  |
|  |  | point134 | 134 | 6,355,919.0 | 1,826,095.5 | 635.43 |  |  |  | Average |  |
|  |  | point135 | 135 | 6,355,914.0 | 1,825,989.4 | 634.38 |  |  |  | Average |  |
|  |  | point136 | 136 | 6,355,909.0 | 1,825,883.2 | 633.95 |  |  |  | Average |  |
|  |  | point137 | 137 | 6,355,904.0 | 1,825,777.1 | 634.29 |  |  |  | Average |  |
|  |  | point138 | 138 | 6,355,899.5 | 1,825,727.6 | 633.77 |  |  |  | Average |  |
|  |  | point139 | 139 | 6,355,891.0 | 1,825,678.8 | 633.05 |  |  |  | Average |  |
|  |  | point140 | 140 | 6,355,878.5 | 1,825,630.8 | 631.20 |  |  |  | Average |  |
|  |  | point141 | 141 | 6,355,862.0 | 1,825,584.0 | 630.08 |  |  |  | Average |  |
|  |  | point142 | 142 | 6,355,842.0 | 1,825,538.6 | 628.59 |  |  |  | Average |  |
|  |  | point143 | 143 | 6,355,818.0 | 1,825,495.2 | 626.67 |  |  |  | Average |  |
|  |  | point144 | 144 | 6,355,790.5 | 1,825,453.9 | 624.96 |  |  |  | Average |  |
|  |  | point145 | 145 | 6,355,760.0 | 1,825,414.9 | 622.75 |  |  |  | Average |  |
|  |  | point146 | 146 | 6,355,726.0 | 1,825,378.6 | 621.69 |  |  |  | Average |  |
|  |  | point147 | 147 | 6,355,689.5 | 1,825,345.2 | 620.67 |  |  |  | Average |  |
|  |  | point148 | 148 | 6,355,650.0 | 1,825,315.0 | 619.93 |  |  |  | Average |  |
|  |  | point149 | 149 | 6,355,543.5 | 1,825,240.2 | 616.32 |  |  |  | Average |  |
|  |  | point150 | 150 | 6,355,437.5 | 1,825,165.5 | 613.71 |  |  |  | Average |  |
|  |  | point151 | 151 | 6,355,331.0 | 1,825,090.6 | 610.67 |  |  |  | Average |  |
|  |  | point152 | 152 | 6,355,292.5 | 1,825,062.0 | 609.23 |  |  |  | Average |  |
|  |  | point153 | 153 | 6,355,255.5 | 1,825,031.6 | 607.35 |  |  |  | Average |  |
|  |  | point154 | 154 | 6,355,219.5 | 1,824,999.4 | 605.21 |  |  |  | Average |  |
|  |  | point155 | 155 | 6,355,185.5 | 1,824,965.5 | 602.79 |  |  |  | Average |  |
|  |  | point156 | 156 | 6,355,153.0 | 1,824,930.0 | 600.68 |  |  |  | Average |  |
|  |  | point157 | 157 | 6,355,122.5 | 1,824,893.0 | 600.01 |  |  |  | Average |  |
|  |  | point158 | 158 | 6,355,093.5 | 1,824,854.6 | 598.86 |  |  |  | Average |  |
|  |  | point159 | 159 | 6,355,066.5 | 1,824,814.9 | 603.20 |  |  |  | Average |  |
|  |  | point160 | 160 | 6,355,041.5 | 1,824,773.8 | 605.21 |  |  |  | Average |  |
|  |  | point161 | 161 | 6,355,018.5 | 1,824,731.6 | 604.42 |  |  |  | Average |  |
|  |  | point162 | 162 | 6,354,997.5 | 1,824,688.4 | 604.00 |  |  |  | Average |  |
|  |  | point163 | 163 | 6,354,950.0 | 1,824,584.9 | 601.91 |  |  |  | Average |  |
|  |  | point164 | 164 | 6,354,902.5 | 1,824,481.4 | 598.87 |  |  |  | Average |  |
|  |  | point165 | 165 | 6,354,855.5 | 1,824,377.8 | 597.79 |  |  |  | Average |  |
|  |  | point166 | 166 | 6,354,808.0 | 1,824,274.2 | 597.85 |  |  |  | Average |  |
|  |  | point167 | 167 | 6,354,761.0 | 1,824,170.8 | 605.10 |  |  |  | Average |  |
|  |  | point168 | 168 | 6,354,713.5 | 1,824,067.2 | 601.09 |  |  |  | Average |  |
|  |  | point169 | 169 | 6,354,692.5 | 1,824,024.8 | 598.87 |  |  |  | Average |  |
|  |  | point170 | 170 | 6,354,668.5 | 1,823,983.8 | 596.01 |  |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|  |  |          |     |             |             |        |  |  |  |         |  |
|--|--|----------|-----|-------------|-------------|--------|--|--|--|---------|--|
|  |  | point171 | 171 | 6,354,641.5 | 1,823,944.5 | 595.34 |  |  |  | Average |  |
|  |  | point172 | 172 | 6,354,612.5 | 1,823,907.2 | 595.46 |  |  |  | Average |  |
|  |  | point173 | 173 | 6,354,550.0 | 1,823,833.0 | 592.64 |  |  |  | Average |  |
|  |  | point174 | 174 | 6,354,487.5 | 1,823,758.6 | 592.95 |  |  |  | Average |  |
|  |  | point175 | 175 | 6,354,425.0 | 1,823,684.4 | 593.99 |  |  |  | Average |  |
|  |  | point176 | 176 | 6,354,319.0 | 1,823,650.4 | 592.28 |  |  |  | Average |  |
|  |  | point177 | 177 | 6,354,213.0 | 1,823,616.2 | 600.07 |  |  |  | Average |  |
|  |  | point178 | 178 | 6,354,107.0 | 1,823,582.2 | 592.79 |  |  |  | Average |  |
|  |  | point179 | 179 | 6,354,001.0 | 1,823,548.1 | 584.73 |  |  |  | Average |  |
|  |  | point180 | 180 | 6,353,895.0 | 1,823,514.1 | 580.00 |  |  |  | Average |  |
|  |  | point181 | 181 | 6,353,846.5 | 1,823,497.4 | 579.99 |  |  |  | Average |  |
|  |  | point182 | 182 | 6,353,799.0 | 1,823,478.8 | 578.23 |  |  |  | Average |  |
|  |  | point183 | 183 | 6,353,752.5 | 1,823,458.0 | 577.41 |  |  |  | Average |  |
|  |  | point184 | 184 | 6,353,706.5 | 1,823,435.4 | 577.01 |  |  |  | Average |  |
|  |  | point185 | 185 | 6,353,662.0 | 1,823,410.8 | 577.71 |  |  |  | Average |  |
|  |  | point186 | 186 | 6,353,618.0 | 1,823,384.4 | 578.69 |  |  |  | Average |  |
|  |  | point187 | 187 | 6,353,575.5 | 1,823,356.0 | 579.25 |  |  |  | Average |  |
|  |  | point188 | 188 | 6,353,534.5 | 1,823,326.0 | 577.56 |  |  |  | Average |  |
|  |  | point189 | 189 | 6,353,494.5 | 1,823,294.1 | 575.43 |  |  |  | Average |  |
|  |  | point190 | 190 | 6,353,456.0 | 1,823,260.6 | 576.13 |  |  |  | Average |  |
|  |  | point191 | 191 | 6,353,419.0 | 1,823,225.6 | 576.29 |  |  |  | Average |  |
|  |  | point192 | 192 | 6,353,383.5 | 1,823,188.9 | 575.04 |  |  |  | Average |  |
|  |  | point193 | 193 | 6,353,349.5 | 1,823,150.9 | 576.22 |  |  |  | Average |  |
|  |  | point194 | 194 | 6,353,317.0 | 1,823,111.2 | 576.65 |  |  |  | Average |  |
|  |  | point195 | 195 | 6,353,286.5 | 1,823,070.4 | 576.21 |  |  |  | Average |  |
|  |  | point196 | 196 | 6,353,257.5 | 1,823,028.2 | 575.72 |  |  |  | Average |  |
|  |  | point197 | 197 | 6,353,230.5 | 1,822,985.0 | 574.91 |  |  |  | Average |  |
|  |  | point198 | 198 | 6,353,139.5 | 1,822,831.8 | 584.91 |  |  |  | Average |  |
|  |  | point199 | 199 | 6,353,113.0 | 1,822,789.2 | 575.57 |  |  |  | Average |  |
|  |  | point200 | 200 | 6,353,084.5 | 1,822,747.9 | 569.12 |  |  |  | Average |  |
|  |  | point201 | 201 | 6,353,055.0 | 1,822,707.8 | 567.74 |  |  |  | Average |  |
|  |  | point202 | 202 | 6,353,023.0 | 1,822,669.0 | 565.79 |  |  |  | Average |  |
|  |  | point203 | 203 | 6,352,990.0 | 1,822,631.5 | 565.52 |  |  |  | Average |  |
|  |  | point204 | 204 | 6,352,955.5 | 1,822,595.4 | 564.01 |  |  |  | Average |  |
|  |  | point205 | 205 | 6,352,919.0 | 1,822,560.9 | 564.16 |  |  |  | Average |  |
|  |  | point206 | 206 | 6,352,881.5 | 1,822,527.8 | 563.17 |  |  |  | Average |  |
|  |  | point207 | 207 | 6,352,842.5 | 1,822,496.2 | 562.01 |  |  |  | Average |  |
|  |  | point208 | 208 | 6,352,802.5 | 1,822,466.5 | 562.15 |  |  |  | Average |  |
|  |  | point209 | 209 | 6,352,761.0 | 1,822,438.4 | 562.19 |  |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|  |          |     |             |             |        |  |  |         |  |
|--|----------|-----|-------------|-------------|--------|--|--|---------|--|
|  | point210 | 210 | 6,352,718.5 | 1,822,412.0 | 560.84 |  |  | Average |  |
|  | point211 | 211 | 6,352,675.0 | 1,822,387.5 | 560.00 |  |  | Average |  |
|  | point212 | 212 | 6,352,630.5 | 1,822,364.8 | 560.00 |  |  | Average |  |
|  | point213 | 213 | 6,352,585.0 | 1,822,343.9 | 560.00 |  |  | Average |  |
|  | point214 | 214 | 6,352,538.5 | 1,822,325.0 | 560.01 |  |  | Average |  |
|  | point215 | 215 | 6,352,443.5 | 1,822,288.4 | 560.61 |  |  | Average |  |
|  | point216 | 216 | 6,352,397.5 | 1,822,269.0 | 562.67 |  |  | Average |  |
|  | point217 | 217 | 6,352,352.5 | 1,822,247.0 | 563.62 |  |  | Average |  |
|  | point218 | 218 | 6,352,309.0 | 1,822,222.2 | 564.76 |  |  | Average |  |
|  | point219 | 219 | 6,352,267.5 | 1,822,194.9 | 565.84 |  |  | Average |  |
|  | point220 | 220 | 6,352,227.0 | 1,822,165.1 | 566.00 |  |  | Average |  |
|  | point221 | 221 | 6,352,189.0 | 1,822,133.0 | 565.39 |  |  | Average |  |
|  | point222 | 222 | 6,352,153.0 | 1,822,098.5 | 568.41 |  |  | Average |  |
|  | point223 | 223 | 6,352,119.0 | 1,822,062.0 | 570.42 |  |  | Average |  |
|  | point224 | 224 | 6,352,087.0 | 1,822,023.5 | 573.25 |  |  | Average |  |
|  | point225 | 225 | 6,352,057.5 | 1,821,983.0 | 575.88 |  |  | Average |  |
|  | point226 | 226 | 6,352,031.0 | 1,821,941.0 | 576.65 |  |  | Average |  |
|  | point227 | 227 | 6,352,006.5 | 1,821,897.4 | 577.58 |  |  | Average |  |
|  | point228 | 228 | 6,351,985.0 | 1,821,852.2 | 577.18 |  |  | Average |  |
|  | point229 | 229 | 6,351,966.0 | 1,821,806.0 | 576.85 |  |  | Average |  |
|  | point230 | 230 | 6,351,950.0 | 1,821,758.8 | 576.17 |  |  | Average |  |
|  | point231 | 231 | 6,351,919.0 | 1,821,657.0 | 572.09 |  |  | Average |  |
|  | point232 | 232 | 6,351,888.0 | 1,821,555.1 | 562.73 |  |  | Average |  |
|  | point233 | 233 | 6,351,857.0 | 1,821,453.4 | 559.32 |  |  | Average |  |
|  | point234 | 234 | 6,351,826.0 | 1,821,351.6 | 557.54 |  |  | Average |  |
|  | point235 | 235 | 6,351,795.0 | 1,821,249.9 | 555.56 |  |  | Average |  |
|  | point236 | 236 | 6,351,764.0 | 1,821,148.0 | 553.39 |  |  | Average |  |
|  | point237 | 237 | 6,351,752.0 | 1,821,111.1 | 552.46 |  |  | Average |  |
|  | point238 | 238 | 6,351,738.5 | 1,821,074.8 | 551.91 |  |  | Average |  |
|  | point239 | 239 | 6,351,704.0 | 1,820,986.4 | 550.28 |  |  | Average |  |
|  | point240 | 240 | 6,351,669.5 | 1,820,898.0 | 551.22 |  |  | Average |  |
|  | point241 | 241 | 6,351,635.0 | 1,820,809.8 | 550.40 |  |  | Average |  |
|  | point242 | 242 | 6,351,600.0 | 1,820,721.4 | 549.58 |  |  | Average |  |
|  | point243 | 243 | 6,351,565.5 | 1,820,633.0 | 554.05 |  |  | Average |  |
|  | point244 | 244 | 6,351,531.0 | 1,820,544.6 | 570.84 |  |  | Average |  |
|  | point245 | 245 | 6,351,496.5 | 1,820,456.4 | 565.16 |  |  | Average |  |
|  | point246 | 246 | 6,351,461.5 | 1,820,368.0 | 558.23 |  |  | Average |  |
|  | point247 | 247 | 6,351,442.5 | 1,820,323.2 | 557.45 |  |  | Average |  |
|  | point248 | 248 | 6,351,420.0 | 1,820,279.9 | 556.80 |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|  |  |          |     |             |             |        |  |  |  |         |  |
|--|--|----------|-----|-------------|-------------|--------|--|--|--|---------|--|
|  |  | point249 | 249 | 6,351,394.5 | 1,820,238.2 | 557.66 |  |  |  | Average |  |
|  |  | point250 | 250 | 6,351,366.5 | 1,820,198.5 | 559.31 |  |  |  | Average |  |
|  |  | point251 | 251 | 6,351,335.5 | 1,820,160.8 | 565.12 |  |  |  | Average |  |
|  |  | point252 | 252 | 6,351,302.0 | 1,820,125.4 | 565.85 |  |  |  | Average |  |
|  |  | point253 | 253 | 6,351,266.0 | 1,820,092.2 | 564.66 |  |  |  | Average |  |
|  |  | point254 | 254 | 6,351,228.0 | 1,820,061.8 | 563.90 |  |  |  | Average |  |
|  |  | point255 | 255 | 6,351,188.0 | 1,820,034.0 | 566.28 |  |  |  | Average |  |
|  |  | point256 | 256 | 6,351,146.0 | 1,820,009.1 | 567.84 |  |  |  | Average |  |
|  |  | point257 | 257 | 6,351,102.5 | 1,819,987.2 | 568.92 |  |  |  | Average |  |
|  |  | point258 | 258 | 6,351,057.5 | 1,819,968.5 | 569.05 |  |  |  | Average |  |
|  |  | point259 | 259 | 6,351,011.0 | 1,819,952.9 | 571.33 |  |  |  | Average |  |
|  |  | point260 | 260 | 6,350,964.0 | 1,819,940.5 | 574.09 |  |  |  | Average |  |
|  |  | point261 | 261 | 6,350,916.0 | 1,819,931.4 | 575.07 |  |  |  | Average |  |
|  |  | point262 | 262 | 6,350,867.5 | 1,819,925.6 | 576.76 |  |  |  | Average |  |
|  |  | point263 | 263 | 6,350,819.0 | 1,819,923.4 | 576.70 |  |  |  | Average |  |
|  |  | point264 | 264 | 6,350,770.0 | 1,819,924.4 | 577.00 |  |  |  | Average |  |
|  |  | point265 | 265 | 6,350,721.5 | 1,819,928.9 | 578.07 |  |  |  | Average |  |
|  |  | point266 | 266 | 6,350,625.0 | 1,819,941.2 | 579.75 |  |  |  | Average |  |
|  |  | point267 | 267 | 6,350,528.5 | 1,819,953.5 | 577.74 |  |  |  | Average |  |
|  |  | point268 | 268 | 6,350,432.0 | 1,819,965.8 | 569.99 |  |  |  | Average |  |
|  |  | point269 | 269 | 6,350,335.5 | 1,819,978.1 | 567.47 |  |  |  | Average |  |
|  |  | point270 | 270 | 6,350,239.0 | 1,819,990.4 | 559.88 |  |  |  | Average |  |
|  |  | point271 | 271 | 6,350,142.5 | 1,820,002.6 | 555.25 |  |  |  | Average |  |
|  |  | point272 | 272 | 6,350,045.5 | 1,820,015.0 | 556.57 |  |  |  | Average |  |
|  |  | point273 | 273 | 6,349,996.5 | 1,820,022.0 | 556.30 |  |  |  | Average |  |
|  |  | point274 | 274 | 6,349,948.0 | 1,820,030.8 | 561.15 |  |  |  | Average |  |
|  |  | point275 | 275 | 6,349,899.5 | 1,820,041.0 | 565.36 |  |  |  | Average |  |
|  |  | point276 | 276 | 6,349,851.5 | 1,820,052.9 | 568.28 |  |  |  | Average |  |
|  |  | point277 | 277 | 6,349,804.0 | 1,820,066.2 | 570.97 |  |  |  | Average |  |
|  |  | point278 | 278 | 6,349,756.5 | 1,820,081.4 | 577.94 |  |  |  | Average |  |
|  |  | point279 | 279 | 6,349,710.0 | 1,820,097.9 | 581.95 |  |  |  | Average |  |
|  |  | point280 | 280 | 6,349,664.0 | 1,820,116.0 | 588.89 |  |  |  | Average |  |
|  |  | point281 | 281 | 6,349,618.5 | 1,820,135.6 | 595.58 |  |  |  | Average |  |
|  |  | point282 | 282 | 6,349,573.5 | 1,820,156.6 | 598.12 |  |  |  | Average |  |
|  |  | point283 | 283 | 6,349,529.5 | 1,820,179.2 | 601.24 |  |  |  | Average |  |
|  |  | point284 | 284 | 6,349,486.5 | 1,820,203.2 | 602.98 |  |  |  | Average |  |
|  |  | point285 | 285 | 6,349,389.0 | 1,820,259.2 | 603.55 |  |  |  | Average |  |
|  |  | point286 | 286 | 6,349,292.0 | 1,820,315.2 | 600.19 |  |  |  | Average |  |
|  |  | point287 | 287 | 6,349,194.5 | 1,820,371.4 | 594.66 |  |  |  | Average |  |

INPUT: ROADWAYS

8207

|  |  |          |     |             |             |        |  |  |  |         |  |
|--|--|----------|-----|-------------|-------------|--------|--|--|--|---------|--|
|  |  | point288 | 288 | 6,349,097.5 | 1,820,427.4 | 601.27 |  |  |  | Average |  |
|  |  | point289 | 289 | 6,349,000.0 | 1,820,483.4 | 618.04 |  |  |  | Average |  |
|  |  | point290 | 290 | 6,348,903.0 | 1,820,539.5 | 622.41 |  |  |  | Average |  |
|  |  | point291 | 291 | 6,348,805.5 | 1,820,595.5 | 625.29 |  |  |  |         |  |

INPUT: TRAFFIC FOR LAeq1h Percentages

8207

|                                       |                                        |     |         |       |     |         |     |         |     |       |     |             |     |
|---------------------------------------|----------------------------------------|-----|---------|-------|-----|---------|-----|---------|-----|-------|-----|-------------|-----|
| Dudek                                 |                                        |     |         |       |     |         |     |         |     |       |     |             |     |
| M Greene                              |                                        |     |         |       |     |         |     |         |     |       |     |             |     |
|                                       |                                        |     |         |       |     |         |     |         |     |       |     |             |     |
| INPUT: TRAFFIC FOR LAeq1h Percentages |                                        |     |         |       |     |         |     |         |     |       |     |             |     |
| PROJECT/CONTRACT:                     | 8207                                   |     |         |       |     |         |     |         |     |       |     |             |     |
| RUN:                                  | OtyRnchVilg14PrctrVlly Yr 2030Rev 0817 |     |         |       |     |         |     |         |     |       |     |             |     |
| Roadway                               | Points                                 |     |         |       |     |         |     |         |     |       |     |             |     |
| Name                                  | Name                                   | No. | Segment |       |     |         |     |         |     |       |     |             |     |
|                                       |                                        |     | Total   | Autos |     | MTrucks |     | HTrucks |     | Buses |     | Motorcycles |     |
|                                       |                                        |     | Volume  | P     | S   | P       | S   | P       | S   | P     | S   | P           | S   |
|                                       |                                        |     | veh/hr  | %     | mph | %       | mph | %       | mph | %     | mph | %           | mph |
| Melody Road - Proctor Vly Rd - SR-94  | point379                               | 379 | 520     | 97    | 40  | 2       | 40  | 0       | 0   | 1     | 40  | 0           | 0   |
|                                       | point380                               | 380 |         |       |     |         |     |         |     |       |     |             |     |
| PrctrVllyRd - Melody Rd-SchleeCyn Rd  | point381                               | 381 | 660     | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point382                               | 382 |         |       |     |         |     |         |     |       |     |             |     |
| PrctrVllyRd - SchleeCyn Rd-MaxfieldRd | point383                               | 383 | 540     | 97    | 40  | 2       | 40  | 0       | 0   | 1     | 40  | 0           | 0   |
|                                       | point384                               | 384 |         |       |     |         |     |         |     |       |     |             |     |
| Proctor Valley Rd-HuntePkyw-Northwd   | point385                               | 385 | 1480    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point387                               | 387 | 1480    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point445                               | 445 | 1480    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point444                               | 444 | 1480    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point386                               | 386 |         |       |     |         |     |         |     |       |     |             |     |
| Proctor Valley Rd-Lane Ave-HuntePkyw  | point388                               | 388 | 2190    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point434                               | 434 | 2190    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point389                               | 389 |         |       |     |         |     |         |     |       |     |             |     |
| Proctor Valley Rd-MtMglRd - Lane Ave  | point390                               | 390 | 3400    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point392                               | 392 | 3400    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point430                               | 430 | 3400    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point431                               | 431 | 3400    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point391                               | 391 |         |       |     |         |     |         |     |       |     |             |     |
| SnMglRnch/Mt MglRd-SR125-PrctrVlly    | point394                               | 394 | 970     | 97    | 40  | 2       | 40  | 0       | 0   | 1     | 40  | 0           | 0   |
|                                       | point428                               | 428 | 970     | 97    | 40  | 2       | 40  | 0       | 0   | 1     | 40  | 0           | 0   |
|                                       | point395                               | 395 |         |       |     |         |     |         |     |       |     |             |     |
| SanMglRnchRd-PrctrVllyRd - SR-125     | point396                               | 396 | 1360    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|                                      |          |     |      |    |    |   |    |   |   |   |    |   |   |
|--------------------------------------|----------|-----|------|----|----|---|----|---|---|---|----|---|---|
|                                      | point423 | 423 | 1360 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point424 | 424 | 1360 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point426 | 426 | 1360 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point397 | 397 |      |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Rd-SR125 - MtMglRd    | point398 | 398 | 2570 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point429 | 429 | 2570 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point399 | 399 |      |    |    |   |    |   |   |   |    |   |   |
| Northwoods Dr - ProctrVlly-BlueRdgDr | point400 | 400 | 40   | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point446 | 446 | 40   | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point447 | 447 | 40   | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point448 | 448 | 40   | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point401 | 401 |      |    |    |   |    |   |   |   |    |   |   |
| Hunte Pkwy-PrctrVllyRd - OtayLksRd   | point402 | 402 | 910  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point437 | 437 | 910  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point435 | 435 | 910  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point436 | 436 | 910  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point406 | 406 | 910  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point403 | 403 |      |    |    |   |    |   |   |   |    |   |   |
| Hunte Pkwy-OtayLksRd-OlmpcPkwy       | point407 | 407 | 1720 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point438 | 438 | 1720 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point439 | 439 | 1720 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point440 | 440 | 1720 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point409 | 409 | 1720 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point408 | 408 |      |    |    |   |    |   |   |   |    |   |   |
| Hunte Pkwy-OlmpcPkwy-EastlkPkwy      | point410 | 410 | 3500 | 97 | 50 | 2 | 50 | 0 | 0 | 1 | 50 | 0 | 0 |
|                                      | point412 | 412 | 3500 | 97 | 50 | 2 | 50 | 0 | 0 | 1 | 50 | 0 | 0 |
|                                      | point441 | 441 | 3500 | 97 | 50 | 2 | 50 | 0 | 0 | 1 | 50 | 0 | 0 |
|                                      | point442 | 442 | 3500 | 97 | 50 | 2 | 50 | 0 | 0 | 1 | 50 | 0 | 0 |
|                                      | point443 | 443 | 3500 | 97 | 50 | 2 | 50 | 0 | 0 | 1 | 50 | 0 | 0 |
|                                      | point411 | 411 |      |    |    |   |    |   |   |   |    |   |   |
| Lane Ave PrctrVllyRd-OtayLksRd       | point415 | 415 | 1270 | 97 | 40 | 2 | 40 | 0 | 0 | 1 | 40 | 0 | 0 |
|                                      | point433 | 433 | 1270 | 97 | 40 | 2 | 40 | 0 | 0 | 1 | 40 | 0 | 0 |
|                                      | point432 | 432 | 1270 | 97 | 40 | 2 | 40 | 0 | 0 | 1 | 40 | 0 | 0 |
|                                      | point416 | 416 |      |    |    |   |    |   |   |   |    |   |   |
| PrctrVllyRd - MaxfieldRd to SR-94    | point421 | 421 | 530  | 97 | 40 | 2 | 40 | 0 | 0 | 1 | 40 | 0 | 0 |
|                                      | point449 | 449 | 530  | 97 | 40 | 2 | 40 | 0 | 0 | 1 | 40 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|                     |          |     |     |    |    |   |    |   |   |   |    |   |   |
|---------------------|----------|-----|-----|----|----|---|----|---|---|---|----|---|---|
|                     | point422 | 422 |     |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Road | point378 | 378 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                     | point376 | 376 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                     | point374 | 374 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                     | point372 | 372 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                     | point292 | 292 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                     | point293 | 293 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                     | point294 | 294 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                     | point295 | 295 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                     | point296 | 296 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                     | point297 | 297 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                     | point298 | 298 | 620 | 1  | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                     | point299 | 299 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                     | point300 | 300 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                     | point301 | 301 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                     | point302 | 302 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                     | point303 | 303 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                     | point304 | 304 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                     | point305 | 305 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                     | point306 | 306 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                     | point307 | 307 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                     | point308 | 308 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                     | point309 | 309 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                     | point310 | 310 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                     | point311 | 311 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                     | point312 | 312 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                     | point313 | 313 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                     | point314 | 314 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                     | point315 | 315 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                     | point317 | 317 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                     | point318 | 318 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                     | point319 | 319 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                     | point320 | 320 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                     | point321 | 321 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                     | point322 | 322 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                     | point323 | 323 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|  |          |     |     |    |    |   |    |   |   |   |    |   |   |
|--|----------|-----|-----|----|----|---|----|---|---|---|----|---|---|
|  | point324 | 324 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point326 | 326 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point327 | 327 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point328 | 328 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point329 | 329 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point330 | 330 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point331 | 331 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point332 | 332 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point333 | 333 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point334 | 334 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point335 | 335 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point336 | 336 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point337 | 337 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point338 | 338 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point339 | 339 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point340 | 340 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point341 | 341 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point342 | 342 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point343 | 343 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point344 | 344 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point345 | 345 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point346 | 346 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point347 | 347 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point348 | 348 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point349 | 349 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point350 | 350 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point351 | 351 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point352 | 352 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point353 | 353 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point354 | 354 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point355 | 355 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point356 | 356 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point357 | 357 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point358 | 358 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point359 | 359 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point360 | 360 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|  |          |     |     |    |    |   |    |   |   |   |    |   |   |
|--|----------|-----|-----|----|----|---|----|---|---|---|----|---|---|
|  | point361 | 361 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point362 | 362 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point363 | 363 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point364 | 364 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point365 | 365 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point5   | 5   | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point7   | 7   | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point10  | 10  | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point11  | 11  | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point12  | 12  | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point13  | 13  | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point14  | 14  | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point15  | 15  | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point16  | 16  | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point17  | 17  | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point18  | 18  | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point19  | 19  | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point20  | 20  | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point21  | 21  | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point22  | 22  | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point23  | 23  | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point24  | 24  | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point25  | 25  | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point26  | 26  | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point27  | 27  | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point28  | 28  | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point29  | 29  | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point30  | 30  | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point31  | 31  | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point32  | 32  | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point33  | 33  | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point34  | 34  | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point35  | 35  | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point36  | 36  | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point37  | 37  | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point38  | 38  | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|  |         |    |     |    |    |   |    |   |   |   |    |   |   |
|--|---------|----|-----|----|----|---|----|---|---|---|----|---|---|
|  | point39 | 39 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point40 | 40 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point41 | 41 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point42 | 42 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point43 | 43 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point44 | 44 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point45 | 45 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point46 | 46 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point47 | 47 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point48 | 48 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point49 | 49 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point50 | 50 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point51 | 51 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point52 | 52 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point53 | 53 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point54 | 54 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point55 | 55 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point56 | 56 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point57 | 57 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point58 | 58 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point59 | 59 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point60 | 60 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point61 | 61 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point62 | 62 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point63 | 63 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point64 | 64 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point65 | 65 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point66 | 66 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point67 | 67 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point68 | 68 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point69 | 69 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point70 | 70 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point71 | 71 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point72 | 72 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point73 | 73 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point74 | 74 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|  |          |     |     |    |    |   |    |   |   |   |    |   |   |
|--|----------|-----|-----|----|----|---|----|---|---|---|----|---|---|
|  | point75  | 75  | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point76  | 76  | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point77  | 77  | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point78  | 78  | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point79  | 79  | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point80  | 80  | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point81  | 81  | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point82  | 82  | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point83  | 83  | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point84  | 84  | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point85  | 85  | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point86  | 86  | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point87  | 87  | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point88  | 88  | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point89  | 89  | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point90  | 90  | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point91  | 91  | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point92  | 92  | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point93  | 93  | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point94  | 94  | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point95  | 95  | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point96  | 96  | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point97  | 97  | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point98  | 98  | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point99  | 99  | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point100 | 100 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point101 | 101 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point102 | 102 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point103 | 103 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point104 | 104 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point105 | 105 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point106 | 106 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point108 | 108 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point109 | 109 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point110 | 110 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point111 | 111 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|  |          |     |     |    |    |   |    |   |   |   |    |   |   |
|--|----------|-----|-----|----|----|---|----|---|---|---|----|---|---|
|  | point112 | 112 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point113 | 113 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point114 | 114 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point115 | 115 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point116 | 116 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point117 | 117 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point118 | 118 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point119 | 119 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point120 | 120 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point121 | 121 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point122 | 122 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point123 | 123 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point124 | 124 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point125 | 125 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point126 | 126 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point127 | 127 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point128 | 128 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point129 | 129 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point130 | 130 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point131 | 131 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point132 | 132 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point133 | 133 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point134 | 134 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point135 | 135 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point136 | 136 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point137 | 137 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point138 | 138 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point139 | 139 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point140 | 140 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point141 | 141 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point142 | 142 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point143 | 143 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point144 | 144 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point145 | 145 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point146 | 146 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point147 | 147 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|  |          |     |     |    |    |   |    |   |   |   |    |   |   |
|--|----------|-----|-----|----|----|---|----|---|---|---|----|---|---|
|  | point148 | 148 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point149 | 149 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point150 | 150 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point151 | 151 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point152 | 152 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point153 | 153 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point154 | 154 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 1 |
|  | point155 | 155 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point156 | 156 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point157 | 157 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point158 | 158 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point159 | 159 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point160 | 160 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point161 | 161 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point162 | 162 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point163 | 163 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point164 | 164 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point165 | 165 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point166 | 166 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point167 | 167 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point168 | 168 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point169 | 169 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point170 | 170 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point171 | 171 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point172 | 172 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point173 | 173 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point174 | 174 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point175 | 175 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point176 | 176 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point177 | 177 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point178 | 178 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point179 | 179 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point180 | 180 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point181 | 181 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point182 | 182 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point183 | 183 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|  |          |     |     |    |    |   |    |   |   |   |    |   |   |
|--|----------|-----|-----|----|----|---|----|---|---|---|----|---|---|
|  | point184 | 184 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point185 | 185 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point186 | 186 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point187 | 187 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point188 | 188 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point189 | 189 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point190 | 190 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point191 | 191 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point192 | 192 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point193 | 193 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point194 | 194 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point195 | 195 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point196 | 196 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point197 | 197 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point198 | 198 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point199 | 199 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point200 | 200 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point201 | 201 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point202 | 202 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point203 | 203 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point204 | 204 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point205 | 205 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point206 | 206 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point207 | 207 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point208 | 208 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point209 | 209 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point210 | 210 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point211 | 211 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point212 | 212 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point213 | 213 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point214 | 214 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point215 | 215 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point216 | 216 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point217 | 217 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point218 | 218 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point219 | 219 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|  |          |     |     |    |    |   |    |   |   |   |    |   |   |
|--|----------|-----|-----|----|----|---|----|---|---|---|----|---|---|
|  | point220 | 220 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point221 | 221 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point222 | 222 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point223 | 223 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point224 | 224 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point225 | 225 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point226 | 226 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point227 | 227 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point228 | 228 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point229 | 229 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point230 | 230 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point231 | 231 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point232 | 232 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point233 | 233 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point234 | 234 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point235 | 235 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point236 | 236 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point237 | 237 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point238 | 238 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point239 | 239 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point240 | 240 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point241 | 241 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point242 | 242 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point243 | 243 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point244 | 244 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point245 | 245 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point246 | 246 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point247 | 247 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point248 | 248 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point249 | 249 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point250 | 250 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point251 | 251 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point252 | 252 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point253 | 253 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point254 | 254 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point255 | 255 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|  |          |     |     |    |    |   |    |   |   |   |    |   |   |
|--|----------|-----|-----|----|----|---|----|---|---|---|----|---|---|
|  | point256 | 256 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point257 | 257 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point258 | 258 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point259 | 259 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point260 | 260 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point261 | 261 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point262 | 262 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point263 | 263 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point264 | 264 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point265 | 265 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point266 | 266 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point267 | 267 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point268 | 268 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point269 | 269 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point270 | 270 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point271 | 271 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point272 | 272 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point273 | 273 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point274 | 274 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point275 | 275 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point276 | 276 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point277 | 277 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point278 | 278 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point279 | 279 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point280 | 280 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point281 | 281 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point282 | 282 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point283 | 283 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point284 | 284 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point285 | 285 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point286 | 286 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point287 | 287 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point288 | 288 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point289 | 289 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point290 | 290 | 620 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point291 | 291 |     |    |    |   |    |   |   |   |    |   |   |

**INPUT: RECEIVERS**
**8207**

|                                        |                                               |             |                             |             |          |               |                                        |                        |              |             |               |
|----------------------------------------|-----------------------------------------------|-------------|-----------------------------|-------------|----------|---------------|----------------------------------------|------------------------|--------------|-------------|---------------|
| Dudek                                  |                                               |             |                             |             |          |               |                                        |                        |              |             |               |
| M Greene                               |                                               |             |                             |             |          |               |                                        |                        |              |             |               |
|                                        |                                               |             |                             |             |          |               |                                        |                        |              |             |               |
| <b>INPUT: RECEIVERS</b>                |                                               |             |                             |             |          |               |                                        |                        |              |             |               |
| <b>PROJECT/CONTRACT:</b>               | <b>8207</b>                                   |             |                             |             |          |               |                                        |                        |              |             |               |
| <b>RUN:</b>                            | <b>OtyRnchVilg14PrctrVlly Yr 2030Rev 0817</b> |             |                             |             |          |               |                                        |                        |              |             |               |
| <b>Receiver</b>                        |                                               |             |                             |             |          |               |                                        |                        |              |             |               |
| <b>Name</b>                            | <b>No.</b>                                    | <b>#DUs</b> | <b>Coordinates (ground)</b> |             |          | <b>Height</b> | <b>Input Sound Levels and Criteria</b> |                        |              |             | <b>Active</b> |
|                                        |                                               |             | <b>X</b>                    | <b>Y</b>    | <b>Z</b> | <b>above</b>  | <b>Existing</b>                        | <b>Impact Criteria</b> |              | <b>NR</b>   | <b>in</b>     |
|                                        |                                               |             |                             |             |          | <b>Ground</b> | <b>LAeq1h</b>                          | <b>LAeq1h</b>          | <b>Sub'l</b> | <b>Goal</b> | <b>Calc.</b>  |
|                                        |                                               |             |                             |             |          |               |                                        |                        |              |             |               |
|                                        |                                               |             | ft                          | ft          | ft       | ft            | dBA                                    | dBA                    | dB           | dB          |               |
| R1 San MiguelRnchRd W of SR125         | 3                                             | 1           | 6,336,436.0                 | 1,822,219.6 | 468.00   | 5.00          | 0.00                                   | 65                     | 10.0         | 8.0         |               |
| R2 MtMiguelRd - ProctorVlly-SnMgl      | 5                                             | 1           | 6,339,900.0                 | 1,821,486.4 | 615.00   | 5.00          | 0.00                                   | 65                     | 10.0         | 8.0         |               |
| R3 PrctrVlly Rd SR15 - MtMiguelRd      | 7                                             | 1           | 6,339,003.0                 | 1,820,430.0 | 582.00   | 5.00          | 0.00                                   | 65                     | 10.0         | 8.0         |               |
| R4 MtMglRd - Lane Ave                  | 9                                             | 1           | 6,340,321.0                 | 1,820,500.0 | 616.00   | 5.00          | 0.00                                   | 65                     | 10.0         | 8.0         |               |
| R5 Lane Ave - PrctrVllyRd-OtayLksRd    | 11                                            | 1           | 6,343,360.0                 | 1,820,300.0 | 634.00   | 5.00          | 0.00                                   | 65                     | 10.0         | 8.0         |               |
| R6 PrctrVllyRd-Lane Ave-HuntePkwy      | 13                                            | 1           | 6,344,053.0                 | 1,820,475.0 | 668.00   | 5.00          | 0.00                                   | 65                     | 10.0         | 8.0         |               |
| R7 HuntePkwy-PrctrVllyRd-OtyLksRd      | 15                                            | 1           | 6,344,700.5                 | 1,819,652.4 | 618.00   | 5.00          | 0.00                                   | 65                     | 10.0         | 8.0         |               |
| R8 HuntePkwy-OtyLksRd-OlmpcPkwy        | 17                                            | 1           | 6,344,900.0                 | 1,816,970.0 | 628.50   | 5.00          | 0.00                                   | 65                     | 10.0         | 8.0         |               |
| R9 HuntePkwy-OlmpcPkwy-EastlkPkwy      | 19                                            | 1           | 6,344,665.0                 | 1,809,346.0 | 479.00   | 5.00          | 0.00                                   | 65                     | 10.0         | 8.0         |               |
| R10 PrctrVllyRd-HuntePkyw-Nrthwd       | 21                                            | 1           | 6,346,300.5                 | 1,820,440.0 | 717.50   | 5.00          | 0.00                                   | 65                     | 10.0         | 8.0         |               |
| R11 NrthwdsDr-ProctrVlly-BlueRdgDr     | 23                                            | 1           | 6,348,750.5                 | 1,819,747.5 | 671.50   | 5.00          | 0.00                                   | 65                     | 10.0         | 8.0         |               |
| M4 / R12 PrctrVlly Rd w of NrthwdsDr   | 27                                            | 1           | 6,348,497.0                 | 1,820,845.9 | 662.00   | 5.00          | 0.00                                   | 65                     | 10.0         | 8.0         |               |
| M6 / R13 SnMglRnchRd e of SR125        | 29                                            | 1           | 6,339,505.5                 | 1,822,497.2 | 625.00   | 5.00          | 0.00                                   | 65                     | 10.0         | 8.0         |               |
| M8 / R14 PrctrVlly Rd n of Project     | 31                                            | 1           | 6,361,958.0                 | 1,836,218.8 | 908.00   | 5.00          | 0.00                                   | 65                     | 10.0         | 8.0         | Y             |
| M9 / R15 PrtrVllyRd-Melody Rd-SchleeC  | 33                                            | 1           | 6,368,071.5                 | 1,836,854.1 | 1,024.00 | 5.00          | 0.00                                   | 65                     | 10.0         | 8.0         |               |
| M10 / R16 MldyRd - PrctrVllyRd - SR-94 | 35                                            | 1           | 6,370,177.0                 | 1,836,423.4 | 978.00   | 5.00          | 0.00                                   | 65                     | 10.0         | 8.0         |               |
| M11 / R17 PrctrVllyRd-SchleeCyn Rd-Mx  | 37                                            | 1           | 6,368,788.5                 | 1,838,925.6 | 1,050.00 | 5.00          | 0.00                                   | 65                     | 10.0         | 8.0         |               |
| R18 PrctrVllyRd - MaxfieldRd to SR-94  | 39                                            | 1           | 6,371,215.0                 | 1,839,505.0 | 1,020.00 | 5.00          | 0.00                                   | 65                     | 10.0         | 8.0         |               |

## INPUT: BARRIERS

8207

|                   |      |                                        |       |                  |                   |           |          |                    |  |          |     |             |             |        |          |        |          |     |               |
|-------------------|------|----------------------------------------|-------|------------------|-------------------|-----------|----------|--------------------|--|----------|-----|-------------|-------------|--------|----------|--------|----------|-----|---------------|
| Dudek             |      |                                        |       |                  | 12 September 2017 |           |          |                    |  |          |     |             |             |        |          |        |          |     |               |
| M Greene          |      |                                        |       |                  | TNM 2.5           |           |          |                    |  |          |     |             |             |        |          |        |          |     |               |
| INPUT: BARRIERS   |      |                                        |       |                  |                   |           |          |                    |  |          |     |             |             |        |          |        |          |     |               |
| PROJECT/CONTRACT: |      | 8207                                   |       |                  |                   |           |          |                    |  |          |     |             |             |        |          |        |          |     |               |
| RUN:              |      | OtyRnchVilg14PrctrVily Yr 2030Rev 0817 |       |                  |                   |           |          |                    |  |          |     |             |             |        |          |        |          |     |               |
| Barrier           |      |                                        |       |                  |                   |           |          |                    |  | Points   |     |             |             |        |          |        |          |     |               |
| Name              | Type | Height                                 |       | If Wall          | If Berm           |           |          | Add'tnl            |  | Name     | No. | Coordinates | (bottom)    | Height | Segment  |        |          |     |               |
|                   |      | Min                                    | Max   | \$ per Unit Area | \$ per Unit Vol.  | Top Width | Run:Rise | \$ per Unit Length |  |          |     | X           | Y           | Z      | at Point | Seg Ht | Perturbs | On  | Important     |
|                   |      | ft                                     | ft    | \$/sq ft         | \$/cu yd          | ft        | ft:ft    | \$/ft              |  |          |     | ft          | ft          | ft     | ft       | ft     | #Up      | #Dn | Reflec-tions? |
| Barrier17         | W    | 0.00                                   | 99.99 | 0.00             |                   |           |          | 0.00               |  | point223 | 223 | 6,337,800.0 | 1,822,229.6 | 534.50 | 6.00     | 0.00   | 0        | 0   |               |
|                   |      |                                        |       |                  |                   |           |          |                    |  | point224 | 224 | 6,336,466.5 | 1,822,229.6 | 467.50 | 6.00     | 0.00   | 0        | 0   |               |
|                   |      |                                        |       |                  |                   |           |          |                    |  | point225 | 225 | 6,335,800.0 | 1,822,229.6 | 434.00 | 6.00     |        |          |     |               |
| Barrier18         | W    | 0.00                                   | 99.99 | 0.00             |                   |           |          | 0.00               |  | point226 | 226 | 6,339,890.0 | 1,820,650.0 | 594.00 | 6.00     | 0.00   | 0        | 0   |               |
|                   |      |                                        |       |                  |                   |           |          |                    |  | point227 | 227 | 6,339,890.0 | 1,821,450.0 | 615.00 | 6.00     | 0.00   | 0        | 0   |               |
|                   |      |                                        |       |                  |                   |           |          |                    |  | point228 | 228 | 6,339,890.0 | 1,822,300.0 | 641.00 | 6.00     |        |          |     |               |
| Barrier19         | W    | 0.00                                   | 99.99 | 0.00             |                   |           |          | 0.00               |  | point229 | 229 | 6,339,430.0 | 1,820,440.0 | 582.00 | 6.00     | 0.00   | 0        | 0   |               |
|                   |      |                                        |       |                  |                   |           |          |                    |  | point230 | 230 | 6,338,993.5 | 1,820,440.0 | 582.00 | 6.00     | 0.00   | 0        | 0   |               |
|                   |      |                                        |       |                  |                   |           |          |                    |  | point231 | 231 | 6,338,331.0 | 1,820,440.0 | 582.00 | 6.00     |        |          |     |               |
| Barrier20         | W    | 0.00                                   | 99.99 | 0.00             |                   |           |          | 0.00               |  | point232 | 232 | 6,340,965.0 | 1,820,510.0 | 637.00 | 6.00     | 0.00   | 0        | 0   |               |
|                   |      |                                        |       |                  |                   |           |          |                    |  | point233 | 233 | 6,340,382.5 | 1,820,510.0 | 616.00 | 6.00     | 0.00   | 0        | 0   |               |
|                   |      |                                        |       |                  |                   |           |          |                    |  | point234 | 234 | 6,339,800.0 | 1,820,510.0 | 596.00 | 6.00     |        |          |     |               |
| Barrier21         | W    | 0.00                                   | 99.99 | 0.00             |                   |           |          | 0.00               |  | point235 | 235 | 6,343,350.0 | 1,820,550.0 | 642.00 | 6.00     | 0.00   | 0        | 0   |               |
|                   |      |                                        |       |                  |                   |           |          |                    |  | point236 | 236 | 6,343,350.0 | 1,819,775.0 | 632.80 | 6.00     | 0.00   | 0        | 0   |               |
|                   |      |                                        |       |                  |                   |           |          |                    |  | point237 | 237 | 6,343,350.0 | 1,819,000.0 | 623.50 | 6.00     |        |          |     |               |
| Barrier22         | W    | 0.00                                   | 99.99 | 0.00             |                   |           |          | 0.00               |  | point238 | 238 | 6,344,725.0 | 1,820,485.0 | 672.00 | 6.00     | 0.00   | 0        | 0   |               |
|                   |      |                                        |       |                  |                   |           |          |                    |  | point239 | 239 | 6,344,050.0 | 1,820,485.0 | 668.00 | 6.00     | 0.00   | 0        | 0   |               |
|                   |      |                                        |       |                  |                   |           |          |                    |  | point240 | 240 | 6,343,375.0 | 1,820,485.0 | 664.00 | 6.00     |        |          |     |               |
| Barrier23         | W    | 0.00                                   | 99.99 | 0.00             |                   |           |          | 0.00               |  | point241 | 241 | 6,344,710.0 | 1,820,182.5 | 644.00 | 6.00     | 0.00   | 0        | 0   |               |
|                   |      |                                        |       |                  |                   |           |          |                    |  | point242 | 242 | 6,344,710.0 | 1,819,770.0 | 624.00 | 6.00     | 0.00   | 0        | 0   |               |
|                   |      |                                        |       |                  |                   |           |          |                    |  | point244 | 244 | 6,344,710.0 | 1,819,632.5 | 617.33 | 6.00     | 0.00   | 0        | 0   |               |
|                   |      |                                        |       |                  |                   |           |          |                    |  | point243 | 243 | 6,344,710.0 | 1,819,357.5 | 604.00 | 6.00     |        |          |     |               |
| Barrier24         | W    | 0.00                                   | 99.99 | 0.00             |                   |           |          | 0.00               |  | point246 | 246 | 6,344,890.0 | 1,817,682.5 | 620.80 | 6.00     | 0.00   | 0        | 0   |               |
|                   |      |                                        |       |                  |                   |           |          |                    |  | point247 | 247 | 6,344,890.0 | 1,816,970.0 | 628.50 | 6.00     | 0.00   | 0        | 0   |               |
|                   |      |                                        |       |                  |                   |           |          |                    |  | point248 | 248 | 6,344,890.0 | 1,816,257.5 | 636.30 | 6.00     |        |          |     |               |
| Barrier25         | W    | 0.00                                   | 99.99 | 0.00             |                   |           |          | 0.00               |  | point249 | 249 | 6,344,675.0 | 1,810,821.2 | 545.00 | 6.00     | 0.00   | 0        | 0   |               |
|                   |      |                                        |       |                  |                   |           |          |                    |  | point250 | 250 | 6,344,675.0 | 1,809,416.0 | 479.00 | 6.00     | 0.00   | 0        | 0   |               |
|                   |      |                                        |       |                  |                   |           |          |                    |  | point251 | 251 | 6,344,675.0 | 1,808,010.6 | 504.00 | 6.00     |        |          |     |               |
| Barrier26         | W    | 0.00                                   | 99.99 | 0.00             |                   |           |          | 0.00               |  | point252 | 252 | 6,348,298.0 | 1,820,815.5 | 660.00 | 6.00     | 0.00   | 0        | 0   |               |
|                   |      |                                        |       |                  |                   |           |          |                    |  | point253 | 253 | 6,348,499.0 | 1,820,815.5 | 660.00 | 6.00     | 0.00   | 0        | 0   |               |
|                   |      |                                        |       |                  |                   |           |          |                    |  | point254 | 254 | 6,348,588.0 | 1,820,898.6 | 660.00 | 6.00     |        |          |     |               |
| Barrier27         | W    | 0.00                                   | 99.99 | 0.00             |                   |           |          | 0.00               |  | point255 | 255 | 6,346,800.5 | 1,820,450.0 | 730.00 | 6.00     | 0.00   | 0        | 0   |               |
|                   |      |                                        |       |                  |                   |           |          |                    |  | point256 | 256 | 6,346,300.5 | 1,820,450.0 | 717.50 | 6.00     | 0.00   | 0        | 0   |               |
|                   |      |                                        |       |                  |                   |           |          |                    |  | point257 | 257 | 6,345,800.5 | 1,820,450.0 | 705.00 | 6.00     |        |          |     |               |
| Barrier28         | W    | 0.00                                   | 99.99 | 0.00             |                   |           |          | 0.00               |  | point258 | 258 | 6,348,760.5 | 1,820,171.2 | 652.80 | 6.00     | 0.00   | 0        | 0   |               |

INPUT: BARRIERS

8207

|  |  |  |  |  |  |  |  |  |          |     |             |             |        |      |      |   |   |  |  |
|--|--|--|--|--|--|--|--|--|----------|-----|-------------|-------------|--------|------|------|---|---|--|--|
|  |  |  |  |  |  |  |  |  | point259 | 259 | 6,348,760.5 | 1,819,747.5 | 671.50 | 6.00 | 0.00 | 0 | 0 |  |  |
|  |  |  |  |  |  |  |  |  | point260 | 260 | 6,348,760.5 | 1,819,323.8 | 691.30 | 6.00 |      |   |   |  |  |

## RESULTS: SOUND LEVELS

8207

|                                         |     |                                        |                 |            |        |                        |           |            |                 |            |      |            |  |
|-----------------------------------------|-----|----------------------------------------|-----------------|------------|--------|------------------------|-----------|------------|-----------------|------------|------|------------|--|
| Dudek                                   |     |                                        |                 |            |        |                        |           |            |                 |            |      |            |  |
| M Greene                                |     |                                        |                 |            |        |                        |           |            |                 |            |      |            |  |
|                                         |     |                                        |                 |            |        |                        |           |            |                 |            |      |            |  |
| RESULTS: SOUND LEVELS                   |     |                                        |                 |            |        |                        |           |            |                 |            |      |            |  |
| PROJECT/CONTRACT:                       |     | 8207                                   |                 |            |        |                        |           |            |                 |            |      |            |  |
| RUN:                                    |     | OtyRnchVilg14PrctrVily Yr 2030Rev 0817 |                 |            |        |                        |           |            |                 |            |      |            |  |
| BARRIER DESIGN:                         |     | INPUT HEIGHTS                          |                 |            |        |                        |           |            |                 |            |      |            |  |
|                                         |     |                                        |                 |            |        |                        |           |            |                 |            |      |            |  |
| ATMOSPHERICS:                           |     | 68 deg F, 50% RH                       |                 |            |        |                        |           |            |                 |            |      |            |  |
|                                         |     |                                        |                 |            |        |                        |           |            |                 |            |      |            |  |
| Receiver                                |     |                                        |                 |            |        |                        |           |            |                 |            |      |            |  |
| Name                                    | No. | #DUs                                   | Existing        | No Barrier |        |                        |           |            | With Barrier    |            |      |            |  |
|                                         |     |                                        | LAeq1h          | LAeq1h     |        | Increase over existing | Type      | Calculated | Noise Reduction |            |      |            |  |
|                                         |     |                                        |                 | Calculated | Crit'n | Calculated             | Crit'n    | Impact     | LAeq1h          | Calculated | Goal | Calculated |  |
|                                         |     |                                        |                 |            |        |                        | Sub'l Inc |            |                 |            |      | minus      |  |
|                                         |     |                                        |                 |            |        |                        |           |            |                 |            |      | Goal       |  |
|                                         |     |                                        | dBA             | dBA        | dBA    | dB                     | dB        |            | dBA             | dB         | dB   | dB         |  |
| R1 San MiguelRnchRd W of SR125          | 3   | 1                                      | 0.0             | 66.4       | 65     | 66.4                   | 10        | Snd Lvl    | 66.4            | 0.0        | 8    | -8.0       |  |
| R2 MtMiguelRd - ProctorVily-SnMgl       | 5   | 1                                      | 0.0             | 54.0       | 65     | 54.0                   | 10        | ----       | 54.0            | 0.0        | 8    | -8.0       |  |
| R3 PrctrVily Rd SR15 - MtMiguelRd       | 7   | 1                                      | 0.0             | 55.3       | 65     | 55.3                   | 10        | ----       | 55.3            | 0.0        | 8    | -8.0       |  |
| R4 MtMglRd - Lane Ave                   | 9   | 1                                      | 0.0             | 65.2       | 65     | 65.2                   | 10        | Snd Lvl    | 65.2            | 0.0        | 8    | -8.0       |  |
| R5 Lane Ave - PrctrVilyRd-OtayLksRd     | 11  | 1                                      | 0.0             | 55.0       | 65     | 55.0                   | 10        | ----       | 55.0            | 0.0        | 8    | -8.0       |  |
| R6 PrctrVilyRd-Lane Ave-HuntePkwy       | 13  | 1                                      | 0.0             | 56.5       | 65     | 56.5                   | 10        | ----       | 56.5            | 0.0        | 8    | -8.0       |  |
| R7 HuntePkwy-PrctrVilyRd-OtyLksRd       | 15  | 1                                      | 0.0             | 54.0       | 65     | 54.0                   | 10        | ----       | 54.0            | 0.0        | 8    | -8.0       |  |
| R8 HuntePkwy-OtyLksRd-OlmpcPkwy         | 17  | 1                                      | 0.0             | 59.4       | 65     | 59.4                   | 10        | ----       | 59.4            | 0.0        | 8    | -8.0       |  |
| R9 HuntePkwy-OlmpcPkwy-EastlkPkwy       | 19  | 1                                      | 0.0             | 59.3       | 65     | 59.3                   | 10        | ----       | 59.3            | 0.0        | 8    | -8.0       |  |
| R10 PrctrVilyRd-HuntePkyw-Nrthwd        | 21  | 1                                      | 0.0             | 53.4       | 65     | 53.4                   | 10        | ----       | 53.4            | 0.0        | 8    | -8.0       |  |
| R11 NrthwdsDr-ProctrVily-BlueRdgDr      | 23  | 1                                      | 0.0             | 47.7       | 65     | 47.7                   | 10        | ----       | 47.7            | 0.0        | 8    | -8.0       |  |
| M4 / R12 PrctrVily Rd w of NrthwdsDr    | 27  | 1                                      | 0.0             | 54.5       | 65     | 54.5                   | 10        | ----       | 54.5            | 0.0        | 8    | -8.0       |  |
| M6 / R13 SnMglRnchRd e of SR125         | 29  | 1                                      | 0.0             | 60.9       | 65     | 60.9                   | 10        | ----       | 60.9            | 0.0        | 8    | -8.0       |  |
| M8 / R14 PrctrVily Rd n of Project      | 31  | 1                                      | 0.0             | 60.0       | 65     | 60.0                   | 10        | ----       | 60.0            | 0.0        | 8    | -8.0       |  |
| M9 / R15 PrtrVilyRd-Melody Rd-SchleeCyr | 33  | 1                                      | 0.0             | 55.1       | 65     | 55.1                   | 10        | ----       | 55.1            | 0.0        | 8    | -8.0       |  |
| M10 / R16 MldyRd - PrctrVilyRd - SR-94  | 35  | 1                                      | 0.0             | 60.2       | 65     | 60.2                   | 10        | ----       | 60.2            | 0.0        | 8    | -8.0       |  |
| M11 / R17 PrctrVilyRd-SchleeCyn Rd-Mxfl | 37  | 1                                      | 0.0             | 61.1       | 65     | 61.1                   | 10        | ----       | 61.1            | 0.0        | 8    | -8.0       |  |
| R18 PrctrVilyRd - MaxfieldRd to SR-94   | 39  | 1                                      | 0.0             | 62.6       | 65     | 62.6                   | 10        | ----       | 62.6            | 0.0        | 8    | -8.0       |  |
| Dwelling Units                          |     | # DUs                                  | Noise Reduction |            |        |                        |           |            |                 |            |      |            |  |
|                                         |     |                                        | Min             | Avg        | Max    |                        |           |            |                 |            |      |            |  |
|                                         |     |                                        | dB              | dB         | dB     |                        |           |            |                 |            |      |            |  |
| All Selected                            |     | 18                                     | 0.0             | 0.0        | 0.0    |                        |           |            |                 |            |      |            |  |
| All Impacted                            |     | 2                                      | 0.0             | 0.0        | 0.0    |                        |           |            |                 |            |      |            |  |

RESULTS: SOUND LEVELS

8207

|                       |  |   |     |     |     |  |  |  |  |  |  |
|-----------------------|--|---|-----|-----|-----|--|--|--|--|--|--|
| All that meet NR Goal |  | 0 | 0.0 | 0.0 | 0.0 |  |  |  |  |  |  |
|-----------------------|--|---|-----|-----|-----|--|--|--|--|--|--|

**INPUT: ROADWAYS**
**8207**

|                                       |              |               |            |                                             |             |          |                     |                                                      |                 |                |                |
|---------------------------------------|--------------|---------------|------------|---------------------------------------------|-------------|----------|---------------------|------------------------------------------------------|-----------------|----------------|----------------|
| Dudek                                 |              |               |            |                                             |             |          |                     |                                                      |                 |                |                |
| M Greene                              |              |               |            |                                             |             |          |                     |                                                      |                 |                |                |
|                                       |              |               |            |                                             |             |          |                     |                                                      |                 |                |                |
| <b>INPUT: ROADWAYS</b>                |              |               |            | <b>12 September 2017</b>                    |             |          |                     |                                                      |                 |                |                |
| <b>PROJECT/CONTRACT:</b>              |              |               |            | <b>8207</b>                                 |             |          |                     | <b>Average pavement type shall be used unless</b>    |                 |                |                |
| <b>RUN:</b>                           |              |               |            | <b>OtyRnchV14PrctrVlly2030wProjRev 0817</b> |             |          |                     | <b>a State highway agency substantiates the use</b>  |                 |                |                |
|                                       |              |               |            |                                             |             |          |                     | <b>of a different type with the approval of FHWA</b> |                 |                |                |
| <b>Roadway</b>                        |              | <b>Points</b> |            |                                             |             |          |                     |                                                      |                 |                |                |
| <b>Name</b>                           | <b>Width</b> | <b>Name</b>   | <b>No.</b> | <b>Coordinates (pavement)</b>               |             |          | <b>Flow Control</b> |                                                      |                 | <b>Segment</b> |                |
|                                       |              |               |            | <b>X</b>                                    | <b>Y</b>    | <b>Z</b> | <b>Control</b>      | <b>Speed</b>                                         | <b>Percent</b>  | <b>Pvmt</b>    | <b>On</b>      |
|                                       |              |               |            |                                             |             |          | <b>Device</b>       | <b>Constraint</b>                                    | <b>Vehicles</b> | <b>Type</b>    | <b>Struct?</b> |
|                                       |              |               |            |                                             |             |          |                     |                                                      | <b>Affected</b> |                |                |
|                                       | ft           |               |            | ft                                          | ft          | ft       |                     | mph                                                  | %               |                |                |
| Melody Road - Proctor Vly Rd - SR-94  | 25.0         | point379      | 379        | 6,368,196.0                                 | 1,836,340.0 | 1,030.00 |                     |                                                      |                 | Average        |                |
|                                       |              | point380      | 380        | 6,371,196.0                                 | 1,836,340.0 | 950.00   |                     |                                                      |                 |                |                |
| PrctrVllyRd - Melody Rd-SchleeCyn Rd  | 45.0         | point381      | 381        | 6,368,180.0                                 | 1,836,341.0 | 1,040.00 |                     |                                                      |                 | Average        |                |
|                                       |              | point382      | 382        | 6,368,180.0                                 | 1,838,940.0 | 1,044.00 |                     |                                                      |                 |                |                |
| PrctrVllyRd - SchleeCyn Rd-MaxfieldRd | 25.0         | point383      | 383        | 6,368,180.0                                 | 1,839,000.0 | 1,044.00 |                     |                                                      |                 | Average        |                |
|                                       |              | point384      | 384        | 6,371,263.5                                 | 1,839,000.0 | 1,040.00 |                     |                                                      |                 |                |                |
| Proctor Valley Rd-HuntePkyw-Northwd   | 100.0        | point385      | 385        | 6,348,800.5                                 | 1,820,600.0 | 630.00   |                     |                                                      |                 | Average        |                |
|                                       |              | point387      | 387        | 6,346,800.5                                 | 1,820,600.0 | 700.00   |                     |                                                      |                 | Average        |                |
|                                       |              | point445      | 445        | 6,346,300.5                                 | 1,820,600.0 | 687.50   |                     |                                                      |                 | Average        |                |
|                                       |              | point444      | 444        | 6,345,800.5                                 | 1,820,600.0 | 675.00   |                     |                                                      |                 | Average        |                |
|                                       |              | point386      | 386        | 6,344,801.5                                 | 1,820,600.0 | 650.00   |                     |                                                      |                 |                |                |
| Proctor Valley Rd-Lane Ave-HuntePkwY  | 100.0        | point388      | 388        | 6,344,800.0                                 | 1,820,600.0 | 650.00   |                     |                                                      |                 | Average        |                |
|                                       |              | point434      | 434        | 6,344,050.0                                 | 1,820,600.0 | 646.00   |                     |                                                      |                 | Average        |                |
|                                       |              | point389      | 389        | 6,343,300.0                                 | 1,820,600.0 | 642.00   |                     |                                                      |                 |                |                |
| Proctor Valley Rd-MtMglRd - Lane Ave  | 100.0        | point390      | 390        | 6,343,295.0                                 | 1,820,600.0 | 642.00   |                     |                                                      |                 | Average        |                |
|                                       |              | point392      | 392        | 6,342,130.0                                 | 1,820,600.0 | 670.00   |                     |                                                      |                 | Average        |                |
|                                       |              | point430      | 430        | 6,340,965.0                                 | 1,820,600.0 | 629.00   |                     |                                                      |                 | Average        |                |
|                                       |              | point431      | 431        | 6,340,382.5                                 | 1,820,600.0 | 608.50   |                     |                                                      |                 | Average        |                |
|                                       |              | point391      | 391        | 6,339,800.0                                 | 1,820,600.0 | 588.00   |                     |                                                      |                 |                |                |
| SnMglRnch/Mt MglRd-SR125-PrctrVlly    | 70.0         | point394      | 394        | 6,339,800.0                                 | 1,820,601.0 | 588.00   |                     |                                                      |                 | Average        |                |
|                                       |              | point428      | 428        | 6,339,800.0                                 | 1,821,450.0 | 611.50   |                     |                                                      |                 | Average        |                |
|                                       |              | point395      | 395        | 6,339,800.0                                 | 1,822,300.0 | 635.00   |                     |                                                      |                 |                |                |
| SanMglRnchRd-PrctrVllyRd - SR-125     | 75.0         | point396      | 396        | 6,339,799.0                                 | 1,822,295.0 | 635.00   |                     |                                                      |                 | Average        |                |
|                                       |              | point423      | 423        | 6,338,800.0                                 | 1,822,294.5 | 584.75   |                     |                                                      |                 | Average        |                |
|                                       |              | point424      | 424        | 6,337,800.0                                 | 1,822,294.0 | 534.50   |                     |                                                      |                 | Average        |                |

**INPUT: ROADWAYS**
**8207**

|                                      |       |          |     |             |             |          |  |  |  |         |  |
|--------------------------------------|-------|----------|-----|-------------|-------------|----------|--|--|--|---------|--|
|                                      |       | point426 | 426 | 6,336,466.5 | 1,822,293.2 | 467.50   |  |  |  | Average |  |
|                                      |       | point397 | 397 | 6,335,800.0 | 1,822,292.9 | 434.00   |  |  |  |         |  |
| Proctor Valley Rd-SR125 - MtMglRd    | 100.0 | point398 | 398 | 6,339,800.0 | 1,820,595.0 | 588.00   |  |  |  | Average |  |
|                                      |       | point429 | 429 | 6,339,000.0 | 1,820,595.0 | 552.00   |  |  |  | Average |  |
|                                      |       | point399 | 399 | 6,338,200.0 | 1,820,595.0 | 516.00   |  |  |  |         |  |
| Northwoods Dr - ProctrVlly-BlueRdgDr | 25.0  | point400 | 400 | 6,348,800.5 | 1,820,595.0 | 630.00   |  |  |  | Average |  |
|                                      |       | point446 | 446 | 6,348,800.5 | 1,820,171.2 | 648.75   |  |  |  | Average |  |
|                                      |       | point447 | 447 | 6,348,800.5 | 1,819,747.5 | 667.50   |  |  |  | Average |  |
|                                      |       | point448 | 448 | 6,348,800.5 | 1,819,323.8 | 686.25   |  |  |  | Average |  |
|                                      |       | point401 | 401 | 6,348,800.5 | 1,818,900.0 | 705.00   |  |  |  |         |  |
| Hunte Pkwy-PrctrVllyRd - OtayLksRd   | 75.0  | point402 | 402 | 6,344,800.0 | 1,820,595.0 | 650.00   |  |  |  | Average |  |
|                                      |       | point437 | 437 | 6,344,800.0 | 1,820,182.5 | 630.00   |  |  |  | Average |  |
|                                      |       | point435 | 435 | 6,344,800.0 | 1,819,770.0 | 610.00   |  |  |  | Average |  |
|                                      |       | point436 | 436 | 6,344,800.0 | 1,819,357.5 | 590.00   |  |  |  | Average |  |
|                                      |       | point406 | 406 | 6,344,800.0 | 1,818,945.0 | 570.00   |  |  |  | Average |  |
|                                      |       | point403 | 403 | 6,344,800.0 | 1,818,395.0 | 619.00   |  |  |  |         |  |
| Hunte Pkwy-OtayLksRd-OlmpcPkwy       | 85.0  | point407 | 407 | 6,344,800.0 | 1,818,395.0 | 619.00   |  |  |  | Average |  |
|                                      |       | point438 | 438 | 6,344,800.0 | 1,817,682.5 | 626.75   |  |  |  | Average |  |
|                                      |       | point439 | 439 | 6,344,800.0 | 1,816,970.0 | 634.50   |  |  |  | Average |  |
|                                      |       | point440 | 440 | 6,344,800.0 | 1,816,257.5 | 642.25   |  |  |  | Average |  |
|                                      |       | point409 | 409 | 6,344,800.0 | 1,815,545.0 | 650.00   |  |  |  | Average |  |
|                                      |       | point408 | 408 | 6,344,800.0 | 1,812,695.0 | 525.00   |  |  |  |         |  |
| Hunte Pkwy-OlmpcPkwy-EastlkPkwy      | 105.0 | point410 | 410 | 6,344,800.0 | 1,812,690.0 | 525.00   |  |  |  | Average |  |
|                                      |       | point412 | 412 | 6,344,800.0 | 1,810,821.2 | 460.00   |  |  |  | Average |  |
|                                      |       | point441 | 441 | 6,344,800.0 | 1,809,416.0 | 485.00   |  |  |  | Average |  |
|                                      |       | point442 | 442 | 6,344,800.0 | 1,808,010.6 | 510.00   |  |  |  | Average |  |
|                                      |       | point443 | 443 | 6,344,800.0 | 1,806,605.2 | 535.00   |  |  |  | Average |  |
|                                      |       | point411 | 411 | 6,344,800.0 | 1,805,200.0 | 560.00   |  |  |  |         |  |
| Lane Ave PrctrVllyRd-OtayLksRd       | 75.0  | point415 | 415 | 6,343,300.0 | 1,820,600.0 | 642.00   |  |  |  | Average |  |
|                                      |       | point433 | 433 | 6,343,300.0 | 1,819,775.0 | 632.75   |  |  |  | Average |  |
|                                      |       | point432 | 432 | 6,343,300.0 | 1,818,950.0 | 623.50   |  |  |  | Average |  |
|                                      |       | point416 | 416 | 6,343,300.0 | 1,817,300.0 | 605.00   |  |  |  |         |  |
| PrctrVllyRd - MaxfieldRd to SR-94    | 30.0  | point421 | 421 | 6,371,265.0 | 1,839,010.0 | 1,040.00 |  |  |  | Average |  |
|                                      |       | point449 | 449 | 6,371,265.0 | 1,839,505.0 | 1,020.00 |  |  |  | Average |  |
|                                      |       | point422 | 422 | 6,371,265.0 | 1,840,000.0 | 1,000.00 |  |  |  |         |  |
| Proctor Valley Rd - Ent 7 to Ent 8   | 40.0  | point845 | 845 | 6,360,531.5 | 1,833,317.4 | 906.00   |  |  |  | Average |  |
|                                      |       | point847 | 847 | 6,360,575.5 | 1,833,349.5 | 907.90   |  |  |  | Average |  |
|                                      |       | point848 | 848 | 6,360,599.5 | 1,833,371.0 | 909.90   |  |  |  | Average |  |
|                                      |       | point849 | 849 | 6,360,619.5 | 1,833,396.1 | 911.90   |  |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|                                           |      |          |     |             |             |        |  |  |  |         |  |
|-------------------------------------------|------|----------|-----|-------------|-------------|--------|--|--|--|---------|--|
|                                           |      | point850 | 850 | 6,360,635.5 | 1,833,424.1 | 913.80 |  |  |  | Average |  |
|                                           |      | point851 | 851 | 6,360,691.0 | 1,833,542.9 | 922.50 |  |  |  | Average |  |
|                                           |      | point852 | 852 | 6,360,706.0 | 1,833,570.1 | 924.20 |  |  |  | Average |  |
|                                           |      | point853 | 853 | 6,360,725.0 | 1,833,594.6 | 924.70 |  |  |  | Average |  |
|                                           |      | point854 | 854 | 6,360,747.5 | 1,833,615.9 | 925.20 |  |  |  | Average |  |
|                                           |      | point855 | 855 | 6,360,829.5 | 1,833,682.5 | 927.00 |  |  |  | Average |  |
|                                           |      | point856 | 856 | 6,360,855.5 | 1,833,707.2 | 927.50 |  |  |  | Average |  |
|                                           |      | point857 | 857 | 6,360,876.0 | 1,833,736.1 | 928.20 |  |  |  | Average |  |
|                                           |      | point858 | 858 | 6,360,891.5 | 1,833,768.2 | 929.40 |  |  |  | Average |  |
|                                           |      | point859 | 859 | 6,360,896.5 | 1,833,806.6 | 930.60 |  |  |  | Average |  |
|                                           |      | point860 | 860 | 6,360,896.5 | 1,833,838.9 | 931.80 |  |  |  | Average |  |
|                                           |      | point861 | 861 | 6,360,896.5 | 1,834,681.8 | 923.90 |  |  |  | Average |  |
|                                           |      | point862 | 862 | 6,360,893.5 | 1,834,739.8 | 919.80 |  |  |  | Average |  |
|                                           |      | point863 | 863 | 6,360,885.0 | 1,834,798.1 | 915.70 |  |  |  | Average |  |
|                                           |      | point864 | 864 | 6,360,878.0 | 1,834,855.4 | 911.70 |  |  |  | Average |  |
|                                           |      | point893 | 893 | 6,360,868.5 | 1,834,918.4 | 908.80 |  |  |  |         |  |
| Proctor Valley Road - Ent 8 to Melody     | 25.0 | point881 | 881 | 6,368,149.0 | 1,836,340.0 | 960.00 |  |  |  | Average |  |
|                                           |      | point882 | 882 | 6,366,145.0 | 1,836,340.0 | 968.00 |  |  |  | Average |  |
|                                           |      | point883 | 883 | 6,362,537.5 | 1,836,340.0 | 910.00 |  |  |  |         |  |
| Proctor Valley Road - Proj Ent 1 to Chula | 60.0 | point884 | 884 | 6,354,425.0 | 1,823,684.4 | 591.80 |  |  |  | Average |  |
|                                           |      | point602 | 602 | 6,354,319.0 | 1,823,650.4 | 591.10 |  |  |  | Average |  |
|                                           |      | point603 | 603 | 6,354,213.0 | 1,823,616.2 | 591.00 |  |  |  | Average |  |
|                                           |      | point604 | 604 | 6,354,107.0 | 1,823,582.2 | 589.90 |  |  |  | Average |  |
|                                           |      | point605 | 605 | 6,354,001.0 | 1,823,548.1 | 588.80 |  |  |  | Average |  |
|                                           |      | point606 | 606 | 6,353,895.0 | 1,823,514.1 | 587.60 |  |  |  | Average |  |
|                                           |      | point607 | 607 | 6,353,846.5 | 1,823,497.4 | 587.10 |  |  |  | Average |  |
|                                           |      | point608 | 608 | 6,353,799.0 | 1,823,478.8 | 586.60 |  |  |  | Average |  |
|                                           |      | point609 | 609 | 6,353,752.5 | 1,823,458.0 | 586.10 |  |  |  | Average |  |
|                                           |      | point610 | 610 | 6,353,706.5 | 1,823,435.4 | 585.60 |  |  |  | Average |  |
|                                           |      | point611 | 611 | 6,353,662.0 | 1,823,410.8 | 585.10 |  |  |  | Average |  |
|                                           |      | point612 | 612 | 6,353,618.0 | 1,823,384.4 | 584.60 |  |  |  | Average |  |
|                                           |      | point613 | 613 | 6,353,575.5 | 1,823,356.0 | 584.10 |  |  |  | Average |  |
|                                           |      | point614 | 614 | 6,353,534.5 | 1,823,326.0 | 583.60 |  |  |  | Average |  |
|                                           |      | point615 | 615 | 6,353,494.5 | 1,823,294.1 | 583.10 |  |  |  | Average |  |
|                                           |      | point616 | 616 | 6,353,456.0 | 1,823,260.6 | 582.50 |  |  |  | Average |  |
|                                           |      | point617 | 617 | 6,353,419.0 | 1,823,225.6 | 582.00 |  |  |  | Average |  |
|                                           |      | point618 | 618 | 6,353,383.5 | 1,823,188.9 | 581.50 |  |  |  | Average |  |
|                                           |      | point619 | 619 | 6,353,349.5 | 1,823,150.9 | 581.00 |  |  |  | Average |  |
|                                           |      | point620 | 620 | 6,353,317.0 | 1,823,111.2 | 580.50 |  |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|  |  |          |     |             |             |        |  |  |  |         |  |
|--|--|----------|-----|-------------|-------------|--------|--|--|--|---------|--|
|  |  | point621 | 621 | 6,353,286.5 | 1,823,070.4 | 580.00 |  |  |  | Average |  |
|  |  | point622 | 622 | 6,353,257.5 | 1,823,028.2 | 579.50 |  |  |  | Average |  |
|  |  | point623 | 623 | 6,353,230.5 | 1,822,985.0 | 579.00 |  |  |  | Average |  |
|  |  | point624 | 624 | 6,353,139.5 | 1,822,831.8 | 577.20 |  |  |  | Average |  |
|  |  | point625 | 625 | 6,353,113.0 | 1,822,789.2 | 576.70 |  |  |  | Average |  |
|  |  | point626 | 626 | 6,353,084.5 | 1,822,747.9 | 576.30 |  |  |  | Average |  |
|  |  | point627 | 627 | 6,353,055.0 | 1,822,707.8 | 576.60 |  |  |  | Average |  |
|  |  | point628 | 628 | 6,353,023.0 | 1,822,669.0 | 577.10 |  |  |  | Average |  |
|  |  | point629 | 629 | 6,352,990.0 | 1,822,631.5 | 577.60 |  |  |  | Average |  |
|  |  | point630 | 630 | 6,352,955.5 | 1,822,595.4 | 578.10 |  |  |  | Average |  |
|  |  | point631 | 631 | 6,352,919.0 | 1,822,560.9 | 578.60 |  |  |  | Average |  |
|  |  | point632 | 632 | 6,352,881.5 | 1,822,527.8 | 579.10 |  |  |  | Average |  |
|  |  | point633 | 633 | 6,352,842.5 | 1,822,496.2 | 579.60 |  |  |  | Average |  |
|  |  | point634 | 634 | 6,352,802.5 | 1,822,466.5 | 580.10 |  |  |  | Average |  |
|  |  | point635 | 635 | 6,352,761.0 | 1,822,438.4 | 580.60 |  |  |  | Average |  |
|  |  | point636 | 636 | 6,352,718.5 | 1,822,412.0 | 581.10 |  |  |  | Average |  |
|  |  | point637 | 637 | 6,352,675.0 | 1,822,387.5 | 580.60 |  |  |  | Average |  |
|  |  | point638 | 638 | 6,352,630.5 | 1,822,364.8 | 581.00 |  |  |  | Average |  |
|  |  | point639 | 639 | 6,352,585.0 | 1,822,343.9 | 581.50 |  |  |  | Average |  |
|  |  | point640 | 640 | 6,352,538.5 | 1,822,325.0 | 582.00 |  |  |  | Average |  |
|  |  | point641 | 641 | 6,352,443.5 | 1,822,288.4 | 583.10 |  |  |  | Average |  |
|  |  | point642 | 642 | 6,352,397.5 | 1,822,269.0 | 583.30 |  |  |  | Average |  |
|  |  | point643 | 643 | 6,352,352.5 | 1,822,247.0 | 583.20 |  |  |  | Average |  |
|  |  | point644 | 644 | 6,352,309.0 | 1,822,222.2 | 582.70 |  |  |  | Average |  |
|  |  | point645 | 645 | 6,352,267.5 | 1,822,194.9 | 582.20 |  |  |  | Average |  |
|  |  | point646 | 646 | 6,352,227.0 | 1,822,165.1 | 581.70 |  |  |  | Average |  |
|  |  | point647 | 647 | 6,352,189.0 | 1,822,133.0 | 581.20 |  |  |  | Average |  |
|  |  | point648 | 648 | 6,352,153.0 | 1,822,098.5 | 580.70 |  |  |  | Average |  |
|  |  | point649 | 649 | 6,352,119.0 | 1,822,062.0 | 580.20 |  |  |  | Average |  |
|  |  | point650 | 650 | 6,352,087.0 | 1,822,023.5 | 579.70 |  |  |  | Average |  |
|  |  | point651 | 651 | 6,352,057.5 | 1,821,983.0 | 579.20 |  |  |  | Average |  |
|  |  | point652 | 652 | 6,352,031.0 | 1,821,941.0 | 578.70 |  |  |  | Average |  |
|  |  | point653 | 653 | 6,352,006.5 | 1,821,897.4 | 578.20 |  |  |  | Average |  |
|  |  | point654 | 654 | 6,351,985.0 | 1,821,852.2 | 577.70 |  |  |  | Average |  |
|  |  | point655 | 655 | 6,351,966.0 | 1,821,806.0 | 577.20 |  |  |  | Average |  |
|  |  | point656 | 656 | 6,351,950.0 | 1,821,758.8 | 576.70 |  |  |  | Average |  |
|  |  | point657 | 657 | 6,351,919.0 | 1,821,657.0 | 575.60 |  |  |  | Average |  |
|  |  | point658 | 658 | 6,351,888.0 | 1,821,555.1 | 574.50 |  |  |  | Average |  |
|  |  | point659 | 659 | 6,351,857.0 | 1,821,453.4 | 573.50 |  |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|  |  |          |     |             |             |        |  |  |  |         |  |
|--|--|----------|-----|-------------|-------------|--------|--|--|--|---------|--|
|  |  | point660 | 660 | 6,351,826.0 | 1,821,351.6 | 572.40 |  |  |  | Average |  |
|  |  | point661 | 661 | 6,351,795.0 | 1,821,249.9 | 571.30 |  |  |  | Average |  |
|  |  | point662 | 662 | 6,351,764.0 | 1,821,148.0 | 570.30 |  |  |  | Average |  |
|  |  | point663 | 663 | 6,351,752.0 | 1,821,111.1 | 569.90 |  |  |  | Average |  |
|  |  | point664 | 664 | 6,351,738.5 | 1,821,074.8 | 569.50 |  |  |  | Average |  |
|  |  | point665 | 665 | 6,351,704.0 | 1,820,986.4 | 568.60 |  |  |  | Average |  |
|  |  | point666 | 666 | 6,351,669.5 | 1,820,898.0 | 568.40 |  |  |  | Average |  |
|  |  | point667 | 667 | 6,351,635.0 | 1,820,809.8 | 569.40 |  |  |  | Average |  |
|  |  | point668 | 668 | 6,351,600.0 | 1,820,721.4 | 570.40 |  |  |  | Average |  |
|  |  | point669 | 669 | 6,351,565.5 | 1,820,633.0 | 571.30 |  |  |  | Average |  |
|  |  | point670 | 670 | 6,351,531.0 | 1,820,544.6 | 572.20 |  |  |  | Average |  |
|  |  | point671 | 671 | 6,351,496.5 | 1,820,456.4 | 572.80 |  |  |  | Average |  |
|  |  | point672 | 672 | 6,351,461.5 | 1,820,368.0 | 571.90 |  |  |  | Average |  |
|  |  | point673 | 673 | 6,351,442.5 | 1,820,323.2 | 571.40 |  |  |  | Average |  |
|  |  | point674 | 674 | 6,351,420.0 | 1,820,279.9 | 570.90 |  |  |  | Average |  |
|  |  | point675 | 675 | 6,351,394.5 | 1,820,238.2 | 570.40 |  |  |  | Average |  |
|  |  | point676 | 676 | 6,351,366.5 | 1,820,198.5 | 569.90 |  |  |  | Average |  |
|  |  | point677 | 677 | 6,351,335.5 | 1,820,160.8 | 569.40 |  |  |  | Average |  |
|  |  | point678 | 678 | 6,351,302.0 | 1,820,125.4 | 568.90 |  |  |  | Average |  |
|  |  | point679 | 679 | 6,351,266.0 | 1,820,092.2 | 568.40 |  |  |  | Average |  |
|  |  | point680 | 680 | 6,351,228.0 | 1,820,061.8 | 567.90 |  |  |  | Average |  |
|  |  | point681 | 681 | 6,351,188.0 | 1,820,034.0 | 567.50 |  |  |  | Average |  |
|  |  | point682 | 682 | 6,351,146.0 | 1,820,009.1 | 567.00 |  |  |  | Average |  |
|  |  | point683 | 683 | 6,351,102.5 | 1,819,987.2 | 566.50 |  |  |  | Average |  |
|  |  | point684 | 684 | 6,351,057.5 | 1,819,968.5 | 566.00 |  |  |  | Average |  |
|  |  | point685 | 685 | 6,351,011.0 | 1,819,952.9 | 565.50 |  |  |  | Average |  |
|  |  | point686 | 686 | 6,350,964.0 | 1,819,940.5 | 565.00 |  |  |  | Average |  |
|  |  | point687 | 687 | 6,350,916.0 | 1,819,931.4 | 564.50 |  |  |  | Average |  |
|  |  | point688 | 688 | 6,350,867.5 | 1,819,925.6 | 564.00 |  |  |  | Average |  |
|  |  | point689 | 689 | 6,350,819.0 | 1,819,923.4 | 563.60 |  |  |  | Average |  |
|  |  | point690 | 690 | 6,350,770.0 | 1,819,924.4 | 563.10 |  |  |  | Average |  |
|  |  | point691 | 691 | 6,350,721.5 | 1,819,928.9 | 562.60 |  |  |  | Average |  |
|  |  | point692 | 692 | 6,350,625.0 | 1,819,941.2 | 561.70 |  |  |  | Average |  |
|  |  | point693 | 693 | 6,350,528.5 | 1,819,953.5 | 561.60 |  |  |  | Average |  |
|  |  | point694 | 694 | 6,350,432.0 | 1,819,965.8 | 562.60 |  |  |  | Average |  |
|  |  | point695 | 695 | 6,350,335.5 | 1,819,978.1 | 565.10 |  |  |  | Average |  |
|  |  | point696 | 696 | 6,350,239.0 | 1,819,990.4 | 568.80 |  |  |  | Average |  |
|  |  | point697 | 697 | 6,350,142.5 | 1,820,002.6 | 572.20 |  |  |  | Average |  |
|  |  | point698 | 698 | 6,350,045.5 | 1,820,015.0 | 575.60 |  |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|                                       |      |          |     |             |             |        |  |  |  |         |  |
|---------------------------------------|------|----------|-----|-------------|-------------|--------|--|--|--|---------|--|
|                                       |      | point699 | 699 | 6,349,996.5 | 1,820,022.0 | 577.30 |  |  |  | Average |  |
|                                       |      | point700 | 700 | 6,349,948.0 | 1,820,030.8 | 579.00 |  |  |  | Average |  |
|                                       |      | point701 | 701 | 6,349,899.5 | 1,820,041.0 | 580.80 |  |  |  | Average |  |
|                                       |      | point702 | 702 | 6,349,851.5 | 1,820,052.9 | 582.50 |  |  |  | Average |  |
|                                       |      | point703 | 703 | 6,349,804.0 | 1,820,066.2 | 584.20 |  |  |  | Average |  |
|                                       |      | point704 | 704 | 6,349,756.5 | 1,820,081.4 | 585.90 |  |  |  | Average |  |
|                                       |      | point705 | 705 | 6,349,710.0 | 1,820,097.9 | 587.70 |  |  |  | Average |  |
|                                       |      | point706 | 706 | 6,349,664.0 | 1,820,116.0 | 589.40 |  |  |  | Average |  |
|                                       |      | point707 | 707 | 6,349,618.5 | 1,820,135.6 | 591.10 |  |  |  | Average |  |
|                                       |      | point708 | 708 | 6,349,573.5 | 1,820,156.6 | 592.80 |  |  |  | Average |  |
|                                       |      | point709 | 709 | 6,349,529.5 | 1,820,179.2 | 594.60 |  |  |  | Average |  |
|                                       |      | point710 | 710 | 6,349,486.5 | 1,820,203.2 | 596.30 |  |  |  | Average |  |
|                                       |      | point711 | 711 | 6,349,389.0 | 1,820,259.2 | 600.20 |  |  |  | Average |  |
|                                       |      | point712 | 712 | 6,349,292.0 | 1,820,315.2 | 604.10 |  |  |  | Average |  |
|                                       |      | point713 | 713 | 6,349,194.5 | 1,820,371.4 | 608.00 |  |  |  | Average |  |
|                                       |      | point714 | 714 | 6,349,097.5 | 1,820,427.4 | 611.90 |  |  |  | Average |  |
|                                       |      | point715 | 715 | 6,349,000.0 | 1,820,483.4 | 615.90 |  |  |  | Average |  |
|                                       |      | point716 | 716 | 6,348,903.0 | 1,820,539.5 | 619.80 |  |  |  | Average |  |
|                                       |      | point717 | 717 | 6,348,819.5 | 1,820,587.5 | 624.60 |  |  |  |         |  |
| Proctor Valley Road - Proj Ent 1 to 2 | 60.0 | point886 | 886 | 6,354,855.5 | 1,824,377.8 | 603.80 |  |  |  | Average |  |
|                                       |      | point592 | 592 | 6,354,808.0 | 1,824,274.2 | 602.10 |  |  |  | Average |  |
|                                       |      | point593 | 593 | 6,354,761.0 | 1,824,170.8 | 600.40 |  |  |  | Average |  |
|                                       |      | point594 | 594 | 6,354,713.5 | 1,824,067.2 | 598.60 |  |  |  | Average |  |
|                                       |      | point595 | 595 | 6,354,692.5 | 1,824,024.8 | 597.90 |  |  |  | Average |  |
|                                       |      | point596 | 596 | 6,354,668.5 | 1,823,983.8 | 597.20 |  |  |  | Average |  |
|                                       |      | point597 | 597 | 6,354,641.5 | 1,823,944.5 | 596.40 |  |  |  | Average |  |
|                                       |      | point598 | 598 | 6,354,612.5 | 1,823,907.2 | 595.70 |  |  |  | Average |  |
|                                       |      | point599 | 599 | 6,354,550.0 | 1,823,833.0 | 594.20 |  |  |  | Average |  |
|                                       |      | point885 | 885 | 6,354,487.5 | 1,823,758.6 | 593.10 |  |  |  | Average |  |
|                                       |      | point601 | 601 | 6,354,425.0 | 1,823,684.4 | 591.80 |  |  |  |         |  |
| Proctor Valley Road - Proj Ent 2 to 3 | 60.0 | point887 | 887 | 6,355,996.0 | 1,826,801.6 | 649.50 |  |  |  | Average |  |
|                                       |      | point551 | 551 | 6,355,981.0 | 1,826,756.0 | 648.90 |  |  |  | Average |  |
|                                       |      | point552 | 552 | 6,355,967.5 | 1,826,709.8 | 648.10 |  |  |  | Average |  |
|                                       |      | point553 | 553 | 6,355,957.0 | 1,826,662.9 | 647.30 |  |  |  | Average |  |
|                                       |      | point554 | 554 | 6,355,948.5 | 1,826,615.6 | 646.50 |  |  |  | Average |  |
|                                       |      | point555 | 555 | 6,355,942.5 | 1,826,567.9 | 645.70 |  |  |  | Average |  |
|                                       |      | point556 | 556 | 6,355,939.0 | 1,826,520.0 | 644.90 |  |  |  | Average |  |
|                                       |      | point557 | 557 | 6,355,934.0 | 1,826,413.9 | 643.10 |  |  |  | Average |  |
|                                       |      | point558 | 558 | 6,355,929.0 | 1,826,307.8 | 641.40 |  |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|                                       |      |          |     |             |             |        |  |  |  |         |  |
|---------------------------------------|------|----------|-----|-------------|-------------|--------|--|--|--|---------|--|
|                                       |      | point559 | 559 | 6,355,924.0 | 1,826,201.6 | 639.60 |  |  |  | Average |  |
|                                       |      | point560 | 560 | 6,355,919.0 | 1,826,095.5 | 637.80 |  |  |  | Average |  |
|                                       |      | point561 | 561 | 6,355,914.0 | 1,825,989.4 | 636.30 |  |  |  | Average |  |
|                                       |      | point562 | 562 | 6,355,909.0 | 1,825,883.2 | 635.20 |  |  |  | Average |  |
|                                       |      | point563 | 563 | 6,355,904.0 | 1,825,777.1 | 634.10 |  |  |  | Average |  |
|                                       |      | point564 | 564 | 6,355,899.5 | 1,825,727.6 | 633.60 |  |  |  | Average |  |
|                                       |      | point565 | 565 | 6,355,891.0 | 1,825,678.8 | 633.10 |  |  |  | Average |  |
|                                       |      | point566 | 566 | 6,355,878.5 | 1,825,630.8 | 632.60 |  |  |  | Average |  |
|                                       |      | point567 | 567 | 6,355,862.0 | 1,825,584.0 | 632.20 |  |  |  | Average |  |
|                                       |      | point568 | 568 | 6,355,842.0 | 1,825,538.6 | 631.70 |  |  |  | Average |  |
|                                       |      | point569 | 569 | 6,355,818.0 | 1,825,495.2 | 631.20 |  |  |  | Average |  |
|                                       |      | point570 | 570 | 6,355,790.5 | 1,825,453.9 | 630.70 |  |  |  | Average |  |
|                                       |      | point571 | 571 | 6,355,760.0 | 1,825,414.9 | 630.20 |  |  |  | Average |  |
|                                       |      | point572 | 572 | 6,355,726.0 | 1,825,378.6 | 629.70 |  |  |  | Average |  |
|                                       |      | point573 | 573 | 6,355,689.5 | 1,825,345.2 | 629.20 |  |  |  | Average |  |
|                                       |      | point574 | 574 | 6,355,650.0 | 1,825,315.0 | 628.70 |  |  |  | Average |  |
|                                       |      | point575 | 575 | 6,355,543.5 | 1,825,240.2 | 627.40 |  |  |  | Average |  |
|                                       |      | point576 | 576 | 6,355,437.5 | 1,825,165.5 | 626.10 |  |  |  | Average |  |
|                                       |      | point577 | 577 | 6,355,331.0 | 1,825,090.6 | 624.80 |  |  |  | Average |  |
|                                       |      | point578 | 578 | 6,355,292.5 | 1,825,062.0 | 624.30 |  |  |  | Average |  |
|                                       |      | point579 | 579 | 6,355,255.5 | 1,825,031.6 | 623.80 |  |  |  | Average |  |
|                                       |      | point580 | 580 | 6,355,219.5 | 1,824,999.4 | 623.30 |  |  |  | Average |  |
|                                       |      | point581 | 581 | 6,355,185.5 | 1,824,965.5 | 622.80 |  |  |  | Average |  |
|                                       |      | point582 | 582 | 6,355,153.0 | 1,824,930.0 | 622.40 |  |  |  | Average |  |
|                                       |      | point583 | 583 | 6,355,122.5 | 1,824,893.0 | 621.90 |  |  |  | Average |  |
|                                       |      | point584 | 584 | 6,355,093.5 | 1,824,854.6 | 621.30 |  |  |  | Average |  |
|                                       |      | point585 | 585 | 6,355,066.5 | 1,824,814.9 | 620.50 |  |  |  | Average |  |
|                                       |      | point586 | 586 | 6,355,041.5 | 1,824,773.8 | 619.40 |  |  |  | Average |  |
|                                       |      | point587 | 587 | 6,355,018.5 | 1,824,731.6 | 617.90 |  |  |  | Average |  |
|                                       |      | point588 | 588 | 6,354,997.5 | 1,824,688.4 | 616.00 |  |  |  | Average |  |
|                                       |      | point589 | 589 | 6,354,950.0 | 1,824,584.9 | 611.00 |  |  |  | Average |  |
|                                       |      | point590 | 590 | 6,354,902.5 | 1,824,481.4 | 606.40 |  |  |  | Average |  |
|                                       |      | point591 | 591 | 6,354,855.5 | 1,824,377.8 | 603.80 |  |  |  |         |  |
| Proctor Valley Road - Proj Ent 3 to 4 | 60.0 | point888 | 888 | 6,356,791.0 | 1,827,626.9 | 692.80 |  |  |  | Average |  |
|                                       |      | point533 | 533 | 6,356,707.0 | 1,827,562.4 | 689.10 |  |  |  | Average |  |
|                                       |      | point534 | 534 | 6,356,623.5 | 1,827,497.8 | 684.20 |  |  |  | Average |  |
|                                       |      | point535 | 535 | 6,356,593.5 | 1,827,474.2 | 682.40 |  |  |  | Average |  |
|                                       |      | point536 | 536 | 6,356,564.0 | 1,827,450.1 | 680.70 |  |  |  | Average |  |
|                                       |      | point537 | 537 | 6,356,535.0 | 1,827,425.5 | 679.00 |  |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|                                       |      |          |     |             |             |        |  |  |  |         |  |
|---------------------------------------|------|----------|-----|-------------|-------------|--------|--|--|--|---------|--|
|                                       |      | point538 | 538 | 6,356,445.5 | 1,827,348.0 | 673.40 |  |  |  | Average |  |
|                                       |      | point539 | 539 | 6,356,356.0 | 1,827,270.5 | 667.50 |  |  |  | Average |  |
|                                       |      | point540 | 540 | 6,356,266.5 | 1,827,193.0 | 662.30 |  |  |  | Average |  |
|                                       |      | point541 | 541 | 6,356,231.0 | 1,827,160.6 | 660.20 |  |  |  | Average |  |
|                                       |      | point542 | 542 | 6,356,197.0 | 1,827,126.5 | 658.30 |  |  |  | Average |  |
|                                       |      | point543 | 543 | 6,356,165.0 | 1,827,090.6 | 656.40 |  |  |  | Average |  |
|                                       |      | point544 | 544 | 6,356,134.5 | 1,827,053.2 | 655.00 |  |  |  | Average |  |
|                                       |      | point545 | 545 | 6,356,106.5 | 1,827,014.5 | 653.80 |  |  |  | Average |  |
|                                       |      | point546 | 546 | 6,356,080.0 | 1,826,974.2 | 652.90 |  |  |  | Average |  |
|                                       |      | point547 | 547 | 6,356,056.0 | 1,826,932.8 | 652.10 |  |  |  | Average |  |
|                                       |      | point548 | 548 | 6,356,033.5 | 1,826,890.0 | 650.40 |  |  |  | Average |  |
|                                       |      | point549 | 549 | 6,356,014.0 | 1,826,846.2 | 650.50 |  |  |  | Average |  |
|                                       |      | point550 | 550 | 6,355,996.0 | 1,826,801.6 | 649.50 |  |  |  |         |  |
| Proctor Valley Road - Proj Ent 4 to 5 | 60.0 | point889 | 889 | 6,359,116.5 | 1,829,950.2 | 763.10 |  |  |  | Average |  |
|                                       |      | point485 | 485 | 6,359,094.5 | 1,829,907.9 | 762.40 |  |  |  | Average |  |
|                                       |      | point486 | 486 | 6,359,072.0 | 1,829,865.5 | 761.60 |  |  |  | Average |  |
|                                       |      | point487 | 487 | 6,359,049.5 | 1,829,823.1 | 760.60 |  |  |  | Average |  |
|                                       |      | point488 | 488 | 6,359,027.5 | 1,829,780.8 | 759.00 |  |  |  | Average |  |
|                                       |      | point489 | 489 | 6,359,005.0 | 1,829,738.4 | 756.50 |  |  |  | Average |  |
|                                       |      | point490 | 490 | 6,358,982.5 | 1,829,696.0 | 753.50 |  |  |  | Average |  |
|                                       |      | point491 | 491 | 6,358,960.5 | 1,829,653.6 | 750.00 |  |  |  | Average |  |
|                                       |      | point492 | 492 | 6,358,938.0 | 1,829,611.2 | 746.90 |  |  |  | Average |  |
|                                       |      | point493 | 493 | 6,358,916.0 | 1,829,568.9 | 744.90 |  |  |  | Average |  |
|                                       |      | point494 | 494 | 6,358,893.5 | 1,829,526.5 | 743.00 |  |  |  | Average |  |
|                                       |      | point495 | 495 | 6,358,871.0 | 1,829,484.1 | 741.50 |  |  |  | Average |  |
|                                       |      | point496 | 496 | 6,358,849.0 | 1,829,441.8 | 740.10 |  |  |  | Average |  |
|                                       |      | point497 | 497 | 6,358,803.5 | 1,829,368.9 | 737.40 |  |  |  | Average |  |
|                                       |      | point498 | 498 | 6,358,748.5 | 1,829,303.2 | 734.70 |  |  |  | Average |  |
|                                       |      | point499 | 499 | 6,358,712.0 | 1,829,265.8 | 733.10 |  |  |  | Average |  |
|                                       |      | point500 | 500 | 6,358,675.5 | 1,829,228.2 | 731.40 |  |  |  | Average |  |
|                                       |      | point501 | 501 | 6,358,639.0 | 1,829,190.8 | 729.80 |  |  |  | Average |  |
|                                       |      | point502 | 502 | 6,358,602.5 | 1,829,153.2 | 728.10 |  |  |  | Average |  |
|                                       |      | point503 | 503 | 6,358,566.5 | 1,829,115.8 | 726.50 |  |  |  | Average |  |
|                                       |      | point504 | 504 | 6,358,530.0 | 1,829,078.2 | 724.80 |  |  |  | Average |  |
|                                       |      | point505 | 505 | 6,358,493.5 | 1,829,040.8 | 723.20 |  |  |  | Average |  |
|                                       |      | point506 | 506 | 6,358,457.0 | 1,829,003.2 | 721.50 |  |  |  | Average |  |
|                                       |      | point507 | 507 | 6,358,421.0 | 1,828,965.2 | 719.90 |  |  |  | Average |  |
|                                       |      | point508 | 508 | 6,358,385.5 | 1,828,927.2 | 718.30 |  |  |  | Average |  |
|                                       |      | point509 | 509 | 6,358,349.5 | 1,828,889.1 | 716.70 |  |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|                                       |      |          |     |             |             |        |  |  |  |         |  |
|---------------------------------------|------|----------|-----|-------------|-------------|--------|--|--|--|---------|--|
|                                       |      | point510 | 510 | 6,358,313.5 | 1,828,851.1 | 715.20 |  |  |  | Average |  |
|                                       |      | point511 | 511 | 6,358,278.0 | 1,828,813.1 | 714.20 |  |  |  | Average |  |
|                                       |      | point512 | 512 | 6,358,242.0 | 1,828,775.1 | 713.60 |  |  |  | Average |  |
|                                       |      | point513 | 513 | 6,358,206.0 | 1,828,737.0 | 713.00 |  |  |  | Average |  |
|                                       |      | point514 | 514 | 6,358,170.5 | 1,828,699.0 | 712.50 |  |  |  | Average |  |
|                                       |      | point515 | 515 | 6,358,136.5 | 1,828,665.6 | 712.00 |  |  |  | Average |  |
|                                       |      | point516 | 516 | 6,358,100.0 | 1,828,635.1 | 711.50 |  |  |  | Average |  |
|                                       |      | point517 | 517 | 6,358,048.5 | 1,828,595.4 | 710.90 |  |  |  | Average |  |
|                                       |      | point518 | 518 | 6,357,964.5 | 1,828,530.9 | 709.80 |  |  |  | Average |  |
|                                       |      | point519 | 519 | 6,357,880.5 | 1,828,466.2 | 708.80 |  |  |  | Average |  |
|                                       |      | point520 | 520 | 6,357,797.0 | 1,828,401.8 | 707.70 |  |  |  | Average |  |
|                                       |      | point521 | 521 | 6,357,713.0 | 1,828,337.1 | 706.70 |  |  |  | Average |  |
|                                       |      | point522 | 522 | 6,357,629.0 | 1,828,272.6 | 705.60 |  |  |  | Average |  |
|                                       |      | point523 | 523 | 6,357,545.5 | 1,828,208.0 | 704.50 |  |  |  | Average |  |
|                                       |      | point524 | 524 | 6,357,461.5 | 1,828,143.5 | 703.50 |  |  |  | Average |  |
|                                       |      | point525 | 525 | 6,357,378.0 | 1,828,078.9 | 702.40 |  |  |  | Average |  |
|                                       |      | point526 | 526 | 6,357,294.0 | 1,828,014.4 | 701.40 |  |  |  | Average |  |
|                                       |      | point527 | 527 | 6,357,210.0 | 1,827,949.8 | 700.30 |  |  |  | Average |  |
|                                       |      | point528 | 528 | 6,357,126.5 | 1,827,885.1 | 699.20 |  |  |  | Average |  |
|                                       |      | point529 | 529 | 6,357,042.5 | 1,827,820.6 | 698.20 |  |  |  | Average |  |
|                                       |      | point530 | 530 | 6,356,958.5 | 1,827,756.0 | 697.10 |  |  |  | Average |  |
|                                       |      | point531 | 531 | 6,356,875.0 | 1,827,691.5 | 695.50 |  |  |  | Average |  |
|                                       |      | point532 | 532 | 6,356,791.0 | 1,827,626.9 | 692.80 |  |  |  |         |  |
| Proctor Valley Road - Proj Ent 5 to 6 | 60.0 | point890 | 890 | 6,359,518.0 | 1,831,098.8 | 836.00 |  |  |  | Average |  |
|                                       |      | point461 | 461 | 6,359,514.5 | 1,831,048.6 | 835.30 |  |  |  | Average |  |
|                                       |      | point462 | 462 | 6,359,510.0 | 1,830,998.5 | 834.10 |  |  |  | Average |  |
|                                       |      | point463 | 463 | 6,359,504.0 | 1,830,948.6 | 832.80 |  |  |  | Average |  |
|                                       |      | point464 | 464 | 6,359,496.5 | 1,830,898.9 | 831.00 |  |  |  | Average |  |
|                                       |      | point465 | 465 | 6,359,488.0 | 1,830,849.4 | 829.00 |  |  |  | Average |  |
|                                       |      | point466 | 466 | 6,359,478.0 | 1,830,800.0 | 825.70 |  |  |  | Average |  |
|                                       |      | point467 | 467 | 6,359,467.0 | 1,830,751.0 | 822.20 |  |  |  | Average |  |
|                                       |      | point468 | 468 | 6,359,455.0 | 1,830,702.2 | 818.00 |  |  |  | Average |  |
|                                       |      | point469 | 469 | 6,359,441.5 | 1,830,653.9 | 813.80 |  |  |  | Average |  |
|                                       |      | point470 | 470 | 6,359,427.0 | 1,830,605.8 | 809.70 |  |  |  | Average |  |
|                                       |      | point471 | 471 | 6,359,411.0 | 1,830,558.0 | 805.50 |  |  |  | Average |  |
|                                       |      | point472 | 472 | 6,359,394.0 | 1,830,510.8 | 801.30 |  |  |  | Average |  |
|                                       |      | point473 | 473 | 6,359,375.5 | 1,830,463.9 | 797.10 |  |  |  | Average |  |
|                                       |      | point474 | 474 | 6,359,356.0 | 1,830,417.5 | 793.00 |  |  |  | Average |  |
|                                       |      | point475 | 475 | 6,359,335.5 | 1,830,371.6 | 788.80 |  |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|                                 |      |          |     |             |             |        |  |  |  |         |  |
|---------------------------------|------|----------|-----|-------------|-------------|--------|--|--|--|---------|--|
|                                 |      | point476 | 476 | 6,359,314.0 | 1,830,326.4 | 784.70 |  |  |  | Average |  |
|                                 |      | point477 | 477 | 6,359,291.0 | 1,830,281.6 | 780.60 |  |  |  | Average |  |
|                                 |      | point478 | 478 | 6,359,235.5 | 1,830,176.4 | 772.20 |  |  |  | Average |  |
|                                 |      | point479 | 479 | 6,359,219.5 | 1,830,143.0 | 769.80 |  |  |  | Average |  |
|                                 |      | point480 | 480 | 6,359,203.5 | 1,830,105.4 | 768.00 |  |  |  | Average |  |
|                                 |      | point481 | 481 | 6,359,187.0 | 1,830,067.8 | 766.70 |  |  |  | Average |  |
|                                 |      | point482 | 482 | 6,359,164.0 | 1,830,021.8 | 765.10 |  |  |  | Average |  |
|                                 |      | point483 | 483 | 6,359,136.5 | 1,829,978.2 | 763.40 |  |  |  | Average |  |
|                                 |      | point484 | 484 | 6,359,116.5 | 1,829,950.2 | 763.10 |  |  |  |         |  |
| Proctor Valley Road - West Fork | 40.0 | point891 | 891 | 6,360,476.5 | 1,835,546.8 | 884.80 |  |  |  | Average |  |
|                                 |      | point763 | 763 | 6,360,443.5 | 1,835,500.8 | 885.50 |  |  |  | Average |  |
|                                 |      | point764 | 764 | 6,360,416.5 | 1,835,458.5 | 886.20 |  |  |  | Average |  |
|                                 |      | point765 | 765 | 6,360,393.5 | 1,835,413.6 | 886.80 |  |  |  | Average |  |
|                                 |      | point766 | 766 | 6,360,375.5 | 1,835,366.8 | 887.00 |  |  |  | Average |  |
|                                 |      | point767 | 767 | 6,360,368.0 | 1,835,342.8 | 887.20 |  |  |  | Average |  |
|                                 |      | point768 | 768 | 6,360,354.5 | 1,835,294.0 | 886.60 |  |  |  | Average |  |
|                                 |      | point769 | 769 | 6,360,341.5 | 1,835,245.4 | 885.90 |  |  |  | Average |  |
|                                 |      | point770 | 770 | 6,360,328.0 | 1,835,196.6 | 885.00 |  |  |  | Average |  |
|                                 |      | point771 | 771 | 6,360,314.5 | 1,835,148.0 | 884.00 |  |  |  | Average |  |
|                                 |      | point772 | 772 | 6,360,300.5 | 1,835,099.4 | 883.20 |  |  |  | Average |  |
|                                 |      | point773 | 773 | 6,360,285.0 | 1,835,051.4 | 882.50 |  |  |  | Average |  |
|                                 |      | point774 | 774 | 6,360,269.0 | 1,835,003.5 | 882.20 |  |  |  | Average |  |
|                                 |      | point775 | 775 | 6,360,253.0 | 1,834,955.5 | 882.50 |  |  |  | Average |  |
|                                 |      | point776 | 776 | 6,360,237.0 | 1,834,907.6 | 883.20 |  |  |  | Average |  |
|                                 |      | point777 | 777 | 6,360,226.5 | 1,834,870.4 | 883.90 |  |  |  | Average |  |
|                                 |      | point778 | 778 | 6,360,218.5 | 1,834,832.5 | 884.70 |  |  |  | Average |  |
|                                 |      | point779 | 779 | 6,360,209.5 | 1,834,780.4 | 886.50 |  |  |  | Average |  |
|                                 |      | point780 | 780 | 6,360,201.0 | 1,834,728.2 | 888.30 |  |  |  | Average |  |
|                                 |      | point781 | 781 | 6,360,192.0 | 1,834,676.0 | 890.60 |  |  |  | Average |  |
|                                 |      | point782 | 782 | 6,360,183.5 | 1,834,623.9 | 892.80 |  |  |  | Average |  |
|                                 |      | point783 | 783 | 6,360,173.5 | 1,834,572.0 | 895.00 |  |  |  | Average |  |
|                                 |      | point784 | 784 | 6,360,163.5 | 1,834,520.0 | 897.20 |  |  |  | Average |  |
|                                 |      | point785 | 785 | 6,360,153.5 | 1,834,468.1 | 899.50 |  |  |  | Average |  |
|                                 |      | point786 | 786 | 6,360,144.0 | 1,834,416.1 | 901.70 |  |  |  | Average |  |
|                                 |      | point787 | 787 | 6,360,134.0 | 1,834,364.2 | 904.00 |  |  |  | Average |  |
|                                 |      | point788 | 788 | 6,360,127.0 | 1,834,312.8 | 906.20 |  |  |  | Average |  |
|                                 |      | point789 | 789 | 6,360,125.0 | 1,834,261.0 | 908.30 |  |  |  | Average |  |
|                                 |      | point790 | 790 | 6,360,129.0 | 1,834,209.2 | 909.70 |  |  |  | Average |  |
|                                 |      | point791 | 791 | 6,360,138.0 | 1,834,158.1 | 910.90 |  |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|                                       |      |          |     |             |             |        |  |  |  |         |  |
|---------------------------------------|------|----------|-----|-------------|-------------|--------|--|--|--|---------|--|
|                                       |      | point792 | 792 | 6,360,152.0 | 1,834,108.2 | 912.20 |  |  |  | Average |  |
|                                       |      | point793 | 793 | 6,360,171.5 | 1,834,060.1 | 912.80 |  |  |  | Average |  |
|                                       |      | point794 | 794 | 6,360,474.5 | 1,833,407.5 | 907.20 |  |  |  | Average |  |
|                                       |      | point795 | 795 | 6,360,484.5 | 1,833,386.6 | 907.10 |  |  |  | Average |  |
|                                       |      | point796 | 796 | 6,360,508.0 | 1,833,346.5 | 906.90 |  |  |  | Average |  |
|                                       |      | point797 | 797 | 6,360,535.0 | 1,833,308.6 | 906.70 |  |  |  |         |  |
| Proctor Valley Road - Ent 8 to Melody | 40.0 | point876 | 876 | 6,362,537.5 | 1,836,340.0 | 910.00 |  |  |  | Average |  |
|                                       |      | point877 | 877 | 6,362,460.5 | 1,836,102.2 | 904.00 |  |  |  | Average |  |
|                                       |      | point878 | 878 | 6,361,350.0 | 1,836,103.2 | 904.20 |  |  |  | Average |  |
|                                       |      | point879 | 879 | 6,361,272.5 | 1,836,104.5 | 901.80 |  |  |  | Average |  |
|                                       |      | point880 | 880 | 6,361,198.5 | 1,836,106.0 | 901.10 |  |  |  | Average |  |
|                                       |      | point450 | 450 | 6,361,196.5 | 1,836,105.6 | 901.10 |  |  |  | Average |  |
|                                       |      | point452 | 452 | 6,361,145.0 | 1,836,103.8 | 900.90 |  |  |  | Average |  |
|                                       |      | point746 | 746 | 6,361,094.0 | 1,836,096.6 | 901.80 |  |  |  | Average |  |
|                                       |      | point747 | 747 | 6,361,044.0 | 1,836,084.2 | 901.90 |  |  |  | Average |  |
|                                       |      | point748 | 748 | 6,360,995.5 | 1,836,066.8 | 902.00 |  |  |  | Average |  |
|                                       |      | point749 | 749 | 6,360,949.0 | 1,836,044.4 | 902.10 |  |  |  | Average |  |
|                                       |      | point750 | 750 | 6,360,905.0 | 1,836,017.4 | 902.20 |  |  |  | Average |  |
|                                       |      | point751 | 751 | 6,360,864.5 | 1,835,986.0 | 901.00 |  |  |  | Average |  |
|                                       |      | point752 | 752 | 6,360,817.5 | 1,835,945.9 | 899.60 |  |  |  | Average |  |
|                                       |      | point753 | 753 | 6,360,770.5 | 1,835,905.8 | 897.60 |  |  |  | Average |  |
|                                       |      | point754 | 754 | 6,360,723.5 | 1,835,865.8 | 894.90 |  |  |  | Average |  |
|                                       |      | point755 | 755 | 6,360,705.0 | 1,835,849.5 | 893.80 |  |  |  | Average |  |
|                                       |      | point756 | 756 | 6,360,671.5 | 1,835,814.6 | 891.70 |  |  |  | Average |  |
|                                       |      | point757 | 757 | 6,360,641.5 | 1,835,776.6 | 889.60 |  |  |  | Average |  |
|                                       |      | point758 | 758 | 6,360,608.5 | 1,835,730.6 | 888.20 |  |  |  | Average |  |
|                                       |      | point759 | 759 | 6,360,575.5 | 1,835,684.6 | 887.30 |  |  |  | Average |  |
|                                       |      | point760 | 760 | 6,360,542.5 | 1,835,638.8 | 886.50 |  |  |  | Average |  |
|                                       |      | point761 | 761 | 6,360,509.5 | 1,835,592.8 | 885.50 |  |  |  | Average |  |
|                                       |      | point762 | 762 | 6,360,476.5 | 1,835,546.8 | 884.80 |  |  |  |         |  |
| Proctor Valley Road - Proj Ent 6 to 7 | 60.0 | point892 | 892 | 6,360,535.0 | 1,833,308.6 | 906.70 |  |  |  | Average |  |
|                                       |      | point798 | 798 | 6,360,565.5 | 1,833,273.4 | 906.00 |  |  |  | Average |  |
|                                       |      | point799 | 799 | 6,360,677.0 | 1,833,156.2 | 901.10 |  |  |  | Average |  |
|                                       |      | point800 | 800 | 6,360,710.0 | 1,833,117.9 | 899.00 |  |  |  | Average |  |
|                                       |      | point801 | 801 | 6,360,739.0 | 1,833,076.4 | 896.70 |  |  |  | Average |  |
|                                       |      | point802 | 802 | 6,360,763.5 | 1,833,032.1 | 894.50 |  |  |  | Average |  |
|                                       |      | point803 | 803 | 6,360,783.5 | 1,832,985.6 | 892.30 |  |  |  | Average |  |
|                                       |      | point804 | 804 | 6,360,798.5 | 1,832,937.2 | 890.50 |  |  |  | Average |  |
|                                       |      | point805 | 805 | 6,360,809.0 | 1,832,887.8 | 888.80 |  |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|  |          |     |             |             |        |  |  |  |         |  |
|--|----------|-----|-------------|-------------|--------|--|--|--|---------|--|
|  | point806 | 806 | 6,360,814.0 | 1,832,837.4 | 888.30 |  |  |  | Average |  |
|  | point807 | 807 | 6,360,814.0 | 1,832,786.8 | 887.80 |  |  |  | Average |  |
|  | point808 | 808 | 6,360,809.0 | 1,832,736.4 | 887.20 |  |  |  | Average |  |
|  | point809 | 809 | 6,360,799.0 | 1,832,686.8 | 886.80 |  |  |  | Average |  |
|  | point810 | 810 | 6,360,784.0 | 1,832,638.5 | 887.60 |  |  |  | Average |  |
|  | point811 | 811 | 6,360,722.5 | 1,832,472.2 | 893.10 |  |  |  | Average |  |
|  | point812 | 812 | 6,360,714.5 | 1,832,452.8 | 894.00 |  |  |  | Average |  |
|  | point813 | 813 | 6,360,706.0 | 1,832,433.5 | 894.90 |  |  |  | Average |  |
|  | point814 | 814 | 6,360,697.0 | 1,832,414.6 | 895.70 |  |  |  | Average |  |
|  | point815 | 815 | 6,360,686.5 | 1,832,396.1 | 896.60 |  |  |  | Average |  |
|  | point816 | 816 | 6,360,676.0 | 1,832,378.1 | 897.60 |  |  |  | Average |  |
|  | point817 | 817 | 6,360,664.0 | 1,832,360.6 | 898.70 |  |  |  | Average |  |
|  | point818 | 818 | 6,360,652.0 | 1,832,343.5 | 900.40 |  |  |  | Average |  |
|  | point819 | 819 | 6,360,639.0 | 1,832,327.0 | 898.00 |  |  |  | Average |  |
|  | point820 | 820 | 6,360,469.5 | 1,832,122.2 | 908.10 |  |  |  | Average |  |
|  | point821 | 821 | 6,360,452.5 | 1,832,102.6 | 908.40 |  |  |  | Average |  |
|  | point822 | 822 | 6,360,435.0 | 1,832,083.8 | 908.80 |  |  |  | Average |  |
|  | point823 | 823 | 6,360,416.5 | 1,832,065.6 | 909.10 |  |  |  | Average |  |
|  | point824 | 824 | 6,360,397.0 | 1,832,048.4 | 909.50 |  |  |  | Average |  |
|  | point825 | 825 | 6,360,377.0 | 1,832,032.0 | 909.80 |  |  |  | Average |  |
|  | point826 | 826 | 6,360,356.0 | 1,832,016.5 | 910.10 |  |  |  | Average |  |
|  | point827 | 827 | 6,360,335.0 | 1,832,001.9 | 910.20 |  |  |  | Average |  |
|  | point828 | 828 | 6,360,313.0 | 1,831,988.1 | 910.00 |  |  |  | Average |  |
|  | point829 | 829 | 6,360,290.0 | 1,831,975.4 | 909.80 |  |  |  | Average |  |
|  | point830 | 830 | 6,360,267.0 | 1,831,963.8 | 909.60 |  |  |  | Average |  |
|  | point831 | 831 | 6,359,717.0 | 1,831,699.0 | 876.40 |  |  |  | Average |  |
|  | point832 | 832 | 6,359,693.5 | 1,831,686.6 | 874.40 |  |  |  | Average |  |
|  | point833 | 833 | 6,359,671.0 | 1,831,672.4 | 872.30 |  |  |  | Average |  |
|  | point834 | 834 | 6,359,649.5 | 1,831,656.5 | 870.30 |  |  |  | Average |  |
|  | point835 | 835 | 6,359,629.5 | 1,831,639.1 | 868.20 |  |  |  | Average |  |
|  | point836 | 836 | 6,359,611.0 | 1,831,620.2 | 866.20 |  |  |  | Average |  |
|  | point837 | 837 | 6,359,593.5 | 1,831,599.9 | 864.10 |  |  |  | Average |  |
|  | point838 | 838 | 6,359,578.0 | 1,831,578.4 | 862.00 |  |  |  | Average |  |
|  | point839 | 839 | 6,359,564.0 | 1,831,555.8 | 860.00 |  |  |  | Average |  |
|  | point840 | 840 | 6,359,552.0 | 1,831,532.1 | 857.80 |  |  |  | Average |  |
|  | point841 | 841 | 6,359,541.5 | 1,831,507.6 | 855.00 |  |  |  | Average |  |
|  | point842 | 842 | 6,359,533.0 | 1,831,482.4 | 852.40 |  |  |  | Average |  |
|  | point843 | 843 | 6,359,526.5 | 1,831,456.6 | 851.00 |  |  |  | Average |  |
|  | point453 | 453 | 6,359,522.0 | 1,831,430.4 | 849.50 |  |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|                                     |      |          |     |             |             |        |  |  |  |         |  |
|-------------------------------------|------|----------|-----|-------------|-------------|--------|--|--|--|---------|--|
|                                     |      | point454 | 454 | 6,359,519.5 | 1,831,403.9 | 847.60 |  |  |  | Average |  |
|                                     |      | point455 | 455 | 6,359,519.0 | 1,831,377.2 | 845.70 |  |  |  | Average |  |
|                                     |      | point456 | 456 | 6,359,519.0 | 1,831,350.9 | 844.60 |  |  |  | Average |  |
|                                     |      | point457 | 457 | 6,359,521.0 | 1,831,249.5 | 840.40 |  |  |  | Average |  |
|                                     |      | point458 | 458 | 6,359,521.5 | 1,831,199.2 | 838.00 |  |  |  | Average |  |
|                                     |      | point459 | 459 | 6,359,520.5 | 1,831,149.0 | 836.90 |  |  |  | Average |  |
|                                     |      | point460 | 460 | 6,359,518.0 | 1,831,098.8 | 836.00 |  |  |  |         |  |
| Proctor Valley Rd - Ent 8 to Melody | 40.0 | point894 | 894 | 6,360,868.0 | 1,834,920.0 | 908.80 |  |  |  | Average |  |
|                                     |      | point865 | 865 | 6,360,849.0 | 1,834,975.9 | 905.90 |  |  |  | Average |  |
|                                     |      | point866 | 866 | 6,360,820.5 | 1,835,031.9 | 902.60 |  |  |  | Average |  |
|                                     |      | point867 | 867 | 6,360,794.0 | 1,835,089.8 | 899.20 |  |  |  | Average |  |
|                                     |      | point868 | 868 | 6,360,762.5 | 1,835,145.4 | 896.00 |  |  |  | Average |  |
|                                     |      | point869 | 869 | 6,360,662.0 | 1,835,308.8 | 889.20 |  |  |  | Average |  |
|                                     |      | point870 | 870 | 6,360,643.0 | 1,835,337.8 | 888.10 |  |  |  | Average |  |
|                                     |      | point871 | 871 | 6,360,622.5 | 1,835,365.6 | 887.30 |  |  |  | Average |  |
|                                     |      | point872 | 872 | 6,360,591.0 | 1,835,402.4 | 886.40 |  |  |  | Average |  |
|                                     |      | point873 | 873 | 6,360,556.5 | 1,835,436.6 | 885.70 |  |  |  | Average |  |
|                                     |      | point874 | 874 | 6,360,529.5 | 1,835,460.1 | 885.40 |  |  |  | Average |  |
|                                     |      | point875 | 875 | 6,360,503.5 | 1,835,480.4 | 885.10 |  |  |  | Average |  |
|                                     |      | point846 | 846 | 6,360,457.0 | 1,835,513.6 | 884.50 |  |  |  |         |  |

INPUT: TRAFFIC FOR LAeq1h Percentages

8207

|                                       |                                      |     |         |       |     |         |     |         |     |       |     |             |     |
|---------------------------------------|--------------------------------------|-----|---------|-------|-----|---------|-----|---------|-----|-------|-----|-------------|-----|
| Dudek                                 |                                      |     |         |       |     |         |     |         |     |       |     |             |     |
| M Greene                              |                                      |     |         |       |     |         |     |         |     |       |     |             |     |
|                                       |                                      |     |         |       |     |         |     |         |     |       |     |             |     |
| INPUT: TRAFFIC FOR LAeq1h Percentages |                                      |     |         |       |     |         |     |         |     |       |     |             |     |
| PROJECT/CONTRACT:                     | 8207                                 |     |         |       |     |         |     |         |     |       |     |             |     |
| RUN:                                  | QtyRnchV14PrctrVlly2030wProjRev 0817 |     |         |       |     |         |     |         |     |       |     |             |     |
| Roadway                               | Points                               |     |         |       |     |         |     |         |     |       |     |             |     |
| Name                                  | Name                                 | No. | Segment |       |     |         |     |         |     |       |     |             |     |
|                                       |                                      |     | Total   | Autos |     | MTrucks |     | HTrucks |     | Buses |     | Motorcycles |     |
|                                       |                                      |     | Volume  | P     | S   | P       | S   | P       | S   | P     | S   | P           | S   |
|                                       |                                      |     | veh/hr  | %     | mph | %       | mph | %       | mph | %     | mph | %           | mph |
| Melody Road - Proctor Vly Rd - SR-94  | point379                             | 379 | 550     | 97    | 40  | 2       | 40  | 0       | 0   | 1     | 40  | 0           | 0   |
|                                       | point380                             | 380 |         |       |     |         |     |         |     |       |     |             |     |
| PrctrVllyRd - Melody Rd-SchleeCyn Rd  | point381                             | 381 | 690     | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point382                             | 382 |         |       |     |         |     |         |     |       |     |             |     |
| PrctrVllyRd - SchleeCyn Rd-MaxfieldRd | point383                             | 383 | 560     | 97    | 40  | 2       | 40  | 0       | 0   | 1     | 40  | 0           | 0   |
|                                       | point384                             | 384 |         |       |     |         |     |         |     |       |     |             |     |
| Proctor Valley Rd-HuntePkyw-Northwd   | point385                             | 385 | 2550    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point387                             | 387 | 2550    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point445                             | 445 | 2550    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point444                             | 444 | 2550    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point386                             | 386 |         |       |     |         |     |         |     |       |     |             |     |
| Proctor Valley Rd-Lane Ave-HuntePkyw  | point388                             | 388 | 3020    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point434                             | 434 | 3020    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point389                             | 389 |         |       |     |         |     |         |     |       |     |             |     |
| Proctor Valley Rd-MtMglRd - Lane Ave  | point390                             | 390 | 4040    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point392                             | 392 | 4040    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point430                             | 430 | 4040    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point431                             | 431 | 4040    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point391                             | 391 |         |       |     |         |     |         |     |       |     |             |     |
| SnMglRnch/Mt MglRd-SR125-PrctrVlly    | point394                             | 394 | 1070    | 97    | 40  | 2       | 40  | 0       | 0   | 1     | 40  | 0           | 0   |
|                                       | point428                             | 428 | 1070    | 97    | 40  | 2       | 40  | 0       | 0   | 1     | 40  | 0           | 0   |
|                                       | point395                             | 395 |         |       |     |         |     |         |     |       |     |             |     |
| SanMglRnchRd-PrctrVllyRd - SR-125     | point396                             | 396 | 1460    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|                                      |          |     |      |    |    |   |    |   |   |   |    |   |   |
|--------------------------------------|----------|-----|------|----|----|---|----|---|---|---|----|---|---|
|                                      | point423 | 423 | 1460 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point424 | 424 | 1460 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point426 | 426 | 1460 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point397 | 397 |      |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Rd-SR125 - MtMglRd    | point398 | 398 | 3080 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point429 | 429 | 3080 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point399 | 399 |      |    |    |   |    |   |   |   |    |   |   |
| Northwoods Dr - ProctrVlly-BlueRdgDr | point400 | 400 | 120  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point446 | 446 | 120  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point447 | 447 | 120  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point448 | 448 | 120  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point401 | 401 |      |    |    |   |    |   |   |   |    |   |   |
| Hunte Pkwy-PrctrVllyRd - OtayLksRd   | point402 | 402 | 1140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point437 | 437 | 1140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point435 | 435 | 1140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point436 | 436 | 1140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point406 | 406 | 1140 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point403 | 403 |      |    |    |   |    |   |   |   |    |   |   |
| Hunte Pkwy-OtayLksRd-OlmpcPkwy       | point407 | 407 | 1850 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point438 | 438 | 1850 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point439 | 439 | 1850 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point440 | 440 | 1850 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point409 | 409 | 1850 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point408 | 408 |      |    |    |   |    |   |   |   |    |   |   |
| Hunte Pkwy-OlmpcPkwy-EastlkPkwy      | point410 | 410 | 3540 | 97 | 50 | 2 | 50 | 0 | 0 | 1 | 50 | 0 | 0 |
|                                      | point412 | 412 | 3540 | 97 | 50 | 2 | 50 | 0 | 0 | 1 | 50 | 0 | 0 |
|                                      | point441 | 441 | 3540 | 97 | 50 | 2 | 50 | 0 | 0 | 1 | 50 | 0 | 0 |
|                                      | point442 | 442 | 3540 | 97 | 50 | 2 | 50 | 0 | 0 | 1 | 50 | 0 | 0 |
|                                      | point443 | 443 | 3540 | 97 | 50 | 2 | 50 | 0 | 0 | 1 | 50 | 0 | 0 |
|                                      | point411 | 411 |      |    |    |   |    |   |   |   |    |   |   |
| Lane Ave PrctrVllyRd-OtayLksRd       | point415 | 415 | 1440 | 97 | 40 | 2 | 40 | 0 | 0 | 1 | 40 | 0 | 0 |
|                                      | point433 | 433 | 1440 | 97 | 40 | 2 | 40 | 0 | 0 | 1 | 40 | 0 | 0 |
|                                      | point432 | 432 | 1440 | 97 | 40 | 2 | 40 | 0 | 0 | 1 | 40 | 0 | 0 |
|                                      | point416 | 416 |      |    |    |   |    |   |   |   |    |   |   |
| PrctrVllyRd - MaxfieldRd to SR-94    | point421 | 421 | 550  | 97 | 40 | 2 | 40 | 0 | 0 | 1 | 40 | 0 | 0 |
|                                      | point449 | 449 | 550  | 97 | 40 | 2 | 40 | 0 | 0 | 1 | 40 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|                                           |          |     |      |    |    |   |    |   |   |   |    |   |   |
|-------------------------------------------|----------|-----|------|----|----|---|----|---|---|---|----|---|---|
|                                           | point422 | 422 |      |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Rd - Ent 7 to Ent 8        | point845 | 845 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point847 | 847 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point848 | 848 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point849 | 849 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point850 | 850 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point851 | 851 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point852 | 852 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point853 | 853 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point854 | 854 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point855 | 855 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point856 | 856 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point857 | 857 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point858 | 858 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point859 | 859 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point860 | 860 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point861 | 861 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point862 | 862 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point863 | 863 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point864 | 864 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point893 | 893 |      |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Road - Ent 8 to Melody     | point881 | 881 | 690  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point882 | 882 | 690  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point883 | 883 |      |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Road - Proj Ent 1 to Chula | point884 | 884 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point602 | 602 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point603 | 603 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point604 | 604 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point605 | 605 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point606 | 606 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point607 | 607 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point608 | 608 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point609 | 609 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point610 | 610 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point611 | 611 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point612 | 612 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|  |          |     |      |    |    |   |    |   |   |   |    |   |   |
|--|----------|-----|------|----|----|---|----|---|---|---|----|---|---|
|  | point613 | 613 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point614 | 614 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point615 | 615 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point616 | 616 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point617 | 617 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point618 | 618 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point619 | 619 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point620 | 620 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point621 | 621 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point622 | 622 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point623 | 623 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point624 | 624 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point625 | 625 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point626 | 626 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point627 | 627 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point628 | 628 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point629 | 629 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point630 | 630 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point631 | 631 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point632 | 632 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point633 | 633 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point634 | 634 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point635 | 635 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point636 | 636 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point637 | 637 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point638 | 638 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point639 | 639 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point640 | 640 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point641 | 641 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point642 | 642 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point643 | 643 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point644 | 644 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point645 | 645 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point646 | 646 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point647 | 647 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point648 | 648 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|  |          |     |      |    |    |   |    |   |   |   |    |   |   |
|--|----------|-----|------|----|----|---|----|---|---|---|----|---|---|
|  | point649 | 649 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point650 | 650 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point651 | 651 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point652 | 652 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point653 | 653 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point654 | 654 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point655 | 655 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point656 | 656 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point657 | 657 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point658 | 658 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point659 | 659 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point660 | 660 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point661 | 661 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point662 | 662 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point663 | 663 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point664 | 664 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point665 | 665 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point666 | 666 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point667 | 667 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point668 | 668 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point669 | 669 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point670 | 670 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point671 | 671 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point672 | 672 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point673 | 673 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point674 | 674 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point675 | 675 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point676 | 676 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point677 | 677 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point678 | 678 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point679 | 679 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point680 | 680 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point681 | 681 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point682 | 682 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point683 | 683 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point684 | 684 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|                                       |          |     |      |    |    |   |    |   |   |   |    |   |   |
|---------------------------------------|----------|-----|------|----|----|---|----|---|---|---|----|---|---|
|                                       | point685 | 685 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point686 | 686 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point687 | 687 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point688 | 688 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point689 | 689 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point690 | 690 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point691 | 691 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point692 | 692 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point693 | 693 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point694 | 694 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point695 | 695 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point696 | 696 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point697 | 697 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point698 | 698 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point699 | 699 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point700 | 700 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point701 | 701 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point702 | 702 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point703 | 703 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point704 | 704 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point705 | 705 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point706 | 706 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point707 | 707 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point708 | 708 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point709 | 709 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point710 | 710 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point711 | 711 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point712 | 712 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point713 | 713 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point714 | 714 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point715 | 715 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point716 | 716 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point717 | 717 |      |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Road - Proj Ent 1 to 2 | point886 | 886 | 2770 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point592 | 592 | 2770 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point593 | 593 | 2770 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|                                       |          |     |      |    |    |   |    |   |   |   |    |   |   |
|---------------------------------------|----------|-----|------|----|----|---|----|---|---|---|----|---|---|
|                                       | point594 | 594 | 2770 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point595 | 595 | 2770 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point596 | 596 | 2770 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point597 | 597 | 2770 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point598 | 598 | 2770 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point599 | 599 | 2770 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point885 | 885 | 2770 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point601 | 601 |      |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Road - Proj Ent 2 to 3 | point887 | 887 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point551 | 551 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point552 | 552 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point553 | 553 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point554 | 554 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point555 | 555 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point556 | 556 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point557 | 557 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point558 | 558 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point559 | 559 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point560 | 560 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point561 | 561 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point562 | 562 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point563 | 563 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point564 | 564 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point565 | 565 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point566 | 566 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point567 | 567 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point568 | 568 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point569 | 569 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point570 | 570 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point571 | 571 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point572 | 572 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point573 | 573 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point574 | 574 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point575 | 575 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point576 | 576 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point577 | 577 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|                                       |          |     |      |    |    |   |    |   |   |   |    |   |   |
|---------------------------------------|----------|-----|------|----|----|---|----|---|---|---|----|---|---|
|                                       | point578 | 578 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point579 | 579 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point580 | 580 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point581 | 581 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point582 | 582 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point583 | 583 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point584 | 584 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point585 | 585 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point586 | 586 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point587 | 587 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point588 | 588 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point589 | 589 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point590 | 590 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point591 | 591 |      |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Road - Proj Ent 3 to 4 | point888 | 888 | 2390 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point533 | 533 | 2390 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point534 | 534 | 2390 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point535 | 535 | 2390 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point536 | 536 | 2390 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point537 | 537 | 2390 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point538 | 538 | 2390 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point539 | 539 | 2390 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point540 | 540 | 2390 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point541 | 541 | 2390 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point542 | 542 | 2390 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point543 | 543 | 2390 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point544 | 544 | 2390 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point545 | 545 | 2390 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point546 | 546 | 2390 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point547 | 547 | 2390 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point548 | 548 | 2390 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point549 | 549 | 2390 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point550 | 550 |      |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Road - Proj Ent 4 to 5 | point889 | 889 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point485 | 485 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point486 | 486 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|  |          |     |      |    |    |   |    |   |   |   |    |   |   |
|--|----------|-----|------|----|----|---|----|---|---|---|----|---|---|
|  | point487 | 487 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point488 | 488 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point489 | 489 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point490 | 490 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point491 | 491 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point492 | 492 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point493 | 493 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point494 | 494 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point495 | 495 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point496 | 496 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point497 | 497 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point498 | 498 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point499 | 499 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point500 | 500 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point501 | 501 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point502 | 502 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point503 | 503 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point504 | 504 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point505 | 505 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point506 | 506 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point507 | 507 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point508 | 508 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point509 | 509 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point510 | 510 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point511 | 511 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point512 | 512 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point513 | 513 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point514 | 514 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point515 | 515 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point516 | 516 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point517 | 517 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point518 | 518 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point519 | 519 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point520 | 520 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point521 | 521 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point522 | 522 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|                                       |          |     |      |    |    |   |    |   |   |   |    |   |   |
|---------------------------------------|----------|-----|------|----|----|---|----|---|---|---|----|---|---|
|                                       | point523 | 523 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point524 | 524 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point525 | 525 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point526 | 526 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point527 | 527 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point528 | 528 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point529 | 529 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point530 | 530 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point531 | 531 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point532 | 532 |      |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Road - Proj Ent 5 to 6 | point890 | 890 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point461 | 461 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point462 | 462 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point463 | 463 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point464 | 464 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point465 | 465 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point466 | 466 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point467 | 467 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point468 | 468 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point469 | 469 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point470 | 470 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point471 | 471 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point472 | 472 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point473 | 473 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point474 | 474 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point475 | 475 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point476 | 476 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point477 | 477 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point478 | 478 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point479 | 479 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point480 | 480 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point481 | 481 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point482 | 482 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point483 | 483 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point484 | 484 |      |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Road - West Fork       | point891 | 891 | 0    | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|                                       |          |     |     |    |    |   |    |   |   |   |    |   |   |
|---------------------------------------|----------|-----|-----|----|----|---|----|---|---|---|----|---|---|
|                                       | point763 | 763 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point764 | 764 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point765 | 765 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point766 | 766 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point767 | 767 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point768 | 768 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point769 | 769 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point770 | 770 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point771 | 771 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point772 | 772 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point773 | 773 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point774 | 774 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point775 | 775 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point776 | 776 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point777 | 777 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point778 | 778 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point779 | 779 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point780 | 780 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point781 | 781 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point782 | 782 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point783 | 783 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point784 | 784 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point785 | 785 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point786 | 786 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point787 | 787 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point788 | 788 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point789 | 789 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point790 | 790 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point791 | 791 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point792 | 792 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point793 | 793 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point794 | 794 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point795 | 795 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point796 | 796 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point797 | 797 |     |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Road - Ent 8 to Melody | point876 | 876 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|                                       |          |     |     |    |    |   |    |   |   |   |    |   |   |
|---------------------------------------|----------|-----|-----|----|----|---|----|---|---|---|----|---|---|
|                                       | point877 | 877 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point878 | 878 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point879 | 879 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point880 | 880 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point450 | 450 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point452 | 452 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point746 | 746 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point747 | 747 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point748 | 748 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point749 | 749 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point750 | 750 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point751 | 751 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point752 | 752 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point753 | 753 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point754 | 754 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point755 | 755 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point756 | 756 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point757 | 757 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point758 | 758 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point759 | 759 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point760 | 760 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point761 | 761 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point762 | 762 |     |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Road - Proj Ent 6 to 7 | point892 | 892 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point798 | 798 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point799 | 799 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point800 | 800 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point801 | 801 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point802 | 802 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point803 | 803 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point804 | 804 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point805 | 805 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point806 | 806 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point807 | 807 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point808 | 808 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point809 | 809 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|  |          |     |     |    |    |   |    |   |   |   |    |   |   |
|--|----------|-----|-----|----|----|---|----|---|---|---|----|---|---|
|  | point810 | 810 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point811 | 811 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point812 | 812 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point813 | 813 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point814 | 814 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point815 | 815 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point816 | 816 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point817 | 817 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point818 | 818 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point819 | 819 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point820 | 820 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point821 | 821 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point822 | 822 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point823 | 823 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point824 | 824 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point825 | 825 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point826 | 826 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point827 | 827 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point828 | 828 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point829 | 829 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point830 | 830 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point831 | 831 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point832 | 832 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point833 | 833 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point834 | 834 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point835 | 835 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point836 | 836 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point837 | 837 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point838 | 838 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point839 | 839 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point840 | 840 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point841 | 841 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point842 | 842 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point843 | 843 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point453 | 453 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point454 | 454 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|                                     |          |     |     |    |    |   |    |   |   |   |    |   |   |
|-------------------------------------|----------|-----|-----|----|----|---|----|---|---|---|----|---|---|
|                                     | point455 | 455 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point456 | 456 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point457 | 457 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point458 | 458 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point459 | 459 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point460 | 460 |     |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Rd - Ent 8 to Melody | point894 | 894 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point865 | 865 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point866 | 866 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point867 | 867 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point868 | 868 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point869 | 869 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point870 | 870 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point871 | 871 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point872 | 872 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point873 | 873 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point874 | 874 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point875 | 875 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point846 | 846 |     |    |    |   |    |   |   |   |    |   |   |

**INPUT: RECEIVERS**
**8207**

|                                        |                                             |             |                             |             |          |               |                                        |                        |              |             |               |
|----------------------------------------|---------------------------------------------|-------------|-----------------------------|-------------|----------|---------------|----------------------------------------|------------------------|--------------|-------------|---------------|
| Dudek                                  |                                             |             |                             |             |          |               |                                        |                        |              |             |               |
| M Greene                               |                                             |             |                             |             |          |               |                                        |                        |              |             |               |
|                                        |                                             |             |                             |             |          |               |                                        |                        |              |             |               |
| <b>INPUT: RECEIVERS</b>                |                                             |             |                             |             |          |               |                                        |                        |              |             |               |
| <b>PROJECT/CONTRACT:</b>               | <b>8207</b>                                 |             |                             |             |          |               |                                        |                        |              |             |               |
| <b>RUN:</b>                            | <b>OtyRnchV14PrctrVlly2030wProjRev 0817</b> |             |                             |             |          |               |                                        |                        |              |             |               |
| <b>Receiver</b>                        |                                             |             |                             |             |          |               |                                        |                        |              |             |               |
| <b>Name</b>                            | <b>No.</b>                                  | <b>#DUs</b> | <b>Coordinates (ground)</b> |             |          | <b>Height</b> | <b>Input Sound Levels and Criteria</b> |                        |              |             | <b>Active</b> |
|                                        |                                             |             | <b>X</b>                    | <b>Y</b>    | <b>Z</b> | <b>above</b>  | <b>Existing</b>                        | <b>Impact Criteria</b> |              | <b>NR</b>   | <b>in</b>     |
|                                        |                                             |             |                             |             |          | <b>Ground</b> | <b>LAeq1h</b>                          | <b>LAeq1h</b>          | <b>Sub'l</b> | <b>Goal</b> | <b>Calc.</b>  |
|                                        |                                             |             | ft                          | ft          | ft       | ft            | dBA                                    | dBA                    | dB           | dB          |               |
| R1 San MiguelRnchRd W of SR125         | 3                                           | 1           | 6,336,436.0                 | 1,822,219.6 | 468.00   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| R2 MtMiguelRd - ProctorVlly-SnMgl      | 5                                           | 1           | 6,339,900.0                 | 1,821,486.4 | 615.00   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| R3 PrctrVlly Rd SR15 - MtMiguelRd      | 7                                           | 1           | 6,339,003.0                 | 1,820,430.0 | 582.00   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| R4 MtMglRd - Lane Ave                  | 9                                           | 1           | 6,340,321.0                 | 1,820,500.0 | 616.00   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| R5 Lane Ave - PrctrVllyRd-OtayLksRd    | 11                                          | 1           | 6,343,360.0                 | 1,820,300.0 | 634.00   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| R6 PrctrVllyRd-Lane Ave-HuntePkwy      | 13                                          | 1           | 6,344,053.0                 | 1,820,475.0 | 668.00   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| R7 HuntePkwy-PrctrVllyRd-OtyLksRd      | 15                                          | 1           | 6,344,700.5                 | 1,819,652.4 | 618.00   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| R8 HuntePkwy-OtyLksRd-OlmpcPkwy        | 17                                          | 1           | 6,344,900.0                 | 1,816,970.0 | 628.50   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| R9 HuntePkwy-OlmpcPkwy-EastlkPkwy      | 19                                          | 1           | 6,344,665.0                 | 1,809,346.0 | 479.00   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| R10 PrctrVllyRd-HuntePkyw-Nrthwd       | 21                                          | 1           | 6,346,300.5                 | 1,820,440.0 | 717.50   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| R11 NrthwdsDr-ProctrVlly-BlueRdgDr     | 23                                          | 1           | 6,348,750.5                 | 1,819,747.5 | 671.50   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| M4 / R12 PrctrVlly Rd w of NrthwdsDr   | 27                                          | 1           | 6,348,497.0                 | 1,820,845.9 | 662.00   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| M6 / R13 SnMglRnchRd e of SR125        | 29                                          | 1           | 6,339,505.5                 | 1,822,497.2 | 625.00   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| M8 / R14 PrctrVlly Rd n of Project     | 31                                          | 1           | 6,361,958.0                 | 1,836,218.8 | 908.00   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| M9 / R15 PrtrVllyRd-Melody Rd-SchleeC  | 33                                          | 1           | 6,368,071.5                 | 1,836,854.1 | 1,024.00 | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| M10 / R16 MidyRd - PrctrVllyRd - SR-94 | 35                                          | 1           | 6,370,177.0                 | 1,836,423.4 | 978.00   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| M11 / R17 PrctrVllyRd-SchleeCyn Rd-Mx  | 37                                          | 1           | 6,368,788.5                 | 1,838,925.6 | 1,050.00 | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| R18 PrctrVllyRd - MaxfieldRd to SR-94  | 39                                          | 1           | 6,371,215.0                 | 1,839,505.0 | 1,020.00 | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| R19 P-1                                | 100                                         | 1           | 6,354,456.5                 | 1,823,499.0 | 607.00   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| R20 R-4 southwest side                 | 101                                         | 1           | 6,354,558.0                 | 1,823,693.1 | 611.50   | 5.00          | 0.00                                   | 60                     | 1.0          | 8.0         |               |
| R21 R-4 west side                      | 102                                         | 1           | 6,354,724.0                 | 1,823,907.5 | 614.00   | 5.00          | 0.00                                   | 60                     | 1.0          | 8.0         |               |
| R22 R-4 northwest side                 | 103                                         | 1           | 6,354,895.0                 | 1,824,260.4 | 617.50   | 5.00          | 0.00                                   | 60                     | 1.0          | 8.0         |               |

**INPUT: RECEIVERS****8207**

|                               |     |   |             |             |        |      |      |    |      |     |  |
|-------------------------------|-----|---|-------------|-------------|--------|------|------|----|------|-----|--|
| R23 R-5 Lot 10 southwest side | 104 | 1 | 6,356,039.0 | 1,826,086.0 | 666.00 | 5.00 | 0.00 | 60 | 1.0  | 8.0 |  |
| R24 R-5 Lot 5 west side       | 105 | 1 | 6,356,020.5 | 1,826,361.2 | 660.40 | 5.00 | 0.00 | 60 | 1.0  | 8.0 |  |
| R25 R-5 PPP-1 northwest side  | 106 | 1 | 6,356,118.5 | 1,826,646.5 | 652.00 | 5.00 | 0.00 | 65 | 1.0  | 8.0 |  |
| R26 R-12 Park south side      | 107 | 1 | 6,355,945.5 | 1,827,033.9 | 655.00 | 5.00 | 0.00 | 65 | 1.0  | 8.0 |  |
| R27 S-1 School southwest side | 108 | 1 | 6,356,228.5 | 1,826,927.2 | 654.00 | 5.00 | 0.00 | 65 | 1.0  | 8.0 |  |
| R28 R-12 Park north side      | 109 | 1 | 6,356,079.0 | 1,827,190.6 | 657.00 | 5.00 | 0.00 | 65 | 1.0  | 8.0 |  |
| R29 S-1 School west side      | 110 | 1 | 6,356,557.0 | 1,827,223.8 | 669.00 | 5.00 | 0.00 | 65 | 1.0  | 8.0 |  |
| R30 S-1 School northwest side | 111 | 1 | 6,356,790.5 | 1,827,436.0 | 679.00 | 5.00 | 0.00 | 65 | 1.0  | 8.0 |  |
| R31 P-2 park                  | 112 | 1 | 6,356,626.5 | 1,827,662.9 | 695.50 | 5.00 | 0.00 | 65 | 1.0  | 8.0 |  |
| R32 MU-1                      | 113 | 1 | 6,357,022.5 | 1,827,640.1 | 696.00 | 5.00 | 0.00 | 65 | 1.0  | 8.0 |  |
| R33 R-10 Lot 6                | 114 | 1 | 6,358,835.5 | 1,829,554.6 | 754.00 | 5.00 | 0.00 | 60 | 1.0  | 8.0 |  |
| R34 R-10 Lot 4                | 115 | 1 | 6,358,922.0 | 1,829,724.8 | 761.00 | 5.00 | 0.00 | 60 | 1.0  | 8.0 |  |
| R35 R-10 Lot 2                | 116 | 1 | 6,358,998.0 | 1,829,870.5 | 768.50 | 5.00 | 0.00 | 60 | 1.0  | 8.0 |  |
| R36 R-11 PP-4                 | 117 | 1 | 6,359,091.0 | 1,830,099.8 | 769.50 | 5.00 | 0.00 | 65 | 1.0  | 8.0 |  |
| R37 R-11 Lot 54               | 118 | 1 | 6,359,253.0 | 1,830,336.1 | 794.00 | 5.00 | 0.00 | 60 | 1.0  | 8.0 |  |
| R38 R-11 Lot 58               | 119 | 1 | 6,359,394.0 | 1,830,700.5 | 821.00 | 5.00 | 0.00 | 60 | 1.0  | 8.0 |  |
| R39 R-11 Lot 61               | 120 | 1 | 6,359,453.0 | 1,831,009.2 | 837.50 | 5.00 | 0.00 | 60 | 1.0  | 8.0 |  |
| R40 R-11 Lot 1                | 121 | 1 | 6,359,450.0 | 1,831,202.1 | 844.00 | 5.00 | 0.00 | 60 | 1.0  | 8.0 |  |
| R41 R-11 Lot 4                | 122 | 1 | 6,359,450.5 | 1,831,470.0 | 864.00 | 5.00 | 0.00 | 60 | 1.0  | 8.0 |  |
| R42 R-11 Lot 6                | 123 | 1 | 6,359,446.0 | 1,831,682.4 | 877.50 | 5.00 | 0.00 | 60 | 1.0  | 8.0 |  |
| R43 R-11 Lot 8                | 124 | 1 | 6,359,465.0 | 1,831,973.5 | 895.50 | 5.00 | 0.00 | 60 | 1.0  | 8.0 |  |
| R44 R-14 Lot 64               | 125 | 1 | 6,361,053.0 | 1,833,915.5 | 944.80 | 5.00 | 0.00 | 60 | 1.0  | 8.0 |  |
| R45 R-14 Lot 28               | 126 | 1 | 6,360,942.0 | 1,834,076.0 | 945.00 | 5.00 | 0.00 | 60 | 1.0  | 8.0 |  |
| R46 R-14 open space           | 127 | 1 | 6,361,003.5 | 1,834,478.8 | 962.00 | 5.00 | 0.00 | 65 | 1.0  | 8.0 |  |
| R47 R-14 Lot 27               | 128 | 1 | 6,360,911.0 | 1,834,870.4 | 918.80 | 5.00 | 0.00 | 60 | 1.0  | 8.0 |  |
| R48 R-14 Lot 2                | 129 | 1 | 6,360,871.5 | 1,835,014.0 | 915.80 | 5.00 | 0.00 | 60 | 1.0  | 8.0 |  |
| R49 R-14 Lot 1                | 130 | 1 | 6,360,814.5 | 1,834,957.2 | 909.70 | 5.00 | 0.00 | 60 | 1.0  | 8.0 |  |
| R50 R-14 P-4                  | 131 | 1 | 6,360,680.5 | 1,835,123.4 | 900.00 | 5.00 | 0.00 | 60 | 1.0  | 8.0 |  |
| R51 R-13 Lot 1                | 132 | 1 | 6,360,505.0 | 1,835,675.9 | 900.00 | 5.00 | 0.00 | 60 | 0.0  | 8.0 |  |
| R52 R-13 Lot 9                | 133 | 1 | 6,360,673.5 | 1,835,730.4 | 898.00 | 5.00 | 0.00 | 60 | 0.0  | 8.0 |  |
| R53 R-13 Lot 8                | 134 | 1 | 6,360,565.5 | 1,835,794.2 | 909.70 | 5.00 | 0.00 | 60 | 0.0  | 8.0 |  |
| R54 R-13 Lot 10               | 135 | 1 | 6,360,785.0 | 1,835,859.2 | 903.80 | 5.00 | 0.00 | 60 | 0.0  | 8.0 |  |
| R55 R-13 Lot 11               | 136 | 1 | 6,361,005.5 | 1,836,025.0 | 907.00 | 5.00 | 0.00 | 60 | 0.0  | 8.0 |  |
| R56 R-13 Lot 12               | 138 | 1 | 6,361,179.0 | 1,836,059.1 | 906.00 | 5.00 | 0.00 | 66 | 10.0 | 8.0 |  |

## INPUT: BARRIERS

8207

|                   |                                      |        |       |                  |                   |           |          |                    |          |     |               |             |        |                 |         |        |          |    |           |
|-------------------|--------------------------------------|--------|-------|------------------|-------------------|-----------|----------|--------------------|----------|-----|---------------|-------------|--------|-----------------|---------|--------|----------|----|-----------|
| Dudek             |                                      |        |       |                  | 12 September 2017 |           |          |                    |          |     |               |             |        |                 |         |        |          |    |           |
| M Greene          |                                      |        |       |                  | TNM 2.5           |           |          |                    |          |     |               |             |        |                 |         |        |          |    |           |
| INPUT: BARRIERS   |                                      |        |       |                  |                   |           |          |                    |          |     |               |             |        |                 |         |        |          |    |           |
| PROJECT/CONTRACT: | 8207                                 |        |       |                  |                   |           |          |                    |          |     |               |             |        |                 |         |        |          |    |           |
| RUN:              | QtyRnchV14PrctrVily2030wProjRev 0817 |        |       |                  |                   |           |          |                    |          |     |               |             |        |                 |         |        |          |    |           |
| Barrier           |                                      |        |       |                  |                   |           |          |                    |          |     |               |             |        |                 |         |        |          |    |           |
| Name              | Type                                 | Height |       | If Wall          | If Berm           |           |          | Add'tnl            | Points   |     |               |             |        |                 |         |        |          |    |           |
|                   |                                      | Min    | Max   | \$ per Unit Area | \$ per Unit Vol.  | Top Width | Run:Rise | \$ per Unit Length | Name     | No. | Coordinates X | (bottom) Y  | Z      | Height at Point | Segment | Seg Ht | Perturbs | On | Important |
|                   |                                      | ft     | ft    | \$/sq ft         | \$/cu yd          | ft        | ft:ft    | \$/ft              |          |     | ft            | ft          | ft     | ft              | ft      |        |          |    |           |
| Barrier17         | W                                    | 0.00   | 99.99 | 0.00             |                   |           |          | 0.00               | point223 | 223 | 6,337,800.0   | 1,822,229.6 | 534.50 | 6.00            | 0.00    | 0      | 0        |    |           |
|                   |                                      |        |       |                  |                   |           |          |                    | point224 | 224 | 6,336,466.5   | 1,822,229.6 | 467.50 | 6.00            | 0.00    | 0      | 0        |    |           |
|                   |                                      |        |       |                  |                   |           |          |                    | point225 | 225 | 6,335,800.0   | 1,822,229.6 | 434.00 | 6.00            |         |        |          |    |           |
| Barrier18         | W                                    | 0.00   | 99.99 | 0.00             |                   |           |          | 0.00               | point226 | 226 | 6,339,890.0   | 1,820,650.0 | 594.00 | 6.00            | 0.00    | 0      | 0        |    |           |
|                   |                                      |        |       |                  |                   |           |          |                    | point227 | 227 | 6,339,890.0   | 1,821,450.0 | 615.00 | 6.00            | 0.00    | 0      | 0        |    |           |
|                   |                                      |        |       |                  |                   |           |          |                    | point228 | 228 | 6,339,890.0   | 1,822,300.0 | 641.00 | 6.00            |         |        |          |    |           |
| Barrier19         | W                                    | 0.00   | 99.99 | 0.00             |                   |           |          | 0.00               | point229 | 229 | 6,339,430.0   | 1,820,440.0 | 582.00 | 6.00            | 0.00    | 0      | 0        |    |           |
|                   |                                      |        |       |                  |                   |           |          |                    | point230 | 230 | 6,338,993.5   | 1,820,440.0 | 582.00 | 6.00            | 0.00    | 0      | 0        |    |           |
|                   |                                      |        |       |                  |                   |           |          |                    | point231 | 231 | 6,338,331.0   | 1,820,440.0 | 582.00 | 6.00            |         |        |          |    |           |
| Barrier20         | W                                    | 0.00   | 99.99 | 0.00             |                   |           |          | 0.00               | point232 | 232 | 6,340,965.0   | 1,820,510.0 | 637.00 | 6.00            | 0.00    | 0      | 0        |    |           |
|                   |                                      |        |       |                  |                   |           |          |                    | point233 | 233 | 6,340,382.5   | 1,820,510.0 | 616.00 | 6.00            | 0.00    | 0      | 0        |    |           |
|                   |                                      |        |       |                  |                   |           |          |                    | point234 | 234 | 6,339,800.0   | 1,820,510.0 | 596.00 | 6.00            |         |        |          |    |           |
| Barrier21         | W                                    | 0.00   | 99.99 | 0.00             |                   |           |          | 0.00               | point235 | 235 | 6,343,350.0   | 1,820,550.0 | 642.00 | 6.00            | 0.00    | 0      | 0        |    |           |
|                   |                                      |        |       |                  |                   |           |          |                    | point236 | 236 | 6,343,350.0   | 1,819,775.0 | 632.80 | 6.00            | 0.00    | 0      | 0        |    |           |
|                   |                                      |        |       |                  |                   |           |          |                    | point237 | 237 | 6,343,350.0   | 1,819,000.0 | 623.50 | 6.00            |         |        |          |    |           |
| Barrier22         | W                                    | 0.00   | 99.99 | 0.00             |                   |           |          | 0.00               | point238 | 238 | 6,344,725.0   | 1,820,485.0 | 672.00 | 6.00            | 0.00    | 0      | 0        |    |           |
|                   |                                      |        |       |                  |                   |           |          |                    | point239 | 239 | 6,344,050.0   | 1,820,485.0 | 668.00 | 6.00            | 0.00    | 0      | 0        |    |           |
|                   |                                      |        |       |                  |                   |           |          |                    | point240 | 240 | 6,343,375.0   | 1,820,485.0 | 664.00 | 6.00            |         |        |          |    |           |
| Barrier23         | W                                    | 0.00   | 99.99 | 0.00             |                   |           |          | 0.00               | point241 | 241 | 6,344,710.0   | 1,820,182.5 | 644.00 | 6.00            | 0.00    | 0      | 0        |    |           |
|                   |                                      |        |       |                  |                   |           |          |                    | point242 | 242 | 6,344,710.0   | 1,819,770.0 | 624.00 | 6.00            | 0.00    | 0      | 0        |    |           |
|                   |                                      |        |       |                  |                   |           |          |                    | point244 | 244 | 6,344,710.0   | 1,819,632.5 | 617.33 | 6.00            | 0.00    | 0      | 0        |    |           |
|                   |                                      |        |       |                  |                   |           |          |                    | point243 | 243 | 6,344,710.0   | 1,819,357.5 | 604.00 | 6.00            |         |        |          |    |           |
| Barrier24         | W                                    | 0.00   | 99.99 | 0.00             |                   |           |          | 0.00               | point246 | 246 | 6,344,890.0   | 1,817,682.5 | 620.80 | 6.00            | 0.00    | 0      | 0        |    |           |
|                   |                                      |        |       |                  |                   |           |          |                    | point247 | 247 | 6,344,890.0   | 1,816,970.0 | 628.50 | 6.00            | 0.00    | 0      | 0        |    |           |
|                   |                                      |        |       |                  |                   |           |          |                    | point248 | 248 | 6,344,890.0   | 1,816,257.5 | 636.30 | 6.00            |         |        |          |    |           |
| Barrier25         | W                                    | 0.00   | 99.99 | 0.00             |                   |           |          | 0.00               | point249 | 249 | 6,344,675.0   | 1,810,821.2 | 545.00 | 6.00            | 0.00    | 0      | 0        |    |           |
|                   |                                      |        |       |                  |                   |           |          |                    | point250 | 250 | 6,344,675.0   | 1,809,416.0 | 479.00 | 6.00            | 0.00    | 0      | 0        |    |           |
|                   |                                      |        |       |                  |                   |           |          |                    | point251 | 251 | 6,344,675.0   | 1,808,010.6 | 504.00 | 6.00            |         |        |          |    |           |
| Barrier26         | W                                    | 0.00   | 99.99 | 0.00             |                   |           |          | 0.00               | point252 | 252 | 6,348,298.0   | 1,820,815.5 | 660.00 | 6.00            | 0.00    | 0      | 0        |    |           |
|                   |                                      |        |       |                  |                   |           |          |                    | point253 | 253 | 6,348,499.0   | 1,820,815.5 | 660.00 | 6.00            | 0.00    | 0      | 0        |    |           |
|                   |                                      |        |       |                  |                   |           |          |                    | point254 | 254 | 6,348,588.0   | 1,820,898.6 | 660.00 | 6.00            |         |        |          |    |           |
| Barrier27         | W                                    | 0.00   | 99.99 | 0.00             |                   |           |          | 0.00               | point255 | 255 | 6,346,800.5   | 1,820,450.0 | 730.00 | 6.00            | 0.00    | 0      | 0        |    |           |
|                   |                                      |        |       |                  |                   |           |          |                    | point256 | 256 | 6,346,300.5   | 1,820,450.0 | 717.50 | 6.00            | 0.00    | 0      | 0        |    |           |
|                   |                                      |        |       |                  |                   |           |          |                    | point257 | 257 | 6,345,800.5   | 1,820,450.0 | 705.00 | 6.00            |         |        |          |    |           |
| Barrier28         | W                                    | 0.00   | 99.99 | 0.00             |                   |           |          | 0.00               | point258 | 258 | 6,348,760.5   | 1,820,171.2 | 652.80 | 6.00            | 0.00    | 0      | 0        |    |           |

INPUT: BARRIERS

8207

|  |  |  |  |  |  |  |  |  |          |     |             |             |        |      |      |   |   |  |  |
|--|--|--|--|--|--|--|--|--|----------|-----|-------------|-------------|--------|------|------|---|---|--|--|
|  |  |  |  |  |  |  |  |  | point259 | 259 | 6,348,760.5 | 1,819,747.5 | 671.50 | 6.00 | 0.00 | 0 | 0 |  |  |
|  |  |  |  |  |  |  |  |  | point260 | 260 | 6,348,760.5 | 1,819,323.8 | 691.30 | 6.00 |      |   |   |  |  |

**INPUT: TERRAIN LINES**
**8207**

|                      |                                      |                      |                   |        |
|----------------------|--------------------------------------|----------------------|-------------------|--------|
|                      |                                      |                      |                   |        |
| Dudek                |                                      |                      | 12 September 2017 |        |
| M Greene             |                                      |                      | TNM 2.5           |        |
|                      |                                      |                      |                   |        |
| INPUT: TERRAIN LINES |                                      |                      |                   |        |
| PROJECT/CONTRACT:    | 8207                                 |                      |                   |        |
| RUN:                 | OtyRnchV14PrctrVlly2030wProjRev 0817 |                      |                   |        |
| Terrain Line         | Points                               |                      |                   |        |
| Name                 | No.                                  | Coordinates (ground) |                   |        |
|                      |                                      | X                    | Y                 | Z      |
|                      |                                      | ft                   | ft                | ft     |
| Terrain Line1        | 1                                    | 6,354,564.5          | 1,823,396.8       | 610.80 |
|                      | 3                                    | 6,354,548.5          | 1,823,432.6       | 610.00 |
|                      | 4                                    | 6,354,543.5          | 1,823,442.5       | 609.80 |
|                      | 5                                    | 6,354,537.0          | 1,823,451.4       | 609.60 |
|                      | 6                                    | 6,354,515.0          | 1,823,478.1       | 608.90 |
|                      | 7                                    | 6,354,486.0          | 1,823,511.4       | 608.00 |
|                      | 8                                    | 6,354,427.5          | 1,823,574.0       | 606.40 |
|                      | 9                                    | 6,354,424.5          | 1,823,575.9       | 606.40 |
|                      | 10                                   | 6,354,421.5          | 1,823,576.8       | 606.30 |
|                      | 11                                   | 6,354,418.5          | 1,823,576.6       | 606.30 |
|                      | 12                                   | 6,354,415.5          | 1,823,575.4       | 606.30 |
|                      | 13                                   | 6,354,413.5          | 1,823,573.1       | 606.40 |
|                      | 14                                   | 6,354,412.0          | 1,823,570.4       | 606.50 |
|                      | 15                                   | 6,354,411.5          | 1,823,567.2       | 606.60 |
|                      | 16                                   | 6,354,412.5          | 1,823,564.1       | 606.60 |
|                      | 17                                   | 6,354,421.0          | 1,823,544.8       | 607.10 |
|                      | 18                                   | 6,354,421.0          | 1,823,513.8       | 608.00 |
|                      | 19                                   | 6,354,423.5          | 1,823,421.2       | 610.00 |
|                      | 2                                    | 6,354,420.0          | 1,823,349.5       | 611.40 |
| Terrain Line2        | 20                                   | 6,355,174.0          | 1,824,198.5       | 619.20 |
|                      | 22                                   | 6,355,172.5          | 1,824,203.5       | 619.20 |
|                      | 23                                   | 6,355,170.5          | 1,824,210.8       | 619.10 |
|                      | 24                                   | 6,355,166.5          | 1,824,218.2       | 619.10 |
|                      | 25                                   | 6,355,160.0          | 1,824,224.1       | 619.00 |

**INPUT: TERRAIN LINES****8207**

|  |    |             |             |        |
|--|----|-------------|-------------|--------|
|  | 26 | 6,355,152.5 | 1,824,228.2 | 619.00 |
|  | 27 | 6,355,144.5 | 1,824,230.1 | 618.90 |
|  | 28 | 6,355,137.5 | 1,824,229.9 | 618.90 |
|  | 29 | 6,355,045.5 | 1,824,227.4 | 618.40 |
|  | 30 | 6,355,025.5 | 1,824,227.5 | 618.30 |
|  | 31 | 6,355,009.5 | 1,824,229.5 | 618.20 |
|  | 32 | 6,354,992.0 | 1,824,233.8 | 618.10 |
|  | 33 | 6,354,979.5 | 1,824,238.4 | 618.00 |
|  | 34 | 6,354,966.0 | 1,824,244.6 | 618.00 |
|  | 35 | 6,354,899.5 | 1,824,277.1 | 617.80 |
|  | 36 | 6,354,897.0 | 1,824,278.2 | 617.80 |
|  | 37 | 6,354,893.0 | 1,824,279.4 | 617.70 |
|  | 38 | 6,354,890.5 | 1,824,278.8 | 617.70 |
|  | 39 | 6,354,888.0 | 1,824,277.1 | 617.70 |
|  | 40 | 6,354,886.0 | 1,824,274.5 | 617.60 |
|  | 41 | 6,354,884.5 | 1,824,270.5 | 617.60 |
|  | 42 | 6,354,813.5 | 1,824,108.9 | 616.00 |
|  | 43 | 6,354,783.0 | 1,824,038.8 | 615.20 |
|  | 44 | 6,354,748.0 | 1,823,970.9 | 614.50 |
|  | 45 | 6,354,722.0 | 1,823,927.8 | 614.00 |
|  | 46 | 6,354,693.0 | 1,823,886.9 | 613.50 |
|  | 47 | 6,354,661.5 | 1,823,848.0 | 613.00 |
|  | 48 | 6,354,598.0 | 1,823,770.5 | 612.00 |
|  | 49 | 6,354,582.5 | 1,823,750.9 | 611.80 |
|  | 50 | 6,354,566.5 | 1,823,731.9 | 611.50 |
|  | 51 | 6,354,548.0 | 1,823,711.9 | 611.30 |
|  | 52 | 6,354,537.5 | 1,823,689.5 | 611.00 |
|  | 53 | 6,354,536.5 | 1,823,685.9 | 611.00 |
|  | 54 | 6,354,536.5 | 1,823,681.6 | 611.00 |
|  | 55 | 6,354,537.0 | 1,823,676.5 | 610.90 |
|  | 56 | 6,354,537.5 | 1,823,672.2 | 610.90 |
|  | 57 | 6,354,539.0 | 1,823,666.0 | 610.80 |
|  | 58 | 6,354,541.5 | 1,823,659.2 | 610.80 |
|  | 59 | 6,354,543.0 | 1,823,655.5 | 610.70 |
|  | 60 | 6,354,544.5 | 1,823,649.8 | 610.70 |
|  | 61 | 6,354,545.5 | 1,823,643.8 | 610.60 |

**INPUT: TERRAIN LINES****8207**

|               |    |             |             |        |
|---------------|----|-------------|-------------|--------|
|               | 62 | 6,354,545.0 | 1,823,637.8 | 610.60 |
|               | 63 | 6,354,544.5 | 1,823,633.9 | 610.50 |
|               | 64 | 6,354,556.5 | 1,823,619.4 | 610.50 |
|               | 65 | 6,354,582.5 | 1,823,582.4 | 610.50 |
|               | 66 | 6,354,607.0 | 1,823,541.9 | 610.40 |
|               | 67 | 6,354,619.0 | 1,823,514.5 | 610.40 |
|               | 21 | 6,354,628.5 | 1,823,485.5 | 610.40 |
| Terrain Line3 | 68 | 6,356,143.5 | 1,826,709.6 | 650.00 |
|               | 70 | 6,356,049.5 | 1,826,741.2 | 649.90 |
|               | 71 | 6,356,031.5 | 1,826,731.5 | 649.80 |
|               | 72 | 6,356,015.5 | 1,826,623.4 | 654.70 |
|               | 73 | 6,356,007.5 | 1,826,565.6 | 654.70 |
|               | 74 | 6,356,007.5 | 1,826,564.6 | 656.20 |
|               | 75 | 6,356,003.5 | 1,826,508.1 | 656.20 |
|               | 76 | 6,356,003.5 | 1,826,504.0 | 657.70 |
|               | 77 | 6,356,002.0 | 1,826,448.1 | 657.70 |
|               | 78 | 6,356,006.0 | 1,826,443.6 | 659.10 |
|               | 79 | 6,356,005.5 | 1,826,390.1 | 659.10 |
|               | 80 | 6,356,010.0 | 1,826,384.9 | 660.40 |
|               | 81 | 6,356,009.0 | 1,826,335.2 | 660.40 |
|               | 82 | 6,356,013.5 | 1,826,330.0 | 661.70 |
|               | 83 | 6,356,013.0 | 1,826,280.4 | 661.70 |
|               | 84 | 6,356,015.5 | 1,826,275.0 | 663.00 |
|               | 85 | 6,356,015.0 | 1,826,225.4 | 663.00 |
|               | 86 | 6,356,017.0 | 1,826,220.0 | 664.20 |
|               | 87 | 6,356,016.0 | 1,826,170.0 | 664.20 |
|               | 88 | 6,356,018.0 | 1,826,165.1 | 665.40 |
|               | 89 | 6,356,017.0 | 1,826,115.2 | 665.40 |
|               | 90 | 6,356,025.0 | 1,826,110.8 | 666.60 |
|               | 91 | 6,356,024.5 | 1,826,060.8 | 666.60 |
|               | 92 | 6,356,029.5 | 1,826,053.6 | 669.30 |
|               | 93 | 6,356,028.5 | 1,826,004.6 | 669.30 |
|               | 94 | 6,356,025.0 | 1,826,002.6 | 670.00 |
|               | 95 | 6,356,034.0 | 1,825,924.8 | 670.00 |
|               | 96 | 6,356,049.5 | 1,825,870.1 | 670.00 |
|               | 97 | 6,356,066.0 | 1,825,831.0 | 670.00 |

**INPUT: TERRAIN LINES****8207**

|               |     |             |             |        |
|---------------|-----|-------------|-------------|--------|
|               | 98  | 6,356,085.5 | 1,825,796.2 | 670.00 |
|               | 99  | 6,356,097.0 | 1,825,787.4 | 670.00 |
|               | 100 | 6,356,111.0 | 1,825,785.0 | 670.00 |
|               | 69  | 6,356,180.5 | 1,825,789.4 | 670.00 |
| Terrain Line4 | 101 | 6,356,906.0 | 1,827,372.1 | 680.60 |
|               | 103 | 6,356,900.5 | 1,827,382.2 | 680.70 |
|               | 104 | 6,356,896.0 | 1,827,395.8 | 680.90 |
|               | 105 | 6,356,894.0 | 1,827,409.9 | 681.00 |
|               | 106 | 6,356,894.0 | 1,827,424.1 | 681.20 |
|               | 107 | 6,356,895.0 | 1,827,429.8 | 681.20 |
|               | 108 | 6,356,896.5 | 1,827,437.9 | 681.30 |
|               | 109 | 6,356,896.5 | 1,827,440.2 | 681.40 |
|               | 110 | 6,356,894.0 | 1,827,445.1 | 681.40 |
|               | 111 | 6,356,847.0 | 1,827,504.2 | 681.40 |
|               | 112 | 6,356,836.0 | 1,827,508.4 | 681.20 |
|               | 113 | 6,356,832.5 | 1,827,510.6 | 681.20 |
|               | 114 | 6,356,826.0 | 1,827,516.6 | 681.00 |
|               | 115 | 6,356,815.5 | 1,827,525.6 | 680.80 |
|               | 116 | 6,356,807.0 | 1,827,531.5 | 680.60 |
|               | 117 | 6,356,802.0 | 1,827,533.4 | 680.50 |
|               | 118 | 6,356,795.0 | 1,827,533.6 | 680.40 |
|               | 119 | 6,356,788.5 | 1,827,531.5 | 680.30 |
|               | 120 | 6,356,784.0 | 1,827,528.2 | 680.20 |
|               | 121 | 6,356,773.0 | 1,827,517.8 | 680.00 |
|               | 122 | 6,356,757.0 | 1,827,502.6 | 679.30 |
|               | 123 | 6,356,746.5 | 1,827,493.4 | 678.90 |
|               | 124 | 6,356,729.0 | 1,827,479.5 | 678.30 |
|               | 125 | 6,356,711.0 | 1,827,466.1 | 677.60 |
|               | 126 | 6,356,675.0 | 1,827,441.4 | 676.30 |
|               | 127 | 6,356,639.5 | 1,827,416.1 | 675.00 |
|               | 128 | 6,356,596.5 | 1,827,382.9 | 673.40 |
|               | 129 | 6,356,509.5 | 1,827,312.8 | 670.00 |
|               | 130 | 6,356,380.5 | 1,827,208.6 | 665.00 |
|               | 131 | 6,356,256.0 | 1,827,108.2 | 660.80 |
|               | 132 | 6,356,232.0 | 1,827,090.5 | 660.00 |
|               | 133 | 6,356,183.0 | 1,827,034.8 | 657.80 |

**INPUT: TERRAIN LINES****8207**

|               |     |             |             |        |
|---------------|-----|-------------|-------------|--------|
|               | 134 | 6,356,129.0 | 1,826,958.0 | 655.00 |
|               | 135 | 6,356,092.5 | 1,826,900.8 | 655.20 |
|               | 136 | 6,356,085.0 | 1,826,884.5 | 655.00 |
|               | 137 | 6,356,093.0 | 1,826,867.0 | 653.90 |
|               | 102 | 6,356,115.0 | 1,826,854.8 | 653.70 |
| Terrain Line5 | 138 | 6,355,957.0 | 1,826,917.9 | 654.70 |
|               | 140 | 6,355,985.0 | 1,826,924.1 | 654.80 |
|               | 141 | 6,356,017.0 | 1,826,937.2 | 655.10 |
|               | 142 | 6,356,037.5 | 1,826,968.8 | 655.40 |
|               | 143 | 6,356,087.0 | 1,827,045.1 | 656.00 |
|               | 144 | 6,356,134.5 | 1,827,106.0 | 658.00 |
|               | 145 | 6,356,190.0 | 1,827,176.5 | 660.50 |
|               | 139 | 6,356,238.5 | 1,827,223.4 | 665.00 |
| Terrain Line6 | 146 | 6,356,522.5 | 1,827,491.2 | 683.10 |
|               | 148 | 6,356,542.0 | 1,827,507.1 | 684.00 |
|               | 149 | 6,356,585.0 | 1,827,541.5 | 690.00 |
|               | 150 | 6,356,594.0 | 1,827,550.4 | 694.10 |
|               | 151 | 6,356,689.0 | 1,827,625.8 | 696.00 |
|               | 152 | 6,356,717.5 | 1,827,648.9 | 696.60 |
|               | 153 | 6,356,724.0 | 1,827,656.5 | 696.80 |
|               | 154 | 6,356,725.5 | 1,827,665.8 | 697.00 |
|               | 155 | 6,356,738.5 | 1,827,694.5 | 697.60 |
|               | 156 | 6,356,753.0 | 1,827,713.5 | 698.00 |
|               | 157 | 6,356,768.5 | 1,827,723.2 | 698.20 |
|               | 158 | 6,356,790.0 | 1,827,733.1 | 698.40 |
|               | 159 | 6,356,822.0 | 1,827,735.8 | 698.60 |
|               | 160 | 6,356,847.5 | 1,827,732.5 | 698.90 |
|               | 161 | 6,356,938.5 | 1,827,798.4 | 699.80 |
|               | 162 | 6,356,947.5 | 1,827,793.2 | 702.00 |
|               | 147 | 6,357,200.0 | 1,827,986.8 | 702.00 |
| Terrain Line7 | 163 | 6,357,100.5 | 1,827,800.8 | 697.00 |
|               | 165 | 6,356,920.5 | 1,827,667.9 | 696.60 |
|               | 166 | 6,356,910.5 | 1,827,654.1 | 696.60 |
|               | 167 | 6,356,901.0 | 1,827,629.8 | 696.50 |
|               | 168 | 6,356,902.5 | 1,827,608.1 | 696.50 |
|               | 169 | 6,356,905.5 | 1,827,604.0 | 695.00 |

**INPUT: TERRAIN LINES****8207**

|               |     |             |             |        |
|---------------|-----|-------------|-------------|--------|
|               | 170 | 6,356,906.0 | 1,827,602.6 | 695.00 |
|               | 171 | 6,356,905.5 | 1,827,601.2 | 695.00 |
|               | 164 | 6,356,898.5 | 1,827,594.0 | 694.60 |
| Terrain Line8 | 172 | 6,358,977.5 | 1,829,986.5 | 768.50 |
|               | 174 | 6,359,015.5 | 1,829,959.6 | 768.50 |
|               | 175 | 6,359,023.5 | 1,829,951.8 | 768.50 |
|               | 176 | 6,359,030.5 | 1,829,940.6 | 768.50 |
|               | 177 | 6,359,034.5 | 1,829,927.4 | 768.40 |
|               | 178 | 6,359,035.0 | 1,829,913.5 | 768.50 |
|               | 179 | 6,359,032.0 | 1,829,900.9 | 768.50 |
|               | 180 | 6,359,026.5 | 1,829,889.8 | 768.50 |
|               | 181 | 6,359,018.5 | 1,829,878.4 | 768.50 |
|               | 182 | 6,358,985.0 | 1,829,830.9 | 768.50 |
|               | 183 | 6,358,983.5 | 1,829,818.9 | 766.00 |
|               | 184 | 6,358,960.5 | 1,829,783.2 | 766.00 |
|               | 185 | 6,358,969.0 | 1,829,776.6 | 761.00 |
|               | 186 | 6,358,955.5 | 1,829,756.0 | 761.00 |
|               | 187 | 6,358,905.0 | 1,829,674.1 | 761.00 |
|               | 188 | 6,358,913.0 | 1,829,668.0 | 756.50 |
|               | 189 | 6,358,868.5 | 1,829,597.1 | 756.50 |
|               | 190 | 6,358,872.5 | 1,829,592.1 | 754.00 |
|               | 191 | 6,358,834.0 | 1,829,530.5 | 754.00 |
|               | 192 | 6,358,840.5 | 1,829,513.1 | 746.00 |
|               | 193 | 6,358,840.0 | 1,829,511.9 | 746.00 |
|               | 194 | 6,358,802.5 | 1,829,449.6 | 746.00 |
|               | 195 | 6,358,774.5 | 1,829,462.5 | 746.00 |
|               | 196 | 6,358,761.0 | 1,829,468.1 | 746.00 |
|               | 197 | 6,358,748.0 | 1,829,469.6 | 746.00 |
|               | 198 | 6,358,736.0 | 1,829,468.2 | 746.00 |
|               | 199 | 6,358,702.0 | 1,829,460.0 | 746.00 |
|               | 200 | 6,358,633.0 | 1,829,438.6 | 746.00 |
|               | 201 | 6,358,592.0 | 1,829,432.4 | 746.00 |
|               | 173 | 6,358,567.0 | 1,829,428.5 | 746.00 |
| Terrain Line9 | 202 | 6,359,418.5 | 1,831,051.6 | 837.50 |
|               | 204 | 6,359,468.0 | 1,831,049.8 | 837.50 |
|               | 205 | 6,359,459.0 | 1,830,965.4 | 837.50 |

**INPUT: TERRAIN LINES****8207**

|                |     |             |             |        |
|----------------|-----|-------------|-------------|--------|
|                | 206 | 6,359,458.0 | 1,830,958.4 | 834.50 |
|                | 207 | 6,359,445.0 | 1,830,873.6 | 834.50 |
|                | 208 | 6,359,442.5 | 1,830,859.9 | 828.00 |
|                | 209 | 6,359,425.0 | 1,830,775.9 | 828.00 |
|                | 210 | 6,359,421.5 | 1,830,761.4 | 821.00 |
|                | 211 | 6,359,400.0 | 1,830,678.4 | 821.00 |
|                | 212 | 6,359,396.0 | 1,830,664.1 | 814.00 |
|                | 213 | 6,359,370.5 | 1,830,582.9 | 814.00 |
|                | 214 | 6,359,364.5 | 1,830,567.4 | 806.50 |
|                | 215 | 6,359,335.5 | 1,830,489.2 | 806.50 |
|                | 216 | 6,359,329.5 | 1,830,474.2 | 800.00 |
|                | 217 | 6,359,295.5 | 1,830,395.8 | 800.00 |
|                | 218 | 6,359,289.5 | 1,830,383.0 | 794.00 |
|                | 219 | 6,359,254.5 | 1,830,312.4 | 794.00 |
|                | 220 | 6,359,253.5 | 1,830,299.6 | 789.00 |
|                | 221 | 6,359,232.5 | 1,830,259.6 | 789.00 |
|                | 222 | 6,359,206.5 | 1,830,221.4 | 789.00 |
|                | 223 | 6,359,202.0 | 1,830,216.4 | 789.00 |
|                | 224 | 6,359,197.0 | 1,830,212.2 | 789.00 |
|                | 225 | 6,359,189.0 | 1,830,208.8 | 789.00 |
|                | 226 | 6,359,180.5 | 1,830,207.6 | 789.00 |
|                | 227 | 6,359,200.0 | 1,830,179.1 | 780.00 |
|                | 228 | 6,359,191.0 | 1,830,161.2 | 771.00 |
|                | 229 | 6,359,160.0 | 1,830,089.6 | 770.00 |
|                | 230 | 6,359,151.0 | 1,830,071.2 | 769.70 |
|                | 231 | 6,359,148.0 | 1,830,050.0 | 769.30 |
|                | 232 | 6,359,138.5 | 1,830,034.4 | 769.00 |
|                | 233 | 6,359,122.5 | 1,830,023.9 | 768.80 |
|                | 234 | 6,359,091.5 | 1,830,015.8 | 768.40 |
|                | 235 | 6,359,041.5 | 1,830,028.1 | 768.20 |
|                | 236 | 6,359,000.0 | 1,830,046.5 | 768.70 |
|                | 237 | 6,358,984.5 | 1,830,068.4 | 769.00 |
|                | 238 | 6,358,978.5 | 1,830,077.9 | 769.20 |
|                | 203 | 6,358,971.5 | 1,830,084.4 | 769.40 |
| Terrain Line10 | 239 | 6,359,479.5 | 1,831,999.5 | 895.50 |
|                | 241 | 6,359,475.0 | 1,831,916.2 | 895.50 |

**INPUT: TERRAIN LINES****8207**

|                |     |             |             |        |
|----------------|-----|-------------|-------------|--------|
|                | 242 | 6,359,473.5 | 1,831,907.2 | 891.50 |
|                | 243 | 6,359,467.0 | 1,831,828.2 | 891.50 |
|                | 244 | 6,359,467.0 | 1,831,809.4 | 884.50 |
|                | 245 | 6,359,462.5 | 1,831,734.2 | 884.50 |
|                | 246 | 6,359,457.5 | 1,831,718.8 | 877.50 |
|                | 247 | 6,359,459.0 | 1,831,683.9 | 877.50 |
|                | 248 | 6,359,462.0 | 1,831,643.9 | 877.50 |
|                | 249 | 6,359,459.5 | 1,831,622.9 | 869.50 |
|                | 250 | 6,359,461.0 | 1,831,545.5 | 869.50 |
|                | 251 | 6,359,461.5 | 1,831,529.0 | 862.50 |
|                | 252 | 6,359,462.5 | 1,831,451.0 | 862.50 |
|                | 253 | 6,359,458.5 | 1,831,432.8 | 854.50 |
|                | 254 | 6,359,460.0 | 1,831,352.9 | 847.50 |
|                | 255 | 6,359,461.5 | 1,831,259.9 | 847.50 |
|                | 256 | 6,359,461.5 | 1,831,247.9 | 842.00 |
|                | 257 | 6,359,463.0 | 1,831,168.9 | 842.00 |
|                | 240 | 6,359,369.0 | 1,831,167.2 | 842.00 |
| Terrain Line11 | 258 | 6,361,189.5 | 1,833,985.5 | 944.90 |
|                | 260 | 6,361,032.0 | 1,833,971.0 | 944.90 |
|                | 261 | 6,361,026.5 | 1,833,968.6 | 944.90 |
|                | 262 | 6,361,023.5 | 1,833,963.6 | 944.80 |
|                | 263 | 6,361,023.5 | 1,833,957.6 | 944.80 |
|                | 264 | 6,361,049.0 | 1,833,892.4 | 944.80 |
|                | 265 | 6,361,055.5 | 1,833,880.2 | 944.80 |
|                | 266 | 6,361,064.0 | 1,833,869.5 | 944.80 |
|                | 267 | 6,361,074.0 | 1,833,860.4 | 944.80 |
|                | 268 | 6,361,085.5 | 1,833,853.0 | 944.80 |
|                | 269 | 6,361,098.0 | 1,833,847.9 | 944.80 |
|                | 270 | 6,361,113.5 | 1,833,844.4 | 944.80 |
|                | 271 | 6,361,129.0 | 1,833,843.6 | 944.80 |
|                | 272 | 6,361,144.5 | 1,833,845.4 | 944.80 |
|                | 273 | 6,361,160.0 | 1,833,849.6 | 944.80 |
|                | 259 | 6,361,174.0 | 1,833,856.4 | 944.80 |
| Terrain Line12 | 274 | 6,361,009.0 | 1,834,161.5 | 945.30 |
|                | 275 | 6,360,990.5 | 1,834,163.9 | 945.30 |
|                | 276 | 6,360,971.5 | 1,834,165.6 | 945.30 |

**INPUT: TERRAIN LINES****8207**

|                |     |             |             |        |
|----------------|-----|-------------|-------------|--------|
|                | 277 | 6,360,952.5 | 1,834,166.8 | 945.30 |
|                | 278 | 6,360,933.5 | 1,834,167.4 | 945.40 |
|                | 279 | 6,360,926.5 | 1,834,015.5 | 944.60 |
|                | 280 | 6,360,984.5 | 1,834,014.5 | 939.80 |
| Terrain Line13 | 281 | 6,361,015.0 | 1,834,191.0 | 958.40 |
|                | 283 | 6,360,999.0 | 1,834,193.1 | 957.60 |
|                | 284 | 6,360,983.0 | 1,834,194.8 | 955.90 |
|                | 285 | 6,360,967.5 | 1,834,196.0 | 954.80 |
|                | 286 | 6,360,951.5 | 1,834,196.9 | 953.20 |
|                | 287 | 6,360,935.5 | 1,834,197.4 | 953.00 |
|                | 288 | 6,360,942.0 | 1,834,226.9 | 955.20 |
|                | 289 | 6,360,948.0 | 1,834,256.5 | 956.90 |
|                | 290 | 6,360,953.5 | 1,834,286.1 | 958.40 |
|                | 291 | 6,360,958.0 | 1,834,316.0 | 960.00 |
|                | 292 | 6,360,962.0 | 1,834,347.5 | 962.10 |
|                | 293 | 6,360,965.0 | 1,834,379.0 | 963.30 |
|                | 294 | 6,360,967.0 | 1,834,410.5 | 964.00 |
|                | 295 | 6,360,969.0 | 1,834,442.1 | 964.20 |
|                | 296 | 6,360,970.0 | 1,834,469.9 | 963.10 |
|                | 297 | 6,360,969.0 | 1,834,497.6 | 961.00 |
|                | 298 | 6,360,965.0 | 1,834,525.1 | 956.00 |
|                | 299 | 6,360,958.5 | 1,834,552.1 | 950.30 |
|                | 300 | 6,360,913.0 | 1,834,758.2 | 915.90 |
|                | 301 | 6,360,911.5 | 1,834,778.6 | 919.10 |
|                | 302 | 6,360,910.0 | 1,834,799.1 | 918.90 |
|                | 303 | 6,360,908.0 | 1,834,819.5 | 918.80 |
|                | 304 | 6,360,905.5 | 1,834,839.8 | 918.80 |
|                | 305 | 6,360,902.5 | 1,834,860.1 | 918.80 |
|                | 306 | 6,360,899.5 | 1,834,880.4 | 918.80 |
|                | 307 | 6,360,895.5 | 1,834,900.5 | 918.80 |
|                | 308 | 6,360,895.5 | 1,834,908.0 | 918.80 |
|                | 309 | 6,360,898.0 | 1,834,915.0 | 918.70 |
|                | 310 | 6,360,903.0 | 1,834,920.6 | 918.60 |
|                | 311 | 6,360,910.0 | 1,834,925.2 | 918.50 |
|                | 312 | 6,360,917.5 | 1,834,928.9 | 918.40 |
|                | 313 | 6,360,925.5 | 1,834,931.4 | 918.40 |

**INPUT: TERRAIN LINES****8207**

|                |     |             |             |        |
|----------------|-----|-------------|-------------|--------|
|                | 314 | 6,360,939.0 | 1,834,934.2 | 918.40 |
|                | 315 | 6,360,953.0 | 1,834,936.8 | 918.40 |
|                | 316 | 6,360,966.5 | 1,834,938.8 | 918.50 |
|                | 317 | 6,360,980.0 | 1,834,940.4 | 918.50 |
|                | 318 | 6,360,994.0 | 1,834,941.4 | 918.50 |
|                | 319 | 6,361,008.0 | 1,834,942.0 | 918.50 |
|                | 320 | 6,361,021.5 | 1,834,942.2 | 918.50 |
|                | 282 | 6,361,035.5 | 1,834,942.0 | 918.50 |
| Terrain Line14 | 321 | 6,360,769.0 | 1,835,069.6 | 909.80 |
|                | 323 | 6,360,783.0 | 1,835,045.8 | 909.70 |
|                | 324 | 6,360,797.0 | 1,835,021.6 | 909.80 |
|                | 325 | 6,360,809.5 | 1,834,997.0 | 909.80 |
|                | 326 | 6,360,821.5 | 1,834,972.0 | 909.80 |
|                | 327 | 6,360,833.0 | 1,834,946.6 | 909.70 |
|                | 328 | 6,360,843.5 | 1,834,920.6 | 909.90 |
|                | 329 | 6,360,826.5 | 1,834,928.2 | 909.40 |
|                | 330 | 6,360,807.5 | 1,834,928.5 | 909.00 |
|                | 331 | 6,360,790.0 | 1,834,921.1 | 909.70 |
|                | 332 | 6,360,777.0 | 1,834,907.5 | 909.80 |
|                | 333 | 6,360,767.5 | 1,834,897.4 | 909.70 |
|                | 334 | 6,360,756.5 | 1,834,888.6 | 909.70 |
|                | 335 | 6,360,744.5 | 1,834,881.6 | 909.70 |
|                | 336 | 6,360,732.0 | 1,834,876.2 | 909.80 |
|                | 337 | 6,360,718.5 | 1,834,872.8 | 909.70 |
|                | 322 | 6,360,704.5 | 1,834,871.1 | 909.70 |
| Terrain Line15 | 338 | 6,360,825.0 | 1,835,128.6 | 915.80 |
|                | 340 | 6,360,849.5 | 1,835,055.6 | 915.80 |
|                | 341 | 6,360,868.0 | 1,834,987.2 | 915.80 |
|                | 342 | 6,360,872.5 | 1,834,979.4 | 915.90 |
|                | 343 | 6,360,880.0 | 1,834,974.5 | 915.80 |
|                | 344 | 6,360,889.5 | 1,834,973.9 | 915.80 |
|                | 345 | 6,360,906.0 | 1,834,976.2 | 915.90 |
|                | 346 | 6,360,923.0 | 1,834,977.8 | 915.80 |
|                | 347 | 6,360,940.0 | 1,834,978.2 | 915.70 |
|                | 348 | 6,360,956.5 | 1,834,977.6 | 915.70 |
|                | 339 | 6,360,973.5 | 1,834,976.0 | 913.60 |

**INPUT: TERRAIN LINES****8207**

|                |     |             |             |        |
|----------------|-----|-------------|-------------|--------|
| Terrain Line16 | 349 | 6,360,329.0 | 1,835,736.9 | 899.80 |
|                | 351 | 6,360,341.5 | 1,835,624.4 | 899.70 |
|                | 352 | 6,360,343.5 | 1,835,618.0 | 899.80 |
|                | 353 | 6,360,348.5 | 1,835,613.2 | 899.80 |
|                | 354 | 6,360,355.0 | 1,835,611.1 | 899.80 |
|                | 355 | 6,360,359.5 | 1,835,610.6 | 899.80 |
|                | 356 | 6,360,365.5 | 1,835,611.4 | 899.80 |
|                | 357 | 6,360,371.0 | 1,835,614.5 | 899.80 |
|                | 358 | 6,360,374.5 | 1,835,619.6 | 899.80 |
|                | 359 | 6,360,378.5 | 1,835,626.4 | 899.80 |
|                | 360 | 6,360,383.0 | 1,835,632.4 | 899.80 |
|                | 361 | 6,360,389.0 | 1,835,637.4 | 899.80 |
|                | 362 | 6,360,395.5 | 1,835,641.4 | 899.80 |
|                | 363 | 6,360,402.5 | 1,835,644.1 | 899.80 |
|                | 364 | 6,360,410.0 | 1,835,645.5 | 899.80 |
|                | 365 | 6,360,418.0 | 1,835,645.5 | 899.80 |
|                | 366 | 6,360,425.5 | 1,835,644.1 | 899.80 |
|                | 367 | 6,360,430.0 | 1,835,644.0 | 899.80 |
|                | 368 | 6,360,435.0 | 1,835,645.6 | 899.80 |
|                | 369 | 6,360,438.5 | 1,835,649.0 | 899.80 |
|                | 370 | 6,360,444.5 | 1,835,654.8 | 899.80 |
|                | 371 | 6,360,451.0 | 1,835,659.4 | 899.80 |
|                | 372 | 6,360,459.0 | 1,835,662.6 | 899.80 |
|                | 373 | 6,360,467.0 | 1,835,664.2 | 899.80 |
|                | 374 | 6,360,475.0 | 1,835,664.5 | 899.80 |
|                | 375 | 6,360,483.0 | 1,835,663.0 | 899.80 |
|                | 376 | 6,360,491.0 | 1,835,660.1 | 899.80 |
|                | 377 | 6,360,498.0 | 1,835,655.8 | 899.80 |
|                | 378 | 6,360,502.0 | 1,835,652.5 | 899.70 |
|                | 379 | 6,360,521.5 | 1,835,677.9 | 899.70 |
|                | 350 | 6,360,558.5 | 1,835,729.0 | 899.80 |
| Terrain Line17 | 380 | 6,361,078.0 | 1,835,802.0 | 906.60 |
|                | 382 | 6,360,980.0 | 1,835,791.0 | 903.70 |
|                | 383 | 6,360,853.0 | 1,835,759.0 | 903.60 |
|                | 384 | 6,360,600.0 | 1,835,670.2 | 896.80 |
|                | 385 | 6,360,609.5 | 1,835,680.8 | 897.80 |

**INPUT: TERRAIN LINES****8207**

|  |     |             |             |        |
|--|-----|-------------|-------------|--------|
|  | 386 | 6,360,624.0 | 1,835,696.9 | 897.80 |
|  | 387 | 6,360,635.0 | 1,835,709.5 | 897.80 |
|  | 388 | 6,360,651.0 | 1,835,727.1 | 897.80 |
|  | 389 | 6,360,659.5 | 1,835,736.8 | 897.80 |
|  | 390 | 6,360,664.0 | 1,835,742.2 | 897.90 |
|  | 391 | 6,360,675.5 | 1,835,757.4 | 897.90 |
|  | 392 | 6,360,684.5 | 1,835,770.1 | 897.80 |
|  | 393 | 6,360,692.0 | 1,835,780.0 | 897.90 |
|  | 394 | 6,360,699.5 | 1,835,789.9 | 897.90 |
|  | 395 | 6,360,708.0 | 1,835,800.6 | 897.90 |
|  | 396 | 6,360,721.0 | 1,835,815.4 | 897.90 |
|  | 397 | 6,360,731.5 | 1,835,827.2 | 897.90 |
|  | 398 | 6,360,735.0 | 1,835,831.0 | 897.90 |
|  | 399 | 6,360,742.0 | 1,835,838.0 | 901.10 |
|  | 400 | 6,360,752.5 | 1,835,848.2 | 903.80 |
|  | 401 | 6,360,760.5 | 1,835,856.0 | 903.80 |
|  | 402 | 6,360,764.5 | 1,835,859.4 | 903.80 |
|  | 403 | 6,360,778.0 | 1,835,871.0 | 903.80 |
|  | 404 | 6,360,791.5 | 1,835,882.8 | 903.80 |
|  | 405 | 6,360,794.5 | 1,835,885.2 | 903.80 |
|  | 406 | 6,360,799.0 | 1,835,889.1 | 903.80 |
|  | 407 | 6,360,809.5 | 1,835,897.9 | 903.80 |
|  | 408 | 6,360,811.5 | 1,835,899.8 | 903.90 |
|  | 409 | 6,360,823.0 | 1,835,908.4 | 903.90 |
|  | 410 | 6,360,827.0 | 1,835,911.1 | 903.90 |
|  | 411 | 6,360,858.0 | 1,835,934.1 | 906.90 |
|  | 412 | 6,360,864.0 | 1,835,938.8 | 906.90 |
|  | 413 | 6,360,871.5 | 1,835,945.2 | 906.90 |
|  | 414 | 6,360,875.0 | 1,835,948.4 | 906.90 |
|  | 415 | 6,360,878.5 | 1,835,951.2 | 906.90 |
|  | 416 | 6,360,886.0 | 1,835,958.0 | 906.90 |
|  | 417 | 6,360,891.5 | 1,835,963.4 | 906.90 |
|  | 418 | 6,360,896.5 | 1,835,968.1 | 906.90 |
|  | 419 | 6,360,902.5 | 1,835,973.9 | 906.90 |
|  | 420 | 6,360,905.5 | 1,835,976.5 | 906.90 |
|  | 421 | 6,360,908.0 | 1,835,978.4 | 906.90 |

**INPUT: TERRAIN LINES****8207**

|  |     |             |             |        |
|--|-----|-------------|-------------|--------|
|  | 422 | 6,360,908.0 | 1,835,978.8 | 906.90 |
|  | 423 | 6,360,909.0 | 1,835,979.5 | 906.90 |
|  | 424 | 6,360,913.5 | 1,835,982.9 | 906.90 |
|  | 425 | 6,360,916.5 | 1,835,985.1 | 906.90 |
|  | 426 | 6,360,924.0 | 1,835,990.6 | 906.90 |
|  | 427 | 6,360,928.5 | 1,835,993.9 | 906.90 |
|  | 428 | 6,360,932.0 | 1,835,996.4 | 906.90 |
|  | 429 | 6,360,941.5 | 1,836,002.9 | 906.90 |
|  | 430 | 6,360,952.0 | 1,836,009.2 | 906.90 |
|  | 431 | 6,360,962.0 | 1,836,015.1 | 906.90 |
|  | 432 | 6,360,973.0 | 1,836,021.5 | 906.90 |
|  | 433 | 6,360,989.5 | 1,836,030.0 | 906.90 |
|  | 434 | 6,360,999.5 | 1,836,034.8 | 906.90 |
|  | 435 | 6,361,010.5 | 1,836,039.9 | 906.90 |
|  | 436 | 6,361,020.0 | 1,836,043.8 | 906.90 |
|  | 437 | 6,361,031.5 | 1,836,048.0 | 906.90 |
|  | 438 | 6,361,040.0 | 1,836,051.1 | 906.90 |
|  | 439 | 6,361,051.5 | 1,836,054.9 | 906.90 |
|  | 440 | 6,361,057.5 | 1,836,056.9 | 906.90 |
|  | 441 | 6,361,067.0 | 1,836,059.8 | 906.90 |
|  | 442 | 6,361,075.5 | 1,836,062.0 | 906.90 |
|  | 443 | 6,361,095.0 | 1,836,066.6 | 905.90 |
|  | 444 | 6,361,102.0 | 1,836,068.1 | 905.90 |
|  | 445 | 6,361,115.0 | 1,836,070.5 | 905.90 |
|  | 446 | 6,361,126.5 | 1,836,072.4 | 905.90 |
|  | 447 | 6,361,134.0 | 1,836,073.5 | 905.90 |
|  | 448 | 6,361,141.5 | 1,836,074.2 | 905.90 |
|  | 449 | 6,361,144.0 | 1,836,074.5 | 905.90 |
|  | 450 | 6,361,146.5 | 1,836,074.9 | 905.90 |
|  | 451 | 6,361,149.5 | 1,836,075.1 | 905.90 |
|  | 452 | 6,361,153.0 | 1,836,075.4 | 905.90 |
|  | 453 | 6,361,154.0 | 1,836,075.5 | 905.90 |
|  | 454 | 6,361,157.0 | 1,836,075.8 | 905.90 |
|  | 455 | 6,361,161.5 | 1,836,076.0 | 905.90 |
|  | 456 | 6,361,165.5 | 1,836,076.2 | 905.80 |
|  | 457 | 6,361,173.5 | 1,836,076.6 | 905.70 |

**INPUT: TERRAIN LINES****8207**

|                |     |             |             |        |
|----------------|-----|-------------|-------------|--------|
|                | 458 | 6,361,175.5 | 1,836,076.6 | 905.70 |
|                | 459 | 6,361,189.5 | 1,836,076.8 | 905.60 |
|                | 460 | 6,361,194.5 | 1,836,076.8 | 905.50 |
|                | 461 | 6,361,204.5 | 1,836,076.5 | 904.40 |
|                | 462 | 6,361,207.5 | 1,836,076.4 | 903.80 |
|                | 463 | 6,361,214.0 | 1,836,076.0 | 903.10 |
|                | 464 | 6,361,215.5 | 1,836,075.9 | 902.90 |
|                | 465 | 6,361,217.5 | 1,836,075.9 | 902.70 |
|                | 466 | 6,361,220.5 | 1,836,075.6 | 902.40 |
|                | 381 | 6,361,279.0 | 1,835,959.5 | 902.00 |
| Terrain Line18 | 467 | 6,360,325.0 | 1,835,766.9 | 899.60 |
|                | 469 | 6,360,561.0 | 1,835,766.9 | 909.80 |
|                | 470 | 6,360,570.5 | 1,835,777.8 | 909.80 |
|                | 471 | 6,360,580.0 | 1,835,788.4 | 909.80 |
|                | 472 | 6,360,589.5 | 1,835,799.0 | 909.90 |
|                | 473 | 6,360,599.5 | 1,835,809.4 | 909.80 |
|                | 474 | 6,360,609.5 | 1,835,819.6 | 909.90 |
|                | 475 | 6,360,619.5 | 1,835,829.8 | 909.70 |
|                | 476 | 6,360,629.5 | 1,835,839.8 | 909.80 |
|                | 477 | 6,360,640.0 | 1,835,849.6 | 909.70 |
|                | 478 | 6,360,650.5 | 1,835,859.4 | 909.80 |
|                | 479 | 6,360,661.5 | 1,835,868.9 | 909.80 |
|                | 480 | 6,360,672.0 | 1,835,878.2 | 909.80 |
|                | 481 | 6,360,683.0 | 1,835,887.5 | 910.60 |
|                | 482 | 6,360,694.5 | 1,835,898.2 | 911.80 |
|                | 483 | 6,360,705.5 | 1,835,908.9 | 911.80 |
|                | 484 | 6,360,717.5 | 1,835,919.2 | 911.80 |
|                | 485 | 6,360,729.0 | 1,835,929.6 | 911.80 |
|                | 486 | 6,360,741.0 | 1,835,939.6 | 911.80 |
|                | 487 | 6,360,753.0 | 1,835,949.6 | 911.80 |
|                | 488 | 6,360,765.0 | 1,835,959.4 | 911.90 |
|                | 489 | 6,360,777.0 | 1,835,969.1 | 911.80 |
|                | 490 | 6,360,786.5 | 1,835,978.5 | 911.80 |
|                | 491 | 6,360,795.5 | 1,835,988.9 | 911.70 |
|                | 468 | 6,360,803.0 | 1,836,000.0 | 911.90 |

## RESULTS: SOUND LEVELS

8207

|                                                                       |     |                                                               |                    |                      |        |                        |           |                      |                                                         |      |            |      |                                                                                                                                          |
|-----------------------------------------------------------------------|-----|---------------------------------------------------------------|--------------------|----------------------|--------|------------------------|-----------|----------------------|---------------------------------------------------------|------|------------|------|------------------------------------------------------------------------------------------------------------------------------------------|
| Dudek<br>M Greene                                                     |     |                                                               |                    |                      |        |                        |           |                      | 12 September 2017<br>TNM 2.5<br>Calculated with TNM 2.5 |      |            |      |                                                                                                                                          |
| RESULTS: SOUND LEVELS<br>PROJECT/CONTRACT:<br>RUN:<br>BARRIER DESIGN: |     | 8207<br>OtyRnchV14PrctrVlly2030wProjRev 0817<br>INPUT HEIGHTS |                    |                      |        |                        |           |                      |                                                         |      |            |      |                                                                                                                                          |
| ATMOSPHERICS:                                                         |     | 68 deg F, 50% RH                                              |                    |                      |        |                        |           |                      |                                                         |      |            |      | Average pavement type shall be used unless<br>a State highway agency substantiates the use<br>of a different type with approval of FHWA. |
| Receiver                                                              |     |                                                               |                    |                      |        |                        |           |                      |                                                         |      |            |      |                                                                                                                                          |
| Name                                                                  | No. | #DUs                                                          | Existing<br>LAeq1h | No Barrier<br>LAeq1h |        | Increase over existing | Type      | Calculated<br>LAeq1h | Noise Reduction                                         |      |            |      |                                                                                                                                          |
|                                                                       |     |                                                               |                    | Calculated           | Crit'n | Calculated             | Crit'n    | Impact               | Calculated                                              | Goal | Calculated | Goal |                                                                                                                                          |
|                                                                       |     |                                                               |                    |                      |        |                        | Sub'l Inc |                      |                                                         |      |            |      | minus                                                                                                                                    |
|                                                                       |     |                                                               |                    |                      |        |                        |           |                      |                                                         |      |            |      | Goal                                                                                                                                     |
|                                                                       |     |                                                               | dBA                | dBA                  | dBA    | dB                     | dB        |                      | dBA                                                     | dB   | dB         | dB   | dB                                                                                                                                       |
| R1 San MiguelRnchRd W of SR125                                        | 3   | 1                                                             | 0.0                | 66.7                 | 65     | 66.7                   | 1         | Snd Lvl              | 66.7                                                    | 0.0  | 8          | -8.0 |                                                                                                                                          |
| R2 MtMiguelRd - ProctorVlly-SnMgl                                     | 5   | 1                                                             | 0.0                | 54.5                 | 65     | 54.5                   | 1         | ----                 | 54.5                                                    | 0.0  | 8          | -8.0 |                                                                                                                                          |
| R3 PrctrVlly Rd SR15 - MtMiguelRd                                     | 7   | 1                                                             | 0.0                | 56.1                 | 65     | 56.1                   | 1         | ----                 | 56.1                                                    | 0.0  | 8          | -8.0 |                                                                                                                                          |
| R4 MtMglRd - Lane Ave                                                 | 9   | 1                                                             | 0.0                | 66.0                 | 65     | 66.0                   | 1         | Snd Lvl              | 66.0                                                    | 0.0  | 8          | -8.0 |                                                                                                                                          |
| R5 Lane Ave - PrctrVllyRd-OtayLksRd                                   | 11  | 1                                                             | 0.0                | 55.7                 | 65     | 55.7                   | 1         | ----                 | 55.7                                                    | 0.0  | 8          | -8.0 |                                                                                                                                          |
| R6 PrctrVllyRd-Lane Ave-HuntePkwY                                     | 13  | 1                                                             | 0.0                | 57.9                 | 65     | 57.9                   | 1         | ----                 | 57.9                                                    | 0.0  | 8          | -8.0 |                                                                                                                                          |
| R7 HuntePkwY-PrctrVllyRd-OtyLksRd                                     | 15  | 1                                                             | 0.0                | 54.9                 | 65     | 54.9                   | 1         | ----                 | 54.9                                                    | 0.0  | 8          | -8.0 |                                                                                                                                          |
| R8 HuntePkwY-OtyLksRd-OlmpcPkwY                                       | 17  | 1                                                             | 0.0                | 59.7                 | 65     | 59.7                   | 1         | ----                 | 59.7                                                    | 0.0  | 8          | -8.0 |                                                                                                                                          |
| R9 HuntePkwY-OlmpcPkwY-EastlkPkwY                                     | 19  | 1                                                             | 0.0                | 59.4                 | 65     | 59.4                   | 1         | ----                 | 59.4                                                    | 0.0  | 8          | -8.0 |                                                                                                                                          |
| R10 PrctrVllyRd-HuntePkyw-Nrthwd                                      | 21  | 1                                                             | 0.0                | 55.6                 | 65     | 55.6                   | 1         | ----                 | 55.6                                                    | 0.0  | 8          | -8.0 |                                                                                                                                          |
| R11 NrthwdsDr-ProctrVlly-BlueRdgDr                                    | 23  | 1                                                             | 0.0                | 51.6                 | 65     | 51.6                   | 1         | ----                 | 51.6                                                    | 0.0  | 8          | -8.0 |                                                                                                                                          |
| M4 / R12 PrctrVlly Rd w of NrthwdsDr                                  | 27  | 1                                                             | 0.0                | 57.4                 | 65     | 57.4                   | 1         | ----                 | 57.4                                                    | 0.0  | 8          | -8.0 |                                                                                                                                          |
| M6 / R13 SnMglRnchRd e of SR125                                       | 29  | 1                                                             | 0.0                | 61.3                 | 65     | 61.3                   | 1         | ----                 | 61.3                                                    | 0.0  | 8          | -8.0 |                                                                                                                                          |
| M8 / R14 PrctrVlly Rd n of Project                                    | 31  | 1                                                             | 0.0                | 61.3                 | 65     | 61.3                   | 1         | ----                 | 61.3                                                    | 0.0  | 8          | -8.0 |                                                                                                                                          |
| M9 / R15 PrtrVllyRd-Melody Rd-SchleeCyr                               | 33  | 1                                                             | 0.0                | 55.3                 | 65     | 55.3                   | 1         | ----                 | 55.3                                                    | 0.0  | 8          | -8.0 |                                                                                                                                          |
| M10 / R16 MldyRd - PrctrVllyRd - SR-94                                | 35  | 1                                                             | 0.0                | 60.4                 | 65     | 60.4                   | 1         | ----                 | 60.4                                                    | 0.0  | 8          | -8.0 |                                                                                                                                          |
| M11 / R17 PrctrVllyRd-SchleeCyn Rd-Mxf                                | 37  | 1                                                             | 0.0                | 61.3                 | 65     | 61.3                   | 1         | ----                 | 61.3                                                    | 0.0  | 8          | -8.0 |                                                                                                                                          |
| R18 PrctrVllyRd - MaxfieldRd to SR-94                                 | 39  | 1                                                             | 0.0                | 62.8                 | 65     | 62.8                   | 1         | ----                 | 62.8                                                    | 0.0  | 8          | -8.0 |                                                                                                                                          |
| R19 P-1                                                               | 100 | 1                                                             | 0.0                | 62.4                 | 65     | 62.4                   | 1         | ----                 | 62.4                                                    | 0.0  | 8          | -8.0 |                                                                                                                                          |
| R20 R-4 southwest side                                                | 101 | 1                                                             | 0.0                | 68.5                 | 60     | 68.5                   | 1         | Snd Lvl              | 68.5                                                    | 0.0  | 8          | -8.0 |                                                                                                                                          |
| R21 R-4 west side                                                     | 102 | 1                                                             | 0.0                | 68.6                 | 60     | 68.6                   | 1         | Snd Lvl              | 68.6                                                    | 0.0  | 8          | -8.0 |                                                                                                                                          |
| R22 R-4 northwest side                                                | 103 | 1                                                             | 0.0                | 69.0                 | 60     | 69.0                   | 1         | Snd Lvl              | 69.0                                                    | 0.0  | 8          | -8.0 |                                                                                                                                          |
| R23 R-5 Lot 10 southwest side                                         | 104 | 1                                                             | 0.0                | 66.2                 | 60     | 66.2                   | 1         | Snd Lvl              | 66.2                                                    | 0.0  | 8          | -8.0 |                                                                                                                                          |
| R24 R-5 Lot 5 west side                                               | 105 | 1                                                             | 0.0                | 68.2                 | 60     | 68.2                   | 1         | Snd Lvl              | 68.2                                                    | 0.0  | 8          | -8.0 |                                                                                                                                          |

**RESULTS: SOUND LEVELS**
**8207**

| R25 R-5 PPP-1 northwest side  | 106   | 1               | 0.0       | 61.6      | 65 | 61.6 | 1  | ----    | 61.6 | 0.0 | 8 | -8.0 |
|-------------------------------|-------|-----------------|-----------|-----------|----|------|----|---------|------|-----|---|------|
| R26 R-12 Park south side      | 107   | 1               | 0.0       | 62.8      | 65 | 62.8 | 1  | ----    | 62.8 | 0.0 | 8 | -8.0 |
| R27 S-1 School southwest side | 108   | 1               | 0.0       | 61.3      | 65 | 61.3 | 1  | ----    | 61.3 | 0.0 | 8 | -8.0 |
| R28 R-12 Park north side      | 109   | 1               | 0.0       | 63.4      | 65 | 63.4 | 1  | ----    | 63.4 | 0.0 | 8 | -8.0 |
| R29 S-1 School west side      | 110   | 1               | 0.0       | 62.9      | 65 | 62.9 | 1  | ----    | 62.9 | 0.0 | 8 | -8.0 |
| R30 S-1 School northwest side | 111   | 1               | 0.0       | 62.3      | 65 | 62.3 | 1  | ----    | 62.3 | 0.0 | 8 | -8.0 |
| R31 P-2 park                  | 112   | 1               | 0.0       | 62.3      | 65 | 62.3 | 1  | ----    | 62.3 | 0.0 | 8 | -8.0 |
| R32 MU-1                      | 113   | 1               | 0.0       | 63.8      | 65 | 63.8 | 1  | ----    | 63.8 | 0.0 | 8 | -8.0 |
| R33 R-10 Lot 6                | 114   | 1               | 0.0       | 67.0      | 60 | 67.0 | 1  | Snd Lvl | 67.0 | 0.0 | 8 | -8.0 |
| R34 R-10 Lot 4                | 115   | 1               | 0.0       | 66.7      | 60 | 66.7 | 1  | Snd Lvl | 66.7 | 0.0 | 8 | -8.0 |
| R35 R-10 Lot 2                | 116   | 1               | 0.0       | 66.6      | 60 | 66.6 | 1  | Snd Lvl | 66.6 | 0.0 | 8 | -8.0 |
| R36 R-11 PP-4                 | 117   | 1               | 0.0       | 61.1      | 65 | 61.1 | 1  | ----    | 61.1 | 0.0 | 8 | -8.0 |
| R37 R-11 Lot 54               | 118   | 1               | 0.0       | 65.9      | 60 | 65.9 | 1  | Snd Lvl | 65.9 | 0.0 | 8 | -8.0 |
| R38 R-11 Lot 58               | 119   | 1               | 0.0       | 65.8      | 60 | 65.8 | 1  | Snd Lvl | 65.8 | 0.0 | 8 | -8.0 |
| R39 R-11 Lot 61               | 120   | 1               | 0.0       | 65.9      | 60 | 65.9 | 1  | Snd Lvl | 65.9 | 0.0 | 8 | -8.0 |
| R40 R-11 Lot 1                | 121   | 1               | 0.0       | 64.7      | 60 | 64.7 | 1  | Snd Lvl | 64.7 | 0.0 | 8 | -8.0 |
| R41 R-11 Lot 4                | 122   | 1               | 0.0       | 64.0      | 60 | 64.0 | 1  | Snd Lvl | 64.0 | 0.0 | 8 | -8.0 |
| R42 R-11 Lot 6                | 123   | 1               | 0.0       | 59.4      | 60 | 59.4 | 1  | ----    | 59.4 | 0.0 | 8 | -8.0 |
| R43 R-11 Lot 8                | 124   | 1               | 0.0       | 52.5      | 60 | 52.5 | 1  | ----    | 52.5 | 0.0 | 8 | -8.0 |
| R44 R-14 Lot 64               | 125   | 1               | 0.0       | 59.0      | 60 | 59.0 | 1  | ----    | 59.0 | 0.0 | 8 | -8.0 |
| R45 R-14 Lot 28               | 126   | 1               | 0.0       | 63.0      | 60 | 63.0 | 1  | Snd Lvl | 63.0 | 0.0 | 8 | -8.0 |
| R46 R-14 open space           | 127   | 1               | 0.0       | 55.2      | 65 | 55.2 | 1  | ----    | 55.2 | 0.0 | 8 | -8.0 |
| R47 R-14 Lot 27               | 128   | 1               | 0.0       | 68.0      | 60 | 68.0 | 1  | Snd Lvl | 68.0 | 0.0 | 8 | -8.0 |
| R48 R-14 Lot 2                | 129   | 1               | 0.0       | 67.1      | 60 | 67.1 | 1  | Snd Lvl | 67.1 | 0.0 | 8 | -8.0 |
| R49 R-14 Lot 1                | 130   | 1               | 0.0       | 66.8      | 60 | 66.8 | 1  | Snd Lvl | 66.8 | 0.0 | 8 | -8.0 |
| R50 R-14 P-4                  | 131   | 1               | 0.0       | 62.7      | 60 | 62.7 | 1  | Snd Lvl | 62.7 | 0.0 | 8 | -8.0 |
| R51 R-13 Lot 1                | 132   | 1               | 0.0       | 65.4      | 60 | 65.4 | 0  | Snd Lvl | 65.4 | 0.0 | 8 | -8.0 |
| R52 R-13 Lot 9                | 133   | 1               | 0.0       | 64.8      | 60 | 64.8 | 0  | Snd Lvl | 64.8 | 0.0 | 8 | -8.0 |
| R53 R-13 Lot 8                | 134   | 1               | 0.0       | 61.6      | 60 | 61.6 | 0  | Snd Lvl | 61.6 | 0.0 | 8 | -8.0 |
| R54 R-13 Lot 10               | 135   | 1               | 0.0       | 66.0      | 60 | 66.0 | 0  | Snd Lvl | 66.0 | 0.0 | 8 | -8.0 |
| R55 R-13 Lot 11               | 136   | 1               | 0.0       | 66.5      | 60 | 66.5 | 0  | Snd Lvl | 66.5 | 0.0 | 8 | -8.0 |
| R56 R-13 Lot 12               | 138   | 1               | 0.0       | 65.9      | 66 | 65.9 | 10 | ----    | 65.9 | 0.0 | 8 | -8.0 |
| Dwelling Units                | # DUs | Noise Reduction |           |           |    |      |    |         |      |     |   |      |
|                               |       | Min<br>dB       | Avg<br>dB | Max<br>dB |    |      |    |         |      |     |   |      |
| All Selected                  | 56    | 0.0             | 0.0       | 0.0       |    |      |    |         |      |     |   |      |
| All Impacted                  | 25    | 0.0             | 0.0       | 0.0       |    |      |    |         |      |     |   |      |
| All that meet NR Goal         | 0     | 0.0             | 0.0       | 0.0       |    |      |    |         |      |     |   |      |

## INPUT: ROADWAYS

8207

|                                       |                                    |          |     |             |             |          |              |            |          |         |         |
|---------------------------------------|------------------------------------|----------|-----|-------------|-------------|----------|--------------|------------|----------|---------|---------|
| Dudek                                 |                                    |          |     |             |             |          |              |            |          |         |         |
| M Greene                              |                                    |          |     |             |             |          |              |            |          |         |         |
|                                       |                                    |          |     |             |             |          |              |            |          |         |         |
| INPUT: ROADWAYS                       |                                    |          |     |             |             |          |              |            |          |         |         |
| PROJECT/CONTRACT:                     | 8207                               |          |     |             |             |          |              |            |          |         |         |
| RUN:                                  | OtyRnchV14PrctrVlly2030wProj w Mit |          |     |             |             |          |              |            |          |         |         |
| Roadway                               |                                    | Points   |     |             |             |          |              |            |          |         |         |
| Name                                  | Width                              | Name     | No. | Coordinates | (pavement)  |          | Flow Control |            |          | Segment |         |
|                                       |                                    |          |     | X           | Y           | Z        | Control      | Speed      | Percent  | Pvmt    | On      |
|                                       |                                    |          |     |             |             |          | Device       | Constraint | Vehicles | Type    | Struct? |
|                                       |                                    |          |     |             |             |          |              |            | Affected |         |         |
|                                       | ft                                 |          |     | ft          | ft          | ft       |              | mph        | %        |         |         |
| Melody Road - Proctor Vly Rd - SR-94  | 25.0                               | point379 | 379 | 6,368,196.0 | 1,836,340.0 | 1,030.00 |              |            |          | Average |         |
|                                       |                                    | point380 | 380 | 6,371,196.0 | 1,836,340.0 | 950.00   |              |            |          |         |         |
| PrctrVllyRd - Melody Rd-SchleeCyn Rd  | 45.0                               | point381 | 381 | 6,368,180.0 | 1,836,341.0 | 1,040.00 |              |            |          | Average |         |
|                                       |                                    | point382 | 382 | 6,368,180.0 | 1,838,940.0 | 1,044.00 |              |            |          |         |         |
| PrctrVllyRd - SchleeCyn Rd-MaxfieldRd | 25.0                               | point383 | 383 | 6,368,180.0 | 1,839,000.0 | 1,044.00 |              |            |          | Average |         |
|                                       |                                    | point384 | 384 | 6,371,263.5 | 1,839,000.0 | 1,040.00 |              |            |          |         |         |
| Proctor Valley Rd-HuntePkyw-Northwd   | 100.0                              | point385 | 385 | 6,348,800.5 | 1,820,600.0 | 630.00   |              |            |          | Average |         |
|                                       |                                    | point387 | 387 | 6,346,800.5 | 1,820,600.0 | 700.00   |              |            |          | Average |         |
|                                       |                                    | point445 | 445 | 6,346,300.5 | 1,820,600.0 | 687.50   |              |            |          | Average |         |
|                                       |                                    | point444 | 444 | 6,345,800.5 | 1,820,600.0 | 675.00   |              |            |          | Average |         |
|                                       |                                    | point386 | 386 | 6,344,801.5 | 1,820,600.0 | 650.00   |              |            |          |         |         |
| Proctor Valley Rd-Lane Ave-HuntePkwY  | 100.0                              | point388 | 388 | 6,344,800.0 | 1,820,600.0 | 650.00   |              |            |          | Average |         |
|                                       |                                    | point434 | 434 | 6,344,050.0 | 1,820,600.0 | 646.00   |              |            |          | Average |         |
|                                       |                                    | point389 | 389 | 6,343,300.0 | 1,820,600.0 | 642.00   |              |            |          |         |         |
| Proctor Valley Rd-MtMglRd - Lane Ave  | 100.0                              | point390 | 390 | 6,343,295.0 | 1,820,600.0 | 642.00   |              |            |          | Average |         |
|                                       |                                    | point392 | 392 | 6,342,130.0 | 1,820,600.0 | 670.00   |              |            |          | Average |         |
|                                       |                                    | point430 | 430 | 6,340,965.0 | 1,820,600.0 | 629.00   |              |            |          | Average |         |
|                                       |                                    | point431 | 431 | 6,340,382.5 | 1,820,600.0 | 608.50   |              |            |          | Average |         |
|                                       |                                    | point391 | 391 | 6,339,800.0 | 1,820,600.0 | 588.00   |              |            |          |         |         |
| SnMglRnch/Mt MglRd-SR125-PrctrVlly    | 70.0                               | point394 | 394 | 6,339,800.0 | 1,820,601.0 | 588.00   |              |            |          | Average |         |
|                                       |                                    | point428 | 428 | 6,339,800.0 | 1,821,450.0 | 611.50   |              |            |          | Average |         |
|                                       |                                    | point395 | 395 | 6,339,800.0 | 1,822,300.0 | 635.00   |              |            |          |         |         |
| SanMglRnchRd-PrctrVllyRd - SR-125     | 75.0                               | point396 | 396 | 6,339,799.0 | 1,822,295.0 | 635.00   |              |            |          | Average |         |
|                                       |                                    | point423 | 423 | 6,338,800.0 | 1,822,294.5 | 584.75   |              |            |          | Average |         |
|                                       |                                    | point424 | 424 | 6,337,800.0 | 1,822,294.0 | 534.50   |              |            |          | Average |         |

**INPUT: ROADWAYS**
**8207**

|                                      |       |          |     |             |             |          |  |  |  |         |  |
|--------------------------------------|-------|----------|-----|-------------|-------------|----------|--|--|--|---------|--|
|                                      |       | point426 | 426 | 6,336,466.5 | 1,822,293.2 | 467.50   |  |  |  | Average |  |
|                                      |       | point397 | 397 | 6,335,800.0 | 1,822,292.9 | 434.00   |  |  |  |         |  |
| Proctor Valley Rd-SR125 - MtMglRd    | 100.0 | point398 | 398 | 6,339,800.0 | 1,820,595.0 | 588.00   |  |  |  | Average |  |
|                                      |       | point429 | 429 | 6,339,000.0 | 1,820,595.0 | 552.00   |  |  |  | Average |  |
|                                      |       | point399 | 399 | 6,338,200.0 | 1,820,595.0 | 516.00   |  |  |  |         |  |
| Northwoods Dr - ProctrVlly-BlueRdgDr | 25.0  | point400 | 400 | 6,348,800.5 | 1,820,595.0 | 630.00   |  |  |  | Average |  |
|                                      |       | point446 | 446 | 6,348,800.5 | 1,820,171.2 | 648.75   |  |  |  | Average |  |
|                                      |       | point447 | 447 | 6,348,800.5 | 1,819,747.5 | 667.50   |  |  |  | Average |  |
|                                      |       | point448 | 448 | 6,348,800.5 | 1,819,323.8 | 686.25   |  |  |  | Average |  |
|                                      |       | point401 | 401 | 6,348,800.5 | 1,818,900.0 | 705.00   |  |  |  |         |  |
| Hunte Pkwy-PrctrVllyRd - OtayLksRd   | 75.0  | point402 | 402 | 6,344,800.0 | 1,820,595.0 | 650.00   |  |  |  | Average |  |
|                                      |       | point437 | 437 | 6,344,800.0 | 1,820,182.5 | 630.00   |  |  |  | Average |  |
|                                      |       | point435 | 435 | 6,344,800.0 | 1,819,770.0 | 610.00   |  |  |  | Average |  |
|                                      |       | point436 | 436 | 6,344,800.0 | 1,819,357.5 | 590.00   |  |  |  | Average |  |
|                                      |       | point406 | 406 | 6,344,800.0 | 1,818,945.0 | 570.00   |  |  |  | Average |  |
|                                      |       | point403 | 403 | 6,344,800.0 | 1,818,395.0 | 619.00   |  |  |  |         |  |
| Hunte Pkwy-OtayLksRd-OlmpcPkwy       | 85.0  | point407 | 407 | 6,344,800.0 | 1,818,395.0 | 619.00   |  |  |  | Average |  |
|                                      |       | point438 | 438 | 6,344,800.0 | 1,817,682.5 | 626.75   |  |  |  | Average |  |
|                                      |       | point439 | 439 | 6,344,800.0 | 1,816,970.0 | 634.50   |  |  |  | Average |  |
|                                      |       | point440 | 440 | 6,344,800.0 | 1,816,257.5 | 642.25   |  |  |  | Average |  |
|                                      |       | point409 | 409 | 6,344,800.0 | 1,815,545.0 | 650.00   |  |  |  | Average |  |
|                                      |       | point408 | 408 | 6,344,800.0 | 1,812,695.0 | 525.00   |  |  |  |         |  |
| Hunte Pkwy-OlmpcPkwy-EastlkPkwy      | 105.0 | point410 | 410 | 6,344,800.0 | 1,812,690.0 | 525.00   |  |  |  | Average |  |
|                                      |       | point412 | 412 | 6,344,800.0 | 1,810,821.2 | 460.00   |  |  |  | Average |  |
|                                      |       | point441 | 441 | 6,344,800.0 | 1,809,416.0 | 485.00   |  |  |  | Average |  |
|                                      |       | point442 | 442 | 6,344,800.0 | 1,808,010.6 | 510.00   |  |  |  | Average |  |
|                                      |       | point443 | 443 | 6,344,800.0 | 1,806,605.2 | 535.00   |  |  |  | Average |  |
|                                      |       | point411 | 411 | 6,344,800.0 | 1,805,200.0 | 560.00   |  |  |  |         |  |
| Lane Ave PrctrVllyRd-OtayLksRd       | 75.0  | point415 | 415 | 6,343,300.0 | 1,820,600.0 | 642.00   |  |  |  | Average |  |
|                                      |       | point433 | 433 | 6,343,300.0 | 1,819,775.0 | 632.75   |  |  |  | Average |  |
|                                      |       | point432 | 432 | 6,343,300.0 | 1,818,950.0 | 623.50   |  |  |  | Average |  |
|                                      |       | point416 | 416 | 6,343,300.0 | 1,817,300.0 | 605.00   |  |  |  |         |  |
| PrctrVllyRd - MaxfieldRd to SR-94    | 30.0  | point421 | 421 | 6,371,265.0 | 1,839,010.0 | 1,040.00 |  |  |  | Average |  |
|                                      |       | point449 | 449 | 6,371,265.0 | 1,839,505.0 | 1,020.00 |  |  |  | Average |  |
|                                      |       | point422 | 422 | 6,371,265.0 | 1,840,000.0 | 1,000.00 |  |  |  |         |  |
| Proctor Valley Rd - Ent 7 to Ent 8   | 40.0  | point845 | 845 | 6,360,531.5 | 1,833,317.4 | 906.00   |  |  |  | Average |  |
|                                      |       | point847 | 847 | 6,360,575.5 | 1,833,349.5 | 907.90   |  |  |  | Average |  |
|                                      |       | point848 | 848 | 6,360,599.5 | 1,833,371.0 | 909.90   |  |  |  | Average |  |
|                                      |       | point849 | 849 | 6,360,619.5 | 1,833,396.1 | 911.90   |  |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|                                           |      |          |     |             |             |        |  |  |  |         |  |
|-------------------------------------------|------|----------|-----|-------------|-------------|--------|--|--|--|---------|--|
|                                           |      | point850 | 850 | 6,360,635.5 | 1,833,424.1 | 913.80 |  |  |  | Average |  |
|                                           |      | point851 | 851 | 6,360,691.0 | 1,833,542.9 | 922.50 |  |  |  | Average |  |
|                                           |      | point852 | 852 | 6,360,706.0 | 1,833,570.1 | 924.20 |  |  |  | Average |  |
|                                           |      | point853 | 853 | 6,360,725.0 | 1,833,594.6 | 924.70 |  |  |  | Average |  |
|                                           |      | point854 | 854 | 6,360,747.5 | 1,833,615.9 | 925.20 |  |  |  | Average |  |
|                                           |      | point855 | 855 | 6,360,829.5 | 1,833,682.5 | 927.00 |  |  |  | Average |  |
|                                           |      | point856 | 856 | 6,360,855.5 | 1,833,707.2 | 927.50 |  |  |  | Average |  |
|                                           |      | point857 | 857 | 6,360,876.0 | 1,833,736.1 | 928.20 |  |  |  | Average |  |
|                                           |      | point858 | 858 | 6,360,891.5 | 1,833,768.2 | 929.40 |  |  |  | Average |  |
|                                           |      | point859 | 859 | 6,360,896.5 | 1,833,806.6 | 930.60 |  |  |  | Average |  |
|                                           |      | point860 | 860 | 6,360,896.5 | 1,833,838.9 | 931.80 |  |  |  | Average |  |
|                                           |      | point861 | 861 | 6,360,896.5 | 1,834,681.8 | 923.90 |  |  |  | Average |  |
|                                           |      | point862 | 862 | 6,360,893.5 | 1,834,739.8 | 919.80 |  |  |  | Average |  |
|                                           |      | point863 | 863 | 6,360,885.0 | 1,834,798.1 | 915.70 |  |  |  | Average |  |
|                                           |      | point864 | 864 | 6,360,878.0 | 1,834,855.4 | 911.70 |  |  |  | Average |  |
|                                           |      | point893 | 893 | 6,360,868.5 | 1,834,918.4 | 908.80 |  |  |  |         |  |
| Proctor Valley Road - Ent 9 to Melody     | 25.0 | point881 | 881 | 6,368,149.0 | 1,836,340.0 | 960.00 |  |  |  | Average |  |
|                                           |      | point882 | 882 | 6,366,145.0 | 1,836,340.0 | 968.00 |  |  |  | Average |  |
|                                           |      | point883 | 883 | 6,362,537.5 | 1,836,340.0 | 910.00 |  |  |  |         |  |
| Proctor Valley Road - Proj Ent 1 to Chula | 60.0 | point884 | 884 | 6,354,425.0 | 1,823,684.4 | 591.80 |  |  |  | Average |  |
|                                           |      | point602 | 602 | 6,354,319.0 | 1,823,650.4 | 591.10 |  |  |  | Average |  |
|                                           |      | point603 | 603 | 6,354,213.0 | 1,823,616.2 | 591.00 |  |  |  | Average |  |
|                                           |      | point604 | 604 | 6,354,107.0 | 1,823,582.2 | 589.90 |  |  |  | Average |  |
|                                           |      | point605 | 605 | 6,354,001.0 | 1,823,548.1 | 588.80 |  |  |  | Average |  |
|                                           |      | point606 | 606 | 6,353,895.0 | 1,823,514.1 | 587.60 |  |  |  | Average |  |
|                                           |      | point607 | 607 | 6,353,846.5 | 1,823,497.4 | 587.10 |  |  |  | Average |  |
|                                           |      | point608 | 608 | 6,353,799.0 | 1,823,478.8 | 586.60 |  |  |  | Average |  |
|                                           |      | point609 | 609 | 6,353,752.5 | 1,823,458.0 | 586.10 |  |  |  | Average |  |
|                                           |      | point610 | 610 | 6,353,706.5 | 1,823,435.4 | 585.60 |  |  |  | Average |  |
|                                           |      | point611 | 611 | 6,353,662.0 | 1,823,410.8 | 585.10 |  |  |  | Average |  |
|                                           |      | point612 | 612 | 6,353,618.0 | 1,823,384.4 | 584.60 |  |  |  | Average |  |
|                                           |      | point613 | 613 | 6,353,575.5 | 1,823,356.0 | 584.10 |  |  |  | Average |  |
|                                           |      | point614 | 614 | 6,353,534.5 | 1,823,326.0 | 583.60 |  |  |  | Average |  |
|                                           |      | point615 | 615 | 6,353,494.5 | 1,823,294.1 | 583.10 |  |  |  | Average |  |
|                                           |      | point616 | 616 | 6,353,456.0 | 1,823,260.6 | 582.50 |  |  |  | Average |  |
|                                           |      | point617 | 617 | 6,353,419.0 | 1,823,225.6 | 582.00 |  |  |  | Average |  |
|                                           |      | point618 | 618 | 6,353,383.5 | 1,823,188.9 | 581.50 |  |  |  | Average |  |
|                                           |      | point619 | 619 | 6,353,349.5 | 1,823,150.9 | 581.00 |  |  |  | Average |  |
|                                           |      | point620 | 620 | 6,353,317.0 | 1,823,111.2 | 580.50 |  |  |  | Average |  |

## INPUT: ROADWAYS

8207

|  |          |     |             |             |        |  |  |         |  |
|--|----------|-----|-------------|-------------|--------|--|--|---------|--|
|  | point621 | 621 | 6,353,286.5 | 1,823,070.4 | 580.00 |  |  | Average |  |
|  | point622 | 622 | 6,353,257.5 | 1,823,028.2 | 579.50 |  |  | Average |  |
|  | point623 | 623 | 6,353,230.5 | 1,822,985.0 | 579.00 |  |  | Average |  |
|  | point624 | 624 | 6,353,139.5 | 1,822,831.8 | 577.20 |  |  | Average |  |
|  | point625 | 625 | 6,353,113.0 | 1,822,789.2 | 576.70 |  |  | Average |  |
|  | point626 | 626 | 6,353,084.5 | 1,822,747.9 | 576.30 |  |  | Average |  |
|  | point627 | 627 | 6,353,055.0 | 1,822,707.8 | 576.60 |  |  | Average |  |
|  | point628 | 628 | 6,353,023.0 | 1,822,669.0 | 577.10 |  |  | Average |  |
|  | point629 | 629 | 6,352,990.0 | 1,822,631.5 | 577.60 |  |  | Average |  |
|  | point630 | 630 | 6,352,955.5 | 1,822,595.4 | 578.10 |  |  | Average |  |
|  | point631 | 631 | 6,352,919.0 | 1,822,560.9 | 578.60 |  |  | Average |  |
|  | point632 | 632 | 6,352,881.5 | 1,822,527.8 | 579.10 |  |  | Average |  |
|  | point633 | 633 | 6,352,842.5 | 1,822,496.2 | 579.60 |  |  | Average |  |
|  | point634 | 634 | 6,352,802.5 | 1,822,466.5 | 580.10 |  |  | Average |  |
|  | point635 | 635 | 6,352,761.0 | 1,822,438.4 | 580.60 |  |  | Average |  |
|  | point636 | 636 | 6,352,718.5 | 1,822,412.0 | 581.10 |  |  | Average |  |
|  | point637 | 637 | 6,352,675.0 | 1,822,387.5 | 580.60 |  |  | Average |  |
|  | point638 | 638 | 6,352,630.5 | 1,822,364.8 | 581.00 |  |  | Average |  |
|  | point639 | 639 | 6,352,585.0 | 1,822,343.9 | 581.50 |  |  | Average |  |
|  | point640 | 640 | 6,352,538.5 | 1,822,325.0 | 582.00 |  |  | Average |  |
|  | point641 | 641 | 6,352,443.5 | 1,822,288.4 | 583.10 |  |  | Average |  |
|  | point642 | 642 | 6,352,397.5 | 1,822,269.0 | 583.30 |  |  | Average |  |
|  | point643 | 643 | 6,352,352.5 | 1,822,247.0 | 583.20 |  |  | Average |  |
|  | point644 | 644 | 6,352,309.0 | 1,822,222.2 | 582.70 |  |  | Average |  |
|  | point645 | 645 | 6,352,267.5 | 1,822,194.9 | 582.20 |  |  | Average |  |
|  | point646 | 646 | 6,352,227.0 | 1,822,165.1 | 581.70 |  |  | Average |  |
|  | point647 | 647 | 6,352,189.0 | 1,822,133.0 | 581.20 |  |  | Average |  |
|  | point648 | 648 | 6,352,153.0 | 1,822,098.5 | 580.70 |  |  | Average |  |
|  | point649 | 649 | 6,352,119.0 | 1,822,062.0 | 580.20 |  |  | Average |  |
|  | point650 | 650 | 6,352,087.0 | 1,822,023.5 | 579.70 |  |  | Average |  |
|  | point651 | 651 | 6,352,057.5 | 1,821,983.0 | 579.20 |  |  | Average |  |
|  | point652 | 652 | 6,352,031.0 | 1,821,941.0 | 578.70 |  |  | Average |  |
|  | point653 | 653 | 6,352,006.5 | 1,821,897.4 | 578.20 |  |  | Average |  |
|  | point654 | 654 | 6,351,985.0 | 1,821,852.2 | 577.70 |  |  | Average |  |
|  | point655 | 655 | 6,351,966.0 | 1,821,806.0 | 577.20 |  |  | Average |  |
|  | point656 | 656 | 6,351,950.0 | 1,821,758.8 | 576.70 |  |  | Average |  |
|  | point657 | 657 | 6,351,919.0 | 1,821,657.0 | 575.60 |  |  | Average |  |
|  | point658 | 658 | 6,351,888.0 | 1,821,555.1 | 574.50 |  |  | Average |  |
|  | point659 | 659 | 6,351,857.0 | 1,821,453.4 | 573.50 |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|  |  |          |     |             |             |        |  |  |  |         |  |
|--|--|----------|-----|-------------|-------------|--------|--|--|--|---------|--|
|  |  | point660 | 660 | 6,351,826.0 | 1,821,351.6 | 572.40 |  |  |  | Average |  |
|  |  | point661 | 661 | 6,351,795.0 | 1,821,249.9 | 571.30 |  |  |  | Average |  |
|  |  | point662 | 662 | 6,351,764.0 | 1,821,148.0 | 570.30 |  |  |  | Average |  |
|  |  | point663 | 663 | 6,351,752.0 | 1,821,111.1 | 569.90 |  |  |  | Average |  |
|  |  | point664 | 664 | 6,351,738.5 | 1,821,074.8 | 569.50 |  |  |  | Average |  |
|  |  | point665 | 665 | 6,351,704.0 | 1,820,986.4 | 568.60 |  |  |  | Average |  |
|  |  | point666 | 666 | 6,351,669.5 | 1,820,898.0 | 568.40 |  |  |  | Average |  |
|  |  | point667 | 667 | 6,351,635.0 | 1,820,809.8 | 569.40 |  |  |  | Average |  |
|  |  | point668 | 668 | 6,351,600.0 | 1,820,721.4 | 570.40 |  |  |  | Average |  |
|  |  | point669 | 669 | 6,351,565.5 | 1,820,633.0 | 571.30 |  |  |  | Average |  |
|  |  | point670 | 670 | 6,351,531.0 | 1,820,544.6 | 572.20 |  |  |  | Average |  |
|  |  | point671 | 671 | 6,351,496.5 | 1,820,456.4 | 572.80 |  |  |  | Average |  |
|  |  | point672 | 672 | 6,351,461.5 | 1,820,368.0 | 571.90 |  |  |  | Average |  |
|  |  | point673 | 673 | 6,351,442.5 | 1,820,323.2 | 571.40 |  |  |  | Average |  |
|  |  | point674 | 674 | 6,351,420.0 | 1,820,279.9 | 570.90 |  |  |  | Average |  |
|  |  | point675 | 675 | 6,351,394.5 | 1,820,238.2 | 570.40 |  |  |  | Average |  |
|  |  | point676 | 676 | 6,351,366.5 | 1,820,198.5 | 569.90 |  |  |  | Average |  |
|  |  | point677 | 677 | 6,351,335.5 | 1,820,160.8 | 569.40 |  |  |  | Average |  |
|  |  | point678 | 678 | 6,351,302.0 | 1,820,125.4 | 568.90 |  |  |  | Average |  |
|  |  | point679 | 679 | 6,351,266.0 | 1,820,092.2 | 568.40 |  |  |  | Average |  |
|  |  | point680 | 680 | 6,351,228.0 | 1,820,061.8 | 567.90 |  |  |  | Average |  |
|  |  | point681 | 681 | 6,351,188.0 | 1,820,034.0 | 567.50 |  |  |  | Average |  |
|  |  | point682 | 682 | 6,351,146.0 | 1,820,009.1 | 567.00 |  |  |  | Average |  |
|  |  | point683 | 683 | 6,351,102.5 | 1,819,987.2 | 566.50 |  |  |  | Average |  |
|  |  | point684 | 684 | 6,351,057.5 | 1,819,968.5 | 566.00 |  |  |  | Average |  |
|  |  | point685 | 685 | 6,351,011.0 | 1,819,952.9 | 565.50 |  |  |  | Average |  |
|  |  | point686 | 686 | 6,350,964.0 | 1,819,940.5 | 565.00 |  |  |  | Average |  |
|  |  | point687 | 687 | 6,350,916.0 | 1,819,931.4 | 564.50 |  |  |  | Average |  |
|  |  | point688 | 688 | 6,350,867.5 | 1,819,925.6 | 564.00 |  |  |  | Average |  |
|  |  | point689 | 689 | 6,350,819.0 | 1,819,923.4 | 563.60 |  |  |  | Average |  |
|  |  | point690 | 690 | 6,350,770.0 | 1,819,924.4 | 563.10 |  |  |  | Average |  |
|  |  | point691 | 691 | 6,350,721.5 | 1,819,928.9 | 562.60 |  |  |  | Average |  |
|  |  | point692 | 692 | 6,350,625.0 | 1,819,941.2 | 561.70 |  |  |  | Average |  |
|  |  | point693 | 693 | 6,350,528.5 | 1,819,953.5 | 561.60 |  |  |  | Average |  |
|  |  | point694 | 694 | 6,350,432.0 | 1,819,965.8 | 562.60 |  |  |  | Average |  |
|  |  | point695 | 695 | 6,350,335.5 | 1,819,978.1 | 565.10 |  |  |  | Average |  |
|  |  | point696 | 696 | 6,350,239.0 | 1,819,990.4 | 568.80 |  |  |  | Average |  |
|  |  | point697 | 697 | 6,350,142.5 | 1,820,002.6 | 572.20 |  |  |  | Average |  |
|  |  | point698 | 698 | 6,350,045.5 | 1,820,015.0 | 575.60 |  |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|                                       |      |          |     |             |             |        |  |  |  |         |  |
|---------------------------------------|------|----------|-----|-------------|-------------|--------|--|--|--|---------|--|
|                                       |      | point699 | 699 | 6,349,996.5 | 1,820,022.0 | 577.30 |  |  |  | Average |  |
|                                       |      | point700 | 700 | 6,349,948.0 | 1,820,030.8 | 579.00 |  |  |  | Average |  |
|                                       |      | point701 | 701 | 6,349,899.5 | 1,820,041.0 | 580.80 |  |  |  | Average |  |
|                                       |      | point702 | 702 | 6,349,851.5 | 1,820,052.9 | 582.50 |  |  |  | Average |  |
|                                       |      | point703 | 703 | 6,349,804.0 | 1,820,066.2 | 584.20 |  |  |  | Average |  |
|                                       |      | point704 | 704 | 6,349,756.5 | 1,820,081.4 | 585.90 |  |  |  | Average |  |
|                                       |      | point705 | 705 | 6,349,710.0 | 1,820,097.9 | 587.70 |  |  |  | Average |  |
|                                       |      | point706 | 706 | 6,349,664.0 | 1,820,116.0 | 589.40 |  |  |  | Average |  |
|                                       |      | point707 | 707 | 6,349,618.5 | 1,820,135.6 | 591.10 |  |  |  | Average |  |
|                                       |      | point708 | 708 | 6,349,573.5 | 1,820,156.6 | 592.80 |  |  |  | Average |  |
|                                       |      | point709 | 709 | 6,349,529.5 | 1,820,179.2 | 594.60 |  |  |  | Average |  |
|                                       |      | point710 | 710 | 6,349,486.5 | 1,820,203.2 | 596.30 |  |  |  | Average |  |
|                                       |      | point711 | 711 | 6,349,389.0 | 1,820,259.2 | 600.20 |  |  |  | Average |  |
|                                       |      | point712 | 712 | 6,349,292.0 | 1,820,315.2 | 604.10 |  |  |  | Average |  |
|                                       |      | point713 | 713 | 6,349,194.5 | 1,820,371.4 | 608.00 |  |  |  | Average |  |
|                                       |      | point714 | 714 | 6,349,097.5 | 1,820,427.4 | 611.90 |  |  |  | Average |  |
|                                       |      | point715 | 715 | 6,349,000.0 | 1,820,483.4 | 615.90 |  |  |  | Average |  |
|                                       |      | point716 | 716 | 6,348,903.0 | 1,820,539.5 | 619.80 |  |  |  | Average |  |
|                                       |      | point717 | 717 | 6,348,819.5 | 1,820,587.5 | 624.60 |  |  |  |         |  |
| Proctor Valley Road - Proj Ent 1 to 2 | 60.0 | point886 | 886 | 6,354,855.5 | 1,824,377.8 | 603.80 |  |  |  | Average |  |
|                                       |      | point592 | 592 | 6,354,808.0 | 1,824,274.2 | 602.10 |  |  |  | Average |  |
|                                       |      | point593 | 593 | 6,354,761.0 | 1,824,170.8 | 600.40 |  |  |  | Average |  |
|                                       |      | point594 | 594 | 6,354,713.5 | 1,824,067.2 | 598.60 |  |  |  | Average |  |
|                                       |      | point595 | 595 | 6,354,692.5 | 1,824,024.8 | 597.90 |  |  |  | Average |  |
|                                       |      | point596 | 596 | 6,354,668.5 | 1,823,983.8 | 597.20 |  |  |  | Average |  |
|                                       |      | point597 | 597 | 6,354,641.5 | 1,823,944.5 | 596.40 |  |  |  | Average |  |
|                                       |      | point598 | 598 | 6,354,612.5 | 1,823,907.2 | 595.70 |  |  |  | Average |  |
|                                       |      | point599 | 599 | 6,354,550.0 | 1,823,833.0 | 594.20 |  |  |  | Average |  |
|                                       |      | point885 | 885 | 6,354,487.5 | 1,823,758.6 | 593.10 |  |  |  | Average |  |
|                                       |      | point601 | 601 | 6,354,425.0 | 1,823,684.4 | 591.80 |  |  |  |         |  |
| Proctor Valley Road - Proj Ent 2 to 3 | 60.0 | point887 | 887 | 6,355,996.0 | 1,826,801.6 | 649.50 |  |  |  | Average |  |
|                                       |      | point551 | 551 | 6,355,981.0 | 1,826,756.0 | 648.90 |  |  |  | Average |  |
|                                       |      | point552 | 552 | 6,355,967.5 | 1,826,709.8 | 648.10 |  |  |  | Average |  |
|                                       |      | point553 | 553 | 6,355,957.0 | 1,826,662.9 | 647.30 |  |  |  | Average |  |
|                                       |      | point554 | 554 | 6,355,948.5 | 1,826,615.6 | 646.50 |  |  |  | Average |  |
|                                       |      | point555 | 555 | 6,355,942.5 | 1,826,567.9 | 645.70 |  |  |  | Average |  |
|                                       |      | point556 | 556 | 6,355,939.0 | 1,826,520.0 | 644.90 |  |  |  | Average |  |
|                                       |      | point557 | 557 | 6,355,934.0 | 1,826,413.9 | 643.10 |  |  |  | Average |  |
|                                       |      | point558 | 558 | 6,355,929.0 | 1,826,307.8 | 641.40 |  |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|                                       |      |          |     |             |             |        |  |  |  |         |  |
|---------------------------------------|------|----------|-----|-------------|-------------|--------|--|--|--|---------|--|
|                                       |      | point559 | 559 | 6,355,924.0 | 1,826,201.6 | 639.60 |  |  |  | Average |  |
|                                       |      | point560 | 560 | 6,355,919.0 | 1,826,095.5 | 637.80 |  |  |  | Average |  |
|                                       |      | point561 | 561 | 6,355,914.0 | 1,825,989.4 | 636.30 |  |  |  | Average |  |
|                                       |      | point562 | 562 | 6,355,909.0 | 1,825,883.2 | 635.20 |  |  |  | Average |  |
|                                       |      | point563 | 563 | 6,355,904.0 | 1,825,777.1 | 634.10 |  |  |  | Average |  |
|                                       |      | point564 | 564 | 6,355,899.5 | 1,825,727.6 | 633.60 |  |  |  | Average |  |
|                                       |      | point565 | 565 | 6,355,891.0 | 1,825,678.8 | 633.10 |  |  |  | Average |  |
|                                       |      | point566 | 566 | 6,355,878.5 | 1,825,630.8 | 632.60 |  |  |  | Average |  |
|                                       |      | point567 | 567 | 6,355,862.0 | 1,825,584.0 | 632.20 |  |  |  | Average |  |
|                                       |      | point568 | 568 | 6,355,842.0 | 1,825,538.6 | 631.70 |  |  |  | Average |  |
|                                       |      | point569 | 569 | 6,355,818.0 | 1,825,495.2 | 631.20 |  |  |  | Average |  |
|                                       |      | point570 | 570 | 6,355,790.5 | 1,825,453.9 | 630.70 |  |  |  | Average |  |
|                                       |      | point571 | 571 | 6,355,760.0 | 1,825,414.9 | 630.20 |  |  |  | Average |  |
|                                       |      | point572 | 572 | 6,355,726.0 | 1,825,378.6 | 629.70 |  |  |  | Average |  |
|                                       |      | point573 | 573 | 6,355,689.5 | 1,825,345.2 | 629.20 |  |  |  | Average |  |
|                                       |      | point574 | 574 | 6,355,650.0 | 1,825,315.0 | 628.70 |  |  |  | Average |  |
|                                       |      | point575 | 575 | 6,355,543.5 | 1,825,240.2 | 627.40 |  |  |  | Average |  |
|                                       |      | point576 | 576 | 6,355,437.5 | 1,825,165.5 | 626.10 |  |  |  | Average |  |
|                                       |      | point577 | 577 | 6,355,331.0 | 1,825,090.6 | 624.80 |  |  |  | Average |  |
|                                       |      | point578 | 578 | 6,355,292.5 | 1,825,062.0 | 624.30 |  |  |  | Average |  |
|                                       |      | point579 | 579 | 6,355,255.5 | 1,825,031.6 | 623.80 |  |  |  | Average |  |
|                                       |      | point580 | 580 | 6,355,219.5 | 1,824,999.4 | 623.30 |  |  |  | Average |  |
|                                       |      | point581 | 581 | 6,355,185.5 | 1,824,965.5 | 622.80 |  |  |  | Average |  |
|                                       |      | point582 | 582 | 6,355,153.0 | 1,824,930.0 | 622.40 |  |  |  | Average |  |
|                                       |      | point583 | 583 | 6,355,122.5 | 1,824,893.0 | 621.90 |  |  |  | Average |  |
|                                       |      | point584 | 584 | 6,355,093.5 | 1,824,854.6 | 621.30 |  |  |  | Average |  |
|                                       |      | point585 | 585 | 6,355,066.5 | 1,824,814.9 | 620.50 |  |  |  | Average |  |
|                                       |      | point586 | 586 | 6,355,041.5 | 1,824,773.8 | 619.40 |  |  |  | Average |  |
|                                       |      | point587 | 587 | 6,355,018.5 | 1,824,731.6 | 617.90 |  |  |  | Average |  |
|                                       |      | point588 | 588 | 6,354,997.5 | 1,824,688.4 | 616.00 |  |  |  | Average |  |
|                                       |      | point589 | 589 | 6,354,950.0 | 1,824,584.9 | 611.00 |  |  |  | Average |  |
|                                       |      | point590 | 590 | 6,354,902.5 | 1,824,481.4 | 606.40 |  |  |  | Average |  |
|                                       |      | point591 | 591 | 6,354,855.5 | 1,824,377.8 | 603.80 |  |  |  |         |  |
| Proctor Valley Road - Proj Ent 3 to 4 | 60.0 | point888 | 888 | 6,356,791.0 | 1,827,626.9 | 692.80 |  |  |  | Average |  |
|                                       |      | point533 | 533 | 6,356,707.0 | 1,827,562.4 | 689.10 |  |  |  | Average |  |
|                                       |      | point534 | 534 | 6,356,623.5 | 1,827,497.8 | 684.20 |  |  |  | Average |  |
|                                       |      | point535 | 535 | 6,356,593.5 | 1,827,474.2 | 682.40 |  |  |  | Average |  |
|                                       |      | point536 | 536 | 6,356,564.0 | 1,827,450.1 | 680.70 |  |  |  | Average |  |
|                                       |      | point537 | 537 | 6,356,535.0 | 1,827,425.5 | 679.00 |  |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|                                       |      |          |     |             |             |        |  |  |  |         |  |
|---------------------------------------|------|----------|-----|-------------|-------------|--------|--|--|--|---------|--|
|                                       |      | point538 | 538 | 6,356,445.5 | 1,827,348.0 | 673.40 |  |  |  | Average |  |
|                                       |      | point539 | 539 | 6,356,356.0 | 1,827,270.5 | 667.50 |  |  |  | Average |  |
|                                       |      | point540 | 540 | 6,356,266.5 | 1,827,193.0 | 662.30 |  |  |  | Average |  |
|                                       |      | point541 | 541 | 6,356,231.0 | 1,827,160.6 | 660.20 |  |  |  | Average |  |
|                                       |      | point542 | 542 | 6,356,197.0 | 1,827,126.5 | 658.30 |  |  |  | Average |  |
|                                       |      | point543 | 543 | 6,356,165.0 | 1,827,090.6 | 656.40 |  |  |  | Average |  |
|                                       |      | point544 | 544 | 6,356,134.5 | 1,827,053.2 | 655.00 |  |  |  | Average |  |
|                                       |      | point545 | 545 | 6,356,106.5 | 1,827,014.5 | 653.80 |  |  |  | Average |  |
|                                       |      | point546 | 546 | 6,356,080.0 | 1,826,974.2 | 652.90 |  |  |  | Average |  |
|                                       |      | point547 | 547 | 6,356,056.0 | 1,826,932.8 | 652.10 |  |  |  | Average |  |
|                                       |      | point548 | 548 | 6,356,033.5 | 1,826,890.0 | 650.40 |  |  |  | Average |  |
|                                       |      | point549 | 549 | 6,356,014.0 | 1,826,846.2 | 650.50 |  |  |  | Average |  |
|                                       |      | point550 | 550 | 6,355,996.0 | 1,826,801.6 | 649.50 |  |  |  |         |  |
| Proctor Valley Road - Proj Ent 4 to 5 | 60.0 | point889 | 889 | 6,359,116.5 | 1,829,950.2 | 763.10 |  |  |  | Average |  |
|                                       |      | point485 | 485 | 6,359,094.5 | 1,829,907.9 | 762.40 |  |  |  | Average |  |
|                                       |      | point486 | 486 | 6,359,072.0 | 1,829,865.5 | 761.60 |  |  |  | Average |  |
|                                       |      | point487 | 487 | 6,359,049.5 | 1,829,823.1 | 760.60 |  |  |  | Average |  |
|                                       |      | point488 | 488 | 6,359,027.5 | 1,829,780.8 | 759.00 |  |  |  | Average |  |
|                                       |      | point489 | 489 | 6,359,005.0 | 1,829,738.4 | 756.50 |  |  |  | Average |  |
|                                       |      | point490 | 490 | 6,358,982.5 | 1,829,696.0 | 753.50 |  |  |  | Average |  |
|                                       |      | point491 | 491 | 6,358,960.5 | 1,829,653.6 | 750.00 |  |  |  | Average |  |
|                                       |      | point492 | 492 | 6,358,938.0 | 1,829,611.2 | 746.90 |  |  |  | Average |  |
|                                       |      | point493 | 493 | 6,358,916.0 | 1,829,568.9 | 744.90 |  |  |  | Average |  |
|                                       |      | point494 | 494 | 6,358,893.5 | 1,829,526.5 | 743.00 |  |  |  | Average |  |
|                                       |      | point495 | 495 | 6,358,871.0 | 1,829,484.1 | 741.50 |  |  |  | Average |  |
|                                       |      | point496 | 496 | 6,358,849.0 | 1,829,441.8 | 740.10 |  |  |  | Average |  |
|                                       |      | point497 | 497 | 6,358,803.5 | 1,829,368.9 | 737.40 |  |  |  | Average |  |
|                                       |      | point498 | 498 | 6,358,748.5 | 1,829,303.2 | 734.70 |  |  |  | Average |  |
|                                       |      | point499 | 499 | 6,358,712.0 | 1,829,265.8 | 733.10 |  |  |  | Average |  |
|                                       |      | point500 | 500 | 6,358,675.5 | 1,829,228.2 | 731.40 |  |  |  | Average |  |
|                                       |      | point501 | 501 | 6,358,639.0 | 1,829,190.8 | 729.80 |  |  |  | Average |  |
|                                       |      | point502 | 502 | 6,358,602.5 | 1,829,153.2 | 728.10 |  |  |  | Average |  |
|                                       |      | point503 | 503 | 6,358,566.5 | 1,829,115.8 | 726.50 |  |  |  | Average |  |
|                                       |      | point504 | 504 | 6,358,530.0 | 1,829,078.2 | 724.80 |  |  |  | Average |  |
|                                       |      | point505 | 505 | 6,358,493.5 | 1,829,040.8 | 723.20 |  |  |  | Average |  |
|                                       |      | point506 | 506 | 6,358,457.0 | 1,829,003.2 | 721.50 |  |  |  | Average |  |
|                                       |      | point507 | 507 | 6,358,421.0 | 1,828,965.2 | 719.90 |  |  |  | Average |  |
|                                       |      | point508 | 508 | 6,358,385.5 | 1,828,927.2 | 718.30 |  |  |  | Average |  |
|                                       |      | point509 | 509 | 6,358,349.5 | 1,828,889.1 | 716.70 |  |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|                                       |      |          |     |             |             |        |  |  |  |         |  |
|---------------------------------------|------|----------|-----|-------------|-------------|--------|--|--|--|---------|--|
|                                       |      | point510 | 510 | 6,358,313.5 | 1,828,851.1 | 715.20 |  |  |  | Average |  |
|                                       |      | point511 | 511 | 6,358,278.0 | 1,828,813.1 | 714.20 |  |  |  | Average |  |
|                                       |      | point512 | 512 | 6,358,242.0 | 1,828,775.1 | 713.60 |  |  |  | Average |  |
|                                       |      | point513 | 513 | 6,358,206.0 | 1,828,737.0 | 713.00 |  |  |  | Average |  |
|                                       |      | point514 | 514 | 6,358,170.5 | 1,828,699.0 | 712.50 |  |  |  | Average |  |
|                                       |      | point515 | 515 | 6,358,136.5 | 1,828,665.6 | 712.00 |  |  |  | Average |  |
|                                       |      | point516 | 516 | 6,358,100.0 | 1,828,635.1 | 711.50 |  |  |  | Average |  |
|                                       |      | point517 | 517 | 6,358,048.5 | 1,828,595.4 | 710.90 |  |  |  | Average |  |
|                                       |      | point518 | 518 | 6,357,964.5 | 1,828,530.9 | 709.80 |  |  |  | Average |  |
|                                       |      | point519 | 519 | 6,357,880.5 | 1,828,466.2 | 708.80 |  |  |  | Average |  |
|                                       |      | point520 | 520 | 6,357,797.0 | 1,828,401.8 | 707.70 |  |  |  | Average |  |
|                                       |      | point521 | 521 | 6,357,713.0 | 1,828,337.1 | 706.70 |  |  |  | Average |  |
|                                       |      | point522 | 522 | 6,357,629.0 | 1,828,272.6 | 705.60 |  |  |  | Average |  |
|                                       |      | point523 | 523 | 6,357,545.5 | 1,828,208.0 | 704.50 |  |  |  | Average |  |
|                                       |      | point524 | 524 | 6,357,461.5 | 1,828,143.5 | 703.50 |  |  |  | Average |  |
|                                       |      | point525 | 525 | 6,357,378.0 | 1,828,078.9 | 702.40 |  |  |  | Average |  |
|                                       |      | point526 | 526 | 6,357,294.0 | 1,828,014.4 | 701.40 |  |  |  | Average |  |
|                                       |      | point527 | 527 | 6,357,210.0 | 1,827,949.8 | 700.30 |  |  |  | Average |  |
|                                       |      | point528 | 528 | 6,357,126.5 | 1,827,885.1 | 699.20 |  |  |  | Average |  |
|                                       |      | point529 | 529 | 6,357,042.5 | 1,827,820.6 | 698.20 |  |  |  | Average |  |
|                                       |      | point530 | 530 | 6,356,958.5 | 1,827,756.0 | 697.10 |  |  |  | Average |  |
|                                       |      | point531 | 531 | 6,356,875.0 | 1,827,691.5 | 695.50 |  |  |  | Average |  |
|                                       |      | point532 | 532 | 6,356,791.0 | 1,827,626.9 | 692.80 |  |  |  |         |  |
| Proctor Valley Road - Proj Ent 5 to 6 | 60.0 | point890 | 890 | 6,359,518.0 | 1,831,098.8 | 836.00 |  |  |  | Average |  |
|                                       |      | point461 | 461 | 6,359,514.5 | 1,831,048.6 | 835.30 |  |  |  | Average |  |
|                                       |      | point462 | 462 | 6,359,510.0 | 1,830,998.5 | 834.10 |  |  |  | Average |  |
|                                       |      | point463 | 463 | 6,359,504.0 | 1,830,948.6 | 832.80 |  |  |  | Average |  |
|                                       |      | point464 | 464 | 6,359,496.5 | 1,830,898.9 | 831.00 |  |  |  | Average |  |
|                                       |      | point465 | 465 | 6,359,488.0 | 1,830,849.4 | 829.00 |  |  |  | Average |  |
|                                       |      | point466 | 466 | 6,359,478.0 | 1,830,800.0 | 825.70 |  |  |  | Average |  |
|                                       |      | point467 | 467 | 6,359,467.0 | 1,830,751.0 | 822.20 |  |  |  | Average |  |
|                                       |      | point468 | 468 | 6,359,455.0 | 1,830,702.2 | 818.00 |  |  |  | Average |  |
|                                       |      | point469 | 469 | 6,359,441.5 | 1,830,653.9 | 813.80 |  |  |  | Average |  |
|                                       |      | point470 | 470 | 6,359,427.0 | 1,830,605.8 | 809.70 |  |  |  | Average |  |
|                                       |      | point471 | 471 | 6,359,411.0 | 1,830,558.0 | 805.50 |  |  |  | Average |  |
|                                       |      | point472 | 472 | 6,359,394.0 | 1,830,510.8 | 801.30 |  |  |  | Average |  |
|                                       |      | point473 | 473 | 6,359,375.5 | 1,830,463.9 | 797.10 |  |  |  | Average |  |
|                                       |      | point474 | 474 | 6,359,356.0 | 1,830,417.5 | 793.00 |  |  |  | Average |  |
|                                       |      | point475 | 475 | 6,359,335.5 | 1,830,371.6 | 788.80 |  |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|                                 |      |          |     |             |             |        |  |  |  |         |  |
|---------------------------------|------|----------|-----|-------------|-------------|--------|--|--|--|---------|--|
|                                 |      | point476 | 476 | 6,359,314.0 | 1,830,326.4 | 784.70 |  |  |  | Average |  |
|                                 |      | point477 | 477 | 6,359,291.0 | 1,830,281.6 | 780.60 |  |  |  | Average |  |
|                                 |      | point478 | 478 | 6,359,235.5 | 1,830,176.4 | 772.20 |  |  |  | Average |  |
|                                 |      | point479 | 479 | 6,359,219.5 | 1,830,143.0 | 769.80 |  |  |  | Average |  |
|                                 |      | point480 | 480 | 6,359,203.5 | 1,830,105.4 | 768.00 |  |  |  | Average |  |
|                                 |      | point481 | 481 | 6,359,187.0 | 1,830,067.8 | 766.70 |  |  |  | Average |  |
|                                 |      | point482 | 482 | 6,359,164.0 | 1,830,021.8 | 765.10 |  |  |  | Average |  |
|                                 |      | point483 | 483 | 6,359,136.5 | 1,829,978.2 | 763.40 |  |  |  | Average |  |
|                                 |      | point484 | 484 | 6,359,116.5 | 1,829,950.2 | 763.10 |  |  |  |         |  |
| Proctor Valley Road - West Fork | 40.0 | point891 | 891 | 6,360,476.5 | 1,835,546.8 | 884.80 |  |  |  | Average |  |
|                                 |      | point763 | 763 | 6,360,443.5 | 1,835,500.8 | 885.50 |  |  |  | Average |  |
|                                 |      | point764 | 764 | 6,360,416.5 | 1,835,458.5 | 886.20 |  |  |  | Average |  |
|                                 |      | point765 | 765 | 6,360,393.5 | 1,835,413.6 | 886.80 |  |  |  | Average |  |
|                                 |      | point766 | 766 | 6,360,375.5 | 1,835,366.8 | 887.00 |  |  |  | Average |  |
|                                 |      | point767 | 767 | 6,360,368.0 | 1,835,342.8 | 887.20 |  |  |  | Average |  |
|                                 |      | point768 | 768 | 6,360,354.5 | 1,835,294.0 | 886.60 |  |  |  | Average |  |
|                                 |      | point769 | 769 | 6,360,341.5 | 1,835,245.4 | 885.90 |  |  |  | Average |  |
|                                 |      | point770 | 770 | 6,360,328.0 | 1,835,196.6 | 885.00 |  |  |  | Average |  |
|                                 |      | point771 | 771 | 6,360,314.5 | 1,835,148.0 | 884.00 |  |  |  | Average |  |
|                                 |      | point772 | 772 | 6,360,300.5 | 1,835,099.4 | 883.20 |  |  |  | Average |  |
|                                 |      | point773 | 773 | 6,360,285.0 | 1,835,051.4 | 882.50 |  |  |  | Average |  |
|                                 |      | point774 | 774 | 6,360,269.0 | 1,835,003.5 | 882.20 |  |  |  | Average |  |
|                                 |      | point775 | 775 | 6,360,253.0 | 1,834,955.5 | 882.50 |  |  |  | Average |  |
|                                 |      | point776 | 776 | 6,360,237.0 | 1,834,907.6 | 883.20 |  |  |  | Average |  |
|                                 |      | point777 | 777 | 6,360,226.5 | 1,834,870.4 | 883.90 |  |  |  | Average |  |
|                                 |      | point778 | 778 | 6,360,218.5 | 1,834,832.5 | 884.70 |  |  |  | Average |  |
|                                 |      | point779 | 779 | 6,360,209.5 | 1,834,780.4 | 886.50 |  |  |  | Average |  |
|                                 |      | point780 | 780 | 6,360,201.0 | 1,834,728.2 | 888.30 |  |  |  | Average |  |
|                                 |      | point781 | 781 | 6,360,192.0 | 1,834,676.0 | 890.60 |  |  |  | Average |  |
|                                 |      | point782 | 782 | 6,360,183.5 | 1,834,623.9 | 892.80 |  |  |  | Average |  |
|                                 |      | point783 | 783 | 6,360,173.5 | 1,834,572.0 | 895.00 |  |  |  | Average |  |
|                                 |      | point784 | 784 | 6,360,163.5 | 1,834,520.0 | 897.20 |  |  |  | Average |  |
|                                 |      | point785 | 785 | 6,360,153.5 | 1,834,468.1 | 899.50 |  |  |  | Average |  |
|                                 |      | point786 | 786 | 6,360,144.0 | 1,834,416.1 | 901.70 |  |  |  | Average |  |
|                                 |      | point787 | 787 | 6,360,134.0 | 1,834,364.2 | 904.00 |  |  |  | Average |  |
|                                 |      | point788 | 788 | 6,360,127.0 | 1,834,312.8 | 906.20 |  |  |  | Average |  |
|                                 |      | point789 | 789 | 6,360,125.0 | 1,834,261.0 | 908.30 |  |  |  | Average |  |
|                                 |      | point790 | 790 | 6,360,129.0 | 1,834,209.2 | 909.70 |  |  |  | Average |  |
|                                 |      | point791 | 791 | 6,360,138.0 | 1,834,158.1 | 910.90 |  |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|                                       |      |          |     |             |             |        |  |  |  |         |  |
|---------------------------------------|------|----------|-----|-------------|-------------|--------|--|--|--|---------|--|
|                                       |      | point792 | 792 | 6,360,152.0 | 1,834,108.2 | 912.20 |  |  |  | Average |  |
|                                       |      | point793 | 793 | 6,360,171.5 | 1,834,060.1 | 912.80 |  |  |  | Average |  |
|                                       |      | point794 | 794 | 6,360,474.5 | 1,833,407.5 | 907.20 |  |  |  | Average |  |
|                                       |      | point795 | 795 | 6,360,484.5 | 1,833,386.6 | 907.10 |  |  |  | Average |  |
|                                       |      | point796 | 796 | 6,360,508.0 | 1,833,346.5 | 906.90 |  |  |  | Average |  |
|                                       |      | point797 | 797 | 6,360,535.0 | 1,833,308.6 | 906.70 |  |  |  |         |  |
| Proctor Valley Road - Ent 8 to Melody | 40.0 | point876 | 876 | 6,362,537.5 | 1,836,340.0 | 910.00 |  |  |  | Average |  |
|                                       |      | point877 | 877 | 6,362,460.5 | 1,836,102.2 | 904.00 |  |  |  | Average |  |
|                                       |      | point878 | 878 | 6,361,350.0 | 1,836,103.2 | 904.20 |  |  |  | Average |  |
|                                       |      | point879 | 879 | 6,361,272.5 | 1,836,104.5 | 901.80 |  |  |  | Average |  |
|                                       |      | point880 | 880 | 6,361,198.5 | 1,836,106.0 | 901.10 |  |  |  | Average |  |
|                                       |      | point450 | 450 | 6,361,196.5 | 1,836,105.6 | 901.10 |  |  |  | Average |  |
|                                       |      | point452 | 452 | 6,361,145.0 | 1,836,103.8 | 900.90 |  |  |  | Average |  |
|                                       |      | point746 | 746 | 6,361,094.0 | 1,836,096.6 | 901.80 |  |  |  | Average |  |
|                                       |      | point747 | 747 | 6,361,044.0 | 1,836,084.2 | 901.90 |  |  |  | Average |  |
|                                       |      | point748 | 748 | 6,360,995.5 | 1,836,066.8 | 902.00 |  |  |  | Average |  |
|                                       |      | point749 | 749 | 6,360,949.0 | 1,836,044.4 | 902.10 |  |  |  | Average |  |
|                                       |      | point750 | 750 | 6,360,905.0 | 1,836,017.4 | 902.20 |  |  |  | Average |  |
|                                       |      | point751 | 751 | 6,360,864.5 | 1,835,986.0 | 901.00 |  |  |  | Average |  |
|                                       |      | point752 | 752 | 6,360,817.5 | 1,835,945.9 | 899.60 |  |  |  | Average |  |
|                                       |      | point753 | 753 | 6,360,770.5 | 1,835,905.8 | 897.60 |  |  |  | Average |  |
|                                       |      | point754 | 754 | 6,360,723.5 | 1,835,865.8 | 894.90 |  |  |  | Average |  |
|                                       |      | point755 | 755 | 6,360,705.0 | 1,835,849.5 | 893.80 |  |  |  | Average |  |
|                                       |      | point756 | 756 | 6,360,671.5 | 1,835,814.6 | 891.70 |  |  |  | Average |  |
|                                       |      | point757 | 757 | 6,360,641.5 | 1,835,776.6 | 889.60 |  |  |  | Average |  |
|                                       |      | point758 | 758 | 6,360,608.5 | 1,835,730.6 | 888.20 |  |  |  | Average |  |
|                                       |      | point759 | 759 | 6,360,575.5 | 1,835,684.6 | 887.30 |  |  |  | Average |  |
|                                       |      | point760 | 760 | 6,360,542.5 | 1,835,638.8 | 886.50 |  |  |  | Average |  |
|                                       |      | point761 | 761 | 6,360,509.5 | 1,835,592.8 | 885.50 |  |  |  | Average |  |
|                                       |      | point762 | 762 | 6,360,476.5 | 1,835,546.8 | 884.80 |  |  |  |         |  |
| Proctor Valley Road - Proj Ent 6 to 7 | 60.0 | point892 | 892 | 6,360,535.0 | 1,833,308.6 | 906.70 |  |  |  | Average |  |
|                                       |      | point798 | 798 | 6,360,565.5 | 1,833,273.4 | 906.00 |  |  |  | Average |  |
|                                       |      | point799 | 799 | 6,360,677.0 | 1,833,156.2 | 901.10 |  |  |  | Average |  |
|                                       |      | point800 | 800 | 6,360,710.0 | 1,833,117.9 | 899.00 |  |  |  | Average |  |
|                                       |      | point801 | 801 | 6,360,739.0 | 1,833,076.4 | 896.70 |  |  |  | Average |  |
|                                       |      | point802 | 802 | 6,360,763.5 | 1,833,032.1 | 894.50 |  |  |  | Average |  |
|                                       |      | point803 | 803 | 6,360,783.5 | 1,832,985.6 | 892.30 |  |  |  | Average |  |
|                                       |      | point804 | 804 | 6,360,798.5 | 1,832,937.2 | 890.50 |  |  |  | Average |  |
|                                       |      | point805 | 805 | 6,360,809.0 | 1,832,887.8 | 888.80 |  |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|  |          |     |             |             |        |  |  |  |         |  |
|--|----------|-----|-------------|-------------|--------|--|--|--|---------|--|
|  | point806 | 806 | 6,360,814.0 | 1,832,837.4 | 888.30 |  |  |  | Average |  |
|  | point807 | 807 | 6,360,814.0 | 1,832,786.8 | 887.80 |  |  |  | Average |  |
|  | point808 | 808 | 6,360,809.0 | 1,832,736.4 | 887.20 |  |  |  | Average |  |
|  | point809 | 809 | 6,360,799.0 | 1,832,686.8 | 886.80 |  |  |  | Average |  |
|  | point810 | 810 | 6,360,784.0 | 1,832,638.5 | 887.60 |  |  |  | Average |  |
|  | point811 | 811 | 6,360,722.5 | 1,832,472.2 | 893.10 |  |  |  | Average |  |
|  | point812 | 812 | 6,360,714.5 | 1,832,452.8 | 894.00 |  |  |  | Average |  |
|  | point813 | 813 | 6,360,706.0 | 1,832,433.5 | 894.90 |  |  |  | Average |  |
|  | point814 | 814 | 6,360,697.0 | 1,832,414.6 | 895.70 |  |  |  | Average |  |
|  | point815 | 815 | 6,360,686.5 | 1,832,396.1 | 896.60 |  |  |  | Average |  |
|  | point816 | 816 | 6,360,676.0 | 1,832,378.1 | 897.60 |  |  |  | Average |  |
|  | point817 | 817 | 6,360,664.0 | 1,832,360.6 | 898.70 |  |  |  | Average |  |
|  | point818 | 818 | 6,360,652.0 | 1,832,343.5 | 900.40 |  |  |  | Average |  |
|  | point819 | 819 | 6,360,639.0 | 1,832,327.0 | 898.00 |  |  |  | Average |  |
|  | point820 | 820 | 6,360,469.5 | 1,832,122.2 | 908.10 |  |  |  | Average |  |
|  | point821 | 821 | 6,360,452.5 | 1,832,102.6 | 908.40 |  |  |  | Average |  |
|  | point822 | 822 | 6,360,435.0 | 1,832,083.8 | 908.80 |  |  |  | Average |  |
|  | point823 | 823 | 6,360,416.5 | 1,832,065.6 | 909.10 |  |  |  | Average |  |
|  | point824 | 824 | 6,360,397.0 | 1,832,048.4 | 909.50 |  |  |  | Average |  |
|  | point825 | 825 | 6,360,377.0 | 1,832,032.0 | 909.80 |  |  |  | Average |  |
|  | point826 | 826 | 6,360,356.0 | 1,832,016.5 | 910.10 |  |  |  | Average |  |
|  | point827 | 827 | 6,360,335.0 | 1,832,001.9 | 910.20 |  |  |  | Average |  |
|  | point828 | 828 | 6,360,313.0 | 1,831,988.1 | 910.00 |  |  |  | Average |  |
|  | point829 | 829 | 6,360,290.0 | 1,831,975.4 | 909.80 |  |  |  | Average |  |
|  | point830 | 830 | 6,360,267.0 | 1,831,963.8 | 909.60 |  |  |  | Average |  |
|  | point831 | 831 | 6,359,717.0 | 1,831,699.0 | 876.40 |  |  |  | Average |  |
|  | point832 | 832 | 6,359,693.5 | 1,831,686.6 | 874.40 |  |  |  | Average |  |
|  | point833 | 833 | 6,359,671.0 | 1,831,672.4 | 872.30 |  |  |  | Average |  |
|  | point834 | 834 | 6,359,649.5 | 1,831,656.5 | 870.30 |  |  |  | Average |  |
|  | point835 | 835 | 6,359,629.5 | 1,831,639.1 | 868.20 |  |  |  | Average |  |
|  | point836 | 836 | 6,359,611.0 | 1,831,620.2 | 866.20 |  |  |  | Average |  |
|  | point837 | 837 | 6,359,593.5 | 1,831,599.9 | 864.10 |  |  |  | Average |  |
|  | point838 | 838 | 6,359,578.0 | 1,831,578.4 | 862.00 |  |  |  | Average |  |
|  | point839 | 839 | 6,359,564.0 | 1,831,555.8 | 860.00 |  |  |  | Average |  |
|  | point840 | 840 | 6,359,552.0 | 1,831,532.1 | 857.80 |  |  |  | Average |  |
|  | point841 | 841 | 6,359,541.5 | 1,831,507.6 | 855.00 |  |  |  | Average |  |
|  | point842 | 842 | 6,359,533.0 | 1,831,482.4 | 852.40 |  |  |  | Average |  |
|  | point843 | 843 | 6,359,526.5 | 1,831,456.6 | 851.00 |  |  |  | Average |  |
|  | point453 | 453 | 6,359,522.0 | 1,831,430.4 | 849.50 |  |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|                                     |      |          |     |             |             |        |  |  |  |         |  |
|-------------------------------------|------|----------|-----|-------------|-------------|--------|--|--|--|---------|--|
|                                     |      | point454 | 454 | 6,359,519.5 | 1,831,403.9 | 847.60 |  |  |  | Average |  |
|                                     |      | point455 | 455 | 6,359,519.0 | 1,831,377.2 | 845.70 |  |  |  | Average |  |
|                                     |      | point456 | 456 | 6,359,519.0 | 1,831,350.9 | 844.60 |  |  |  | Average |  |
|                                     |      | point457 | 457 | 6,359,521.0 | 1,831,249.5 | 840.40 |  |  |  | Average |  |
|                                     |      | point458 | 458 | 6,359,521.5 | 1,831,199.2 | 838.00 |  |  |  | Average |  |
|                                     |      | point459 | 459 | 6,359,520.5 | 1,831,149.0 | 836.90 |  |  |  | Average |  |
|                                     |      | point460 | 460 | 6,359,518.0 | 1,831,098.8 | 836.00 |  |  |  |         |  |
| Proctor Valley Rd - Ent 8 to Melody | 40.0 | point894 | 894 | 6,360,868.0 | 1,834,920.0 | 908.80 |  |  |  | Average |  |
|                                     |      | point865 | 865 | 6,360,849.0 | 1,834,975.9 | 905.90 |  |  |  | Average |  |
|                                     |      | point866 | 866 | 6,360,820.5 | 1,835,031.9 | 902.60 |  |  |  | Average |  |
|                                     |      | point867 | 867 | 6,360,794.0 | 1,835,089.8 | 899.20 |  |  |  | Average |  |
|                                     |      | point868 | 868 | 6,360,762.5 | 1,835,145.4 | 896.00 |  |  |  | Average |  |
|                                     |      | point869 | 869 | 6,360,662.0 | 1,835,308.8 | 889.20 |  |  |  | Average |  |
|                                     |      | point870 | 870 | 6,360,643.0 | 1,835,337.8 | 888.10 |  |  |  | Average |  |
|                                     |      | point871 | 871 | 6,360,622.5 | 1,835,365.6 | 887.30 |  |  |  | Average |  |
|                                     |      | point872 | 872 | 6,360,591.0 | 1,835,402.4 | 886.40 |  |  |  | Average |  |
|                                     |      | point873 | 873 | 6,360,556.5 | 1,835,436.6 | 885.70 |  |  |  | Average |  |
|                                     |      | point874 | 874 | 6,360,529.5 | 1,835,460.1 | 885.40 |  |  |  | Average |  |
|                                     |      | point875 | 875 | 6,360,503.5 | 1,835,480.4 | 885.10 |  |  |  | Average |  |
|                                     |      | point846 | 846 | 6,360,457.0 | 1,835,513.6 | 884.50 |  |  |  |         |  |

INPUT: TRAFFIC FOR LAeq1h Percentages

8207

|                                       |                                    |     |         |       |     |         |     |         |     |       |     |             |     |
|---------------------------------------|------------------------------------|-----|---------|-------|-----|---------|-----|---------|-----|-------|-----|-------------|-----|
| Dudek                                 |                                    |     |         |       |     |         |     |         |     |       |     |             |     |
| M Greene                              |                                    |     |         |       |     |         |     |         |     |       |     |             |     |
|                                       |                                    |     |         |       |     |         |     |         |     |       |     |             |     |
| INPUT: TRAFFIC FOR LAeq1h Percentages |                                    |     |         |       |     |         |     |         |     |       |     |             |     |
| PROJECT/CONTRACT:                     | 8207                               |     |         |       |     |         |     |         |     |       |     |             |     |
| RUN:                                  | OtyRnchV14PrctrVlly2030wProj w Mit |     |         |       |     |         |     |         |     |       |     |             |     |
| Roadway                               | Points                             |     |         |       |     |         |     |         |     |       |     |             |     |
| Name                                  | Name                               | No. | Segment |       |     |         |     |         |     |       |     |             |     |
|                                       |                                    |     | Total   | Autos |     | MTrucks |     | HTrucks |     | Buses |     | Motorcycles |     |
|                                       |                                    |     | Volume  | P     | S   | P       | S   | P       | S   | P     | S   | P           | S   |
|                                       |                                    |     | veh/hr  | %     | mph | %       | mph | %       | mph | %     | mph | %           | mph |
| Melody Road - Proctor Vly Rd - SR-94  | point379                           | 379 | 570     | 97    | 40  | 2       | 40  | 0       | 0   | 1     | 40  | 0           | 0   |
|                                       | point380                           | 380 |         |       |     |         |     |         |     |       |     |             |     |
| PrctrVllyRd - Melody Rd-SchleeCyn Rd  | point381                           | 381 | 780     | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point382                           | 382 |         |       |     |         |     |         |     |       |     |             |     |
| PrctrVllyRd - SchleeCyn Rd-MaxfieldRd | point383                           | 383 | 600     | 97    | 40  | 2       | 40  | 0       | 0   | 1     | 40  | 0           | 0   |
|                                       | point384                           | 384 |         |       |     |         |     |         |     |       |     |             |     |
| Proctor Valley Rd-HuntePkyw-Northwd   | point385                           | 385 | 3580    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point387                           | 387 | 3580    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point445                           | 445 | 3580    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point444                           | 444 | 3580    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point386                           | 386 |         |       |     |         |     |         |     |       |     |             |     |
| Proctor Valley Rd-Lane Ave-HuntePkyw  | point388                           | 388 | 3820    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point434                           | 434 | 3820    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point389                           | 389 |         |       |     |         |     |         |     |       |     |             |     |
| Proctor Valley Rd-MtMglRd - Lane Ave  | point390                           | 390 | 4650    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point392                           | 392 | 4650    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point430                           | 430 | 4650    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point431                           | 431 | 4650    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point391                           | 391 |         |       |     |         |     |         |     |       |     |             |     |
| SnMglRnch/Mt MglRd-SR125-PrctrVlly    | point394                           | 394 | 1170    | 97    | 40  | 2       | 40  | 0       | 0   | 1     | 40  | 0           | 0   |
|                                       | point428                           | 428 | 1170    | 97    | 40  | 2       | 40  | 0       | 0   | 1     | 40  | 0           | 0   |
|                                       | point395                           | 395 |         |       |     |         |     |         |     |       |     |             |     |
| SanMglRnchRd-PrctrVllyRd - SR-125     | point396                           | 396 | 1560    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|                                      |          |     |      |    |    |   |    |   |   |   |    |   |   |
|--------------------------------------|----------|-----|------|----|----|---|----|---|---|---|----|---|---|
|                                      | point423 | 423 | 1560 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point424 | 424 | 1560 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point426 | 426 | 1560 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point397 | 397 |      |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Rd-SR125 - MtMglRd    | point398 | 398 | 3570 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point429 | 429 | 3570 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point399 | 399 |      |    |    |   |    |   |   |   |    |   |   |
| Northwoods Dr - ProctrVlly-BlueRdgDr | point400 | 400 | 190  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point446 | 446 | 190  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point447 | 447 | 190  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point448 | 448 | 190  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point401 | 401 |      |    |    |   |    |   |   |   |    |   |   |
| Hunte Pkwy-PrctrVllyRd - OtayLksRd   | point402 | 402 | 1360 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point437 | 437 | 1360 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point435 | 435 | 1360 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point436 | 436 | 1360 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point406 | 406 | 1360 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point403 | 403 |      |    |    |   |    |   |   |   |    |   |   |
| Hunte Pkwy-OtayLksRd-OlmpcPkwy       | point407 | 407 | 1970 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point438 | 438 | 1970 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point439 | 439 | 1970 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point440 | 440 | 1970 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point409 | 409 | 1970 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point408 | 408 |      |    |    |   |    |   |   |   |    |   |   |
| Hunte Pkwy-OlmpcPkwy-EastlkPkwy      | point410 | 410 | 3580 | 97 | 50 | 2 | 50 | 0 | 0 | 1 | 50 | 0 | 0 |
|                                      | point412 | 412 | 3580 | 97 | 50 | 2 | 50 | 0 | 0 | 1 | 50 | 0 | 0 |
|                                      | point441 | 441 | 3580 | 97 | 50 | 2 | 50 | 0 | 0 | 1 | 50 | 0 | 0 |
|                                      | point442 | 442 | 3580 | 97 | 50 | 2 | 50 | 0 | 0 | 1 | 50 | 0 | 0 |
|                                      | point443 | 443 | 3580 | 97 | 50 | 2 | 50 | 0 | 0 | 1 | 50 | 0 | 0 |
|                                      | point411 | 411 |      |    |    |   |    |   |   |   |    |   |   |
| Lane Ave PrctrVllyRd-OtayLksRd       | point415 | 415 | 1600 | 97 | 40 | 2 | 40 | 0 | 0 | 1 | 40 | 0 | 0 |
|                                      | point433 | 433 | 1600 | 97 | 40 | 2 | 40 | 0 | 0 | 1 | 40 | 0 | 0 |
|                                      | point432 | 432 | 1600 | 97 | 40 | 2 | 40 | 0 | 0 | 1 | 40 | 0 | 0 |
|                                      | point416 | 416 |      |    |    |   |    |   |   |   |    |   |   |
| PrctrVllyRd - MaxfieldRd to SR-94    | point421 | 421 | 570  | 97 | 40 | 2 | 40 | 0 | 0 | 1 | 40 | 0 | 0 |
|                                      | point449 | 449 | 570  | 97 | 40 | 2 | 40 | 0 | 0 | 1 | 40 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|                                           |          |     |      |    |    |   |    |   |   |   |    |   |   |
|-------------------------------------------|----------|-----|------|----|----|---|----|---|---|---|----|---|---|
|                                           | point422 | 422 |      |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Rd - Ent 7 to Ent 8        | point845 | 845 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point847 | 847 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point848 | 848 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point849 | 849 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point850 | 850 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point851 | 851 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point852 | 852 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point853 | 853 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point854 | 854 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point855 | 855 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point856 | 856 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point857 | 857 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point858 | 858 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point859 | 859 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point860 | 860 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point861 | 861 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point862 | 862 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point863 | 863 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point864 | 864 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point893 | 893 |      |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Road - Ent 9 to Melody     | point881 | 881 | 837  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point882 | 882 | 837  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point883 | 883 |      |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Road - Proj Ent 1 to Chula | point884 | 884 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point602 | 602 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point603 | 603 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point604 | 604 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point605 | 605 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point606 | 606 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point607 | 607 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point608 | 608 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point609 | 609 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point610 | 610 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point611 | 611 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point612 | 612 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|  |          |     |      |    |    |   |    |   |   |   |    |   |   |
|--|----------|-----|------|----|----|---|----|---|---|---|----|---|---|
|  | point613 | 613 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point614 | 614 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point615 | 615 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point616 | 616 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point617 | 617 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point618 | 618 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point619 | 619 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point620 | 620 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point621 | 621 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point622 | 622 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point623 | 623 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point624 | 624 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point625 | 625 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point626 | 626 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point627 | 627 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point628 | 628 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point629 | 629 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point630 | 630 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point631 | 631 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point632 | 632 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point633 | 633 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point634 | 634 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point635 | 635 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point636 | 636 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point637 | 637 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point638 | 638 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point639 | 639 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point640 | 640 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point641 | 641 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point642 | 642 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point643 | 643 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point644 | 644 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point645 | 645 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point646 | 646 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point647 | 647 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point648 | 648 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|  |          |     |      |    |    |   |    |   |   |   |    |   |   |
|--|----------|-----|------|----|----|---|----|---|---|---|----|---|---|
|  | point649 | 649 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point650 | 650 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point651 | 651 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point652 | 652 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point653 | 653 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point654 | 654 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point655 | 655 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point656 | 656 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point657 | 657 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point658 | 658 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point659 | 659 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point660 | 660 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point661 | 661 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point662 | 662 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point663 | 663 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point664 | 664 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point665 | 665 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point666 | 666 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point667 | 667 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point668 | 668 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point669 | 669 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point670 | 670 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point671 | 671 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point672 | 672 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point673 | 673 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point674 | 674 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point675 | 675 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point676 | 676 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point677 | 677 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point678 | 678 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point679 | 679 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point680 | 680 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point681 | 681 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point682 | 682 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point683 | 683 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point684 | 684 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|                                       |          |     |      |    |    |   |    |   |   |   |    |   |   |
|---------------------------------------|----------|-----|------|----|----|---|----|---|---|---|----|---|---|
|                                       | point685 | 685 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point686 | 686 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point687 | 687 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point688 | 688 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point689 | 689 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point690 | 690 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point691 | 691 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point692 | 692 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point693 | 693 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point694 | 694 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point695 | 695 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point696 | 696 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point697 | 697 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point698 | 698 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point699 | 699 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point700 | 700 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point701 | 701 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point702 | 702 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point703 | 703 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point704 | 704 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point705 | 705 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point706 | 706 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point707 | 707 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point708 | 708 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point709 | 709 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point710 | 710 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point711 | 711 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point712 | 712 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point713 | 713 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point714 | 714 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point715 | 715 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point716 | 716 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point717 | 717 |      |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Road - Proj Ent 1 to 2 | point886 | 886 | 2770 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point592 | 592 | 2770 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point593 | 593 | 2770 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|                                       |          |     |      |    |    |   |    |   |   |   |    |   |   |
|---------------------------------------|----------|-----|------|----|----|---|----|---|---|---|----|---|---|
|                                       | point594 | 594 | 2770 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point595 | 595 | 2770 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point596 | 596 | 2770 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point597 | 597 | 2770 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point598 | 598 | 2770 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point599 | 599 | 2770 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point885 | 885 | 2770 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point601 | 601 |      |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Road - Proj Ent 2 to 3 | point887 | 887 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point551 | 551 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point552 | 552 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point553 | 553 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point554 | 554 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point555 | 555 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point556 | 556 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point557 | 557 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point558 | 558 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point559 | 559 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point560 | 560 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point561 | 561 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point562 | 562 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point563 | 563 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point564 | 564 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point565 | 565 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point566 | 566 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point567 | 567 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point568 | 568 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point569 | 569 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point570 | 570 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point571 | 571 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point572 | 572 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point573 | 573 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point574 | 574 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point575 | 575 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point576 | 576 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point577 | 577 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|                                       |          |     |      |    |    |   |    |   |   |   |    |   |   |
|---------------------------------------|----------|-----|------|----|----|---|----|---|---|---|----|---|---|
|                                       | point578 | 578 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point579 | 579 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point580 | 580 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point581 | 581 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point582 | 582 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point583 | 583 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point584 | 584 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point585 | 585 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point586 | 586 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point587 | 587 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point588 | 588 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point589 | 589 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point590 | 590 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point591 | 591 |      |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Road - Proj Ent 3 to 4 | point888 | 888 | 2390 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point533 | 533 | 2390 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point534 | 534 | 2390 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point535 | 535 | 2390 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point536 | 536 | 2390 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point537 | 537 | 2390 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point538 | 538 | 2390 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point539 | 539 | 2390 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point540 | 540 | 2390 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point541 | 541 | 2390 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point542 | 542 | 2390 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point543 | 543 | 2390 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point544 | 544 | 2390 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point545 | 545 | 2390 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point546 | 546 | 2390 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point547 | 547 | 2390 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point548 | 548 | 2390 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point549 | 549 | 2390 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point550 | 550 |      |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Road - Proj Ent 4 to 5 | point889 | 889 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point485 | 485 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point486 | 486 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|  |          |     |      |    |    |   |    |   |   |   |    |   |   |
|--|----------|-----|------|----|----|---|----|---|---|---|----|---|---|
|  | point487 | 487 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point488 | 488 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point489 | 489 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point490 | 490 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point491 | 491 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point492 | 492 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point493 | 493 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point494 | 494 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point495 | 495 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point496 | 496 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point497 | 497 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point498 | 498 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point499 | 499 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point500 | 500 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point501 | 501 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point502 | 502 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point503 | 503 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point504 | 504 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point505 | 505 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point506 | 506 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point507 | 507 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point508 | 508 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point509 | 509 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point510 | 510 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point511 | 511 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point512 | 512 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point513 | 513 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point514 | 514 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point515 | 515 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point516 | 516 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point517 | 517 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point518 | 518 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point519 | 519 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point520 | 520 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point521 | 521 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point522 | 522 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|                                       |          |     |      |    |    |   |    |   |   |   |    |   |   |
|---------------------------------------|----------|-----|------|----|----|---|----|---|---|---|----|---|---|
|                                       | point523 | 523 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point524 | 524 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point525 | 525 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point526 | 526 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point527 | 527 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point528 | 528 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point529 | 529 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point530 | 530 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point531 | 531 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point532 | 532 |      |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Road - Proj Ent 5 to 6 | point890 | 890 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point461 | 461 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point462 | 462 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point463 | 463 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point464 | 464 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point465 | 465 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point466 | 466 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point467 | 467 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point468 | 468 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point469 | 469 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point470 | 470 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point471 | 471 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point472 | 472 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point473 | 473 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point474 | 474 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point475 | 475 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point476 | 476 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point477 | 477 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point478 | 478 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point479 | 479 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point480 | 480 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point481 | 481 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point482 | 482 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point483 | 483 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point484 | 484 |      |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Road - West Fork       | point891 | 891 | 0    | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|                                       |          |     |     |    |    |   |    |   |   |   |    |   |   |
|---------------------------------------|----------|-----|-----|----|----|---|----|---|---|---|----|---|---|
|                                       | point763 | 763 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point764 | 764 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point765 | 765 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point766 | 766 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point767 | 767 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point768 | 768 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point769 | 769 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point770 | 770 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point771 | 771 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point772 | 772 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point773 | 773 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point774 | 774 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point775 | 775 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point776 | 776 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point777 | 777 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point778 | 778 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point779 | 779 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point780 | 780 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point781 | 781 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point782 | 782 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point783 | 783 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point784 | 784 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point785 | 785 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point786 | 786 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point787 | 787 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point788 | 788 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point789 | 789 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point790 | 790 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point791 | 791 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point792 | 792 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point793 | 793 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point794 | 794 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point795 | 795 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point796 | 796 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point797 | 797 |     |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Road - Ent 8 to Melody | point876 | 876 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|                                       |          |     |     |    |    |   |    |   |   |   |    |   |   |
|---------------------------------------|----------|-----|-----|----|----|---|----|---|---|---|----|---|---|
|                                       | point877 | 877 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point878 | 878 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point879 | 879 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point880 | 880 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point450 | 450 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point452 | 452 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point746 | 746 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point747 | 747 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point748 | 748 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point749 | 749 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point750 | 750 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point751 | 751 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point752 | 752 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point753 | 753 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point754 | 754 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point755 | 755 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point756 | 756 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point757 | 757 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point758 | 758 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point759 | 759 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point760 | 760 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point761 | 761 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point762 | 762 |     |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Road - Proj Ent 6 to 7 | point892 | 892 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point798 | 798 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point799 | 799 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point800 | 800 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point801 | 801 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point802 | 802 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point803 | 803 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point804 | 804 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point805 | 805 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point806 | 806 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point807 | 807 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point808 | 808 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point809 | 809 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|  |          |     |     |    |    |   |    |   |   |   |    |   |   |
|--|----------|-----|-----|----|----|---|----|---|---|---|----|---|---|
|  | point810 | 810 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point811 | 811 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point812 | 812 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point813 | 813 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point814 | 814 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point815 | 815 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point816 | 816 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point817 | 817 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point818 | 818 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point819 | 819 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point820 | 820 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point821 | 821 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point822 | 822 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point823 | 823 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point824 | 824 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point825 | 825 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point826 | 826 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point827 | 827 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point828 | 828 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point829 | 829 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point830 | 830 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point831 | 831 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point832 | 832 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point833 | 833 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point834 | 834 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point835 | 835 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point836 | 836 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point837 | 837 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point838 | 838 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point839 | 839 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point840 | 840 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point841 | 841 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point842 | 842 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point843 | 843 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point453 | 453 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point454 | 454 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|                                     |          |     |     |    |    |   |    |   |   |   |    |   |   |
|-------------------------------------|----------|-----|-----|----|----|---|----|---|---|---|----|---|---|
|                                     | point455 | 455 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point456 | 456 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point457 | 457 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point458 | 458 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point459 | 459 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point460 | 460 |     |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Rd - Ent 8 to Melody | point894 | 894 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point865 | 865 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point866 | 866 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point867 | 867 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point868 | 868 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point869 | 869 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point870 | 870 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point871 | 871 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point872 | 872 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point873 | 873 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point874 | 874 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point875 | 875 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point846 | 846 |     |    |    |   |    |   |   |   |    |   |   |

**INPUT: RECEIVERS**
**8207**

|                                        |                                           |             |                             |             |          |               |                                        |                        |              |             |               |
|----------------------------------------|-------------------------------------------|-------------|-----------------------------|-------------|----------|---------------|----------------------------------------|------------------------|--------------|-------------|---------------|
| Dudek                                  |                                           |             |                             |             |          |               |                                        |                        |              |             |               |
| M Greene                               |                                           |             |                             |             |          |               |                                        |                        |              |             |               |
|                                        |                                           |             |                             |             |          |               |                                        |                        |              |             |               |
| <b>INPUT: RECEIVERS</b>                |                                           |             |                             |             |          |               |                                        |                        |              |             |               |
| <b>PROJECT/CONTRACT:</b>               | <b>8207</b>                               |             |                             |             |          |               |                                        |                        |              |             |               |
| <b>RUN:</b>                            | <b>OtyRnchV14PrctrVlly2030wProj w Mit</b> |             |                             |             |          |               |                                        |                        |              |             |               |
| <b>Receiver</b>                        |                                           |             |                             |             |          |               |                                        |                        |              |             |               |
| <b>Name</b>                            | <b>No.</b>                                | <b>#DUs</b> | <b>Coordinates (ground)</b> |             |          | <b>Height</b> | <b>Input Sound Levels and Criteria</b> |                        |              |             | <b>Active</b> |
|                                        |                                           |             | <b>X</b>                    | <b>Y</b>    | <b>Z</b> | <b>above</b>  | <b>Existing</b>                        | <b>Impact Criteria</b> |              | <b>NR</b>   | <b>in</b>     |
|                                        |                                           |             |                             |             |          | <b>Ground</b> | <b>LAeq1h</b>                          | <b>LAeq1h</b>          | <b>Sub'l</b> | <b>Goal</b> | <b>Calc.</b>  |
|                                        |                                           |             | ft                          | ft          | ft       | ft            | dBA                                    | dBA                    | dB           | dB          |               |
| R1 San MiguelRnchRd W of SR125         | 3                                         | 1           | 6,336,436.0                 | 1,822,219.6 | 468.00   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| R2 MtMiguelRd - ProctorVlly-SnMgl      | 5                                         | 1           | 6,339,900.0                 | 1,821,486.4 | 615.00   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| R3 PrctrVlly Rd SR15 - MtMiguelRd      | 7                                         | 1           | 6,339,003.0                 | 1,820,430.0 | 582.00   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| R4 MtMglRd - Lane Ave                  | 9                                         | 1           | 6,340,321.0                 | 1,820,500.0 | 616.00   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| R5 Lane Ave - PrctrVllyRd-OtayLksRd    | 11                                        | 1           | 6,343,360.0                 | 1,820,300.0 | 634.00   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| R6 PrctrVllyRd-Lane Ave-HuntePkwy      | 13                                        | 1           | 6,344,053.0                 | 1,820,475.0 | 668.00   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| R7 HuntePkwy-PrctrVllyRd-OtyLksRd      | 15                                        | 1           | 6,344,700.5                 | 1,819,652.4 | 618.00   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| R8 HuntePkwy-OtyLksRd-OlmpcPkwy        | 17                                        | 1           | 6,344,900.0                 | 1,816,970.0 | 628.50   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| R9 HuntePkwy-OlmpcPkwy-EastlkPkwy      | 19                                        | 1           | 6,344,665.0                 | 1,809,346.0 | 479.00   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| R10 PrctrVllyRd-HuntePkyw-Nrthwd       | 21                                        | 1           | 6,346,300.5                 | 1,820,440.0 | 717.50   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| R11 NrthwdsDr-ProctrVlly-BlueRdgDr     | 23                                        | 1           | 6,348,750.5                 | 1,819,747.5 | 671.50   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| M4 / R12 PrctrVlly Rd w of NrthwdsDr   | 27                                        | 1           | 6,348,497.0                 | 1,820,845.9 | 662.00   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| M6 / R13 SnMglRnchRd e of SR125        | 29                                        | 1           | 6,339,505.5                 | 1,822,497.2 | 625.00   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| M8 / R14 PrctrVlly Rd n of Project     | 31                                        | 1           | 6,361,958.0                 | 1,836,218.8 | 908.00   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| M9 / R15 PrtrVllyRd-Melody Rd-SchleeC  | 33                                        | 1           | 6,368,071.5                 | 1,836,854.1 | 1,024.00 | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| M10 / R16 MldyRd - PrctrVllyRd - SR-94 | 35                                        | 1           | 6,370,177.0                 | 1,836,423.4 | 978.00   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| M11 / R17 PrctrVllyRd-SchleeCyn Rd-Mx  | 37                                        | 1           | 6,368,788.5                 | 1,838,925.6 | 1,050.00 | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| R18 PrctrVllyRd - MaxfieldRd to SR-94  | 39                                        | 1           | 6,371,215.0                 | 1,839,505.0 | 1,020.00 | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| R19 P-1                                | 100                                       | 1           | 6,354,456.5                 | 1,823,499.0 | 607.00   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| R20 R-4 southwest side                 | 101                                       | 1           | 6,354,558.0                 | 1,823,693.1 | 611.50   | 5.00          | 0.00                                   | 60                     | 1.0          | 8.0         | Y             |
| R21 R-4 west side                      | 102                                       | 1           | 6,354,724.0                 | 1,823,907.5 | 614.00   | 5.00          | 0.00                                   | 60                     | 1.0          | 8.0         | Y             |
| R22 R-4 northwest side                 | 103                                       | 1           | 6,354,895.0                 | 1,824,260.4 | 617.50   | 5.00          | 0.00                                   | 60                     | 1.0          | 8.0         | Y             |

**INPUT: RECEIVERS****8207**

|                               |     |   |             |             |        |      |      |    |      |     |   |
|-------------------------------|-----|---|-------------|-------------|--------|------|------|----|------|-----|---|
| R23 R-5 Lot 10 southwest side | 104 | 1 | 6,356,039.0 | 1,826,086.0 | 666.00 | 5.00 | 0.00 | 60 | 1.0  | 8.0 | Y |
| R24 R-5 Lot 5 west side       | 105 | 1 | 6,356,020.5 | 1,826,361.2 | 660.40 | 5.00 | 0.00 | 60 | 1.0  | 8.0 | Y |
| R25 R-5 PPP-1 northwest side  | 106 | 1 | 6,356,118.5 | 1,826,646.5 | 652.00 | 5.00 | 0.00 | 65 | 1.0  | 8.0 |   |
| R26 R-12 Park south side      | 107 | 1 | 6,355,945.5 | 1,827,033.9 | 655.00 | 5.00 | 0.00 | 65 | 1.0  | 8.0 |   |
| R27 S-1 School southwest side | 108 | 1 | 6,356,228.5 | 1,826,927.2 | 654.00 | 5.00 | 0.00 | 65 | 1.0  | 8.0 |   |
| R28 R-12 Park north side      | 109 | 1 | 6,356,079.0 | 1,827,190.6 | 657.00 | 5.00 | 0.00 | 65 | 1.0  | 8.0 |   |
| R29 S-1 School west side      | 110 | 1 | 6,356,557.0 | 1,827,223.8 | 669.00 | 5.00 | 0.00 | 65 | 1.0  | 8.0 |   |
| R30 S-1 School northwest side | 111 | 1 | 6,356,790.5 | 1,827,436.0 | 679.00 | 5.00 | 0.00 | 65 | 1.0  | 8.0 |   |
| R31 P-2 park                  | 112 | 1 | 6,356,626.5 | 1,827,662.9 | 695.50 | 5.00 | 0.00 | 65 | 1.0  | 8.0 |   |
| R32 MU-1                      | 113 | 1 | 6,357,022.5 | 1,827,640.1 | 696.00 | 5.00 | 0.00 | 65 | 1.0  | 8.0 |   |
| R33 R-10 Lot 6                | 114 | 1 | 6,358,835.5 | 1,829,554.6 | 754.00 | 5.00 | 0.00 | 60 | 1.0  | 8.0 | Y |
| R34 R-10 Lot 4                | 115 | 1 | 6,358,922.0 | 1,829,724.8 | 761.00 | 5.00 | 0.00 | 60 | 1.0  | 8.0 | Y |
| R35 R-10 Lot 2                | 116 | 1 | 6,358,998.0 | 1,829,870.5 | 768.50 | 5.00 | 0.00 | 60 | 1.0  | 8.0 | Y |
| R36 R-11 PP-4                 | 117 | 1 | 6,359,091.0 | 1,830,099.8 | 769.50 | 5.00 | 0.00 | 65 | 1.0  | 8.0 |   |
| R37 R-11 Lot 54               | 118 | 1 | 6,359,253.0 | 1,830,336.1 | 794.00 | 5.00 | 0.00 | 60 | 1.0  | 8.0 | Y |
| R38 R-11 Lot 58               | 119 | 1 | 6,359,394.0 | 1,830,700.5 | 821.00 | 5.00 | 0.00 | 60 | 1.0  | 8.0 | Y |
| R39 R-11 Lot 61               | 120 | 1 | 6,359,453.0 | 1,831,009.2 | 837.50 | 5.00 | 0.00 | 60 | 1.0  | 8.0 | Y |
| R40 R-11 Lot 1                | 121 | 1 | 6,359,450.0 | 1,831,202.1 | 844.00 | 5.00 | 0.00 | 60 | 1.0  | 8.0 | Y |
| R41 R-11 Lot 4                | 122 | 1 | 6,359,450.5 | 1,831,470.0 | 864.00 | 5.00 | 0.00 | 60 | 1.0  | 8.0 | Y |
| R42 R-11 Lot 6                | 123 | 1 | 6,359,446.0 | 1,831,682.4 | 877.50 | 5.00 | 0.00 | 60 | 1.0  | 8.0 | Y |
| R43 R-11 Lot 8                | 124 | 1 | 6,359,465.0 | 1,831,973.5 | 895.50 | 5.00 | 0.00 | 60 | 1.0  | 8.0 | Y |
| R44 R-14 Lot 64               | 125 | 1 | 6,361,053.0 | 1,833,915.5 | 944.80 | 5.00 | 0.00 | 60 | 1.0  | 8.0 | Y |
| R45 R-14 Lot 28               | 126 | 1 | 6,360,942.0 | 1,834,076.0 | 945.00 | 5.00 | 0.00 | 60 | 1.0  | 8.0 | Y |
| R46 R-14 open space           | 127 | 1 | 6,361,003.5 | 1,834,478.8 | 962.00 | 5.00 | 0.00 | 65 | 1.0  | 8.0 |   |
| R47 R-14 Lot 27               | 128 | 1 | 6,360,911.0 | 1,834,870.4 | 918.80 | 5.00 | 0.00 | 60 | 1.0  | 8.0 | Y |
| R48 R-14 Lot 2                | 129 | 1 | 6,360,871.5 | 1,835,014.0 | 915.80 | 5.00 | 0.00 | 60 | 1.0  | 8.0 | Y |
| R49 R-14 Lot 1                | 130 | 1 | 6,360,814.5 | 1,834,957.2 | 909.70 | 5.00 | 0.00 | 60 | 1.0  | 8.0 | Y |
| R50 R-14 P-4                  | 131 | 1 | 6,360,680.5 | 1,835,123.4 | 900.00 | 5.00 | 0.00 | 60 | 1.0  | 8.0 |   |
| R51 R-13 Lot 1                | 132 | 1 | 6,360,505.0 | 1,835,675.9 | 900.00 | 5.00 | 0.00 | 60 | 0.0  | 8.0 | Y |
| R52 R-13 Lot 9                | 133 | 1 | 6,360,673.5 | 1,835,730.4 | 898.00 | 5.00 | 0.00 | 60 | 0.0  | 8.0 | Y |
| R53 R-13 Lot 8                | 134 | 1 | 6,360,565.5 | 1,835,794.2 | 909.70 | 5.00 | 0.00 | 60 | 0.0  | 8.0 | Y |
| R54 R-13 Lot 10               | 135 | 1 | 6,360,785.0 | 1,835,859.2 | 903.80 | 5.00 | 0.00 | 60 | 0.0  | 8.0 | Y |
| R55 R-13 Lot 11               | 136 | 1 | 6,361,005.5 | 1,836,025.0 | 907.00 | 5.00 | 0.00 | 60 | 0.0  | 8.0 | Y |
| R56 R-13 Lot 12               | 138 | 1 | 6,361,179.0 | 1,836,059.1 | 906.00 | 5.00 | 0.00 | 66 | 10.0 | 8.0 | Y |

## INPUT: BARRIERS

8207

| Dudek             |                                    |               |       |                                   | 12 September 2017                 |              |                   |                                     |                |     |                  |               |        |                       |                                             |               |                                |  |  |
|-------------------|------------------------------------|---------------|-------|-----------------------------------|-----------------------------------|--------------|-------------------|-------------------------------------|----------------|-----|------------------|---------------|--------|-----------------------|---------------------------------------------|---------------|--------------------------------|--|--|
| M Greene          |                                    |               |       |                                   | TNM 2.5                           |              |                   |                                     |                |     |                  |               |        |                       |                                             |               |                                |  |  |
| INPUT: BARRIERS   |                                    |               |       |                                   |                                   |              |                   |                                     |                |     |                  |               |        |                       |                                             |               |                                |  |  |
| PROJECT/CONTRACT: | 8207                               |               |       |                                   |                                   |              |                   |                                     |                |     |                  |               |        |                       |                                             |               |                                |  |  |
| RUN:              | OtyRnchV14PrctrVily2030wProj w Mit |               |       |                                   |                                   |              |                   |                                     |                |     |                  |               |        |                       |                                             |               |                                |  |  |
| Barrier           |                                    |               |       |                                   |                                   |              |                   |                                     |                |     |                  |               |        |                       |                                             |               |                                |  |  |
| Name              | Type                               | Height<br>Min | Max   | If Wall<br>\$ per<br>Unit<br>Area | If Berm<br>\$ per<br>Unit<br>Vol. | Top<br>Width | Run:Rise<br>ft:ft | Add'tnl<br>\$ per<br>Unit<br>Length | Points<br>Name | No. | Coordinates<br>X | (bottom)<br>Y | Z      | Height<br>at<br>Point | Segment<br>Seg Ht Perturbs<br>Incr- #Up #Dn | On<br>Struct? | Important<br>Reflec-<br>tions? |  |  |
|                   |                                    | ft            | ft    | \$/sq ft                          | \$/cu yd                          | ft           | ft:ft             | \$/ft                               |                |     | ft               | ft            | ft     | ft                    | ft                                          |               |                                |  |  |
| Barrier17         | W                                  | 0.00          | 99.99 | 0.00                              |                                   |              |                   | 0.00                                | point223       | 223 | 6,337,800.0      | 1,822,229.6   | 534.50 | 6.00                  | 0.00                                        | 0             | 0                              |  |  |
|                   |                                    |               |       |                                   |                                   |              |                   |                                     | point224       | 224 | 6,336,466.5      | 1,822,229.6   | 467.50 | 6.00                  | 0.00                                        | 0             | 0                              |  |  |
|                   |                                    |               |       |                                   |                                   |              |                   |                                     | point225       | 225 | 6,335,800.0      | 1,822,229.6   | 434.00 | 6.00                  |                                             |               |                                |  |  |
| Barrier18         | W                                  | 0.00          | 99.99 | 0.00                              |                                   |              |                   | 0.00                                | point226       | 226 | 6,339,890.0      | 1,820,650.0   | 594.00 | 6.00                  | 0.00                                        | 0             | 0                              |  |  |
|                   |                                    |               |       |                                   |                                   |              |                   |                                     | point227       | 227 | 6,339,890.0      | 1,821,450.0   | 615.00 | 6.00                  | 0.00                                        | 0             | 0                              |  |  |
|                   |                                    |               |       |                                   |                                   |              |                   |                                     | point228       | 228 | 6,339,890.0      | 1,822,300.0   | 641.00 | 6.00                  |                                             |               |                                |  |  |
| Barrier19         | W                                  | 0.00          | 99.99 | 0.00                              |                                   |              |                   | 0.00                                | point229       | 229 | 6,339,430.0      | 1,820,440.0   | 582.00 | 6.00                  | 0.00                                        | 0             | 0                              |  |  |
|                   |                                    |               |       |                                   |                                   |              |                   |                                     | point230       | 230 | 6,338,993.5      | 1,820,440.0   | 582.00 | 6.00                  | 0.00                                        | 0             | 0                              |  |  |
|                   |                                    |               |       |                                   |                                   |              |                   |                                     | point231       | 231 | 6,338,331.0      | 1,820,440.0   | 582.00 | 6.00                  |                                             |               |                                |  |  |
| Barrier20         | W                                  | 0.00          | 99.99 | 0.00                              |                                   |              |                   | 0.00                                | point232       | 232 | 6,340,965.0      | 1,820,510.0   | 637.00 | 6.00                  | 0.00                                        | 0             | 0                              |  |  |
|                   |                                    |               |       |                                   |                                   |              |                   |                                     | point233       | 233 | 6,340,382.5      | 1,820,510.0   | 616.00 | 6.00                  | 0.00                                        | 0             | 0                              |  |  |
|                   |                                    |               |       |                                   |                                   |              |                   |                                     | point234       | 234 | 6,339,800.0      | 1,820,510.0   | 596.00 | 6.00                  |                                             |               |                                |  |  |
| Barrier21         | W                                  | 0.00          | 99.99 | 0.00                              |                                   |              |                   | 0.00                                | point235       | 235 | 6,343,350.0      | 1,820,550.0   | 642.00 | 6.00                  | 0.00                                        | 0             | 0                              |  |  |
|                   |                                    |               |       |                                   |                                   |              |                   |                                     | point236       | 236 | 6,343,350.0      | 1,819,775.0   | 632.80 | 6.00                  | 0.00                                        | 0             | 0                              |  |  |
|                   |                                    |               |       |                                   |                                   |              |                   |                                     | point237       | 237 | 6,343,350.0      | 1,819,000.0   | 623.50 | 6.00                  |                                             |               |                                |  |  |
| Barrier22         | W                                  | 0.00          | 99.99 | 0.00                              |                                   |              |                   | 0.00                                | point238       | 238 | 6,344,725.0      | 1,820,485.0   | 672.00 | 6.00                  | 0.00                                        | 0             | 0                              |  |  |
|                   |                                    |               |       |                                   |                                   |              |                   |                                     | point239       | 239 | 6,344,050.0      | 1,820,485.0   | 668.00 | 6.00                  | 0.00                                        | 0             | 0                              |  |  |
|                   |                                    |               |       |                                   |                                   |              |                   |                                     | point240       | 240 | 6,343,375.0      | 1,820,485.0   | 664.00 | 6.00                  |                                             |               |                                |  |  |
| Barrier23         | W                                  | 0.00          | 99.99 | 0.00                              |                                   |              |                   | 0.00                                | point241       | 241 | 6,344,710.0      | 1,820,182.5   | 644.00 | 6.00                  | 0.00                                        | 0             | 0                              |  |  |
|                   |                                    |               |       |                                   |                                   |              |                   |                                     | point242       | 242 | 6,344,710.0      | 1,819,770.0   | 624.00 | 6.00                  | 0.00                                        | 0             | 0                              |  |  |
|                   |                                    |               |       |                                   |                                   |              |                   |                                     | point244       | 244 | 6,344,710.0      | 1,819,632.5   | 617.33 | 6.00                  | 0.00                                        | 0             | 0                              |  |  |
|                   |                                    |               |       |                                   |                                   |              |                   |                                     | point243       | 243 | 6,344,710.0      | 1,819,357.5   | 604.00 | 6.00                  |                                             |               |                                |  |  |
| Barrier24         | W                                  | 0.00          | 99.99 | 0.00                              |                                   |              |                   | 0.00                                | point246       | 246 | 6,344,890.0      | 1,817,682.5   | 620.80 | 6.00                  | 0.00                                        | 0             | 0                              |  |  |
|                   |                                    |               |       |                                   |                                   |              |                   |                                     | point247       | 247 | 6,344,890.0      | 1,816,970.0   | 628.50 | 6.00                  | 0.00                                        | 0             | 0                              |  |  |
|                   |                                    |               |       |                                   |                                   |              |                   |                                     | point248       | 248 | 6,344,890.0      | 1,816,257.5   | 636.30 | 6.00                  |                                             |               |                                |  |  |
| Barrier25         | W                                  | 0.00          | 99.99 | 0.00                              |                                   |              |                   | 0.00                                | point249       | 249 | 6,344,675.0      | 1,810,821.2   | 545.00 | 6.00                  | 0.00                                        | 0             | 0                              |  |  |
|                   |                                    |               |       |                                   |                                   |              |                   |                                     | point250       | 250 | 6,344,675.0      | 1,809,416.0   | 479.00 | 6.00                  | 0.00                                        | 0             | 0                              |  |  |
|                   |                                    |               |       |                                   |                                   |              |                   |                                     | point251       | 251 | 6,344,675.0      | 1,808,010.6   | 504.00 | 6.00                  |                                             |               |                                |  |  |
| Barrier26         | W                                  | 0.00          | 99.99 | 0.00                              |                                   |              |                   | 0.00                                | point252       | 252 | 6,348,298.0      | 1,820,815.5   | 660.00 | 6.00                  | 0.00                                        | 0             | 0                              |  |  |
|                   |                                    |               |       |                                   |                                   |              |                   |                                     | point253       | 253 | 6,348,499.0      | 1,820,815.5   | 660.00 | 6.00                  | 0.00                                        | 0             | 0                              |  |  |
|                   |                                    |               |       |                                   |                                   |              |                   |                                     | point254       | 254 | 6,348,588.0      | 1,820,898.6   | 660.00 | 6.00                  |                                             |               |                                |  |  |
| Barrier27         | W                                  | 0.00          | 99.99 | 0.00                              |                                   |              |                   | 0.00                                | point255       | 255 | 6,346,800.5      | 1,820,450.0   | 730.00 | 6.00                  | 0.00                                        | 0             | 0                              |  |  |
|                   |                                    |               |       |                                   |                                   |              |                   |                                     | point256       | 256 | 6,346,300.5      | 1,820,450.0   | 717.50 | 6.00                  | 0.00                                        | 0             | 0                              |  |  |
|                   |                                    |               |       |                                   |                                   |              |                   |                                     | point257       | 257 | 6,345,800.5      | 1,820,450.0   | 705.00 | 6.00                  |                                             |               |                                |  |  |
| Barrier28         | W                                  | 0.00          | 99.99 | 0.00                              |                                   |              |                   | 0.00                                | point258       | 258 | 6,348,760.5      | 1,820,171.2   | 652.80 | 6.00                  | 0.00                                        | 0             | 0                              |  |  |

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|                    |   |      |       |      |  |  |  |      |          |     |             |             |        |      |      |   |   |  |  |
|--------------------|---|------|-------|------|--|--|--|------|----------|-----|-------------|-------------|--------|------|------|---|---|--|--|
|                    |   |      |       |      |  |  |  |      | point259 | 259 | 6,348,760.5 | 1,819,747.5 | 671.50 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point260 | 260 | 6,348,760.5 | 1,819,323.8 | 691.30 | 6.00 |      |   |   |  |  |
| Wall at R-4        | W | 0.00 | 99.99 | 0.00 |  |  |  | 0.00 | point272 | 272 | 6,354,547.5 | 1,823,638.4 | 610.60 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point273 | 273 | 6,354,545.5 | 1,823,656.1 | 610.70 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point274 | 274 | 6,354,536.5 | 1,823,681.6 | 611.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point275 | 275 | 6,354,537.5 | 1,823,689.5 | 611.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point276 | 276 | 6,354,548.0 | 1,823,711.9 | 611.30 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point277 | 277 | 6,354,566.5 | 1,823,731.9 | 611.50 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point278 | 278 | 6,354,598.0 | 1,823,770.5 | 612.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point279 | 279 | 6,354,661.5 | 1,823,848.0 | 613.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point280 | 280 | 6,354,693.0 | 1,823,886.9 | 613.50 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point281 | 281 | 6,354,722.0 | 1,823,927.8 | 614.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point282 | 282 | 6,354,748.0 | 1,823,970.9 | 614.50 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point283 | 283 | 6,354,783.0 | 1,824,038.8 | 615.20 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point284 | 284 | 6,354,815.0 | 1,824,108.4 | 618.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point286 | 286 | 6,354,889.0 | 1,824,276.9 | 618.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point287 | 287 | 6,354,893.0 | 1,824,278.8 | 618.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point288 | 288 | 6,354,981.0 | 1,824,235.8 | 618.00 | 6.00 |      |   |   |  |  |
| Wall at R-10       | W | 0.00 | 99.99 | 0.00 |  |  |  | 0.00 | point327 | 327 | 6,358,736.0 | 1,829,468.2 | 746.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point328 | 328 | 6,358,761.0 | 1,829,468.1 | 746.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point329 | 329 | 6,358,802.5 | 1,829,449.6 | 746.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point330 | 330 | 6,358,840.0 | 1,829,511.9 | 746.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point331 | 331 | 6,358,834.0 | 1,829,530.5 | 754.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point332 | 332 | 6,358,872.5 | 1,829,592.1 | 754.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point333 | 333 | 6,358,868.5 | 1,829,597.1 | 756.50 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point334 | 334 | 6,358,913.0 | 1,829,668.0 | 756.50 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point335 | 335 | 6,358,905.0 | 1,829,674.1 | 761.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point336 | 336 | 6,358,969.0 | 1,829,776.6 | 761.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point337 | 337 | 6,358,960.5 | 1,829,783.2 | 766.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point338 | 338 | 6,358,983.5 | 1,829,818.9 | 766.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point339 | 339 | 6,358,985.0 | 1,829,830.9 | 768.50 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point340 | 340 | 6,359,018.5 | 1,829,878.4 | 768.50 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point341 | 341 | 6,359,032.0 | 1,829,900.9 | 768.50 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point342 | 342 | 6,359,034.5 | 1,829,927.4 | 768.40 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point343 | 343 | 6,359,030.5 | 1,829,940.6 | 768.50 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point344 | 344 | 6,359,015.5 | 1,829,959.6 | 768.50 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point345 | 345 | 6,358,977.5 | 1,829,986.5 | 768.50 | 6.00 |      |   |   |  |  |
| Wall at R-11 South | W | 0.00 | 99.99 | 0.00 |  |  |  | 0.00 | point346 | 346 | 6,359,190.0 | 1,830,179.9 | 780.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point347 | 347 | 6,359,177.0 | 1,830,208.4 | 789.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point348 | 348 | 6,359,202.0 | 1,830,216.4 | 789.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point349 | 349 | 6,359,206.5 | 1,830,221.4 | 789.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point350 | 350 | 6,359,232.5 | 1,830,259.6 | 789.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point351 | 351 | 6,359,253.5 | 1,830,299.6 | 789.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point352 | 352 | 6,359,254.5 | 1,830,312.4 | 794.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point353 | 353 | 6,359,289.5 | 1,830,383.0 | 794.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point354 | 354 | 6,359,295.5 | 1,830,395.8 | 800.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point355 | 355 | 6,359,329.5 | 1,830,474.2 | 800.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point356 | 356 | 6,359,335.5 | 1,830,489.2 | 806.50 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point357 | 357 | 6,359,364.5 | 1,830,567.4 | 806.50 | 6.00 | 0.00 | 0 | 0 |  |  |

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|---------------------|---|------|-------|------|--|--|--|------|----------|-----|-------------|-------------|--------|------|------|---|---|--|--|
|                     |   |      |       |      |  |  |  |      | point358 | 358 | 6,359,370.5 | 1,830,582.9 | 814.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point359 | 359 | 6,359,396.0 | 1,830,664.1 | 814.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point360 | 360 | 6,359,400.0 | 1,830,678.4 | 821.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point361 | 361 | 6,359,421.5 | 1,830,761.4 | 821.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point362 | 362 | 6,359,425.0 | 1,830,775.9 | 828.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point363 | 363 | 6,359,442.5 | 1,830,859.9 | 828.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point364 | 364 | 6,359,445.0 | 1,830,873.6 | 834.50 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point366 | 366 | 6,359,459.0 | 1,830,965.4 | 837.50 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point367 | 367 | 6,359,468.0 | 1,831,049.8 | 837.50 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point368 | 368 | 6,359,418.5 | 1,831,051.6 | 837.50 | 6.00 |      |   |   |  |  |
| Wall at R-5         | W | 0.00 | 99.99 | 0.00 |  |  |  | 0.00 | point297 | 297 | 6,356,180.5 | 1,825,789.4 | 670.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point298 | 298 | 6,356,111.0 | 1,825,785.0 | 670.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point299 | 299 | 6,356,097.0 | 1,825,787.4 | 670.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point300 | 300 | 6,356,085.5 | 1,825,796.2 | 670.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point301 | 301 | 6,356,066.0 | 1,825,831.0 | 670.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point302 | 302 | 6,356,049.5 | 1,825,870.1 | 670.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point303 | 303 | 6,356,034.0 | 1,825,924.8 | 670.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point304 | 304 | 6,356,025.0 | 1,826,002.6 | 670.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point305 | 305 | 6,356,028.5 | 1,826,004.6 | 669.30 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point306 | 306 | 6,356,029.5 | 1,826,053.6 | 669.30 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point307 | 307 | 6,356,024.5 | 1,826,060.8 | 666.60 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point308 | 308 | 6,356,025.0 | 1,826,110.8 | 666.60 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point309 | 309 | 6,356,017.5 | 1,826,115.4 | 665.40 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point311 | 311 | 6,356,019.0 | 1,826,168.9 | 664.20 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point312 | 312 | 6,356,019.0 | 1,826,225.0 | 663.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point313 | 313 | 6,356,017.0 | 1,826,277.9 | 661.70 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point314 | 314 | 6,356,013.5 | 1,826,330.0 | 661.70 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point315 | 315 | 6,356,009.0 | 1,826,335.2 | 660.40 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point316 | 316 | 6,356,010.0 | 1,826,384.9 | 660.40 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point317 | 317 | 6,356,005.5 | 1,826,390.1 | 659.10 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point318 | 318 | 6,356,006.0 | 1,826,443.6 | 659.10 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point319 | 319 | 6,356,002.0 | 1,826,448.1 | 657.70 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point320 | 320 | 6,356,003.5 | 1,826,508.1 | 656.20 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point321 | 321 | 6,356,007.5 | 1,826,565.6 | 654.70 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point325 | 325 | 6,356,016.0 | 1,826,623.4 | 654.70 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point326 | 326 | 6,356,098.5 | 1,826,618.0 | 652.00 | 6.00 |      |   |   |  |  |
| Wall at R-11 North  | W | 0.00 | 99.99 | 0.00 |  |  |  | 0.00 | point369 | 369 | 6,359,369.0 | 1,831,167.2 | 842.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point370 | 370 | 6,359,463.0 | 1,831,168.9 | 842.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point371 | 371 | 6,359,461.5 | 1,831,259.9 | 847.50 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point372 | 372 | 6,359,460.0 | 1,831,352.9 | 847.50 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point373 | 373 | 6,359,462.5 | 1,831,451.0 | 862.50 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point374 | 374 | 6,359,461.5 | 1,831,529.0 | 862.50 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point375 | 375 | 6,359,461.0 | 1,831,545.5 | 869.50 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point376 | 376 | 6,359,459.5 | 1,831,622.9 | 869.50 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point377 | 377 | 6,359,462.0 | 1,831,643.9 | 877.50 | 6.00 |      |   |   |  |  |
| Wall at R-14 Lot 28 | W | 0.00 | 99.99 | 0.00 |  |  |  | 0.00 | point378 | 378 | 6,360,984.5 | 1,834,014.5 | 939.80 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point379 | 379 | 6,360,926.5 | 1,834,015.5 | 944.60 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point380 | 380 | 6,360,933.5 | 1,834,167.4 | 945.40 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point381 | 381 | 6,360,971.5 | 1,834,165.6 | 945.30 | 6.00 | 0.00 | 0 | 0 |  |  |

## INPUT: BARRIERS

8207

|                                |   |      |       |      |  |  |  |      |          |     |             |             |        |      |      |   |   |  |  |
|--------------------------------|---|------|-------|------|--|--|--|------|----------|-----|-------------|-------------|--------|------|------|---|---|--|--|
|                                |   |      |       |      |  |  |  |      | point382 | 382 | 6,360,990.5 | 1,834,163.9 | 945.30 | 6.00 |      |   |   |  |  |
| Wall at R-14 Lot 27            | W | 0.00 | 99.99 | 0.00 |  |  |  | 0.00 | point385 | 385 | 6,360,967.5 | 1,834,761.1 | 916.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                                |   |      |       |      |  |  |  |      | point386 | 386 | 6,360,914.0 | 1,834,758.2 | 915.90 | 6.00 | 0.00 | 0 | 0 |  |  |
|                                |   |      |       |      |  |  |  |      | point387 | 387 | 6,360,912.5 | 1,834,778.6 | 919.10 | 6.00 | 0.00 | 0 | 0 |  |  |
|                                |   |      |       |      |  |  |  |      | point388 | 388 | 6,360,903.5 | 1,834,860.1 | 918.80 | 6.00 | 0.00 | 0 | 0 |  |  |
|                                |   |      |       |      |  |  |  |      | point389 | 389 | 6,360,900.5 | 1,834,880.4 | 918.80 | 6.00 | 0.00 | 0 | 0 |  |  |
|                                |   |      |       |      |  |  |  |      | point390 | 390 | 6,360,896.5 | 1,834,908.0 | 918.80 | 6.00 | 0.00 | 0 | 0 |  |  |
|                                |   |      |       |      |  |  |  |      | point391 | 391 | 6,360,904.0 | 1,834,920.6 | 918.60 | 6.00 | 0.00 | 0 | 0 |  |  |
|                                |   |      |       |      |  |  |  |      | point392 | 392 | 6,360,918.5 | 1,834,928.9 | 918.40 | 6.00 | 0.00 | 0 | 0 |  |  |
|                                |   |      |       |      |  |  |  |      | point393 | 393 | 6,360,954.0 | 1,834,936.8 | 918.40 | 6.00 |      |   |   |  |  |
| Wall at R-14 Lot 2             | W | 0.00 | 99.99 | 0.00 |  |  |  | 0.00 | point394 | 394 | 6,360,923.0 | 1,834,977.8 | 915.80 | 6.00 | 0.00 | 0 | 0 |  |  |
|                                |   |      |       |      |  |  |  |      | point395 | 395 | 6,360,889.5 | 1,834,973.9 | 915.80 | 6.00 | 0.00 | 0 | 0 |  |  |
|                                |   |      |       |      |  |  |  |      | point396 | 396 | 6,360,880.0 | 1,834,974.5 | 915.80 | 6.00 | 0.00 | 0 | 0 |  |  |
|                                |   |      |       |      |  |  |  |      | point397 | 397 | 6,360,872.5 | 1,834,979.4 | 915.90 | 6.00 | 0.00 | 0 | 0 |  |  |
|                                |   |      |       |      |  |  |  |      | point398 | 398 | 6,360,868.0 | 1,834,987.2 | 915.80 | 6.00 | 0.00 | 0 | 0 |  |  |
|                                |   |      |       |      |  |  |  |      | point400 | 400 | 6,360,849.5 | 1,835,055.6 | 915.80 | 6.00 | 0.00 | 0 | 0 |  |  |
|                                |   |      |       |      |  |  |  |      | point401 | 401 | 6,360,825.0 | 1,835,128.6 | 915.80 | 6.00 |      |   |   |  |  |
| Wall at R-14 Lot 1             | W | 0.00 | 99.99 | 0.00 |  |  |  | 0.00 | point402 | 402 | 6,360,777.0 | 1,834,907.5 | 909.80 | 6.00 | 0.00 | 0 | 0 |  |  |
|                                |   |      |       |      |  |  |  |      | point403 | 403 | 6,360,790.0 | 1,834,921.1 | 909.70 | 6.00 | 0.00 | 0 | 0 |  |  |
|                                |   |      |       |      |  |  |  |      | point404 | 404 | 6,360,807.5 | 1,834,928.5 | 909.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                                |   |      |       |      |  |  |  |      | point405 | 405 | 6,360,826.5 | 1,834,928.2 | 909.40 | 6.00 | 0.00 | 0 | 0 |  |  |
|                                |   |      |       |      |  |  |  |      | point406 | 406 | 6,360,843.5 | 1,834,920.6 | 909.90 | 6.00 | 0.00 | 0 | 0 |  |  |
|                                |   |      |       |      |  |  |  |      | point407 | 407 | 6,360,821.5 | 1,834,972.0 | 909.80 | 6.00 | 0.00 | 0 | 0 |  |  |
|                                |   |      |       |      |  |  |  |      | point408 | 408 | 6,360,797.0 | 1,835,021.6 | 909.80 | 6.00 | 0.00 | 0 | 0 |  |  |
|                                |   |      |       |      |  |  |  |      | point409 | 409 | 6,360,769.0 | 1,835,069.6 | 909.80 | 6.00 |      |   |   |  |  |
| Wall at R-13 South             | W | 0.00 | 99.99 | 0.00 |  |  |  | 0.00 | point410 | 410 | 6,360,467.0 | 1,835,664.2 | 899.80 | 6.00 | 0.00 | 0 | 0 |  |  |
|                                |   |      |       |      |  |  |  |      | point411 | 411 | 6,360,483.0 | 1,835,663.0 | 899.80 | 6.00 | 0.00 | 0 | 0 |  |  |
|                                |   |      |       |      |  |  |  |      | point412 | 412 | 6,360,498.0 | 1,835,655.8 | 899.80 | 6.00 | 0.00 | 0 | 0 |  |  |
|                                |   |      |       |      |  |  |  |      | point413 | 413 | 6,360,502.0 | 1,835,652.5 | 899.70 | 6.00 | 0.00 | 0 | 0 |  |  |
|                                |   |      |       |      |  |  |  |      | point414 | 414 | 6,360,558.5 | 1,835,729.0 | 899.80 | 6.00 |      |   |   |  |  |
| Wall at R-13 North             | W | 0.00 | 99.99 | 0.00 |  |  |  | 0.00 | point416 | 416 | 6,360,488.5 | 1,835,769.2 | 910.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                                |   |      |       |      |  |  |  |      | point417 | 417 | 6,360,560.0 | 1,835,769.0 | 909.80 | 6.00 | 0.00 | 0 | 0 |  |  |
|                                |   |      |       |      |  |  |  |      | point418 | 418 | 6,360,587.0 | 1,835,800.2 | 909.90 | 6.00 | 0.00 | 0 | 0 |  |  |
|                                |   |      |       |      |  |  |  |      | point419 | 419 | 6,360,627.5 | 1,835,841.4 | 909.80 | 6.00 | 0.00 | 0 | 0 |  |  |
|                                |   |      |       |      |  |  |  |      | point420 | 420 | 6,360,670.5 | 1,835,881.9 | 909.80 | 6.00 | 0.00 | 0 | 0 |  |  |
|                                |   |      |       |      |  |  |  |      | point423 | 423 | 6,360,716.5 | 1,835,921.4 | 911.80 | 6.00 | 0.00 | 0 | 0 |  |  |
|                                |   |      |       |      |  |  |  |      | point424 | 424 | 6,360,776.0 | 1,835,970.0 | 911.80 | 6.00 | 0.00 | 0 | 0 |  |  |
|                                |   |      |       |      |  |  |  |      | point425 | 425 | 6,360,794.5 | 1,835,989.8 | 911.70 | 6.00 |      |   |   |  |  |
| Wall at R-13 North (lots 9-12) | W | 0.00 | 99.99 | 0.00 |  |  |  | 0.00 | point426 | 426 | 6,360,853.0 | 1,835,759.0 | 903.60 | 6.00 | 0.00 | 0 | 0 |  |  |
|                                |   |      |       |      |  |  |  |      | point427 | 427 | 6,360,600.0 | 1,835,670.2 | 896.80 | 6.00 | 0.00 | 0 | 0 |  |  |
|                                |   |      |       |      |  |  |  |      | point428 | 428 | 6,360,675.5 | 1,835,757.4 | 897.90 | 6.00 | 0.00 | 0 | 0 |  |  |
|                                |   |      |       |      |  |  |  |      | point429 | 429 | 6,360,721.0 | 1,835,815.4 | 900.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                                |   |      |       |      |  |  |  |      | point430 | 430 | 6,360,752.5 | 1,835,848.2 | 903.80 | 6.00 | 0.00 | 0 | 0 |  |  |
|                                |   |      |       |      |  |  |  |      | point431 | 431 | 6,360,778.0 | 1,835,871.0 | 903.80 | 6.00 | 0.00 | 0 | 0 |  |  |
|                                |   |      |       |      |  |  |  |      | point432 | 432 | 6,360,858.5 | 1,835,933.0 | 906.90 | 6.00 | 0.00 | 0 | 0 |  |  |
|                                |   |      |       |      |  |  |  |      | point433 | 433 | 6,360,879.5 | 1,835,951.2 | 906.90 | 6.00 | 0.00 | 0 | 0 |  |  |
|                                |   |      |       |      |  |  |  |      | point434 | 434 | 6,360,917.0 | 1,835,984.4 | 906.90 | 6.00 | 0.00 | 0 | 0 |  |  |
|                                |   |      |       |      |  |  |  |      | point435 | 435 | 6,360,973.0 | 1,836,021.5 | 906.90 | 6.00 | 0.00 | 0 | 0 |  |  |
|                                |   |      |       |      |  |  |  |      | point436 | 436 | 6,360,999.5 | 1,836,034.8 | 906.90 | 6.00 | 0.00 | 0 | 0 |  |  |

INPUT: BARRIERS

8207

|  |  |  |  |  |  |  |  |  |          |     |             |             |        |      |      |   |   |  |  |
|--|--|--|--|--|--|--|--|--|----------|-----|-------------|-------------|--------|------|------|---|---|--|--|
|  |  |  |  |  |  |  |  |  | point437 | 437 | 6,361,075.5 | 1,836,062.0 | 906.90 | 6.00 | 0.00 | 0 | 0 |  |  |
|  |  |  |  |  |  |  |  |  | point438 | 438 | 6,361,134.0 | 1,836,073.5 | 905.90 | 6.00 | 0.00 | 0 | 0 |  |  |
|  |  |  |  |  |  |  |  |  | point440 | 440 | 6,361,220.5 | 1,836,075.6 | 902.40 | 6.00 | 0.00 | 0 | 0 |  |  |
|  |  |  |  |  |  |  |  |  | point441 | 441 | 6,361,279.0 | 1,835,959.5 | 902.00 | 6.00 |      |   |   |  |  |

**INPUT: TERRAIN LINES**
**8207**

|                      |                                    |                      |                   |        |
|----------------------|------------------------------------|----------------------|-------------------|--------|
|                      |                                    |                      |                   |        |
| Dudek                |                                    |                      | 12 September 2017 |        |
| M Greene             |                                    |                      | TNM 2.5           |        |
|                      |                                    |                      |                   |        |
| INPUT: TERRAIN LINES |                                    |                      |                   |        |
| PROJECT/CONTRACT:    | 8207                               |                      |                   |        |
| RUN:                 | OtyRnchV14PrctrVlly2030wProj w Mit |                      |                   |        |
| Terrain Line         | Points                             |                      |                   |        |
| Name                 | No.                                | Coordinates (ground) |                   |        |
|                      |                                    | X                    | Y                 | Z      |
|                      |                                    | ft                   | ft                | ft     |
| Terrain Line1        | 1                                  | 6,354,564.5          | 1,823,396.8       | 610.80 |
|                      | 3                                  | 6,354,548.5          | 1,823,432.6       | 610.00 |
|                      | 4                                  | 6,354,543.5          | 1,823,442.5       | 609.80 |
|                      | 5                                  | 6,354,537.0          | 1,823,451.4       | 609.60 |
|                      | 6                                  | 6,354,515.0          | 1,823,478.1       | 608.90 |
|                      | 7                                  | 6,354,486.0          | 1,823,511.4       | 608.00 |
|                      | 8                                  | 6,354,427.5          | 1,823,574.0       | 606.40 |
|                      | 9                                  | 6,354,424.5          | 1,823,575.9       | 606.40 |
|                      | 10                                 | 6,354,421.5          | 1,823,576.8       | 606.30 |
|                      | 11                                 | 6,354,418.5          | 1,823,576.6       | 606.30 |
|                      | 12                                 | 6,354,415.5          | 1,823,575.4       | 606.30 |
|                      | 13                                 | 6,354,413.5          | 1,823,573.1       | 606.40 |
|                      | 14                                 | 6,354,412.0          | 1,823,570.4       | 606.50 |
|                      | 15                                 | 6,354,411.5          | 1,823,567.2       | 606.60 |
|                      | 16                                 | 6,354,412.5          | 1,823,564.1       | 606.60 |
|                      | 17                                 | 6,354,421.0          | 1,823,544.8       | 607.10 |
|                      | 18                                 | 6,354,421.0          | 1,823,513.8       | 608.00 |
|                      | 19                                 | 6,354,423.5          | 1,823,421.2       | 610.00 |
|                      | 2                                  | 6,354,420.0          | 1,823,349.5       | 611.40 |
| Terrain Line3        | 68                                 | 6,356,143.5          | 1,826,709.6       | 650.00 |
|                      | 70                                 | 6,356,049.5          | 1,826,741.2       | 649.90 |
|                      | 71                                 | 6,356,031.5          | 1,826,731.5       | 649.80 |
| Terrain Line4        | 101                                | 6,356,906.0          | 1,827,372.1       | 680.60 |
|                      | 103                                | 6,356,900.5          | 1,827,382.2       | 680.70 |

**INPUT: TERRAIN LINES**
**8207**

|               |     |             |             |        |
|---------------|-----|-------------|-------------|--------|
|               | 104 | 6,356,896.0 | 1,827,395.8 | 680.90 |
|               | 105 | 6,356,894.0 | 1,827,409.9 | 681.00 |
|               | 106 | 6,356,894.0 | 1,827,424.1 | 681.20 |
|               | 107 | 6,356,895.0 | 1,827,429.8 | 681.20 |
|               | 108 | 6,356,896.5 | 1,827,437.9 | 681.30 |
|               | 109 | 6,356,896.5 | 1,827,440.2 | 681.40 |
|               | 110 | 6,356,894.0 | 1,827,445.1 | 681.40 |
|               | 111 | 6,356,847.0 | 1,827,504.2 | 681.40 |
|               | 112 | 6,356,836.0 | 1,827,508.4 | 681.20 |
|               | 113 | 6,356,832.5 | 1,827,510.6 | 681.20 |
|               | 114 | 6,356,826.0 | 1,827,516.6 | 681.00 |
|               | 115 | 6,356,815.5 | 1,827,525.6 | 680.80 |
|               | 116 | 6,356,807.0 | 1,827,531.5 | 680.60 |
|               | 117 | 6,356,802.0 | 1,827,533.4 | 680.50 |
|               | 118 | 6,356,795.0 | 1,827,533.6 | 680.40 |
|               | 119 | 6,356,788.5 | 1,827,531.5 | 680.30 |
|               | 120 | 6,356,784.0 | 1,827,528.2 | 680.20 |
|               | 121 | 6,356,773.0 | 1,827,517.8 | 680.00 |
|               | 122 | 6,356,757.0 | 1,827,502.6 | 679.30 |
|               | 123 | 6,356,746.5 | 1,827,493.4 | 678.90 |
|               | 124 | 6,356,729.0 | 1,827,479.5 | 678.30 |
|               | 125 | 6,356,711.0 | 1,827,466.1 | 677.60 |
|               | 126 | 6,356,675.0 | 1,827,441.4 | 676.30 |
|               | 127 | 6,356,639.5 | 1,827,416.1 | 675.00 |
|               | 128 | 6,356,596.5 | 1,827,382.9 | 673.40 |
|               | 129 | 6,356,509.5 | 1,827,312.8 | 670.00 |
|               | 130 | 6,356,380.5 | 1,827,208.6 | 665.00 |
|               | 131 | 6,356,256.0 | 1,827,108.2 | 660.80 |
|               | 132 | 6,356,232.0 | 1,827,090.5 | 660.00 |
|               | 133 | 6,356,183.0 | 1,827,034.8 | 657.80 |
|               | 134 | 6,356,129.0 | 1,826,958.0 | 655.00 |
|               | 135 | 6,356,092.5 | 1,826,900.8 | 655.20 |
|               | 136 | 6,356,085.0 | 1,826,884.5 | 655.00 |
|               | 137 | 6,356,093.0 | 1,826,867.0 | 653.90 |
|               | 102 | 6,356,115.0 | 1,826,854.8 | 653.70 |
| Terrain Line5 | 138 | 6,355,957.0 | 1,826,917.9 | 654.70 |

**INPUT: TERRAIN LINES****8207**

|                |     |             |             |        |
|----------------|-----|-------------|-------------|--------|
|                | 140 | 6,355,985.0 | 1,826,924.1 | 654.80 |
|                | 141 | 6,356,017.0 | 1,826,937.2 | 655.10 |
|                | 142 | 6,356,037.5 | 1,826,968.8 | 655.40 |
|                | 143 | 6,356,087.0 | 1,827,045.1 | 656.00 |
|                | 144 | 6,356,134.5 | 1,827,106.0 | 658.00 |
|                | 145 | 6,356,190.0 | 1,827,176.5 | 660.50 |
|                | 139 | 6,356,238.5 | 1,827,223.4 | 665.00 |
| Terrain Line6  | 146 | 6,356,522.5 | 1,827,491.2 | 683.10 |
|                | 148 | 6,356,542.0 | 1,827,507.1 | 684.00 |
|                | 149 | 6,356,585.0 | 1,827,541.5 | 690.00 |
|                | 150 | 6,356,594.0 | 1,827,550.4 | 694.10 |
|                | 151 | 6,356,689.0 | 1,827,625.8 | 696.00 |
|                | 152 | 6,356,717.5 | 1,827,648.9 | 696.60 |
|                | 153 | 6,356,724.0 | 1,827,656.5 | 696.80 |
|                | 154 | 6,356,725.5 | 1,827,665.8 | 697.00 |
|                | 155 | 6,356,738.5 | 1,827,694.5 | 697.60 |
|                | 156 | 6,356,753.0 | 1,827,713.5 | 698.00 |
|                | 157 | 6,356,768.5 | 1,827,723.2 | 698.20 |
|                | 158 | 6,356,790.0 | 1,827,733.1 | 698.40 |
|                | 159 | 6,356,822.0 | 1,827,735.8 | 698.60 |
|                | 160 | 6,356,847.5 | 1,827,732.5 | 698.90 |
|                | 161 | 6,356,938.5 | 1,827,798.4 | 699.80 |
|                | 162 | 6,356,947.5 | 1,827,793.2 | 702.00 |
|                | 147 | 6,357,200.0 | 1,827,986.8 | 702.00 |
| Terrain Line7  | 163 | 6,357,100.5 | 1,827,800.8 | 697.00 |
|                | 165 | 6,356,920.5 | 1,827,667.9 | 696.60 |
|                | 166 | 6,356,910.5 | 1,827,654.1 | 696.60 |
|                | 167 | 6,356,901.0 | 1,827,629.8 | 696.50 |
|                | 168 | 6,356,902.5 | 1,827,608.1 | 696.50 |
|                | 169 | 6,356,905.5 | 1,827,604.0 | 695.00 |
|                | 170 | 6,356,906.0 | 1,827,602.6 | 695.00 |
|                | 171 | 6,356,905.5 | 1,827,601.2 | 695.00 |
|                | 164 | 6,356,898.5 | 1,827,594.0 | 694.60 |
| Terrain Line10 | 239 | 6,359,479.5 | 1,831,999.5 | 895.50 |
|                | 241 | 6,359,475.0 | 1,831,916.2 | 895.50 |
|                | 242 | 6,359,473.5 | 1,831,907.2 | 891.50 |

**INPUT: TERRAIN LINES****8207**

|                |     |             |             |        |
|----------------|-----|-------------|-------------|--------|
|                | 243 | 6,359,467.0 | 1,831,828.2 | 891.50 |
|                | 244 | 6,359,467.0 | 1,831,809.4 | 884.50 |
|                | 245 | 6,359,462.5 | 1,831,734.2 | 884.50 |
|                | 246 | 6,359,457.5 | 1,831,718.8 | 877.50 |
|                | 247 | 6,359,459.0 | 1,831,683.9 | 877.50 |
| Terrain Line11 | 258 | 6,361,189.5 | 1,833,985.5 | 944.90 |
|                | 260 | 6,361,032.0 | 1,833,971.0 | 944.90 |
|                | 261 | 6,361,026.5 | 1,833,968.6 | 944.90 |
|                | 262 | 6,361,023.5 | 1,833,963.6 | 944.80 |
|                | 263 | 6,361,023.5 | 1,833,957.6 | 944.80 |
|                | 264 | 6,361,049.0 | 1,833,892.4 | 944.80 |
|                | 265 | 6,361,055.5 | 1,833,880.2 | 944.80 |
|                | 266 | 6,361,064.0 | 1,833,869.5 | 944.80 |
|                | 267 | 6,361,074.0 | 1,833,860.4 | 944.80 |
|                | 268 | 6,361,085.5 | 1,833,853.0 | 944.80 |
|                | 269 | 6,361,098.0 | 1,833,847.9 | 944.80 |
|                | 270 | 6,361,113.5 | 1,833,844.4 | 944.80 |
|                | 271 | 6,361,129.0 | 1,833,843.6 | 944.80 |
|                | 272 | 6,361,144.5 | 1,833,845.4 | 944.80 |
|                | 273 | 6,361,160.0 | 1,833,849.6 | 944.80 |
|                | 259 | 6,361,174.0 | 1,833,856.4 | 944.80 |
| Terrain Line13 | 281 | 6,361,015.0 | 1,834,191.0 | 958.40 |
|                | 283 | 6,360,999.0 | 1,834,193.1 | 957.60 |
|                | 284 | 6,360,983.0 | 1,834,194.8 | 955.90 |
|                | 285 | 6,360,967.5 | 1,834,196.0 | 954.80 |
|                | 286 | 6,360,951.5 | 1,834,196.9 | 953.20 |
|                | 287 | 6,360,935.5 | 1,834,197.4 | 953.00 |
|                | 288 | 6,360,942.0 | 1,834,226.9 | 955.20 |
|                | 289 | 6,360,948.0 | 1,834,256.5 | 956.90 |
|                | 290 | 6,360,953.5 | 1,834,286.1 | 958.40 |
|                | 291 | 6,360,958.0 | 1,834,316.0 | 960.00 |
|                | 292 | 6,360,962.0 | 1,834,347.5 | 962.10 |
|                | 293 | 6,360,965.0 | 1,834,379.0 | 963.30 |
|                | 294 | 6,360,967.0 | 1,834,410.5 | 964.00 |
|                | 295 | 6,360,969.0 | 1,834,442.1 | 964.20 |
|                | 296 | 6,360,970.0 | 1,834,469.9 | 963.10 |

**INPUT: TERRAIN LINES****8207**

|                  |     |             |             |        |
|------------------|-----|-------------|-------------|--------|
|                  | 297 | 6,360,969.0 | 1,834,497.6 | 961.00 |
|                  | 298 | 6,360,965.0 | 1,834,525.1 | 956.00 |
|                  | 299 | 6,360,958.5 | 1,834,552.1 | 950.30 |
| Terrain Line13-2 | 492 | 6,360,958.5 | 1,834,552.1 | 950.30 |
|                  | 300 | 6,360,913.0 | 1,834,758.2 | 915.90 |
| Terrain Line10-2 | 494 | 6,359,460.0 | 1,831,683.9 | 877.50 |
|                  | 248 | 6,359,463.0 | 1,831,643.9 | 877.50 |
| Terrain Line9-2  | 496 | 6,359,180.5 | 1,830,207.6 | 789.00 |
|                  | 227 | 6,359,200.0 | 1,830,179.1 | 780.00 |
|                  | 228 | 6,359,191.0 | 1,830,161.2 | 771.00 |
|                  | 229 | 6,359,160.0 | 1,830,089.6 | 770.00 |
|                  | 230 | 6,359,151.0 | 1,830,071.2 | 769.70 |
|                  | 231 | 6,359,148.0 | 1,830,050.0 | 769.30 |
|                  | 232 | 6,359,138.5 | 1,830,034.4 | 769.00 |
|                  | 233 | 6,359,122.5 | 1,830,023.9 | 768.80 |
|                  | 234 | 6,359,091.5 | 1,830,015.8 | 768.40 |
|                  | 235 | 6,359,041.5 | 1,830,028.1 | 768.20 |
|                  | 236 | 6,359,000.0 | 1,830,046.5 | 768.70 |
|                  | 237 | 6,358,984.5 | 1,830,068.4 | 769.00 |
|                  | 238 | 6,358,978.5 | 1,830,077.9 | 769.20 |
|                  | 203 | 6,358,971.5 | 1,830,084.4 | 769.40 |
| Terrain Line3-2  | 497 | 6,356,031.5 | 1,826,731.5 | 649.80 |
|                  | 72  | 6,356,015.5 | 1,826,623.4 | 654.70 |

## RESULTS: SOUND LEVELS

8207

|                                         |     |                                    |          |            |        |                        |           |            |                 |            |      |            |
|-----------------------------------------|-----|------------------------------------|----------|------------|--------|------------------------|-----------|------------|-----------------|------------|------|------------|
| Dudek                                   |     |                                    |          |            |        |                        |           |            |                 |            |      |            |
| M Greene                                |     |                                    |          |            |        |                        |           |            |                 |            |      |            |
|                                         |     |                                    |          |            |        |                        |           |            |                 |            |      |            |
| RESULTS: SOUND LEVELS                   |     |                                    |          |            |        |                        |           |            |                 |            |      |            |
| PROJECT/CONTRACT:                       |     | 8207                               |          |            |        |                        |           |            |                 |            |      |            |
| RUN:                                    |     | OtyRnchV14PrctrVlly2030wProj w Mit |          |            |        |                        |           |            |                 |            |      |            |
| BARRIER DESIGN:                         |     | INPUT HEIGHTS                      |          |            |        |                        |           |            |                 |            |      |            |
|                                         |     |                                    |          |            |        |                        |           |            |                 |            |      |            |
| ATMOSPHERICS:                           |     | 68 deg F, 50% RH                   |          |            |        |                        |           |            |                 |            |      |            |
|                                         |     |                                    |          |            |        |                        |           |            |                 |            |      |            |
| Receiver                                |     |                                    |          |            |        |                        |           |            |                 |            |      |            |
| Name                                    | No. | #DUs                               | Existing | No Barrier |        |                        |           |            | With Barrier    |            |      |            |
|                                         |     |                                    | LAeq1h   | LAeq1h     |        | Increase over existing | Type      | Calculated | Noise Reduction |            |      |            |
|                                         |     |                                    |          | Calculated | Crit'n | Calculated             | Crit'n    | Impact     | LAeq1h          | Calculated | Goal | Calculated |
|                                         |     |                                    |          |            |        |                        | Sub'l Inc |            |                 |            |      | minus      |
|                                         |     |                                    |          |            |        |                        |           |            |                 |            |      | Goal       |
|                                         |     |                                    | dBA      | dBA        | dBA    | dB                     | dB        |            | dBA             | dB         | dB   | dB         |
| R1 San MiguelRnchRd W of SR125          | 3   | 1                                  | 0.0      | 0.0        | 65     | 0.0                    | 1         | inactive   | 0.0             | 0.0        | 8    | 0.0        |
| R2 MtMiguelRd - ProctorVlly-SnMgl       | 5   | 1                                  | 0.0      | 0.0        | 65     | 0.0                    | 1         | inactive   | 0.0             | 0.0        | 8    | 0.0        |
| R3 PrctrVlly Rd SR15 - MtMiguelRd       | 7   | 1                                  | 0.0      | 0.0        | 65     | 0.0                    | 1         | inactive   | 0.0             | 0.0        | 8    | 0.0        |
| R4 MtMglRd - Lane Ave                   | 9   | 1                                  | 0.0      | 0.0        | 65     | 0.0                    | 1         | inactive   | 0.0             | 0.0        | 8    | 0.0        |
| R5 Lane Ave - PrctrVllyRd-OtayLksRd     | 11  | 1                                  | 0.0      | 0.0        | 65     | 0.0                    | 1         | inactive   | 0.0             | 0.0        | 8    | 0.0        |
| R6 PrctrVllyRd-Lane Ave-HuntePkwY       | 13  | 1                                  | 0.0      | 0.0        | 65     | 0.0                    | 1         | inactive   | 0.0             | 0.0        | 8    | 0.0        |
| R7 HuntePkwY-PrctrVllyRd-OtyLksRd       | 15  | 1                                  | 0.0      | 0.0        | 65     | 0.0                    | 1         | inactive   | 0.0             | 0.0        | 8    | 0.0        |
| R8 HuntePkwY-OtyLksRd-OlmpcPkwY         | 17  | 1                                  | 0.0      | 0.0        | 65     | 0.0                    | 1         | inactive   | 0.0             | 0.0        | 8    | 0.0        |
| R9 HuntePkwY-OlmpcPkwY-EastlkPkwY       | 19  | 1                                  | 0.0      | 0.0        | 65     | 0.0                    | 1         | inactive   | 0.0             | 0.0        | 8    | 0.0        |
| R10 PrctrVllyRd-HuntePkyw-Nrthwd        | 21  | 1                                  | 0.0      | 0.0        | 65     | 0.0                    | 1         | inactive   | 0.0             | 0.0        | 8    | 0.0        |
| R11 NrthwdsDr-ProctrVlly-BlueRdgDr      | 23  | 1                                  | 0.0      | 0.0        | 65     | 0.0                    | 1         | inactive   | 0.0             | 0.0        | 8    | 0.0        |
| M4 / R12 PrctrVlly Rd w of NrthwdsDr    | 27  | 1                                  | 0.0      | 0.0        | 65     | 0.0                    | 1         | inactive   | 0.0             | 0.0        | 8    | 0.0        |
| M6 / R13 SnMglRnchRd e of SR125         | 29  | 1                                  | 0.0      | 0.0        | 65     | 0.0                    | 1         | inactive   | 0.0             | 0.0        | 8    | 0.0        |
| M8 / R14 PrctrVlly Rd n of Project      | 31  | 1                                  | 0.0      | 0.0        | 65     | 0.0                    | 1         | inactive   | 0.0             | 0.0        | 8    | 0.0        |
| M9 / R15 PrtrVllyRd-Melody Rd-SchleeCyn | 33  | 1                                  | 0.0      | 0.0        | 65     | 0.0                    | 1         | inactive   | 0.0             | 0.0        | 8    | 0.0        |
| M10 / R16 MldyRd - PrctrVllyRd - SR-94  | 35  | 1                                  | 0.0      | 0.0        | 65     | 0.0                    | 1         | inactive   | 0.0             | 0.0        | 8    | 0.0        |
| M11 / R17 PrctrVllyRd-SchleeCyn Rd-Mxf  | 37  | 1                                  | 0.0      | 0.0        | 65     | 0.0                    | 1         | inactive   | 0.0             | 0.0        | 8    | 0.0        |
| R18 PrctrVllyRd - MaxfieldRd to SR-94   | 39  | 1                                  | 0.0      | 0.0        | 65     | 0.0                    | 1         | inactive   | 0.0             | 0.0        | 8    | 0.0        |
| R19 P-1                                 | 100 | 1                                  | 0.0      | 0.0        | 65     | 0.0                    | 1         | inactive   | 0.0             | 0.0        | 8    | 0.0        |
| R20 R-4 southwest side                  | 101 | 1                                  | 0.0      | 58.1       | 60     | 58.1                   | 1         | ----       | 58.1            | 0.0        | 8    | -8.0       |
| R21 R-4 west side                       | 102 | 1                                  | 0.0      | 58.4       | 60     | 58.4                   | 1         | ----       | 58.4            | 0.0        | 8    | -8.0       |
| R22 R-4 northwest side                  | 103 | 1                                  | 0.0      | 58.1       | 60     | 58.1                   | 1         | ----       | 58.1            | 0.0        | 8    | -8.0       |
| R23 R-5 Lot 10 southwest side           | 104 | 1                                  | 0.0      | 55.2       | 60     | 55.2                   | 1         | ----       | 55.2            | 0.0        | 8    | -8.0       |
| R24 R-5 Lot 5 west side                 | 105 | 1                                  | 0.0      | 58.2       | 60     | 58.2                   | 1         | ----       | 58.2            | 0.0        | 8    | -8.0       |

**RESULTS: SOUND LEVELS**
**8207**

| R25 R-5 PPP-1 northwest side  | 106   | 1               | 0.0       | 0.0       | 65 | 0.0  | 1  | inactive | 0.0  | 0.0 | 8 | 0.0  |
|-------------------------------|-------|-----------------|-----------|-----------|----|------|----|----------|------|-----|---|------|
| R26 R-12 Park south side      | 107   | 1               | 0.0       | 0.0       | 65 | 0.0  | 1  | inactive | 0.0  | 0.0 | 8 | 0.0  |
| R27 S-1 School southwest side | 108   | 1               | 0.0       | 0.0       | 65 | 0.0  | 1  | inactive | 0.0  | 0.0 | 8 | 0.0  |
| R28 R-12 Park north side      | 109   | 1               | 0.0       | 0.0       | 65 | 0.0  | 1  | inactive | 0.0  | 0.0 | 8 | 0.0  |
| R29 S-1 School west side      | 110   | 1               | 0.0       | 0.0       | 65 | 0.0  | 1  | inactive | 0.0  | 0.0 | 8 | 0.0  |
| R30 S-1 School northwest side | 111   | 1               | 0.0       | 0.0       | 65 | 0.0  | 1  | inactive | 0.0  | 0.0 | 8 | 0.0  |
| R31 P-2 park                  | 112   | 1               | 0.0       | 0.0       | 65 | 0.0  | 1  | inactive | 0.0  | 0.0 | 8 | 0.0  |
| R32 MU-1                      | 113   | 1               | 0.0       | 0.0       | 65 | 0.0  | 1  | inactive | 0.0  | 0.0 | 8 | 0.0  |
| R33 R-10 Lot 6                | 114   | 1               | 0.0       | 58.4      | 60 | 58.4 | 1  | ----     | 58.4 | 0.0 | 8 | -8.0 |
| R34 R-10 Lot 4                | 115   | 1               | 0.0       | 57.3      | 60 | 57.3 | 1  | ----     | 57.3 | 0.0 | 8 | -8.0 |
| R35 R-10 Lot 2                | 116   | 1               | 0.0       | 56.9      | 60 | 56.9 | 1  | ----     | 56.9 | 0.0 | 8 | -8.0 |
| R36 R-11 PP-4                 | 117   | 1               | 0.0       | 0.0       | 65 | 0.0  | 1  | inactive | 0.0  | 0.0 | 8 | 0.0  |
| R37 R-11 Lot 54               | 118   | 1               | 0.0       | 56.3      | 60 | 56.3 | 1  | ----     | 56.3 | 0.0 | 8 | -8.0 |
| R38 R-11 Lot 58               | 119   | 1               | 0.0       | 58.7      | 60 | 58.7 | 1  | ----     | 58.7 | 0.0 | 8 | -8.0 |
| R39 R-11 Lot 61               | 120   | 1               | 0.0       | 57.2      | 60 | 57.2 | 1  | ----     | 57.2 | 0.0 | 8 | -8.0 |
| R40 R-11 Lot 1                | 121   | 1               | 0.0       | 55.8      | 60 | 55.8 | 1  | ----     | 55.8 | 0.0 | 8 | -8.0 |
| R41 R-11 Lot 4                | 122   | 1               | 0.0       | 58.1      | 60 | 58.1 | 1  | ----     | 58.1 | 0.0 | 8 | -8.0 |
| R42 R-11 Lot 6                | 123   | 1               | 0.0       | 58.8      | 60 | 58.8 | 1  | ----     | 58.8 | 0.0 | 8 | -8.0 |
| R43 R-11 Lot 8                | 124   | 1               | 0.0       | 52.5      | 60 | 52.5 | 1  | ----     | 52.5 | 0.0 | 8 | -8.0 |
| R44 R-14 Lot 64               | 125   | 1               | 0.0       | 59.0      | 60 | 59.0 | 1  | ----     | 59.0 | 0.0 | 8 | -8.0 |
| R45 R-14 Lot 28               | 126   | 1               | 0.0       | 54.4      | 60 | 54.4 | 1  | ----     | 54.4 | 0.0 | 8 | -8.0 |
| R46 R-14 open space           | 127   | 1               | 0.0       | 0.0       | 65 | 0.0  | 1  | inactive | 0.0  | 0.0 | 8 | 0.0  |
| R47 R-14 Lot 27               | 128   | 1               | 0.0       | 57.7      | 60 | 57.7 | 1  | ----     | 57.7 | 0.0 | 8 | -8.0 |
| R48 R-14 Lot 2                | 129   | 1               | 0.0       | 55.0      | 60 | 55.0 | 1  | ----     | 55.0 | 0.0 | 8 | -8.0 |
| R49 R-14 Lot 1                | 130   | 1               | 0.0       | 57.7      | 60 | 57.7 | 1  | ----     | 57.7 | 0.0 | 8 | -8.0 |
| R50 R-14 P-4                  | 131   | 1               | 0.0       | 0.0       | 60 | 0.0  | 1  | inactive | 0.0  | 0.0 | 8 | 0.0  |
| R51 R-13 Lot 1                | 132   | 1               | 0.0       | 54.7      | 60 | 54.7 | 0  | ----     | 54.7 | 0.0 | 8 | -8.0 |
| R52 R-13 Lot 9                | 133   | 1               | 0.0       | 54.4      | 60 | 54.4 | 0  | ----     | 54.4 | 0.0 | 8 | -8.0 |
| R53 R-13 Lot 8                | 134   | 1               | 0.0       | 52.2      | 60 | 52.2 | 0  | ----     | 52.2 | 0.0 | 8 | -8.0 |
| R54 R-13 Lot 10               | 135   | 1               | 0.0       | 55.0      | 60 | 55.0 | 0  | ----     | 55.0 | 0.0 | 8 | -8.0 |
| R55 R-13 Lot 11               | 136   | 1               | 0.0       | 56.6      | 60 | 56.6 | 0  | ----     | 56.6 | 0.0 | 8 | -8.0 |
| R56 R-13 Lot 12               | 138   | 1               | 0.0       | 59.6      | 66 | 59.6 | 10 | ----     | 59.6 | 0.0 | 8 | -8.0 |
| Dwelling Units                | # DUs | Noise Reduction |           |           |    |      |    |          |      |     |   |      |
|                               |       | Min<br>dB       | Avg<br>dB | Max<br>dB |    |      |    |          |      |     |   |      |
| All Selected                  | 56    | 0.0             | 0.0       | 0.0       |    |      |    |          |      |     |   |      |
| All Impacted                  | 0     | 0.0             | 0.0       | 0.0       |    |      |    |          |      |     |   |      |
| All that meet NR Goal         | 0     | 0.0             | 0.0       | 0.0       |    |      |    |          |      |     |   |      |

**INPUT: ROADWAYS**
**8207**

|                                      |              |               |            |                                   |             |          |                     |                   |                 |             |                |  |
|--------------------------------------|--------------|---------------|------------|-----------------------------------|-------------|----------|---------------------|-------------------|-----------------|-------------|----------------|--|
| Dudek                                |              |               |            |                                   |             |          |                     |                   |                 |             |                |  |
| M Greene                             |              |               |            |                                   |             |          |                     |                   |                 |             |                |  |
|                                      |              |               |            |                                   |             |          |                     |                   |                 |             |                |  |
| <b>INPUT: ROADWAYS</b>               |              |               |            |                                   |             |          |                     |                   |                 |             |                |  |
| <b>PROJECT/CONTRACT:</b>             |              |               |            | 8207                              |             |          |                     |                   |                 |             |                |  |
| <b>RUN:</b>                          |              |               |            | OtyRchPctrVly2030wPjwMt2ndFlr0817 |             |          |                     |                   |                 |             |                |  |
|                                      |              |               |            |                                   |             |          |                     |                   |                 |             |                |  |
| <b>Roadway</b>                       |              | <b>Points</b> |            |                                   |             |          |                     |                   |                 |             |                |  |
| <b>Name</b>                          | <b>Width</b> | <b>Name</b>   | <b>No.</b> | <b>Coordinates (pavement)</b>     |             |          | <b>Flow Control</b> |                   |                 |             | <b>Segment</b> |  |
|                                      |              |               |            | <b>X</b>                          | <b>Y</b>    | <b>Z</b> | <b>Control</b>      | <b>Speed</b>      | <b>Percent</b>  | <b>Pvmt</b> | <b>On</b>      |  |
|                                      |              |               |            |                                   |             |          | <b>Device</b>       | <b>Constraint</b> | <b>Vehicles</b> | <b>Type</b> | <b>Struct?</b> |  |
|                                      |              |               |            |                                   |             |          |                     |                   | <b>Affected</b> |             |                |  |
|                                      | ft           |               |            | ft                                | ft          | ft       |                     | mph               | %               |             |                |  |
| Melody Road - Proctor Vly Rd - SR-94 | 25.0         | point379      | 379        | 6,368,196.0                       | 1,836,340.0 | 1,030.00 |                     |                   |                 | Average     |                |  |
|                                      |              | point380      | 380        | 6,371,196.0                       | 1,836,340.0 | 950.00   |                     |                   |                 |             |                |  |
| PrctrVlyRd - Melody Rd-SchleeCyn Rd  | 45.0         | point381      | 381        | 6,368,180.0                       | 1,836,341.0 | 1,040.00 |                     |                   |                 | Average     |                |  |
|                                      |              | point382      | 382        | 6,368,180.0                       | 1,838,940.0 | 1,044.00 |                     |                   |                 |             |                |  |
| PrctrVlyRd - SchleeCyn Rd-MaxfieldRd | 25.0         | point383      | 383        | 6,368,180.0                       | 1,839,000.0 | 1,044.00 |                     |                   |                 | Average     |                |  |
|                                      |              | point384      | 384        | 6,371,263.5                       | 1,839,000.0 | 1,040.00 |                     |                   |                 |             |                |  |
| Proctor Valley Rd-HuntePkyw-Northwd  | 100.0        | point385      | 385        | 6,348,800.5                       | 1,820,600.0 | 630.00   |                     |                   |                 | Average     |                |  |
|                                      |              | point387      | 387        | 6,346,800.5                       | 1,820,600.0 | 700.00   |                     |                   |                 | Average     |                |  |
|                                      |              | point445      | 445        | 6,346,300.5                       | 1,820,600.0 | 687.50   |                     |                   |                 | Average     |                |  |
|                                      |              | point444      | 444        | 6,345,800.5                       | 1,820,600.0 | 675.00   |                     |                   |                 | Average     |                |  |
|                                      |              | point386      | 386        | 6,344,801.5                       | 1,820,600.0 | 650.00   |                     |                   |                 |             |                |  |
| Proctor Valley Rd-Lane Ave-HuntePkwY | 100.0        | point388      | 388        | 6,344,800.0                       | 1,820,600.0 | 650.00   |                     |                   |                 | Average     |                |  |
|                                      |              | point434      | 434        | 6,344,050.0                       | 1,820,600.0 | 646.00   |                     |                   |                 | Average     |                |  |
|                                      |              | point389      | 389        | 6,343,300.0                       | 1,820,600.0 | 642.00   |                     |                   |                 |             |                |  |
| Proctor Valley Rd-MtMglRd - Lane Ave | 100.0        | point390      | 390        | 6,343,295.0                       | 1,820,600.0 | 642.00   |                     |                   |                 | Average     |                |  |
|                                      |              | point392      | 392        | 6,342,130.0                       | 1,820,600.0 | 670.00   |                     |                   |                 | Average     |                |  |
|                                      |              | point430      | 430        | 6,340,965.0                       | 1,820,600.0 | 629.00   |                     |                   |                 | Average     |                |  |
|                                      |              | point431      | 431        | 6,340,382.5                       | 1,820,600.0 | 608.50   |                     |                   |                 | Average     |                |  |
|                                      |              | point391      | 391        | 6,339,800.0                       | 1,820,600.0 | 588.00   |                     |                   |                 |             |                |  |
| SnMglRnch/Mt MglRd-SR125-PrctrVly    | 70.0         | point394      | 394        | 6,339,800.0                       | 1,820,601.0 | 588.00   |                     |                   |                 | Average     |                |  |
|                                      |              | point428      | 428        | 6,339,800.0                       | 1,821,450.0 | 611.50   |                     |                   |                 | Average     |                |  |
|                                      |              | point395      | 395        | 6,339,800.0                       | 1,822,300.0 | 635.00   |                     |                   |                 |             |                |  |
| SanMglRnchRd-PrctrVlyRd - SR-125     | 75.0         | point396      | 396        | 6,339,799.0                       | 1,822,295.0 | 635.00   |                     |                   |                 | Average     |                |  |
|                                      |              | point423      | 423        | 6,338,800.0                       | 1,822,294.5 | 584.75   |                     |                   |                 | Average     |                |  |
|                                      |              | point424      | 424        | 6,337,800.0                       | 1,822,294.0 | 534.50   |                     |                   |                 | Average     |                |  |

**INPUT: ROADWAYS**
**8207**

|                                      |       |          |     |             |             |          |  |  |  |         |  |
|--------------------------------------|-------|----------|-----|-------------|-------------|----------|--|--|--|---------|--|
|                                      |       | point426 | 426 | 6,336,466.5 | 1,822,293.2 | 467.50   |  |  |  | Average |  |
|                                      |       | point397 | 397 | 6,335,800.0 | 1,822,292.9 | 434.00   |  |  |  |         |  |
| Proctor Valley Rd-SR125 - MtMglRd    | 100.0 | point398 | 398 | 6,339,800.0 | 1,820,595.0 | 588.00   |  |  |  | Average |  |
|                                      |       | point429 | 429 | 6,339,000.0 | 1,820,595.0 | 552.00   |  |  |  | Average |  |
|                                      |       | point399 | 399 | 6,338,200.0 | 1,820,595.0 | 516.00   |  |  |  |         |  |
| Northwoods Dr - ProctrVlly-BlueRdgDr | 25.0  | point400 | 400 | 6,348,800.5 | 1,820,595.0 | 630.00   |  |  |  | Average |  |
|                                      |       | point446 | 446 | 6,348,800.5 | 1,820,171.2 | 648.75   |  |  |  | Average |  |
|                                      |       | point447 | 447 | 6,348,800.5 | 1,819,747.5 | 667.50   |  |  |  | Average |  |
|                                      |       | point448 | 448 | 6,348,800.5 | 1,819,323.8 | 686.25   |  |  |  | Average |  |
|                                      |       | point401 | 401 | 6,348,800.5 | 1,818,900.0 | 705.00   |  |  |  |         |  |
| Hunte Pkwy-PrctrVllyRd - OtayLksRd   | 75.0  | point402 | 402 | 6,344,800.0 | 1,820,595.0 | 650.00   |  |  |  | Average |  |
|                                      |       | point437 | 437 | 6,344,800.0 | 1,820,182.5 | 630.00   |  |  |  | Average |  |
|                                      |       | point435 | 435 | 6,344,800.0 | 1,819,770.0 | 610.00   |  |  |  | Average |  |
|                                      |       | point436 | 436 | 6,344,800.0 | 1,819,357.5 | 590.00   |  |  |  | Average |  |
|                                      |       | point406 | 406 | 6,344,800.0 | 1,818,945.0 | 570.00   |  |  |  | Average |  |
|                                      |       | point403 | 403 | 6,344,800.0 | 1,818,395.0 | 619.00   |  |  |  |         |  |
| Hunte Pkwy-OtayLksRd-OlmpcPkwy       | 85.0  | point407 | 407 | 6,344,800.0 | 1,818,395.0 | 619.00   |  |  |  | Average |  |
|                                      |       | point438 | 438 | 6,344,800.0 | 1,817,682.5 | 626.75   |  |  |  | Average |  |
|                                      |       | point439 | 439 | 6,344,800.0 | 1,816,970.0 | 634.50   |  |  |  | Average |  |
|                                      |       | point440 | 440 | 6,344,800.0 | 1,816,257.5 | 642.25   |  |  |  | Average |  |
|                                      |       | point409 | 409 | 6,344,800.0 | 1,815,545.0 | 650.00   |  |  |  | Average |  |
|                                      |       | point408 | 408 | 6,344,800.0 | 1,812,695.0 | 525.00   |  |  |  |         |  |
| Hunte Pkwy-OlmpcPkwy-EastlkPkwy      | 105.0 | point410 | 410 | 6,344,800.0 | 1,812,690.0 | 525.00   |  |  |  | Average |  |
|                                      |       | point412 | 412 | 6,344,800.0 | 1,810,821.2 | 460.00   |  |  |  | Average |  |
|                                      |       | point441 | 441 | 6,344,800.0 | 1,809,416.0 | 485.00   |  |  |  | Average |  |
|                                      |       | point442 | 442 | 6,344,800.0 | 1,808,010.6 | 510.00   |  |  |  | Average |  |
|                                      |       | point443 | 443 | 6,344,800.0 | 1,806,605.2 | 535.00   |  |  |  | Average |  |
|                                      |       | point411 | 411 | 6,344,800.0 | 1,805,200.0 | 560.00   |  |  |  |         |  |
| Lane Ave PrctrVllyRd-OtayLksRd       | 75.0  | point415 | 415 | 6,343,300.0 | 1,820,600.0 | 642.00   |  |  |  | Average |  |
|                                      |       | point433 | 433 | 6,343,300.0 | 1,819,775.0 | 632.75   |  |  |  | Average |  |
|                                      |       | point432 | 432 | 6,343,300.0 | 1,818,950.0 | 623.50   |  |  |  | Average |  |
|                                      |       | point416 | 416 | 6,343,300.0 | 1,817,300.0 | 605.00   |  |  |  |         |  |
| PrctrVllyRd - MaxfieldRd to SR-94    | 30.0  | point421 | 421 | 6,371,265.0 | 1,839,010.0 | 1,040.00 |  |  |  | Average |  |
|                                      |       | point449 | 449 | 6,371,265.0 | 1,839,505.0 | 1,020.00 |  |  |  | Average |  |
|                                      |       | point422 | 422 | 6,371,265.0 | 1,840,000.0 | 1,000.00 |  |  |  |         |  |
| Proctor Valley Rd - Ent 7 to Ent 8   | 40.0  | point845 | 845 | 6,360,531.5 | 1,833,317.4 | 906.00   |  |  |  | Average |  |
|                                      |       | point847 | 847 | 6,360,575.5 | 1,833,349.5 | 907.90   |  |  |  | Average |  |
|                                      |       | point848 | 848 | 6,360,599.5 | 1,833,371.0 | 909.90   |  |  |  | Average |  |
|                                      |       | point849 | 849 | 6,360,619.5 | 1,833,396.1 | 911.90   |  |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|                                           |      |          |     |             |             |        |  |  |  |         |  |
|-------------------------------------------|------|----------|-----|-------------|-------------|--------|--|--|--|---------|--|
|                                           |      | point850 | 850 | 6,360,635.5 | 1,833,424.1 | 913.80 |  |  |  | Average |  |
|                                           |      | point851 | 851 | 6,360,691.0 | 1,833,542.9 | 922.50 |  |  |  | Average |  |
|                                           |      | point852 | 852 | 6,360,706.0 | 1,833,570.1 | 924.20 |  |  |  | Average |  |
|                                           |      | point853 | 853 | 6,360,725.0 | 1,833,594.6 | 924.70 |  |  |  | Average |  |
|                                           |      | point854 | 854 | 6,360,747.5 | 1,833,615.9 | 925.20 |  |  |  | Average |  |
|                                           |      | point855 | 855 | 6,360,829.5 | 1,833,682.5 | 927.00 |  |  |  | Average |  |
|                                           |      | point856 | 856 | 6,360,855.5 | 1,833,707.2 | 927.50 |  |  |  | Average |  |
|                                           |      | point857 | 857 | 6,360,876.0 | 1,833,736.1 | 928.20 |  |  |  | Average |  |
|                                           |      | point858 | 858 | 6,360,891.5 | 1,833,768.2 | 929.40 |  |  |  | Average |  |
|                                           |      | point859 | 859 | 6,360,896.5 | 1,833,806.6 | 930.60 |  |  |  | Average |  |
|                                           |      | point860 | 860 | 6,360,896.5 | 1,833,838.9 | 931.80 |  |  |  | Average |  |
|                                           |      | point861 | 861 | 6,360,896.5 | 1,834,681.8 | 923.90 |  |  |  | Average |  |
|                                           |      | point862 | 862 | 6,360,893.5 | 1,834,739.8 | 919.80 |  |  |  | Average |  |
|                                           |      | point863 | 863 | 6,360,885.0 | 1,834,798.1 | 915.70 |  |  |  | Average |  |
|                                           |      | point864 | 864 | 6,360,878.0 | 1,834,855.4 | 911.70 |  |  |  | Average |  |
|                                           |      | point893 | 893 | 6,360,868.5 | 1,834,918.4 | 908.80 |  |  |  |         |  |
| Proctor Valley Road - Ent 9 to Melody     | 25.0 | point881 | 881 | 6,368,149.0 | 1,836,340.0 | 960.00 |  |  |  | Average |  |
|                                           |      | point882 | 882 | 6,366,145.0 | 1,836,340.0 | 968.00 |  |  |  | Average |  |
|                                           |      | point883 | 883 | 6,362,537.5 | 1,836,340.0 | 910.00 |  |  |  |         |  |
| Proctor Valley Road - Proj Ent 1 to Chula | 60.0 | point884 | 884 | 6,354,425.0 | 1,823,684.4 | 591.80 |  |  |  | Average |  |
|                                           |      | point602 | 602 | 6,354,319.0 | 1,823,650.4 | 591.10 |  |  |  | Average |  |
|                                           |      | point603 | 603 | 6,354,213.0 | 1,823,616.2 | 591.00 |  |  |  | Average |  |
|                                           |      | point604 | 604 | 6,354,107.0 | 1,823,582.2 | 589.90 |  |  |  | Average |  |
|                                           |      | point605 | 605 | 6,354,001.0 | 1,823,548.1 | 588.80 |  |  |  | Average |  |
|                                           |      | point606 | 606 | 6,353,895.0 | 1,823,514.1 | 587.60 |  |  |  | Average |  |
|                                           |      | point607 | 607 | 6,353,846.5 | 1,823,497.4 | 587.10 |  |  |  | Average |  |
|                                           |      | point608 | 608 | 6,353,799.0 | 1,823,478.8 | 586.60 |  |  |  | Average |  |
|                                           |      | point609 | 609 | 6,353,752.5 | 1,823,458.0 | 586.10 |  |  |  | Average |  |
|                                           |      | point610 | 610 | 6,353,706.5 | 1,823,435.4 | 585.60 |  |  |  | Average |  |
|                                           |      | point611 | 611 | 6,353,662.0 | 1,823,410.8 | 585.10 |  |  |  | Average |  |
|                                           |      | point612 | 612 | 6,353,618.0 | 1,823,384.4 | 584.60 |  |  |  | Average |  |
|                                           |      | point613 | 613 | 6,353,575.5 | 1,823,356.0 | 584.10 |  |  |  | Average |  |
|                                           |      | point614 | 614 | 6,353,534.5 | 1,823,326.0 | 583.60 |  |  |  | Average |  |
|                                           |      | point615 | 615 | 6,353,494.5 | 1,823,294.1 | 583.10 |  |  |  | Average |  |
|                                           |      | point616 | 616 | 6,353,456.0 | 1,823,260.6 | 582.50 |  |  |  | Average |  |
|                                           |      | point617 | 617 | 6,353,419.0 | 1,823,225.6 | 582.00 |  |  |  | Average |  |
|                                           |      | point618 | 618 | 6,353,383.5 | 1,823,188.9 | 581.50 |  |  |  | Average |  |
|                                           |      | point619 | 619 | 6,353,349.5 | 1,823,150.9 | 581.00 |  |  |  | Average |  |
|                                           |      | point620 | 620 | 6,353,317.0 | 1,823,111.2 | 580.50 |  |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|  |          |     |             |             |        |  |  |  |         |  |
|--|----------|-----|-------------|-------------|--------|--|--|--|---------|--|
|  | point621 | 621 | 6,353,286.5 | 1,823,070.4 | 580.00 |  |  |  | Average |  |
|  | point622 | 622 | 6,353,257.5 | 1,823,028.2 | 579.50 |  |  |  | Average |  |
|  | point623 | 623 | 6,353,230.5 | 1,822,985.0 | 579.00 |  |  |  | Average |  |
|  | point624 | 624 | 6,353,139.5 | 1,822,831.8 | 577.20 |  |  |  | Average |  |
|  | point625 | 625 | 6,353,113.0 | 1,822,789.2 | 576.70 |  |  |  | Average |  |
|  | point626 | 626 | 6,353,084.5 | 1,822,747.9 | 576.30 |  |  |  | Average |  |
|  | point627 | 627 | 6,353,055.0 | 1,822,707.8 | 576.60 |  |  |  | Average |  |
|  | point628 | 628 | 6,353,023.0 | 1,822,669.0 | 577.10 |  |  |  | Average |  |
|  | point629 | 629 | 6,352,990.0 | 1,822,631.5 | 577.60 |  |  |  | Average |  |
|  | point630 | 630 | 6,352,955.5 | 1,822,595.4 | 578.10 |  |  |  | Average |  |
|  | point631 | 631 | 6,352,919.0 | 1,822,560.9 | 578.60 |  |  |  | Average |  |
|  | point632 | 632 | 6,352,881.5 | 1,822,527.8 | 579.10 |  |  |  | Average |  |
|  | point633 | 633 | 6,352,842.5 | 1,822,496.2 | 579.60 |  |  |  | Average |  |
|  | point634 | 634 | 6,352,802.5 | 1,822,466.5 | 580.10 |  |  |  | Average |  |
|  | point635 | 635 | 6,352,761.0 | 1,822,438.4 | 580.60 |  |  |  | Average |  |
|  | point636 | 636 | 6,352,718.5 | 1,822,412.0 | 581.10 |  |  |  | Average |  |
|  | point637 | 637 | 6,352,675.0 | 1,822,387.5 | 580.60 |  |  |  | Average |  |
|  | point638 | 638 | 6,352,630.5 | 1,822,364.8 | 581.00 |  |  |  | Average |  |
|  | point639 | 639 | 6,352,585.0 | 1,822,343.9 | 581.50 |  |  |  | Average |  |
|  | point640 | 640 | 6,352,538.5 | 1,822,325.0 | 582.00 |  |  |  | Average |  |
|  | point641 | 641 | 6,352,443.5 | 1,822,288.4 | 583.10 |  |  |  | Average |  |
|  | point642 | 642 | 6,352,397.5 | 1,822,269.0 | 583.30 |  |  |  | Average |  |
|  | point643 | 643 | 6,352,352.5 | 1,822,247.0 | 583.20 |  |  |  | Average |  |
|  | point644 | 644 | 6,352,309.0 | 1,822,222.2 | 582.70 |  |  |  | Average |  |
|  | point645 | 645 | 6,352,267.5 | 1,822,194.9 | 582.20 |  |  |  | Average |  |
|  | point646 | 646 | 6,352,227.0 | 1,822,165.1 | 581.70 |  |  |  | Average |  |
|  | point647 | 647 | 6,352,189.0 | 1,822,133.0 | 581.20 |  |  |  | Average |  |
|  | point648 | 648 | 6,352,153.0 | 1,822,098.5 | 580.70 |  |  |  | Average |  |
|  | point649 | 649 | 6,352,119.0 | 1,822,062.0 | 580.20 |  |  |  | Average |  |
|  | point650 | 650 | 6,352,087.0 | 1,822,023.5 | 579.70 |  |  |  | Average |  |
|  | point651 | 651 | 6,352,057.5 | 1,821,983.0 | 579.20 |  |  |  | Average |  |
|  | point652 | 652 | 6,352,031.0 | 1,821,941.0 | 578.70 |  |  |  | Average |  |
|  | point653 | 653 | 6,352,006.5 | 1,821,897.4 | 578.20 |  |  |  | Average |  |
|  | point654 | 654 | 6,351,985.0 | 1,821,852.2 | 577.70 |  |  |  | Average |  |
|  | point655 | 655 | 6,351,966.0 | 1,821,806.0 | 577.20 |  |  |  | Average |  |
|  | point656 | 656 | 6,351,950.0 | 1,821,758.8 | 576.70 |  |  |  | Average |  |
|  | point657 | 657 | 6,351,919.0 | 1,821,657.0 | 575.60 |  |  |  | Average |  |
|  | point658 | 658 | 6,351,888.0 | 1,821,555.1 | 574.50 |  |  |  | Average |  |
|  | point659 | 659 | 6,351,857.0 | 1,821,453.4 | 573.50 |  |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|  |          |     |             |             |        |  |  |  |         |  |
|--|----------|-----|-------------|-------------|--------|--|--|--|---------|--|
|  | point660 | 660 | 6,351,826.0 | 1,821,351.6 | 572.40 |  |  |  | Average |  |
|  | point661 | 661 | 6,351,795.0 | 1,821,249.9 | 571.30 |  |  |  | Average |  |
|  | point662 | 662 | 6,351,764.0 | 1,821,148.0 | 570.30 |  |  |  | Average |  |
|  | point663 | 663 | 6,351,752.0 | 1,821,111.1 | 569.90 |  |  |  | Average |  |
|  | point664 | 664 | 6,351,738.5 | 1,821,074.8 | 569.50 |  |  |  | Average |  |
|  | point665 | 665 | 6,351,704.0 | 1,820,986.4 | 568.60 |  |  |  | Average |  |
|  | point666 | 666 | 6,351,669.5 | 1,820,898.0 | 568.40 |  |  |  | Average |  |
|  | point667 | 667 | 6,351,635.0 | 1,820,809.8 | 569.40 |  |  |  | Average |  |
|  | point668 | 668 | 6,351,600.0 | 1,820,721.4 | 570.40 |  |  |  | Average |  |
|  | point669 | 669 | 6,351,565.5 | 1,820,633.0 | 571.30 |  |  |  | Average |  |
|  | point670 | 670 | 6,351,531.0 | 1,820,544.6 | 572.20 |  |  |  | Average |  |
|  | point671 | 671 | 6,351,496.5 | 1,820,456.4 | 572.80 |  |  |  | Average |  |
|  | point672 | 672 | 6,351,461.5 | 1,820,368.0 | 571.90 |  |  |  | Average |  |
|  | point673 | 673 | 6,351,442.5 | 1,820,323.2 | 571.40 |  |  |  | Average |  |
|  | point674 | 674 | 6,351,420.0 | 1,820,279.9 | 570.90 |  |  |  | Average |  |
|  | point675 | 675 | 6,351,394.5 | 1,820,238.2 | 570.40 |  |  |  | Average |  |
|  | point676 | 676 | 6,351,366.5 | 1,820,198.5 | 569.90 |  |  |  | Average |  |
|  | point677 | 677 | 6,351,335.5 | 1,820,160.8 | 569.40 |  |  |  | Average |  |
|  | point678 | 678 | 6,351,302.0 | 1,820,125.4 | 568.90 |  |  |  | Average |  |
|  | point679 | 679 | 6,351,266.0 | 1,820,092.2 | 568.40 |  |  |  | Average |  |
|  | point680 | 680 | 6,351,228.0 | 1,820,061.8 | 567.90 |  |  |  | Average |  |
|  | point681 | 681 | 6,351,188.0 | 1,820,034.0 | 567.50 |  |  |  | Average |  |
|  | point682 | 682 | 6,351,146.0 | 1,820,009.1 | 567.00 |  |  |  | Average |  |
|  | point683 | 683 | 6,351,102.5 | 1,819,987.2 | 566.50 |  |  |  | Average |  |
|  | point684 | 684 | 6,351,057.5 | 1,819,968.5 | 566.00 |  |  |  | Average |  |
|  | point685 | 685 | 6,351,011.0 | 1,819,952.9 | 565.50 |  |  |  | Average |  |
|  | point686 | 686 | 6,350,964.0 | 1,819,940.5 | 565.00 |  |  |  | Average |  |
|  | point687 | 687 | 6,350,916.0 | 1,819,931.4 | 564.50 |  |  |  | Average |  |
|  | point688 | 688 | 6,350,867.5 | 1,819,925.6 | 564.00 |  |  |  | Average |  |
|  | point689 | 689 | 6,350,819.0 | 1,819,923.4 | 563.60 |  |  |  | Average |  |
|  | point690 | 690 | 6,350,770.0 | 1,819,924.4 | 563.10 |  |  |  | Average |  |
|  | point691 | 691 | 6,350,721.5 | 1,819,928.9 | 562.60 |  |  |  | Average |  |
|  | point692 | 692 | 6,350,625.0 | 1,819,941.2 | 561.70 |  |  |  | Average |  |
|  | point693 | 693 | 6,350,528.5 | 1,819,953.5 | 561.60 |  |  |  | Average |  |
|  | point694 | 694 | 6,350,432.0 | 1,819,965.8 | 562.60 |  |  |  | Average |  |
|  | point695 | 695 | 6,350,335.5 | 1,819,978.1 | 565.10 |  |  |  | Average |  |
|  | point696 | 696 | 6,350,239.0 | 1,819,990.4 | 568.80 |  |  |  | Average |  |
|  | point697 | 697 | 6,350,142.5 | 1,820,002.6 | 572.20 |  |  |  | Average |  |
|  | point698 | 698 | 6,350,045.5 | 1,820,015.0 | 575.60 |  |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|                                       |      |          |     |             |             |        |  |  |  |         |  |
|---------------------------------------|------|----------|-----|-------------|-------------|--------|--|--|--|---------|--|
|                                       |      | point699 | 699 | 6,349,996.5 | 1,820,022.0 | 577.30 |  |  |  | Average |  |
|                                       |      | point700 | 700 | 6,349,948.0 | 1,820,030.8 | 579.00 |  |  |  | Average |  |
|                                       |      | point701 | 701 | 6,349,899.5 | 1,820,041.0 | 580.80 |  |  |  | Average |  |
|                                       |      | point702 | 702 | 6,349,851.5 | 1,820,052.9 | 582.50 |  |  |  | Average |  |
|                                       |      | point703 | 703 | 6,349,804.0 | 1,820,066.2 | 584.20 |  |  |  | Average |  |
|                                       |      | point704 | 704 | 6,349,756.5 | 1,820,081.4 | 585.90 |  |  |  | Average |  |
|                                       |      | point705 | 705 | 6,349,710.0 | 1,820,097.9 | 587.70 |  |  |  | Average |  |
|                                       |      | point706 | 706 | 6,349,664.0 | 1,820,116.0 | 589.40 |  |  |  | Average |  |
|                                       |      | point707 | 707 | 6,349,618.5 | 1,820,135.6 | 591.10 |  |  |  | Average |  |
|                                       |      | point708 | 708 | 6,349,573.5 | 1,820,156.6 | 592.80 |  |  |  | Average |  |
|                                       |      | point709 | 709 | 6,349,529.5 | 1,820,179.2 | 594.60 |  |  |  | Average |  |
|                                       |      | point710 | 710 | 6,349,486.5 | 1,820,203.2 | 596.30 |  |  |  | Average |  |
|                                       |      | point711 | 711 | 6,349,389.0 | 1,820,259.2 | 600.20 |  |  |  | Average |  |
|                                       |      | point712 | 712 | 6,349,292.0 | 1,820,315.2 | 604.10 |  |  |  | Average |  |
|                                       |      | point713 | 713 | 6,349,194.5 | 1,820,371.4 | 608.00 |  |  |  | Average |  |
|                                       |      | point714 | 714 | 6,349,097.5 | 1,820,427.4 | 611.90 |  |  |  | Average |  |
|                                       |      | point715 | 715 | 6,349,000.0 | 1,820,483.4 | 615.90 |  |  |  | Average |  |
|                                       |      | point716 | 716 | 6,348,903.0 | 1,820,539.5 | 619.80 |  |  |  | Average |  |
|                                       |      | point717 | 717 | 6,348,819.5 | 1,820,587.5 | 624.60 |  |  |  |         |  |
| Proctor Valley Road - Proj Ent 1 to 2 | 60.0 | point886 | 886 | 6,354,855.5 | 1,824,377.8 | 603.80 |  |  |  | Average |  |
|                                       |      | point592 | 592 | 6,354,808.0 | 1,824,274.2 | 602.10 |  |  |  | Average |  |
|                                       |      | point593 | 593 | 6,354,761.0 | 1,824,170.8 | 600.40 |  |  |  | Average |  |
|                                       |      | point594 | 594 | 6,354,713.5 | 1,824,067.2 | 598.60 |  |  |  | Average |  |
|                                       |      | point595 | 595 | 6,354,692.5 | 1,824,024.8 | 597.90 |  |  |  | Average |  |
|                                       |      | point596 | 596 | 6,354,668.5 | 1,823,983.8 | 597.20 |  |  |  | Average |  |
|                                       |      | point597 | 597 | 6,354,641.5 | 1,823,944.5 | 596.40 |  |  |  | Average |  |
|                                       |      | point598 | 598 | 6,354,612.5 | 1,823,907.2 | 595.70 |  |  |  | Average |  |
|                                       |      | point599 | 599 | 6,354,550.0 | 1,823,833.0 | 594.20 |  |  |  | Average |  |
|                                       |      | point885 | 885 | 6,354,487.5 | 1,823,758.6 | 593.10 |  |  |  | Average |  |
|                                       |      | point601 | 601 | 6,354,425.0 | 1,823,684.4 | 591.80 |  |  |  |         |  |
| Proctor Valley Road - Proj Ent 2 to 3 | 60.0 | point887 | 887 | 6,355,996.0 | 1,826,801.6 | 649.50 |  |  |  | Average |  |
|                                       |      | point551 | 551 | 6,355,981.0 | 1,826,756.0 | 648.90 |  |  |  | Average |  |
|                                       |      | point552 | 552 | 6,355,967.5 | 1,826,709.8 | 648.10 |  |  |  | Average |  |
|                                       |      | point553 | 553 | 6,355,957.0 | 1,826,662.9 | 647.30 |  |  |  | Average |  |
|                                       |      | point554 | 554 | 6,355,948.5 | 1,826,615.6 | 646.50 |  |  |  | Average |  |
|                                       |      | point555 | 555 | 6,355,942.5 | 1,826,567.9 | 645.70 |  |  |  | Average |  |
|                                       |      | point556 | 556 | 6,355,939.0 | 1,826,520.0 | 644.90 |  |  |  | Average |  |
|                                       |      | point557 | 557 | 6,355,934.0 | 1,826,413.9 | 643.10 |  |  |  | Average |  |
|                                       |      | point558 | 558 | 6,355,929.0 | 1,826,307.8 | 641.40 |  |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|                                       |      |          |     |             |             |        |  |  |  |         |  |
|---------------------------------------|------|----------|-----|-------------|-------------|--------|--|--|--|---------|--|
|                                       |      | point559 | 559 | 6,355,924.0 | 1,826,201.6 | 639.60 |  |  |  | Average |  |
|                                       |      | point560 | 560 | 6,355,919.0 | 1,826,095.5 | 637.80 |  |  |  | Average |  |
|                                       |      | point561 | 561 | 6,355,914.0 | 1,825,989.4 | 636.30 |  |  |  | Average |  |
|                                       |      | point562 | 562 | 6,355,909.0 | 1,825,883.2 | 635.20 |  |  |  | Average |  |
|                                       |      | point563 | 563 | 6,355,904.0 | 1,825,777.1 | 634.10 |  |  |  | Average |  |
|                                       |      | point564 | 564 | 6,355,899.5 | 1,825,727.6 | 633.60 |  |  |  | Average |  |
|                                       |      | point565 | 565 | 6,355,891.0 | 1,825,678.8 | 633.10 |  |  |  | Average |  |
|                                       |      | point566 | 566 | 6,355,878.5 | 1,825,630.8 | 632.60 |  |  |  | Average |  |
|                                       |      | point567 | 567 | 6,355,862.0 | 1,825,584.0 | 632.20 |  |  |  | Average |  |
|                                       |      | point568 | 568 | 6,355,842.0 | 1,825,538.6 | 631.70 |  |  |  | Average |  |
|                                       |      | point569 | 569 | 6,355,818.0 | 1,825,495.2 | 631.20 |  |  |  | Average |  |
|                                       |      | point570 | 570 | 6,355,790.5 | 1,825,453.9 | 630.70 |  |  |  | Average |  |
|                                       |      | point571 | 571 | 6,355,760.0 | 1,825,414.9 | 630.20 |  |  |  | Average |  |
|                                       |      | point572 | 572 | 6,355,726.0 | 1,825,378.6 | 629.70 |  |  |  | Average |  |
|                                       |      | point573 | 573 | 6,355,689.5 | 1,825,345.2 | 629.20 |  |  |  | Average |  |
|                                       |      | point574 | 574 | 6,355,650.0 | 1,825,315.0 | 628.70 |  |  |  | Average |  |
|                                       |      | point575 | 575 | 6,355,543.5 | 1,825,240.2 | 627.40 |  |  |  | Average |  |
|                                       |      | point576 | 576 | 6,355,437.5 | 1,825,165.5 | 626.10 |  |  |  | Average |  |
|                                       |      | point577 | 577 | 6,355,331.0 | 1,825,090.6 | 624.80 |  |  |  | Average |  |
|                                       |      | point578 | 578 | 6,355,292.5 | 1,825,062.0 | 624.30 |  |  |  | Average |  |
|                                       |      | point579 | 579 | 6,355,255.5 | 1,825,031.6 | 623.80 |  |  |  | Average |  |
|                                       |      | point580 | 580 | 6,355,219.5 | 1,824,999.4 | 623.30 |  |  |  | Average |  |
|                                       |      | point581 | 581 | 6,355,185.5 | 1,824,965.5 | 622.80 |  |  |  | Average |  |
|                                       |      | point582 | 582 | 6,355,153.0 | 1,824,930.0 | 622.40 |  |  |  | Average |  |
|                                       |      | point583 | 583 | 6,355,122.5 | 1,824,893.0 | 621.90 |  |  |  | Average |  |
|                                       |      | point584 | 584 | 6,355,093.5 | 1,824,854.6 | 621.30 |  |  |  | Average |  |
|                                       |      | point585 | 585 | 6,355,066.5 | 1,824,814.9 | 620.50 |  |  |  | Average |  |
|                                       |      | point586 | 586 | 6,355,041.5 | 1,824,773.8 | 619.40 |  |  |  | Average |  |
|                                       |      | point587 | 587 | 6,355,018.5 | 1,824,731.6 | 617.90 |  |  |  | Average |  |
|                                       |      | point588 | 588 | 6,354,997.5 | 1,824,688.4 | 616.00 |  |  |  | Average |  |
|                                       |      | point589 | 589 | 6,354,950.0 | 1,824,584.9 | 611.00 |  |  |  | Average |  |
|                                       |      | point590 | 590 | 6,354,902.5 | 1,824,481.4 | 606.40 |  |  |  | Average |  |
|                                       |      | point591 | 591 | 6,354,855.5 | 1,824,377.8 | 603.80 |  |  |  |         |  |
| Proctor Valley Road - Proj Ent 3 to 4 | 60.0 | point888 | 888 | 6,356,791.0 | 1,827,626.9 | 692.80 |  |  |  | Average |  |
|                                       |      | point533 | 533 | 6,356,707.0 | 1,827,562.4 | 689.10 |  |  |  | Average |  |
|                                       |      | point534 | 534 | 6,356,623.5 | 1,827,497.8 | 684.20 |  |  |  | Average |  |
|                                       |      | point535 | 535 | 6,356,593.5 | 1,827,474.2 | 682.40 |  |  |  | Average |  |
|                                       |      | point536 | 536 | 6,356,564.0 | 1,827,450.1 | 680.70 |  |  |  | Average |  |
|                                       |      | point537 | 537 | 6,356,535.0 | 1,827,425.5 | 679.00 |  |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|                                       |      |          |     |             |             |        |  |  |  |         |  |
|---------------------------------------|------|----------|-----|-------------|-------------|--------|--|--|--|---------|--|
|                                       |      | point538 | 538 | 6,356,445.5 | 1,827,348.0 | 673.40 |  |  |  | Average |  |
|                                       |      | point539 | 539 | 6,356,356.0 | 1,827,270.5 | 667.50 |  |  |  | Average |  |
|                                       |      | point540 | 540 | 6,356,266.5 | 1,827,193.0 | 662.30 |  |  |  | Average |  |
|                                       |      | point541 | 541 | 6,356,231.0 | 1,827,160.6 | 660.20 |  |  |  | Average |  |
|                                       |      | point542 | 542 | 6,356,197.0 | 1,827,126.5 | 658.30 |  |  |  | Average |  |
|                                       |      | point543 | 543 | 6,356,165.0 | 1,827,090.6 | 656.40 |  |  |  | Average |  |
|                                       |      | point544 | 544 | 6,356,134.5 | 1,827,053.2 | 655.00 |  |  |  | Average |  |
|                                       |      | point545 | 545 | 6,356,106.5 | 1,827,014.5 | 653.80 |  |  |  | Average |  |
|                                       |      | point546 | 546 | 6,356,080.0 | 1,826,974.2 | 652.90 |  |  |  | Average |  |
|                                       |      | point547 | 547 | 6,356,056.0 | 1,826,932.8 | 652.10 |  |  |  | Average |  |
|                                       |      | point548 | 548 | 6,356,033.5 | 1,826,890.0 | 650.40 |  |  |  | Average |  |
|                                       |      | point549 | 549 | 6,356,014.0 | 1,826,846.2 | 650.50 |  |  |  | Average |  |
|                                       |      | point550 | 550 | 6,355,996.0 | 1,826,801.6 | 649.50 |  |  |  |         |  |
| Proctor Valley Road - Proj Ent 4 to 5 | 60.0 | point889 | 889 | 6,359,116.5 | 1,829,950.2 | 763.10 |  |  |  | Average |  |
|                                       |      | point485 | 485 | 6,359,094.5 | 1,829,907.9 | 762.40 |  |  |  | Average |  |
|                                       |      | point486 | 486 | 6,359,072.0 | 1,829,865.5 | 761.60 |  |  |  | Average |  |
|                                       |      | point487 | 487 | 6,359,049.5 | 1,829,823.1 | 760.60 |  |  |  | Average |  |
|                                       |      | point488 | 488 | 6,359,027.5 | 1,829,780.8 | 759.00 |  |  |  | Average |  |
|                                       |      | point489 | 489 | 6,359,005.0 | 1,829,738.4 | 756.50 |  |  |  | Average |  |
|                                       |      | point490 | 490 | 6,358,982.5 | 1,829,696.0 | 753.50 |  |  |  | Average |  |
|                                       |      | point491 | 491 | 6,358,960.5 | 1,829,653.6 | 750.00 |  |  |  | Average |  |
|                                       |      | point492 | 492 | 6,358,938.0 | 1,829,611.2 | 746.90 |  |  |  | Average |  |
|                                       |      | point493 | 493 | 6,358,916.0 | 1,829,568.9 | 744.90 |  |  |  | Average |  |
|                                       |      | point494 | 494 | 6,358,893.5 | 1,829,526.5 | 743.00 |  |  |  | Average |  |
|                                       |      | point495 | 495 | 6,358,871.0 | 1,829,484.1 | 741.50 |  |  |  | Average |  |
|                                       |      | point496 | 496 | 6,358,849.0 | 1,829,441.8 | 740.10 |  |  |  | Average |  |
|                                       |      | point497 | 497 | 6,358,803.5 | 1,829,368.9 | 737.40 |  |  |  | Average |  |
|                                       |      | point498 | 498 | 6,358,748.5 | 1,829,303.2 | 734.70 |  |  |  | Average |  |
|                                       |      | point499 | 499 | 6,358,712.0 | 1,829,265.8 | 733.10 |  |  |  | Average |  |
|                                       |      | point500 | 500 | 6,358,675.5 | 1,829,228.2 | 731.40 |  |  |  | Average |  |
|                                       |      | point501 | 501 | 6,358,639.0 | 1,829,190.8 | 729.80 |  |  |  | Average |  |
|                                       |      | point502 | 502 | 6,358,602.5 | 1,829,153.2 | 728.10 |  |  |  | Average |  |
|                                       |      | point503 | 503 | 6,358,566.5 | 1,829,115.8 | 726.50 |  |  |  | Average |  |
|                                       |      | point504 | 504 | 6,358,530.0 | 1,829,078.2 | 724.80 |  |  |  | Average |  |
|                                       |      | point505 | 505 | 6,358,493.5 | 1,829,040.8 | 723.20 |  |  |  | Average |  |
|                                       |      | point506 | 506 | 6,358,457.0 | 1,829,003.2 | 721.50 |  |  |  | Average |  |
|                                       |      | point507 | 507 | 6,358,421.0 | 1,828,965.2 | 719.90 |  |  |  | Average |  |
|                                       |      | point508 | 508 | 6,358,385.5 | 1,828,927.2 | 718.30 |  |  |  | Average |  |
|                                       |      | point509 | 509 | 6,358,349.5 | 1,828,889.1 | 716.70 |  |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|                                       |      |          |     |             |             |        |  |  |  |         |  |
|---------------------------------------|------|----------|-----|-------------|-------------|--------|--|--|--|---------|--|
|                                       |      | point510 | 510 | 6,358,313.5 | 1,828,851.1 | 715.20 |  |  |  | Average |  |
|                                       |      | point511 | 511 | 6,358,278.0 | 1,828,813.1 | 714.20 |  |  |  | Average |  |
|                                       |      | point512 | 512 | 6,358,242.0 | 1,828,775.1 | 713.60 |  |  |  | Average |  |
|                                       |      | point513 | 513 | 6,358,206.0 | 1,828,737.0 | 713.00 |  |  |  | Average |  |
|                                       |      | point514 | 514 | 6,358,170.5 | 1,828,699.0 | 712.50 |  |  |  | Average |  |
|                                       |      | point515 | 515 | 6,358,136.5 | 1,828,665.6 | 712.00 |  |  |  | Average |  |
|                                       |      | point516 | 516 | 6,358,100.0 | 1,828,635.1 | 711.50 |  |  |  | Average |  |
|                                       |      | point517 | 517 | 6,358,048.5 | 1,828,595.4 | 710.90 |  |  |  | Average |  |
|                                       |      | point518 | 518 | 6,357,964.5 | 1,828,530.9 | 709.80 |  |  |  | Average |  |
|                                       |      | point519 | 519 | 6,357,880.5 | 1,828,466.2 | 708.80 |  |  |  | Average |  |
|                                       |      | point520 | 520 | 6,357,797.0 | 1,828,401.8 | 707.70 |  |  |  | Average |  |
|                                       |      | point521 | 521 | 6,357,713.0 | 1,828,337.1 | 706.70 |  |  |  | Average |  |
|                                       |      | point522 | 522 | 6,357,629.0 | 1,828,272.6 | 705.60 |  |  |  | Average |  |
|                                       |      | point523 | 523 | 6,357,545.5 | 1,828,208.0 | 704.50 |  |  |  | Average |  |
|                                       |      | point524 | 524 | 6,357,461.5 | 1,828,143.5 | 703.50 |  |  |  | Average |  |
|                                       |      | point525 | 525 | 6,357,378.0 | 1,828,078.9 | 702.40 |  |  |  | Average |  |
|                                       |      | point526 | 526 | 6,357,294.0 | 1,828,014.4 | 701.40 |  |  |  | Average |  |
|                                       |      | point527 | 527 | 6,357,210.0 | 1,827,949.8 | 700.30 |  |  |  | Average |  |
|                                       |      | point528 | 528 | 6,357,126.5 | 1,827,885.1 | 699.20 |  |  |  | Average |  |
|                                       |      | point529 | 529 | 6,357,042.5 | 1,827,820.6 | 698.20 |  |  |  | Average |  |
|                                       |      | point530 | 530 | 6,356,958.5 | 1,827,756.0 | 697.10 |  |  |  | Average |  |
|                                       |      | point531 | 531 | 6,356,875.0 | 1,827,691.5 | 695.50 |  |  |  | Average |  |
|                                       |      | point532 | 532 | 6,356,791.0 | 1,827,626.9 | 692.80 |  |  |  |         |  |
| Proctor Valley Road - Proj Ent 5 to 6 | 60.0 | point890 | 890 | 6,359,518.0 | 1,831,098.8 | 836.00 |  |  |  | Average |  |
|                                       |      | point461 | 461 | 6,359,514.5 | 1,831,048.6 | 835.30 |  |  |  | Average |  |
|                                       |      | point462 | 462 | 6,359,510.0 | 1,830,998.5 | 834.10 |  |  |  | Average |  |
|                                       |      | point463 | 463 | 6,359,504.0 | 1,830,948.6 | 832.80 |  |  |  | Average |  |
|                                       |      | point464 | 464 | 6,359,496.5 | 1,830,898.9 | 831.00 |  |  |  | Average |  |
|                                       |      | point465 | 465 | 6,359,488.0 | 1,830,849.4 | 829.00 |  |  |  | Average |  |
|                                       |      | point466 | 466 | 6,359,478.0 | 1,830,800.0 | 825.70 |  |  |  | Average |  |
|                                       |      | point467 | 467 | 6,359,467.0 | 1,830,751.0 | 822.20 |  |  |  | Average |  |
|                                       |      | point468 | 468 | 6,359,455.0 | 1,830,702.2 | 818.00 |  |  |  | Average |  |
|                                       |      | point469 | 469 | 6,359,441.5 | 1,830,653.9 | 813.80 |  |  |  | Average |  |
|                                       |      | point470 | 470 | 6,359,427.0 | 1,830,605.8 | 809.70 |  |  |  | Average |  |
|                                       |      | point471 | 471 | 6,359,411.0 | 1,830,558.0 | 805.50 |  |  |  | Average |  |
|                                       |      | point472 | 472 | 6,359,394.0 | 1,830,510.8 | 801.30 |  |  |  | Average |  |
|                                       |      | point473 | 473 | 6,359,375.5 | 1,830,463.9 | 797.10 |  |  |  | Average |  |
|                                       |      | point474 | 474 | 6,359,356.0 | 1,830,417.5 | 793.00 |  |  |  | Average |  |
|                                       |      | point475 | 475 | 6,359,335.5 | 1,830,371.6 | 788.80 |  |  |  | Average |  |

## INPUT: ROADWAYS

8207

|                                 |      |          |     |             |             |        |  |  |  |         |  |
|---------------------------------|------|----------|-----|-------------|-------------|--------|--|--|--|---------|--|
|                                 |      | point476 | 476 | 6,359,314.0 | 1,830,326.4 | 784.70 |  |  |  | Average |  |
|                                 |      | point477 | 477 | 6,359,291.0 | 1,830,281.6 | 780.60 |  |  |  | Average |  |
|                                 |      | point478 | 478 | 6,359,235.5 | 1,830,176.4 | 772.20 |  |  |  | Average |  |
|                                 |      | point479 | 479 | 6,359,219.5 | 1,830,143.0 | 769.80 |  |  |  | Average |  |
|                                 |      | point480 | 480 | 6,359,203.5 | 1,830,105.4 | 768.00 |  |  |  | Average |  |
|                                 |      | point481 | 481 | 6,359,187.0 | 1,830,067.8 | 766.70 |  |  |  | Average |  |
|                                 |      | point482 | 482 | 6,359,164.0 | 1,830,021.8 | 765.10 |  |  |  | Average |  |
|                                 |      | point483 | 483 | 6,359,136.5 | 1,829,978.2 | 763.40 |  |  |  | Average |  |
|                                 |      | point484 | 484 | 6,359,116.5 | 1,829,950.2 | 763.10 |  |  |  |         |  |
| Proctor Valley Road - West Fork | 40.0 | point891 | 891 | 6,360,476.5 | 1,835,546.8 | 884.80 |  |  |  | Average |  |
|                                 |      | point763 | 763 | 6,360,443.5 | 1,835,500.8 | 885.50 |  |  |  | Average |  |
|                                 |      | point764 | 764 | 6,360,416.5 | 1,835,458.5 | 886.20 |  |  |  | Average |  |
|                                 |      | point765 | 765 | 6,360,393.5 | 1,835,413.6 | 886.80 |  |  |  | Average |  |
|                                 |      | point766 | 766 | 6,360,375.5 | 1,835,366.8 | 887.00 |  |  |  | Average |  |
|                                 |      | point767 | 767 | 6,360,368.0 | 1,835,342.8 | 887.20 |  |  |  | Average |  |
|                                 |      | point768 | 768 | 6,360,354.5 | 1,835,294.0 | 886.60 |  |  |  | Average |  |
|                                 |      | point769 | 769 | 6,360,341.5 | 1,835,245.4 | 885.90 |  |  |  | Average |  |
|                                 |      | point770 | 770 | 6,360,328.0 | 1,835,196.6 | 885.00 |  |  |  | Average |  |
|                                 |      | point771 | 771 | 6,360,314.5 | 1,835,148.0 | 884.00 |  |  |  | Average |  |
|                                 |      | point772 | 772 | 6,360,300.5 | 1,835,099.4 | 883.20 |  |  |  | Average |  |
|                                 |      | point773 | 773 | 6,360,285.0 | 1,835,051.4 | 882.50 |  |  |  | Average |  |
|                                 |      | point774 | 774 | 6,360,269.0 | 1,835,003.5 | 882.20 |  |  |  | Average |  |
|                                 |      | point775 | 775 | 6,360,253.0 | 1,834,955.5 | 882.50 |  |  |  | Average |  |
|                                 |      | point776 | 776 | 6,360,237.0 | 1,834,907.6 | 883.20 |  |  |  | Average |  |
|                                 |      | point777 | 777 | 6,360,226.5 | 1,834,870.4 | 883.90 |  |  |  | Average |  |
|                                 |      | point778 | 778 | 6,360,218.5 | 1,834,832.5 | 884.70 |  |  |  | Average |  |
|                                 |      | point779 | 779 | 6,360,209.5 | 1,834,780.4 | 886.50 |  |  |  | Average |  |
|                                 |      | point780 | 780 | 6,360,201.0 | 1,834,728.2 | 888.30 |  |  |  | Average |  |
|                                 |      | point781 | 781 | 6,360,192.0 | 1,834,676.0 | 890.60 |  |  |  | Average |  |
|                                 |      | point782 | 782 | 6,360,183.5 | 1,834,623.9 | 892.80 |  |  |  | Average |  |
|                                 |      | point783 | 783 | 6,360,173.5 | 1,834,572.0 | 895.00 |  |  |  | Average |  |
|                                 |      | point784 | 784 | 6,360,163.5 | 1,834,520.0 | 897.20 |  |  |  | Average |  |
|                                 |      | point785 | 785 | 6,360,153.5 | 1,834,468.1 | 899.50 |  |  |  | Average |  |
|                                 |      | point786 | 786 | 6,360,144.0 | 1,834,416.1 | 901.70 |  |  |  | Average |  |
|                                 |      | point787 | 787 | 6,360,134.0 | 1,834,364.2 | 904.00 |  |  |  | Average |  |
|                                 |      | point788 | 788 | 6,360,127.0 | 1,834,312.8 | 906.20 |  |  |  | Average |  |
|                                 |      | point789 | 789 | 6,360,125.0 | 1,834,261.0 | 908.30 |  |  |  | Average |  |
|                                 |      | point790 | 790 | 6,360,129.0 | 1,834,209.2 | 909.70 |  |  |  | Average |  |
|                                 |      | point791 | 791 | 6,360,138.0 | 1,834,158.1 | 910.90 |  |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|                                       |      |          |     |             |             |        |  |  |  |         |  |
|---------------------------------------|------|----------|-----|-------------|-------------|--------|--|--|--|---------|--|
|                                       |      | point792 | 792 | 6,360,152.0 | 1,834,108.2 | 912.20 |  |  |  | Average |  |
|                                       |      | point793 | 793 | 6,360,171.5 | 1,834,060.1 | 912.80 |  |  |  | Average |  |
|                                       |      | point794 | 794 | 6,360,474.5 | 1,833,407.5 | 907.20 |  |  |  | Average |  |
|                                       |      | point795 | 795 | 6,360,484.5 | 1,833,386.6 | 907.10 |  |  |  | Average |  |
|                                       |      | point796 | 796 | 6,360,508.0 | 1,833,346.5 | 906.90 |  |  |  | Average |  |
|                                       |      | point797 | 797 | 6,360,535.0 | 1,833,308.6 | 906.70 |  |  |  |         |  |
| Proctor Valley Road - Ent 8 to Melody | 40.0 | point876 | 876 | 6,362,537.5 | 1,836,340.0 | 910.00 |  |  |  | Average |  |
|                                       |      | point877 | 877 | 6,362,460.5 | 1,836,102.2 | 904.00 |  |  |  | Average |  |
|                                       |      | point878 | 878 | 6,361,350.0 | 1,836,103.2 | 904.20 |  |  |  | Average |  |
|                                       |      | point879 | 879 | 6,361,272.5 | 1,836,104.5 | 901.80 |  |  |  | Average |  |
|                                       |      | point880 | 880 | 6,361,198.5 | 1,836,106.0 | 901.10 |  |  |  | Average |  |
|                                       |      | point450 | 450 | 6,361,196.5 | 1,836,105.6 | 901.10 |  |  |  | Average |  |
|                                       |      | point452 | 452 | 6,361,145.0 | 1,836,103.8 | 900.90 |  |  |  | Average |  |
|                                       |      | point746 | 746 | 6,361,094.0 | 1,836,096.6 | 901.80 |  |  |  | Average |  |
|                                       |      | point747 | 747 | 6,361,044.0 | 1,836,084.2 | 901.90 |  |  |  | Average |  |
|                                       |      | point748 | 748 | 6,360,995.5 | 1,836,066.8 | 902.00 |  |  |  | Average |  |
|                                       |      | point749 | 749 | 6,360,949.0 | 1,836,044.4 | 902.10 |  |  |  | Average |  |
|                                       |      | point750 | 750 | 6,360,905.0 | 1,836,017.4 | 902.20 |  |  |  | Average |  |
|                                       |      | point751 | 751 | 6,360,864.5 | 1,835,986.0 | 901.00 |  |  |  | Average |  |
|                                       |      | point752 | 752 | 6,360,817.5 | 1,835,945.9 | 899.60 |  |  |  | Average |  |
|                                       |      | point753 | 753 | 6,360,770.5 | 1,835,905.8 | 897.60 |  |  |  | Average |  |
|                                       |      | point754 | 754 | 6,360,723.5 | 1,835,865.8 | 894.90 |  |  |  | Average |  |
|                                       |      | point755 | 755 | 6,360,705.0 | 1,835,849.5 | 893.80 |  |  |  | Average |  |
|                                       |      | point756 | 756 | 6,360,671.5 | 1,835,814.6 | 891.70 |  |  |  | Average |  |
|                                       |      | point757 | 757 | 6,360,641.5 | 1,835,776.6 | 889.60 |  |  |  | Average |  |
|                                       |      | point758 | 758 | 6,360,608.5 | 1,835,730.6 | 888.20 |  |  |  | Average |  |
|                                       |      | point759 | 759 | 6,360,575.5 | 1,835,684.6 | 887.30 |  |  |  | Average |  |
|                                       |      | point760 | 760 | 6,360,542.5 | 1,835,638.8 | 886.50 |  |  |  | Average |  |
|                                       |      | point761 | 761 | 6,360,509.5 | 1,835,592.8 | 885.50 |  |  |  | Average |  |
|                                       |      | point762 | 762 | 6,360,476.5 | 1,835,546.8 | 884.80 |  |  |  |         |  |
| Proctor Valley Road - Proj Ent 6 to 7 | 60.0 | point892 | 892 | 6,360,535.0 | 1,833,308.6 | 906.70 |  |  |  | Average |  |
|                                       |      | point798 | 798 | 6,360,565.5 | 1,833,273.4 | 906.00 |  |  |  | Average |  |
|                                       |      | point799 | 799 | 6,360,677.0 | 1,833,156.2 | 901.10 |  |  |  | Average |  |
|                                       |      | point800 | 800 | 6,360,710.0 | 1,833,117.9 | 899.00 |  |  |  | Average |  |
|                                       |      | point801 | 801 | 6,360,739.0 | 1,833,076.4 | 896.70 |  |  |  | Average |  |
|                                       |      | point802 | 802 | 6,360,763.5 | 1,833,032.1 | 894.50 |  |  |  | Average |  |
|                                       |      | point803 | 803 | 6,360,783.5 | 1,832,985.6 | 892.30 |  |  |  | Average |  |
|                                       |      | point804 | 804 | 6,360,798.5 | 1,832,937.2 | 890.50 |  |  |  | Average |  |
|                                       |      | point805 | 805 | 6,360,809.0 | 1,832,887.8 | 888.80 |  |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|  |  |          |     |             |             |        |  |  |  |         |  |
|--|--|----------|-----|-------------|-------------|--------|--|--|--|---------|--|
|  |  | point806 | 806 | 6,360,814.0 | 1,832,837.4 | 888.30 |  |  |  | Average |  |
|  |  | point807 | 807 | 6,360,814.0 | 1,832,786.8 | 887.80 |  |  |  | Average |  |
|  |  | point808 | 808 | 6,360,809.0 | 1,832,736.4 | 887.20 |  |  |  | Average |  |
|  |  | point809 | 809 | 6,360,799.0 | 1,832,686.8 | 886.80 |  |  |  | Average |  |
|  |  | point810 | 810 | 6,360,784.0 | 1,832,638.5 | 887.60 |  |  |  | Average |  |
|  |  | point811 | 811 | 6,360,722.5 | 1,832,472.2 | 893.10 |  |  |  | Average |  |
|  |  | point812 | 812 | 6,360,714.5 | 1,832,452.8 | 894.00 |  |  |  | Average |  |
|  |  | point813 | 813 | 6,360,706.0 | 1,832,433.5 | 894.90 |  |  |  | Average |  |
|  |  | point814 | 814 | 6,360,697.0 | 1,832,414.6 | 895.70 |  |  |  | Average |  |
|  |  | point815 | 815 | 6,360,686.5 | 1,832,396.1 | 896.60 |  |  |  | Average |  |
|  |  | point816 | 816 | 6,360,676.0 | 1,832,378.1 | 897.60 |  |  |  | Average |  |
|  |  | point817 | 817 | 6,360,664.0 | 1,832,360.6 | 898.70 |  |  |  | Average |  |
|  |  | point818 | 818 | 6,360,652.0 | 1,832,343.5 | 900.40 |  |  |  | Average |  |
|  |  | point819 | 819 | 6,360,639.0 | 1,832,327.0 | 898.00 |  |  |  | Average |  |
|  |  | point820 | 820 | 6,360,469.5 | 1,832,122.2 | 908.10 |  |  |  | Average |  |
|  |  | point821 | 821 | 6,360,452.5 | 1,832,102.6 | 908.40 |  |  |  | Average |  |
|  |  | point822 | 822 | 6,360,435.0 | 1,832,083.8 | 908.80 |  |  |  | Average |  |
|  |  | point823 | 823 | 6,360,416.5 | 1,832,065.6 | 909.10 |  |  |  | Average |  |
|  |  | point824 | 824 | 6,360,397.0 | 1,832,048.4 | 909.50 |  |  |  | Average |  |
|  |  | point825 | 825 | 6,360,377.0 | 1,832,032.0 | 909.80 |  |  |  | Average |  |
|  |  | point826 | 826 | 6,360,356.0 | 1,832,016.5 | 910.10 |  |  |  | Average |  |
|  |  | point827 | 827 | 6,360,335.0 | 1,832,001.9 | 910.20 |  |  |  | Average |  |
|  |  | point828 | 828 | 6,360,313.0 | 1,831,988.1 | 910.00 |  |  |  | Average |  |
|  |  | point829 | 829 | 6,360,290.0 | 1,831,975.4 | 909.80 |  |  |  | Average |  |
|  |  | point830 | 830 | 6,360,267.0 | 1,831,963.8 | 909.60 |  |  |  | Average |  |
|  |  | point831 | 831 | 6,359,717.0 | 1,831,699.0 | 876.40 |  |  |  | Average |  |
|  |  | point832 | 832 | 6,359,693.5 | 1,831,686.6 | 874.40 |  |  |  | Average |  |
|  |  | point833 | 833 | 6,359,671.0 | 1,831,672.4 | 872.30 |  |  |  | Average |  |
|  |  | point834 | 834 | 6,359,649.5 | 1,831,656.5 | 870.30 |  |  |  | Average |  |
|  |  | point835 | 835 | 6,359,629.5 | 1,831,639.1 | 868.20 |  |  |  | Average |  |
|  |  | point836 | 836 | 6,359,611.0 | 1,831,620.2 | 866.20 |  |  |  | Average |  |
|  |  | point837 | 837 | 6,359,593.5 | 1,831,599.9 | 864.10 |  |  |  | Average |  |
|  |  | point838 | 838 | 6,359,578.0 | 1,831,578.4 | 862.00 |  |  |  | Average |  |
|  |  | point839 | 839 | 6,359,564.0 | 1,831,555.8 | 860.00 |  |  |  | Average |  |
|  |  | point840 | 840 | 6,359,552.0 | 1,831,532.1 | 857.80 |  |  |  | Average |  |
|  |  | point841 | 841 | 6,359,541.5 | 1,831,507.6 | 855.00 |  |  |  | Average |  |
|  |  | point842 | 842 | 6,359,533.0 | 1,831,482.4 | 852.40 |  |  |  | Average |  |
|  |  | point843 | 843 | 6,359,526.5 | 1,831,456.6 | 851.00 |  |  |  | Average |  |
|  |  | point453 | 453 | 6,359,522.0 | 1,831,430.4 | 849.50 |  |  |  | Average |  |

**INPUT: ROADWAYS**
**8207**

|                                     |      |          |     |             |             |        |  |  |  |         |  |
|-------------------------------------|------|----------|-----|-------------|-------------|--------|--|--|--|---------|--|
|                                     |      | point454 | 454 | 6,359,519.5 | 1,831,403.9 | 847.60 |  |  |  | Average |  |
|                                     |      | point455 | 455 | 6,359,519.0 | 1,831,377.2 | 845.70 |  |  |  | Average |  |
|                                     |      | point456 | 456 | 6,359,519.0 | 1,831,350.9 | 844.60 |  |  |  | Average |  |
|                                     |      | point457 | 457 | 6,359,521.0 | 1,831,249.5 | 840.40 |  |  |  | Average |  |
|                                     |      | point458 | 458 | 6,359,521.5 | 1,831,199.2 | 838.00 |  |  |  | Average |  |
|                                     |      | point459 | 459 | 6,359,520.5 | 1,831,149.0 | 836.90 |  |  |  | Average |  |
|                                     |      | point460 | 460 | 6,359,518.0 | 1,831,098.8 | 836.00 |  |  |  |         |  |
| Proctor Valley Rd - Ent 8 to Melody | 40.0 | point894 | 894 | 6,360,868.0 | 1,834,920.0 | 908.80 |  |  |  | Average |  |
|                                     |      | point865 | 865 | 6,360,849.0 | 1,834,975.9 | 905.90 |  |  |  | Average |  |
|                                     |      | point866 | 866 | 6,360,820.5 | 1,835,031.9 | 902.60 |  |  |  | Average |  |
|                                     |      | point867 | 867 | 6,360,794.0 | 1,835,089.8 | 899.20 |  |  |  | Average |  |
|                                     |      | point868 | 868 | 6,360,762.5 | 1,835,145.4 | 896.00 |  |  |  | Average |  |
|                                     |      | point869 | 869 | 6,360,662.0 | 1,835,308.8 | 889.20 |  |  |  | Average |  |
|                                     |      | point870 | 870 | 6,360,643.0 | 1,835,337.8 | 888.10 |  |  |  | Average |  |
|                                     |      | point871 | 871 | 6,360,622.5 | 1,835,365.6 | 887.30 |  |  |  | Average |  |
|                                     |      | point872 | 872 | 6,360,591.0 | 1,835,402.4 | 886.40 |  |  |  | Average |  |
|                                     |      | point873 | 873 | 6,360,556.5 | 1,835,436.6 | 885.70 |  |  |  | Average |  |
|                                     |      | point874 | 874 | 6,360,529.5 | 1,835,460.1 | 885.40 |  |  |  | Average |  |
|                                     |      | point875 | 875 | 6,360,503.5 | 1,835,480.4 | 885.10 |  |  |  | Average |  |
|                                     |      | point846 | 846 | 6,360,457.0 | 1,835,513.6 | 884.50 |  |  |  |         |  |

INPUT: TRAFFIC FOR LAeq1h Percentages

8207

|                                       |                                   |     |         |       |     |         |     |         |     |       |     |             |     |
|---------------------------------------|-----------------------------------|-----|---------|-------|-----|---------|-----|---------|-----|-------|-----|-------------|-----|
| Dudek                                 |                                   |     |         |       |     |         |     |         |     |       |     |             |     |
| M Greene                              |                                   |     |         |       |     |         |     |         |     |       |     |             |     |
|                                       |                                   |     |         |       |     |         |     |         |     |       |     |             |     |
| INPUT: TRAFFIC FOR LAeq1h Percentages |                                   |     |         |       |     |         |     |         |     |       |     |             |     |
| PROJECT/CONTRACT:                     | 8207                              |     |         |       |     |         |     |         |     |       |     |             |     |
| RUN:                                  | QtyRchPctrVly2030wPjwMt2ndFlr0817 |     |         |       |     |         |     |         |     |       |     |             |     |
| Roadway                               | Points                            |     |         |       |     |         |     |         |     |       |     |             |     |
| Name                                  | Name                              | No. | Segment |       |     |         |     |         |     |       |     |             |     |
|                                       |                                   |     | Total   | Autos |     | MTrucks |     | HTrucks |     | Buses |     | Motorcycles |     |
|                                       |                                   |     | Volume  | P     | S   | P       | S   | P       | S   | P     | S   | P           | S   |
|                                       |                                   |     | veh/hr  | %     | mph | %       | mph | %       | mph | %     | mph | %           | mph |
| Melody Road - Proctor Vly Rd - SR-94  | point379                          | 379 | 570     | 97    | 40  | 2       | 40  | 0       | 0   | 1     | 40  | 0           | 0   |
|                                       | point380                          | 380 |         |       |     |         |     |         |     |       |     |             |     |
| PrctrVlyRd - Melody Rd-SchleeCyn Rd   | point381                          | 381 | 780     | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point382                          | 382 |         |       |     |         |     |         |     |       |     |             |     |
| PrctrVlyRd - SchleeCyn Rd-MaxfieldRd  | point383                          | 383 | 600     | 97    | 40  | 2       | 40  | 0       | 0   | 1     | 40  | 0           | 0   |
|                                       | point384                          | 384 |         |       |     |         |     |         |     |       |     |             |     |
| Proctor Valley Rd-HuntePkyw-Northwd   | point385                          | 385 | 3580    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point387                          | 387 | 3580    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point445                          | 445 | 3580    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point444                          | 444 | 3580    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point386                          | 386 |         |       |     |         |     |         |     |       |     |             |     |
| Proctor Valley Rd-Lane Ave-HuntePkyw  | point388                          | 388 | 3820    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point434                          | 434 | 3820    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point389                          | 389 |         |       |     |         |     |         |     |       |     |             |     |
| Proctor Valley Rd-MtMglRd - Lane Ave  | point390                          | 390 | 4650    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point392                          | 392 | 4650    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point430                          | 430 | 4650    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point431                          | 431 | 4650    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |
|                                       | point391                          | 391 |         |       |     |         |     |         |     |       |     |             |     |
| SnMglRnch/Mt MglRd-SR125-PrctrVly     | point394                          | 394 | 1170    | 97    | 40  | 2       | 40  | 0       | 0   | 1     | 40  | 0           | 0   |
|                                       | point428                          | 428 | 1170    | 97    | 40  | 2       | 40  | 0       | 0   | 1     | 40  | 0           | 0   |
|                                       | point395                          | 395 |         |       |     |         |     |         |     |       |     |             |     |
| SanMglRnchRd-PrctrVlyRd - SR-125      | point396                          | 396 | 1560    | 97    | 45  | 2       | 45  | 0       | 0   | 1     | 45  | 0           | 0   |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|                                      |          |     |      |    |    |   |    |   |   |   |    |   |   |
|--------------------------------------|----------|-----|------|----|----|---|----|---|---|---|----|---|---|
|                                      | point423 | 423 | 1560 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point424 | 424 | 1560 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point426 | 426 | 1560 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point397 | 397 |      |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Rd-SR125 - MtMglRd    | point398 | 398 | 3570 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point429 | 429 | 3570 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point399 | 399 |      |    |    |   |    |   |   |   |    |   |   |
| Northwoods Dr - ProctrVlly-BlueRdgDr | point400 | 400 | 190  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point446 | 446 | 190  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point447 | 447 | 190  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point448 | 448 | 190  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point401 | 401 |      |    |    |   |    |   |   |   |    |   |   |
| Hunte Pkwy-PrctrVllyRd - OtayLksRd   | point402 | 402 | 1360 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point437 | 437 | 1360 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point435 | 435 | 1360 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point436 | 436 | 1360 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point406 | 406 | 1360 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point403 | 403 |      |    |    |   |    |   |   |   |    |   |   |
| Hunte Pkwy-OtayLksRd-OlmpcPkwy       | point407 | 407 | 1970 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point438 | 438 | 1970 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point439 | 439 | 1970 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point440 | 440 | 1970 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point409 | 409 | 1970 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                      | point408 | 408 |      |    |    |   |    |   |   |   |    |   |   |
| Hunte Pkwy-OlmpcPkwy-EastlkPkwy      | point410 | 410 | 3580 | 97 | 50 | 2 | 50 | 0 | 0 | 1 | 50 | 0 | 0 |
|                                      | point412 | 412 | 3580 | 97 | 50 | 2 | 50 | 0 | 0 | 1 | 50 | 0 | 0 |
|                                      | point441 | 441 | 3580 | 97 | 50 | 2 | 50 | 0 | 0 | 1 | 50 | 0 | 0 |
|                                      | point442 | 442 | 3580 | 97 | 50 | 2 | 50 | 0 | 0 | 1 | 50 | 0 | 0 |
|                                      | point443 | 443 | 3580 | 97 | 50 | 2 | 50 | 0 | 0 | 1 | 50 | 0 | 0 |
|                                      | point411 | 411 |      |    |    |   |    |   |   |   |    |   |   |
| Lane Ave PrctrVllyRd-OtayLksRd       | point415 | 415 | 1600 | 97 | 40 | 2 | 40 | 0 | 0 | 1 | 40 | 0 | 0 |
|                                      | point433 | 433 | 1600 | 97 | 40 | 2 | 40 | 0 | 0 | 1 | 40 | 0 | 0 |
|                                      | point432 | 432 | 1600 | 97 | 40 | 2 | 40 | 0 | 0 | 1 | 40 | 0 | 0 |
|                                      | point416 | 416 |      |    |    |   |    |   |   |   |    |   |   |
| PrctrVllyRd - MaxfieldRd to SR-94    | point421 | 421 | 570  | 97 | 40 | 2 | 40 | 0 | 0 | 1 | 40 | 0 | 0 |
|                                      | point449 | 449 | 570  | 97 | 40 | 2 | 40 | 0 | 0 | 1 | 40 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|                                           |          |     |      |    |    |   |    |   |   |   |    |   |   |
|-------------------------------------------|----------|-----|------|----|----|---|----|---|---|---|----|---|---|
|                                           | point422 | 422 |      |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Rd - Ent 7 to Ent 8        | point845 | 845 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point847 | 847 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point848 | 848 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point849 | 849 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point850 | 850 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point851 | 851 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point852 | 852 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point853 | 853 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point854 | 854 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point855 | 855 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point856 | 856 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point857 | 857 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point858 | 858 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point859 | 859 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point860 | 860 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point861 | 861 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point862 | 862 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point863 | 863 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point864 | 864 | 847  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point893 | 893 |      |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Road - Ent 9 to Melody     | point881 | 881 | 837  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point882 | 882 | 837  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point883 | 883 |      |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Road - Proj Ent 1 to Chula | point884 | 884 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point602 | 602 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point603 | 603 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point604 | 604 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point605 | 605 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point606 | 606 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point607 | 607 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point608 | 608 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point609 | 609 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point610 | 610 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point611 | 611 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                           | point612 | 612 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|  |          |     |      |    |    |   |    |   |   |   |    |   |   |
|--|----------|-----|------|----|----|---|----|---|---|---|----|---|---|
|  | point613 | 613 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point614 | 614 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point615 | 615 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point616 | 616 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point617 | 617 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point618 | 618 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point619 | 619 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point620 | 620 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point621 | 621 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point622 | 622 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point623 | 623 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point624 | 624 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point625 | 625 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point626 | 626 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point627 | 627 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point628 | 628 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point629 | 629 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point630 | 630 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point631 | 631 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point632 | 632 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point633 | 633 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point634 | 634 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point635 | 635 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point636 | 636 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point637 | 637 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point638 | 638 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point639 | 639 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point640 | 640 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point641 | 641 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point642 | 642 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point643 | 643 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point644 | 644 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point645 | 645 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point646 | 646 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point647 | 647 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point648 | 648 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|  |          |     |      |    |    |   |    |   |   |   |    |   |   |
|--|----------|-----|------|----|----|---|----|---|---|---|----|---|---|
|  | point649 | 649 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point650 | 650 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point651 | 651 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point652 | 652 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point653 | 653 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point654 | 654 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point655 | 655 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point656 | 656 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point657 | 657 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point658 | 658 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point659 | 659 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point660 | 660 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point661 | 661 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point662 | 662 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point663 | 663 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point664 | 664 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point665 | 665 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point666 | 666 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point667 | 667 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point668 | 668 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point669 | 669 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point670 | 670 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point671 | 671 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point672 | 672 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point673 | 673 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point674 | 674 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point675 | 675 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point676 | 676 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point677 | 677 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point678 | 678 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point679 | 679 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point680 | 680 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point681 | 681 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point682 | 682 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point683 | 683 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point684 | 684 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|                                       |          |     |      |    |    |   |    |   |   |   |    |   |   |
|---------------------------------------|----------|-----|------|----|----|---|----|---|---|---|----|---|---|
|                                       | point685 | 685 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point686 | 686 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point687 | 687 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point688 | 688 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point689 | 689 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point690 | 690 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point691 | 691 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point692 | 692 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point693 | 693 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point694 | 694 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point695 | 695 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point696 | 696 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point697 | 697 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point698 | 698 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point699 | 699 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point700 | 700 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point701 | 701 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point702 | 702 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point703 | 703 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point704 | 704 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point705 | 705 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point706 | 706 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point707 | 707 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point708 | 708 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point709 | 709 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point710 | 710 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point711 | 711 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point712 | 712 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point713 | 713 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point714 | 714 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point715 | 715 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point716 | 716 | 2940 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point717 | 717 |      |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Road - Proj Ent 1 to 2 | point886 | 886 | 2770 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point592 | 592 | 2770 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point593 | 593 | 2770 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|                                       |          |     |      |    |    |   |    |   |   |   |    |   |   |
|---------------------------------------|----------|-----|------|----|----|---|----|---|---|---|----|---|---|
|                                       | point594 | 594 | 2770 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point595 | 595 | 2770 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point596 | 596 | 2770 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point597 | 597 | 2770 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point598 | 598 | 2770 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point599 | 599 | 2770 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point885 | 885 | 2770 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point601 | 601 |      |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Road - Proj Ent 2 to 3 | point887 | 887 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point551 | 551 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point552 | 552 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point553 | 553 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point554 | 554 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point555 | 555 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point556 | 556 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point557 | 557 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point558 | 558 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point559 | 559 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point560 | 560 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point561 | 561 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point562 | 562 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point563 | 563 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point564 | 564 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point565 | 565 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point566 | 566 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point567 | 567 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point568 | 568 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point569 | 569 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point570 | 570 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point571 | 571 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point572 | 572 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point573 | 573 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point574 | 574 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point575 | 575 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point576 | 576 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point577 | 577 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|                                       |          |     |      |    |    |   |    |   |   |   |    |   |   |
|---------------------------------------|----------|-----|------|----|----|---|----|---|---|---|----|---|---|
|                                       | point578 | 578 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point579 | 579 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point580 | 580 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point581 | 581 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point582 | 582 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point583 | 583 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point584 | 584 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point585 | 585 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point586 | 586 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point587 | 587 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point588 | 588 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point589 | 589 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point590 | 590 | 2400 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point591 | 591 |      |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Road - Proj Ent 3 to 4 | point888 | 888 | 2390 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point533 | 533 | 2390 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point534 | 534 | 2390 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point535 | 535 | 2390 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point536 | 536 | 2390 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point537 | 537 | 2390 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point538 | 538 | 2390 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point539 | 539 | 2390 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point540 | 540 | 2390 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point541 | 541 | 2390 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point542 | 542 | 2390 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point543 | 543 | 2390 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point544 | 544 | 2390 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point545 | 545 | 2390 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point546 | 546 | 2390 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point547 | 547 | 2390 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point548 | 548 | 2390 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point549 | 549 | 2390 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point550 | 550 |      |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Road - Proj Ent 4 to 5 | point889 | 889 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point485 | 485 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point486 | 486 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|  |          |     |      |    |    |   |    |   |   |   |    |   |   |
|--|----------|-----|------|----|----|---|----|---|---|---|----|---|---|
|  | point487 | 487 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point488 | 488 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point489 | 489 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point490 | 490 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point491 | 491 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point492 | 492 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point493 | 493 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point494 | 494 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point495 | 495 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point496 | 496 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point497 | 497 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point498 | 498 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point499 | 499 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point500 | 500 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point501 | 501 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point502 | 502 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point503 | 503 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point504 | 504 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point505 | 505 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point506 | 506 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point507 | 507 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point508 | 508 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point509 | 509 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point510 | 510 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point511 | 511 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point512 | 512 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point513 | 513 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point514 | 514 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point515 | 515 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point516 | 516 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point517 | 517 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point518 | 518 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point519 | 519 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point520 | 520 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point521 | 521 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point522 | 522 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|                                       |          |     |      |    |    |   |    |   |   |   |    |   |   |
|---------------------------------------|----------|-----|------|----|----|---|----|---|---|---|----|---|---|
|                                       | point523 | 523 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point524 | 524 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point525 | 525 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point526 | 526 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point527 | 527 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point528 | 528 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point529 | 529 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point530 | 530 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point531 | 531 | 1280 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point532 | 532 |      |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Road - Proj Ent 5 to 6 | point890 | 890 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point461 | 461 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point462 | 462 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point463 | 463 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point464 | 464 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point465 | 465 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point466 | 466 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point467 | 467 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point468 | 468 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point469 | 469 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point470 | 470 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point471 | 471 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point472 | 472 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point473 | 473 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point474 | 474 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point475 | 475 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point476 | 476 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point477 | 477 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point478 | 478 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point479 | 479 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point480 | 480 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point481 | 481 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point482 | 482 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point483 | 483 | 907  | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point484 | 484 |      |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Road - West Fork       | point891 | 891 | 0    | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|                                       |          |     |     |    |    |   |    |   |   |   |    |   |   |
|---------------------------------------|----------|-----|-----|----|----|---|----|---|---|---|----|---|---|
|                                       | point763 | 763 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point764 | 764 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point765 | 765 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point766 | 766 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point767 | 767 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point768 | 768 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point769 | 769 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point770 | 770 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point771 | 771 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point772 | 772 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point773 | 773 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point774 | 774 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point775 | 775 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point776 | 776 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point777 | 777 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point778 | 778 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point779 | 779 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point780 | 780 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point781 | 781 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point782 | 782 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point783 | 783 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point784 | 784 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point785 | 785 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point786 | 786 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point787 | 787 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point788 | 788 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point789 | 789 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point790 | 790 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point791 | 791 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point792 | 792 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point793 | 793 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point794 | 794 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point795 | 795 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point796 | 796 | 0   | 0  | 0  | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 |
|                                       | point797 | 797 |     |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Road - Ent 8 to Melody | point876 | 876 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|                                       |          |     |     |    |    |   |    |   |   |   |    |   |   |
|---------------------------------------|----------|-----|-----|----|----|---|----|---|---|---|----|---|---|
|                                       | point877 | 877 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point878 | 878 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point879 | 879 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point880 | 880 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point450 | 450 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point452 | 452 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point746 | 746 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point747 | 747 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point748 | 748 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point749 | 749 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point750 | 750 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point751 | 751 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point752 | 752 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point753 | 753 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point754 | 754 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point755 | 755 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point756 | 756 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point757 | 757 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point758 | 758 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point759 | 759 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point760 | 760 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point761 | 761 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point762 | 762 |     |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Road - Proj Ent 6 to 7 | point892 | 892 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point798 | 798 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point799 | 799 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point800 | 800 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point801 | 801 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point802 | 802 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point803 | 803 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point804 | 804 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point805 | 805 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point806 | 806 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point807 | 807 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point808 | 808 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                       | point809 | 809 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|  |          |     |     |    |    |   |    |   |   |   |    |   |   |
|--|----------|-----|-----|----|----|---|----|---|---|---|----|---|---|
|  | point810 | 810 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point811 | 811 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point812 | 812 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point813 | 813 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point814 | 814 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point815 | 815 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point816 | 816 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point817 | 817 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point818 | 818 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point819 | 819 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point820 | 820 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point821 | 821 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point822 | 822 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point823 | 823 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point824 | 824 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point825 | 825 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point826 | 826 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point827 | 827 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point828 | 828 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point829 | 829 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point830 | 830 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point831 | 831 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point832 | 832 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point833 | 833 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point834 | 834 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point835 | 835 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point836 | 836 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point837 | 837 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point838 | 838 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point839 | 839 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point840 | 840 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point841 | 841 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point842 | 842 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point843 | 843 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point453 | 453 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|  | point454 | 454 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |

**INPUT: TRAFFIC FOR LAeq1h Percentages**
**8207**

|                                     |          |     |     |    |    |   |    |   |   |   |    |   |   |
|-------------------------------------|----------|-----|-----|----|----|---|----|---|---|---|----|---|---|
|                                     | point455 | 455 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point456 | 456 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point457 | 457 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point458 | 458 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point459 | 459 | 867 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point460 | 460 |     |    |    |   |    |   |   |   |    |   |   |
| Proctor Valley Rd - Ent 8 to Melody | point894 | 894 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point865 | 865 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point866 | 866 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point867 | 867 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point868 | 868 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point869 | 869 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point870 | 870 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point871 | 871 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point872 | 872 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point873 | 873 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point874 | 874 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point875 | 875 | 690 | 97 | 45 | 2 | 45 | 0 | 0 | 1 | 45 | 0 | 0 |
|                                     | point846 | 846 |     |    |    |   |    |   |   |   |    |   |   |

**INPUT: RECEIVERS**
**8207**

|                                        |                                          |             |                             |             |          |               |                                        |                        |              |             |               |
|----------------------------------------|------------------------------------------|-------------|-----------------------------|-------------|----------|---------------|----------------------------------------|------------------------|--------------|-------------|---------------|
| Dudek                                  |                                          |             |                             |             |          |               |                                        |                        |              |             |               |
| M Greene                               |                                          |             |                             |             |          |               |                                        |                        |              |             |               |
|                                        |                                          |             |                             |             |          |               |                                        |                        |              |             |               |
| <b>INPUT: RECEIVERS</b>                |                                          |             |                             |             |          |               |                                        |                        |              |             |               |
| <b>PROJECT/CONTRACT:</b>               | <b>8207</b>                              |             |                             |             |          |               |                                        |                        |              |             |               |
| <b>RUN:</b>                            | <b>OtyRchPctrVly2030wPjwMt2ndFlr0817</b> |             |                             |             |          |               |                                        |                        |              |             |               |
| <b>Receiver</b>                        |                                          |             |                             |             |          |               |                                        |                        |              |             |               |
| <b>Name</b>                            | <b>No.</b>                               | <b>#DUs</b> | <b>Coordinates (ground)</b> |             |          | <b>Height</b> | <b>Input Sound Levels and Criteria</b> |                        |              |             | <b>Active</b> |
|                                        |                                          |             | <b>X</b>                    | <b>Y</b>    | <b>Z</b> | <b>above</b>  | <b>Existing</b>                        | <b>Impact Criteria</b> |              | <b>NR</b>   | <b>in</b>     |
|                                        |                                          |             |                             |             |          | <b>Ground</b> | <b>LAeq1h</b>                          | <b>LAeq1h</b>          | <b>Sub'l</b> | <b>Goal</b> | <b>Calc.</b>  |
|                                        |                                          |             | ft                          | ft          | ft       | ft            | dBA                                    | dBA                    | dB           | dB          |               |
| R1 San MiguelRnchRd W of SR125         | 3                                        | 1           | 6,336,436.0                 | 1,822,219.6 | 468.00   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| R2 MtMiguelRd - ProctorVlly-SnMgl      | 5                                        | 1           | 6,339,900.0                 | 1,821,486.4 | 615.00   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| R3 PrctrVlly Rd SR15 - MtMiguelRd      | 7                                        | 1           | 6,339,003.0                 | 1,820,430.0 | 582.00   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| R4 MtMglRd - Lane Ave                  | 9                                        | 1           | 6,340,321.0                 | 1,820,500.0 | 616.00   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| R5 Lane Ave - PrctrVllyRd-OtayLksRd    | 11                                       | 1           | 6,343,360.0                 | 1,820,300.0 | 634.00   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| R6 PrctrVllyRd-Lane Ave-HuntePkwy      | 13                                       | 1           | 6,344,053.0                 | 1,820,475.0 | 668.00   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| R7 HuntePkwy-PrctrVllyRd-OtyLksRd      | 15                                       | 1           | 6,344,700.5                 | 1,819,652.4 | 618.00   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| R8 HuntePkwy-OtyLksRd-OlmpcPkwy        | 17                                       | 1           | 6,344,900.0                 | 1,816,970.0 | 628.50   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| R9 HuntePkwy-OlmpcPkwy-EastlkPkwy      | 19                                       | 1           | 6,344,665.0                 | 1,809,346.0 | 479.00   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| R10 PrctrVllyRd-HuntePkyw-Nrthwd       | 21                                       | 1           | 6,346,300.5                 | 1,820,440.0 | 717.50   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| R11 NrthwdsDr-ProctrVlly-BlueRdgDr     | 23                                       | 1           | 6,348,750.5                 | 1,819,747.5 | 671.50   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| M4 / R12 PrctrVlly Rd w of NrthwdsDr   | 27                                       | 1           | 6,348,497.0                 | 1,820,845.9 | 662.00   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| M6 / R13 SnMglRnchRd e of SR125        | 29                                       | 1           | 6,339,505.5                 | 1,822,497.2 | 625.00   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| M8 / R14 PrctrVlly Rd n of Project     | 31                                       | 1           | 6,361,958.0                 | 1,836,218.8 | 908.00   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| M9 / R15 PrtrVllyRd-Melody Rd-SchleeC  | 33                                       | 1           | 6,368,071.5                 | 1,836,854.1 | 1,024.00 | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| M10 / R16 MidyRd - PrctrVllyRd - SR-94 | 35                                       | 1           | 6,370,177.0                 | 1,836,423.4 | 978.00   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| M11 / R17 PrctrVllyRd-SchleeCyn Rd-Mx  | 37                                       | 1           | 6,368,788.5                 | 1,838,925.6 | 1,050.00 | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| R18 PrctrVllyRd - MaxfieldRd to SR-94  | 39                                       | 1           | 6,371,215.0                 | 1,839,505.0 | 1,020.00 | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| R19 P-1                                | 100                                      | 1           | 6,354,456.5                 | 1,823,499.0 | 607.00   | 5.00          | 0.00                                   | 65                     | 1.0          | 8.0         |               |
| R20 R-4 southwest side                 | 101                                      | 1           | 6,354,558.0                 | 1,823,693.1 | 611.50   | 15.00         | 0.00                                   | 60                     | 1.0          | 8.0         | Y             |
| R21 R-4 west side                      | 102                                      | 1           | 6,354,724.0                 | 1,823,907.5 | 614.00   | 15.00         | 0.00                                   | 60                     | 1.0          | 8.0         | Y             |
| R22 R-4 northwest side                 | 103                                      | 1           | 6,354,895.0                 | 1,824,260.4 | 617.50   | 15.00         | 0.00                                   | 60                     | 1.0          | 8.0         | Y             |

**INPUT: RECEIVERS****8207**

|                               |     |   |             |             |        |       |      |    |      |     |   |
|-------------------------------|-----|---|-------------|-------------|--------|-------|------|----|------|-----|---|
| R23 R-5 Lot 10 southwest side | 104 | 1 | 6,356,039.0 | 1,826,086.0 | 666.00 | 15.00 | 0.00 | 60 | 1.0  | 8.0 | Y |
| R24 R-5 Lot 5 west side       | 105 | 1 | 6,356,020.5 | 1,826,361.2 | 660.40 | 51.00 | 0.00 | 60 | 1.0  | 8.0 | Y |
| R25 R-5 PPP-1 northwest side  | 106 | 1 | 6,356,118.5 | 1,826,646.5 | 652.00 | 5.00  | 0.00 | 65 | 1.0  | 8.0 |   |
| R26 R-12 Park south side      | 107 | 1 | 6,355,945.5 | 1,827,033.9 | 655.00 | 5.00  | 0.00 | 65 | 1.0  | 8.0 |   |
| R27 S-1 School southwest side | 108 | 1 | 6,356,228.5 | 1,826,927.2 | 654.00 | 5.00  | 0.00 | 65 | 1.0  | 8.0 |   |
| R28 R-12 Park north side      | 109 | 1 | 6,356,079.0 | 1,827,190.6 | 657.00 | 5.00  | 0.00 | 65 | 1.0  | 8.0 |   |
| R29 S-1 School west side      | 110 | 1 | 6,356,557.0 | 1,827,223.8 | 669.00 | 5.00  | 0.00 | 65 | 1.0  | 8.0 |   |
| R30 S-1 School northwest side | 111 | 1 | 6,356,790.5 | 1,827,436.0 | 679.00 | 5.00  | 0.00 | 65 | 1.0  | 8.0 |   |
| R31 P-2 park                  | 112 | 1 | 6,356,626.5 | 1,827,662.9 | 695.50 | 5.00  | 0.00 | 65 | 1.0  | 8.0 |   |
| R32 MU-1                      | 113 | 1 | 6,357,022.5 | 1,827,640.1 | 696.00 | 15.00 | 0.00 | 65 | 1.0  | 8.0 | Y |
| R33 R-10 Lot 6                | 114 | 1 | 6,358,835.5 | 1,829,554.6 | 754.00 | 15.00 | 0.00 | 60 | 1.0  | 8.0 | Y |
| R34 R-10 Lot 4                | 115 | 1 | 6,358,922.0 | 1,829,724.8 | 761.00 | 15.00 | 0.00 | 60 | 1.0  | 8.0 | Y |
| R35 R-10 Lot 2                | 116 | 1 | 6,358,998.0 | 1,829,870.5 | 768.50 | 15.00 | 0.00 | 60 | 1.0  | 8.0 | Y |
| R36 R-11 PP-4                 | 117 | 1 | 6,359,091.0 | 1,830,099.8 | 769.50 | 5.00  | 0.00 | 65 | 1.0  | 8.0 |   |
| R37 R-11 Lot 54               | 118 | 1 | 6,359,253.0 | 1,830,336.1 | 794.00 | 15.00 | 0.00 | 60 | 1.0  | 8.0 | Y |
| R38 R-11 Lot 58               | 119 | 1 | 6,359,394.0 | 1,830,700.5 | 821.00 | 15.00 | 0.00 | 60 | 1.0  | 8.0 | Y |
| R39 R-11 Lot 61               | 120 | 1 | 6,359,453.0 | 1,831,009.2 | 837.50 | 15.00 | 0.00 | 60 | 1.0  | 8.0 | Y |
| R40 R-11 Lot 1                | 121 | 1 | 6,359,450.0 | 1,831,202.1 | 844.00 | 15.00 | 0.00 | 60 | 1.0  | 8.0 | Y |
| R41 R-11 Lot 4                | 122 | 1 | 6,359,450.5 | 1,831,470.0 | 864.00 | 15.00 | 0.00 | 60 | 1.0  | 8.0 | Y |
| R42 R-11 Lot 6                | 123 | 1 | 6,359,446.0 | 1,831,682.4 | 877.50 | 15.00 | 0.00 | 60 | 1.0  | 8.0 | Y |
| R43 R-11 Lot 8                | 124 | 1 | 6,359,465.0 | 1,831,973.5 | 895.50 | 15.00 | 0.00 | 60 | 1.0  | 8.0 | Y |
| R44 R-14 Lot 64               | 125 | 1 | 6,361,053.0 | 1,833,915.5 | 944.80 | 15.00 | 0.00 | 60 | 1.0  | 8.0 | Y |
| R45 R-14 Lot 28               | 126 | 1 | 6,360,942.0 | 1,834,076.0 | 945.00 | 15.00 | 0.00 | 60 | 1.0  | 8.0 | Y |
| R46 R-14 open space           | 127 | 1 | 6,361,003.5 | 1,834,478.8 | 962.00 | 5.00  | 0.00 | 65 | 1.0  | 8.0 |   |
| R47 R-14 Lot 27               | 128 | 1 | 6,360,911.0 | 1,834,870.4 | 918.80 | 15.00 | 0.00 | 60 | 1.0  | 8.0 | Y |
| R48 R-14 Lot 2                | 129 | 1 | 6,360,871.5 | 1,835,014.0 | 915.80 | 15.00 | 0.00 | 60 | 1.0  | 8.0 | Y |
| R49 R-14 Lot 1                | 130 | 1 | 6,360,814.5 | 1,834,957.2 | 909.70 | 15.00 | 0.00 | 60 | 1.0  | 8.0 | Y |
| R50 R-14 P-4                  | 131 | 1 | 6,360,680.5 | 1,835,123.4 | 900.00 | 5.00  | 0.00 | 60 | 1.0  | 8.0 |   |
| R51 R-13 Lot 1                | 132 | 1 | 6,360,505.0 | 1,835,675.9 | 900.00 | 15.00 | 0.00 | 60 | 0.0  | 8.0 | Y |
| R52 R-13 Lot 9                | 133 | 1 | 6,360,673.5 | 1,835,730.4 | 898.00 | 15.00 | 0.00 | 60 | 0.0  | 8.0 | Y |
| R53 R-13 Lot 8                | 134 | 1 | 6,360,565.5 | 1,835,794.2 | 909.70 | 15.00 | 0.00 | 60 | 0.0  | 8.0 | Y |
| R54 R-13 Lot 10               | 135 | 1 | 6,360,785.0 | 1,835,859.2 | 903.80 | 15.00 | 0.00 | 60 | 0.0  | 8.0 | Y |
| R55 R-13 Lot 11               | 136 | 1 | 6,361,005.5 | 1,836,025.0 | 907.00 | 15.00 | 0.00 | 60 | 0.0  | 8.0 | Y |
| R56 R-13 Lot 12               | 138 | 1 | 6,361,179.0 | 1,836,059.1 | 906.00 | 15.00 | 0.00 | 66 | 10.0 | 8.0 | Y |

## INPUT: BARRIERS

8207

|                   |      |                                   |       |                  |                   |           |          |                    |          |        |             |             |        |          |        |          |    |           |  |
|-------------------|------|-----------------------------------|-------|------------------|-------------------|-----------|----------|--------------------|----------|--------|-------------|-------------|--------|----------|--------|----------|----|-----------|--|
| Dudek             |      |                                   |       |                  | 12 September 2017 |           |          |                    |          |        |             |             |        |          |        |          |    |           |  |
| M Greene          |      |                                   |       |                  | TNM 2.5           |           |          |                    |          |        |             |             |        |          |        |          |    |           |  |
| INPUT: BARRIERS   |      |                                   |       |                  |                   |           |          |                    |          |        |             |             |        |          |        |          |    |           |  |
| PROJECT/CONTRACT: |      | 8207                              |       |                  |                   |           |          |                    |          |        |             |             |        |          |        |          |    |           |  |
| RUN:              |      | OtyRchPctrVly2030wPjwMt2ndFlr0817 |       |                  |                   |           |          |                    |          |        |             |             |        |          |        |          |    |           |  |
| Barrier           |      |                                   |       |                  |                   |           |          |                    |          | Points |             |             |        |          |        |          |    |           |  |
| Name              | Type | Height                            |       | If Wall          | If Berm           |           |          | Add'tnl            | Name     | No.    | Coordinates | (bottom)    | Height | Segment  |        |          |    |           |  |
|                   |      | Min                               | Max   | \$ per Unit Area | \$ per Unit Vol.  | Top Width | Run:Rise | \$ per Unit Length |          |        | X           | Y           | Z      | at Point | Seg Ht | Perturbs | On | Important |  |
|                   |      | ft                                | ft    | \$/sq ft         | \$/cu yd          | ft        | ft:ft    | \$/ft              |          |        | ft          | ft          | ft     | ft       | ft     |          |    |           |  |
| Barrier17         | W    | 0.00                              | 99.99 | 0.00             |                   |           |          | 0.00               | point223 | 223    | 6,337,800.0 | 1,822,229.6 | 534.50 | 6.00     | 0.00   | 0        | 0  |           |  |
|                   |      |                                   |       |                  |                   |           |          |                    | point224 | 224    | 6,336,466.5 | 1,822,229.6 | 467.50 | 6.00     | 0.00   | 0        | 0  |           |  |
|                   |      |                                   |       |                  |                   |           |          |                    | point225 | 225    | 6,335,800.0 | 1,822,229.6 | 434.00 | 6.00     |        |          |    |           |  |
| Barrier18         | W    | 0.00                              | 99.99 | 0.00             |                   |           |          | 0.00               | point226 | 226    | 6,339,890.0 | 1,820,650.0 | 594.00 | 6.00     | 0.00   | 0        | 0  |           |  |
|                   |      |                                   |       |                  |                   |           |          |                    | point227 | 227    | 6,339,890.0 | 1,821,450.0 | 615.00 | 6.00     | 0.00   | 0        | 0  |           |  |
|                   |      |                                   |       |                  |                   |           |          |                    | point228 | 228    | 6,339,890.0 | 1,822,300.0 | 641.00 | 6.00     |        |          |    |           |  |
| Barrier19         | W    | 0.00                              | 99.99 | 0.00             |                   |           |          | 0.00               | point229 | 229    | 6,339,430.0 | 1,820,440.0 | 582.00 | 6.00     | 0.00   | 0        | 0  |           |  |
|                   |      |                                   |       |                  |                   |           |          |                    | point230 | 230    | 6,338,993.5 | 1,820,440.0 | 582.00 | 6.00     | 0.00   | 0        | 0  |           |  |
|                   |      |                                   |       |                  |                   |           |          |                    | point231 | 231    | 6,338,331.0 | 1,820,440.0 | 582.00 | 6.00     |        |          |    |           |  |
| Barrier20         | W    | 0.00                              | 99.99 | 0.00             |                   |           |          | 0.00               | point232 | 232    | 6,340,965.0 | 1,820,510.0 | 637.00 | 6.00     | 0.00   | 0        | 0  |           |  |
|                   |      |                                   |       |                  |                   |           |          |                    | point233 | 233    | 6,340,382.5 | 1,820,510.0 | 616.00 | 6.00     | 0.00   | 0        | 0  |           |  |
|                   |      |                                   |       |                  |                   |           |          |                    | point234 | 234    | 6,339,800.0 | 1,820,510.0 | 596.00 | 6.00     |        |          |    |           |  |
| Barrier21         | W    | 0.00                              | 99.99 | 0.00             |                   |           |          | 0.00               | point235 | 235    | 6,343,350.0 | 1,820,550.0 | 642.00 | 6.00     | 0.00   | 0        | 0  |           |  |
|                   |      |                                   |       |                  |                   |           |          |                    | point236 | 236    | 6,343,350.0 | 1,819,775.0 | 632.80 | 6.00     | 0.00   | 0        | 0  |           |  |
|                   |      |                                   |       |                  |                   |           |          |                    | point237 | 237    | 6,343,350.0 | 1,819,000.0 | 623.50 | 6.00     |        |          |    |           |  |
| Barrier22         | W    | 0.00                              | 99.99 | 0.00             |                   |           |          | 0.00               | point238 | 238    | 6,344,725.0 | 1,820,485.0 | 672.00 | 6.00     | 0.00   | 0        | 0  |           |  |
|                   |      |                                   |       |                  |                   |           |          |                    | point239 | 239    | 6,344,050.0 | 1,820,485.0 | 668.00 | 6.00     | 0.00   | 0        | 0  |           |  |
|                   |      |                                   |       |                  |                   |           |          |                    | point240 | 240    | 6,343,375.0 | 1,820,485.0 | 664.00 | 6.00     |        |          |    |           |  |
| Barrier23         | W    | 0.00                              | 99.99 | 0.00             |                   |           |          | 0.00               | point241 | 241    | 6,344,710.0 | 1,820,182.5 | 644.00 | 6.00     | 0.00   | 0        | 0  |           |  |
|                   |      |                                   |       |                  |                   |           |          |                    | point242 | 242    | 6,344,710.0 | 1,819,770.0 | 624.00 | 6.00     | 0.00   | 0        | 0  |           |  |
|                   |      |                                   |       |                  |                   |           |          |                    | point244 | 244    | 6,344,710.0 | 1,819,632.5 | 617.33 | 6.00     | 0.00   | 0        | 0  |           |  |
|                   |      |                                   |       |                  |                   |           |          |                    | point243 | 243    | 6,344,710.0 | 1,819,357.5 | 604.00 | 6.00     |        |          |    |           |  |
| Barrier24         | W    | 0.00                              | 99.99 | 0.00             |                   |           |          | 0.00               | point246 | 246    | 6,344,890.0 | 1,817,682.5 | 620.80 | 6.00     | 0.00   | 0        | 0  |           |  |
|                   |      |                                   |       |                  |                   |           |          |                    | point247 | 247    | 6,344,890.0 | 1,816,970.0 | 628.50 | 6.00     | 0.00   | 0        | 0  |           |  |
|                   |      |                                   |       |                  |                   |           |          |                    | point248 | 248    | 6,344,890.0 | 1,816,257.5 | 636.30 | 6.00     |        |          |    |           |  |
| Barrier25         | W    | 0.00                              | 99.99 | 0.00             |                   |           |          | 0.00               | point249 | 249    | 6,344,675.0 | 1,810,821.2 | 545.00 | 6.00     | 0.00   | 0        | 0  |           |  |
|                   |      |                                   |       |                  |                   |           |          |                    | point250 | 250    | 6,344,675.0 | 1,809,416.0 | 479.00 | 6.00     | 0.00   | 0        | 0  |           |  |
|                   |      |                                   |       |                  |                   |           |          |                    | point251 | 251    | 6,344,675.0 | 1,808,010.6 | 504.00 | 6.00     |        |          |    |           |  |
| Barrier26         | W    | 0.00                              | 99.99 | 0.00             |                   |           |          | 0.00               | point252 | 252    | 6,348,298.0 | 1,820,815.5 | 660.00 | 6.00     | 0.00   | 0        | 0  |           |  |
|                   |      |                                   |       |                  |                   |           |          |                    | point253 | 253    | 6,348,499.0 | 1,820,815.5 | 660.00 | 6.00     | 0.00   | 0        | 0  |           |  |
|                   |      |                                   |       |                  |                   |           |          |                    | point254 | 254    | 6,348,588.0 | 1,820,898.6 | 660.00 | 6.00     |        |          |    |           |  |
| Barrier27         | W    | 0.00                              | 99.99 | 0.00             |                   |           |          | 0.00               | point255 | 255    | 6,346,800.5 | 1,820,450.0 | 730.00 | 6.00     | 0.00   | 0        | 0  |           |  |
|                   |      |                                   |       |                  |                   |           |          |                    | point256 | 256    | 6,346,300.5 | 1,820,450.0 | 717.50 | 6.00     | 0.00   | 0        | 0  |           |  |
|                   |      |                                   |       |                  |                   |           |          |                    | point257 | 257    | 6,345,800.5 | 1,820,450.0 | 705.00 | 6.00     |        |          |    |           |  |
| Barrier28         | W    | 0.00                              | 99.99 | 0.00             |                   |           |          | 0.00               | point258 | 258    | 6,348,760.5 | 1,820,171.2 | 652.80 | 6.00     | 0.00   | 0        | 0  |           |  |

## INPUT: BARRIERS

8207

|                    |   |      |       |      |  |  |  |      |          |     |             |             |        |      |      |   |   |  |  |
|--------------------|---|------|-------|------|--|--|--|------|----------|-----|-------------|-------------|--------|------|------|---|---|--|--|
|                    |   |      |       |      |  |  |  |      | point259 | 259 | 6,348,760.5 | 1,819,747.5 | 671.50 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point260 | 260 | 6,348,760.5 | 1,819,323.8 | 691.30 | 6.00 |      |   |   |  |  |
| Wall at R-4        | W | 0.00 | 99.99 | 0.00 |  |  |  | 0.00 | point272 | 272 | 6,354,547.5 | 1,823,638.4 | 610.60 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point273 | 273 | 6,354,545.5 | 1,823,656.1 | 610.70 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point274 | 274 | 6,354,536.5 | 1,823,681.6 | 611.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point275 | 275 | 6,354,537.5 | 1,823,689.5 | 611.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point276 | 276 | 6,354,548.0 | 1,823,711.9 | 611.30 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point277 | 277 | 6,354,566.5 | 1,823,731.9 | 611.50 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point278 | 278 | 6,354,598.0 | 1,823,770.5 | 612.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point279 | 279 | 6,354,661.5 | 1,823,848.0 | 613.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point280 | 280 | 6,354,693.0 | 1,823,886.9 | 613.50 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point281 | 281 | 6,354,722.0 | 1,823,927.8 | 614.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point282 | 282 | 6,354,748.0 | 1,823,970.9 | 614.50 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point283 | 283 | 6,354,783.0 | 1,824,038.8 | 615.20 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point284 | 284 | 6,354,815.0 | 1,824,108.4 | 618.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point286 | 286 | 6,354,889.0 | 1,824,276.9 | 618.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point287 | 287 | 6,354,893.0 | 1,824,278.8 | 618.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point288 | 288 | 6,354,981.0 | 1,824,235.8 | 618.00 | 6.00 |      |   |   |  |  |
| Wall at R-10       | W | 0.00 | 99.99 | 0.00 |  |  |  | 0.00 | point327 | 327 | 6,358,736.0 | 1,829,468.2 | 746.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point328 | 328 | 6,358,761.0 | 1,829,468.1 | 746.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point329 | 329 | 6,358,802.5 | 1,829,449.6 | 746.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point330 | 330 | 6,358,840.0 | 1,829,511.9 | 746.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point331 | 331 | 6,358,834.0 | 1,829,530.5 | 754.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point332 | 332 | 6,358,872.5 | 1,829,592.1 | 754.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point333 | 333 | 6,358,868.5 | 1,829,597.1 | 756.50 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point334 | 334 | 6,358,913.0 | 1,829,668.0 | 756.50 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point335 | 335 | 6,358,905.0 | 1,829,674.1 | 761.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point336 | 336 | 6,358,969.0 | 1,829,776.6 | 761.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point337 | 337 | 6,358,960.5 | 1,829,783.2 | 766.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point338 | 338 | 6,358,983.5 | 1,829,818.9 | 766.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point339 | 339 | 6,358,985.0 | 1,829,830.9 | 768.50 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point340 | 340 | 6,359,018.5 | 1,829,878.4 | 768.50 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point341 | 341 | 6,359,032.0 | 1,829,900.9 | 768.50 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point342 | 342 | 6,359,034.5 | 1,829,927.4 | 768.40 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point343 | 343 | 6,359,030.5 | 1,829,940.6 | 768.50 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point344 | 344 | 6,359,015.5 | 1,829,959.6 | 768.50 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point345 | 345 | 6,358,977.5 | 1,829,986.5 | 768.50 | 6.00 |      |   |   |  |  |
| Wall at R-11 South | W | 0.00 | 99.99 | 0.00 |  |  |  | 0.00 | point346 | 346 | 6,359,190.0 | 1,830,179.9 | 780.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point347 | 347 | 6,359,177.0 | 1,830,208.4 | 789.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point348 | 348 | 6,359,202.0 | 1,830,216.4 | 789.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point349 | 349 | 6,359,206.5 | 1,830,221.4 | 789.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point350 | 350 | 6,359,232.5 | 1,830,259.6 | 789.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point351 | 351 | 6,359,253.5 | 1,830,299.6 | 789.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point352 | 352 | 6,359,254.5 | 1,830,312.4 | 794.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point353 | 353 | 6,359,289.5 | 1,830,383.0 | 794.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point354 | 354 | 6,359,295.5 | 1,830,395.8 | 800.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point355 | 355 | 6,359,329.5 | 1,830,474.2 | 800.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point356 | 356 | 6,359,335.5 | 1,830,489.2 | 806.50 | 6.00 | 0.00 | 0 | 0 |  |  |
|                    |   |      |       |      |  |  |  |      | point357 | 357 | 6,359,364.5 | 1,830,567.4 | 806.50 | 6.00 | 0.00 | 0 | 0 |  |  |

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|---------------------|---|------|-------|------|--|--|--|------|----------|-----|-------------|-------------|--------|------|------|---|---|--|--|
|                     |   |      |       |      |  |  |  |      | point358 | 358 | 6,359,370.5 | 1,830,582.9 | 814.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point359 | 359 | 6,359,396.0 | 1,830,664.1 | 814.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point360 | 360 | 6,359,400.0 | 1,830,678.4 | 821.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point361 | 361 | 6,359,421.5 | 1,830,761.4 | 821.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point362 | 362 | 6,359,425.0 | 1,830,775.9 | 828.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point363 | 363 | 6,359,442.5 | 1,830,859.9 | 828.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point364 | 364 | 6,359,445.0 | 1,830,873.6 | 834.50 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point366 | 366 | 6,359,459.0 | 1,830,965.4 | 837.50 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point367 | 367 | 6,359,468.0 | 1,831,049.8 | 837.50 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point368 | 368 | 6,359,418.5 | 1,831,051.6 | 837.50 | 6.00 |      |   |   |  |  |
| Wall at R-5         | W | 0.00 | 99.99 | 0.00 |  |  |  | 0.00 | point297 | 297 | 6,356,180.5 | 1,825,789.4 | 670.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point298 | 298 | 6,356,111.0 | 1,825,785.0 | 670.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point299 | 299 | 6,356,097.0 | 1,825,787.4 | 670.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point300 | 300 | 6,356,085.5 | 1,825,796.2 | 670.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point301 | 301 | 6,356,066.0 | 1,825,831.0 | 670.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point302 | 302 | 6,356,049.5 | 1,825,870.1 | 670.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point303 | 303 | 6,356,034.0 | 1,825,924.8 | 670.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point304 | 304 | 6,356,025.0 | 1,826,002.6 | 670.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point305 | 305 | 6,356,028.5 | 1,826,004.6 | 669.30 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point306 | 306 | 6,356,029.5 | 1,826,053.6 | 669.30 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point307 | 307 | 6,356,024.5 | 1,826,060.8 | 666.60 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point308 | 308 | 6,356,025.0 | 1,826,110.8 | 666.60 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point309 | 309 | 6,356,017.5 | 1,826,115.4 | 665.40 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point311 | 311 | 6,356,019.0 | 1,826,168.9 | 664.20 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point312 | 312 | 6,356,019.0 | 1,826,225.0 | 663.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point313 | 313 | 6,356,017.0 | 1,826,277.9 | 661.70 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point314 | 314 | 6,356,013.5 | 1,826,330.0 | 661.70 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point315 | 315 | 6,356,009.0 | 1,826,335.2 | 660.40 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point316 | 316 | 6,356,010.0 | 1,826,384.9 | 660.40 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point317 | 317 | 6,356,005.5 | 1,826,390.1 | 659.10 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point318 | 318 | 6,356,006.0 | 1,826,443.6 | 659.10 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point319 | 319 | 6,356,002.0 | 1,826,448.1 | 657.70 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point320 | 320 | 6,356,003.5 | 1,826,508.1 | 656.20 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point321 | 321 | 6,356,007.5 | 1,826,565.6 | 654.70 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point325 | 325 | 6,356,016.0 | 1,826,623.4 | 654.70 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point326 | 326 | 6,356,098.5 | 1,826,618.0 | 652.00 | 6.00 |      |   |   |  |  |
| Wall at R-11 North  | W | 0.00 | 99.99 | 0.00 |  |  |  | 0.00 | point369 | 369 | 6,359,369.0 | 1,831,167.2 | 842.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point370 | 370 | 6,359,463.0 | 1,831,168.9 | 842.00 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point371 | 371 | 6,359,461.5 | 1,831,259.9 | 847.50 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point372 | 372 | 6,359,460.0 | 1,831,352.9 | 847.50 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point373 | 373 | 6,359,462.5 | 1,831,451.0 | 862.50 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point374 | 374 | 6,359,461.5 | 1,831,529.0 | 862.50 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point375 | 375 | 6,359,461.0 | 1,831,545.5 | 869.50 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point376 | 376 | 6,359,459.5 | 1,831,622.9 | 869.50 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point377 | 377 | 6,359,462.0 | 1,831,643.9 | 877.50 | 6.00 |      |   |   |  |  |
| Wall at R-14 Lot 28 | W | 0.00 | 99.99 | 0.00 |  |  |  | 0.00 | point378 | 378 | 6,360,984.5 | 1,834,014.5 | 939.80 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point379 | 379 | 6,360,926.5 | 1,834,015.5 | 944.60 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point380 | 380 | 6,360,933.5 | 1,834,167.4 | 945.40 | 6.00 | 0.00 | 0 | 0 |  |  |
|                     |   |      |       |      |  |  |  |      | point381 | 381 | 6,360,971.5 | 1,834,165.6 | 945.30 | 6.00 | 0.00 | 0 | 0 |  |  |

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|--------------------------------|---|------|-------|------|--|--|--|------|----------|-----|-------------|-------------|--------|------|------|---|---|--|
|                                |   |      |       |      |  |  |  |      | point382 | 382 | 6,360,990.5 | 1,834,163.9 | 945.30 | 6.00 |      |   |   |  |
| Wall at R-14 Lot 27            | W | 0.00 | 99.99 | 0.00 |  |  |  | 0.00 | point385 | 385 | 6,360,967.5 | 1,834,761.1 | 916.00 | 6.00 | 0.00 | 0 | 0 |  |
|                                |   |      |       |      |  |  |  |      | point386 | 386 | 6,360,914.0 | 1,834,758.2 | 915.90 | 6.00 | 0.00 | 0 | 0 |  |
|                                |   |      |       |      |  |  |  |      | point387 | 387 | 6,360,912.5 | 1,834,778.6 | 919.10 | 6.00 | 0.00 | 0 | 0 |  |
|                                |   |      |       |      |  |  |  |      | point388 | 388 | 6,360,903.5 | 1,834,860.1 | 918.80 | 6.00 | 0.00 | 0 | 0 |  |
|                                |   |      |       |      |  |  |  |      | point389 | 389 | 6,360,900.5 | 1,834,880.4 | 918.80 | 6.00 | 0.00 | 0 | 0 |  |
|                                |   |      |       |      |  |  |  |      | point390 | 390 | 6,360,896.5 | 1,834,908.0 | 918.80 | 6.00 | 0.00 | 0 | 0 |  |
|                                |   |      |       |      |  |  |  |      | point391 | 391 | 6,360,904.0 | 1,834,920.6 | 918.60 | 6.00 | 0.00 | 0 | 0 |  |
|                                |   |      |       |      |  |  |  |      | point392 | 392 | 6,360,918.5 | 1,834,928.9 | 918.40 | 6.00 | 0.00 | 0 | 0 |  |
|                                |   |      |       |      |  |  |  |      | point393 | 393 | 6,360,954.0 | 1,834,936.8 | 918.40 | 6.00 |      |   |   |  |
| Wall at R-14 Lot 2             | W | 0.00 | 99.99 | 0.00 |  |  |  | 0.00 | point394 | 394 | 6,360,923.0 | 1,834,977.8 | 915.80 | 6.00 | 0.00 | 0 | 0 |  |
|                                |   |      |       |      |  |  |  |      | point395 | 395 | 6,360,889.5 | 1,834,973.9 | 915.80 | 6.00 | 0.00 | 0 | 0 |  |
|                                |   |      |       |      |  |  |  |      | point396 | 396 | 6,360,880.0 | 1,834,974.5 | 915.80 | 6.00 | 0.00 | 0 | 0 |  |
|                                |   |      |       |      |  |  |  |      | point397 | 397 | 6,360,872.5 | 1,834,979.4 | 915.90 | 6.00 | 0.00 | 0 | 0 |  |
|                                |   |      |       |      |  |  |  |      | point398 | 398 | 6,360,868.0 | 1,834,987.2 | 915.80 | 6.00 | 0.00 | 0 | 0 |  |
|                                |   |      |       |      |  |  |  |      | point400 | 400 | 6,360,849.5 | 1,835,055.6 | 915.80 | 6.00 | 0.00 | 0 | 0 |  |
|                                |   |      |       |      |  |  |  |      | point401 | 401 | 6,360,825.0 | 1,835,128.6 | 915.80 | 6.00 |      |   |   |  |
| Wall at R-14 Lot 1             | W | 0.00 | 99.99 | 0.00 |  |  |  | 0.00 | point402 | 402 | 6,360,777.0 | 1,834,907.5 | 909.80 | 6.00 | 0.00 | 0 | 0 |  |
|                                |   |      |       |      |  |  |  |      | point403 | 403 | 6,360,790.0 | 1,834,921.1 | 909.70 | 6.00 | 0.00 | 0 | 0 |  |
|                                |   |      |       |      |  |  |  |      | point404 | 404 | 6,360,807.5 | 1,834,928.5 | 909.00 | 6.00 | 0.00 | 0 | 0 |  |
|                                |   |      |       |      |  |  |  |      | point405 | 405 | 6,360,826.5 | 1,834,928.2 | 909.40 | 6.00 | 0.00 | 0 | 0 |  |
|                                |   |      |       |      |  |  |  |      | point406 | 406 | 6,360,843.5 | 1,834,920.6 | 909.90 | 6.00 | 0.00 | 0 | 0 |  |
|                                |   |      |       |      |  |  |  |      | point407 | 407 | 6,360,821.5 | 1,834,972.0 | 909.80 | 6.00 | 0.00 | 0 | 0 |  |
|                                |   |      |       |      |  |  |  |      | point408 | 408 | 6,360,797.0 | 1,835,021.6 | 909.80 | 6.00 | 0.00 | 0 | 0 |  |
|                                |   |      |       |      |  |  |  |      | point409 | 409 | 6,360,769.0 | 1,835,069.6 | 909.80 | 6.00 |      |   |   |  |
| Wall at R-13 South             | W | 0.00 | 99.99 | 0.00 |  |  |  | 0.00 | point410 | 410 | 6,360,467.0 | 1,835,664.2 | 899.80 | 6.00 | 0.00 | 0 | 0 |  |
|                                |   |      |       |      |  |  |  |      | point411 | 411 | 6,360,483.0 | 1,835,663.0 | 899.80 | 6.00 | 0.00 | 0 | 0 |  |
|                                |   |      |       |      |  |  |  |      | point412 | 412 | 6,360,498.0 | 1,835,655.8 | 899.80 | 6.00 | 0.00 | 0 | 0 |  |
|                                |   |      |       |      |  |  |  |      | point413 | 413 | 6,360,502.0 | 1,835,652.5 | 899.70 | 6.00 | 0.00 | 0 | 0 |  |
|                                |   |      |       |      |  |  |  |      | point414 | 414 | 6,360,558.5 | 1,835,729.0 | 899.80 | 6.00 |      |   |   |  |
| Wall at R-13 North             | W | 0.00 | 99.99 | 0.00 |  |  |  | 0.00 | point416 | 416 | 6,360,488.5 | 1,835,769.2 | 910.00 | 6.00 | 0.00 | 0 | 0 |  |
|                                |   |      |       |      |  |  |  |      | point417 | 417 | 6,360,560.0 | 1,835,769.0 | 909.80 | 6.00 | 0.00 | 0 | 0 |  |
|                                |   |      |       |      |  |  |  |      | point418 | 418 | 6,360,587.0 | 1,835,800.2 | 909.90 | 6.00 | 0.00 | 0 | 0 |  |
|                                |   |      |       |      |  |  |  |      | point419 | 419 | 6,360,627.5 | 1,835,841.4 | 909.80 | 6.00 | 0.00 | 0 | 0 |  |
|                                |   |      |       |      |  |  |  |      | point420 | 420 | 6,360,670.5 | 1,835,881.9 | 909.80 | 6.00 | 0.00 | 0 | 0 |  |
|                                |   |      |       |      |  |  |  |      | point423 | 423 | 6,360,716.5 | 1,835,921.4 | 911.80 | 6.00 | 0.00 | 0 | 0 |  |
|                                |   |      |       |      |  |  |  |      | point424 | 424 | 6,360,776.0 | 1,835,970.0 | 911.80 | 6.00 | 0.00 | 0 | 0 |  |
|                                |   |      |       |      |  |  |  |      | point425 | 425 | 6,360,794.5 | 1,835,989.8 | 911.70 | 6.00 |      |   |   |  |
| Wall at R-13 North (lots 9-12) | W | 0.00 | 99.99 | 0.00 |  |  |  | 0.00 | point426 | 426 | 6,360,853.0 | 1,835,759.0 | 903.60 | 6.00 | 0.00 | 0 | 0 |  |
|                                |   |      |       |      |  |  |  |      | point427 | 427 | 6,360,600.0 | 1,835,670.2 | 896.80 | 6.00 | 0.00 | 0 | 0 |  |
|                                |   |      |       |      |  |  |  |      | point428 | 428 | 6,360,675.5 | 1,835,757.4 | 897.90 | 6.00 | 0.00 | 0 | 0 |  |
|                                |   |      |       |      |  |  |  |      | point429 | 429 | 6,360,721.0 | 1,835,815.4 | 900.00 | 6.00 | 0.00 | 0 | 0 |  |
|                                |   |      |       |      |  |  |  |      | point430 | 430 | 6,360,752.5 | 1,835,848.2 | 903.80 | 6.00 | 0.00 | 0 | 0 |  |
|                                |   |      |       |      |  |  |  |      | point431 | 431 | 6,360,778.0 | 1,835,871.0 | 903.80 | 6.00 | 0.00 | 0 | 0 |  |
|                                |   |      |       |      |  |  |  |      | point432 | 432 | 6,360,858.5 | 1,835,933.0 | 906.90 | 6.00 | 0.00 | 0 | 0 |  |
|                                |   |      |       |      |  |  |  |      | point433 | 433 | 6,360,879.5 | 1,835,951.2 | 906.90 | 6.00 | 0.00 | 0 | 0 |  |
|                                |   |      |       |      |  |  |  |      | point434 | 434 | 6,360,917.0 | 1,835,984.4 | 906.90 | 6.00 | 0.00 | 0 | 0 |  |
|                                |   |      |       |      |  |  |  |      | point435 | 435 | 6,360,973.0 | 1,836,021.5 | 906.90 | 6.00 | 0.00 | 0 | 0 |  |
|                                |   |      |       |      |  |  |  |      | point436 | 436 | 6,360,999.5 | 1,836,034.8 | 906.90 | 6.00 | 0.00 | 0 | 0 |  |

INPUT: BARRIERS

8207

|  |  |  |  |  |  |  |  |  |          |     |             |             |        |      |      |   |   |  |  |
|--|--|--|--|--|--|--|--|--|----------|-----|-------------|-------------|--------|------|------|---|---|--|--|
|  |  |  |  |  |  |  |  |  | point437 | 437 | 6,361,075.5 | 1,836,062.0 | 906.90 | 6.00 | 0.00 | 0 | 0 |  |  |
|  |  |  |  |  |  |  |  |  | point438 | 438 | 6,361,134.0 | 1,836,073.5 | 905.90 | 6.00 | 0.00 | 0 | 0 |  |  |
|  |  |  |  |  |  |  |  |  | point440 | 440 | 6,361,220.5 | 1,836,075.6 | 902.40 | 6.00 | 0.00 | 0 | 0 |  |  |
|  |  |  |  |  |  |  |  |  | point441 | 441 | 6,361,279.0 | 1,835,959.5 | 902.00 | 6.00 |      |   |   |  |  |

**INPUT: TERRAIN LINES**
**8207**

|                      |                                   |                      |                   |        |
|----------------------|-----------------------------------|----------------------|-------------------|--------|
|                      |                                   |                      |                   |        |
| Dudek                |                                   |                      | 12 September 2017 |        |
| M Greene             |                                   |                      | TNM 2.5           |        |
|                      |                                   |                      |                   |        |
| INPUT: TERRAIN LINES |                                   |                      |                   |        |
| PROJECT/CONTRACT:    | 8207                              |                      |                   |        |
| RUN:                 | OtyRchPctrVly2030wPjwMt2ndFlr0817 |                      |                   |        |
| Terrain Line         | Points                            |                      |                   |        |
| Name                 | No.                               | Coordinates (ground) |                   |        |
|                      |                                   | X                    | Y                 | Z      |
|                      |                                   | ft                   | ft                | ft     |
| Terrain Line1        | 1                                 | 6,354,564.5          | 1,823,396.8       | 610.80 |
|                      | 3                                 | 6,354,548.5          | 1,823,432.6       | 610.00 |
|                      | 4                                 | 6,354,543.5          | 1,823,442.5       | 609.80 |
|                      | 5                                 | 6,354,537.0          | 1,823,451.4       | 609.60 |
|                      | 6                                 | 6,354,515.0          | 1,823,478.1       | 608.90 |
|                      | 7                                 | 6,354,486.0          | 1,823,511.4       | 608.00 |
|                      | 8                                 | 6,354,427.5          | 1,823,574.0       | 606.40 |
|                      | 9                                 | 6,354,424.5          | 1,823,575.9       | 606.40 |
|                      | 10                                | 6,354,421.5          | 1,823,576.8       | 606.30 |
|                      | 11                                | 6,354,418.5          | 1,823,576.6       | 606.30 |
|                      | 12                                | 6,354,415.5          | 1,823,575.4       | 606.30 |
|                      | 13                                | 6,354,413.5          | 1,823,573.1       | 606.40 |
|                      | 14                                | 6,354,412.0          | 1,823,570.4       | 606.50 |
|                      | 15                                | 6,354,411.5          | 1,823,567.2       | 606.60 |
|                      | 16                                | 6,354,412.5          | 1,823,564.1       | 606.60 |
|                      | 17                                | 6,354,421.0          | 1,823,544.8       | 607.10 |
|                      | 18                                | 6,354,421.0          | 1,823,513.8       | 608.00 |
|                      | 19                                | 6,354,423.5          | 1,823,421.2       | 610.00 |
|                      | 2                                 | 6,354,420.0          | 1,823,349.5       | 611.40 |
| Terrain Line3        | 68                                | 6,356,143.5          | 1,826,709.6       | 650.00 |
|                      | 70                                | 6,356,049.5          | 1,826,741.2       | 649.90 |
|                      | 71                                | 6,356,031.5          | 1,826,731.5       | 649.80 |
| Terrain Line4        | 101                               | 6,356,906.0          | 1,827,372.1       | 680.60 |
|                      | 103                               | 6,356,900.5          | 1,827,382.2       | 680.70 |

**INPUT: TERRAIN LINES****8207**

|               |     |             |             |        |
|---------------|-----|-------------|-------------|--------|
|               | 104 | 6,356,896.0 | 1,827,395.8 | 680.90 |
|               | 105 | 6,356,894.0 | 1,827,409.9 | 681.00 |
|               | 106 | 6,356,894.0 | 1,827,424.1 | 681.20 |
|               | 107 | 6,356,895.0 | 1,827,429.8 | 681.20 |
|               | 108 | 6,356,896.5 | 1,827,437.9 | 681.30 |
|               | 109 | 6,356,896.5 | 1,827,440.2 | 681.40 |
|               | 110 | 6,356,894.0 | 1,827,445.1 | 681.40 |
|               | 111 | 6,356,847.0 | 1,827,504.2 | 681.40 |
|               | 112 | 6,356,836.0 | 1,827,508.4 | 681.20 |
|               | 113 | 6,356,832.5 | 1,827,510.6 | 681.20 |
|               | 114 | 6,356,826.0 | 1,827,516.6 | 681.00 |
|               | 115 | 6,356,815.5 | 1,827,525.6 | 680.80 |
|               | 116 | 6,356,807.0 | 1,827,531.5 | 680.60 |
|               | 117 | 6,356,802.0 | 1,827,533.4 | 680.50 |
|               | 118 | 6,356,795.0 | 1,827,533.6 | 680.40 |
|               | 119 | 6,356,788.5 | 1,827,531.5 | 680.30 |
|               | 120 | 6,356,784.0 | 1,827,528.2 | 680.20 |
|               | 121 | 6,356,773.0 | 1,827,517.8 | 680.00 |
|               | 122 | 6,356,757.0 | 1,827,502.6 | 679.30 |
|               | 123 | 6,356,746.5 | 1,827,493.4 | 678.90 |
|               | 124 | 6,356,729.0 | 1,827,479.5 | 678.30 |
|               | 125 | 6,356,711.0 | 1,827,466.1 | 677.60 |
|               | 126 | 6,356,675.0 | 1,827,441.4 | 676.30 |
|               | 127 | 6,356,639.5 | 1,827,416.1 | 675.00 |
|               | 128 | 6,356,596.5 | 1,827,382.9 | 673.40 |
|               | 129 | 6,356,509.5 | 1,827,312.8 | 670.00 |
|               | 130 | 6,356,380.5 | 1,827,208.6 | 665.00 |
|               | 131 | 6,356,256.0 | 1,827,108.2 | 660.80 |
|               | 132 | 6,356,232.0 | 1,827,090.5 | 660.00 |
|               | 133 | 6,356,183.0 | 1,827,034.8 | 657.80 |
|               | 134 | 6,356,129.0 | 1,826,958.0 | 655.00 |
|               | 135 | 6,356,092.5 | 1,826,900.8 | 655.20 |
|               | 136 | 6,356,085.0 | 1,826,884.5 | 655.00 |
|               | 137 | 6,356,093.0 | 1,826,867.0 | 653.90 |
|               | 102 | 6,356,115.0 | 1,826,854.8 | 653.70 |
| Terrain Line5 | 138 | 6,355,957.0 | 1,826,917.9 | 654.70 |

**INPUT: TERRAIN LINES****8207**

|                |     |             |             |        |
|----------------|-----|-------------|-------------|--------|
|                | 140 | 6,355,985.0 | 1,826,924.1 | 654.80 |
|                | 141 | 6,356,017.0 | 1,826,937.2 | 655.10 |
|                | 142 | 6,356,037.5 | 1,826,968.8 | 655.40 |
|                | 143 | 6,356,087.0 | 1,827,045.1 | 656.00 |
|                | 144 | 6,356,134.5 | 1,827,106.0 | 658.00 |
|                | 145 | 6,356,190.0 | 1,827,176.5 | 660.50 |
|                | 139 | 6,356,238.5 | 1,827,223.4 | 665.00 |
| Terrain Line6  | 146 | 6,356,522.5 | 1,827,491.2 | 683.10 |
|                | 148 | 6,356,542.0 | 1,827,507.1 | 684.00 |
|                | 149 | 6,356,585.0 | 1,827,541.5 | 690.00 |
|                | 150 | 6,356,594.0 | 1,827,550.4 | 694.10 |
|                | 151 | 6,356,689.0 | 1,827,625.8 | 696.00 |
|                | 152 | 6,356,717.5 | 1,827,648.9 | 696.60 |
|                | 153 | 6,356,724.0 | 1,827,656.5 | 696.80 |
|                | 154 | 6,356,725.5 | 1,827,665.8 | 697.00 |
|                | 155 | 6,356,738.5 | 1,827,694.5 | 697.60 |
|                | 156 | 6,356,753.0 | 1,827,713.5 | 698.00 |
|                | 157 | 6,356,768.5 | 1,827,723.2 | 698.20 |
|                | 158 | 6,356,790.0 | 1,827,733.1 | 698.40 |
|                | 159 | 6,356,822.0 | 1,827,735.8 | 698.60 |
|                | 160 | 6,356,847.5 | 1,827,732.5 | 698.90 |
|                | 161 | 6,356,938.5 | 1,827,798.4 | 699.80 |
|                | 162 | 6,356,947.5 | 1,827,793.2 | 702.00 |
|                | 147 | 6,357,200.0 | 1,827,986.8 | 702.00 |
| Terrain Line7  | 163 | 6,357,100.5 | 1,827,800.8 | 697.00 |
|                | 165 | 6,356,920.5 | 1,827,667.9 | 696.60 |
|                | 166 | 6,356,910.5 | 1,827,654.1 | 696.60 |
|                | 167 | 6,356,901.0 | 1,827,629.8 | 696.50 |
|                | 168 | 6,356,902.5 | 1,827,608.1 | 696.50 |
|                | 169 | 6,356,905.5 | 1,827,604.0 | 695.00 |
|                | 170 | 6,356,906.0 | 1,827,602.6 | 695.00 |
|                | 171 | 6,356,905.5 | 1,827,601.2 | 695.00 |
|                | 164 | 6,356,898.5 | 1,827,594.0 | 694.60 |
| Terrain Line10 | 239 | 6,359,479.5 | 1,831,999.5 | 895.50 |
|                | 241 | 6,359,475.0 | 1,831,916.2 | 895.50 |
|                | 242 | 6,359,473.5 | 1,831,907.2 | 891.50 |

**INPUT: TERRAIN LINES**
**8207**

|                |     |             |             |        |
|----------------|-----|-------------|-------------|--------|
|                | 243 | 6,359,467.0 | 1,831,828.2 | 891.50 |
|                | 244 | 6,359,467.0 | 1,831,809.4 | 884.50 |
|                | 245 | 6,359,462.5 | 1,831,734.2 | 884.50 |
|                | 246 | 6,359,457.5 | 1,831,718.8 | 877.50 |
|                | 247 | 6,359,459.0 | 1,831,683.9 | 877.50 |
| Terrain Line11 | 258 | 6,361,189.5 | 1,833,985.5 | 944.90 |
|                | 260 | 6,361,032.0 | 1,833,971.0 | 944.90 |
|                | 261 | 6,361,026.5 | 1,833,968.6 | 944.90 |
|                | 262 | 6,361,023.5 | 1,833,963.6 | 944.80 |
|                | 263 | 6,361,023.5 | 1,833,957.6 | 944.80 |
|                | 264 | 6,361,049.0 | 1,833,892.4 | 944.80 |
|                | 265 | 6,361,055.5 | 1,833,880.2 | 944.80 |
|                | 266 | 6,361,064.0 | 1,833,869.5 | 944.80 |
|                | 267 | 6,361,074.0 | 1,833,860.4 | 944.80 |
|                | 268 | 6,361,085.5 | 1,833,853.0 | 944.80 |
|                | 269 | 6,361,098.0 | 1,833,847.9 | 944.80 |
|                | 270 | 6,361,113.5 | 1,833,844.4 | 944.80 |
|                | 271 | 6,361,129.0 | 1,833,843.6 | 944.80 |
|                | 272 | 6,361,144.5 | 1,833,845.4 | 944.80 |
|                | 273 | 6,361,160.0 | 1,833,849.6 | 944.80 |
|                | 259 | 6,361,174.0 | 1,833,856.4 | 944.80 |
| Terrain Line13 | 281 | 6,361,015.0 | 1,834,191.0 | 958.40 |
|                | 283 | 6,360,999.0 | 1,834,193.1 | 957.60 |
|                | 284 | 6,360,983.0 | 1,834,194.8 | 955.90 |
|                | 285 | 6,360,967.5 | 1,834,196.0 | 954.80 |
|                | 286 | 6,360,951.5 | 1,834,196.9 | 953.20 |
|                | 287 | 6,360,935.5 | 1,834,197.4 | 953.00 |
|                | 288 | 6,360,942.0 | 1,834,226.9 | 955.20 |
|                | 289 | 6,360,948.0 | 1,834,256.5 | 956.90 |
|                | 290 | 6,360,953.5 | 1,834,286.1 | 958.40 |
|                | 291 | 6,360,958.0 | 1,834,316.0 | 960.00 |
|                | 292 | 6,360,962.0 | 1,834,347.5 | 962.10 |
|                | 293 | 6,360,965.0 | 1,834,379.0 | 963.30 |
|                | 294 | 6,360,967.0 | 1,834,410.5 | 964.00 |
|                | 295 | 6,360,969.0 | 1,834,442.1 | 964.20 |
|                | 296 | 6,360,970.0 | 1,834,469.9 | 963.10 |

**INPUT: TERRAIN LINES****8207**

|                  |     |             |             |        |
|------------------|-----|-------------|-------------|--------|
|                  | 297 | 6,360,969.0 | 1,834,497.6 | 961.00 |
|                  | 298 | 6,360,965.0 | 1,834,525.1 | 956.00 |
|                  | 299 | 6,360,958.5 | 1,834,552.1 | 950.30 |
| Terrain Line13-2 | 492 | 6,360,958.5 | 1,834,552.1 | 950.30 |
|                  | 300 | 6,360,913.0 | 1,834,758.2 | 915.90 |
| Terrain Line10-2 | 494 | 6,359,460.0 | 1,831,683.9 | 877.50 |
|                  | 248 | 6,359,463.0 | 1,831,643.9 | 877.50 |
| Terrain Line9-2  | 496 | 6,359,180.5 | 1,830,207.6 | 789.00 |
|                  | 227 | 6,359,200.0 | 1,830,179.1 | 780.00 |
|                  | 228 | 6,359,191.0 | 1,830,161.2 | 771.00 |
|                  | 229 | 6,359,160.0 | 1,830,089.6 | 770.00 |
|                  | 230 | 6,359,151.0 | 1,830,071.2 | 769.70 |
|                  | 231 | 6,359,148.0 | 1,830,050.0 | 769.30 |
|                  | 232 | 6,359,138.5 | 1,830,034.4 | 769.00 |
|                  | 233 | 6,359,122.5 | 1,830,023.9 | 768.80 |
|                  | 234 | 6,359,091.5 | 1,830,015.8 | 768.40 |
|                  | 235 | 6,359,041.5 | 1,830,028.1 | 768.20 |
|                  | 236 | 6,359,000.0 | 1,830,046.5 | 768.70 |
|                  | 237 | 6,358,984.5 | 1,830,068.4 | 769.00 |
|                  | 238 | 6,358,978.5 | 1,830,077.9 | 769.20 |
|                  | 203 | 6,358,971.5 | 1,830,084.4 | 769.40 |
| Terrain Line3-2  | 497 | 6,356,031.5 | 1,826,731.5 | 649.80 |
|                  | 72  | 6,356,015.5 | 1,826,623.4 | 654.70 |

## RESULTS: SOUND LEVELS

8207

|                                        |     |                                   |          |            |        |                        |           |            |                 |            |      |            |
|----------------------------------------|-----|-----------------------------------|----------|------------|--------|------------------------|-----------|------------|-----------------|------------|------|------------|
| Dudek                                  |     |                                   |          |            |        |                        |           |            |                 |            |      |            |
| M Greene                               |     |                                   |          |            |        |                        |           |            |                 |            |      |            |
|                                        |     |                                   |          |            |        |                        |           |            |                 |            |      |            |
| RESULTS: SOUND LEVELS                  |     |                                   |          |            |        |                        |           |            |                 |            |      |            |
| PROJECT/CONTRACT:                      |     | 8207                              |          |            |        |                        |           |            |                 |            |      |            |
| RUN:                                   |     | OtyRchPctrVly2030wPjwMt2ndFlr0817 |          |            |        |                        |           |            |                 |            |      |            |
| BARRIER DESIGN:                        |     | INPUT HEIGHTS                     |          |            |        |                        |           |            |                 |            |      |            |
|                                        |     |                                   |          |            |        |                        |           |            |                 |            |      |            |
| ATMOSPHERICS:                          |     | 68 deg F, 50% RH                  |          |            |        |                        |           |            |                 |            |      |            |
|                                        |     |                                   |          |            |        |                        |           |            |                 |            |      |            |
| Receiver                               |     |                                   |          |            |        |                        |           |            |                 |            |      |            |
| Name                                   | No. | #DUs                              | Existing | No Barrier |        |                        |           |            | With Barrier    |            |      |            |
|                                        |     |                                   | LAeq1h   | LAeq1h     |        | Increase over existing | Type      | Calculated | Noise Reduction |            |      |            |
|                                        |     |                                   |          | Calculated | Crit'n | Calculated             | Crit'n    | Impact     | LAeq1h          | Calculated | Goal | Calculated |
|                                        |     |                                   |          |            |        |                        | Sub'l Inc |            |                 |            |      | minus      |
|                                        |     |                                   |          |            |        |                        |           |            |                 |            |      | Goal       |
|                                        |     |                                   | dBA      | dBA        | dBA    | dB                     | dB        |            | dBA             | dB         | dB   | dB         |
| R1 San MiguelRnchRd W of SR125         | 3   | 1                                 | 0.0      | 0.0        | 65     | 0.0                    | 1         | inactive   | 0.0             | 0.0        | 8    | 0.0        |
| R2 MtMiguelRd - ProctorVly-SnMgl       | 5   | 1                                 | 0.0      | 0.0        | 65     | 0.0                    | 1         | inactive   | 0.0             | 0.0        | 8    | 0.0        |
| R3 PrctrVly Rd SR15 - MtMiguelRd       | 7   | 1                                 | 0.0      | 0.0        | 65     | 0.0                    | 1         | inactive   | 0.0             | 0.0        | 8    | 0.0        |
| R4 MtMglRd - Lane Ave                  | 9   | 1                                 | 0.0      | 0.0        | 65     | 0.0                    | 1         | inactive   | 0.0             | 0.0        | 8    | 0.0        |
| R5 Lane Ave - PrctrVlyRd-OtayLksRd     | 11  | 1                                 | 0.0      | 0.0        | 65     | 0.0                    | 1         | inactive   | 0.0             | 0.0        | 8    | 0.0        |
| R6 PrctrVlyRd-Lane Ave-HuntePkwY       | 13  | 1                                 | 0.0      | 0.0        | 65     | 0.0                    | 1         | inactive   | 0.0             | 0.0        | 8    | 0.0        |
| R7 HuntePkwY-PrctrVlyRd-OtyLksRd       | 15  | 1                                 | 0.0      | 0.0        | 65     | 0.0                    | 1         | inactive   | 0.0             | 0.0        | 8    | 0.0        |
| R8 HuntePkwY-OtyLksRd-OlmpcPkwY        | 17  | 1                                 | 0.0      | 0.0        | 65     | 0.0                    | 1         | inactive   | 0.0             | 0.0        | 8    | 0.0        |
| R9 HuntePkwY-OlmpcPkwY-EastlkPkwY      | 19  | 1                                 | 0.0      | 0.0        | 65     | 0.0                    | 1         | inactive   | 0.0             | 0.0        | 8    | 0.0        |
| R10 PrctrVlyRd-HuntePkyw-Nrthwd        | 21  | 1                                 | 0.0      | 0.0        | 65     | 0.0                    | 1         | inactive   | 0.0             | 0.0        | 8    | 0.0        |
| R11 NrthwdsDr-ProctrVly-BlueRdgDr      | 23  | 1                                 | 0.0      | 0.0        | 65     | 0.0                    | 1         | inactive   | 0.0             | 0.0        | 8    | 0.0        |
| M4 / R12 PrctrVly Rd w of NrthwdsDr    | 27  | 1                                 | 0.0      | 0.0        | 65     | 0.0                    | 1         | inactive   | 0.0             | 0.0        | 8    | 0.0        |
| M6 / R13 SnMglRnchRd e of SR125        | 29  | 1                                 | 0.0      | 0.0        | 65     | 0.0                    | 1         | inactive   | 0.0             | 0.0        | 8    | 0.0        |
| M8 / R14 PrctrVly Rd n of Project      | 31  | 1                                 | 0.0      | 0.0        | 65     | 0.0                    | 1         | inactive   | 0.0             | 0.0        | 8    | 0.0        |
| M9 / R15 PrtrVlyRd-Melody Rd-SchleeCyn | 33  | 1                                 | 0.0      | 0.0        | 65     | 0.0                    | 1         | inactive   | 0.0             | 0.0        | 8    | 0.0        |
| M10 / R16 MldyRd - PrctrVlyRd - SR-94  | 35  | 1                                 | 0.0      | 0.0        | 65     | 0.0                    | 1         | inactive   | 0.0             | 0.0        | 8    | 0.0        |
| M11 / R17 PrctrVlyRd-SchleeCyn Rd-Mxf  | 37  | 1                                 | 0.0      | 0.0        | 65     | 0.0                    | 1         | inactive   | 0.0             | 0.0        | 8    | 0.0        |
| R18 PrctrVlyRd - MaxfieldRd to SR-94   | 39  | 1                                 | 0.0      | 0.0        | 65     | 0.0                    | 1         | inactive   | 0.0             | 0.0        | 8    | 0.0        |
| R19 P-1                                | 100 | 1                                 | 0.0      | 0.0        | 65     | 0.0                    | 1         | inactive   | 0.0             | 0.0        | 8    | 0.0        |
| R20 R-4 southwest side                 | 101 | 1                                 | 0.0      | 68.7       | 60     | 68.7                   | 1         | Snd Lvl    | 68.7            | 0.0        | 8    | -8.0       |
| R21 R-4 west side                      | 102 | 1                                 | 0.0      | 69.0       | 60     | 69.0                   | 1         | Snd Lvl    | 69.0            | 0.0        | 8    | -8.0       |
| R22 R-4 northwest side                 | 103 | 1                                 | 0.0      | 69.2       | 60     | 69.2                   | 1         | Snd Lvl    | 69.2            | 0.0        | 8    | -8.0       |
| R23 R-5 Lot 10 southwest side          | 104 | 1                                 | 0.0      | 67.0       | 60     | 67.0                   | 1         | Snd Lvl    | 67.0            | 0.0        | 8    | -8.0       |
| R24 R-5 Lot 5 west side                | 105 | 1                                 | 0.0      | 67.7       | 60     | 67.7                   | 1         | Snd Lvl    | 67.7            | 0.0        | 8    | -8.0       |

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**RESULTS: SOUND LEVELS**
**8207**

| R25 R-5 PPP-1 northwest side  | 106   | 1               | 0.0       | 0.0       | 65 | 0.0  | 1  | inactive | 0.0  | 0.0 | 8 | 0.0  |
|-------------------------------|-------|-----------------|-----------|-----------|----|------|----|----------|------|-----|---|------|
| R26 R-12 Park south side      | 107   | 1               | 0.0       | 0.0       | 65 | 0.0  | 1  | inactive | 0.0  | 0.0 | 8 | 0.0  |
| R27 S-1 School southwest side | 108   | 1               | 0.0       | 0.0       | 65 | 0.0  | 1  | inactive | 0.0  | 0.0 | 8 | 0.0  |
| R28 R-12 Park north side      | 109   | 1               | 0.0       | 0.0       | 65 | 0.0  | 1  | inactive | 0.0  | 0.0 | 8 | 0.0  |
| R29 S-1 School west side      | 110   | 1               | 0.0       | 0.0       | 65 | 0.0  | 1  | inactive | 0.0  | 0.0 | 8 | 0.0  |
| R30 S-1 School northwest side | 111   | 1               | 0.0       | 0.0       | 65 | 0.0  | 1  | inactive | 0.0  | 0.0 | 8 | 0.0  |
| R31 P-2 park                  | 112   | 1               | 0.0       | 0.0       | 65 | 0.0  | 1  | inactive | 0.0  | 0.0 | 8 | 0.0  |
| R32 MU-1                      | 113   | 1               | 0.0       | 64.2      | 65 | 64.2 | 1  | ----     | 64.2 | 0.0 | 8 | -8.0 |
| R33 R-10 Lot 6                | 114   | 1               | 0.0       | 67.2      | 60 | 67.2 | 1  | Snd Lvl  | 67.2 | 0.0 | 8 | -8.0 |
| R34 R-10 Lot 4                | 115   | 1               | 0.0       | 67.0      | 60 | 67.0 | 1  | Snd Lvl  | 67.0 | 0.0 | 8 | -8.0 |
| R35 R-10 Lot 2                | 116   | 1               | 0.0       | 66.8      | 60 | 66.8 | 1  | Snd Lvl  | 66.8 | 0.0 | 8 | -8.0 |
| R36 R-11 PP-4                 | 117   | 1               | 0.0       | 0.0       | 65 | 0.0  | 1  | inactive | 0.0  | 0.0 | 8 | 0.0  |
| R37 R-11 Lot 54               | 118   | 1               | 0.0       | 66.1      | 60 | 66.1 | 1  | Snd Lvl  | 66.1 | 0.0 | 8 | -8.0 |
| R38 R-11 Lot 58               | 119   | 1               | 0.0       | 66.2      | 60 | 66.2 | 1  | Snd Lvl  | 66.2 | 0.0 | 8 | -8.0 |
| R39 R-11 Lot 61               | 120   | 1               | 0.0       | 66.1      | 60 | 66.1 | 1  | Snd Lvl  | 66.1 | 0.0 | 8 | -8.0 |
| R40 R-11 Lot 1                | 121   | 1               | 0.0       | 65.1      | 60 | 65.1 | 1  | Snd Lvl  | 65.1 | 0.0 | 8 | -8.0 |
| R41 R-11 Lot 4                | 122   | 1               | 0.0       | 64.3      | 60 | 64.3 | 1  | Snd Lvl  | 64.3 | 0.0 | 8 | -8.0 |
| R42 R-11 Lot 6                | 123   | 1               | 0.0       | 59.9      | 60 | 59.9 | 1  | ----     | 59.9 | 0.0 | 8 | -8.0 |
| R43 R-11 Lot 8                | 124   | 1               | 0.0       | 55.4      | 60 | 55.4 | 1  | ----     | 55.4 | 0.0 | 8 | -8.0 |
| R44 R-14 Lot 64               | 125   | 1               | 0.0       | 59.7      | 60 | 59.7 | 1  | ----     | 59.7 | 0.0 | 8 | -8.0 |
| R45 R-14 Lot 28               | 126   | 1               | 0.0       | 66.7      | 60 | 66.7 | 1  | Snd Lvl  | 66.7 | 0.0 | 8 | -8.0 |
| R46 R-14 open space           | 127   | 1               | 0.0       | 0.0       | 65 | 0.0  | 1  | inactive | 0.0  | 0.0 | 8 | 0.0  |
| R47 R-14 Lot 27               | 128   | 1               | 0.0       | 67.6      | 60 | 67.6 | 1  | Snd Lvl  | 67.6 | 0.0 | 8 | -8.0 |
| R48 R-14 Lot 2                | 129   | 1               | 0.0       | 66.9      | 60 | 66.9 | 1  | Snd Lvl  | 66.9 | 0.0 | 8 | -8.0 |
| R49 R-14 Lot 1                | 130   | 1               | 0.0       | 66.9      | 60 | 66.9 | 1  | Snd Lvl  | 66.9 | 0.0 | 8 | -8.0 |
| R50 R-14 P-4                  | 131   | 1               | 0.0       | 0.0       | 60 | 0.0  | 1  | inactive | 0.0  | 0.0 | 8 | 0.0  |
| R51 R-13 Lot 1                | 132   | 1               | 0.0       | 65.2      | 60 | 65.2 | 0  | Snd Lvl  | 65.2 | 0.0 | 8 | -8.0 |
| R52 R-13 Lot 9                | 133   | 1               | 0.0       | 64.9      | 60 | 64.9 | 0  | Snd Lvl  | 64.9 | 0.0 | 8 | -8.0 |
| R53 R-13 Lot 8                | 134   | 1               | 0.0       | 64.0      | 60 | 64.0 | 0  | Snd Lvl  | 64.0 | 0.0 | 8 | -8.0 |
| R54 R-13 Lot 10               | 135   | 1               | 0.0       | 65.9      | 60 | 65.9 | 0  | Snd Lvl  | 65.9 | 0.0 | 8 | -8.0 |
| R55 R-13 Lot 11               | 136   | 1               | 0.0       | 66.3      | 60 | 66.3 | 0  | Snd Lvl  | 66.3 | 0.0 | 8 | -8.0 |
| R56 R-13 Lot 12               | 138   | 1               | 0.0       | 65.8      | 66 | 65.8 | 10 | ----     | 65.8 | 0.0 | 8 | -8.0 |
| Dwelling Units                | # DUs | Noise Reduction |           |           |    |      |    |          |      |     |   |      |
|                               |       | Min<br>dB       | Avg<br>dB | Max<br>dB |    |      |    |          |      |     |   |      |
| All Selected                  | 56    | 0.0             | 0.0       | 0.0       |    |      |    |          |      |     |   |      |
| All Impacted                  | 22    | 0.0             | 0.0       | 0.0       |    |      |    |          |      |     |   |      |
| All that meet NR Goal         | 0     | 0.0             | 0.0       | 0.0       |    |      |    |          |      |     |   |      |