

Appendix A

Level of Traffic Stress (LTS) of Mobility
Element – Build Out Conditions Maps
and Build Out Conditions with Draft Final
Bikeway Classifications Maps

Barona Ramona

Lake

Central Mountain

Crest-Dehesa

Jamul-Dulzura

Mountain Empire

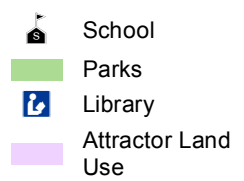
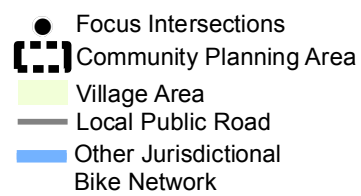
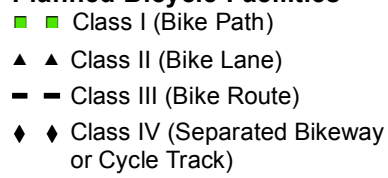
Mobility Element Road Network Bicycle LTS



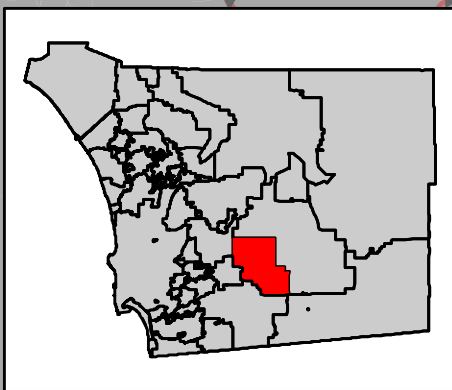
Intersection Bicycle LTS

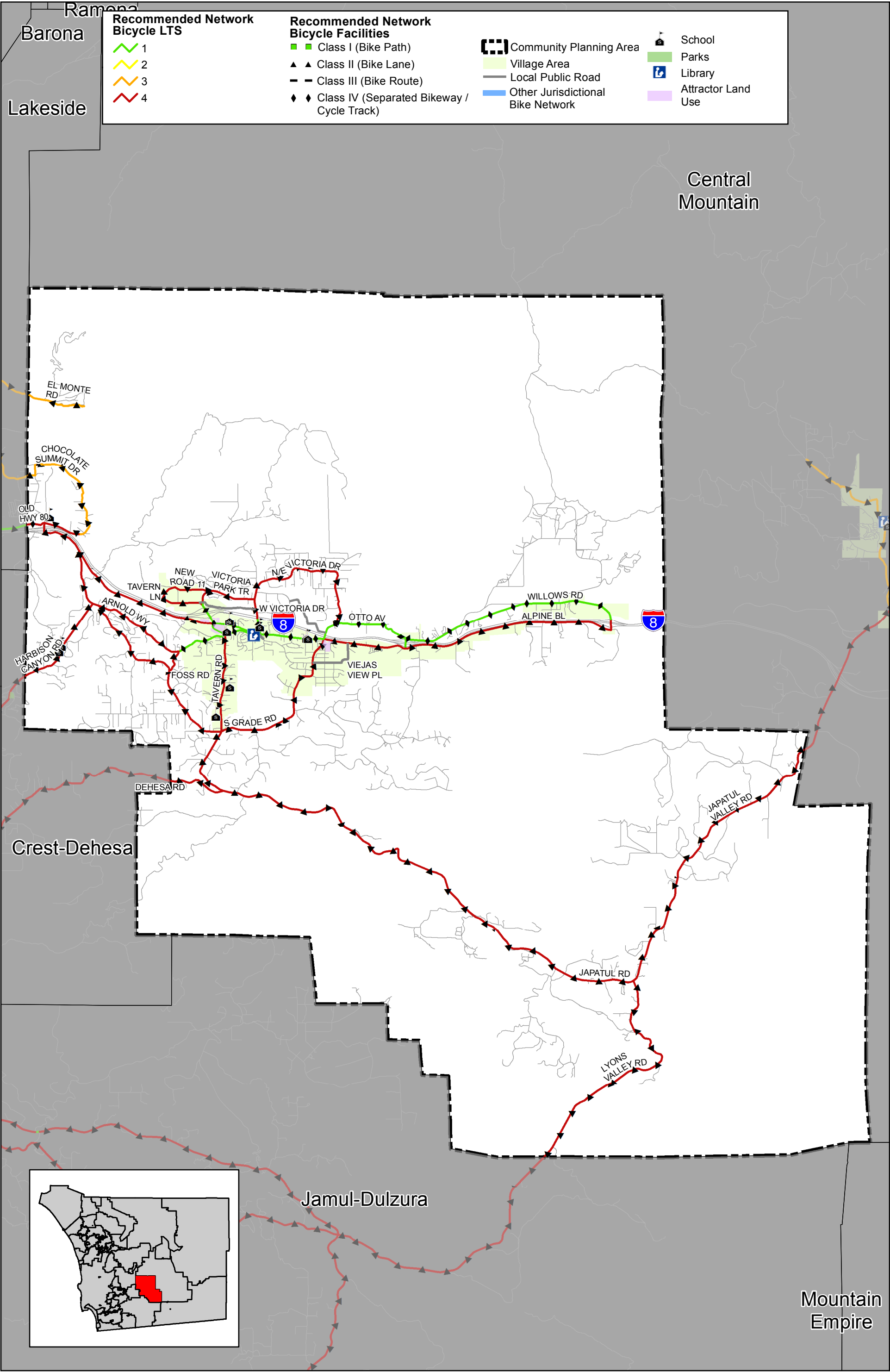


Mobility Element Network Planned Bicycle Facilities

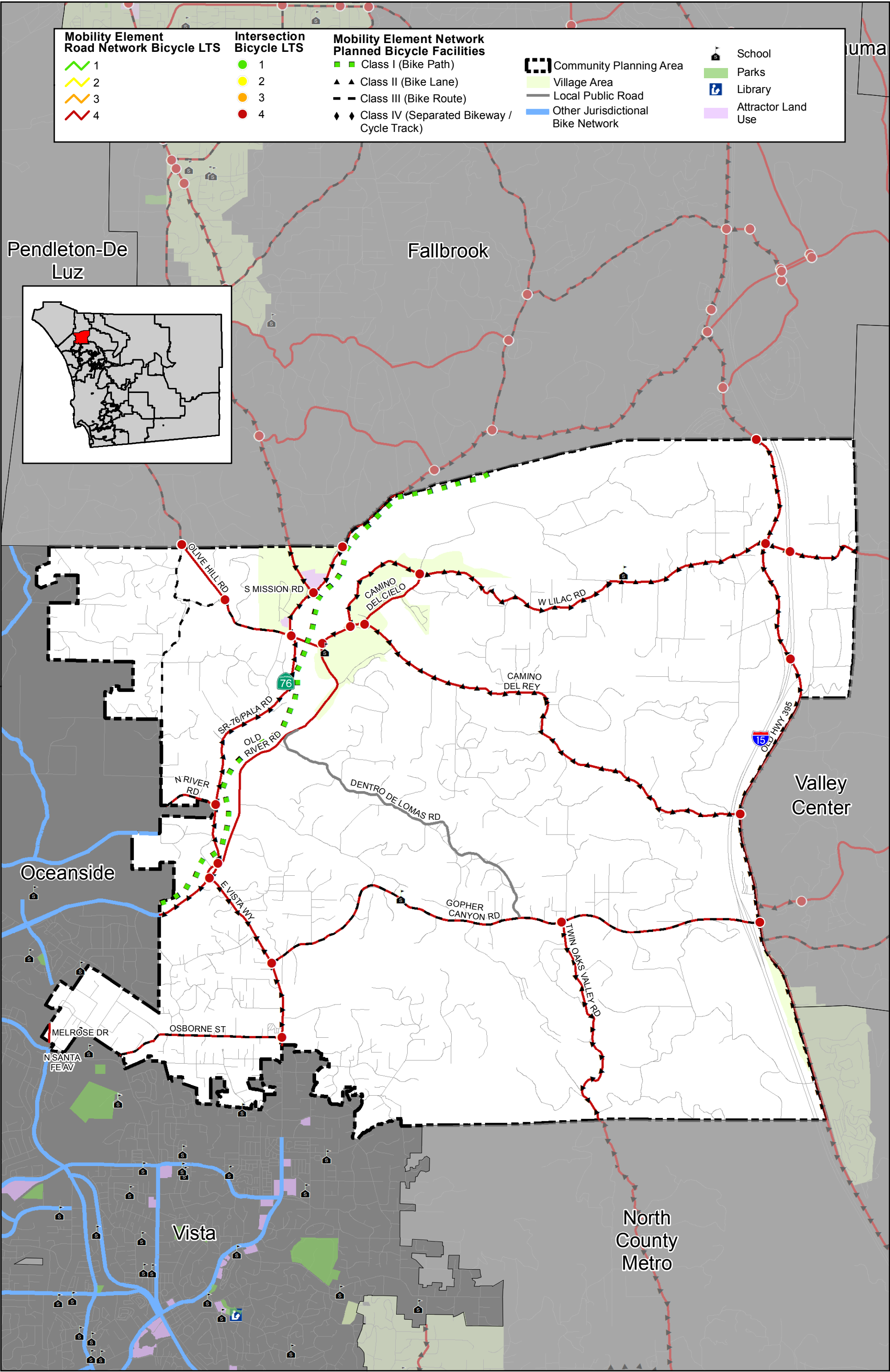


1/12/2017 JUN M:\data\148454\GIS\MXD\Traffic Stress\Communities\Set 2\Final MXD\Alpine\Alpine Set 2 LTS Template Layout.mxd

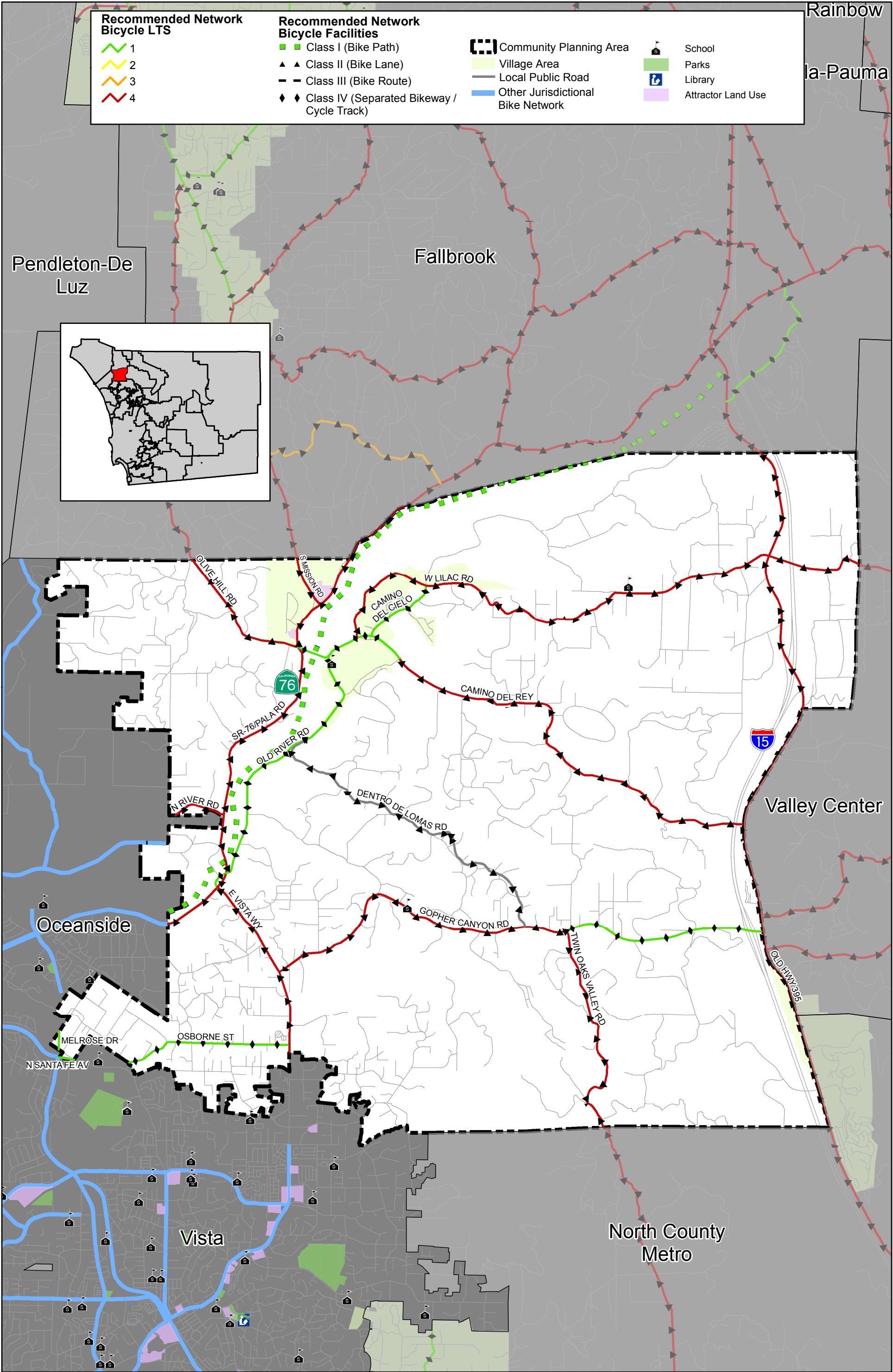




3/31/2017 J:\M\MapData\148454\GIS\MapXDTraffic Stress\Communities\Set 3\Final MXD\3Alpine\Alpine Set 3 LTS Template Layout.mxd







1/12/2017 J:\M:\Data\148454\GIS\MXD\Traffic Stress\Communities\Set 2\Final MXD\Bonsall\Bonsall Set 2 LTS.mxd







Pala-Pauma





**Mobility Element
Road Network Bicycle LTS**





 1
 2
 3
 4





**Intersection
Bicycle LTS**

 1
 2
 3
 4

**Mobility Element Network
Planned Bicycle Facilities**

 Class I (Bike Path)
 Class II (Bike Lane)
 Class III (Bike Route)
 Class IV (Separated Bikeway or Cycle Track)

 Community Planning Area
 Village Area
 Local Public Road
 Other Jurisdictional Bike Network

 School
 Parks
 Library
 Attractor Land Use

Mountain

Julian

Desert

Ramona

Barona

Lakeside

Alpine

Crest-Dehesa

Jamul-Dulzura

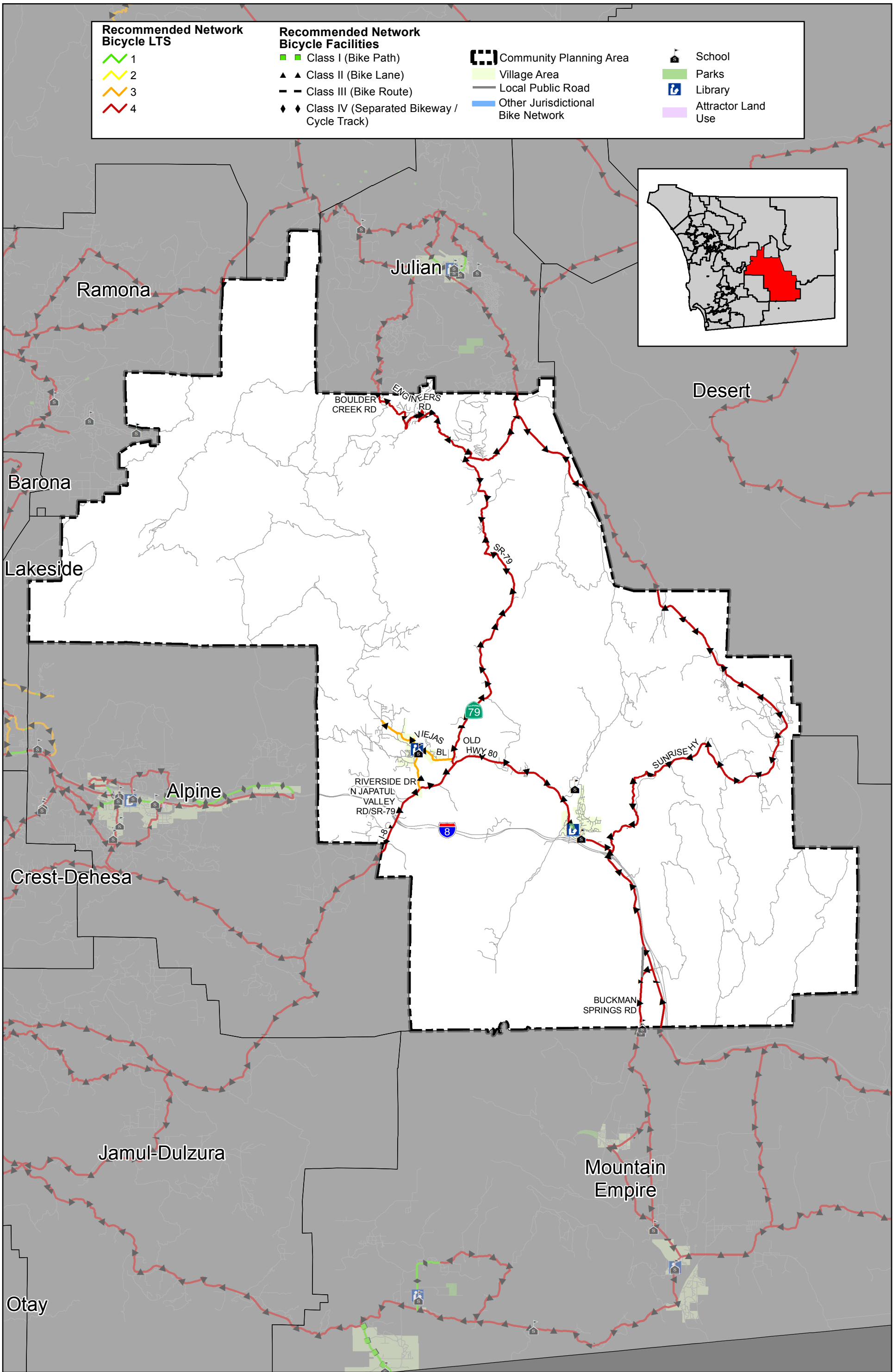
Mountain
Empire

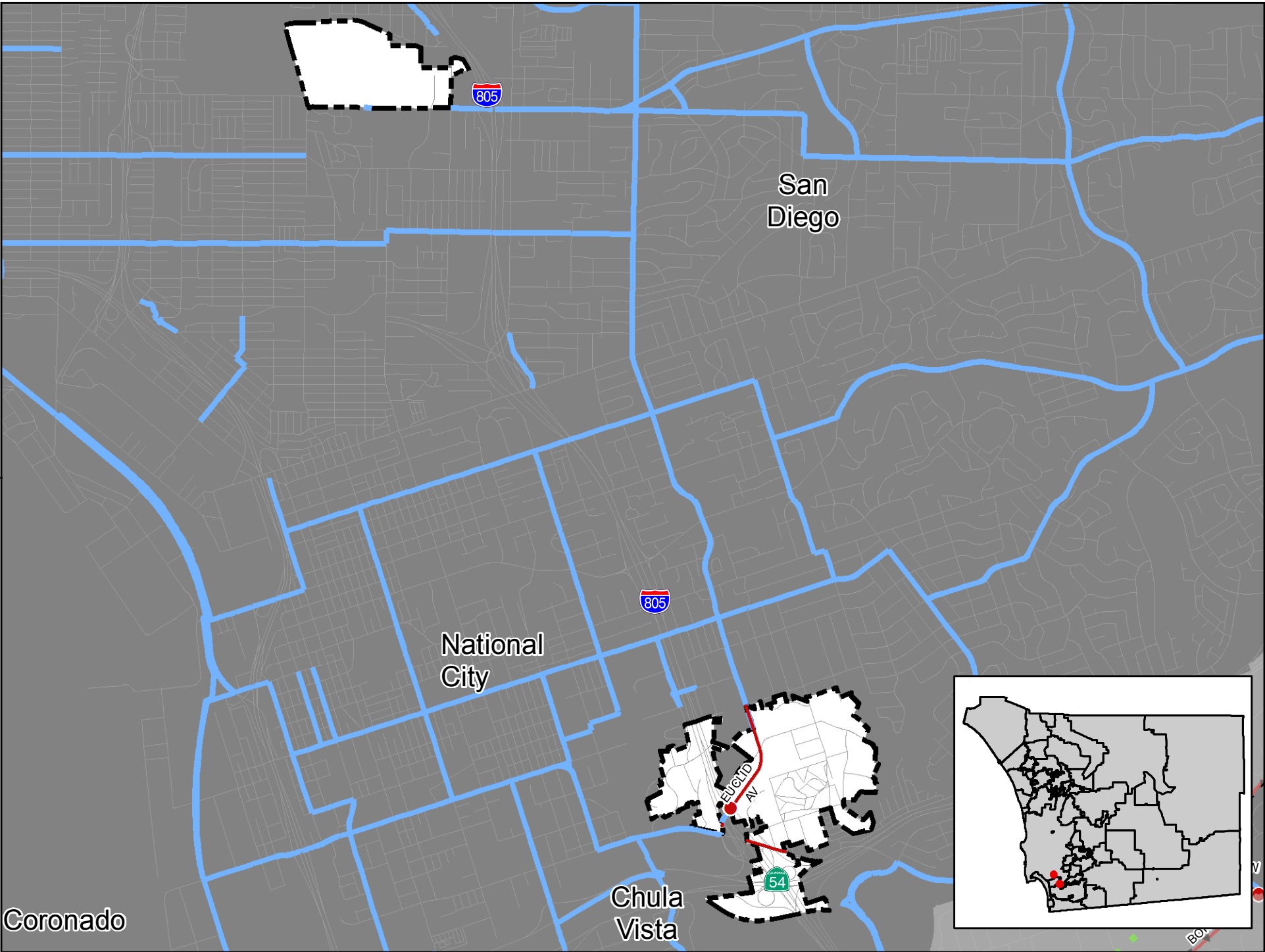
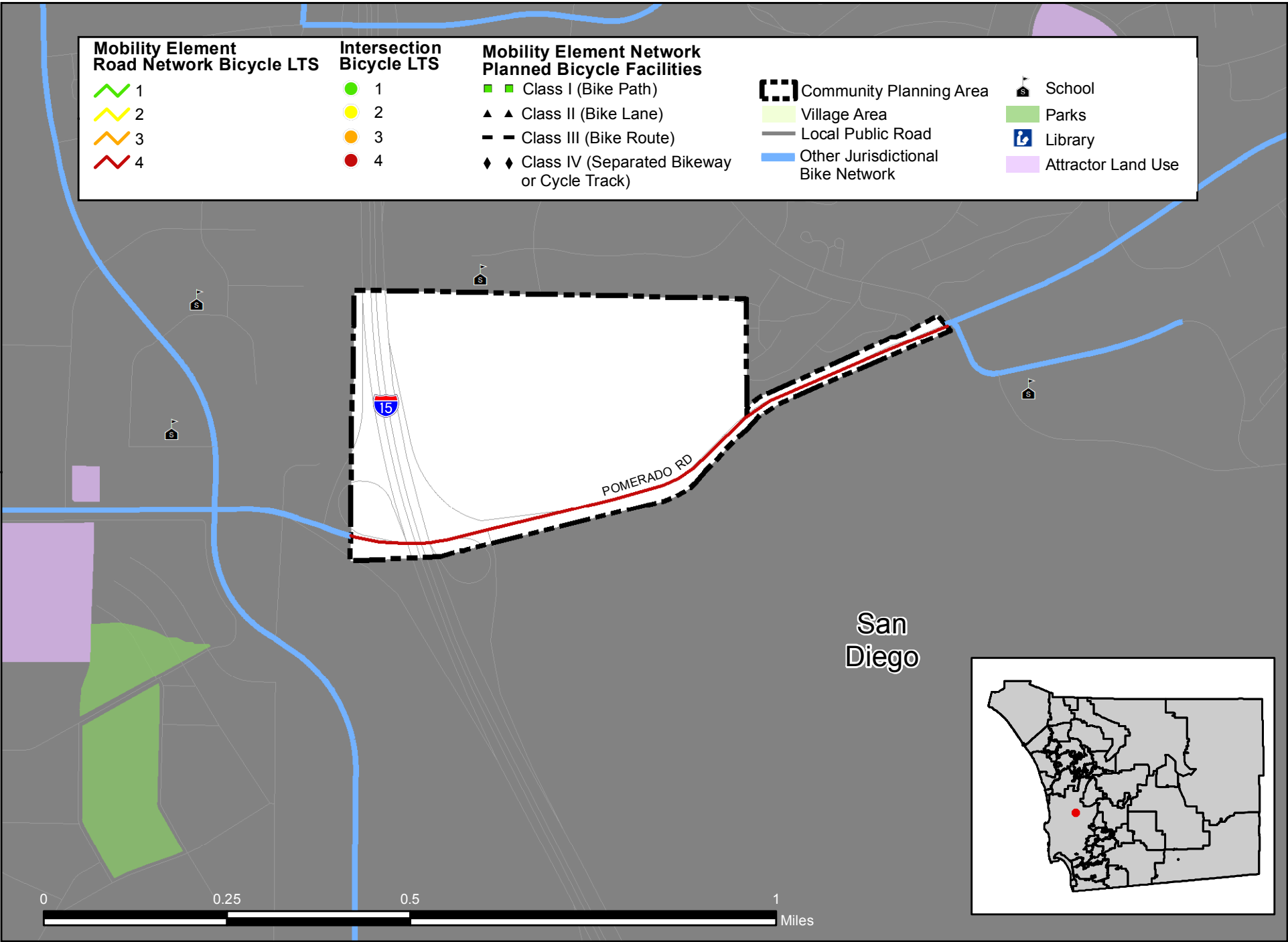
Otay

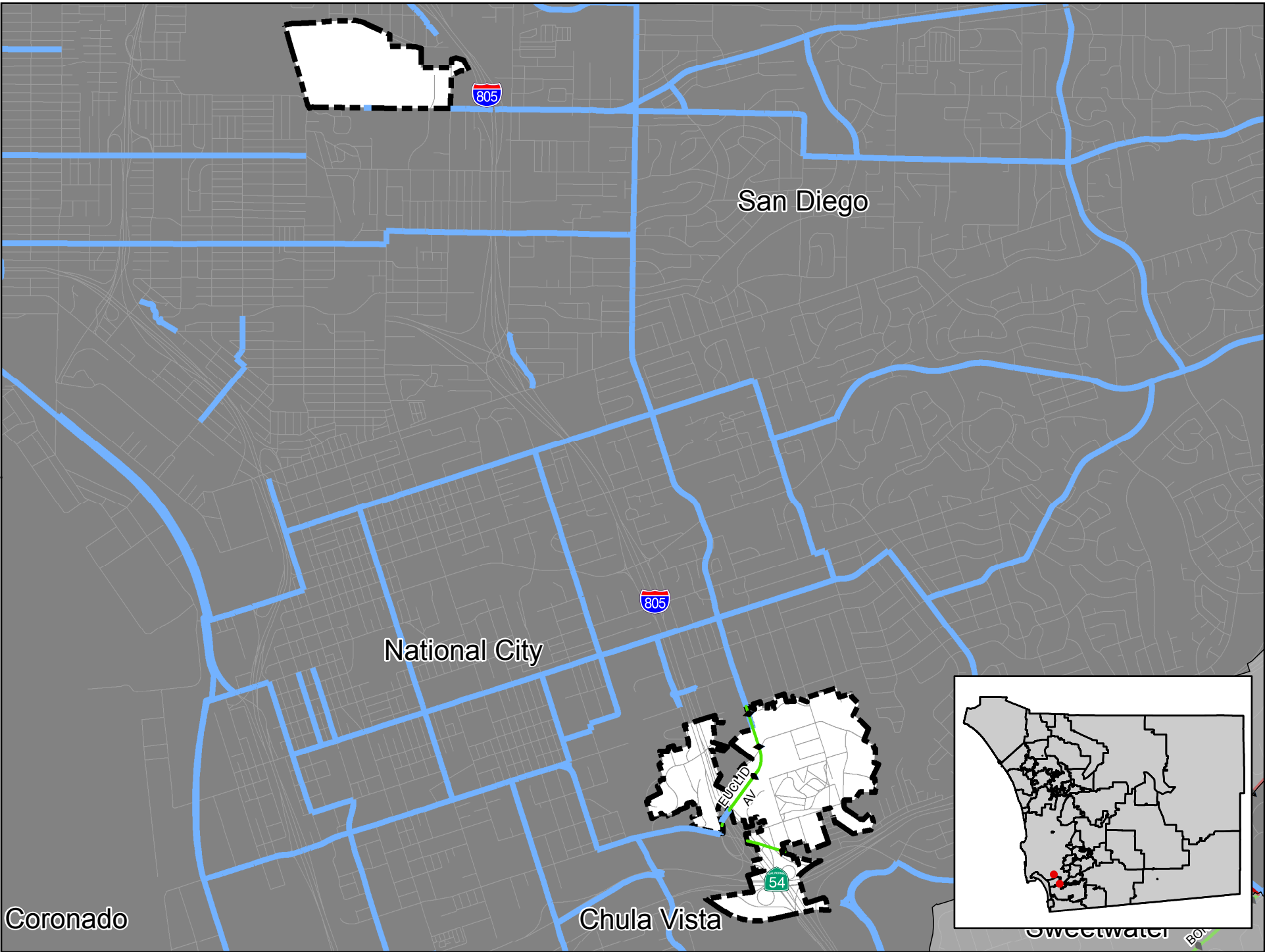
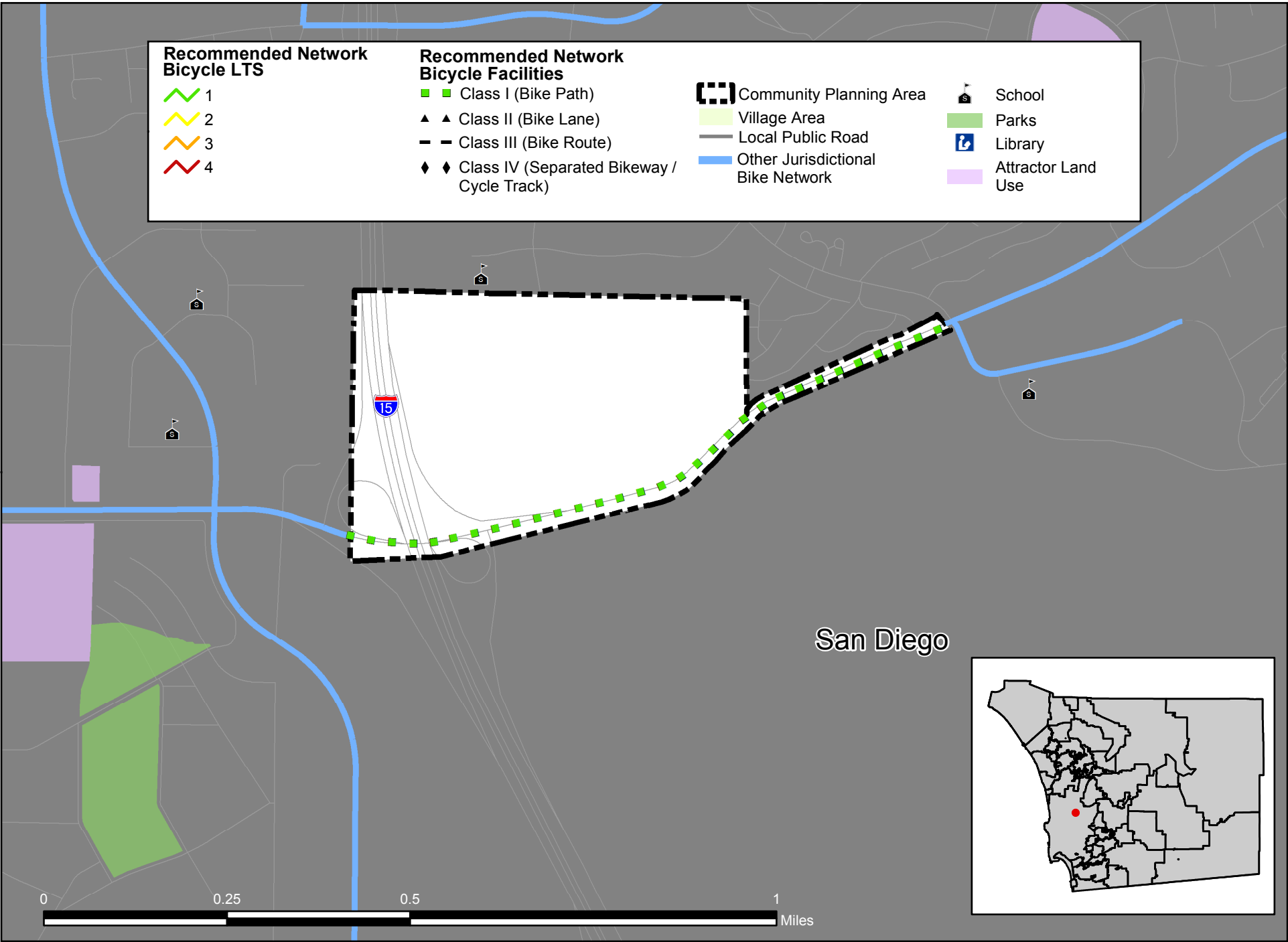
1/12/2017 J:\M:\Data\148454\GIS\MXD\Traffic Stress\Communities\Set 2\Final MXD\Central Mountain\Central Mountain Set 2 LTS Index Layout Portrait.mxd



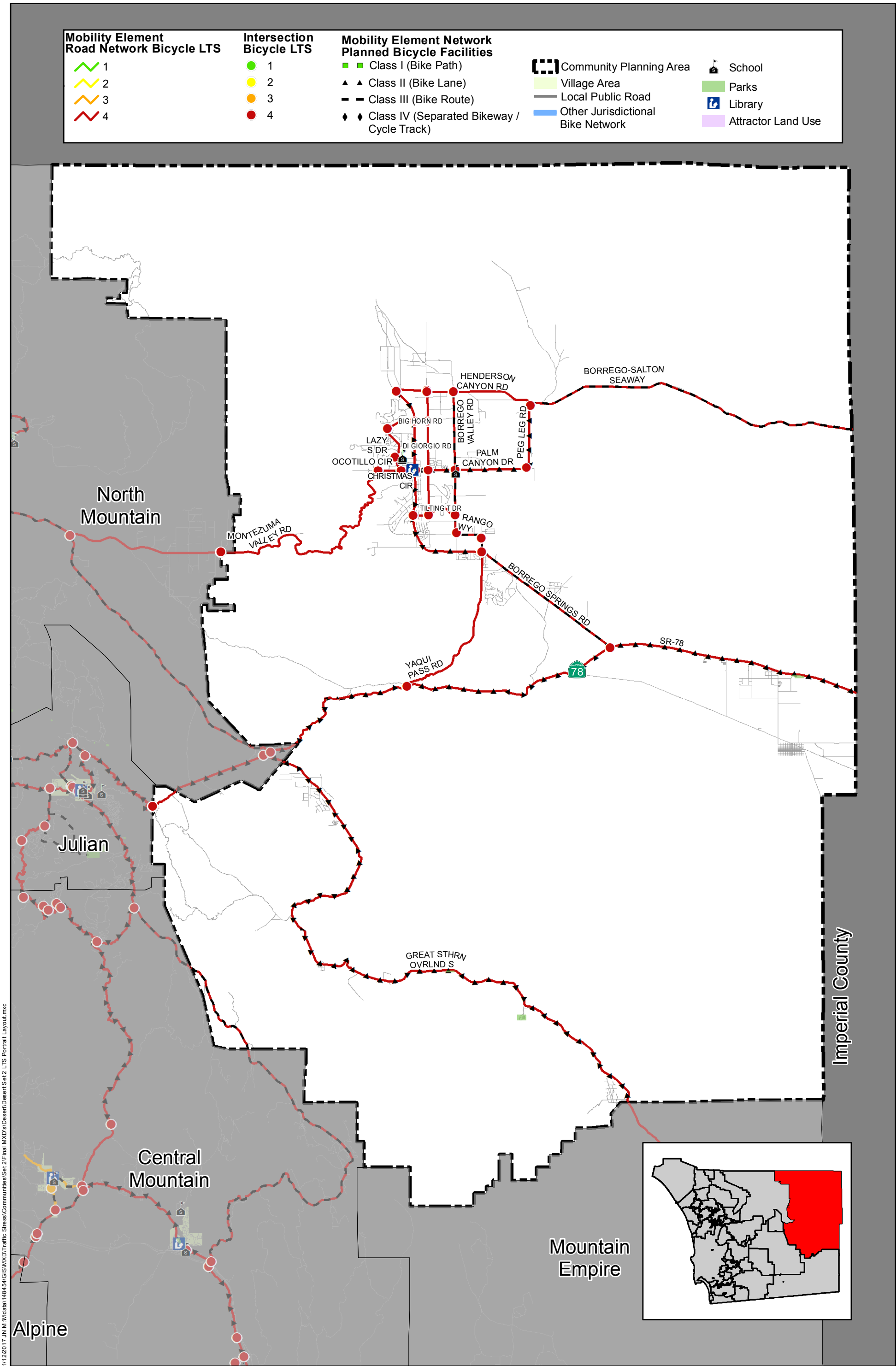
3/30/2017 J:\M\MapData\148454\GIS\MXD\Traffic Stress\Communities Set 3\Final MXD\Central Mountain\Central Mountain Set 3 LTS Index Layout Portrait.mxd







8/3/2018, 10:11:14 AM, 148454, GIS, MXD, Traffic Stress, Communities, Set 3, Final, MXD, San Diego County, Islands, County Islands, Set 3, LTS, Portrait, Layout, mxd



</

Recommended Network Bicycle LTS

1

2

3

4

Recommended Network Bicycle Facilities

■ Class I (Bike Path)

▲ Class II (Bike Lane)

— Class III (Bike Route)

◆ Class IV (Separated Bikeway / Cycle Track)

Community Planning Area

Village Area

Local Public Road

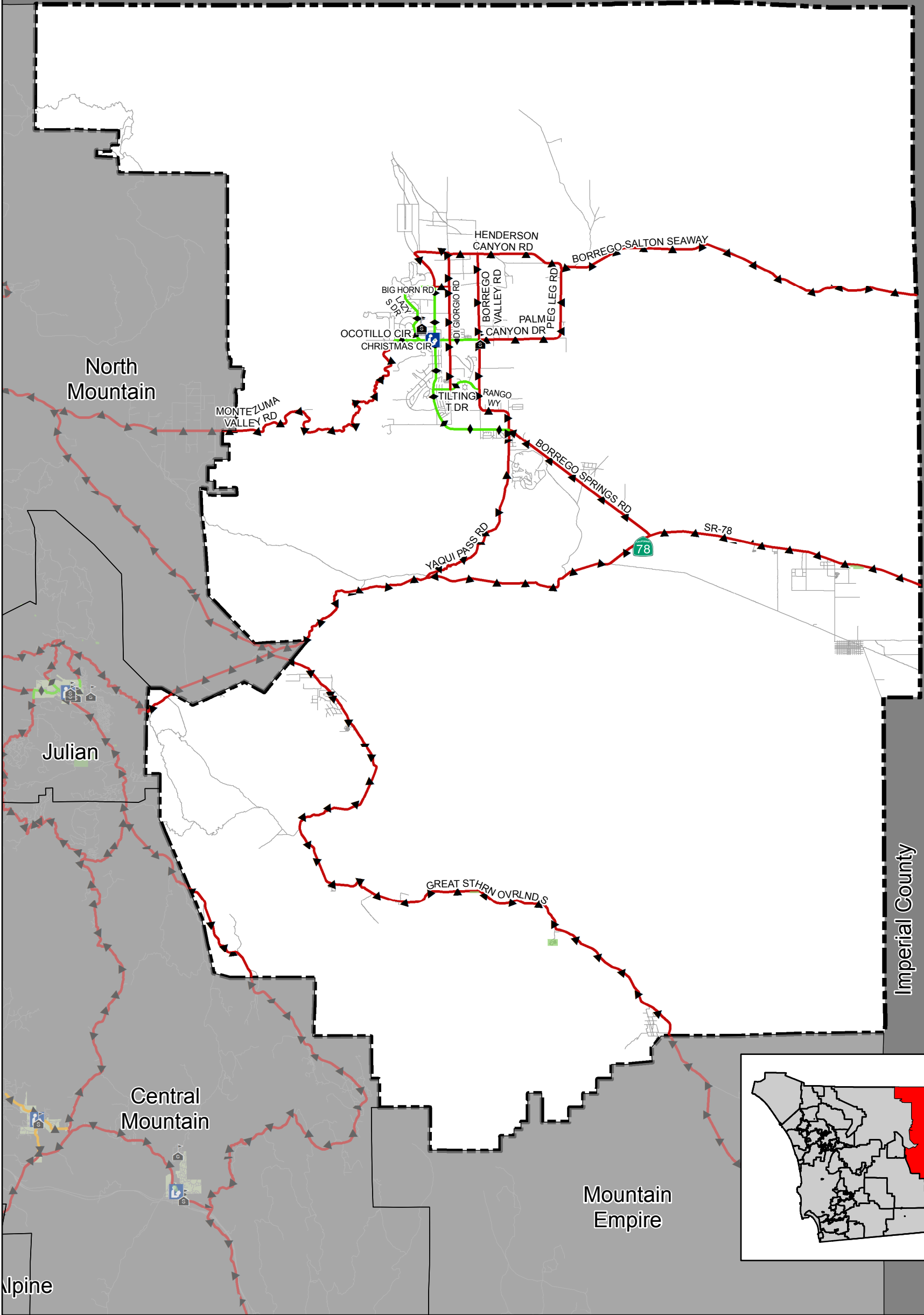
Other Jurisdictional Bike Network

School

Parks

Library

Attractor Land Use



Mobility Element Road Network Bicycle LTS

1

2

3

4

Intersection Bicycle LTS

1

2

3

4

Mobility Element Network Planned Bicycle Facilities

■ Class I (Bike Path)

▲ Class II (Bike Lane)

— Class III (Bike Route)

◆ Class IV (Separated Bikeway / Cycle Track)

Community Planning Area

Village Area

Local Public Road

Other Jurisdictional Bike Network

School

Parks

Library

Attractor Land Use

Michael Baker INTERNATIONAL

0

0.5

1

2

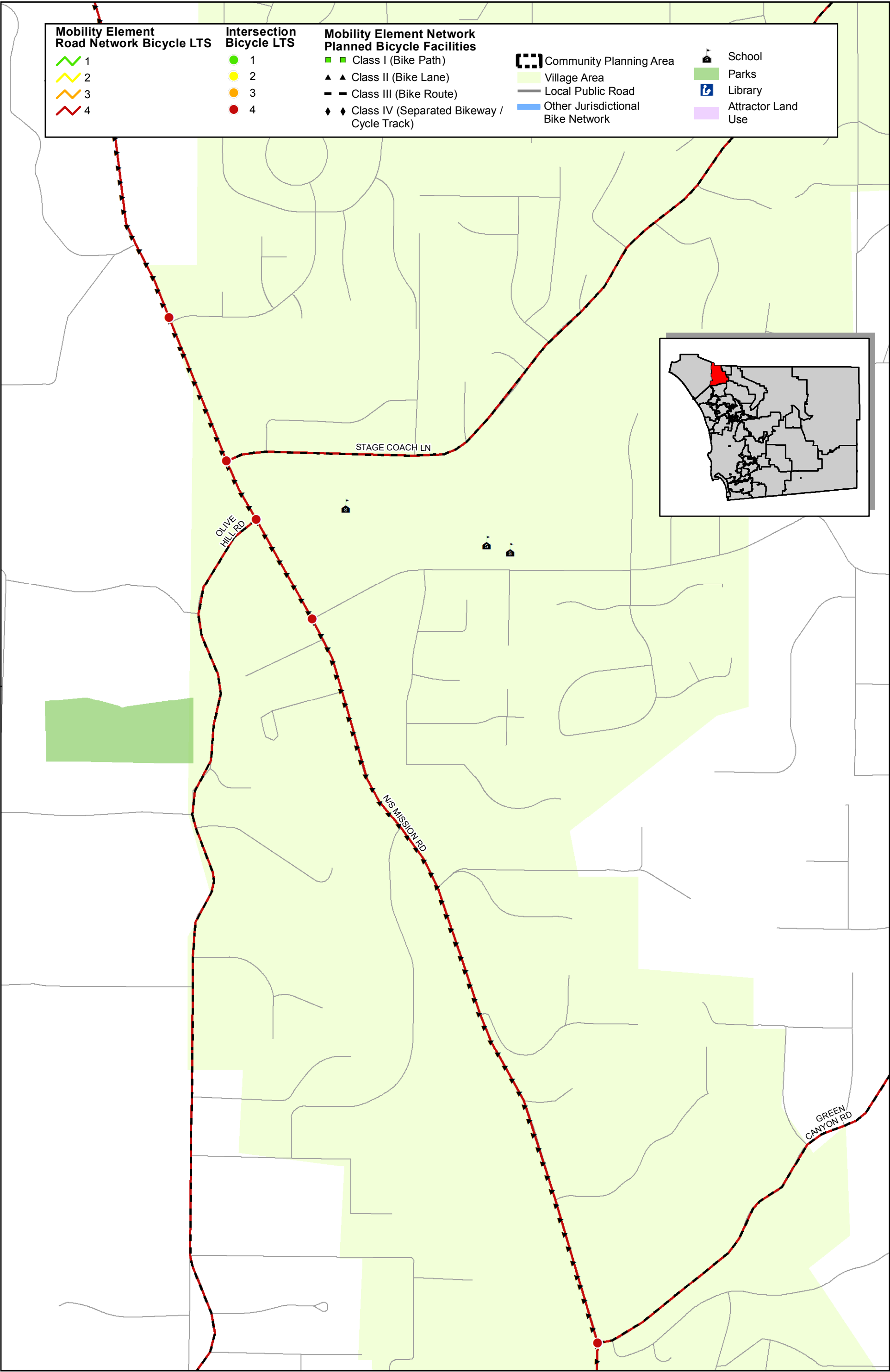
Miles

Source: San Diego County, SANDAG, SanGIS, ESRI

San Diego County ATP

Level of Traffic Stress (LTS) of Mobility Element

Build Out Conditions: Fallbrook



**Mobility Element
Road Network Bicycle LTS**
1
2
3
4

**Intersection
Bicycle LTS**
1
2
3
4

**Mobility Element Network
Planned Bicycle Facilities**
■ Class I (Bike Path)
▲ Class II (Bike Lane)
— Class III (Bike Route)
◆ Class IV (Separated Bikeway /
Cycle Track)

Community Planning Area
Village Area
Local Public Road
Other Jurisdictional
Bike Network

School
Parks
Library
Attractor Land
Use

1/17/2017 J:\M:\Data\148454\GIS\MXD\Traffic Stress\Communities\Set 2\Final MXD\Fallbrook\Fallbrook Set 2 LTS Buildout Map 1 Works Final.mxd

Recommended Network Bicycle LTS

1

2

3

4

Recommended Network Bicycle Facilities

■ Class I (Bike Path)

▲ Class II (Bike Lane)

— Class III (Bike Route)

◆ Class IV (Separated Bikeway / Cycle Track)

Community Planning Area

Village Area

Local Public Road

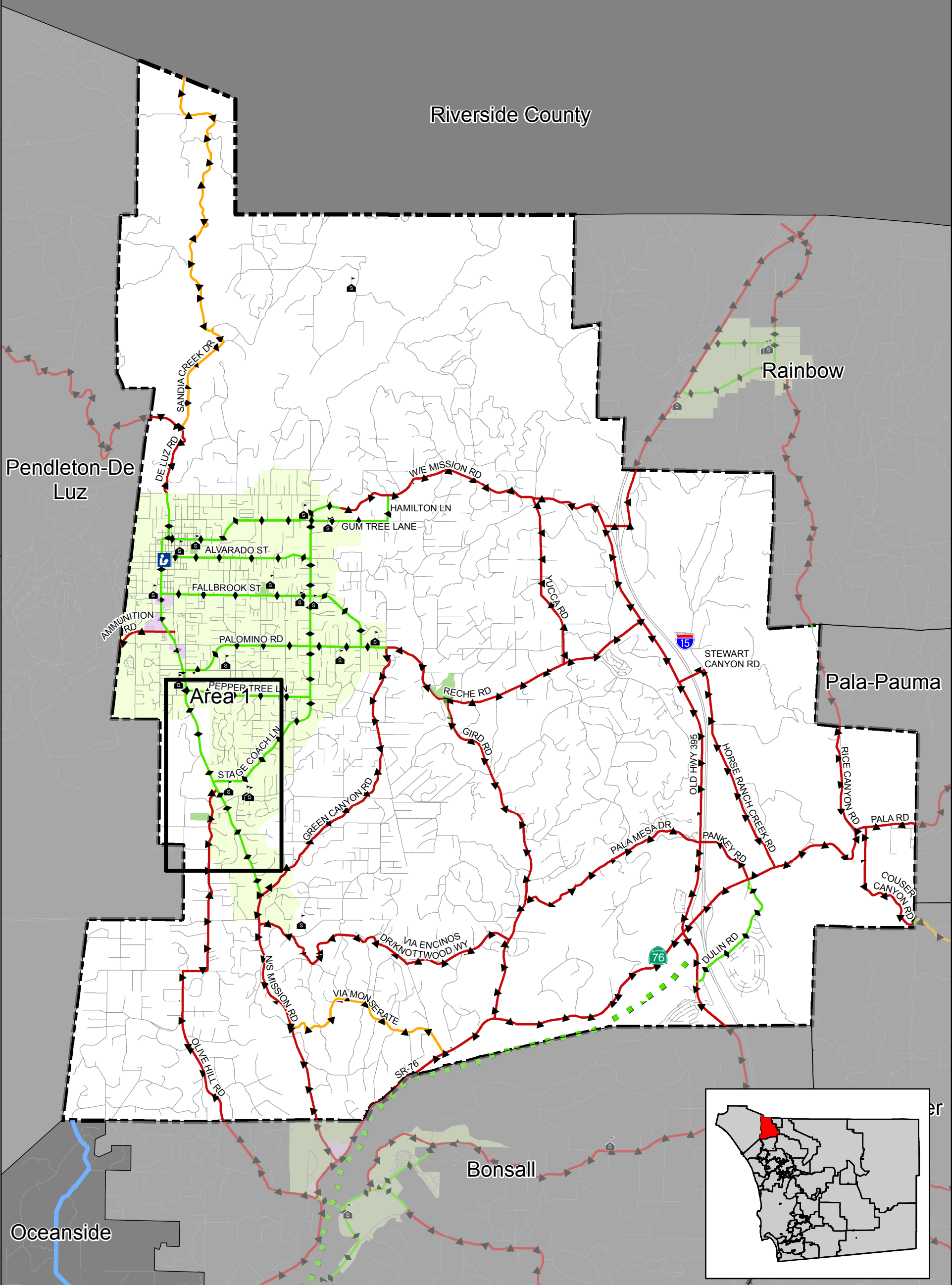
Other Jurisdictional Bike Network

School

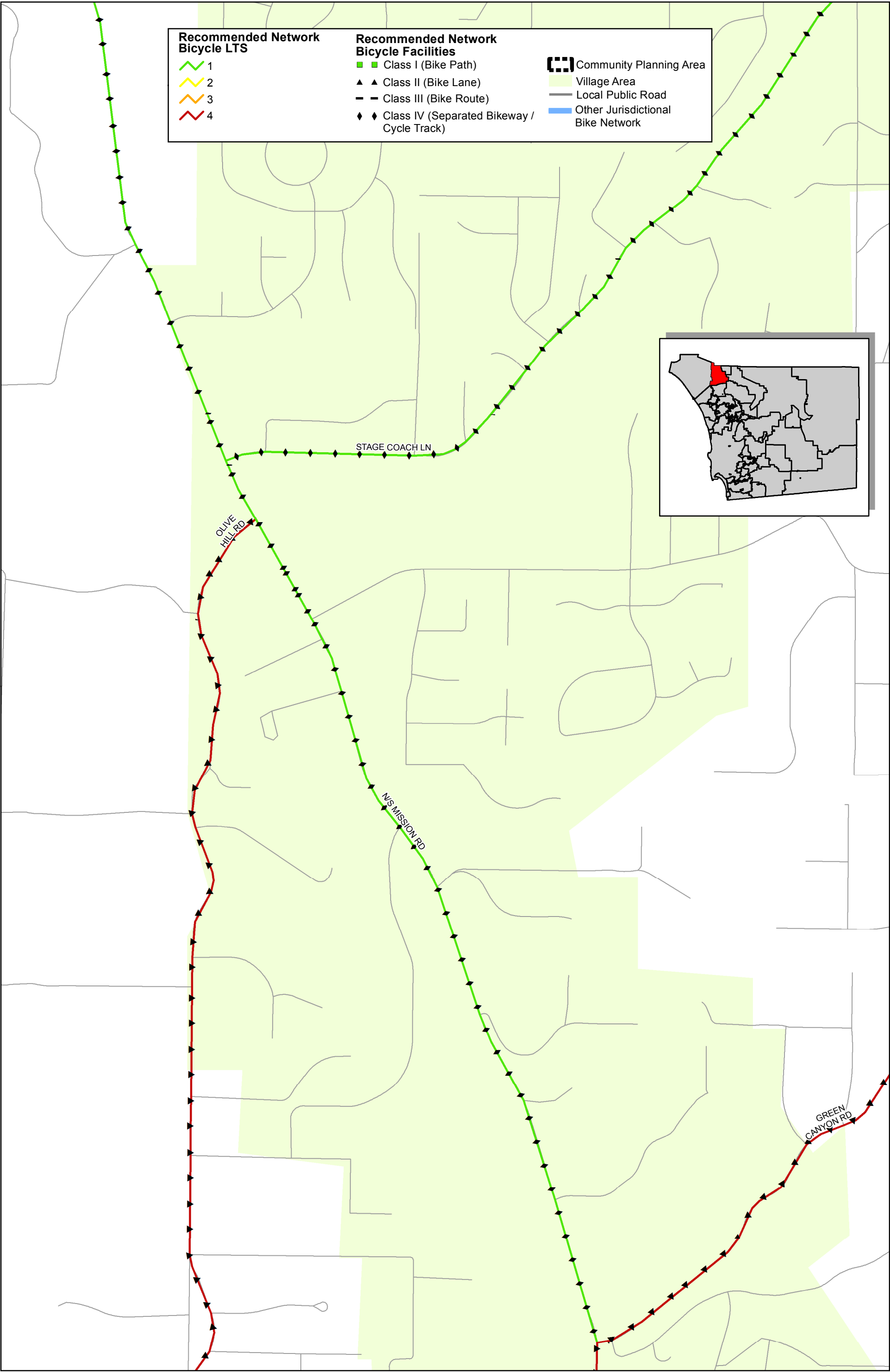
Parks

Library

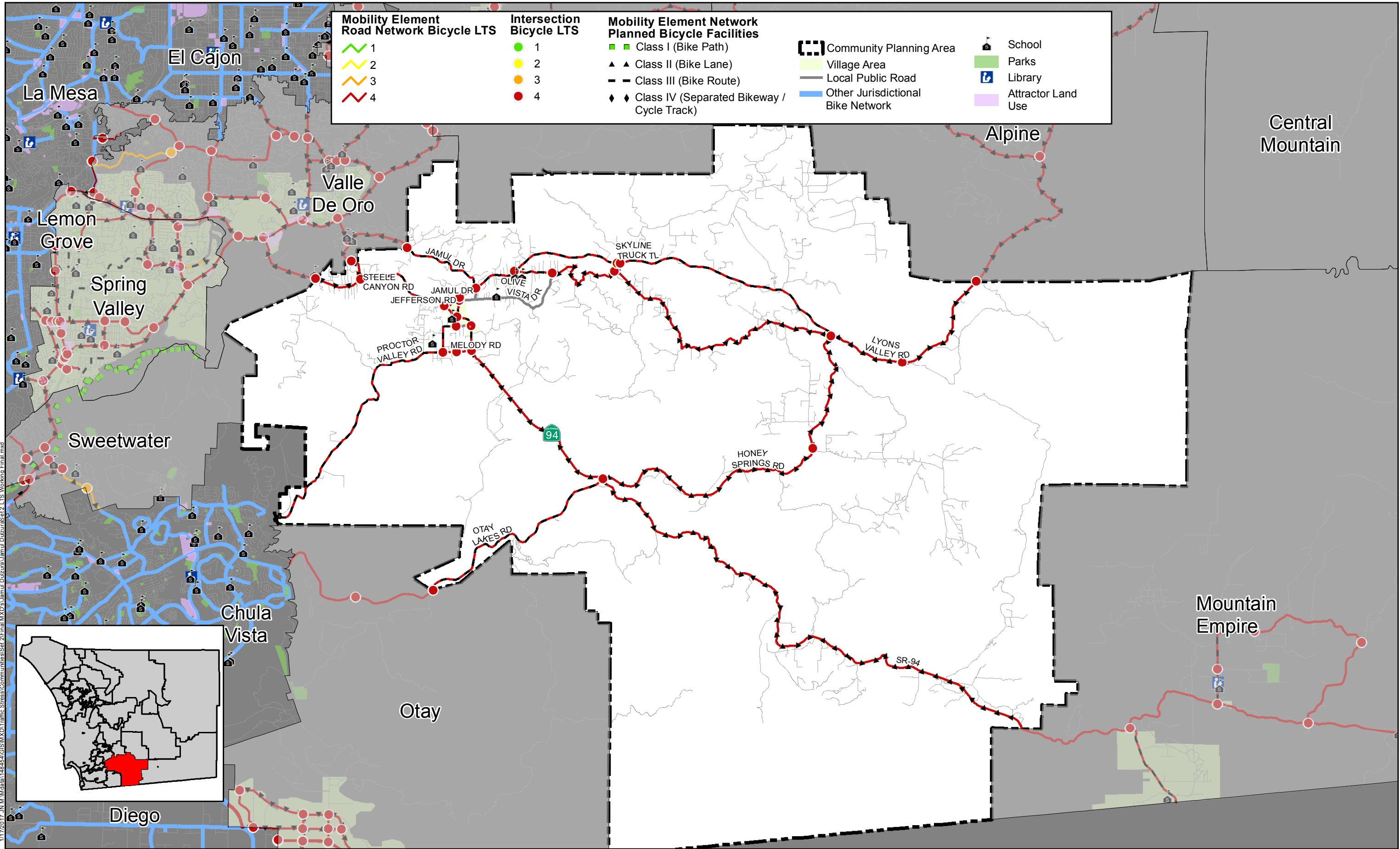
Attractor Land Use

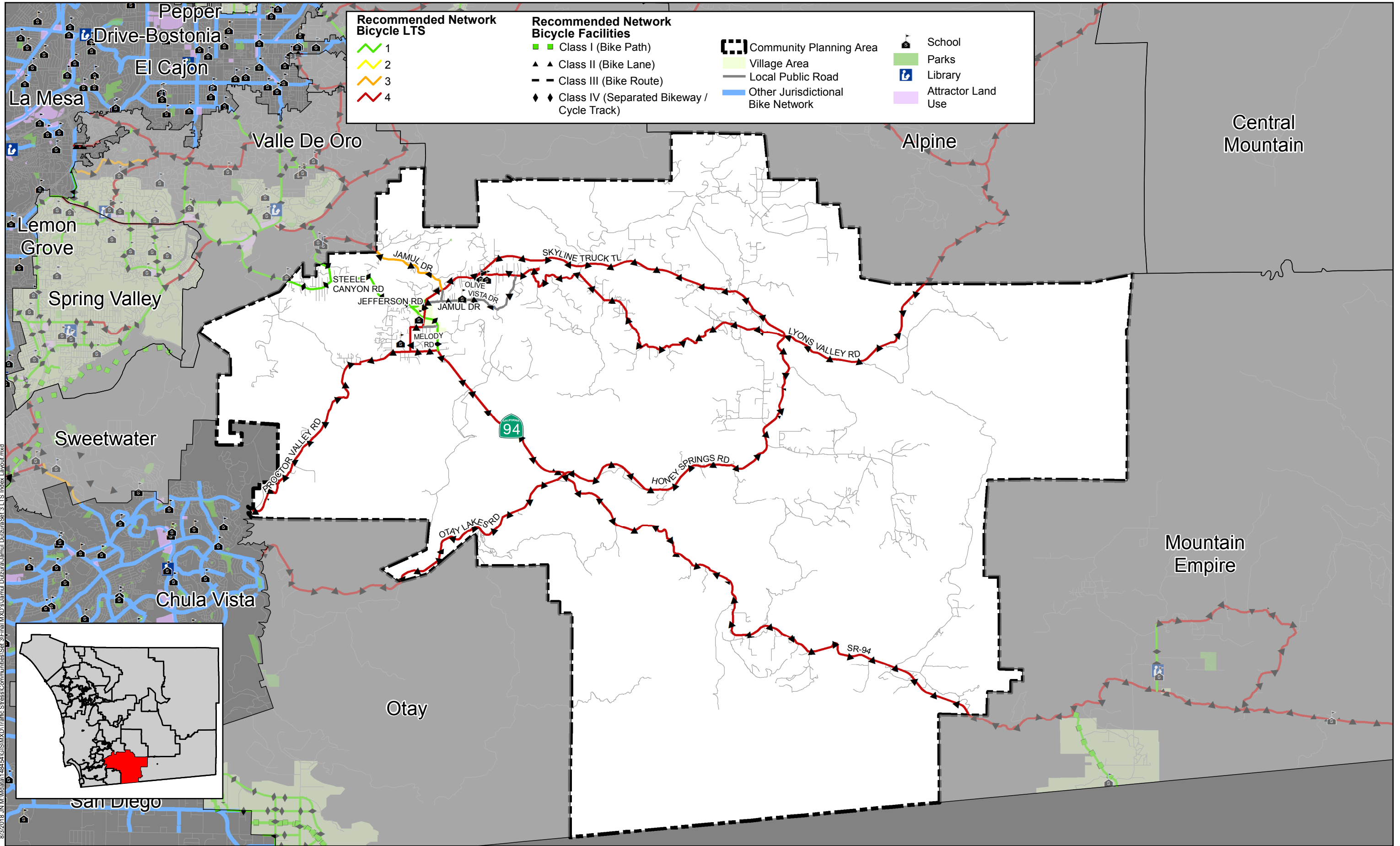


8/3/2018, J:\M1\data\148454\GIS\MXD\Traffic Stress\Communities\Set 3\Final MXD\Fallbrook\Fallbrook Set 3 LTS index.mxd

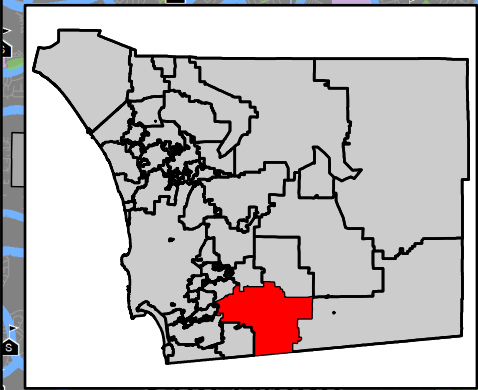


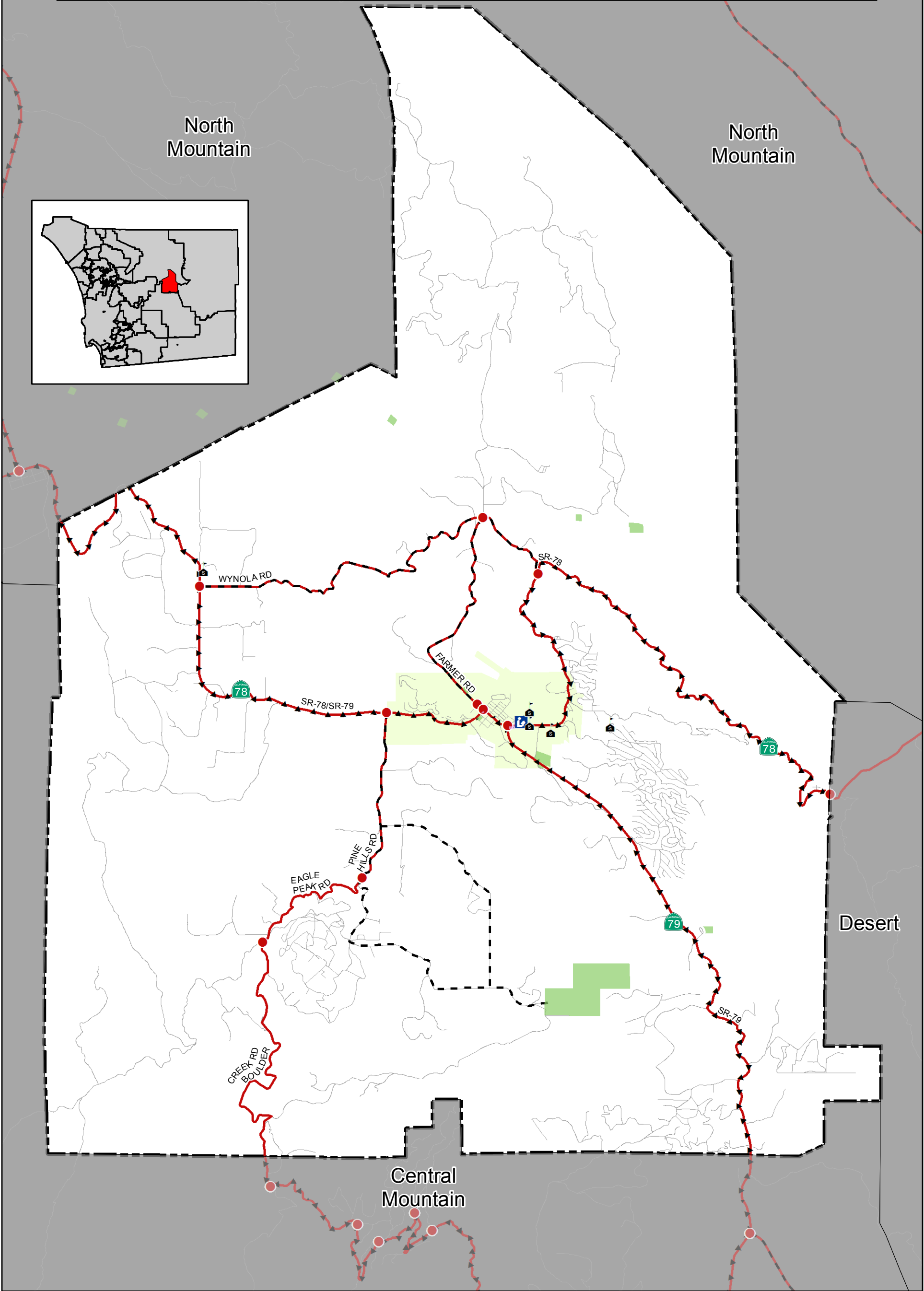
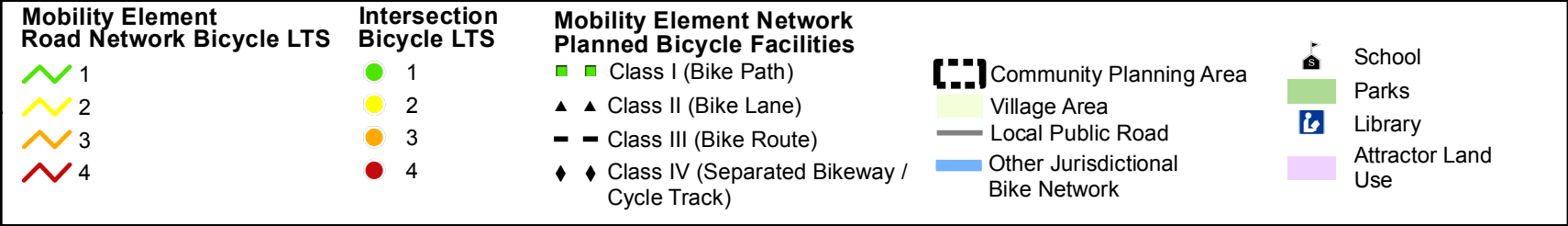
3/30/2017 J:\M\MapData\148454\GIS\MapXDTraffic Stress\Communities\Set 3\Final MXD's\Fallbrook\Fallbrook Set 3 LTS Buildout Map 1 Works Final.mxd





8/3/2018 10:14:54 AM M:\Data\148454\GIS\MapDocs\Traffic Stress\Communities\Set 3\Final Mxd\Jamul Dulzura\Jamul Dulzura Set 3 LTS Index Layout.mxd





1/17/2017 JUN M:\data\148454\GIS\MXD\Traffic Stress\Communities\Set 2\Final MXD\Julian\Julian Set 2 LTS Works Final.mxd



Recommended Network Bicycle LTS

1

2

3

4

Recommended Network Bicycle Facilities

■ Class I (Bike Path)

▲ Class II (Bike Lane)

— Class III (Bike Route)

◆ Class IV (Separated Bikeway / Cycle Track)

Community Planning Area

Village Area

Local Public Road

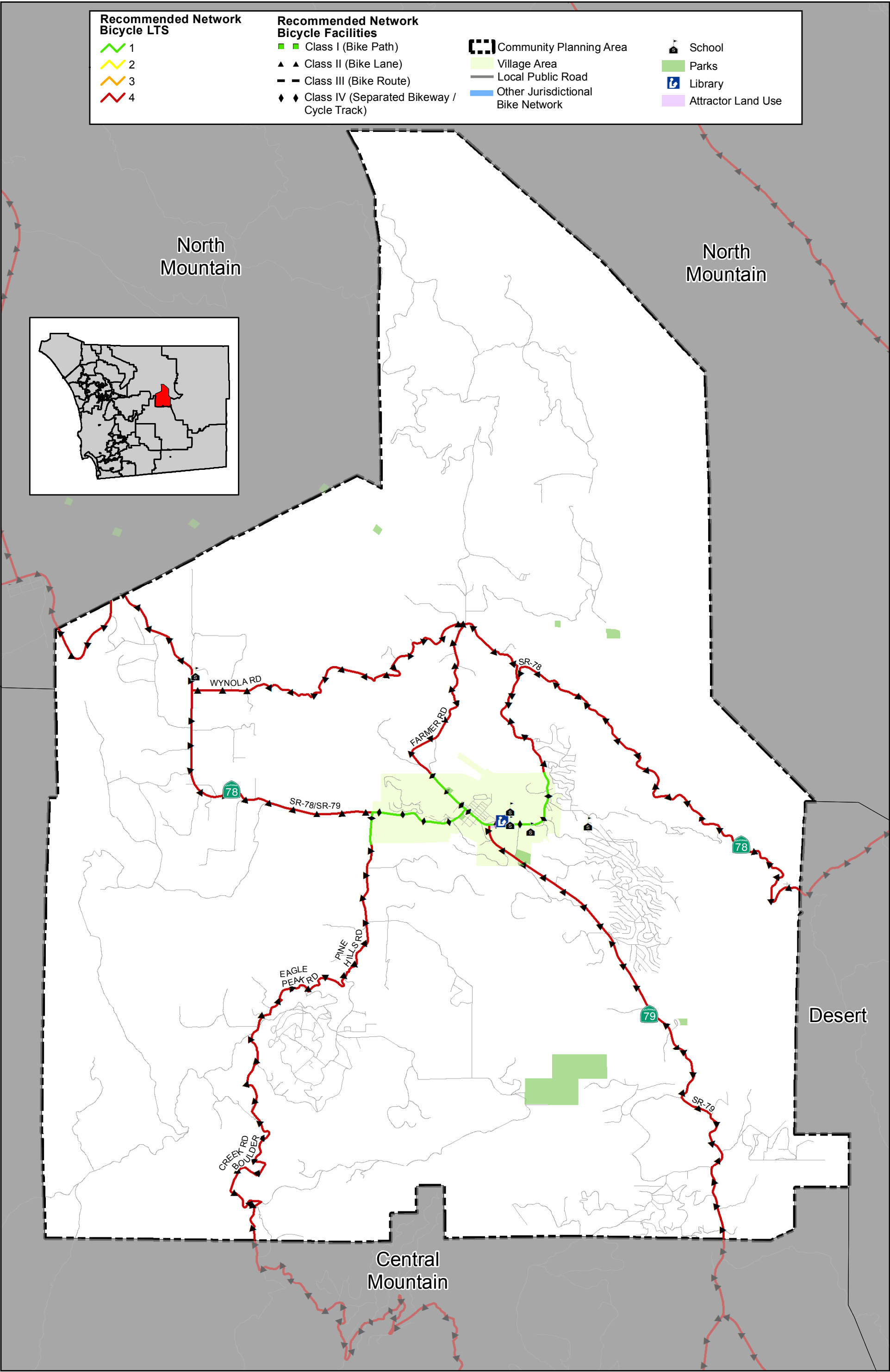
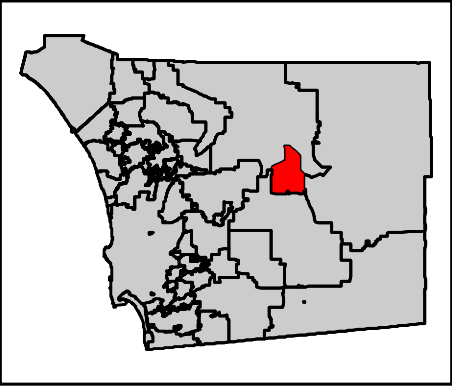
Other Jurisdictional Bike Network

School

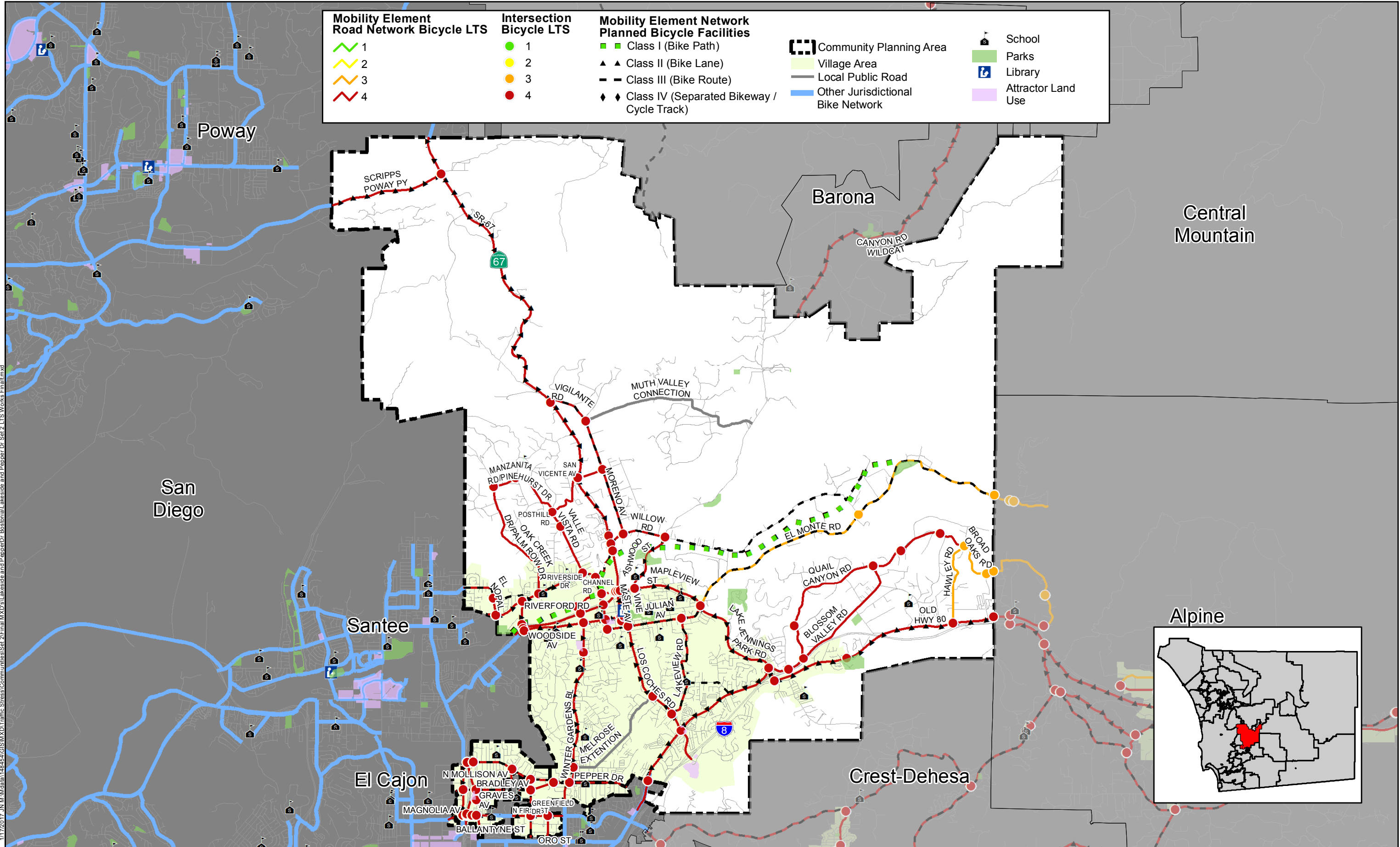
Parks

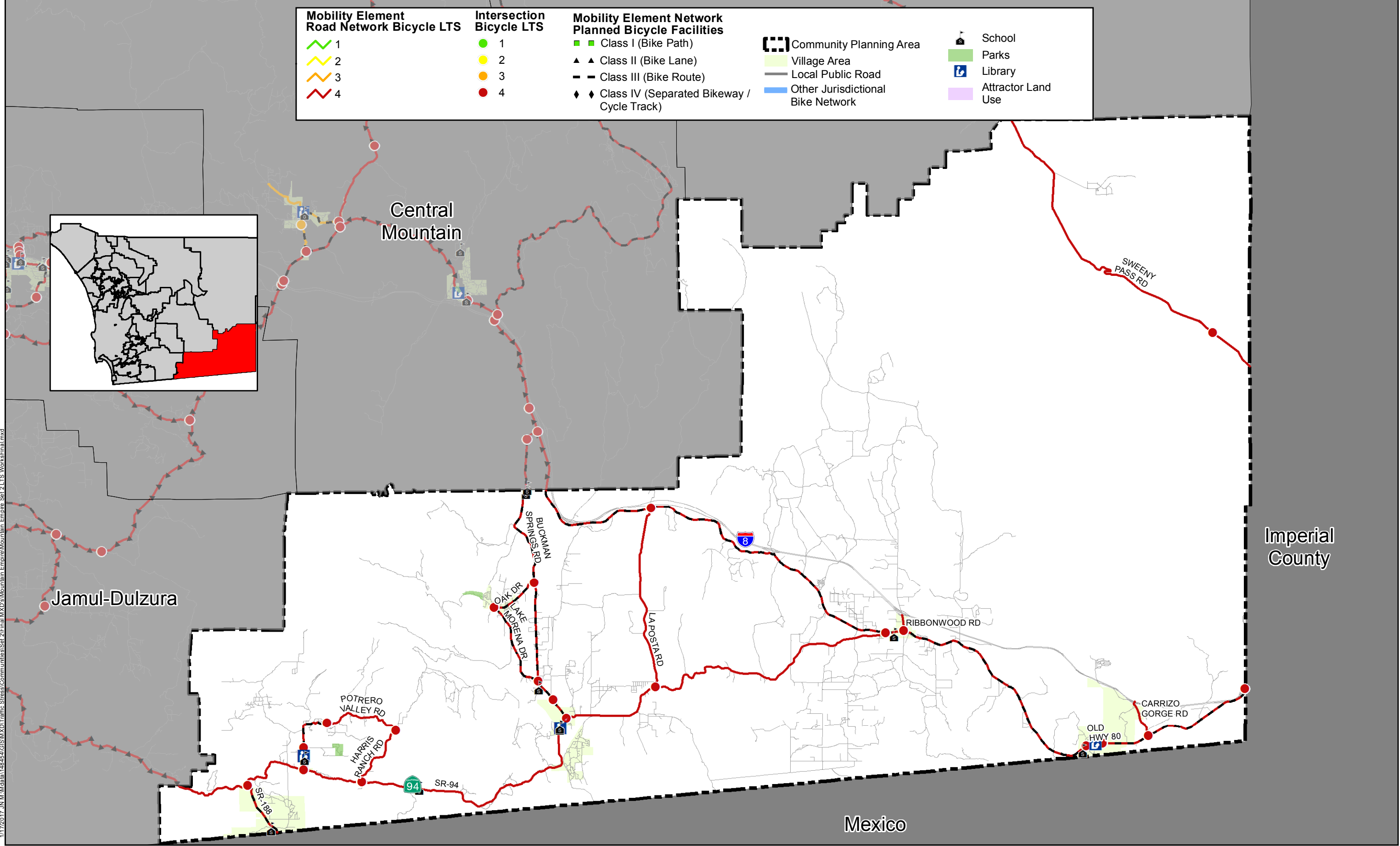
Library

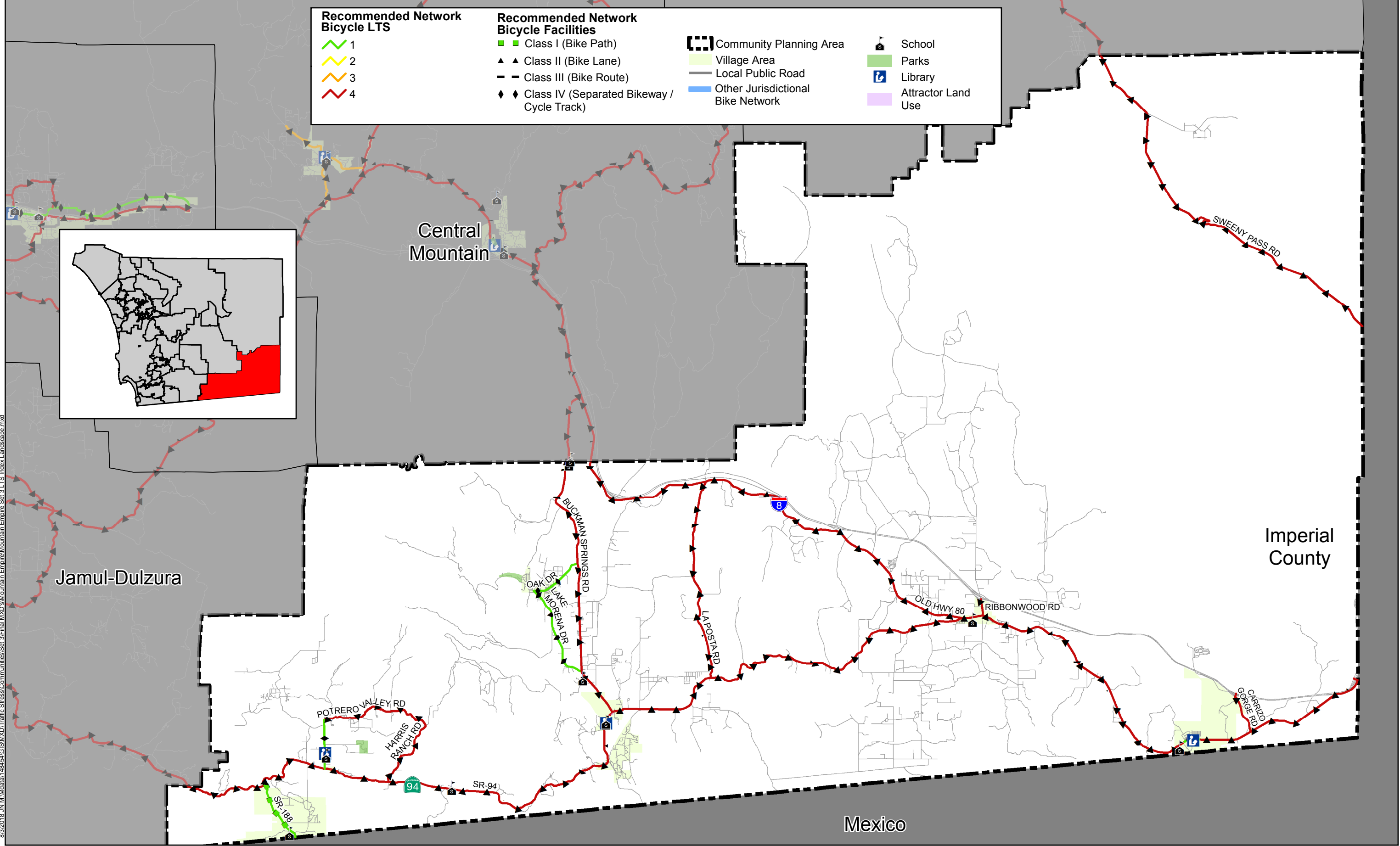
Attractor Land Use



12/19/2016 JN N:\Wdata\148454\GIS\MXD\Traffic Stress\Communities\Set 3\Final\MXD's\Julian\Julian Set 3\LTS Index.mxd

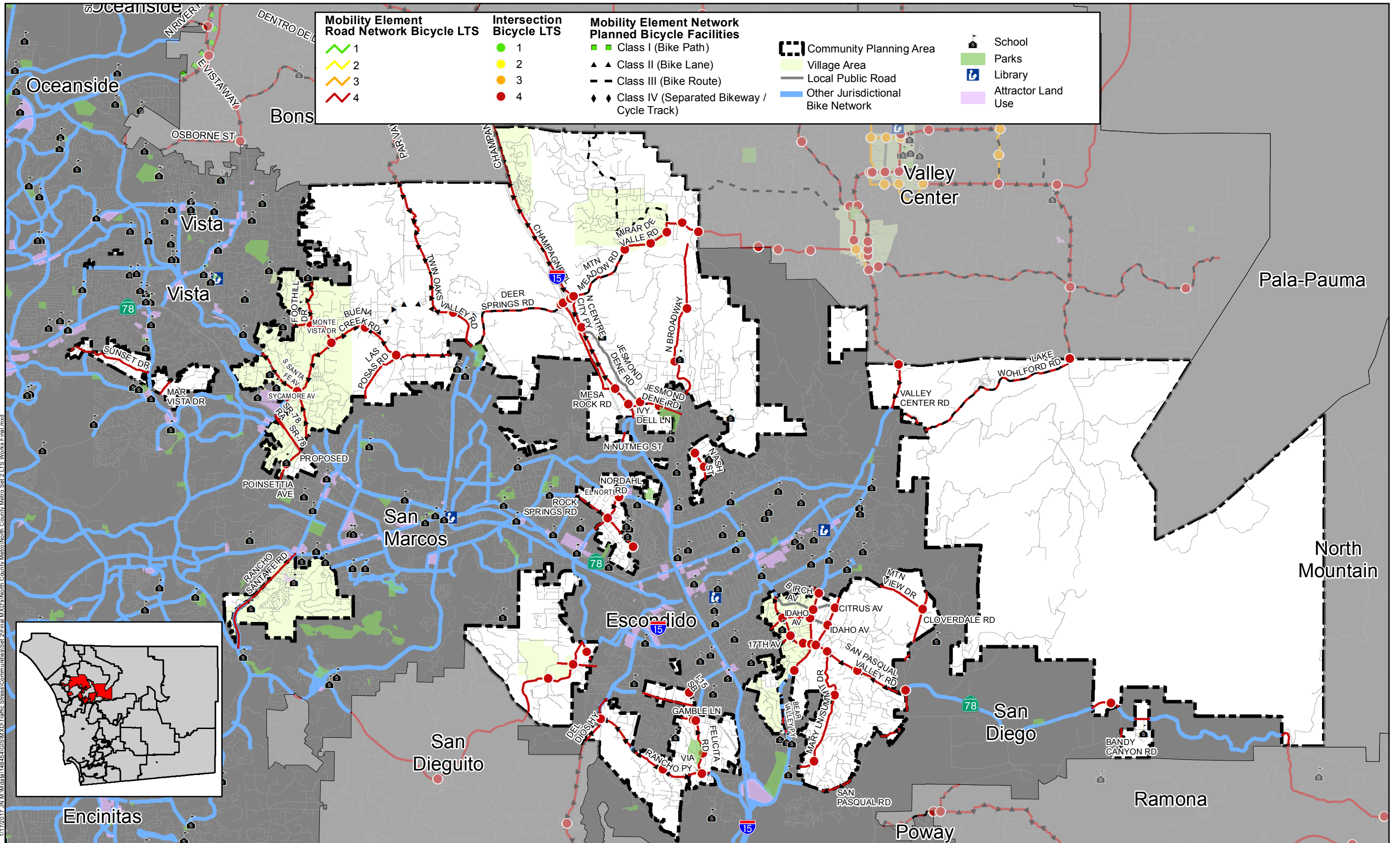


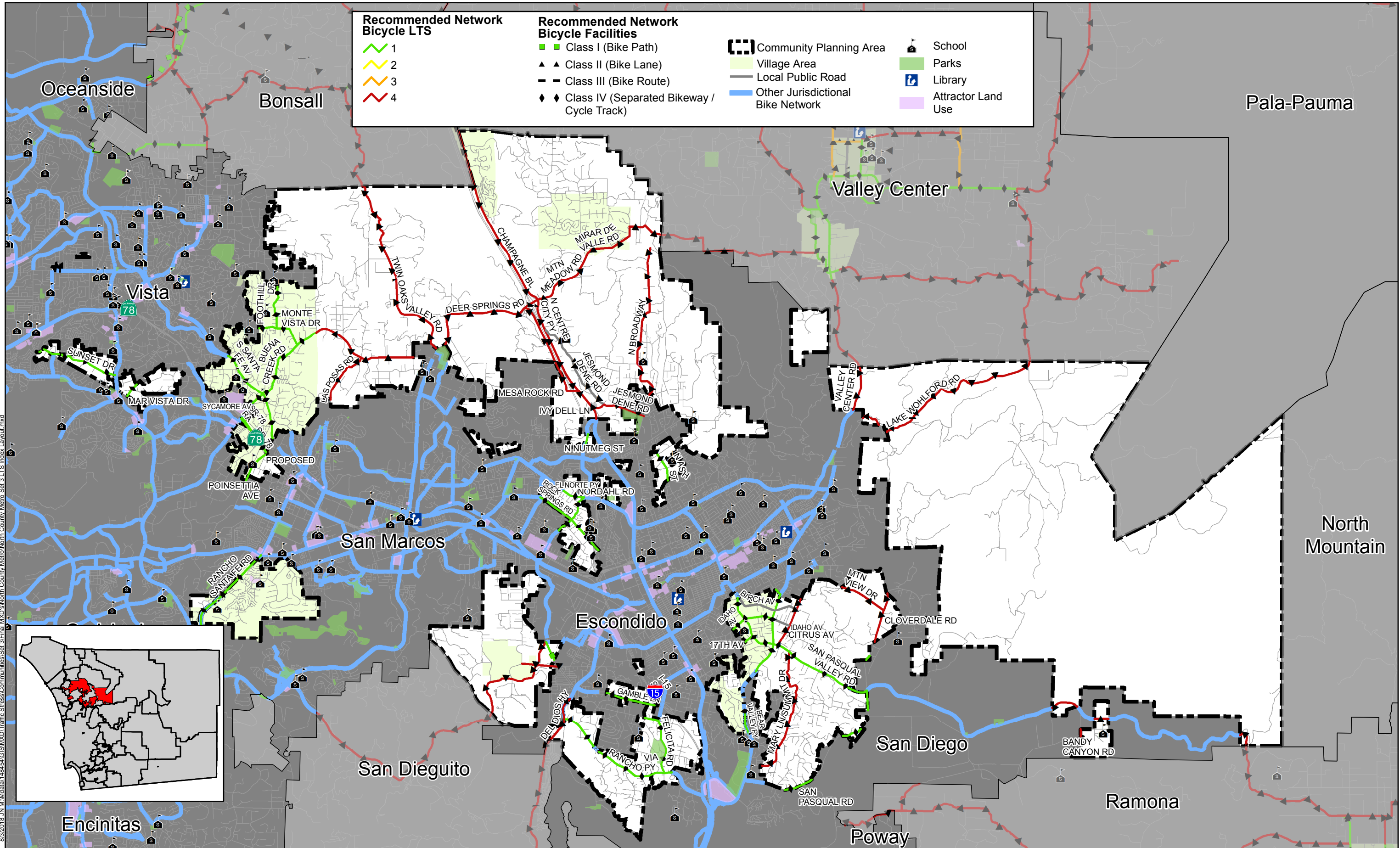




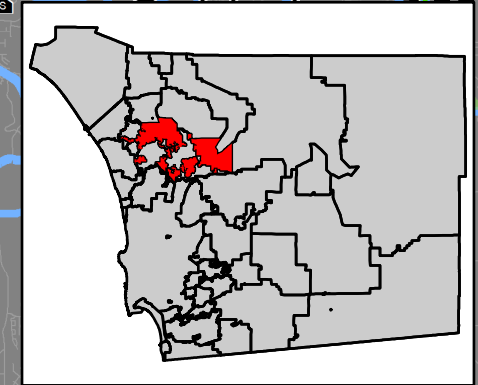
8/3/2018 J:\M:\Data\148454\GIS\MXD\Traffic Stress\Communities\Set 3\Final MXD's\Mountain Empire\Mountain Empire Set 3 LTS Index Landscape.mxd







8/3/2018 J:\M\Mapa148454\GIS\MXD\Traffic Stress\Communities\Set 3\Final MXD\North County Metro\North County Metro Set 3 LTS Index Layout.mxd



Mobility Element

Road Network

Bicycle LTS

1

2

3

4

Intersection

Bicycle LTS

1

2

3

4

Mobility Element Network

Planned Bicycle Facilities

■ Class I (bike path LTS = 1)

▲ Class II (striped bike lane)

— Class III (bike route)

Community Planning Area

Village Area

Local Public Road

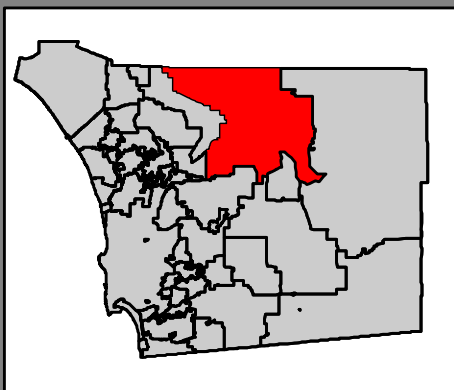
Other Jurisdictional Bike Network

School

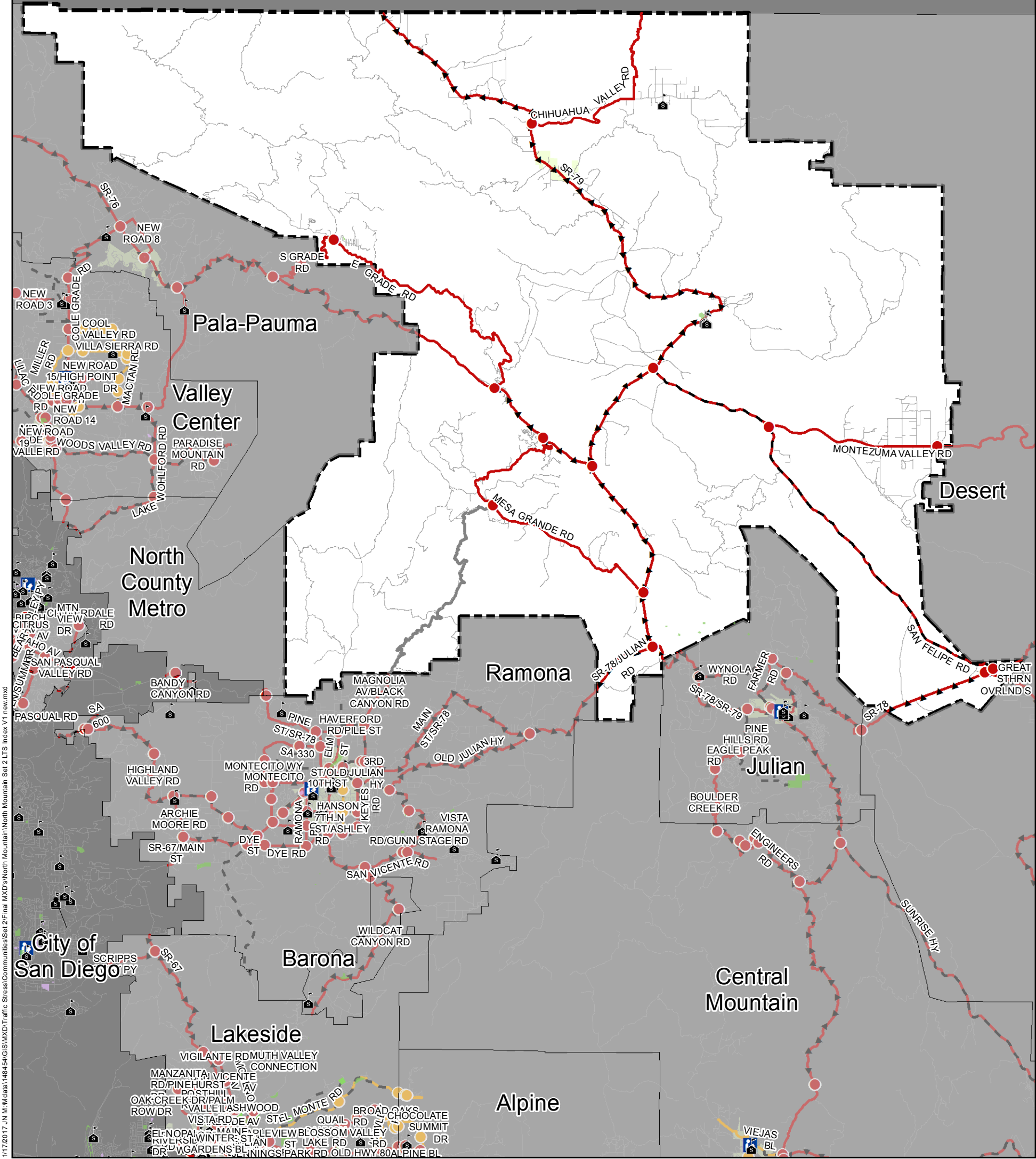
Parks

Library

Attractor Land Use



Riverside County



1/17/2017 J:\M:\Data\148454\GIS\MXD\Traffic Stress\Communities\Ser 2\Final MXD\North Mountain Ser 2 LTS Index V1 new.mxd

Recommended Network Bicycle LTS

1

2

3

4

Recommended Network Bicycle Facilities

Class I (Bike Path)

Class II (Bike Lane)

Class III (Bike Route)

Class IV (Separated Bikeway / Cycle Track)

Community Planning Area

Village Area

Local Public Road

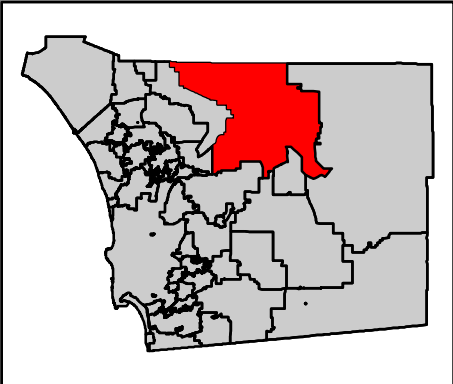
Other Jurisdictional Bike Network

School

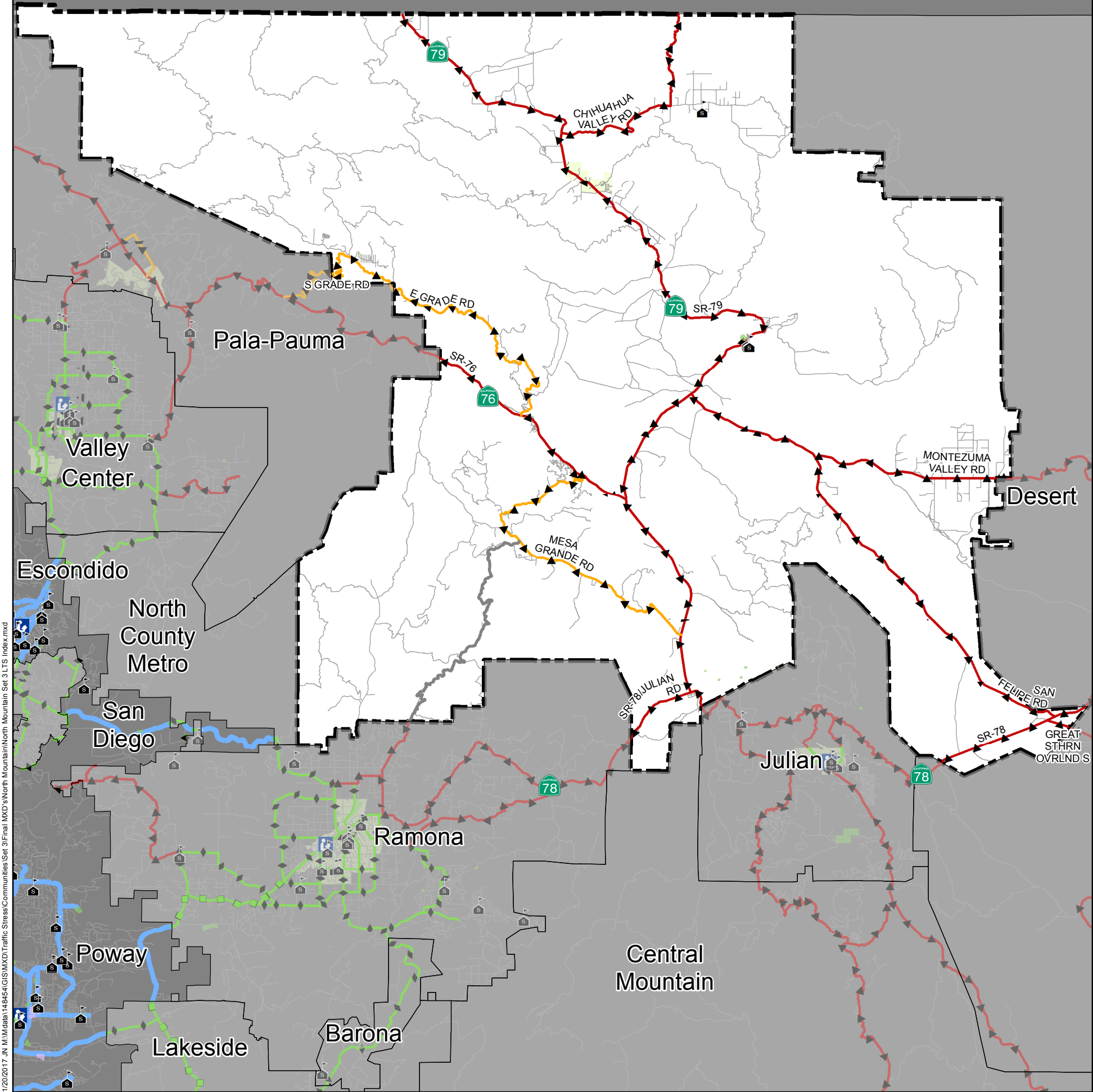
Parks

Library

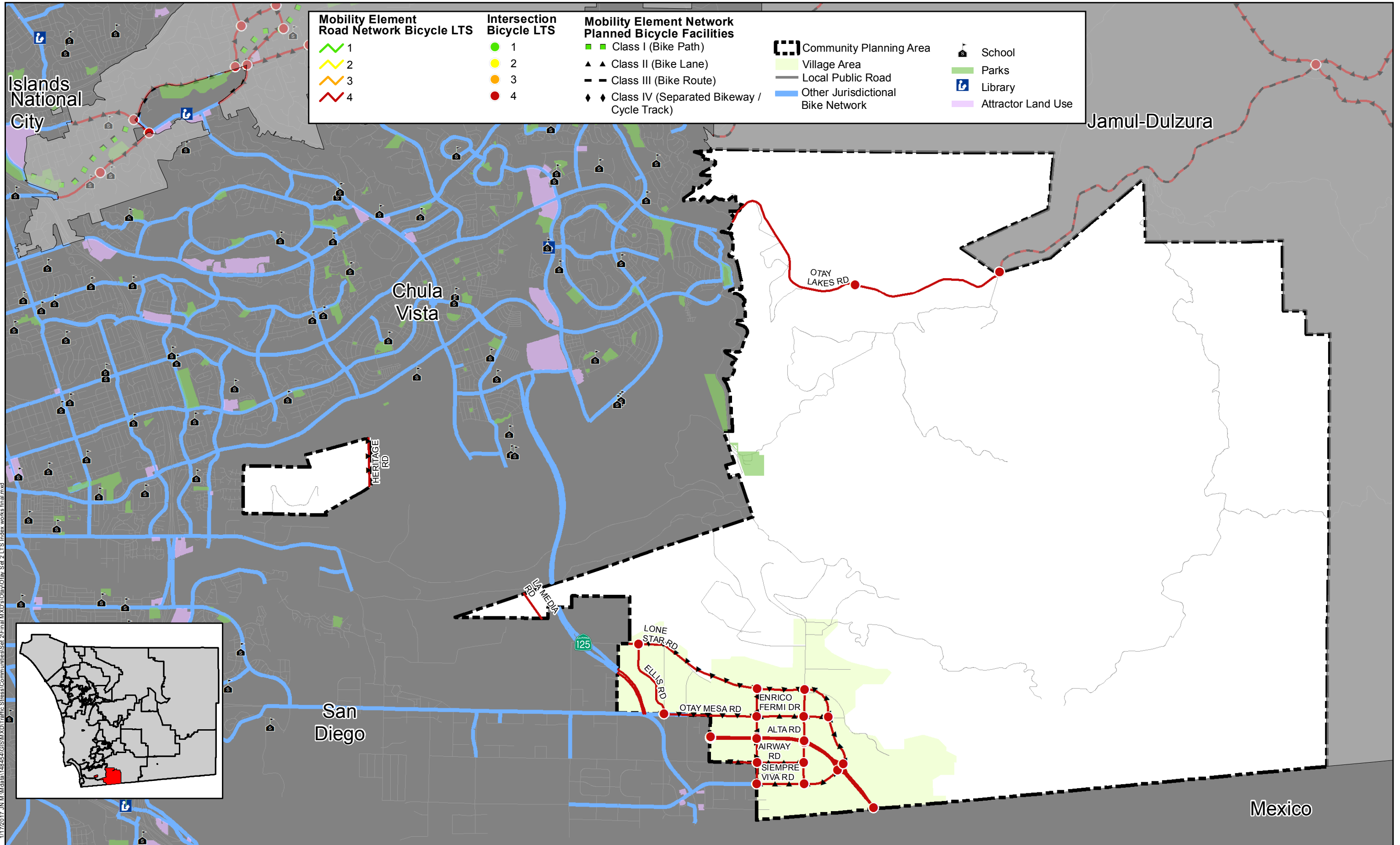
Attractor Land Use



Riverside County

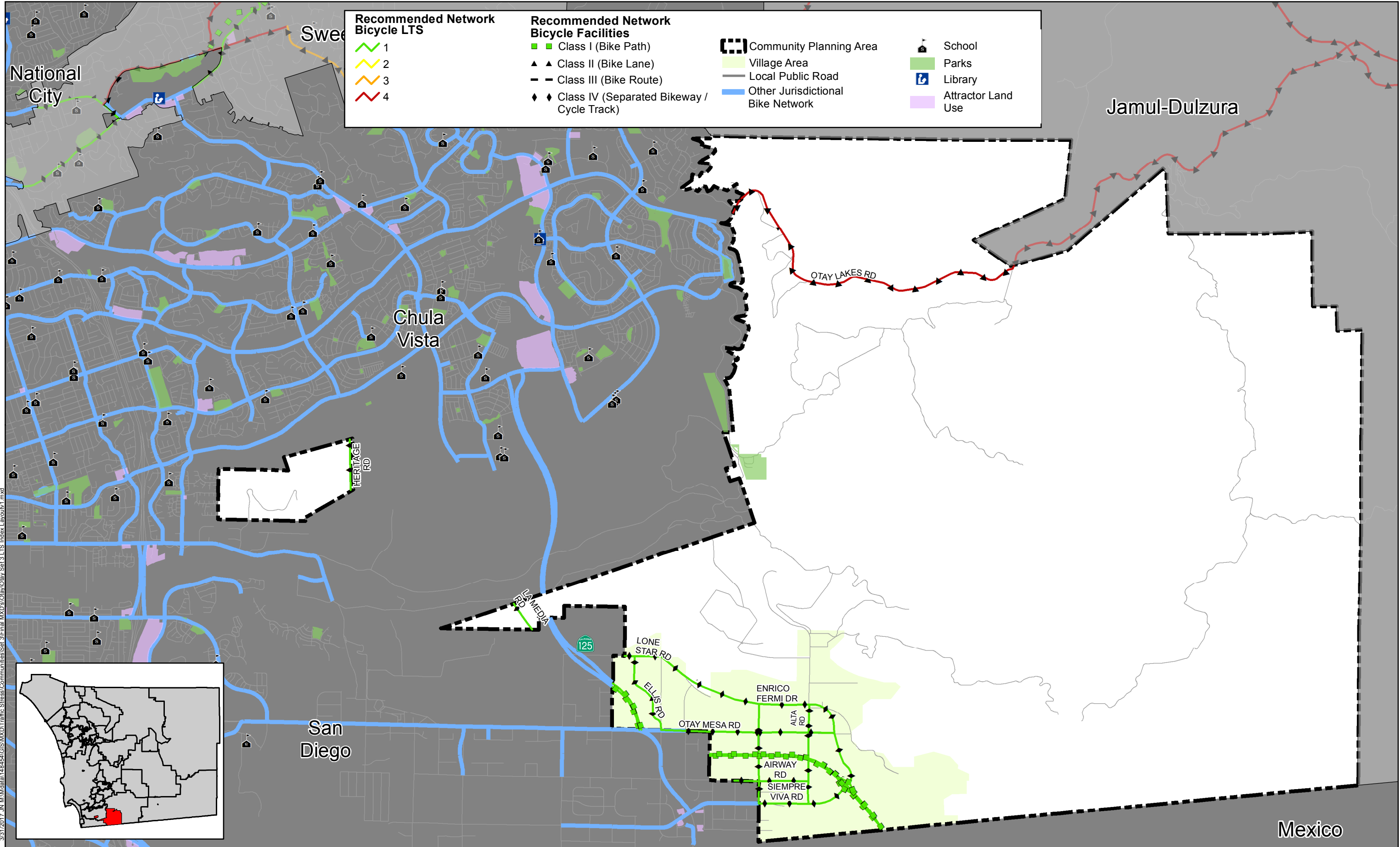


1/20/2017 J:\M\Mapa\148454\GIS\MapXDTrafficStress\CommunitiesSet 3\ITS_Index.mxd

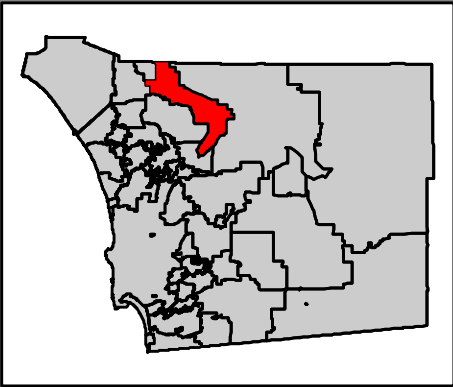


1/17/2017 J:\M\MapData\1484541\GIS\MapXDTrafficStress\Communities\Set 2\Final MXDs\Otay\Set 2 LTS Index works final.mxd

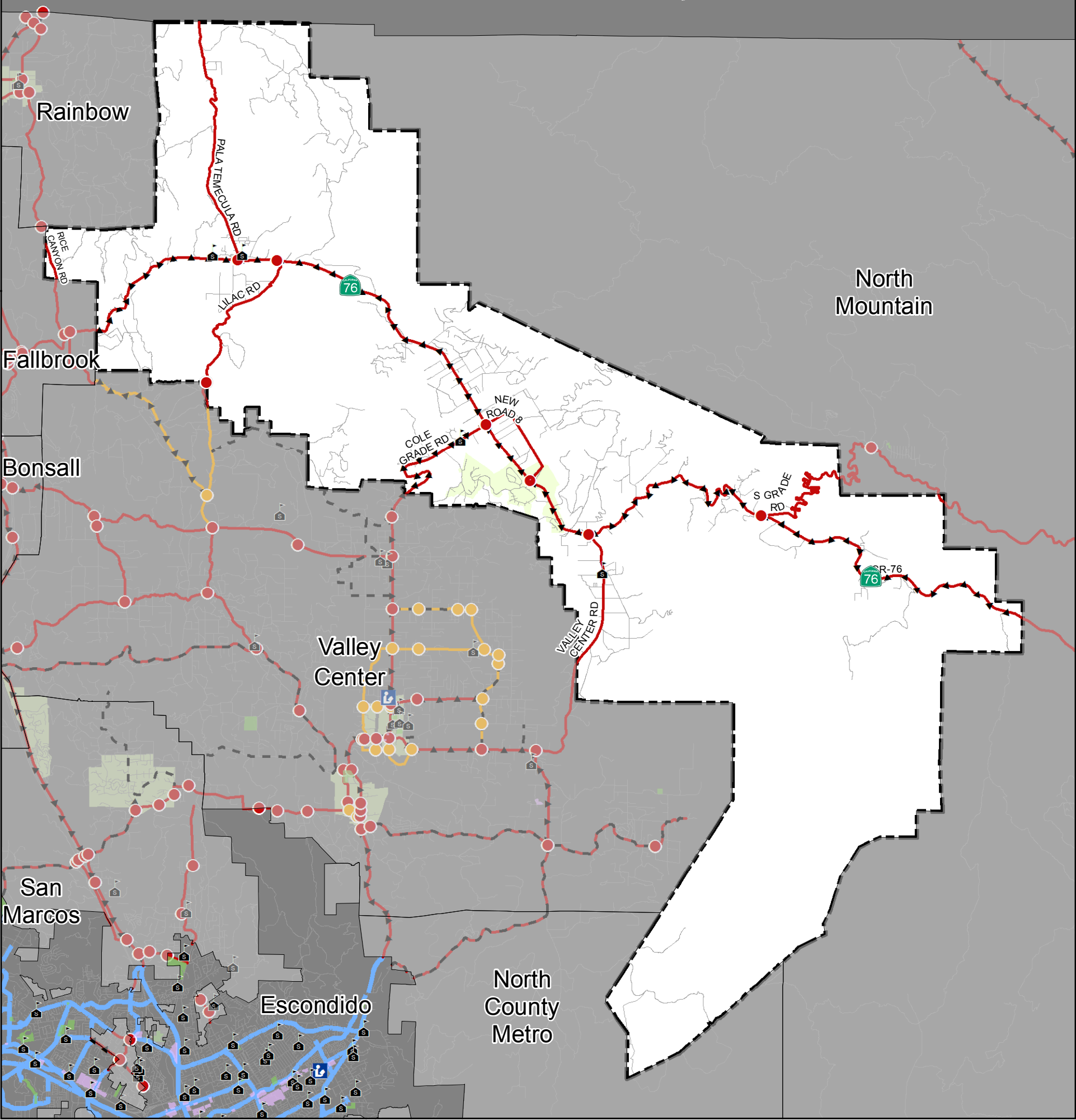




Mobility Element Road Network Bicycle LTS 1 2 3 4	Intersection Bicycle LTS 1 2 3 4	Mobility Element Network Planned Bicycle Facilities Class I (Bike Path) Class II (Bike Lane) Class III (Bike Route) Class IV (Separated Bikeway / Cycle Track)	Community Planning Area Village Area Local Public Road Other Jurisdictional Bike Network	School Parks Library Attractor Land Use
--	---	---	---	--



Riverside County



1/17/2017 JUN 14 4:54 PM C:\GIS\MapXMTrafficStress\Communities\Set 2\Final MXDs\Pauma\Pauma Set 2 LTS Works Final.mxd

Recommended Network Bicycle LTS

1

2

3

4

Recommended Network Bicycle Facilities

■ Class I (Bike Path)

▲ Class II (Bike Lane)

— Class III (Bike Route)

◆ Class IV (Separated Bikeway / Cycle Track)

Community Planning Area

Village Area

Local Public Road

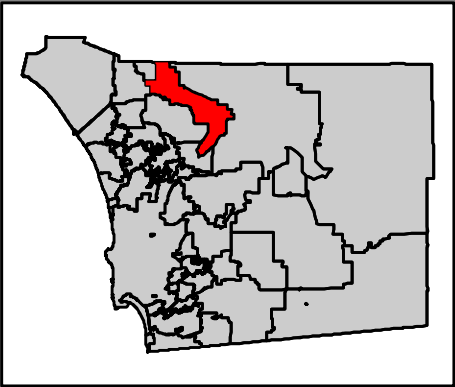
Other Jurisdictional Bike Network

School

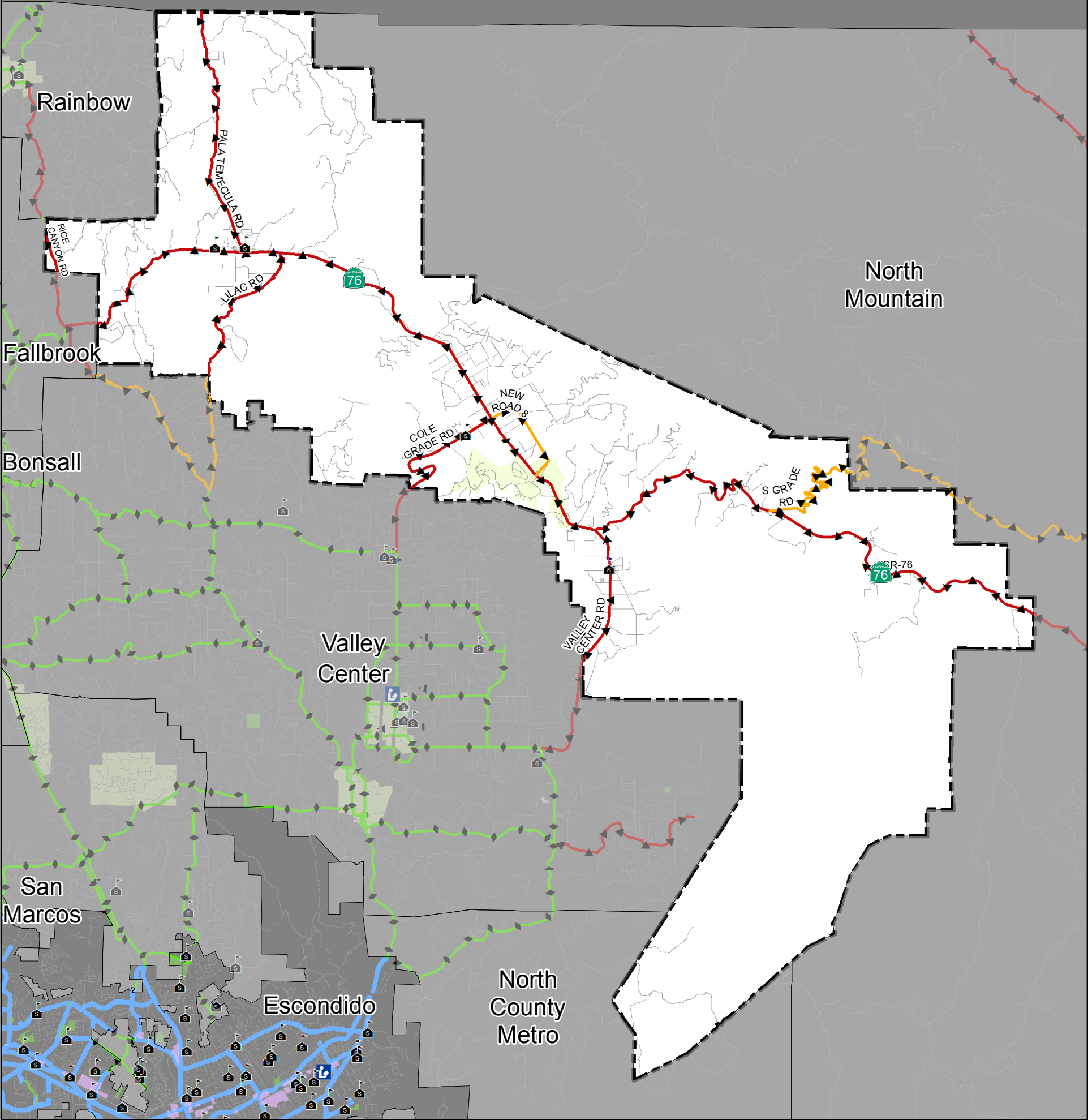
Parks

Library

Attractor Land Use

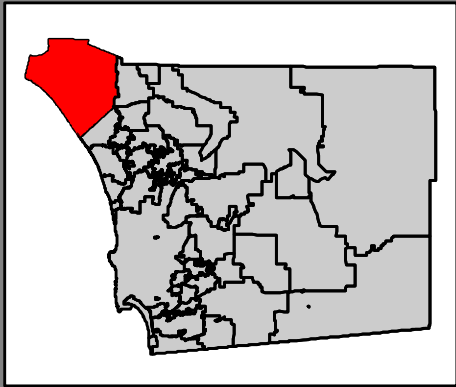


Riverside County

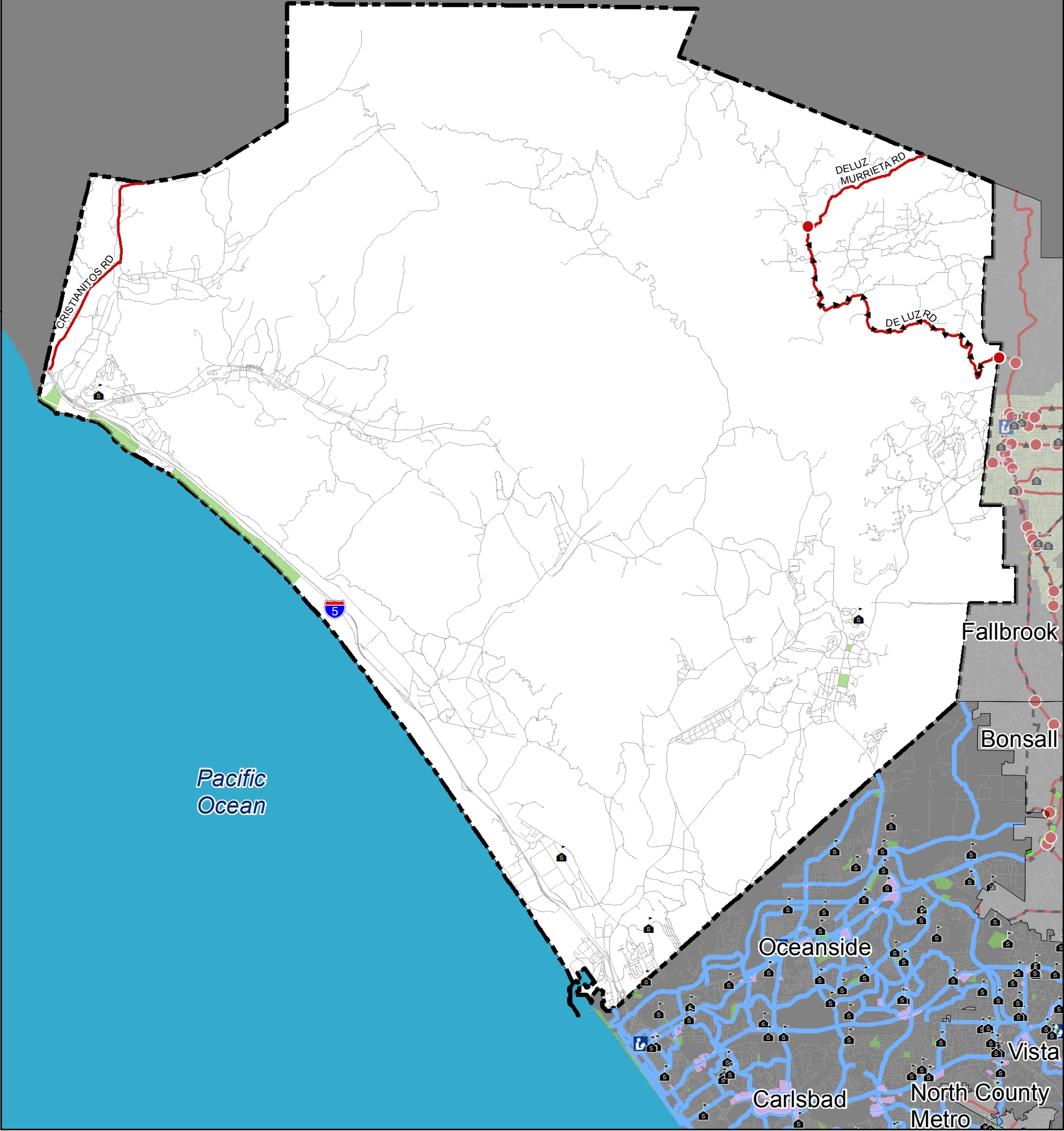


12/15/2016 J:\N\Wdata\148454\GIS\MXD\Traffic Stress\Communities\Set 3\Final\MXDs\PaPa\Pauma\PaLa Set 3 LTS Index.mxd

Mobility Element Road Network Bicycle LTS 1 2 3 4	Intersection Bicycle LTS 1 2 3 4	Mobility Element Network Planned Bicycle Facilities Class I (Bike Path) Class II (Bike Lane) Class III (Bike Route) Class IV (Separated Bikeway / Cycle Track)	Community Planning Area Village Area Local Public Road Other Jurisdictional Bike Network	School Parks Library Attractor Land Use
--	---	---	---	--



Riverside County



1/17/2017 J:\M:\data\148454\GIS\MXD\Traffic Stress\Communities\Set 2\Final MXD\SanDiegoCountyPendletonDeLuzSet2LTSWorksFinal.mxd

Recommended Network Bicycle LTS

1

2

3

4

Recommended Network Bicycle Facilities

■ Class I (Bike Path)

▲ Class II (Bike Lane)

— Class III (Bike Route)

◆ Class IV (Separated Bikeway / Cycle Track)

Community Planning Area

Village Area

Local Public Road

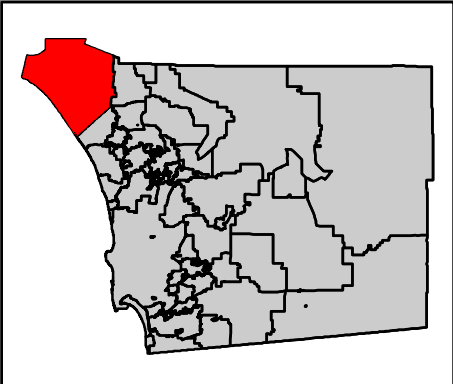
Other Jurisdictional Bike Network

School

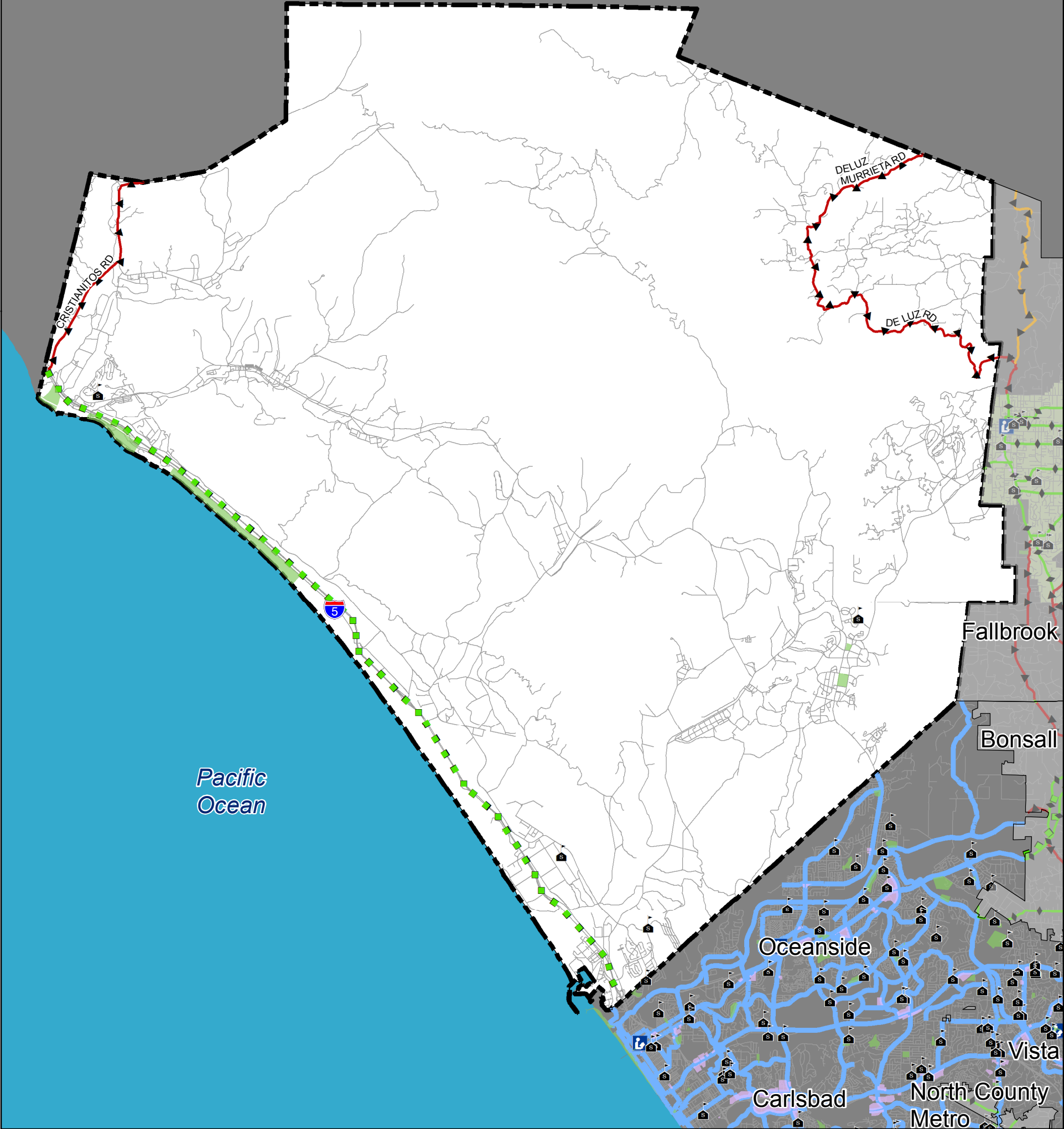
Parks

Library




Attractor Land Use







Riverside County










3/30/2017 J:\M\data\148454\GIS\MXD\Traffic Stress\Communities\Set 3\Final MXD's\PendletonDeLuz\PendletonDeLuz Set 3 LTS Index.mxd

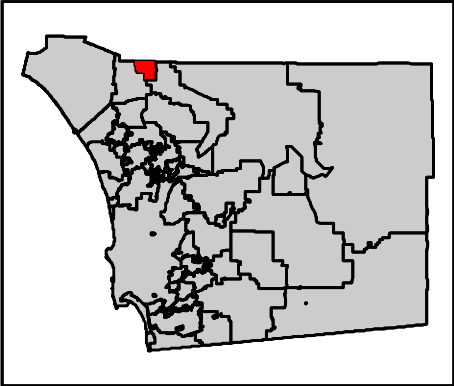
**Mobility Element
Road Network Bicycle LTS**
 1
 2
 3
 4

**Intersection
Bicycle LTS**
 1
 2
 3
 4

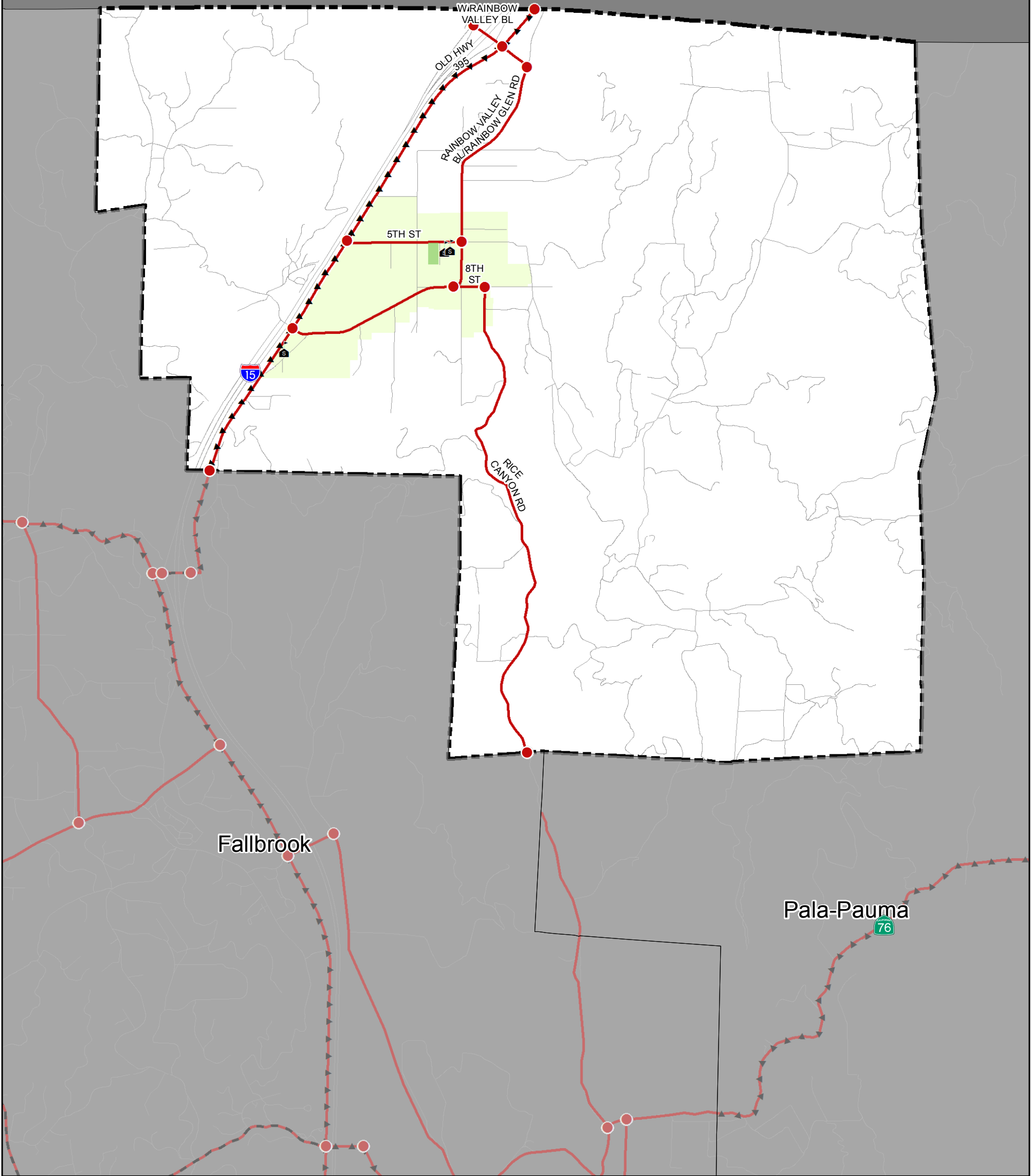
**Mobility Element Network
Planned Bicycle Facilities**
 Class I (Bike Path)
 Class II (Bike Lane)
 Class III (Bike Route)
 Class IV (Separated Bikeway / Cycle Track)

 Community Planning Area
 Village Area
 Local Public Road
 Other Jurisdictional Bike Network

 School
 Parks
 Library
 Attractor Land Use



Riverside County



1/17/2017 J:\M:\data\148454\GIS\MXD\Traffic Stress\Communities\Set 2\Final MXD\Rainbow\Rainbow Set 2 LTS Works .mxd

Recommended Network Bicycle LTS

1

2

3

4

Recommended Network Bicycle Facilities

■ Class I (Bike Path)

▲ Class II (Bike Lane)

— Class III (Bike Route)

◆ Class IV (Separated Bikeway / Cycle Track)

Community Planning Area

Village Area

Local Public Road

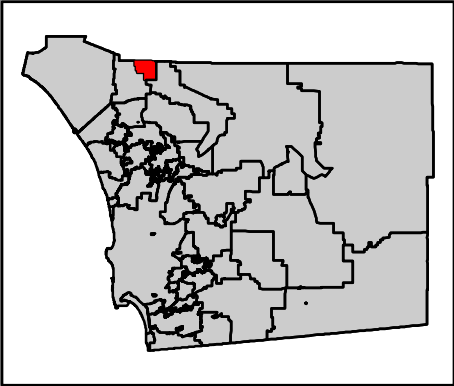
Other Jurisdictional Bike Network

School

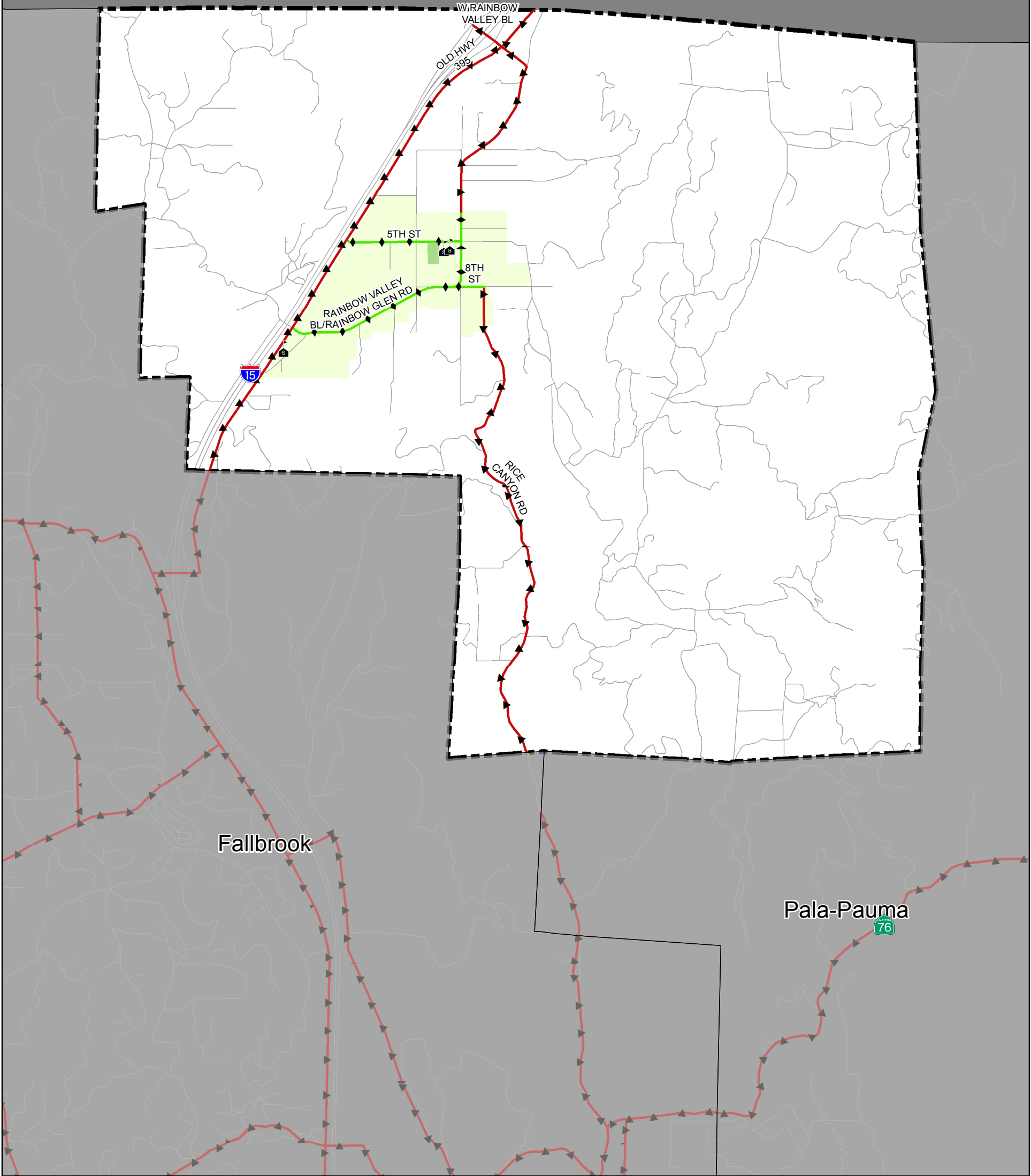
Parks

Library

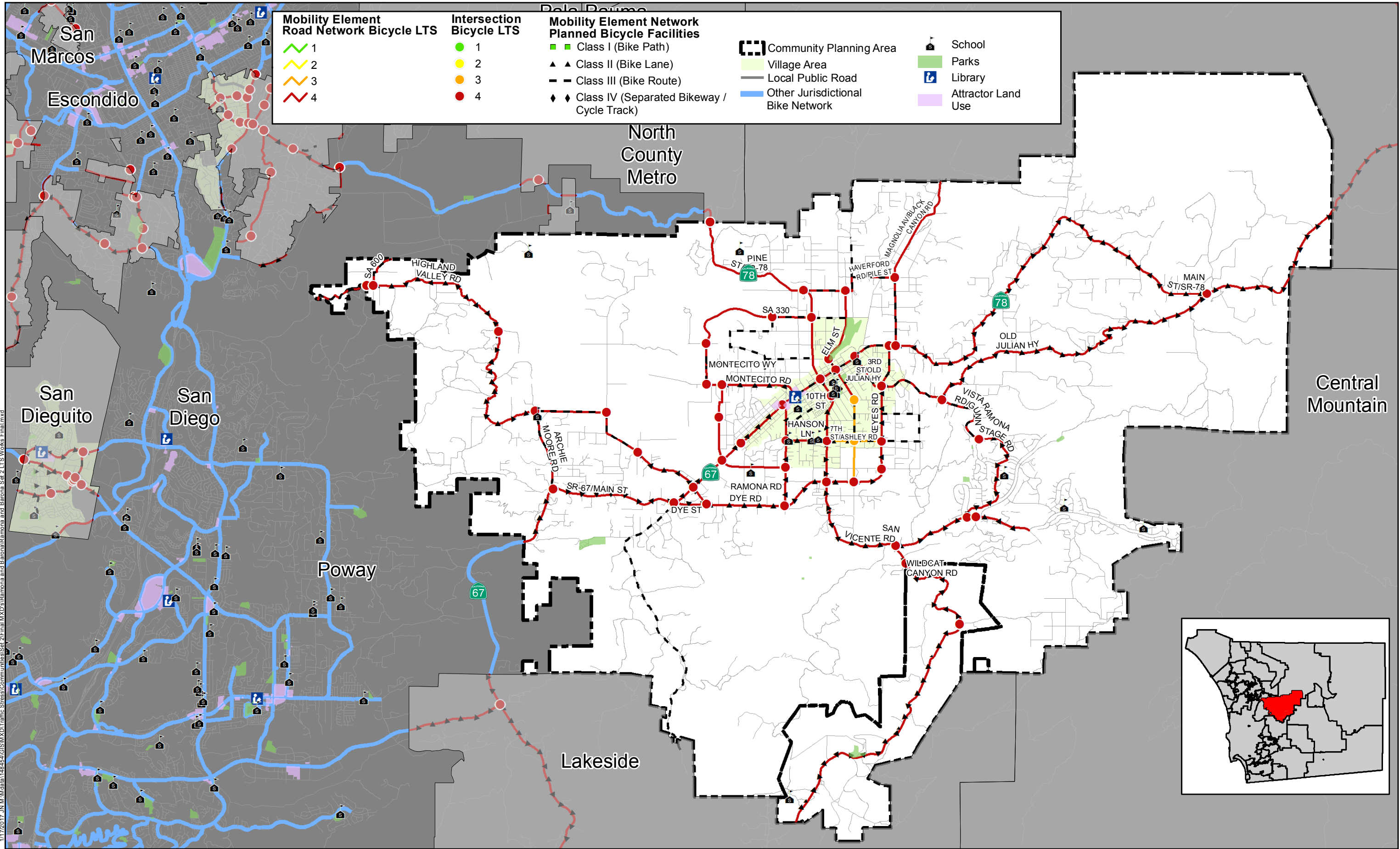
Attractor Land Use



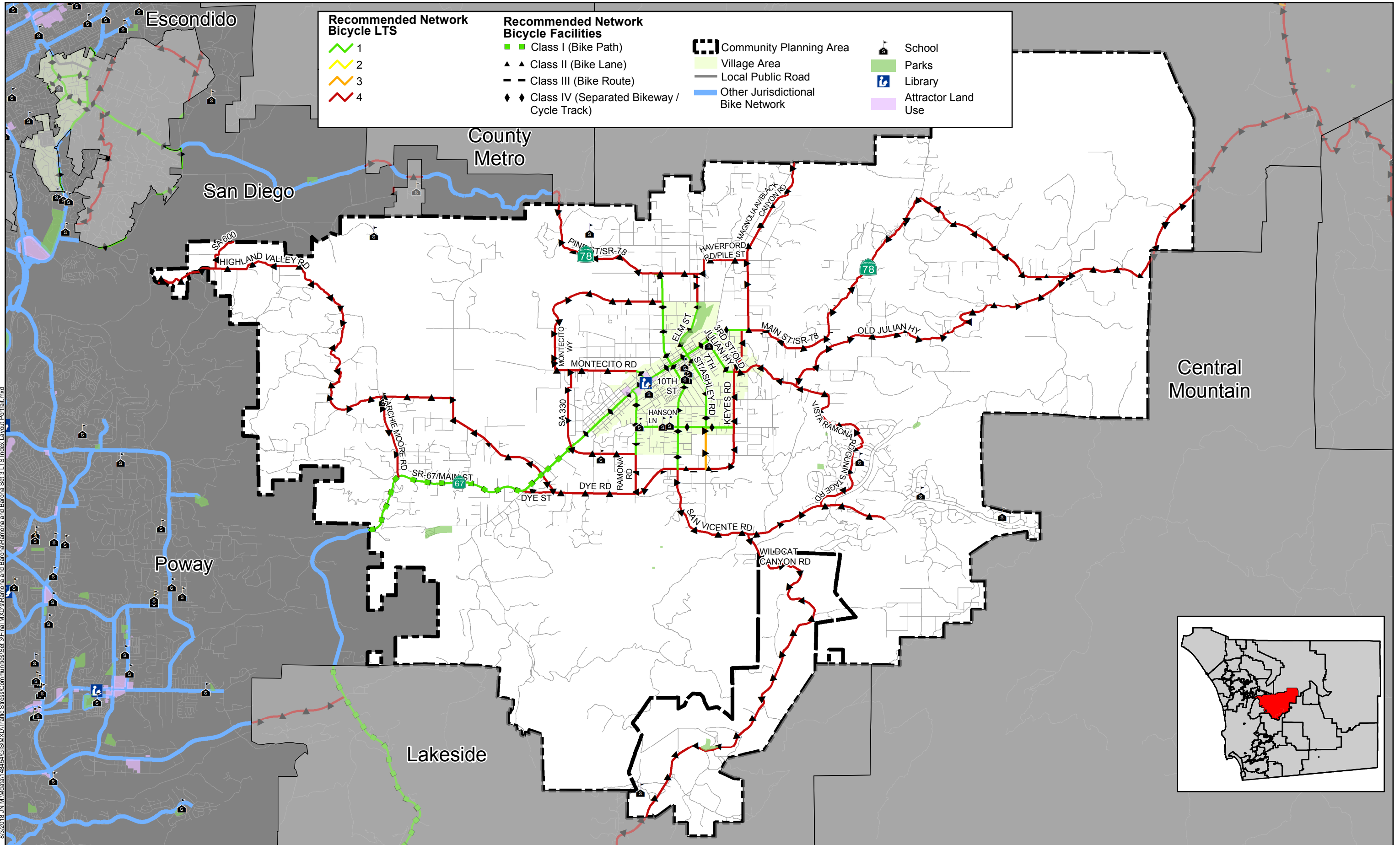
Riverside County



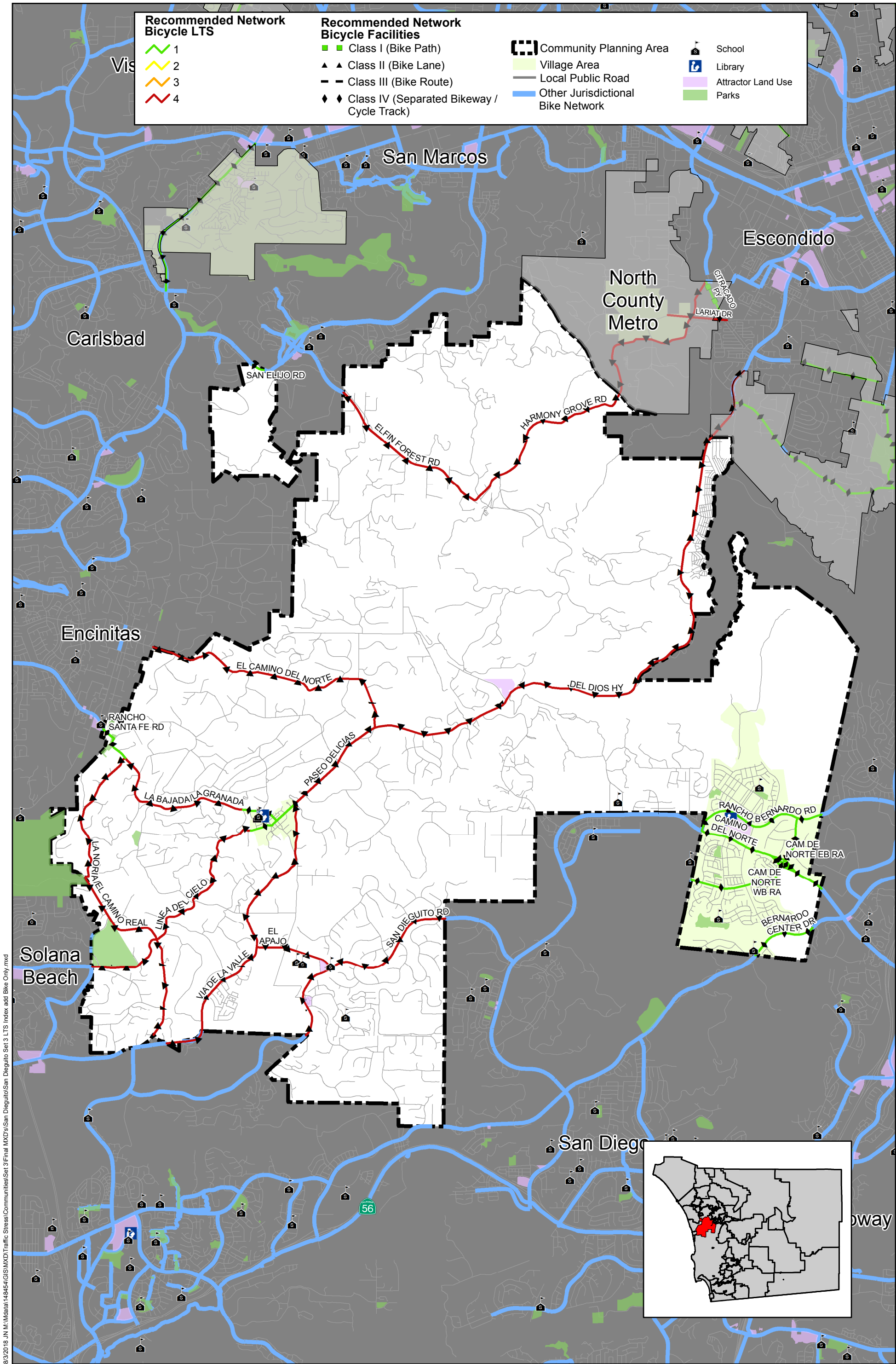
3/31/2017 J:\M\MapData\148454\GIS\MapXDTrafficStress\Communities\Set 3\Final MXD's\RainbowRainbow Set 3 LTS Index.mxd



1/17/2017 J:\M.M\data\1444444\GIS\MapX\Traffic Stress\Communities\Set 2\Final M.XD's\Ramona and Barona\Set 2 LTS Works Final.mxd

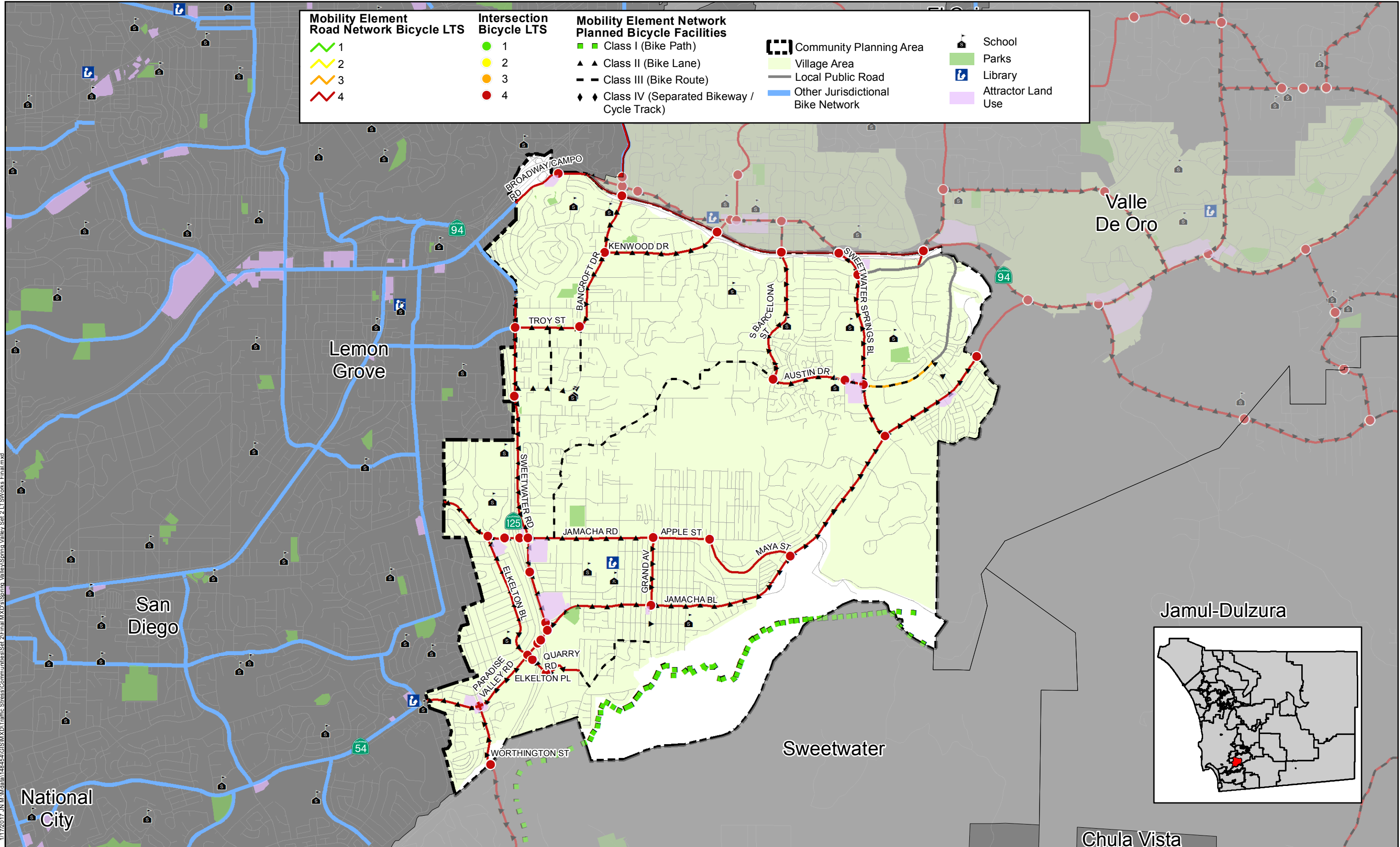


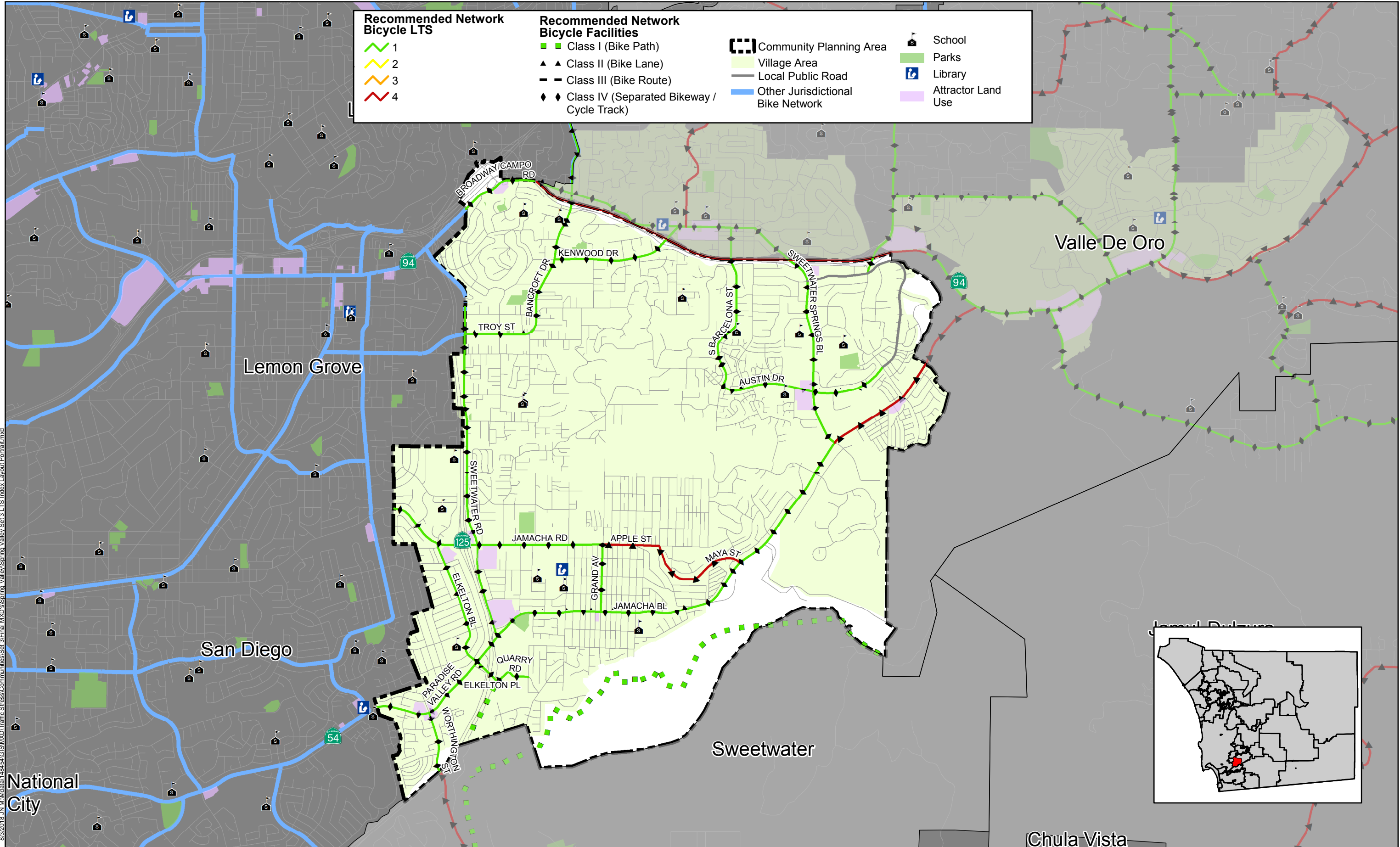
8/3/2018 J:\M:\data\148454\GIS\MXD\Traffic Stress\Communities\Set 3\Final MXD\San Ramona and Barona\Ramona and Barona Set 3 LTS Index Layout Portrait.mxd

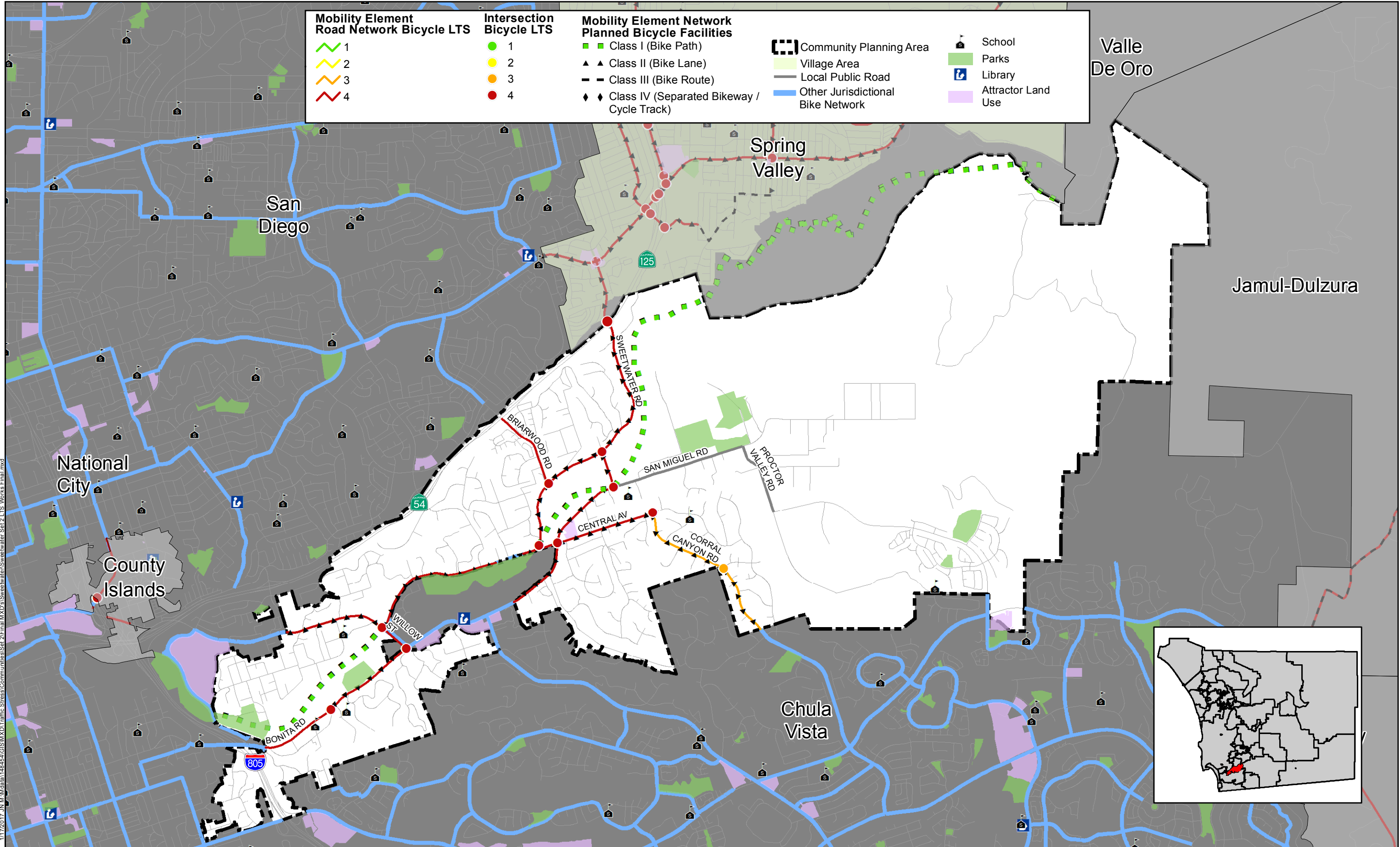


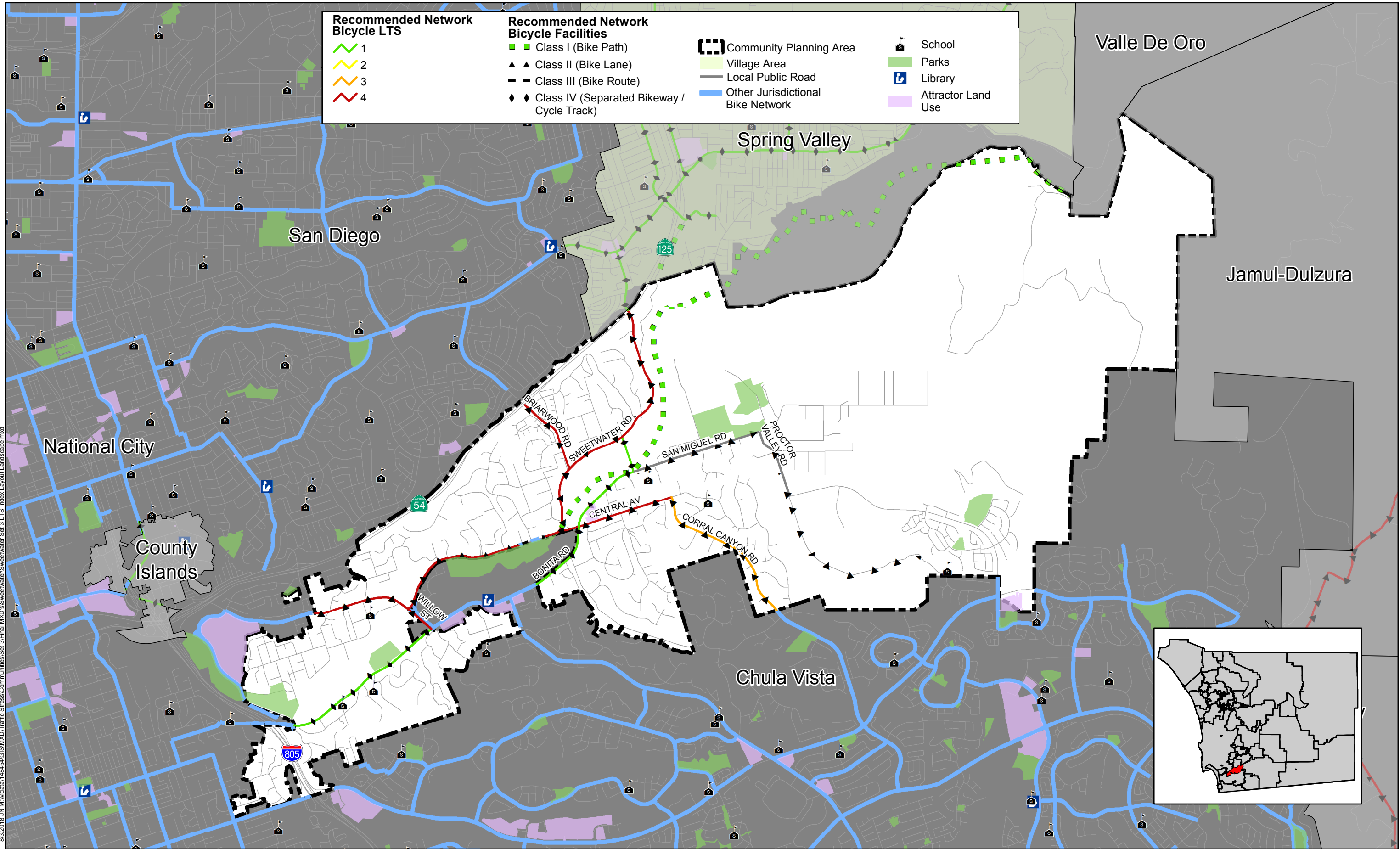
8/3/2018, 10:11 AM, 148454\GIS\MXD\Traffic Stress\Communities\Set 3\Final MXD\San Dieguito Set 3 LTS Index add Bike Only.mxd



























8/3/2018 J:\M:\Data\148454\GIS\MXD\Traffic Stress\Communities\Set 3\Final MXD\San Diego County ATP\Sweetwater\Sweetwater Set 3 LTS Index Layout Landscape.mxd

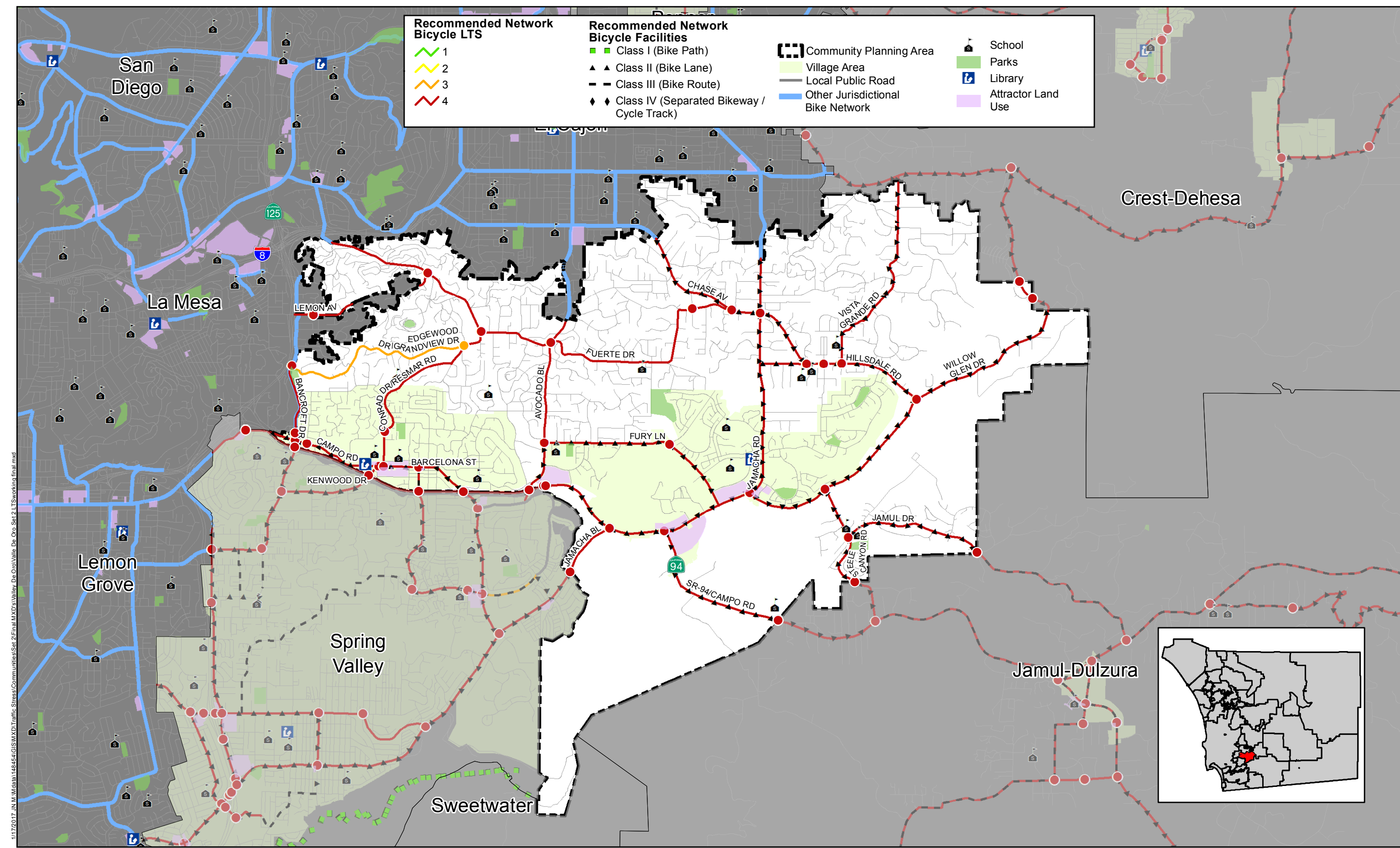


Recommended Network Bicycle LTS
 1
 2
 3
 4

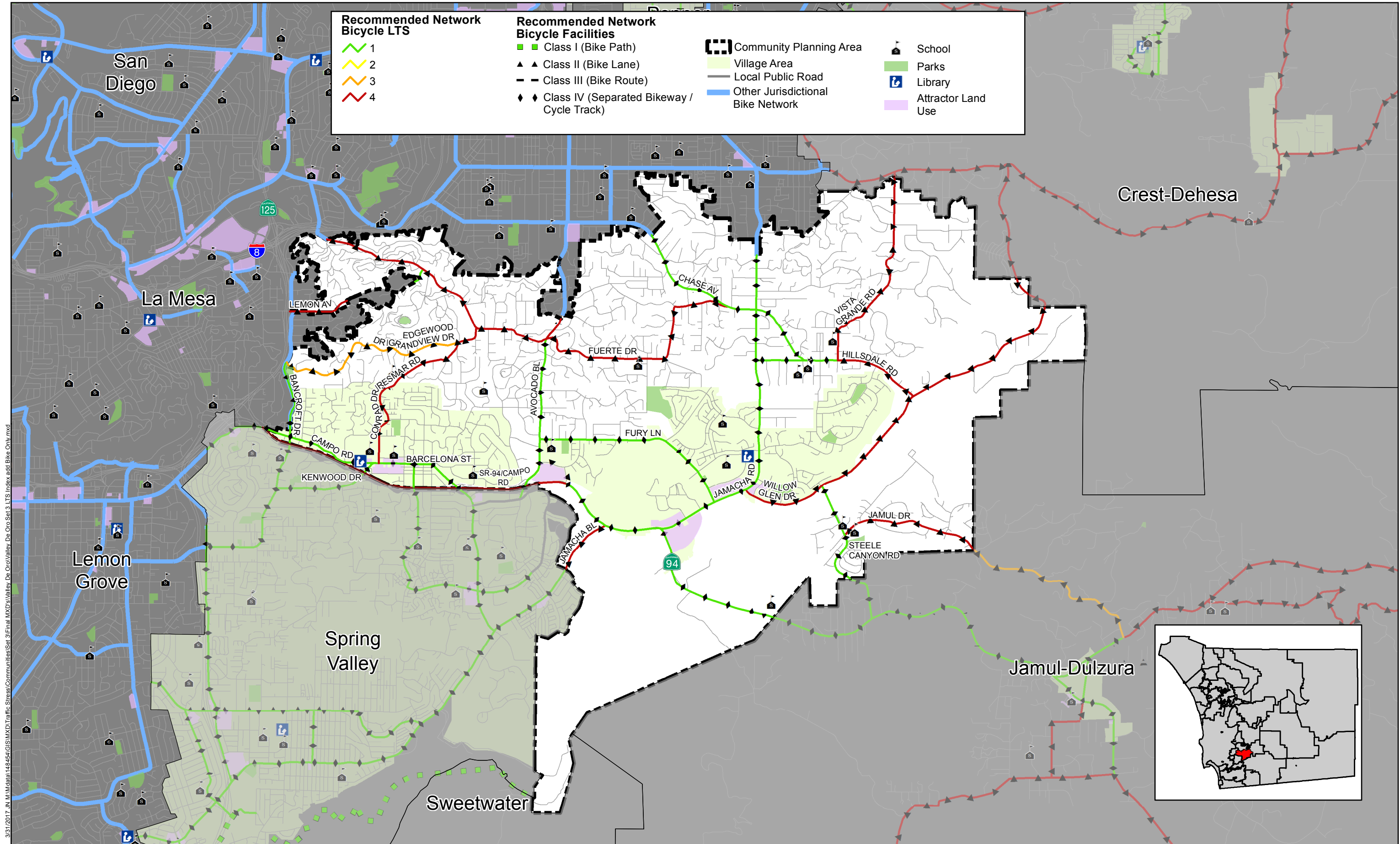
Recommended Network Bicycle Facilities
 Class I (Bike Path)
 Class II (Bike Lane)
 Class III (Bike Route)
 Class IV (Separated Bikeway / Cycle Track)

 Community Planning Area
 Village Area
 Local Public Road
 Other Jurisdictional Bike Network

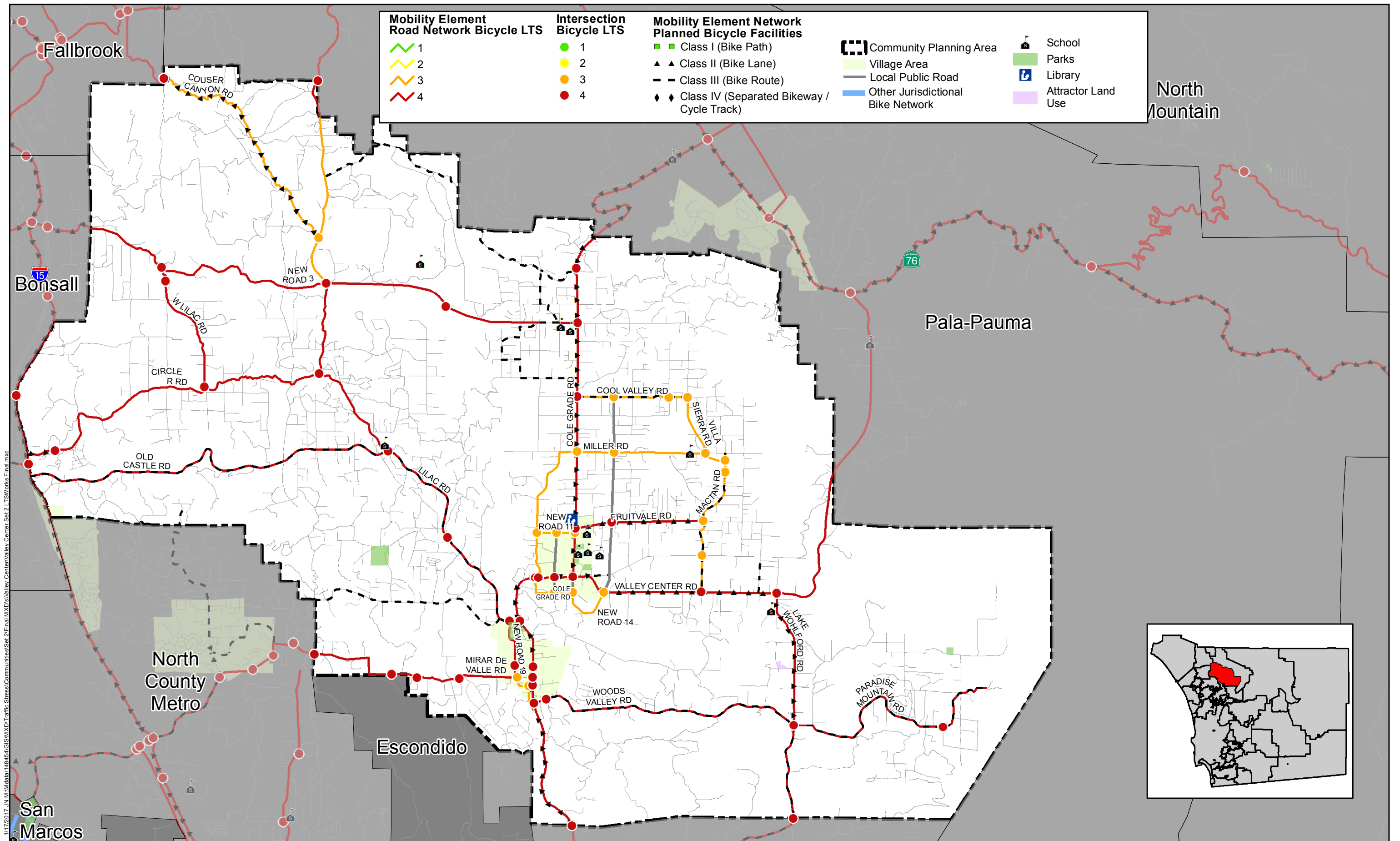
 School
 Parks
 Library
 Attractor Land Use



1/17/2017 J:\M\MapData\1484541\GIS\MapXDTrafficStress\Communities\Set 2\Final MXDs\Valley De Oro\Valle De Oro Set 2 LTS\working final.mxd



3/31/2017 11:44:44 AM M:\data\144444\GIS\MXD\Traffic Stress\Communities Set 3\Final MXD\Valle De Oro\Valle De Oro Set 3 LTS Index add Bike Only.mxd



1/17/2017 J:\M.M\data\1484541\GIS\SW\CD\Traffic Stress\Communities\Set 2\Final M.XD\Valley Center\Valley Center Set 2 LTS\Works Final.mxd



Recommended Network Bicycle LTS

- 1
- 2
- 3
- 4

Recommended Network Bicycle Facilities

- Class I (Bike Path)
- Class II (Bike Lane)
- Class III (Bike Route)
- Class IV (Separated Bikeway / Cycle Track)

- Community Planning Area
- Village Area
- Local Public Road
- Other Jurisdictional Bike Network

- School
- Parks
- Library
- Attractor Land Use

