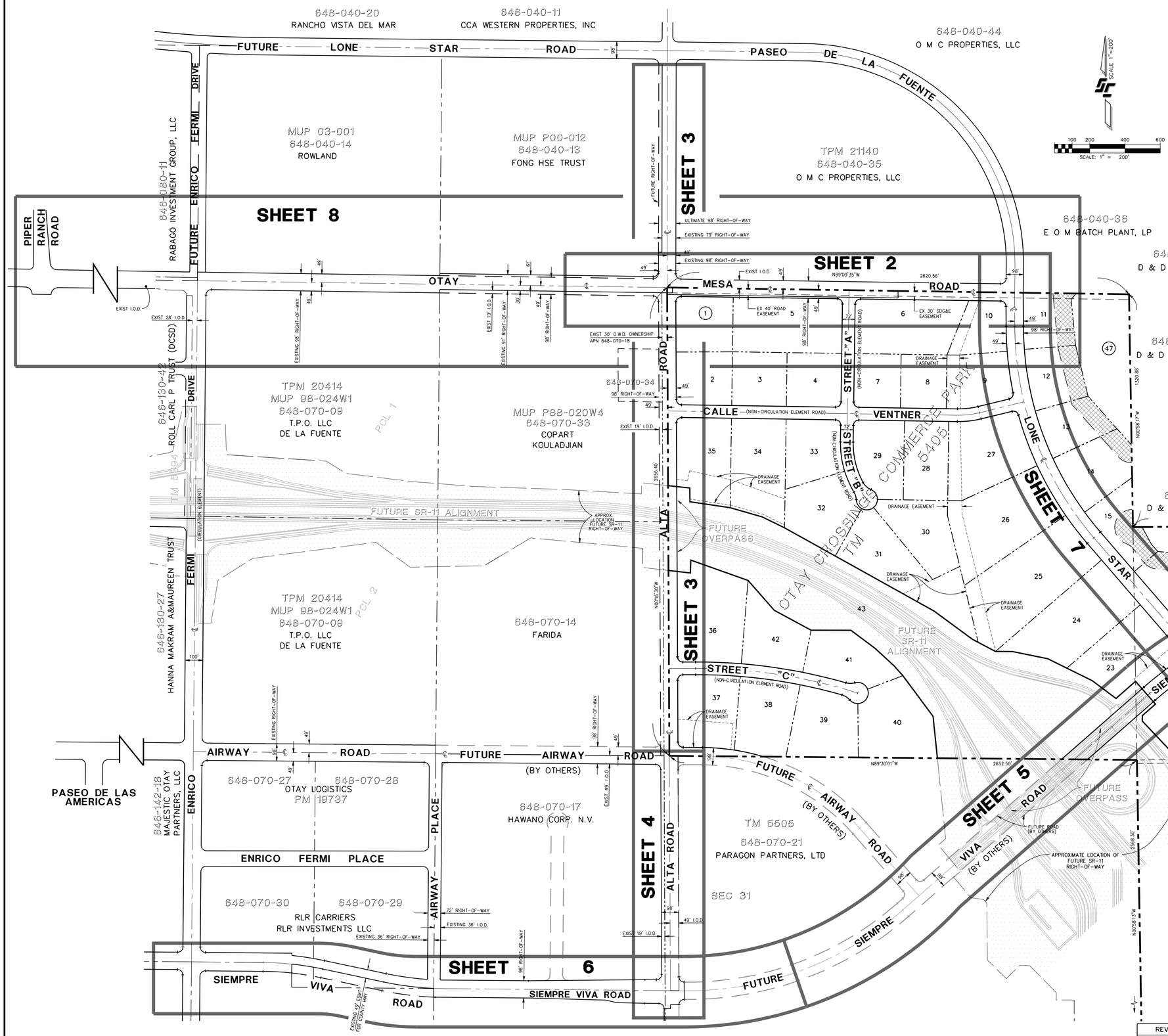
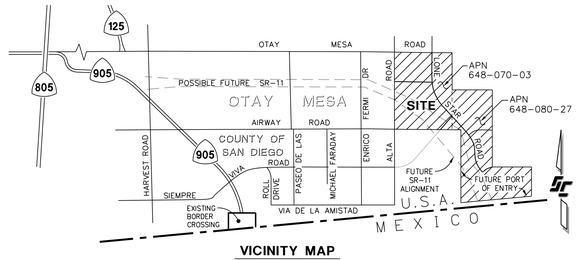
COUNTY OF SAN DIEGO TRACT 5405R
EAST OTAY MESA, CALIFORNIA
PRELIMINARY ROUTE STUDY





VICINITY MAP
NO SCALE

LEGEND

DESCRIPTION	SYMBOL
PROPOSED LOT NUMBER	1 THRU 47
SUBDIVISION BOUNDARY	
PROPOSED RIGHT-OF-WAY	
PROPOSED LOT LINE	
EXISTING RIGHT-OF-WAY	
EXISTING LOT LINES	
EASEMENT LINE	
PROPOSED SLOPE (2:1 MAX)	
PROPOSED DAYLIGHT	
PROPOSED CONTOUR	630
EXISTING CONTOUR	630
STORM DRAIN PIPE AND STRUCTURE	SD, CI/CO, HDWL
EXISTING STORM DRAIN	SD
PROPOSED OPEN DRAINAGE CHANNEL	
PROPOSED WATER	W
EXISTING WATER	W
PROPOSED SEWER	S

SHEET INDEX

1. TITLE SHEET
2. OTAY MESA ROAD (ON-SITE)
3. ALTA ROAD (ON-SITE)
4. ALTA ROAD (OFF-SITE AIRWAY ROAD TO SIEMPRE VIVA ROAD)
5. SIEMPRE VIVA ROAD (NORTH OF AIRWAY ROAD)
6. SIEMPRE VIVA ROAD (WEST OF ALTA ROAD)
7. LONE STAR ROAD (ON-SITE)

MITIGATED TM 5405 REQUIREMENT

8. RIGHT-OF-WAY EXHIBIT – OTAY MESA ROAD (OFF-SITE)
9. RIGHT-OF-WAY EXHIBIT – SIEMPRE VIVA ROAD (OFF-SITE)
10. STRIPING PLAN – OTAY MESA ROAD
11. STRIPING PLAN – ON-SITE ROADS AND OFF-SITE SIEMPRE VIVA ROAD

REVISIONS

△	
△	
△	
△	
△	

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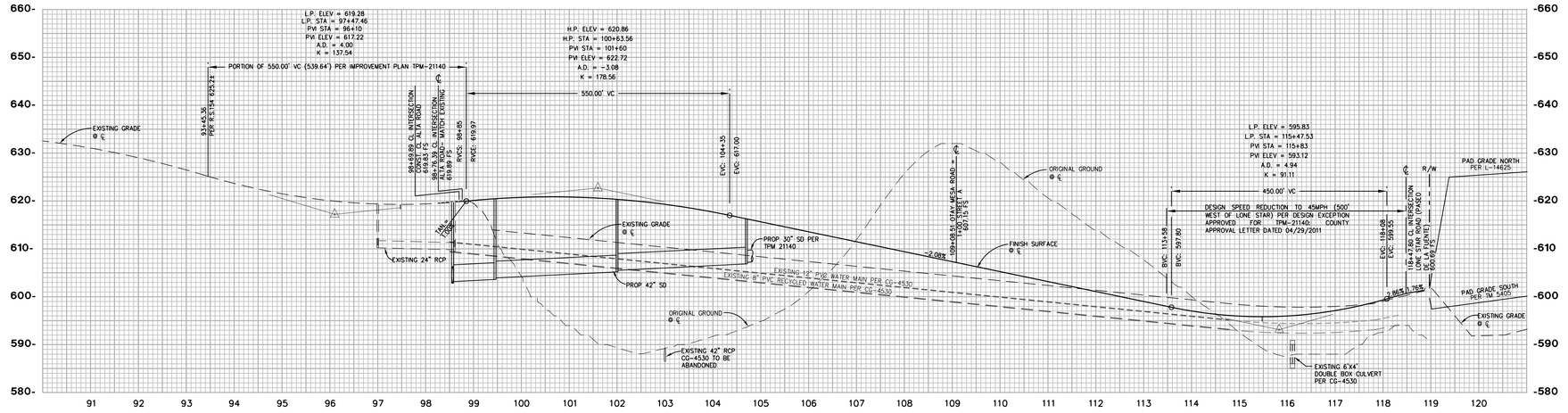
COUNTY OF SAN DIEGO TRACT 5405R
OTAY CROSSINGS COMMERCE PARK
EAST OTAY MESA, CALIFORNIA

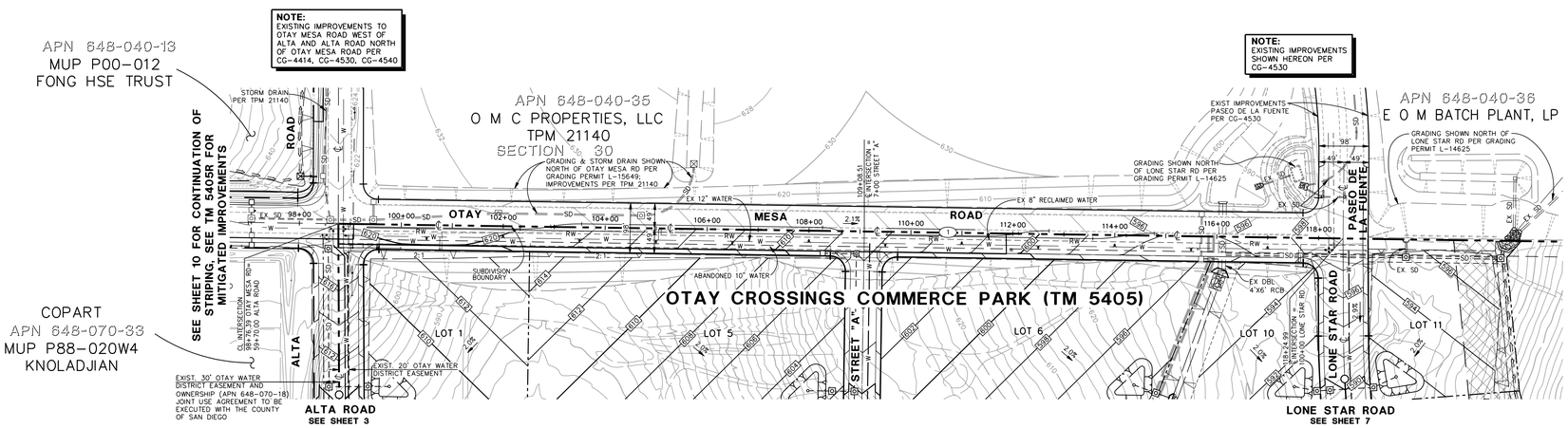
PRELIMINARY ROUTE STUDY
CIRCULATION ELEMENT ROADWAYS AND
TM 5405 MITIGATED REQUIREMENTS

DATE: 12/20/12
SCE NO. 0304.3.08
SHEET 1
1 OF 11 SHEETS

SDC PDS RCVD 02-13-13
TM5405R

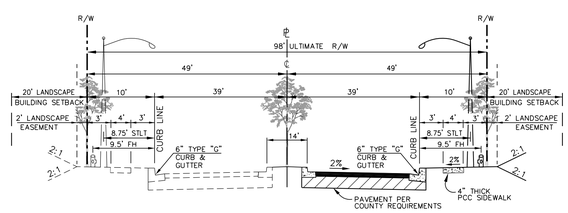


PROFILE: OTAY MESA ROAD
SCALE: 1"= 100' HORIZ.; 1"= 10' VERT.



CENTERLINE DATA				
NO.	BEARING-DELTA	RADIUS	LENGTH	REMARKS
1	N89°09'35"W		1,948.60'	98+76.39 TO 118+24.99

ROADWAY DESIGN CRITERIA: OTAY MESA ROAD
PROPOSED CLASSIFICATION: MAJOR ROAD (EAST OF ENRICO FERMI DRIVE)
RIGHT OF WAY: 98FT
DESIGN SPEED: 55 MPH
SLOPE GRADIENT: 2:1 MAX
INTERIM SLOPES: 2:1 MAX



4 LANE MAJOR ROAD
TYPICAL SECTION OTAY MESA ROAD
NO SCALE

NOTE:
ROAD DESIGN SHOWN FOR ROUTE STUDY ALIGNMENT AND GRADE ONLY.

SCALE: 1"= 100'
0 50 100 200 300
SCALE: 1" = 100'

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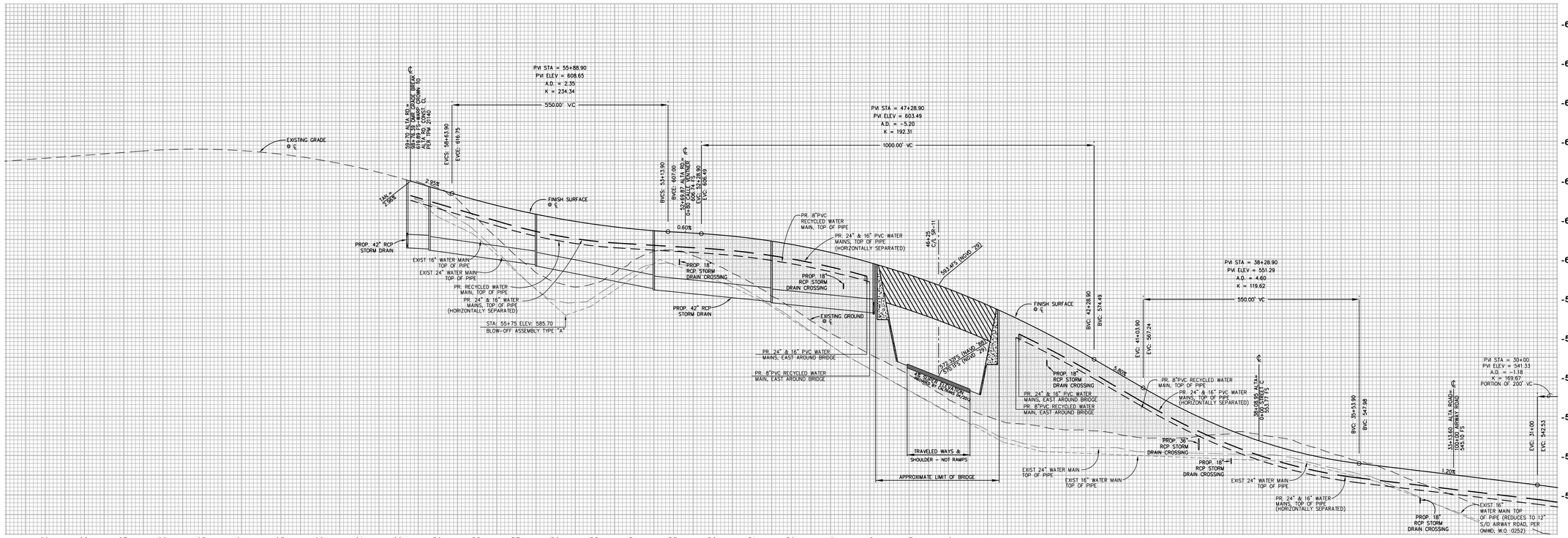
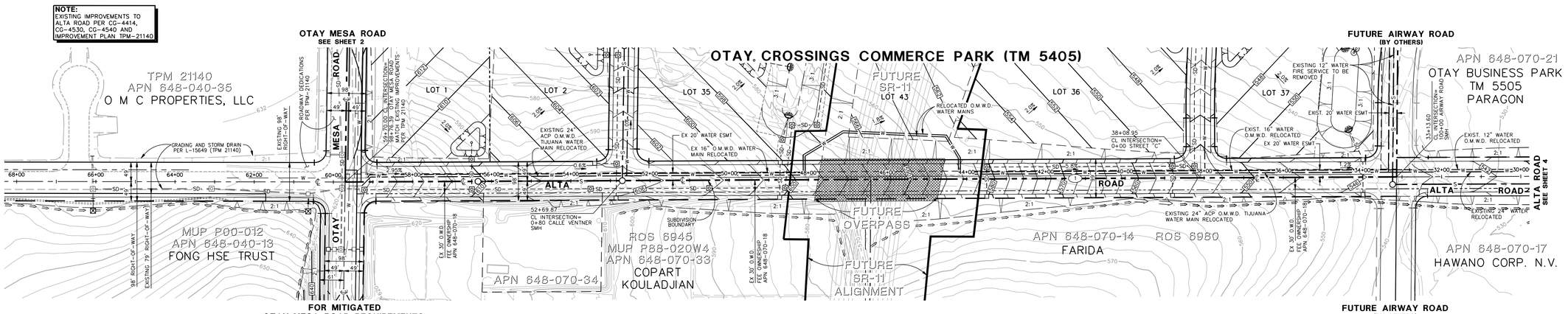
COUNTY OF SAN DIEGO TRACT 5405R
OTAY CROSSINGS COMMERCE PARK
EAST OTAY MESA, CALIFORNIA

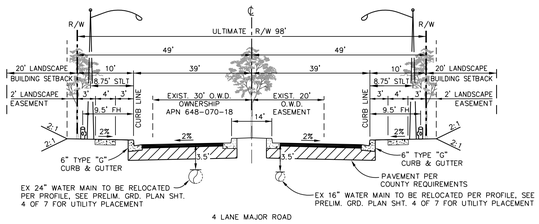
PRELIMINARY ROUTE STUDY
OTAY MESA ROAD

DATE: 12/20/12
SCE NO. 03043.08
SHEET 2
2 OF 11 SHEETS

K:\DVD\Job\3043-3343\RPL\PR-3312RD\TSM4R1-3343 RSD.dwg 1/25/2013 4:42:08 PM PST







4 LANE MAJOR ROAD

TYPICAL SECTION
ALTA ROAD

NO SCALE

ROADWAY DESIGN CRITERIA: ALTA ROAD

PROPOSED CLASSIFICATION: MAJOR ROAD
RIGHT OF WAY: 98FT
DESIGN SPEED: 55 MPH
SLOPE GRADIENT: 2: 1 MAX
INTERIM SLOPES: 2: 1 MAX

CENTERLINE DATA

NO.	BEARING-DELTA	RADIUS	LENGTH	REMARKS
1	N00°16'30"W		2656.40'	59+70 TO 33+13.60

NOTE:
ROAD DESIGN SHOWN FOR ROUTE STUDY ALIGNMENT AND GRADE ONLY.

SCALE: 1"= 100'

0 50 100 200 300

SCALE: 1" = 100'

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COUNTY OF SAN DIEGO TRACT 5405R
OTAY CROSSINGS COMMERCE PARK
EAST OTAY MESA, CALIFORNIA

PRELIMINARY ROUTE STUDY
ALTA ROAD

DATE: 12/20/12
SCE NO. 03043.08
SHEET
3
3 OF 11 SHEETS

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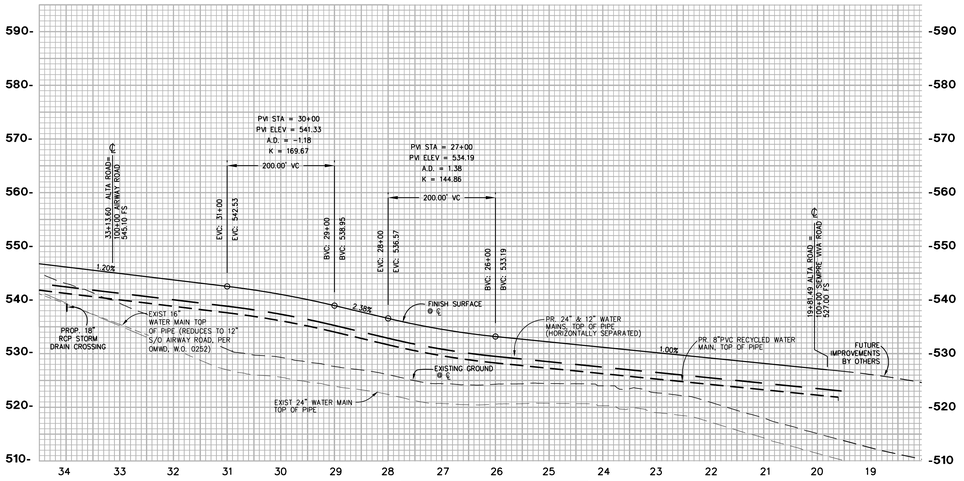
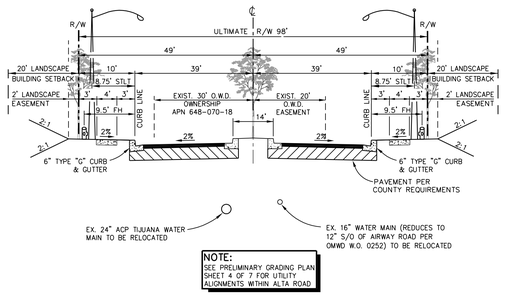


PROFILE: ALTA ROAD
SCALE: 1"= 100' HORIZ.; 1"= 10' VERT.

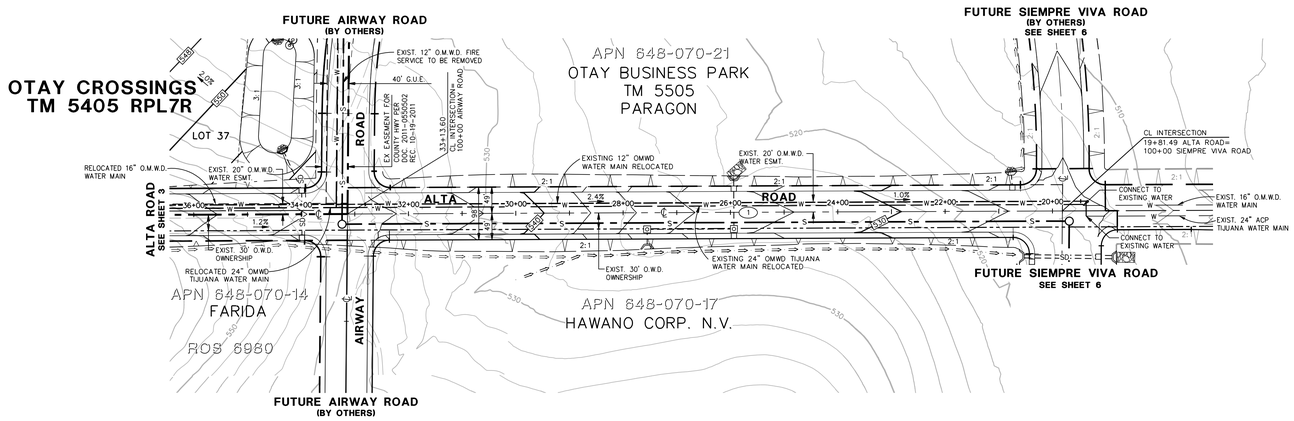


NOTE:
SEE PRELIMINARY GRADING PLAN SHEET 4 OF 7 FOR UTILITY ALIGNMENTS WITHIN ALTA ROAD

4 LANE MAJOR ROAD

TYPICAL SECTION
ALTA ROAD

NO SCALE



CENTERLINE DATA

NO.	BEARING-DELTA	RADIUS	LENGTH	REMARKS
1	N00°16'30"W		1,332.12'	33+13.60 TO 19+81.49

ROADWAY DESIGN CRITERIA: ALTA ROAD

PROPOSED CLASSIFICATION: MAJOR ROAD
RIGHT OF WAY: 98FT
DESIGN SPEED: 55 MPH
SLOPE GRADIENT: 2:1 MAX
INTERIM SLOPES: 2:1 MAX

NOTE:
ROAD DESIGN SHOWN FOR ROUTE STUDY ALIGNMENT AND GRADE ONLY.

SCALE: 1"= 100'

0 50 100 200 300
SCALE: 1" = 100'

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COUNTY OF SAN DIEGO TRACT 5405R
OTAY CROSSINGS COMMERCE PARK
EAST OTAY MESA, CALIFORNIA

PRELIMINARY ROUTE STUDY
ALTA ROAD

DATE: 12/20/12
SCE NO. 0304.3.08
SHEET 4
4 OF 11 SHEETS

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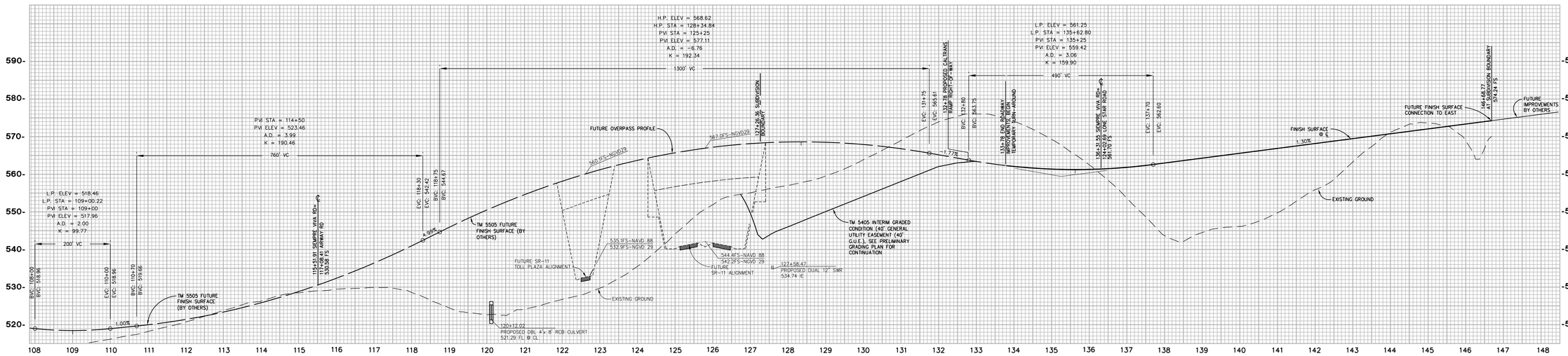
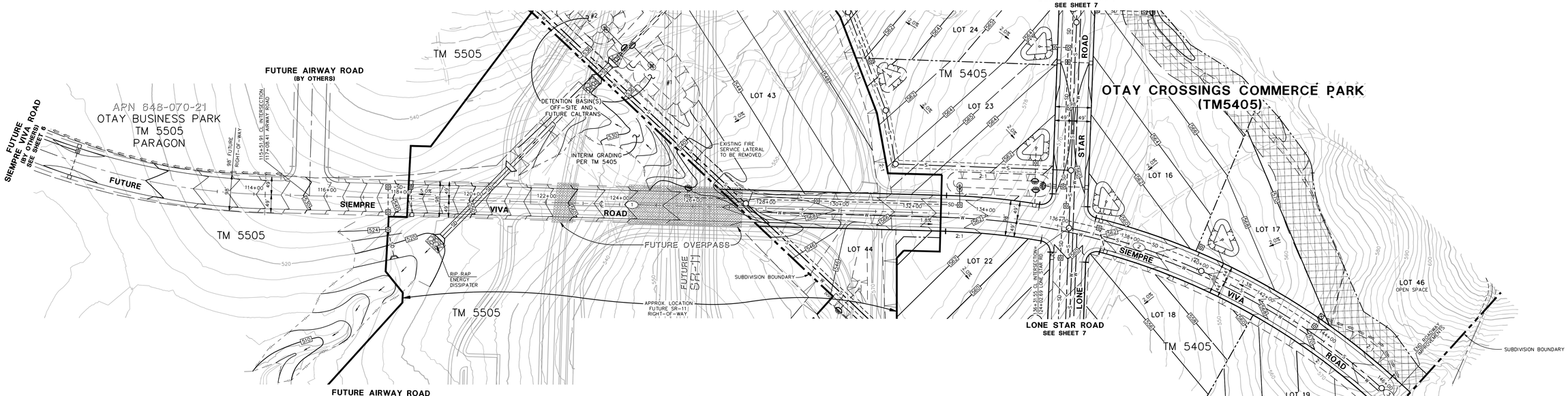
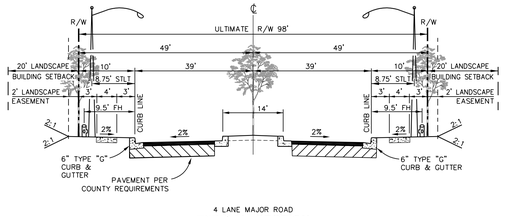


PROFILE: SIEMPRE VIVA ROAD
SCALE: 1"= 100' HORIZ.; 1"= 10' VERT.





4 LANE MAJOR ROAD
TYPICAL SECTION
SIEMPRE VIVA ROAD
NO SCALE

ROADWAY DESIGN CRITERIA: SIEMPRE VIVA ROAD
PROPOSED CLASSIFICATION: MAJOR ROAD
RIGHT OF WAY: 98FT
DESIGN SPEED: 55 MPH
SLOPE GRADIENT: 2:1 MAX
INTERIM SLOPES: 2:1 MAX

NOTE:
ROAD DESIGN SHOWN FOR ROUTE STUDY ALIGNMENT AND GRADE ONLY.

CENTERLINE DATA

NO.	BEARING-DELTA	RADIUS	LENGTH	REMARKS
1	N48°45'20"E	--	1545.51'	FROM 117+60.30
2	Δ=40°34'25"	1850.00'	1310.06'	
3	N89°19'44"E	--	66.03'	TO 146+68.77

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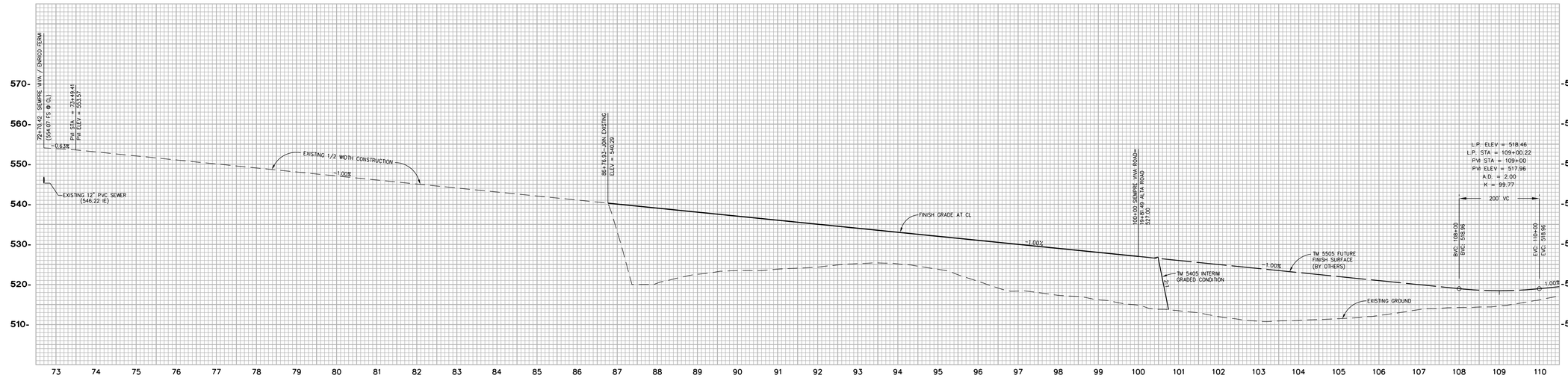
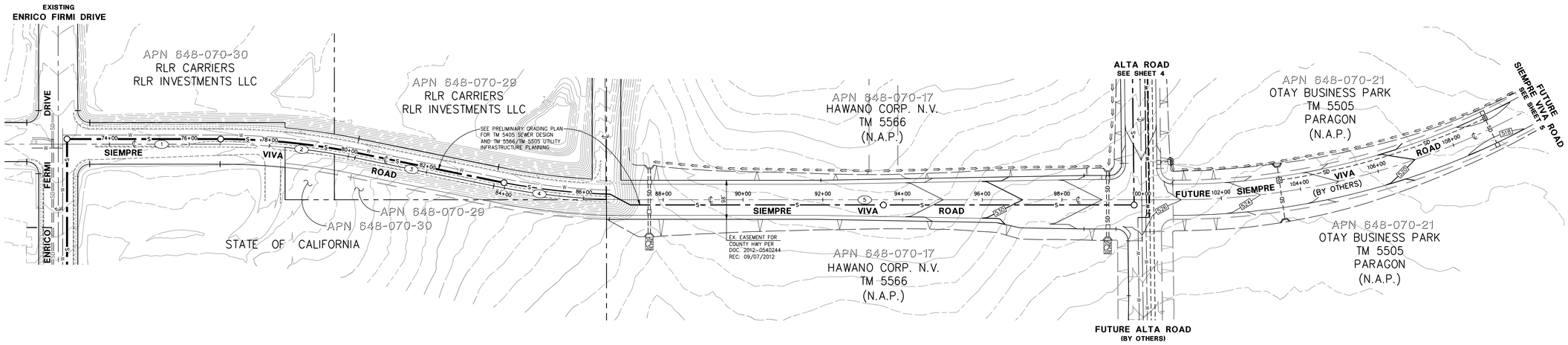
COUNTY OF SAN DIEGO TRACT 5405R
OTAY CROSSINGS COMMERCE PARK
EAST OTAY MESA, CALIFORNIA

PRELIMINARY ROUTE STUDY
SIEMPRE VIVA ROAD

DATE: 12/20/12
SCE NO. 03043.08
SHEET 5
5 OF 11 SHEETS

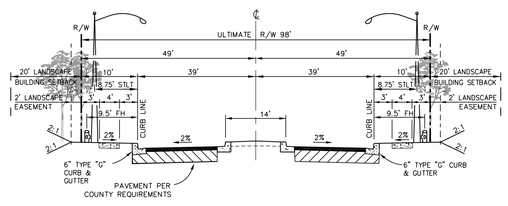


PROFILE: SIEMPRE VIVA ROAD
SCALE: 1"= 100' HORIZ.; 1"= 10' VERT.



ROADWAY DESIGN CRITERIA: SIEMPRE VIVA ROAD

PROPOSED CLASSIFICATION: MAJOR ROAD
RIGHT OF WAY: 98FT
DESIGN SPEED: 55 MPH
SLOPE GRADIENT: 2:1 MAX
INTERIM SLOPES: 2:1 MAX



4 LANE MAJOR ROAD
TYPICAL SECTION
SIEMPRE VIVA ROAD

NO SCALE

NOTE:
ROAD DESIGN SHOWN FOR ROUTE STUDY ALIGNMENT AND GRADE ONLY.

CENTERLINE DATA

NO.	BEARING-DELTA	RADIUS	LENGTH	REMARKS
1	N89°29'58"E	--	406.05'	
2	Δ=11°28'42"	1700.00'	340.57'	
3	N78°01'16"E	--	355.04'	
4	Δ=09°37'04"	1700.00'	285.37'	
5	N89°29'35"W	--	1342.56'	

SCALE: 1" = 100'

0 50 100 200 300
SCALE: 1" = 100'

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COUNTY OF SAN DIEGO TRACT 5405R
OTAY CROSSINGS COMMERCE PARK
EAST OTAY MESA, CALIFORNIA

PRELIMINARY ROUTE STUDY
SIEMPRE VIVA ROAD

DATE: 12/20/12
SCE NO. 03043.08
SHEET
6
6 OF 11 SHEETS

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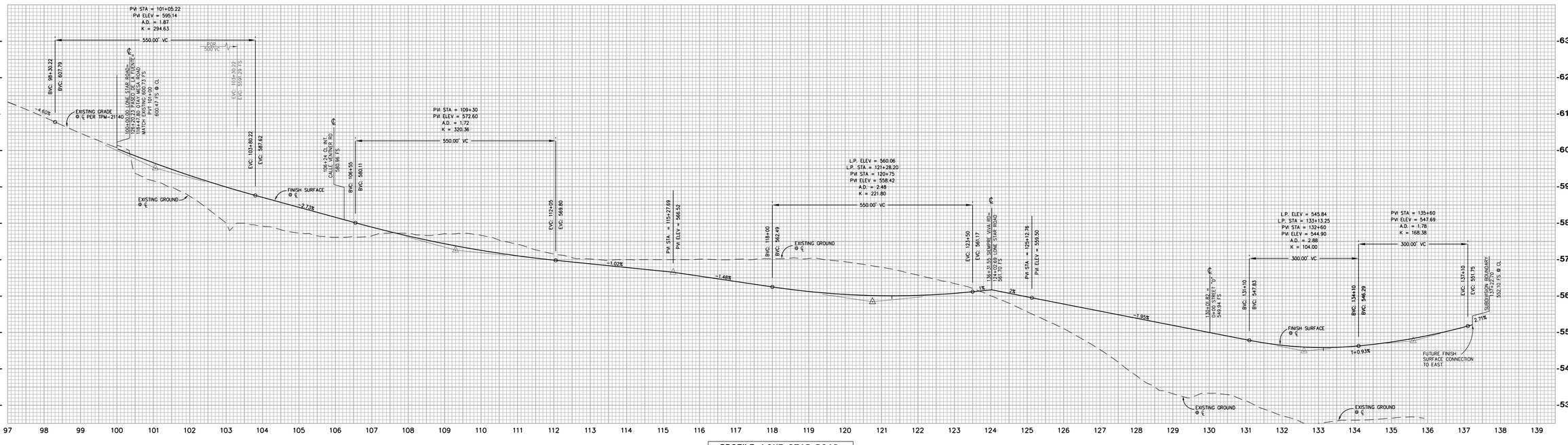
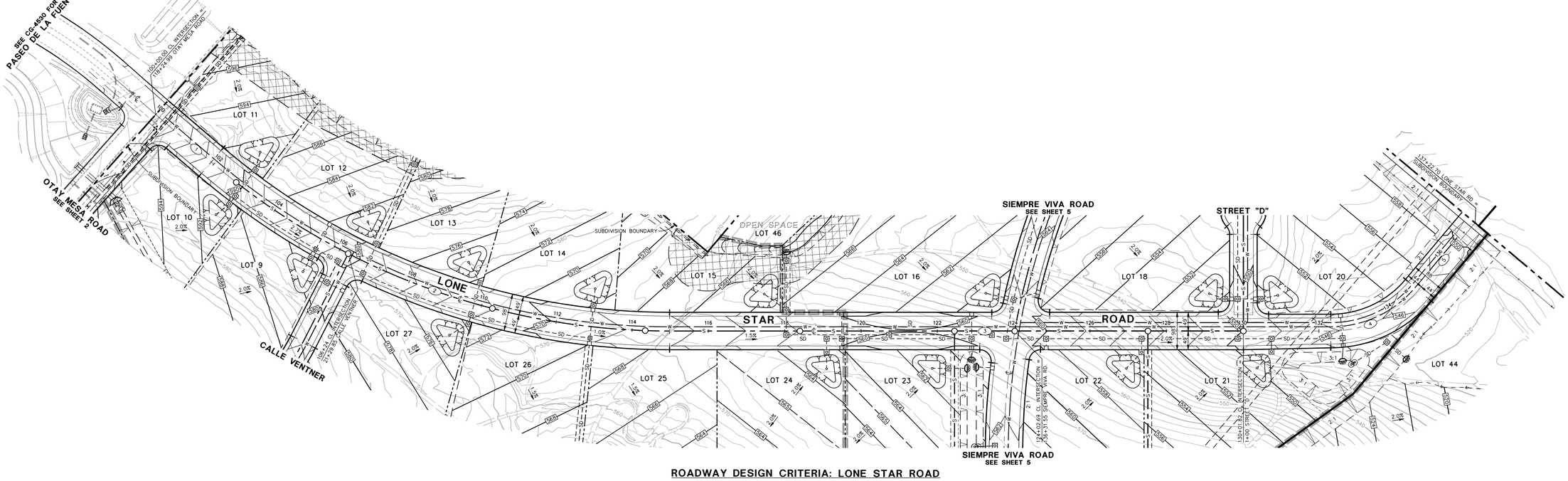
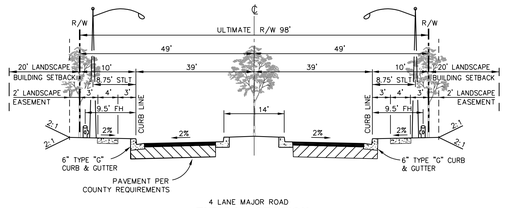


PROFILE: LONE STAR ROAD
SCALE: 1"= 100' HORIZ.; 1"= 10' VERT.



ROADWAY DESIGN CRITERIA: LONE STAR ROAD

PROPOSED CLASSIFICATION: MAJOR ROAD AND GATEWAY TO SIEMPRE VIVA ROAD
INDUSTRIAL/COMMERCIAL COLLECTION SOUTH OF SIEMPRE VIVA ROAD
RIGHT OF WAY: 98FT
DESIGN SPEED: 55 MPH
SLOPE GRADIENT: 2:1 MAX
INTERIM SLOPES: 2:1 MAX



4 LANE MAJOR ROAD
TYPICAL SECTION
LONE STAR ROAD (NORTH OF SIEMPRE VIVA ROAD)
NO SCALE

NOTE:
ROAD DESIGN SHOWN FOR ROUTE STUDY ALIGNMENT AND GRADE ONLY.

CENTERLINE DATA

NO.	BEARING-DELTA	RADIUS	LENGTH	REMARKS
1	N00°16'30"W	---	191.32'	--
2	Δ=40°28'28"	1850.00'	1306.86'	--
3	N40°44'58"W	--	1732.63'	--
4	Δ=49°55'17"	300.00'	261.39'	--
5	N89°19'44"E	--	230.51'	--

SCALE: 1"= 100'

0 50 100 200 300
SCALE: 1" = 100'

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COUNTY OF SAN DIEGO TRACT 5405R
OTAY CROSSINGS COMMERCE PARK
EAST OTAY MESA, CALIFORNIA

PRELIMINARY ROUTE STUDY
LONE STAR ROAD

DATE: 12/20/12
SCE NO. 03043.08
SHEET 7
7 OF 11 SHEETS

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OFFSITE RIGHT-OF-WAY EXHIBIT

FOR MITIGATED OFF-SITE ROADWAY IMPROVEMENTS

COUNTY OF SAN DIEGO TRACT T.M. 5405 RPL7R

RIGHT-OF-WAY DEDICATION LEGEND

- EXISTING RIGHT-OF-WAY / I.O.D.
- EXISTING OTAY WATER DISTRICT OWNERSHIP... O.W.D. TO EXECUTE JOINT USE (COUNTY HIGHWAY) AGREEMENT WITH COUNTY OF SAN DIEGO.
- TM 5405 DEDICATION
- COUNTY OF SAN DIEGO / CITY OF SAN DIEGO BOUNDARY

SCALE: 1"=100'

PIPER RANCH ROAD
CITY OF SAN DIEGO
COUNTY OF SAN DIEGO
SR-125
TPM 21046
APN 646-240-48
COUNTY OF SAN DIEGO
CITY OF SAN DIEGO
2,670'
CITY OF SAN DIEGO
ROLL TRUST
APN 646-121-09
HARVEST ROAD
SUBDIVISION BOUNDARY TM 5139
OTAY MESA ROAD
APPROVED TM 5139
SUNROAD OTAY PARTNERS, LP
LOT 1
LOT 8
LOT 9
LOT 10
LOT 11
LOT 12
SUNROAD BLVD.
EX 88' R/W
FUTURE 110' R/W SUNROAD BLVD
SANYO ROAD
APN 646-130-48
MAP 11667
LOT 1
LOT 8
MATCHLINE-SEE BELOW LEFT

MATCHLINE-SEE ABOVE RIGHT
APPROVED TM 5139
LOT 13
LOT 14
LOT 15
SUNROAD OTAY PARTNERS, LP
VANN CENTRE BLVD. (FUTURE)
EXIST I.O.D. FOR PUBLIC HWY PER DOC. 2012-0214707 REC. 04/12/2012
EXIST I.O.D. FOR PUBLIC HWY PER DOC. 2012-0247495 REC. 04/27/2012
RABAGO INVESTMENT GROUP
TM 5568
APPROVED
LOT 1
LOT 2
FUTURE 72' RIGHT-OF-WAY AS CONDITIONED PER TM 5568
MICHAEL FARADAY DR. (FUTURE)
LOT 16
LOT 19
EXIST I.O.D. FOR PUBLIC HWY PER DOC. 2012-0247493 REC. 04/27/2012
EXIST I.O.D. FOR PUBLIC HWY PER DOC. 2008-0394491 REC. 07/23/2008
ENRICO FERMI DR. (FUTURE)
APN 648-040-14
ROWLAND PROPERTY
MUP 03-001
EXIST I.O.D. FOR PUBLIC HWY PER DOC. 2012-0183852 REC. 03/29/2012
MAP 11667
LOT 8
EXIST I.O.D.'S FOR PUBLIC HWY PER (1) DOC. 2011-0419958 REC. 08/16/2011 (2) DOC. 2011-0481323 REC. 09/16/2011
DILLARD DEVELOPMENT
TM 5394
APPROVED
LOT 1
LOT 2
LOT 3
LOT 4
LOT 13
LOT 14
LOT 15
LOT 16
FUTURE 61' W'LY RIGHT-OF-WAY AS CONDITIONED PER TM 5394
EXIST I.O.D. FOR PUBLIC HWY PER DOC. 2011-0481324 REC. 09/16/2011
ENRICO FERMI DRIVE
APN 648-070-09
T.P.O. LLC
SEC 13 T.18S R.1E SBM
TPM 20414
MUP 98-024W
CITY OF SAN DIEGO
COUNTY OF SAN DIEGO
ROLL COMMERCE DRIVE

MATCHLINE-SEE ABOVE RIGHT
APN 648-040-13
FONG HSU TRUST
MUP P00-012
ROWLAND PROPERTY
OTAY MESA ROAD
EXIST EASEMENT FOR COUNTY HWY PER (1) DOC. 2005-0819333 REC. 09/22/2005 (2) DOC. 2011-0251783 REC. 05/16/2011
ALTA ROAD
EXIST I.O.D. FOR PUBLIC HWY PER DOC. 2011-0550590 REC. 10/19/2011
APN 648-040-35
O M C PROPERTIES, LLC
TPM 21140
APPROVED
FUTURE 49' RIGHT-OF-WAY AS CONDITIONED PER TPM 21140
EXIST I.O.D. FOR SLOPES AND DRAINAGE PER DOC. 2011-0550501 REC. 10/19/2011
PASEO DE LA FUENTA
APN 648-040-36
E O M BATCH PLANT, LP
APN 648-040-40
D & D LANDHOLDINGS
SUBDIVISION BOUNDARY TM 5405
EXIST I.O.D. FOR PUBLIC HWY PER DOC. 2011-0481321 REC. 09/16/2011
EXIST I.O.D. FOR PUBLIC HWY PER DOC. 2011-0481322 REC. 09/16/2011
EXIST. 30' OTAY WATER DISTRICT EASEMENT AND OWNERSHIP (APN 648-070-18) JOINT USE AGREEMENT TO BE EXECUTED WITH COUNTY OF SAN DIEGO
APN 648-070-33
COPART
MUP P88-020W
APN 648-070-18
OTAY WATER DIST.
TM 5405
LOT 1
LOT 2
LOT 3
LOT 4
LOT 5
LOT 6
LOT 7
LOT 8
LOT 9
LOT 10
LOT 11
LOT 12
LOT 13
LOT 47
STREET "A"
LONE STAR ROAD
EXIST I.O.D. FOR PUBLIC HWY PER DOC. 2011-0481325 REC. 09/16/2011
APN 648-070-34
INTERNATIONAL INDUSTRIAL PARK, INC.
APN 648-080-13
D & D LANDHOLDINGS
ALTA ROAD
CALLE VENTNER
LONE STAR ROAD
SEE SHEET 9

0 50 100 200 300
SCALE: 1" = 100'

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COUNTY OF SAN DIEGO TRACT 5405R
OTAY CROSSINGS COMMERCE PARK
EAST OTAY MESA, CALIFORNIA

RIGHT-OF-WAY EXHIBIT FOR MITIGATED OFF-SITE ROADWAY IMPROVEMENTS (CIRCULATION ELEMENT ROADWAYS)

SCALE: 1"=100'

DATE: 12/20/12
SCE NO. 0304.3.08
SHEET 8
8 OF 11 SHEETS

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OFFSITE RIGHT-OF-WAY EXHIBIT

FOR MITIGATED OFF-SITE ROADWAY IMPROVEMENTS

COUNTY OF SAN DIEGO TRACT T.M. 5405R

RIGHT-OF-WAY DEDICATION LEGEND

- REQUIRED RIGHT-OF-WAY / I.O.D. TO BE ACQUIRED
- EXISTING RIGHT-OF-WAY / I.O.D.
- EXISTING OTAY WATER DISTRICT OWNERSHIP, O.W.D. TO EXECUTE JOINT USE (COUNTY HIGHWAY) AGREEMENT WITH COUNTY OF SAN DIEGO.
- TM 5405 DEDICATION

COUNTY OF SAN DIEGO / CITY OF SAN DIEGO BOUNDARY

ALTA ROAD SEE SHEET 8

APN 648-070-33
COPART
MUP P88-020W

EXIST. I.O.D. FOR PUBLIC HWY PER DOC. 2011-0481322 REC. 09/16/2011

SCALE: 1"=100'

APN 648-070-14
FARIDA

ROAD

APN 648-070-18
OTAY WATER DIST.

EXIST. 30' OTAY WATER DISTRICT EASEMENT AND OWNERSHIP (APN 648-070-18). JOINT USE AGREEMENT TO BE EXECUTED WITH COUNTY OF SAN DIEGO

ALTA

SUBDIVISION BOUNDARY TM 5405

LOT 36 | LOT 42 | LOT 41 | STREET "C" | LOT 37 | LOT 38 | LOT 39 | LOT 40

TM 5405

LOT 43

FUTURE SR-11

LOT 25 | LOT 24 | LOT 23

LONE STAR ROAD SEE SHEET 8

LOT 16

LONE STAR ROAD

VIVA

ROAD

LOT 44

SIEMPRE

APN 648-070-14
FARIDA

ULTIMATE RIGHT-OF-WAY

ULTIMATE RIGHT OF WAY

EXIST. EASEMENT FOR COUNTY HWY PER DOC. 2011-0550502 REC. 10/19/2011

FUTURE AIRWAY ROAD (BY OTHERS)

EXIST. EASEMENT FOR COUNTY HWY PER DOC. 2012-0540244 REC. 09/07/2012

SUBDIVISION BOUNDARY TM 5405

EXIST. I.O.D. FOR PUBLIC HWY PER DOC. 2011-0492241 REC. 09/22/2011

ROAD

EXIST. 20' WIDE I.O.D. FOR SEWER TO COUNTY OF S.D. PER DOC. 2011-0492242 REC. 09/22/2011

FUTURE

TM 5505

EXIST. I.O.D. FOR PUBLIC HWY PER DOC. 2011-0492241 REC. 09/22/2011

APN 648-070-17
HAWANO CORP. N.V.

ULTIMATE RIGHT OF WAY

ALTA

49' I.O.D. FOR PUBLIC HIGHWAY DEDICATION WITH RIGHTS TO EXTEND SLOPES & MAINTAIN DRAINAGE PER DOC _____ REC _____

EXIST. 30' OTAY WATER DISTRICT EASEMENT AND OWNERSHIP (APN 648-070-18). JOINT USE AGREEMENT TO BE EXECUTED WITH COUNTY OF SAN DIEGO

AIRWAY (BY OTHERS)

APN 648-070-21
OTAY BUSINESS PARK
SEC 31 T.18S R.1E SBM

EXIST. EASEMENT FOR COUNTY HWY PER DOC. 2012-0540244 REC. 09/07/2012

TM 5505

ROAD

TM 5505

ULTIMATE RIGHT-OF-WAY

ULTIMATE RIGHT-OF-WAY

VIVA

ROAD

APN 648-070-21
OTAY BUSINESS PARK
SEC 31 T.18S R.1E SBM

APN 648-070-17
HAWANO CORP. N.V.

SIEMPRE (BY OTHERS)

FUTURE

EXIST. EASEMENT FOR COUNTY HWY PER DOC. 2012-0540244 REC. 09/07/2012

SIEMPRE | VIVA | ROAD

MATCHLINE-SEE ABOVE RIGHT

APN 648-070-17
HAWANO CORP. N.V.

EXIST. EASEMENT FOR COUNTY HWY PER DOC. 2012-0540244 REC. 09/07/2012

SCALE: 1"=100'

APN 648-070-30
RLR CARRIERS
RLR INVESTMENTS LLC

APN 648-070-29

ENRICO FERMI DRIVE

ULTIMATE RIGHT-OF-WAY

SIEMPRE

EXISTING EASEMENT FOR COUNTY HIGHWAY PER DOC. 2004-0535015 REC. 07/01/2004

AIRWAY PLACE

APN 648-070-17
HAWANO CORP. N.V.

EXISTING 36' I.O.D.

EXISTING 36' RIGHT-OF-WAY

EXIST. EASEMENT FOR COUNTY HWY PER DOC. 2012-0540244 REC. 09/07/2012

VIVA ROAD

STATE OF CALIFORNIA

APN 648-070-17
HAWANO CORP. N.V.

MATCHLINE-SEE BELOW LEFT

0 50 100 200 300
SCALE: 1" = 100'

STEVENS CRESTO ENGINEERING, INC.
CIVIL ENGINEERS · LAND PLANNERS · SURVEYORS
7646 CHESAPEAKE DRIVE
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COUNTY OF SAN DIEGO TRACT 5405R
OTAY CROSSINGS COMMERCE PARK
EAST OTAY MESA, CALIFORNIA

RIGHT-OF-WAY EXHIBIT FOR MITIGATED OFF-SITE ROADWAY IMPROVEMENTS (CIRCULATION ELEMENT ROADWAYS)

DATE: 12/20/2012
SCE NO. 0304.3.08
SHEET 9
9 OF 11 SHEETS

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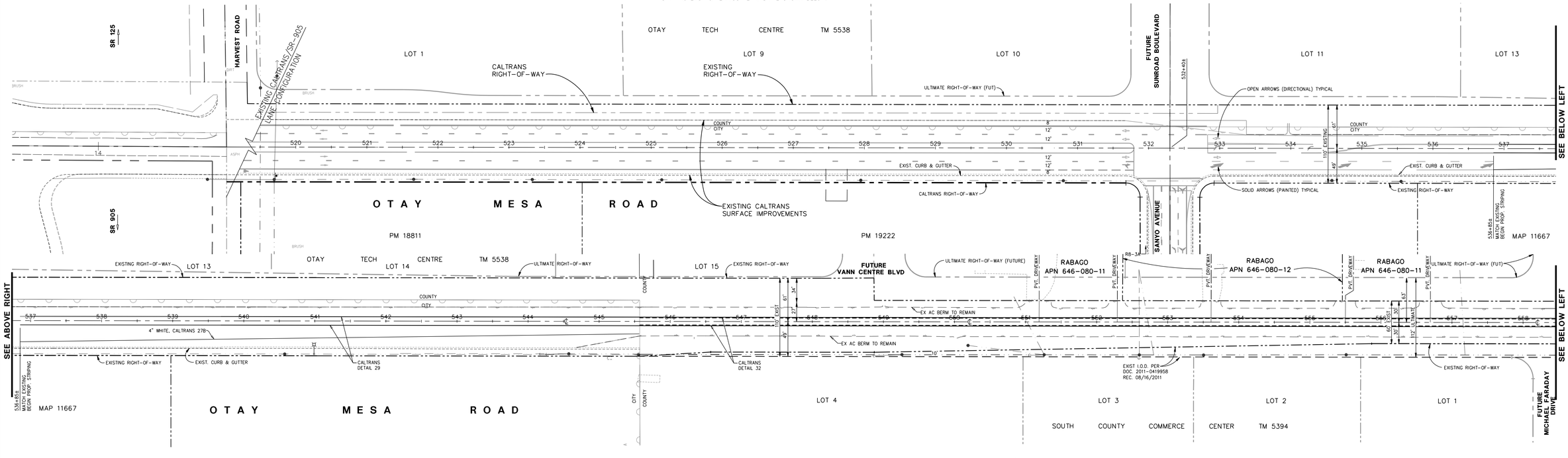
OTAY MESA ROAD INTERIM STRIPING PLAN

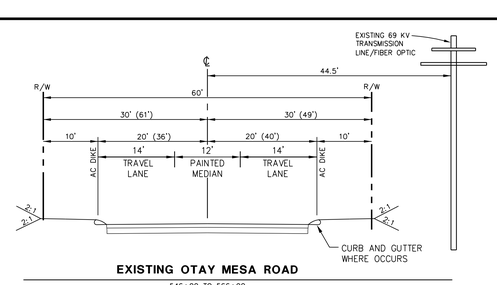
COUNTY OF SAN DIEGO TRACT T.M. 5405R

SCOPE OF WORK

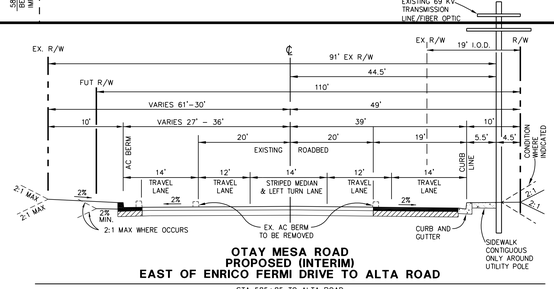
RE-STRIPING OF OTAY MESA ROAD PROVIDING 2-14' DRIVE LANES AND A 12' PAINTED MEDIAN (TWO WAY LEFT TURN LANE) FROM SANYO AVENUE TO ENRICO FERMI DRIVE.
NOTE: STRIPING SHOWN HERE-ON (WEST OF ENRICO FERMI DRIVE) HAS BEEN INCORPORATED FROM "SIGNING AND STRIPING PLAN FOR: OTAY MESA ROAD - SANYO AVENUE TO ENRICO FERMI DRIVE; COUNTY OF SAN DIEGO GRADING PLAN L-15597. STRIPING EAST OF ENRICO FERMI DRIVE SHOWN BELOW.



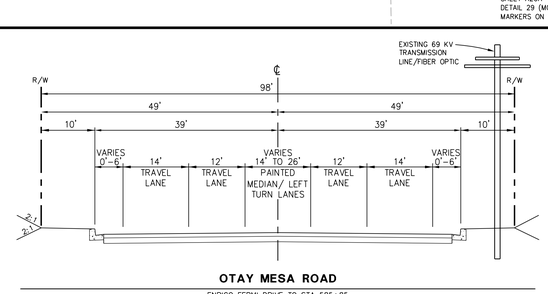
NOTE:
ALL CURB RETURN RADIUS SHOWN ARE 40 FEET MINIMUM PER COUNTY OF SAN DIEGO PUBLIC ROAD STANDARDS (UNLESS NOTED OTHERWISE)



EXISTING OTAY MESA ROAD
546+00 TO 566+90
566+90 TO ENRICO FERMI DRIVE
(ADDITIONAL SOUTH BOUND WIDENING FOR SHARED THROUGH/RIGHT TURN LANE)
NO SCALE



OTAY MESA ROAD
PROPOSED (INTERIM)
EAST OF ENRICO FERMI DRIVE TO ALTA ROAD
STA 585+85 TO ALTA ROAD
NO SCALE



OTAY MESA ROAD
ENRICO FERMI DRIVE TO STA 585+85
NO SCALE

SCALE: 1"=50'
0 25 50 100 150
SCALE: 1" = 50'

NOTE:
ROAD DESIGN SHOWN FOR ROUTE STUDY ALIGNMENT AND GRADE ONLY.

STEVENS CRESTO ENGINEERING, INC.
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COUNTY OF SAN DIEGO TRACT 5405R
OTAY CROSSINGS COMMERCE PARK
EAST OTAY MESA, CALIFORNIA

OTAY MESA ROAD (SANYO AVENUE TO ALTA ROAD)
INTERIM STRIPING (DIRECT IMPACTS)
PRELIMINARY ROUTE STUDY
(CIRCULATION ELEMENT ROADWAYS)

DATE: 12/20/2012
SCE NO. 0304.3.08
SHEET **10**
10 OF 11 SHEETS

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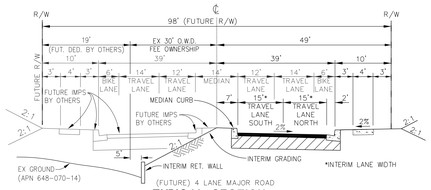
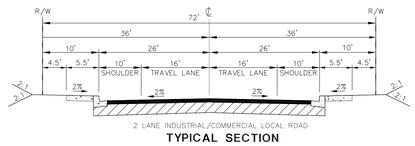
MITIGATED STRIPING PLAN
COUNTY OF SAN DIEGO TM 5405R



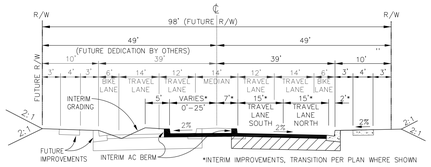
(FUTURE) 4 LANE MAJOR ROAD
TYPICAL SECTION
ALTA ROAD SOUTH OF CALLE VENTNER TO (FUTURE) AIRWAY ROAD
NO SCALE

A / 11



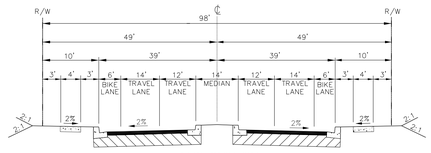
2 LANE INDUSTRIAL/COMMERCIAL LOCAL ROAD
TYPICAL SECTION
CALLE VENTNER
STREETS "A", "B", "C" AND "D"
NO SCALE

B / 11



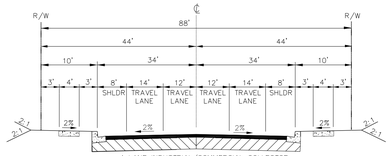
(FUTURE) 4 LANE MAJOR ROAD
TYPICAL SECTION
ALTA ROAD
NO SCALE

C / 11



4 LANE MAJOR ROAD
TYPICAL SECTION
LONE STAR ROAD (NORTH OF SIEMPRE VIVA ROAD)
OTAY MESA ROAD (EAST OF ALTA ROAD)
SIEMPRE VIVA ROAD (WEST OF LONE STAR ROAD)
NO SCALE

D / 11



4 LANE INDUSTRIAL/COMMERCIAL COLLECTOR
TYPICAL SECTION
SIEMPRE VIVA ROAD (EAST OF LONE STAR ROAD)
LONE STAR ROAD (SOUTH OF STREET "D")
NO SCALE

E / 11

CALTRANS PAVEMENT MARKING LEGEND

- (24A) TYPE VI ARROW "RIGHT LANE SHIFT" TYPE IV (L) TURN ARROW TYPE IV (R) TURN ARROW
- (27B) 4" WHITE STRIPE "EDGE OF TRAVELED WAY"
- (38) 8" WHITE STRIPE WITH REFLECTORS "THROUGH TRAFFIC"
- (25A) 4" YELLOW WITH REFLECTORS "EDGE OF TRAVELED WAY"
- (24B) STOP "PAVEMENT MARKING"
- (22) DETAIL 22; A20A, "NO PASSING ZONE – TWO DIRECTION"
- (24B) PAVEMENT MARKING "SPEED LIMIT"

FONG GARY, WRIGHT GAIL TRUST
648-040-13
INSURANCE AUTO AUCTIONS
MUP P00-012

OMC PROPERTIES
648-040-21
TPM 21140

OTAY MESA ROAD
SEE CONTINUATION SHEET 7

OTAY MESA ROAD

PASEO DE LA FUENTE

OTAY CROSSINGS TM 5405R

COMMERCE PARK

STREET "A"

LONE STAR ROAD

CALLE VENTNER

STREET "B"

UNIT 1

UNIT 2

UNIT 3

UNIT 4

SIEMPRE VIVA ROAD

STREET "C"

STREET "D"

ALTA ROAD

POSSIBLE FUTURE SR-11

AIRWAY ROAD

ENRICO FERMI DRIVE

648-070-34

KOULADJIAN
648-070-33
COPART-AUTO STORAGE & AUCTION
MUP P88-020

648-070-14
FARIDA

648-070-30
RLR CARRIERS
RLR INVESTMENTS LLC

648-070-29
RLR CARRIERS
RLR INVESTMENTS LLC

TM 5505

STATE OF CALIFORNIA

NOTE:
INTERIM, ALTA ROAD (OFF-SITE); GRADED TO FULL WIDTH. PAVEMENT/STRIPING IMPROVEMENTS ARE HALF WIDTH. SEE TYPICAL SECTION

NOTE:
INTERIM, ALTA ROAD AND SIEMPRE VIVA ROAD-WEST OF ALTA ROAD GRADED TO FULL WIDTH. PAVEMENT/STRIPING IMPROVEMENTS ARE HALF WIDTH. SEE TYPICAL SECTION

DESIGN EXCEPTION:
*POSTED SPEED LIMIT REDUCED TO 40 MPH – FROM ENRICO FIRMI DRIVE TO 700' EAST (FOR EAST BOUND TRAFFIC ONLY) PER COUNTY TRAFFIC PER APPROVAL LETTER DATED 12/20/2012

TRAFFIC LANE SHIFT
SIEMPRE VIVA ROAD
(WEST OF AIRWAY PLACE)
1"=80'

H / 11

SEE DETAIL H/11 ABOVE

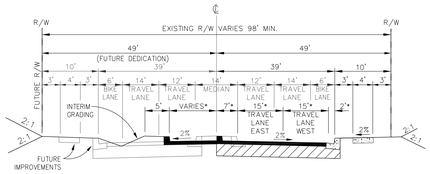
F / 11

LEGEND

DESCRIPTION	SYMBOL
PROPOSED LOT NUMBER / SUBDIVISION BOUNDARY	1 THRU 47
UNIT BOUNDARY	UNIT 1 / UNIT 2
PROPOSED LOT LINE	
PROPOSED RIGHT-OF-WAY	
PROPOSED SIGNALIZED INTERSECTION	S
EXISTING SIGNALIZED INTERSECTION	S

NOTES
1. LANE WIDTHS ARE 12' MINIMUM ADJACENT TO MEDIANS
2. MEDIANS ARE 14' WIDE (U.N.O.)
3. LEFT TURN POCKETS ARE 12' WIDE (U.N.O.)
4. LANES ADJACENT TO CURB ARE 14' WIDE MINIMUM (U.N.O.)

NOTE:
SEE TM 5405 FOR FULL DETAIL ON TYPICAL SECTIONS INCLUDING LANDSCAPE EASEMENTS



4 LANE MAJOR ROAD
TYPICAL SECTION
SIEMPRE VIVA ROAD (WEST OF ALTA ROAD)
NO SCALE

F / 11

STEVENS CRESTO ENGINEERING, INC.
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COUNTY OF SAN DIEGO TM 5405R
OTAY CROSSINGS COMMERCE PARK
EAST OTAY MESA, CALIFORNIA

ON-SITE ROADS AND OFF-SITE SIEMPRE VIVA ROAD
MITIGATED STRIPING (DIRECT IMPACTS)
PRELIMINARY ROUTE STUDY
(CIRCULATION ELEMENT ROADWAYS)

DATE: 12/20/2012
SCE NO. 03043.08
SHEET 11
11 OF 11 SHEETS

0 75 150 300 450
SCALE: 1" = 150'

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