

# Natural Environment Study Volume 2: Figures



## State Route 85 Express Lanes Project

**State of California  
Department of Transportation  
District 04**

Santa Clara County, CA  
No. 0400001163/EA 4A7900

SR 85 PM 0.0–24.1  
US 101 PM 23.1–28.6  
US 101 PM 47.9–52.0

October 2013



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# Contents

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## **Volume 1: Text and Appendices (Under Separate Cover)**

## **Volume 2: Figures**

Figure 1: Project Location and Regional Setting

Figure 2: Project Area (2 sheets)

Figure 3: Watersheds and Streams in the BSA

Figure 4: Soils in the BSA (4 sheets)

Figure 5: Habitat Types in the BSA and Project Area (35 sheets)

Figure 6A: Special-Status Plant Occurrences Within 1 Mile of the BSA

Figure 6B: Special-Status Wildlife Occurrences Within 1 Mile of the BSA

Figure 7: Permanent Impacts to Habitat Types in the Project Area (4 sheets)

Figure 8: Waters and Wetlands of the U.S. in the BSA and Project Area (36 sheets)

Figure 9: Impacts to Upland Dispersal Habitat in the Project Area (10 sheets)

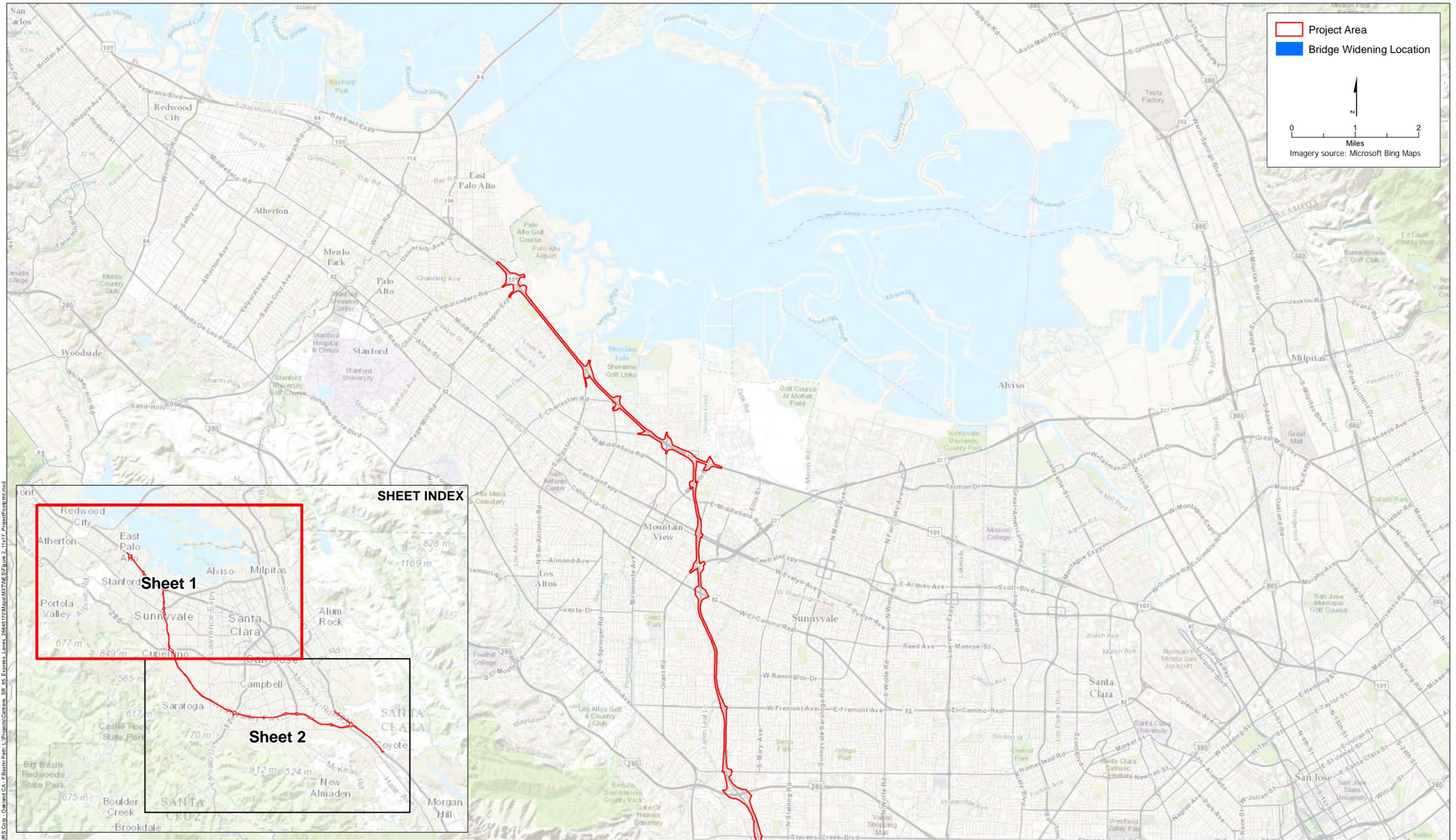
## **Volume 3: Detailed Mapping – California Red-Legged Frog, California Tiger Salamander, and Bay Checkerspot Butterfly (Under Separate Cover)**

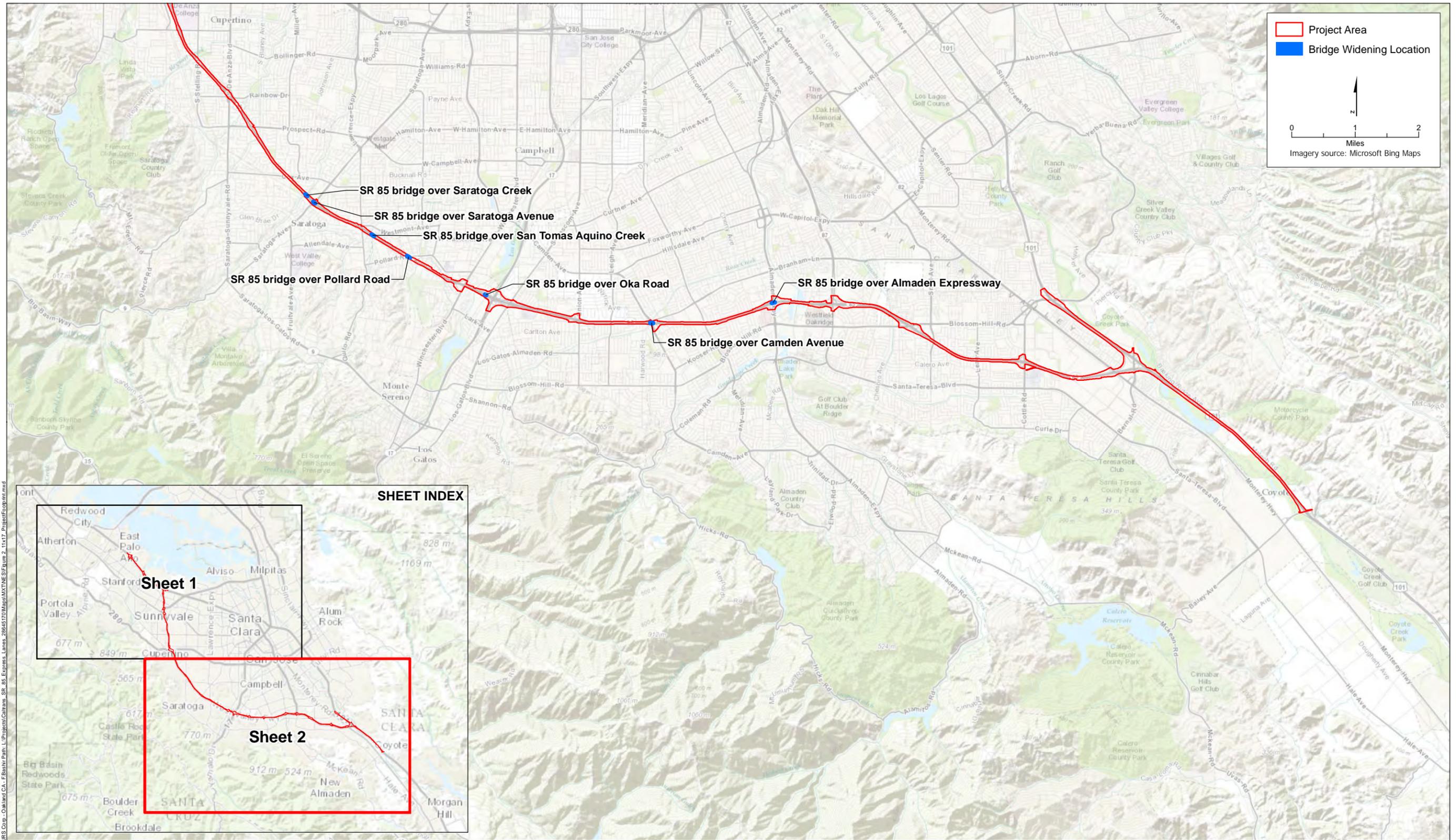


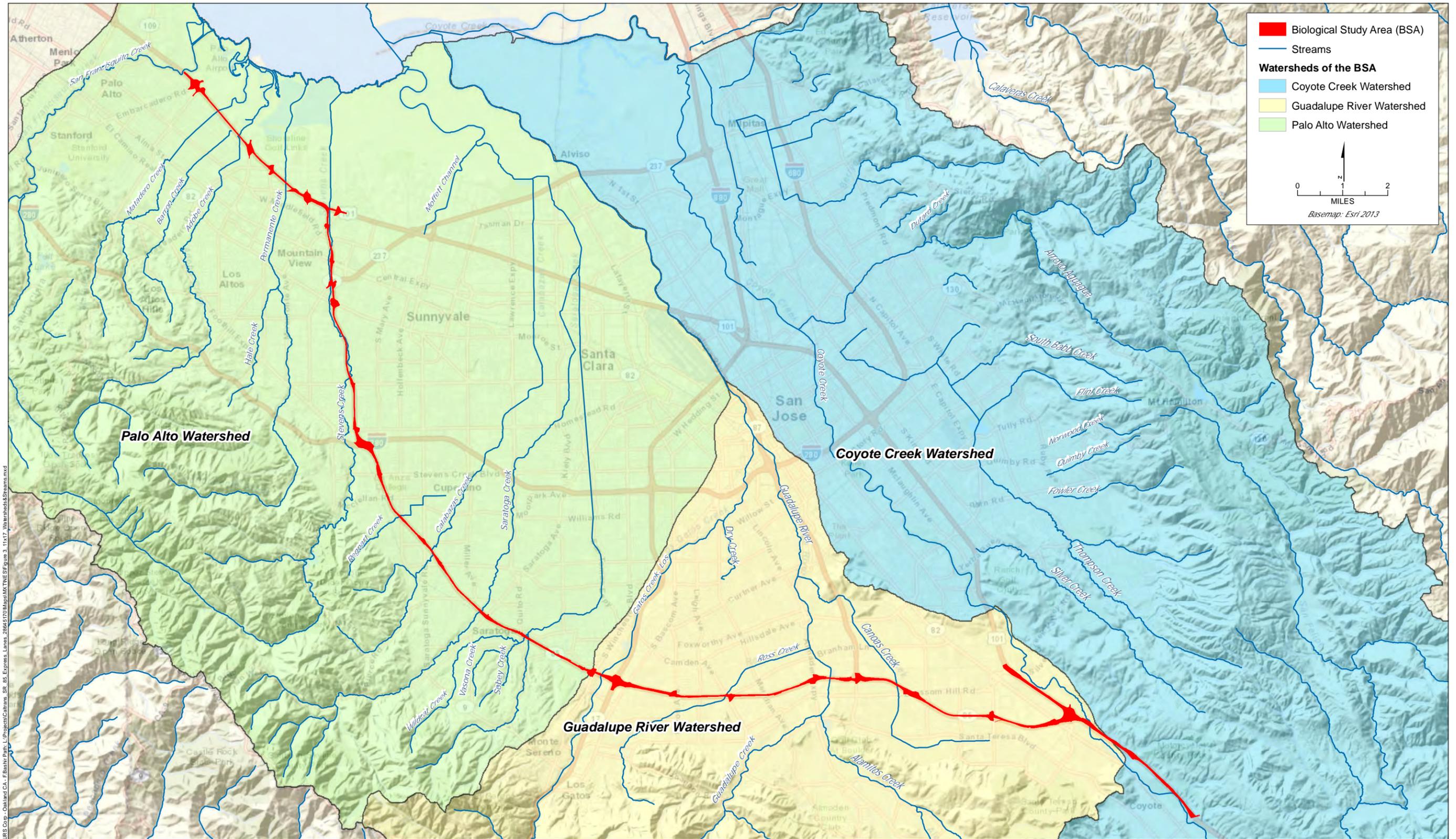
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Caltrans  
State Route 85 Express Lanes

**Figure 1**  
Project Location and Regional Setting







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**Figure 3**  
Watersheds and Streams in the BSA

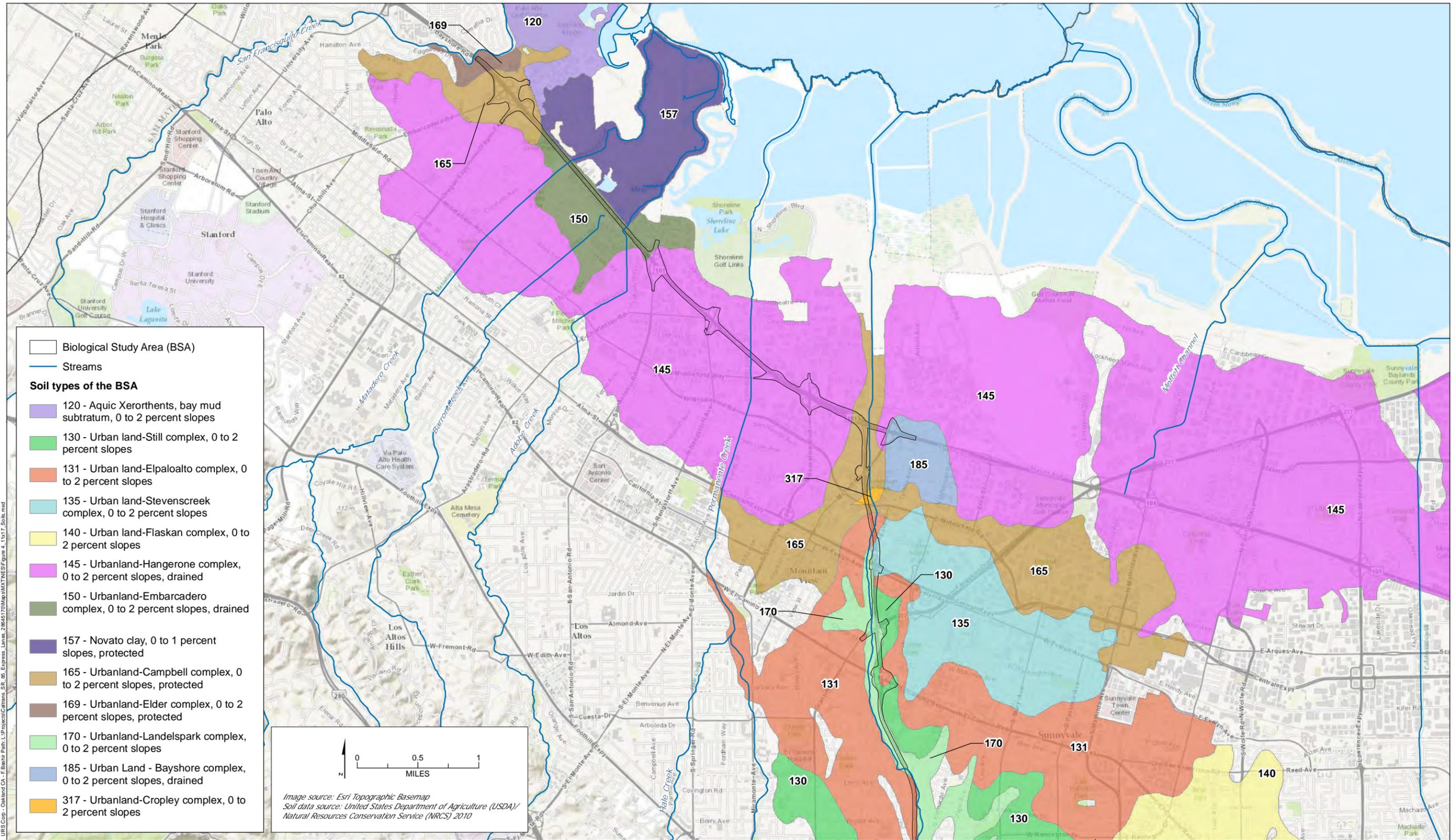
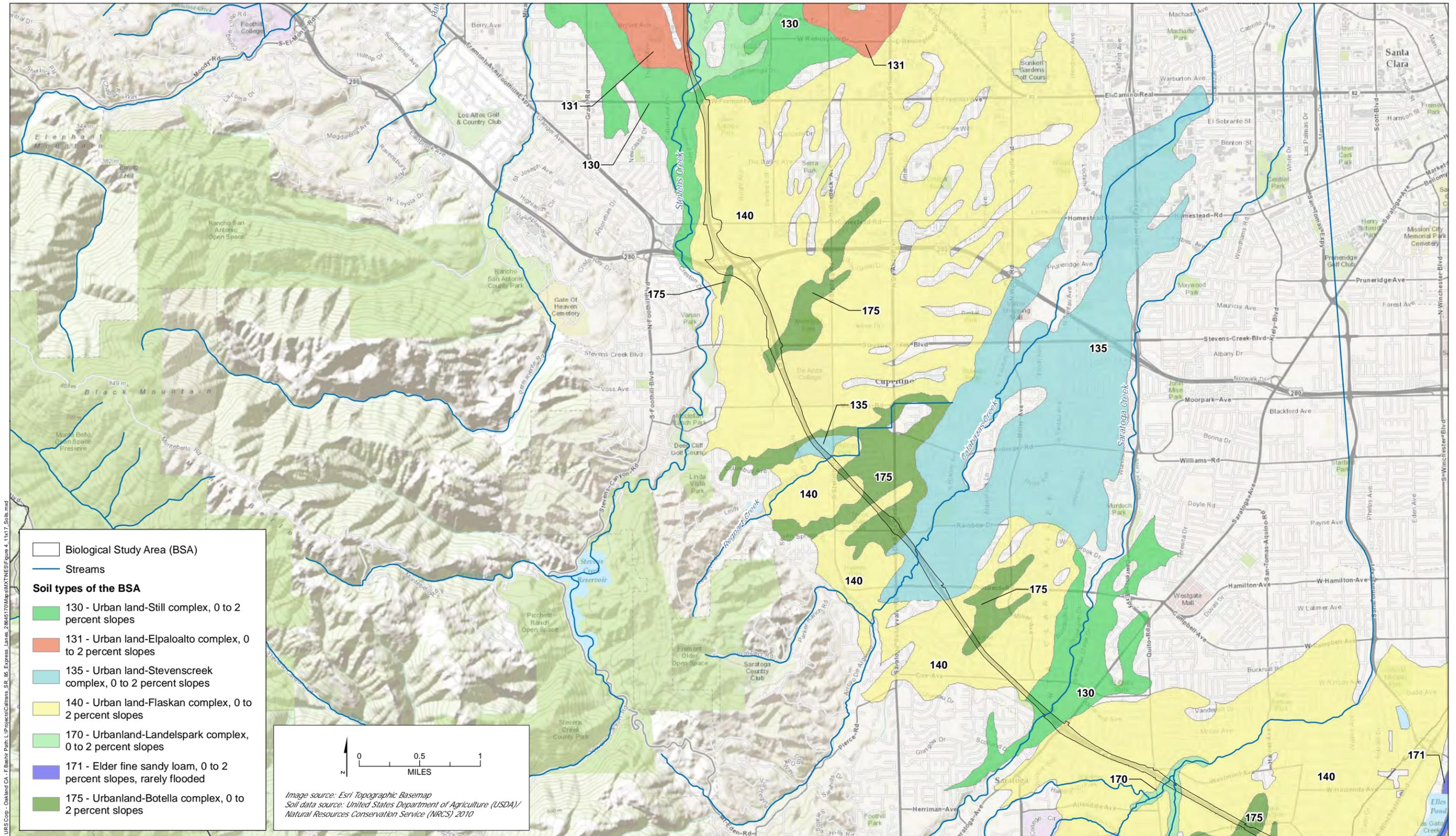
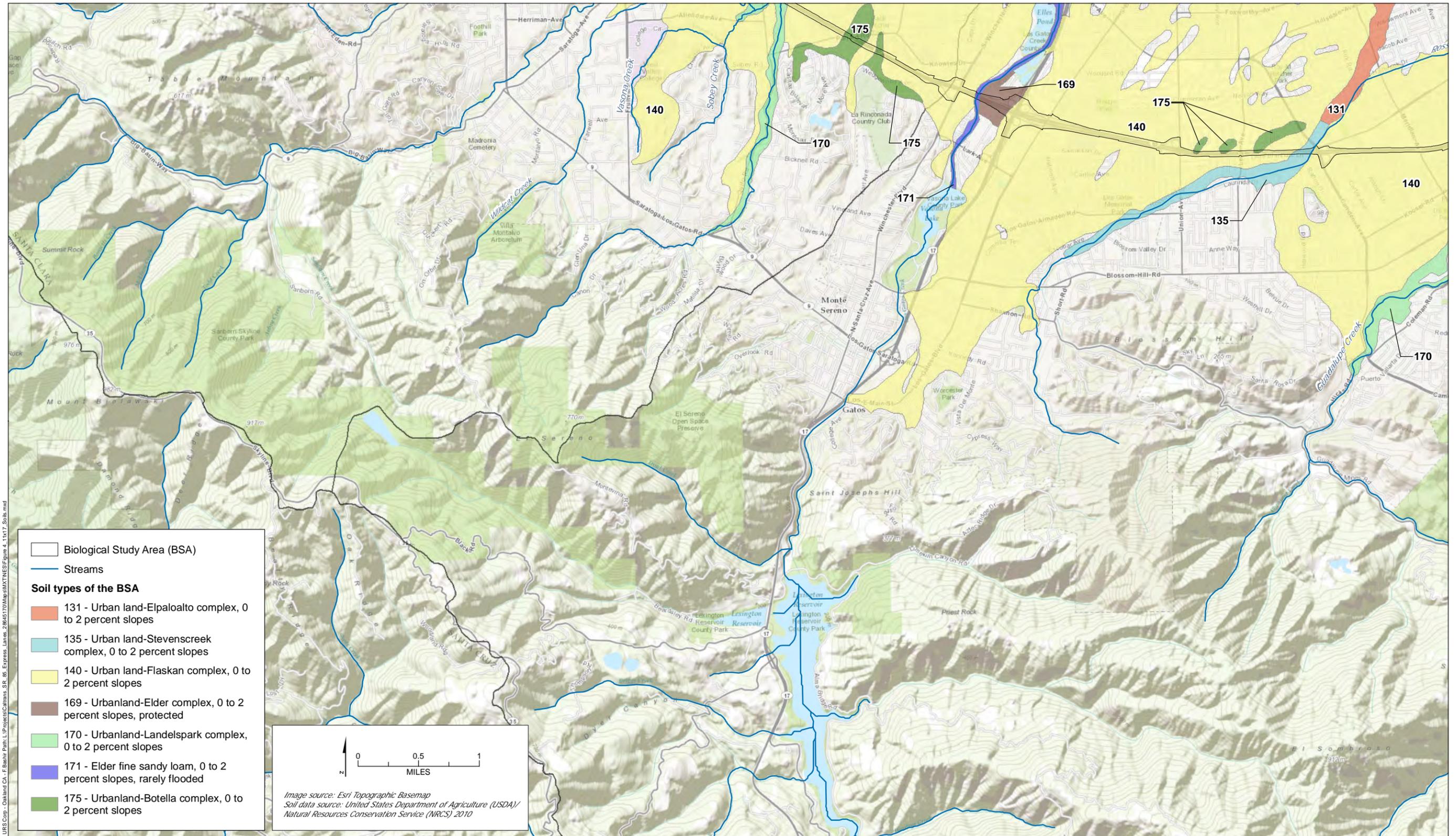


Figure 4, Sheet 1 of 4  
 Soils in the BSA





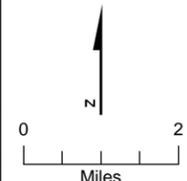
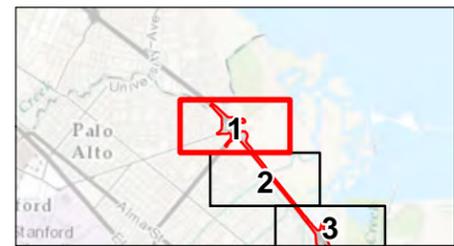
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**Figure 4, Sheet 3 of 4**  
 Soils in the BSA





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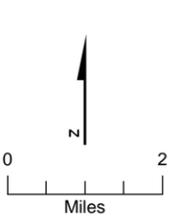
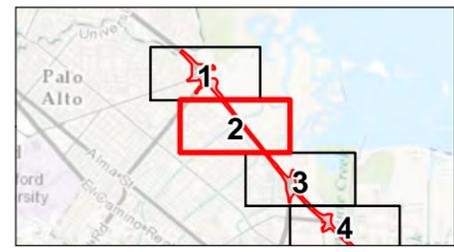


Biological Study Area (BSA)	California Bay Riparian Forest	Coyote Brush Scrub	Landscaped (Blue Gum Eucalyptus)	Ruderal Disturbed	Stream/River*
Project Area	California Sycamore Woodland	Dirt Road	Landscaped (Coast Live Oak)	Sandbar Willow Thicket	
<b>Habitat Types</b>	Cattail Marsh	Disturbed Annual Grassland	Landscaped (Conifer Woodland)	Serpentine Grassland	
Arroyo Willow Forest	Cement Rip Rap	Fremont Cottonwood Forest	Percolation Pond	White Alder Forest	
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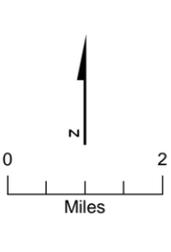
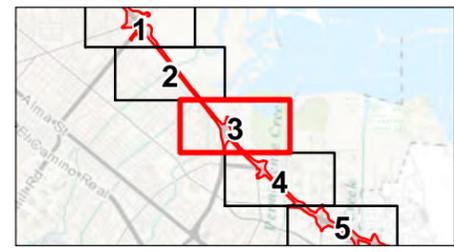
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**Figure 5**  
**Sheet 2**  
Habitat Types in the BSA and Project Area



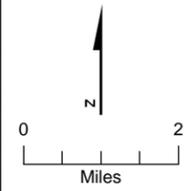
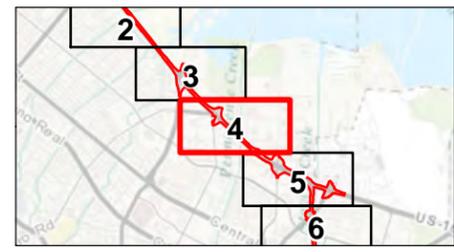
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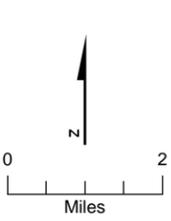
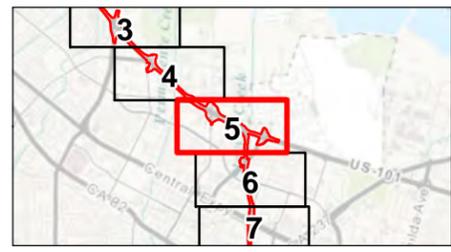
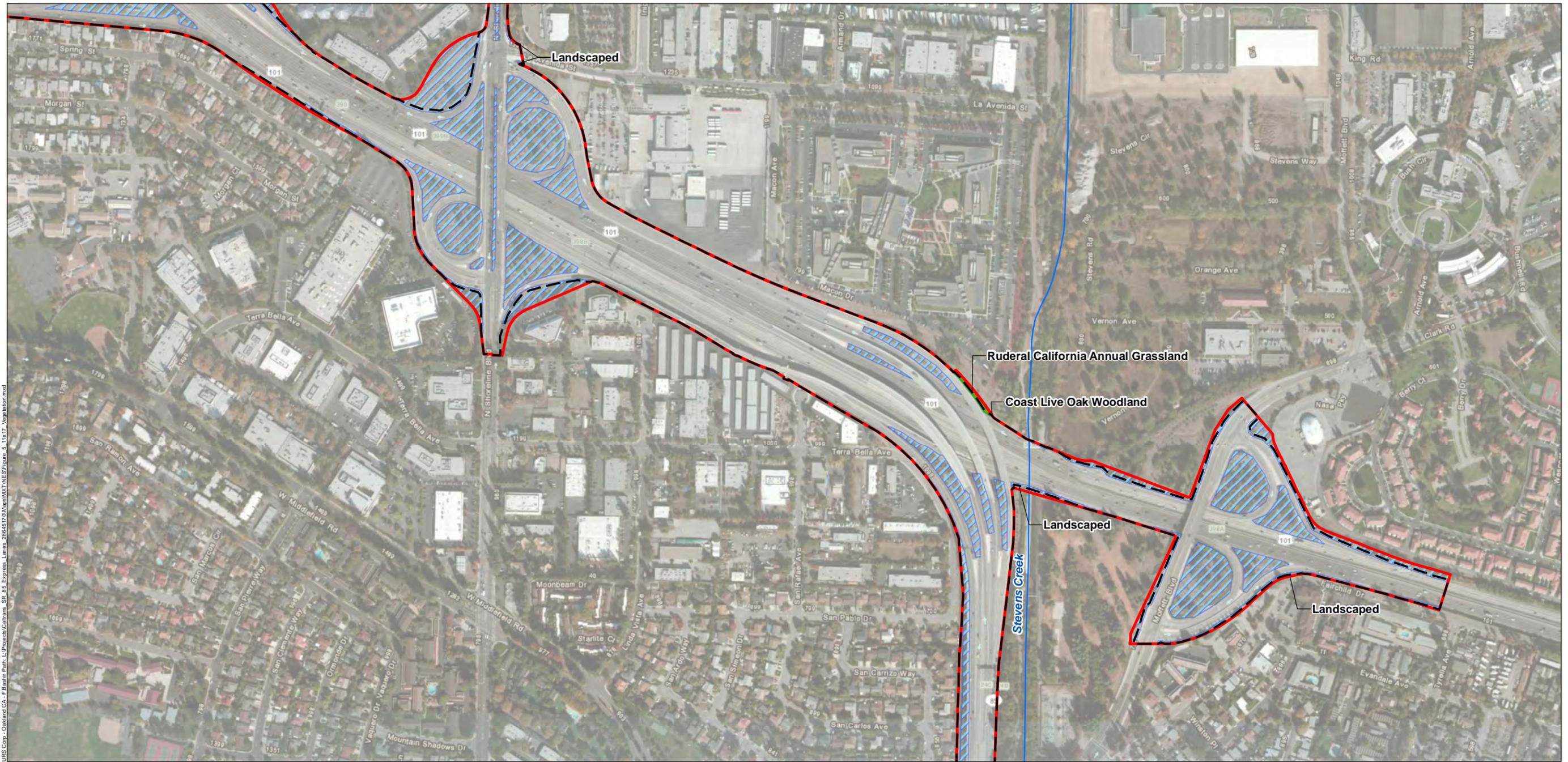


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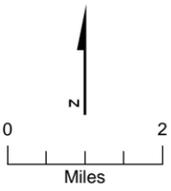
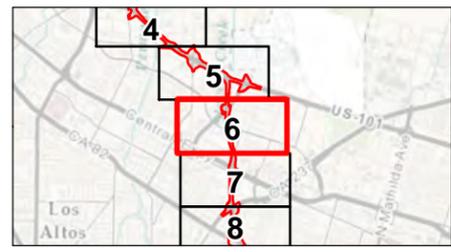
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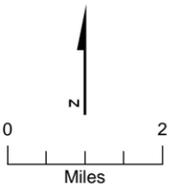
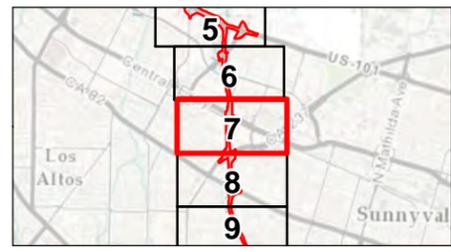
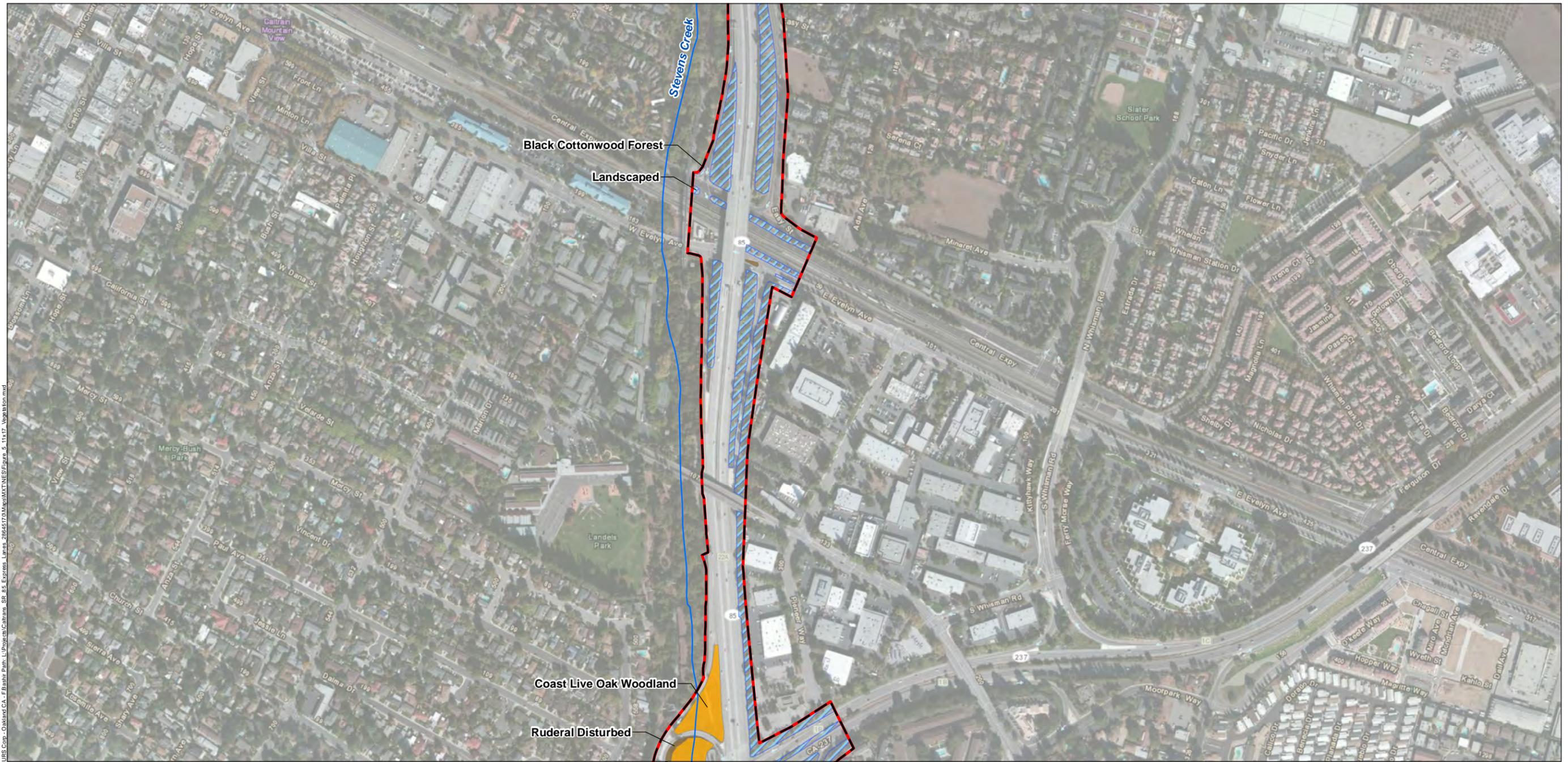
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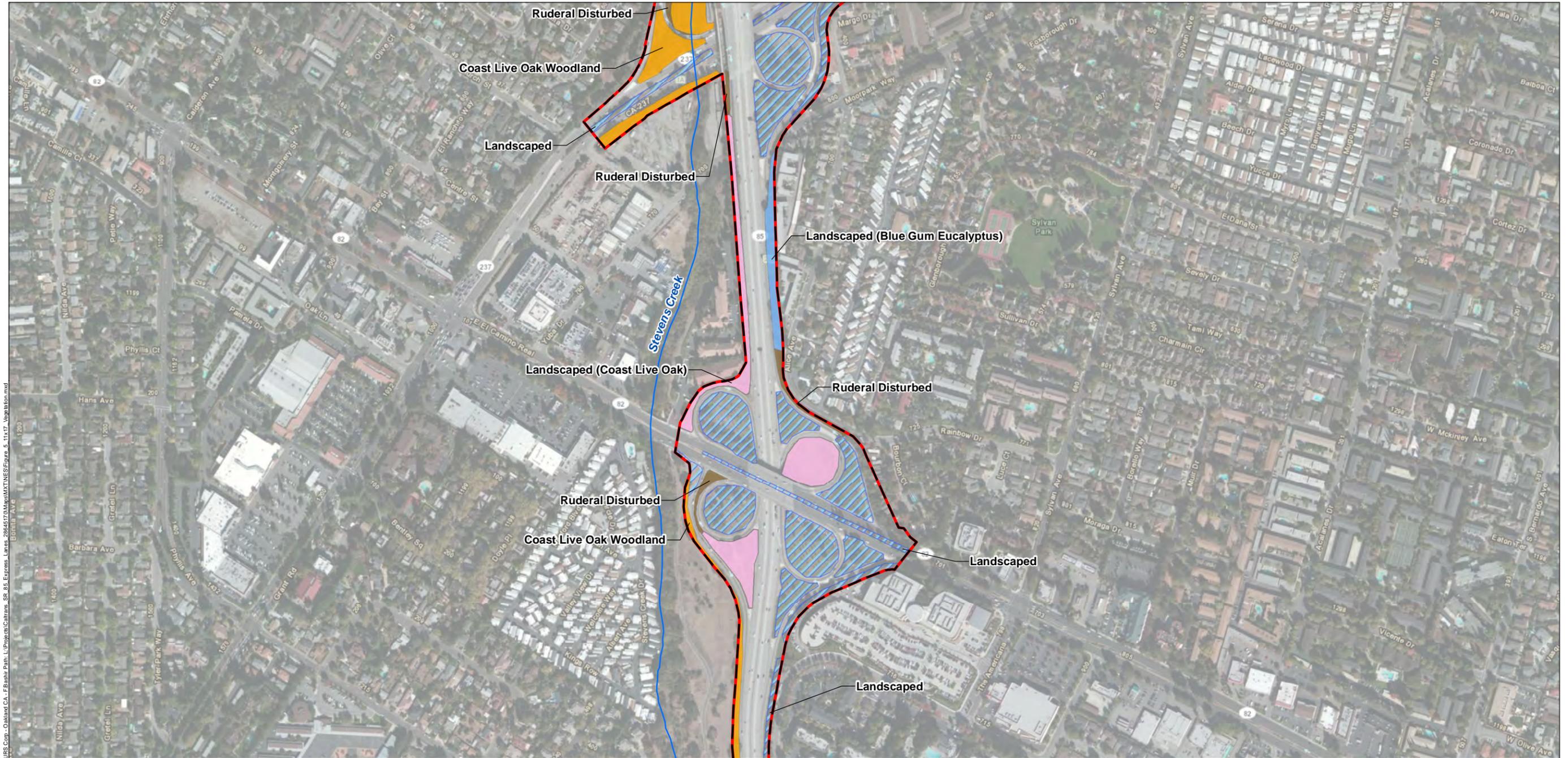
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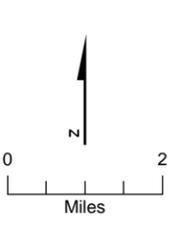
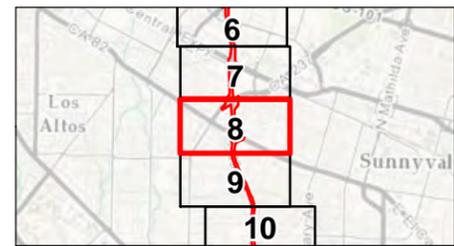
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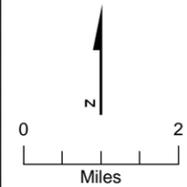
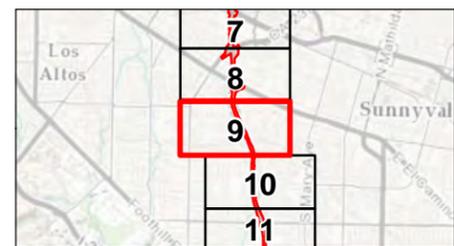


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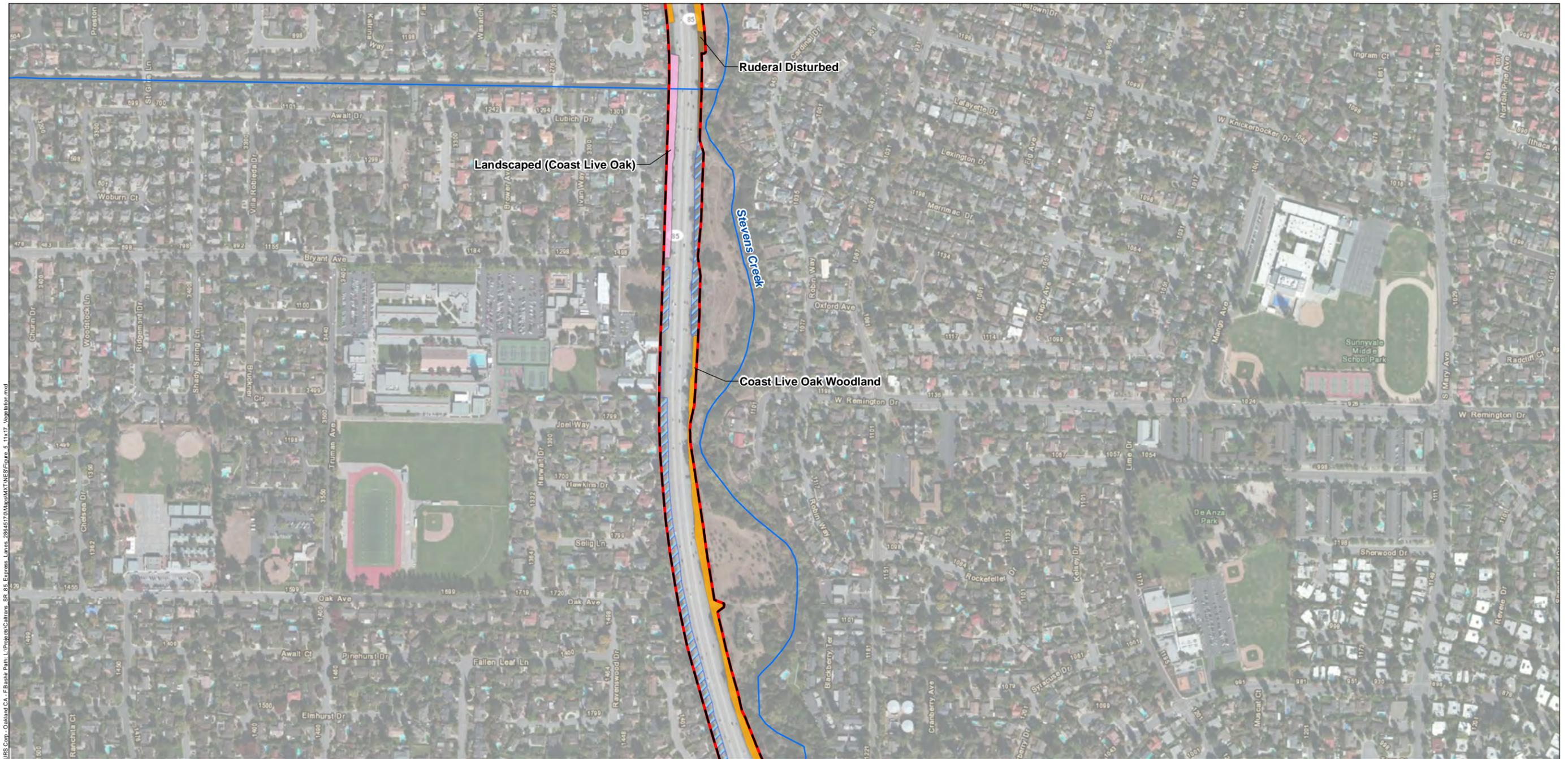


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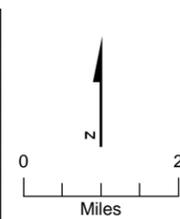
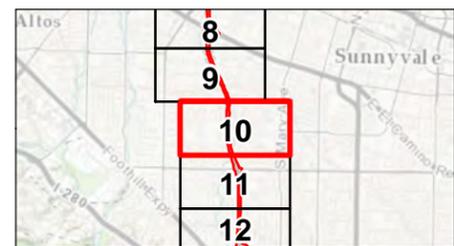
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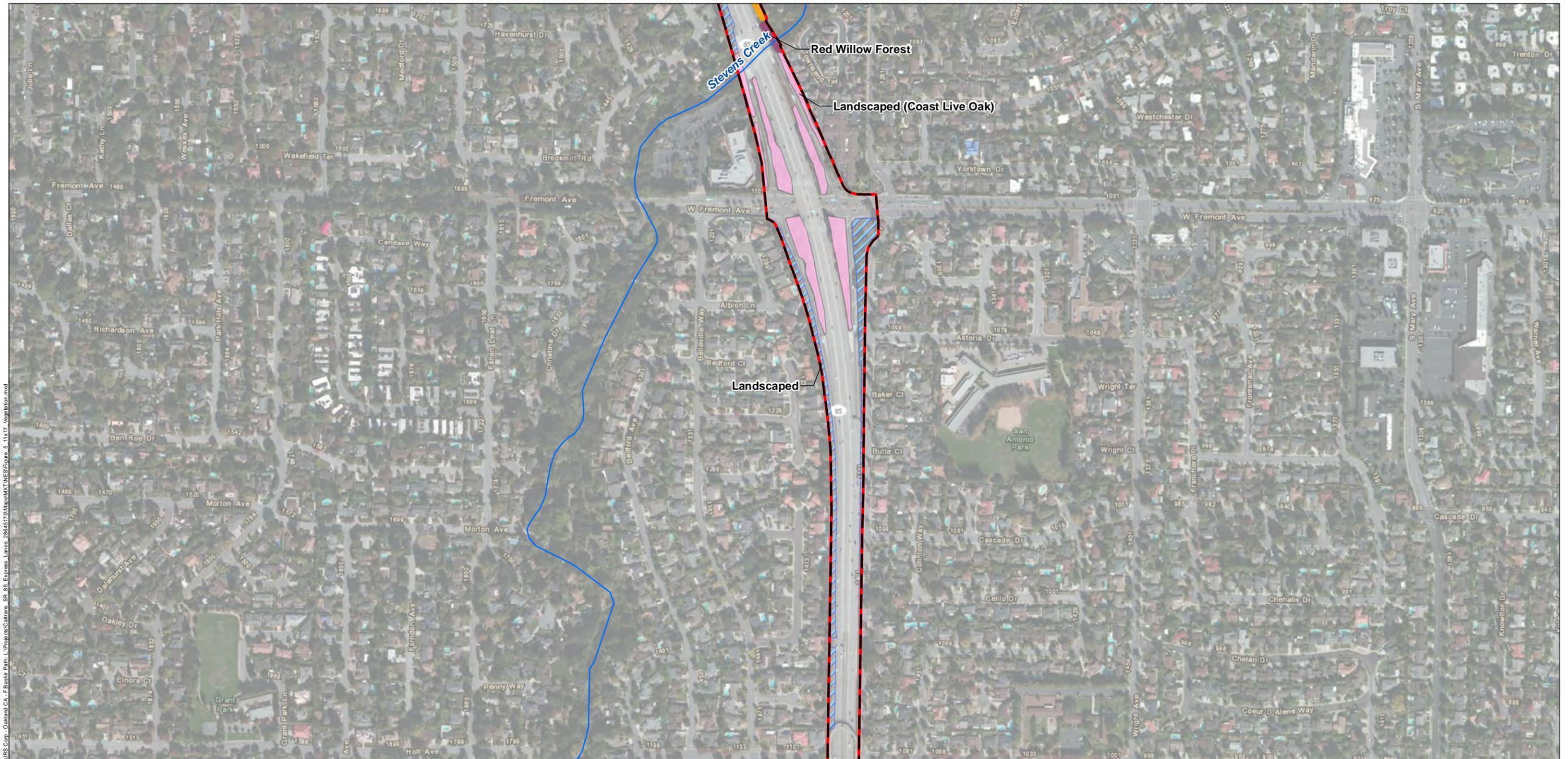


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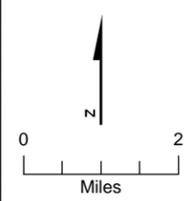
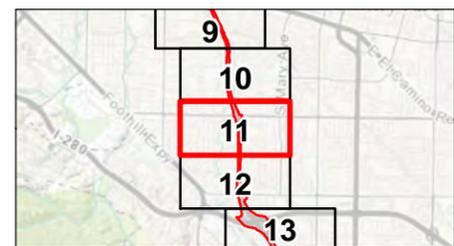


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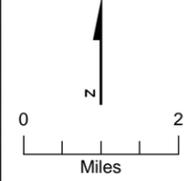
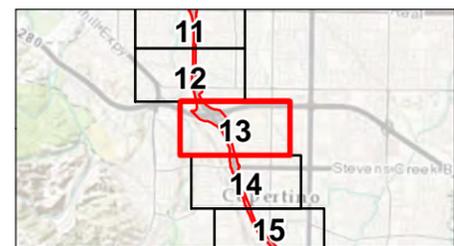
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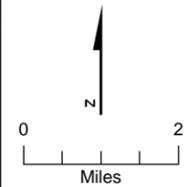
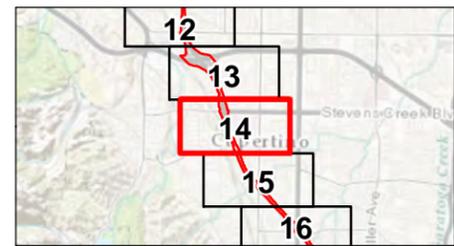


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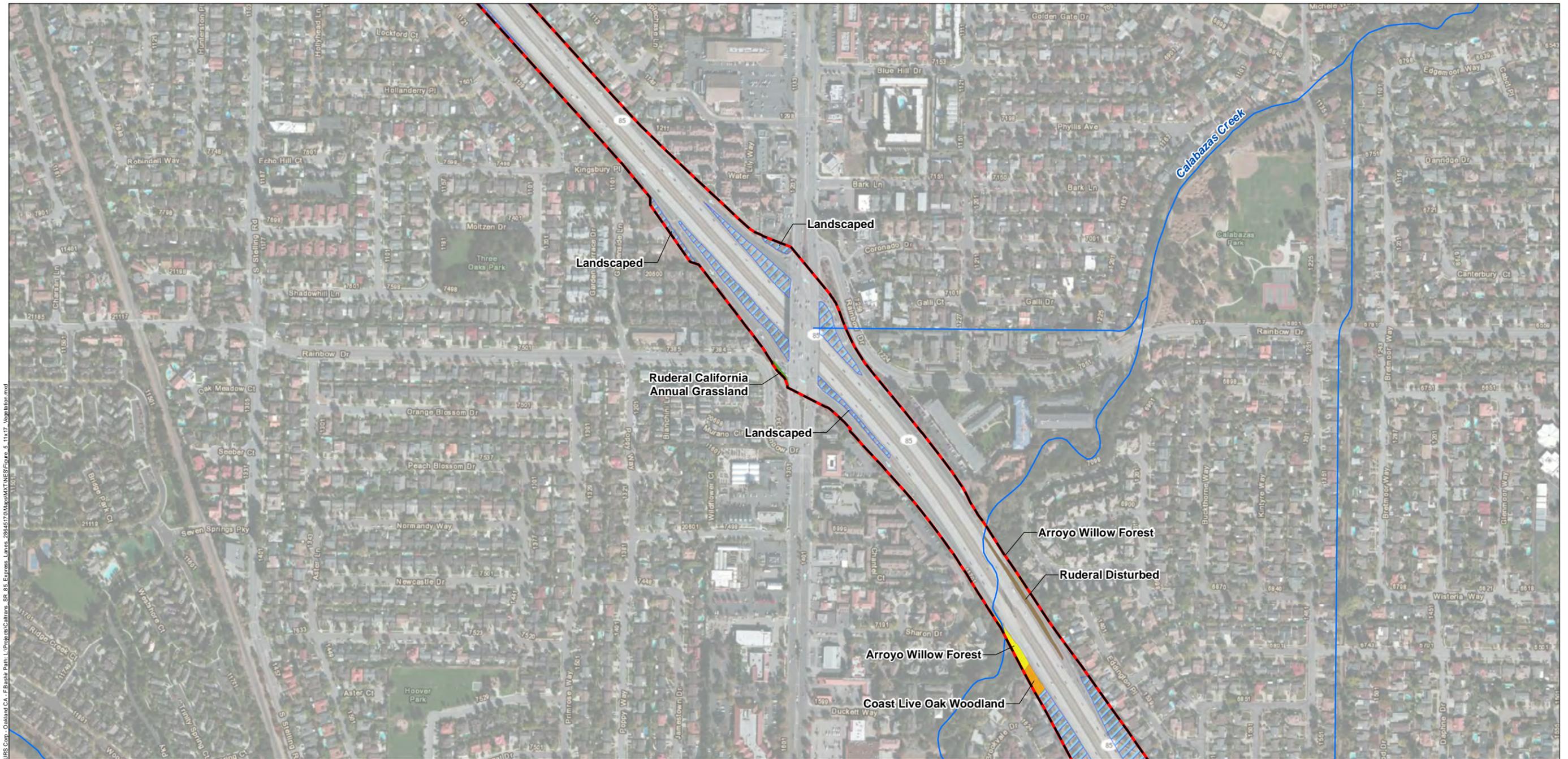
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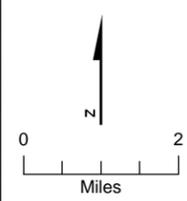
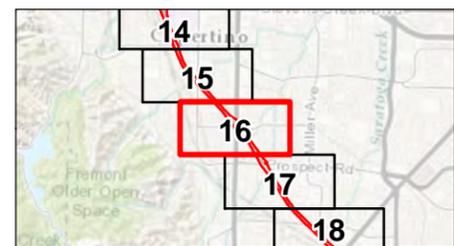
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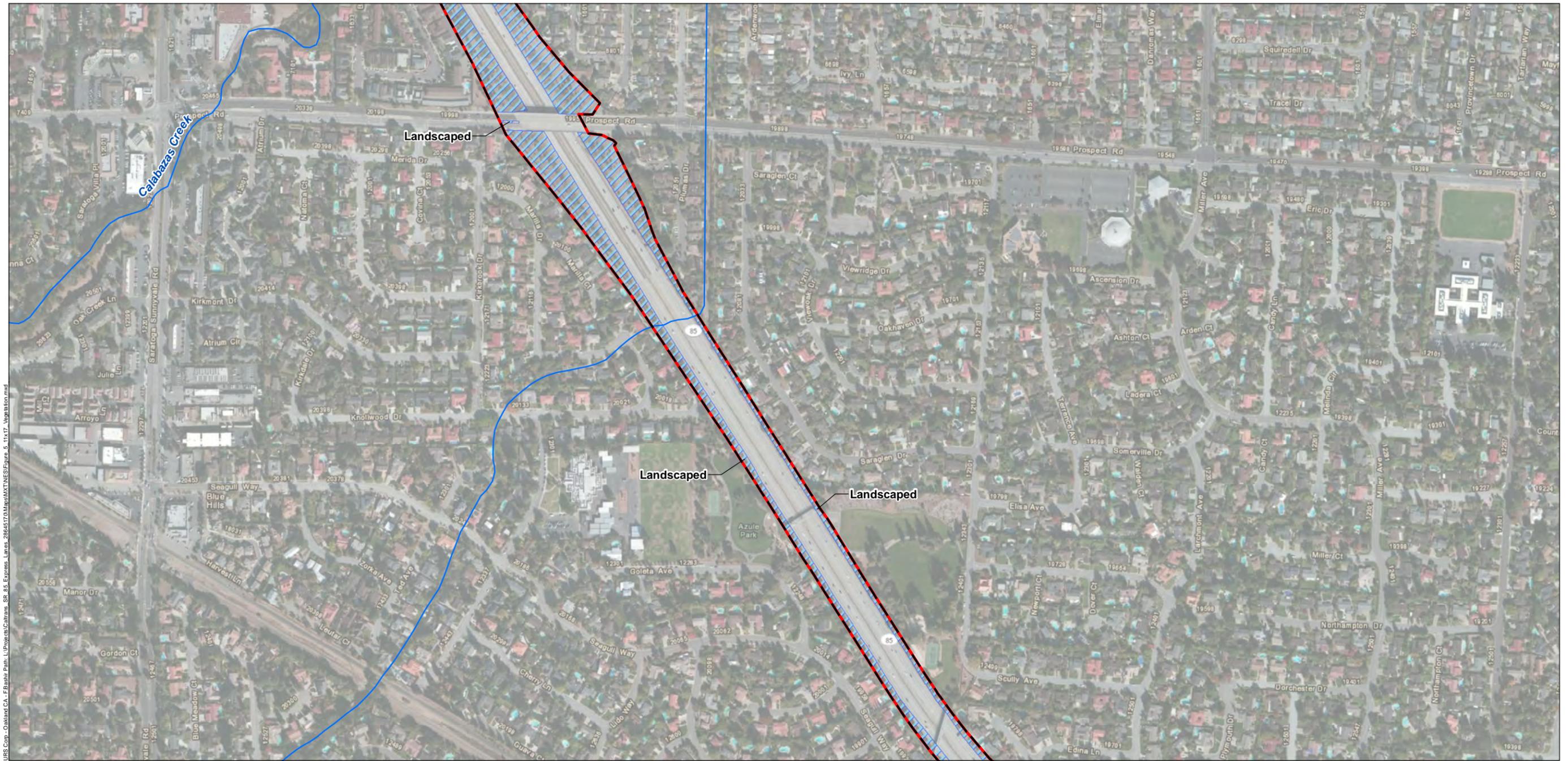


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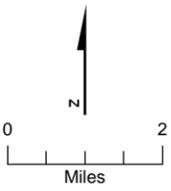
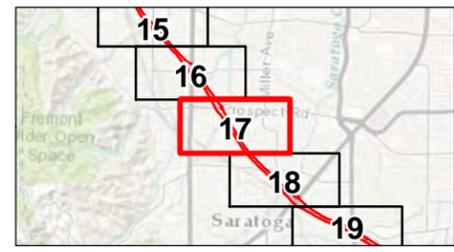


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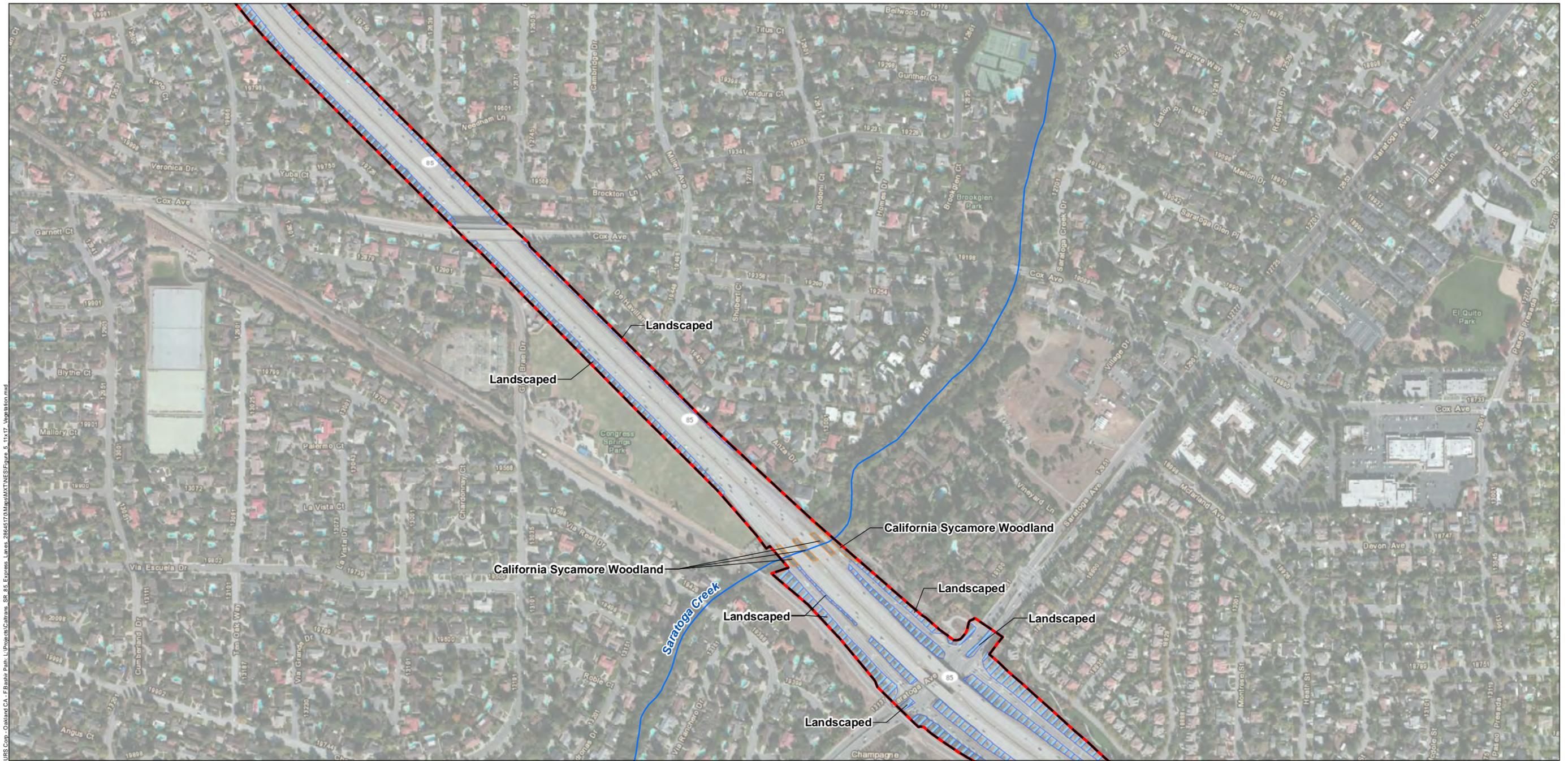
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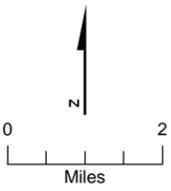
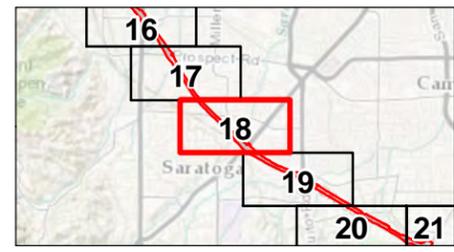
Biological Study Area (BSA)	California Bay Riparian Forest	Coyote Brush Scrub	Landscaped (Blue Gum Eucalyptus)	Ruderal Disturbed	Stream/River*
Project Area	California Sycamore Woodland	Dirt Road	Landscaped (Coast Live Oak)	Sandbar Willow Thicket	
<b>Habitat Types</b>	Cattail Marsh	Disturbed Annual Grassland	Landscaped (Conifer Woodland)	Serpentine Grassland	
Arroyo Willow Forest	Cement Rip Rap	Fremont Cottonwood Forest	Percolation Pond	White Alder Forest	
Black Cottonwood Forest	Coast Live Oak Woodland	Introduced Perennial Grassland	Red Willow Forest		
	Coast Live Oak-Walnut Woodland	Landscaped	Ruderal California Annual Grassland		

\*Streams and rivers shown as blue lines in this figure are from the National Hydrography Dataset. Some streams are unlabeled because the dataset does not include names for all ephemeral and intermittent waterways.

**Figure 5**  
**Sheet 17**  
Habitat Types in the BSA and Project Area

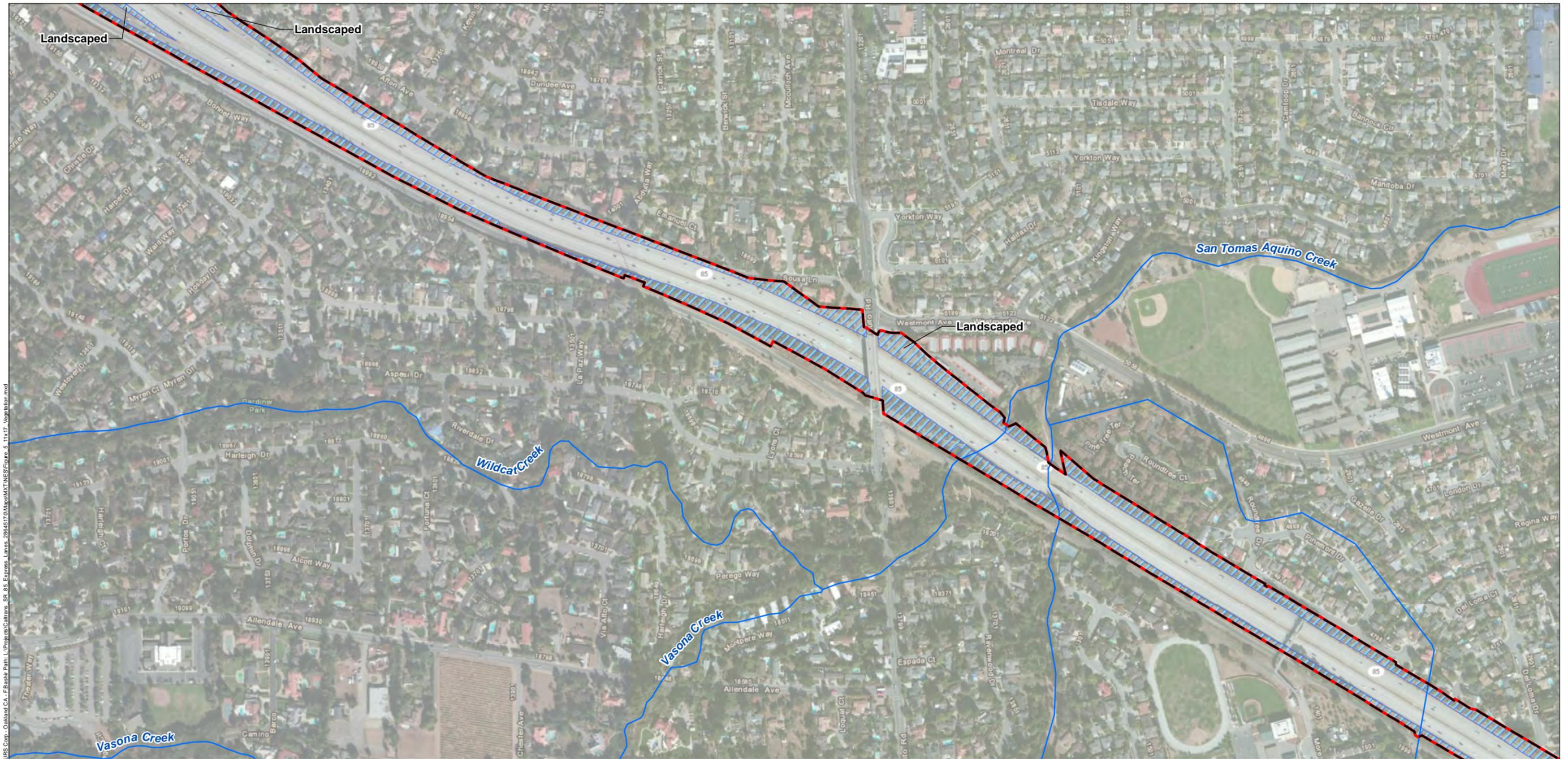


URS Corp., Oakland, CA; Earthrhythm, Inc.; URS Corp.; Caltrans, SB, 85 Express Lanes, 2014/05/17, Map/MXTIME/SURF/85\_11x17\_VisualInformation.mxd

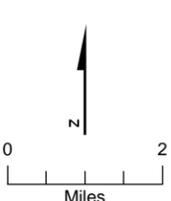
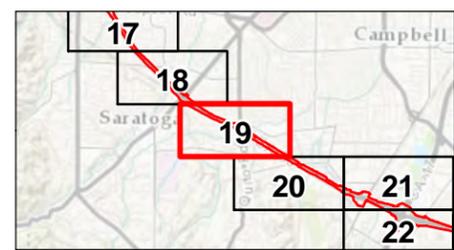


Biological Study Area (BSA)	California Bay Riparian Forest	Coyote Brush Scrub	Landscaped (Blue Gum Eucalyptus)	Ruderal Disturbed	Stream/River*
Project Area	California Sycamore Woodland	Dirt Road	Landscaped (Coast Live Oak)	Sandbar Willow Thicket	
<b>Habitat Types</b>	Cattail Marsh	Disturbed Annual Grassland	Landscaped (Conifer Woodland)	Serpentine Grassland	
Arroyo Willow Forest	Cement Rip Rap	Fremont Cottonwood Forest	Percolation Pond	White Alder Forest	
Black Cottonwood Forest	Coast Live Oak Woodland	Introduced Perennial Grassland	Red Willow Forest		
	Coast Live Oak-Walnut Woodland	Landscaped	Ruderal California Annual Grassland		

\*Streams and rivers shown as blue lines in this figure are from the National Hydrography Dataset. Some streams are unlabeled because the dataset does not include names for all ephemeral and intermittent waterways.

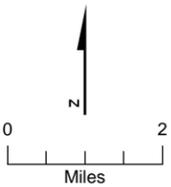
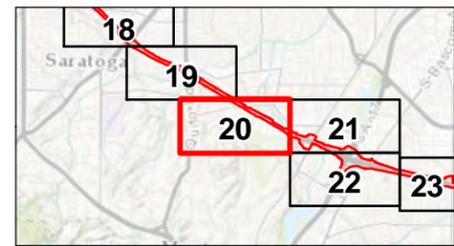


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Biological Study Area (BSA)	California Bay Riparian Forest	Coyote Brush Scrub	Landscaped (Blue Gum Eucalyptus)	Ruderal Disturbed
Project Area	California Sycamore Woodland	Dirt Road	Landscaped (Coast Live Oak)	Sandbar Willow Thicket
<b>Habitat Types</b>	Cattail Marsh	Disturbed Annual Grassland	Landscaped (Conifer Woodland)	Serpentine Grassland
Arroyo Willow Forest	Cement Rip Rap	Fremont Cottonwood Forest	Percolation Pond	White Alder Forest
Black Cottonwood Forest	Coast Live Oak Woodland	Introduced Perennial Grassland	Red Willow Forest	
	Coast Live Oak-Walnut Woodland	Landscaped	Ruderal California Annual Grassland	

Stream/River\*  
 \*Streams and rivers shown as blue lines in this figure are from the National Hydrography Dataset. Some streams are unlabeled because the dataset does not include names for all ephemeral and intermittent waterways.

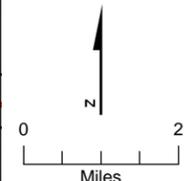
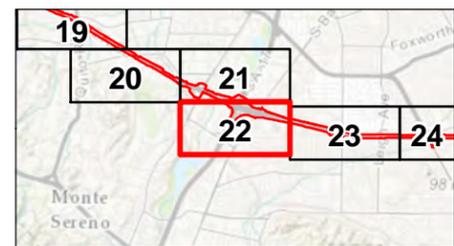


\*Streams and rivers shown as blue lines in this figure are from the National Hydrography Dataset. Some streams are unlabeled because the dataset does not include names for all ephemeral and intermittent waterways.

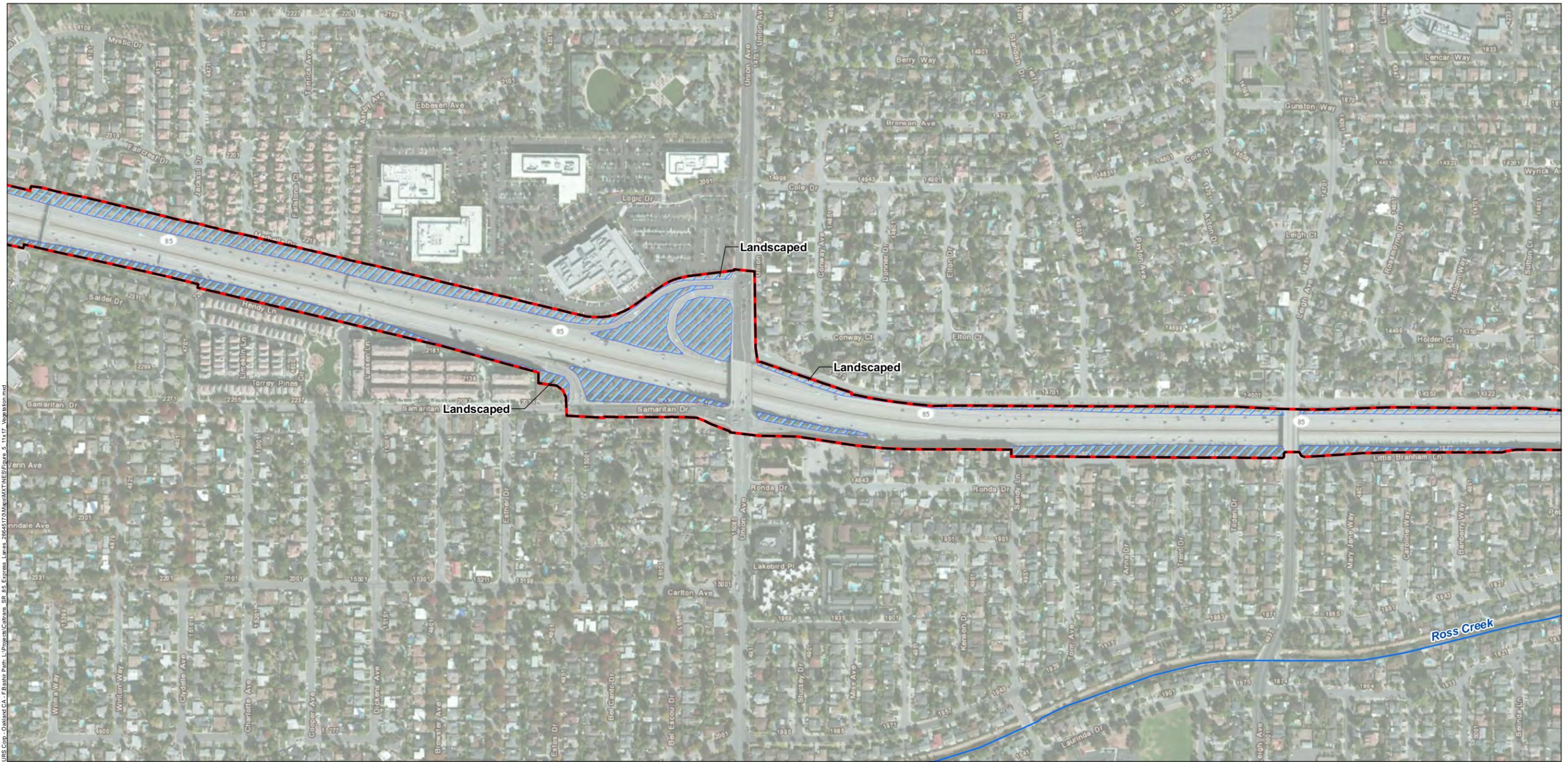




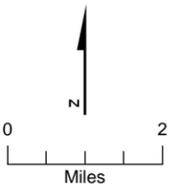
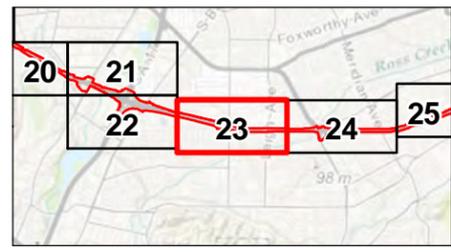
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\*Streams and rivers shown as blue lines in this figure are from the National Hydrography Dataset. Some streams are unlabeled because the dataset does not include names for all ephemeral and intermittent waterways.

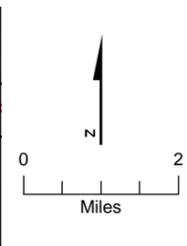
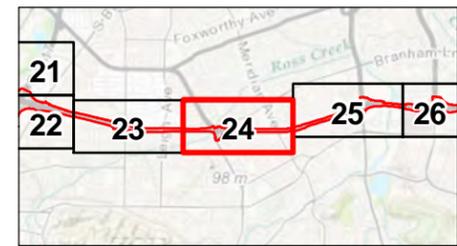
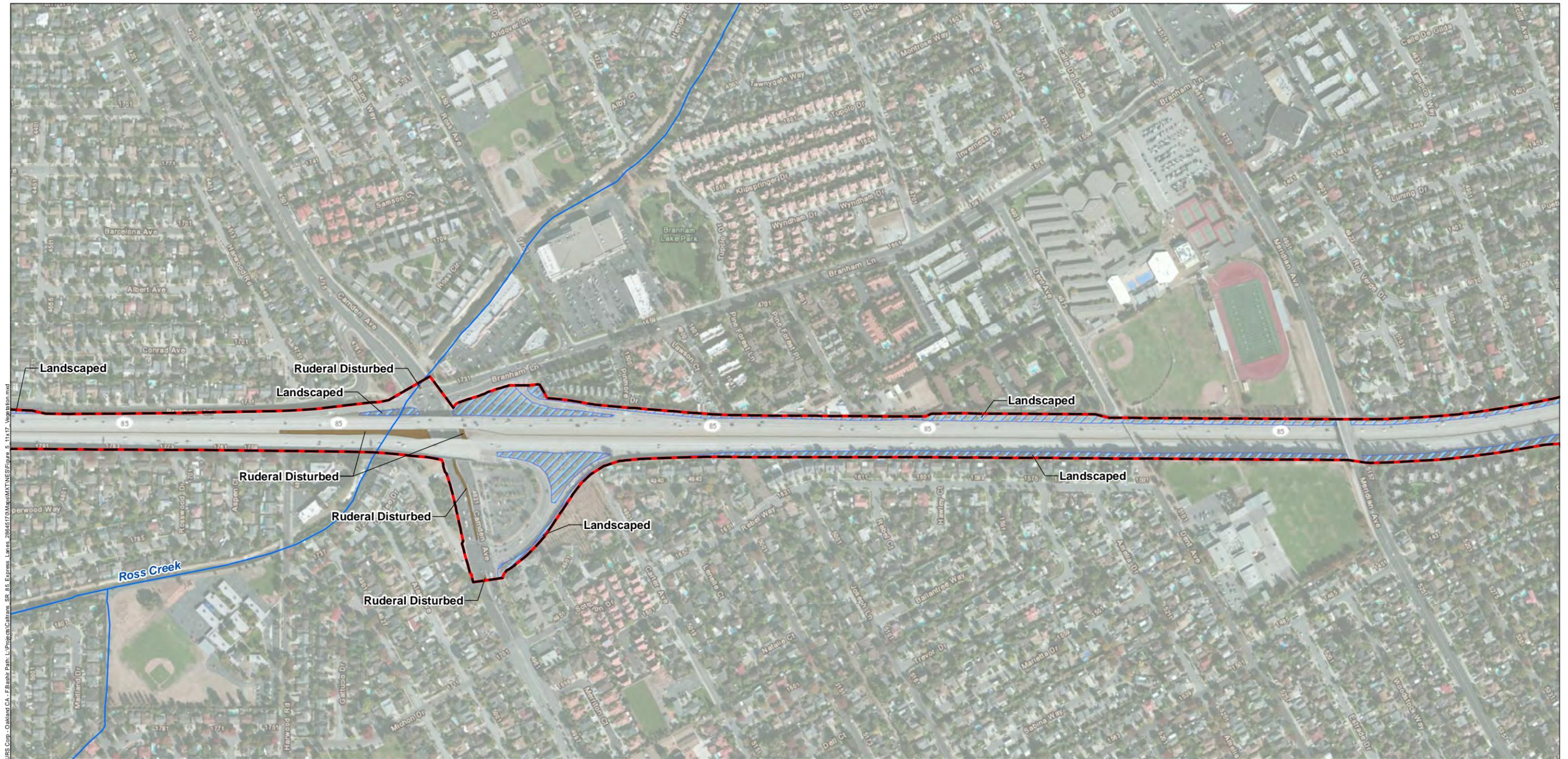


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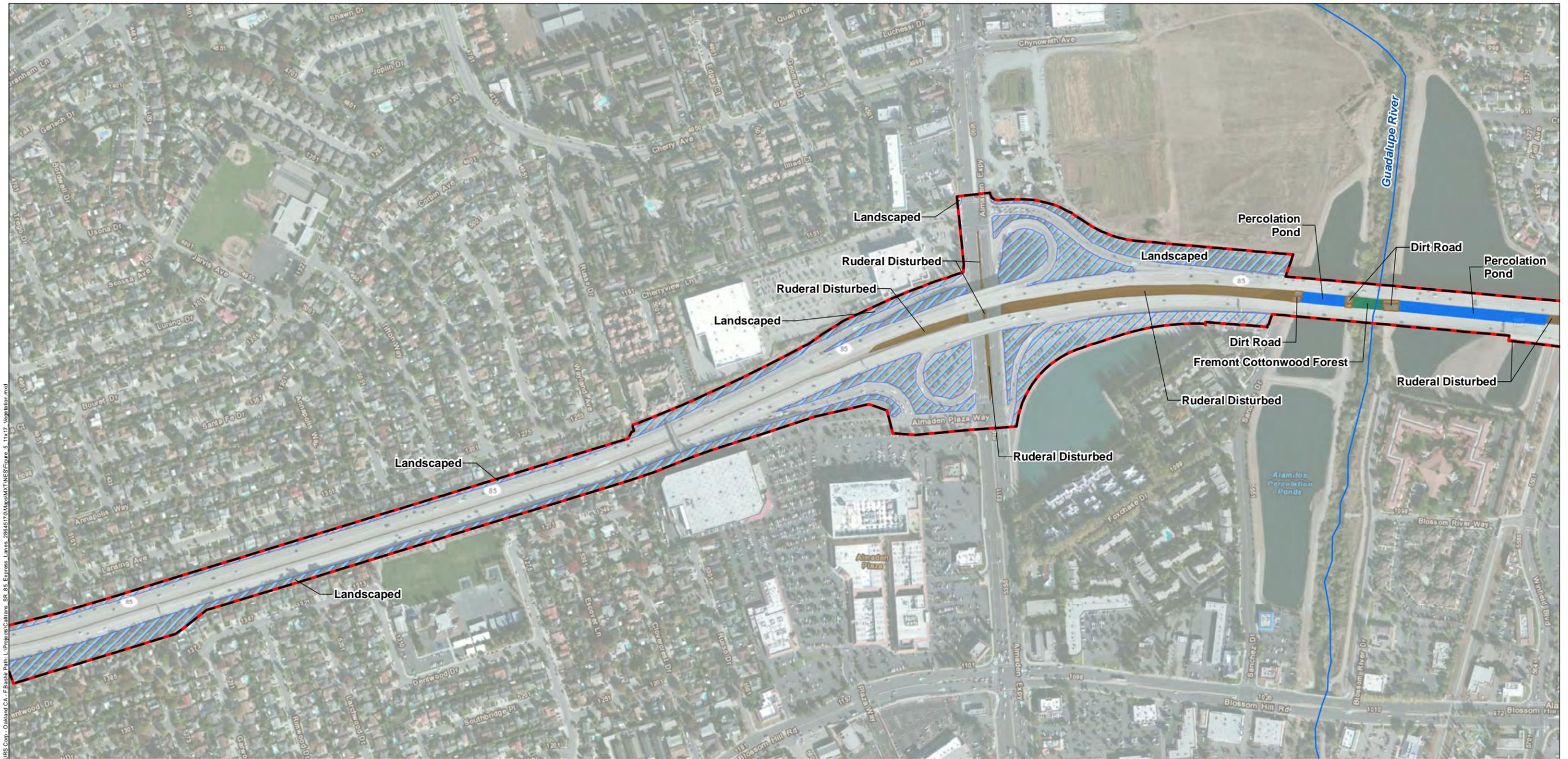


Biological Study Area (BSA)	California Bay Riparian Forest	Coyote Brush Scrub	Landscaped (Blue Gum Eucalyptus)	Ruderal Disturbed	Stream/River*
Project Area	California Sycamore Woodland	Dirt Road	Landscaped (Coast Live Oak)	Sandbar Willow Thicket	
<b>Habitat Types</b>	Cattail Marsh	Disturbed Annual Grassland	Landscaped (Conifer Woodland)	Serpentine Grassland	
Arroyo Willow Forest	Cement Rip Rap	Fremont Cottonwood Forest	Percolation Pond	White Alder Forest	
Black Cottonwood Forest	Coast Live Oak Woodland	Introduced Perennial Grassland	Red Willow Forest		
Coast Live Oak-Walnut Woodland	Landscaped	Ruderal California Annual Grassland			

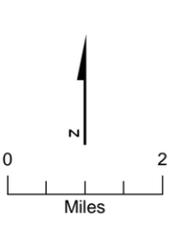
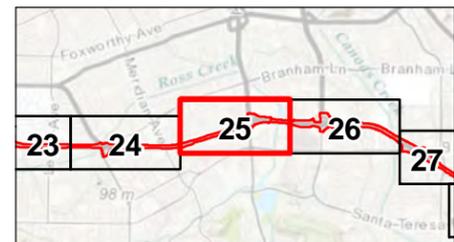
\*Streams and rivers shown as blue lines in this figure are from the National Hydrography Dataset. Some streams are unlabeled because the dataset does not include names for all ephemeral and intermittent waterways.



\*Streams and rivers shown as blue lines in this figure are from the National Hydrography Dataset. Some streams are unlabeled because the dataset does not include names for all ephemeral and intermittent waterways.



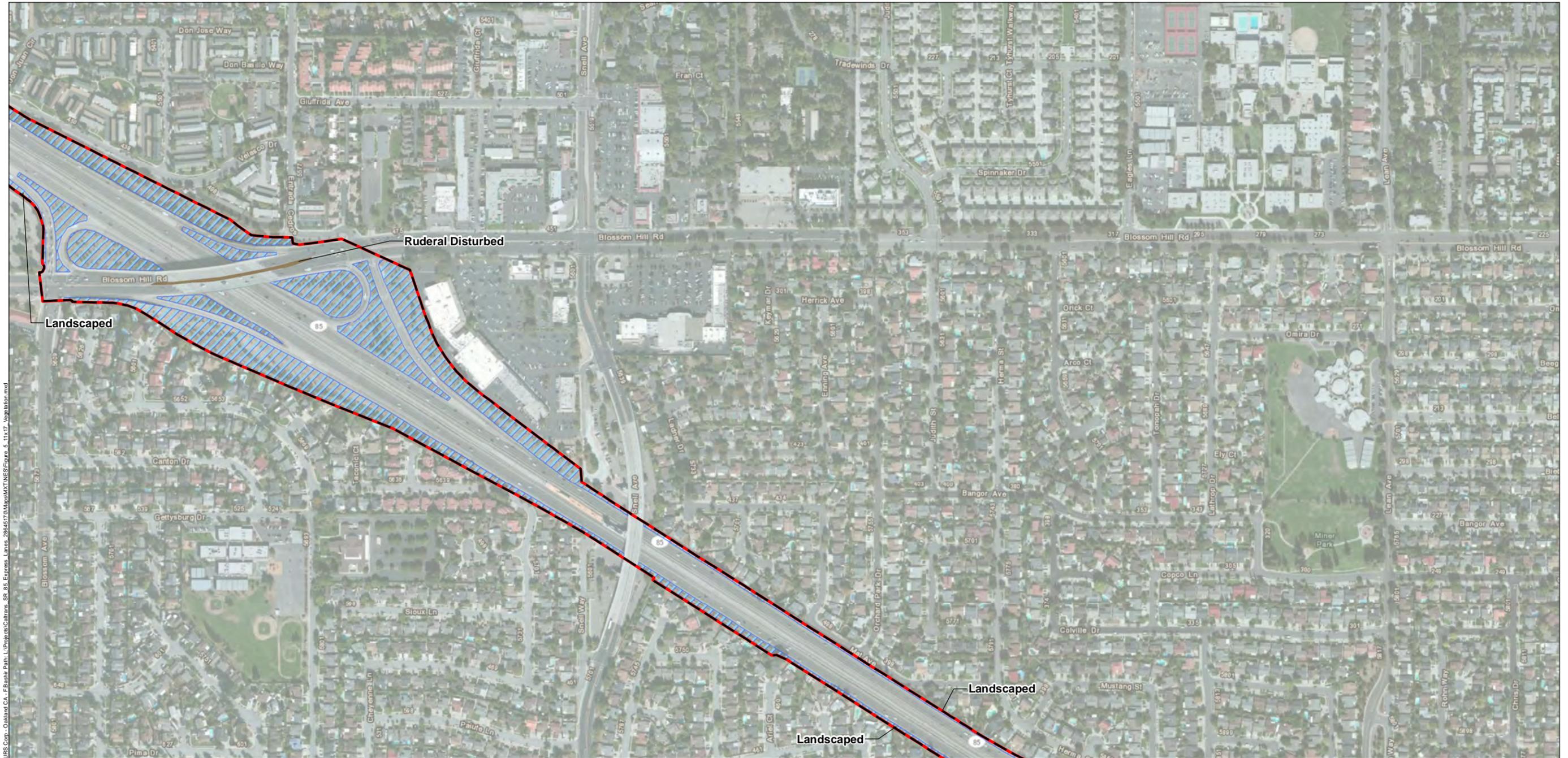
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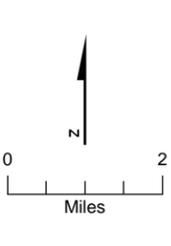
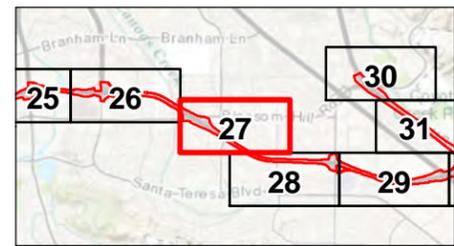
Biological Study Area (BSA)	California Bay Riparian Forest	Coyote Brush Scrub	Landscaped (Blue Gum Eucalyptus)	Ruderal Disturbed	Stream/River*
Project Area	California Sycamore Woodland	Dirt Road	Landscaped (Coast Live Oak)	Sandbar Willow Thicket	
<b>Habitat Types</b>	Cattail Marsh	Disturbed Annual Grassland	Landscaped (Conifer Woodland)	Serpentine Grassland	
Arroyo Willow Forest	Cement Rip Rap	Fremont Cottonwood Forest	Percolation Pond	Red Willow Forest	
Black Cottonwood Forest	Coast Live Oak Woodland	Introduced Perennial Grassland	Ruderal California Annual Grassland	White Alder Forest	
Black Cottonwood Forest	Coast Live Oak-Walnut Woodland	Landscaped			

\*Streams and rivers shown as blue lines in this figure are from the National Hydrography Dataset. Some streams are unlabeled because the dataset does not include names for all ephemeral and intermittent waterways.

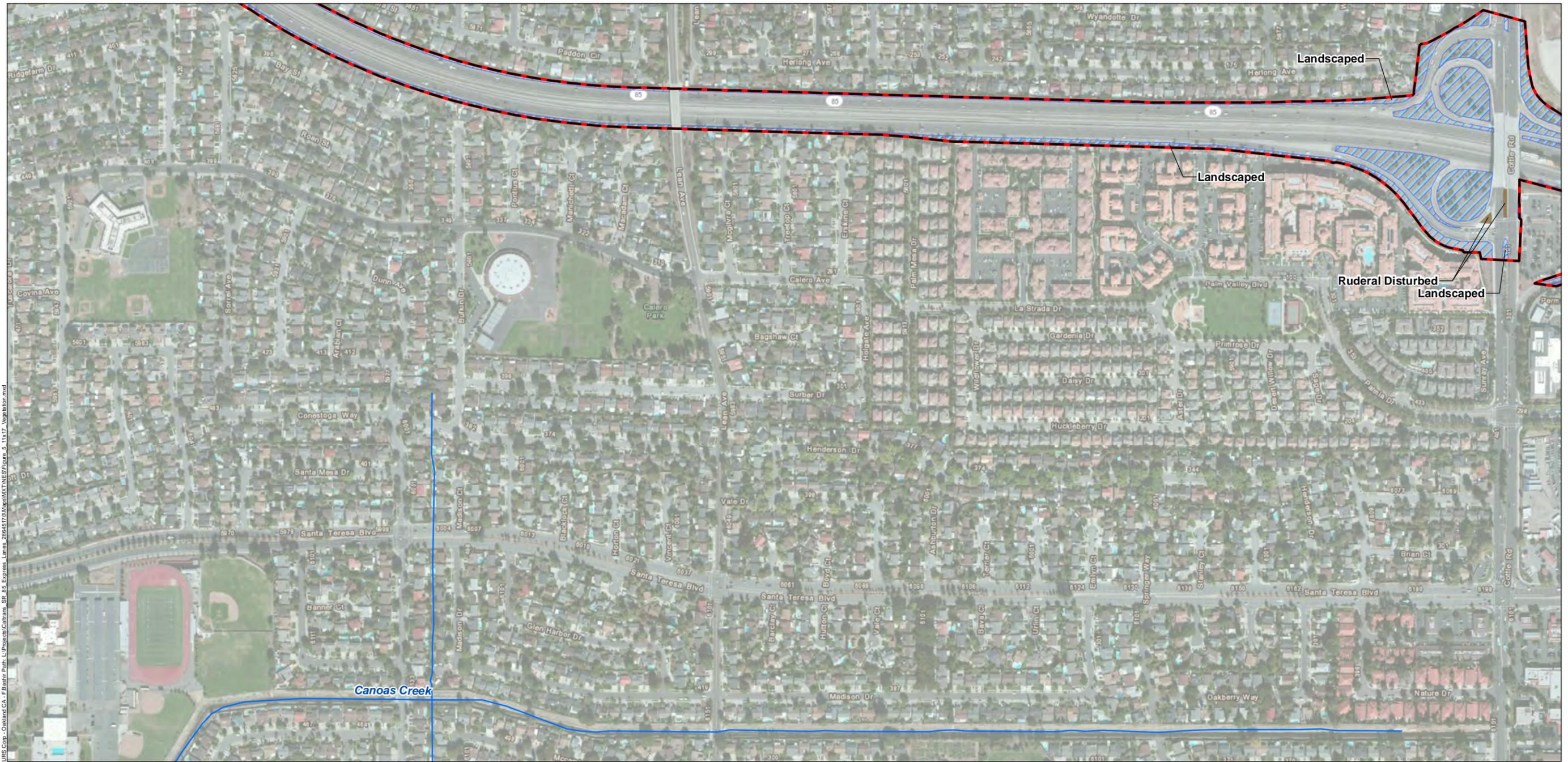




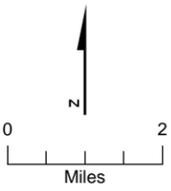
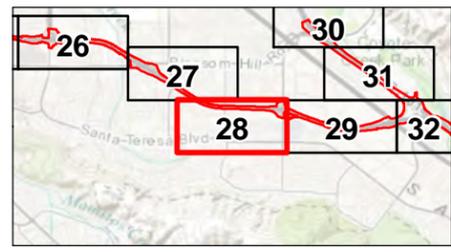
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\*Streams and rivers shown as blue lines in this figure are from the National Hydrography Dataset. Some streams are unlabeled because the dataset does not include names for all ephemeral and intermittent waterways.

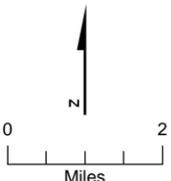
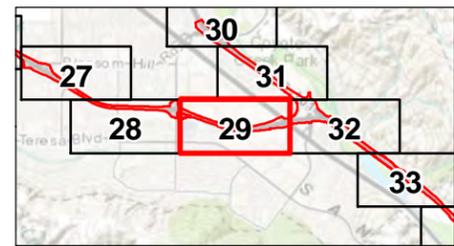
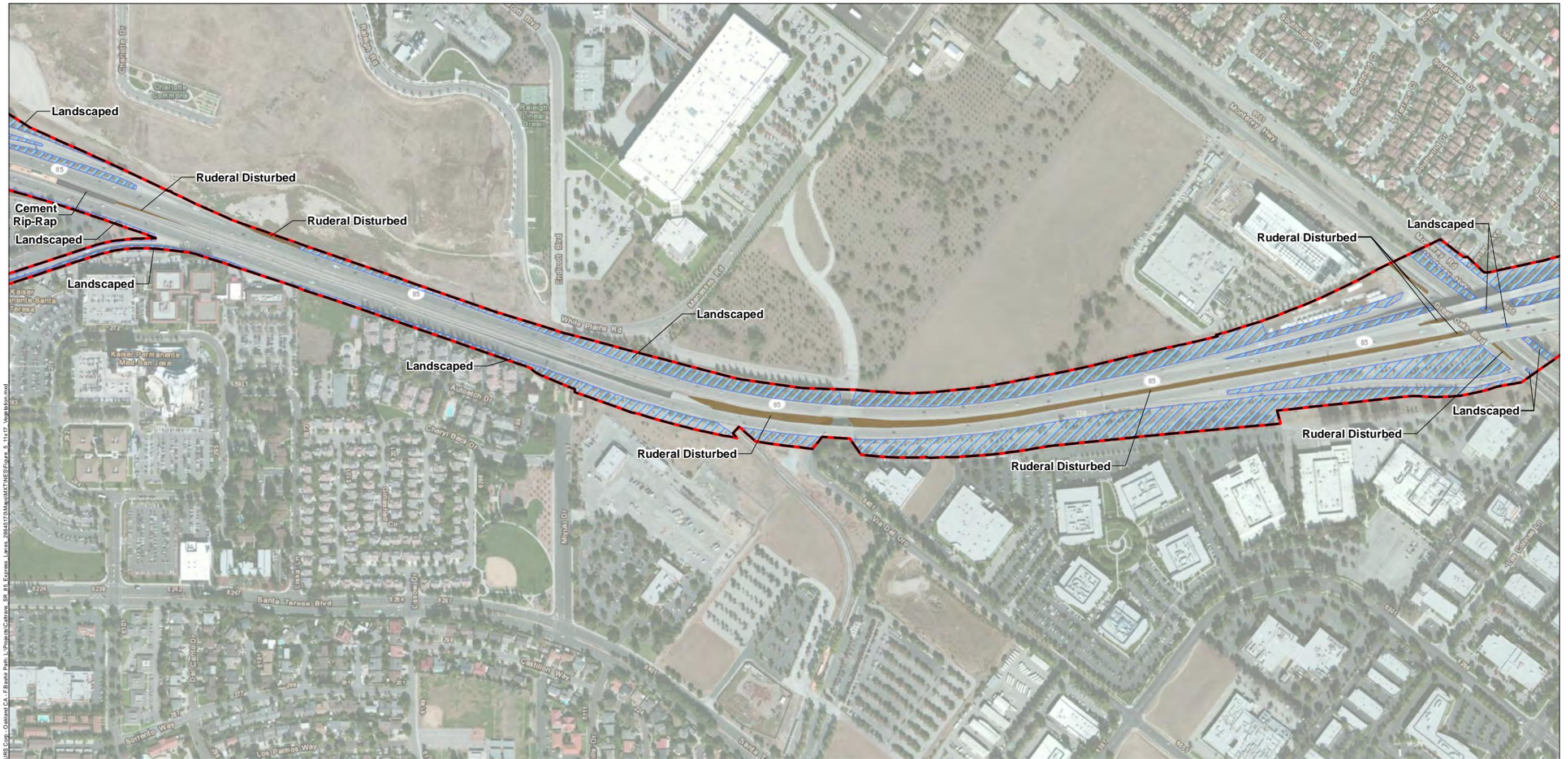


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Biological Study Area (BSA)	California Bay Riparian Forest	Coyote Brush Scrub	Landscaped (Blue Gum Eucalyptus)	Ruderal Disturbed	Stream/River*
Project Area	California Sycamore Woodland	Dirt Road	Landscaped (Coast Live Oak)	Sandbar Willow Thicket	
<b>Habitat Types</b>	Cattail Marsh	Disturbed Annual Grassland	Landscaped (Conifer Woodland)	Serpentine Grassland	
Arroyo Willow Forest	Cement Rip Rap	Fremont Cottonwood Forest	Percolation Pond	White Alder Forest	
Black Cottonwood Forest	Coast Live Oak Woodland	Introduced Perennial Grassland	Red Willow Forest		
	Coast Live Oak-Walnut Woodland	Landscaped	Ruderal California Annual Grassland		

\*Streams and rivers shown as blue lines in this figure are from the National Hydrography Dataset. Some streams are unlabeled because the dataset does not include names for all ephemeral and intermittent waterways.

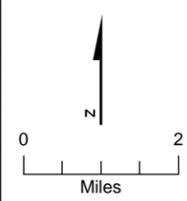
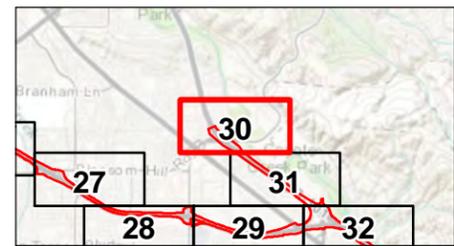


Biological Study Area (BSA)	California Bay Riparian Forest	Coyote Brush Scrub	Landscaped (Blue Gum Eucalyptus)	Ruderal Disturbed	Stream/River*
Project Area	California Sycamore Woodland	Dirt Road	Landscaped (Coast Live Oak)	Sandbar Willow Thicket	
<b>Habitat Types</b>	Cattail Marsh	Disturbed Annual Grassland	Landscaped (Conifer Woodland)	Serpentine Grassland	
Arroyo Willow Forest	Cement Rip Rap	Fremont Cottonwood Forest	Percolation Pond	White Alder Forest	
Black Cottonwood Forest	Coast Live Oak Woodland	Introduced Perennial Grassland	Red Willow Forest		
	Coast Live Oak-Walnut Woodland	Landscaped	Ruderal California Annual Grassland		

\*Streams and rivers shown as blue lines in this figure are from the National Hydrography Dataset. Some streams are unlabeled because the dataset does not include names for all ephemeral and intermittent waterways.



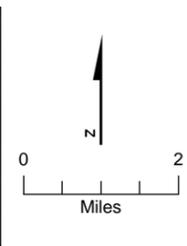
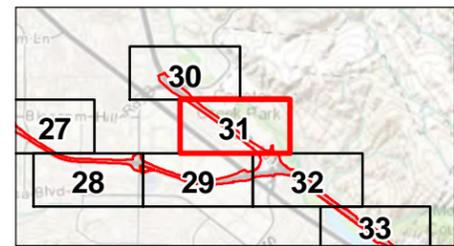
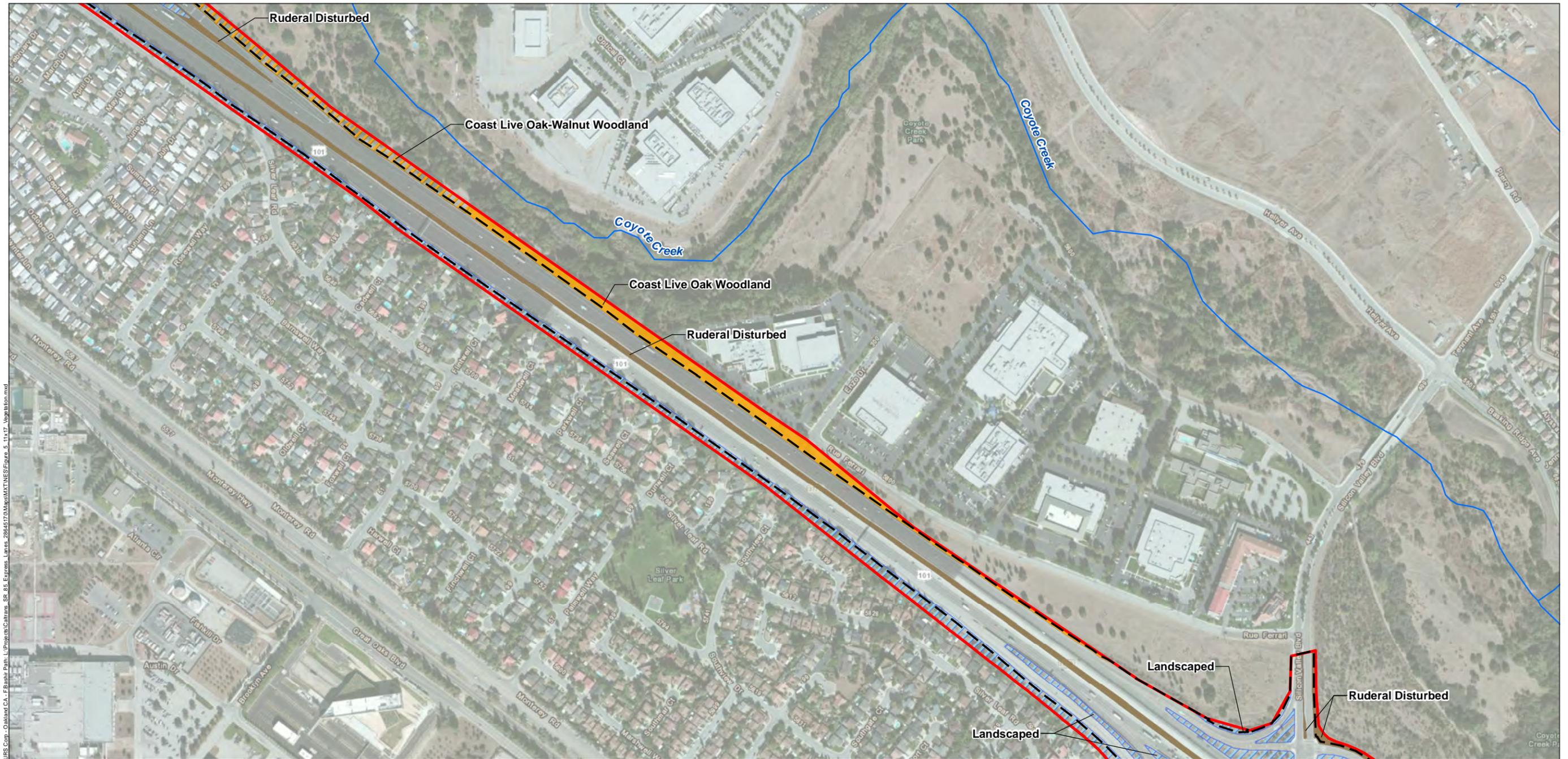
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Biological Study Area (BSA)	California Bay Riparian Forest	Coyote Brush Scrub	Landscaped (Blue Gum Eucalyptus)	Ruderal Disturbed	Stream/River*
Project Area	California Sycamore Woodland	Dirt Road	Landscaped (Coast Live Oak)	Sandbar Willow Thicket	
<b>Habitat Types</b>	Cattail Marsh	Disturbed Annual Grassland	Landscaped (Conifer Woodland)	Serpentine Grassland	
Arroyo Willow Forest	Cement Rip Rap	Fremont Cottonwood Forest	Percolation Pond	White Alder Forest	
Black Cottonwood Forest	Coast Live Oak Woodland	Introduced Perennial Grassland	Ruderal California Annual Grassland		
Black Cottonwood Forest	Coast Live Oak-Walnut Woodland	Landscaped			

\*Streams and rivers shown as blue lines in this figure are from the National Hydrography Dataset. Some streams are unlabeled because the dataset does not include names for all ephemeral and intermittent waterways.

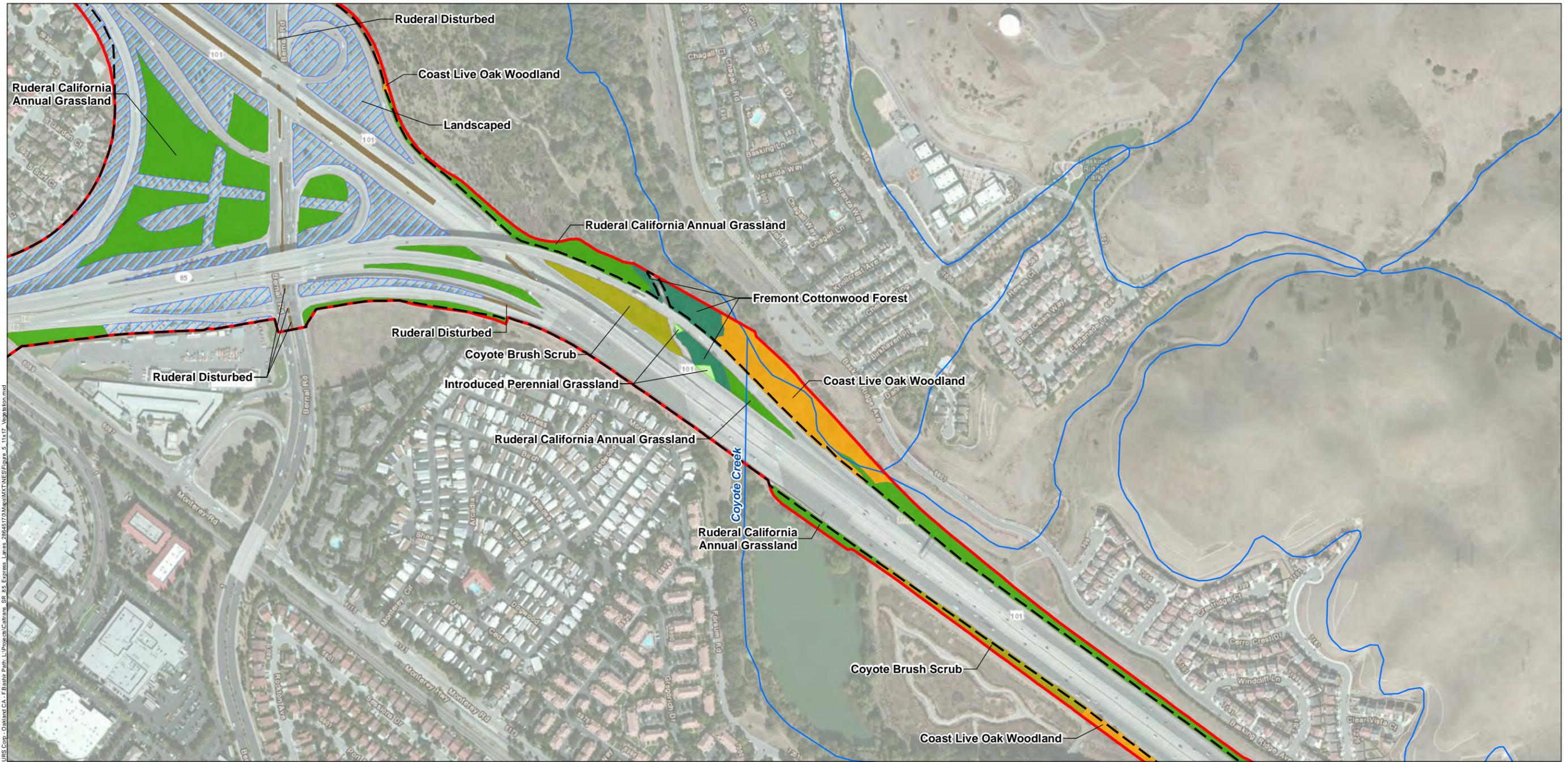
**Figure 5**  
**Sheet 30**  
Habitat Types in the BSA and Project Area



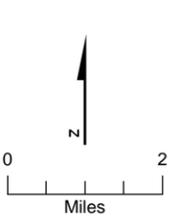
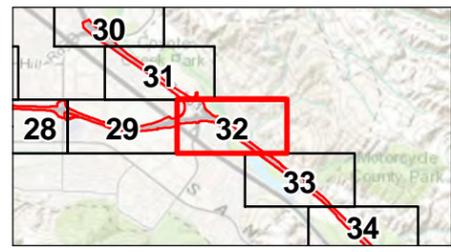
Biological Study Area (BSA)	California Bay Riparian Forest	Coyote Brush Scrub	Landscaped (Blue Gum Eucalyptus)	Ruderal Disturbed	Stream/River*
Project Area	California Sycamore Woodland	Dirt Road	Landscaped (Coast Live Oak)	Sandbar Willow Thicket	
<b>Habitat Types</b>	Cattail Marsh	Disturbed Annual Grassland	Landscaped (Conifer Woodland)	Serpentine Grassland	
Arroyo Willow Forest	Cement Rip Rap	Fremont Cottonwood Forest	Percolation Pond	White Alder Forest	
Black Cottonwood Forest	Coast Live Oak Woodland	Introduced Perennial Grassland	Red Willow Forest		
	Coast Live Oak-Walnut Woodland	Landscaped	Ruderal California Annual Grassland		

\*Streams and rivers shown as blue lines in this figure are from the National Hydrography Dataset. Some streams are unlabeled because the dataset does not include names for all ephemeral and intermittent waterways.

**Figure 5**  
**Sheet 31**  
Habitat Types in the BSA and Project Area



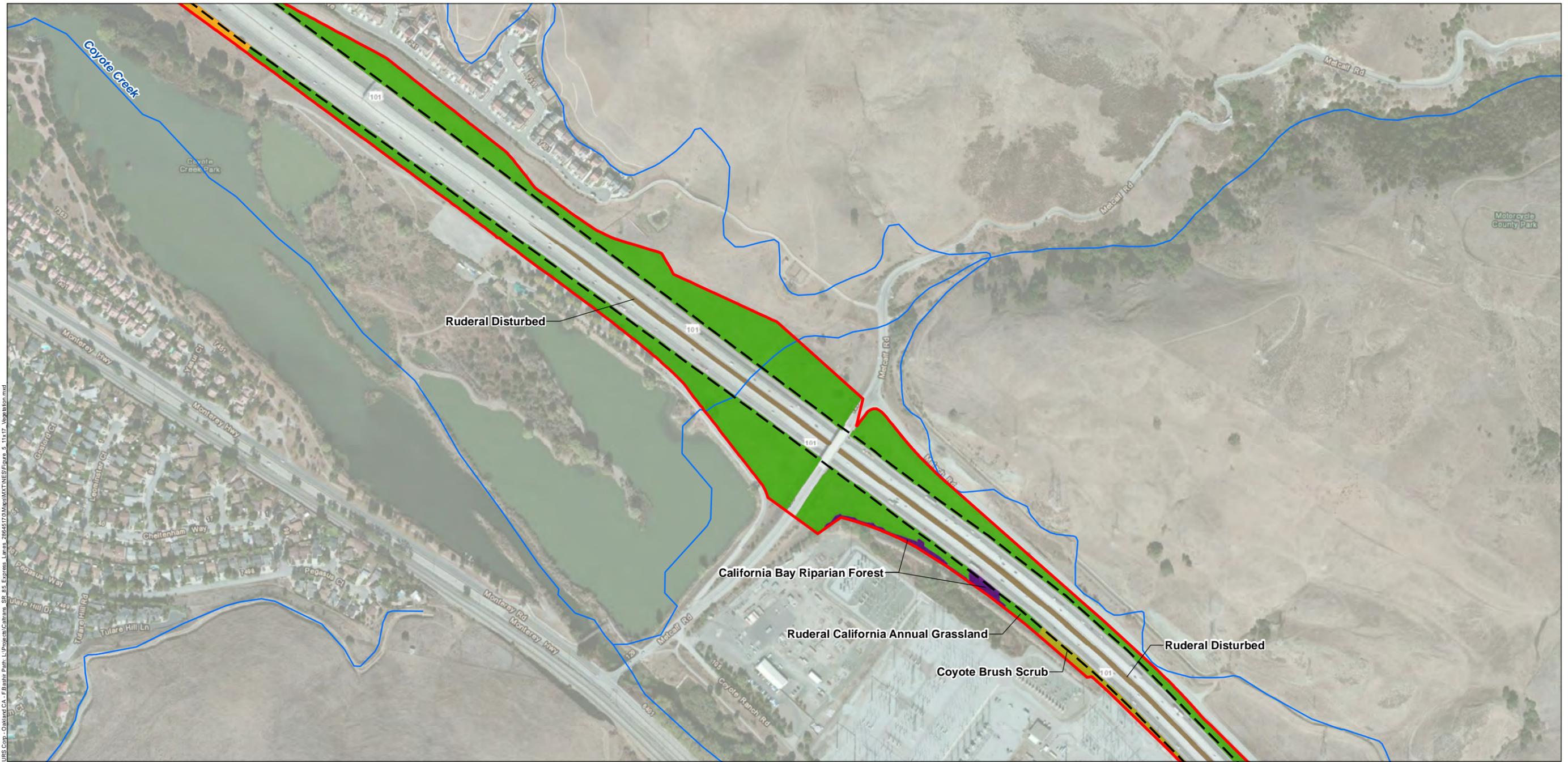
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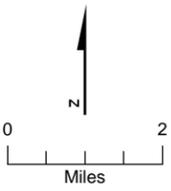
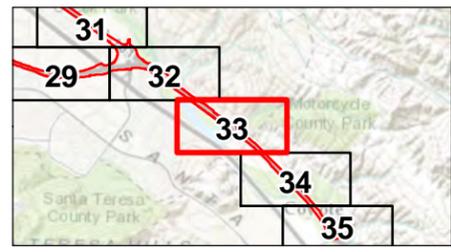
Biological Study Area (BSA)	California Bay Riparian Forest	Coyote Brush Scrub	Landscaped (Blue Gum Eucalyptus)	Ruderal Disturbed	Stream/River*
Project Area	California Sycamore Woodland	Dirt Road	Landscaped (Coast Live Oak)	Sandbar Willow Thicket	
<b>Habitat Types</b>	Cattail Marsh	Disturbed Annual Grassland	Landscaped (Conifer Woodland)	Serpentine Grassland	
Arroyo Willow Forest	Cement Rip Rap	Fremont Cottonwood Forest	Percolation Pond	Red Willow Forest	
Black Cottonwood Forest	Coast Live Oak Woodland	Introduced Perennial Grassland	Ruderal California Annual Grassland	White Alder Forest	
	Coast Live Oak-Walnut Woodland	Landscaped			

\*Streams and rivers shown as blue lines in this figure are from the National Hydrography Dataset. Some streams are unlabeled because the dataset does not include names for all ephemeral and intermittent waterways.

**Figure 5**  
**Sheet 32**  
Habitat Types in the BSA and Project Area



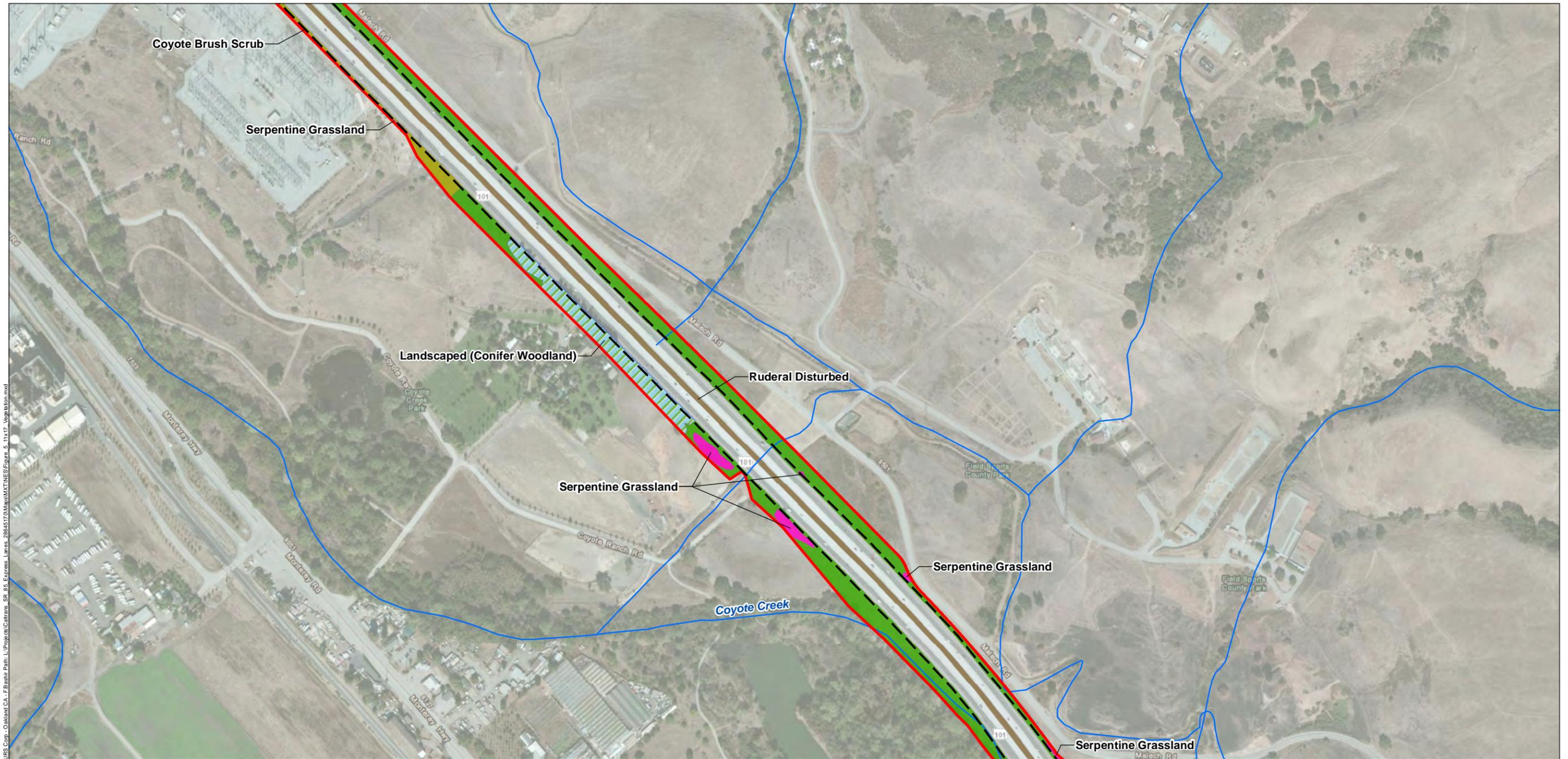
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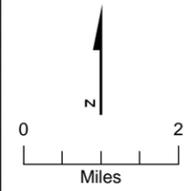
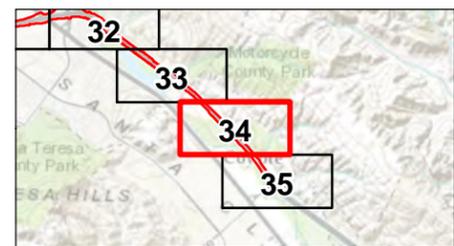
Biological Study Area (BSA)	California Bay Riparian Forest	Coyote Brush Scrub	Landscaped (Blue Gum Eucalyptus)	Ruderal Disturbed	Stream/River*
Project Area	California Sycamore Woodland	Dirt Road	Landscaped (Coast Live Oak)	Sandbar Willow Thicket	
<b>Habitat Types</b>	Cattail Marsh	Disturbed Annual Grassland	Landscaped (Conifer Woodland)	Serpentine Grassland	
Arroyo Willow Forest	Cement Rip Rap	Fremont Cottonwood Forest	Percolation Pond	White Alder Forest	
Black Cottonwood Forest	Coast Live Oak Woodland	Introduced Perennial Grassland	Red Willow Forest		
	Coast Live Oak-Walnut Woodland	Landscaped	Ruderal California Annual Grassland		

\*Streams and rivers shown as blue lines in this figure are from the National Hydrography Dataset. Some streams are unlabeled because the dataset does not include names for all ephemeral and intermittent waterways.

**Figure 5**  
**Sheet 33**  
Habitat Types in the BSA and Project Area



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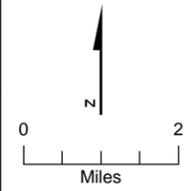
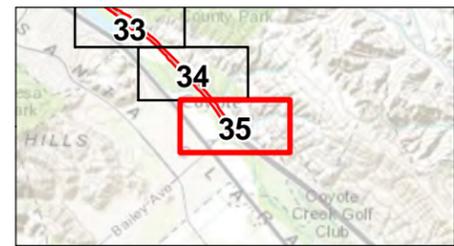
Biological Study Area (BSA)	California Bay Riparian Forest	Coyote Brush Scrub	Landscaped (Blue Gum Eucalyptus)	Ruderal Disturbed	Stream/River*
Project Area	California Sycamore Woodland	Dirt Road	Landscaped (Coast Live Oak)	Sandbar Willow Thicket	
<b>Habitat Types</b>	Cattail Marsh	Disturbed Annual Grassland	Landscaped (Conifer Woodland)	Serpentine Grassland	
Arroyo Willow Forest	Cement Rip Rap	Fremont Cottonwood Forest	Percolation Pond	White Alder Forest	
Black Cottonwood Forest	Coast Live Oak Woodland	Introduced Perennial Grassland	Red Willow Forest		
	Coast Live Oak-Walnut Woodland	Landscaped	Ruderal California Annual Grassland		

\*Streams and rivers shown as blue lines in this figure are from the National Hydrography Dataset. Some streams are unlabeled because the dataset does not include names for all ephemeral and intermittent waterways.

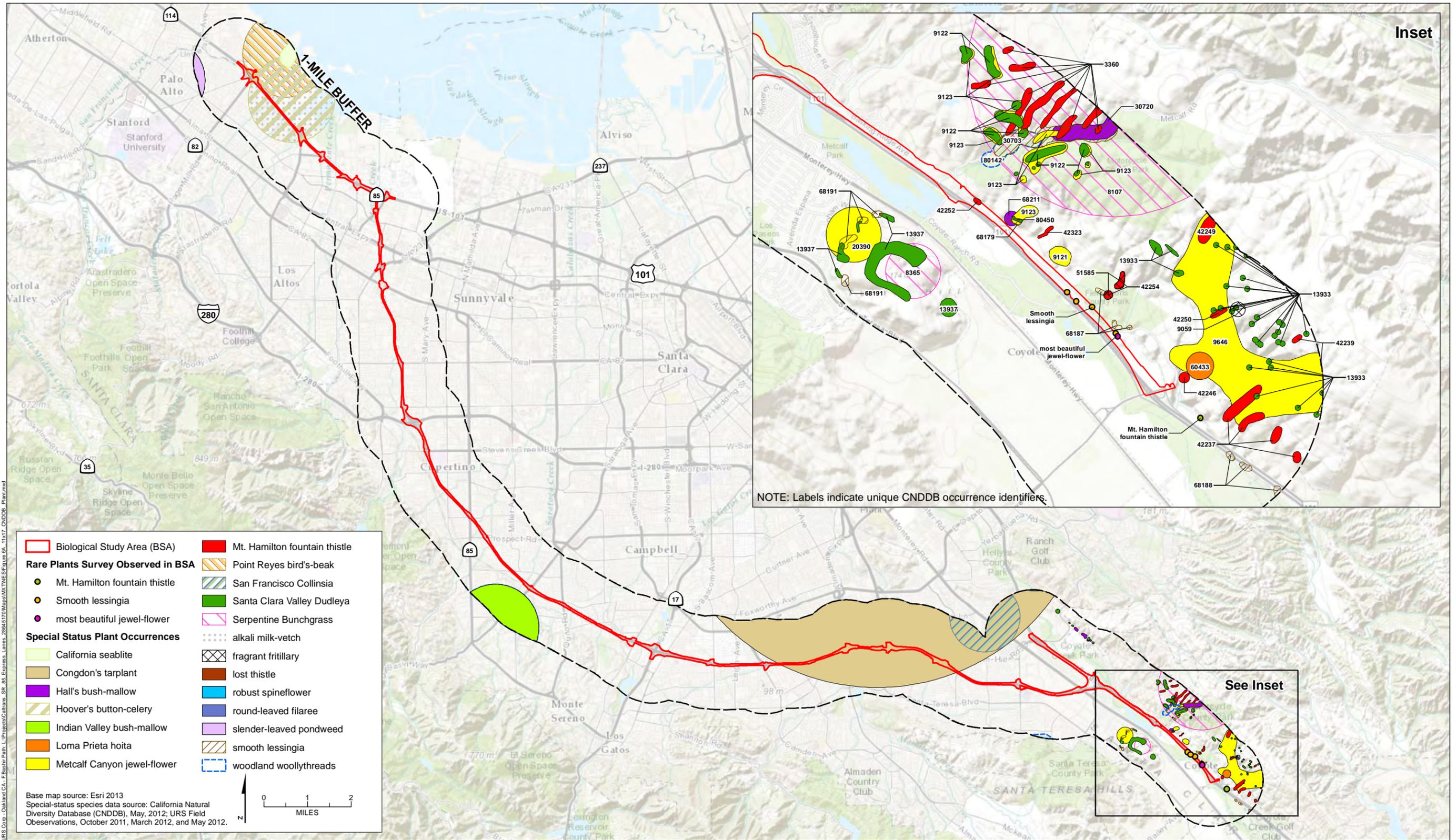
**Figure 5**  
**Sheet 34**  
Habitat Types in the BSA and Project Area

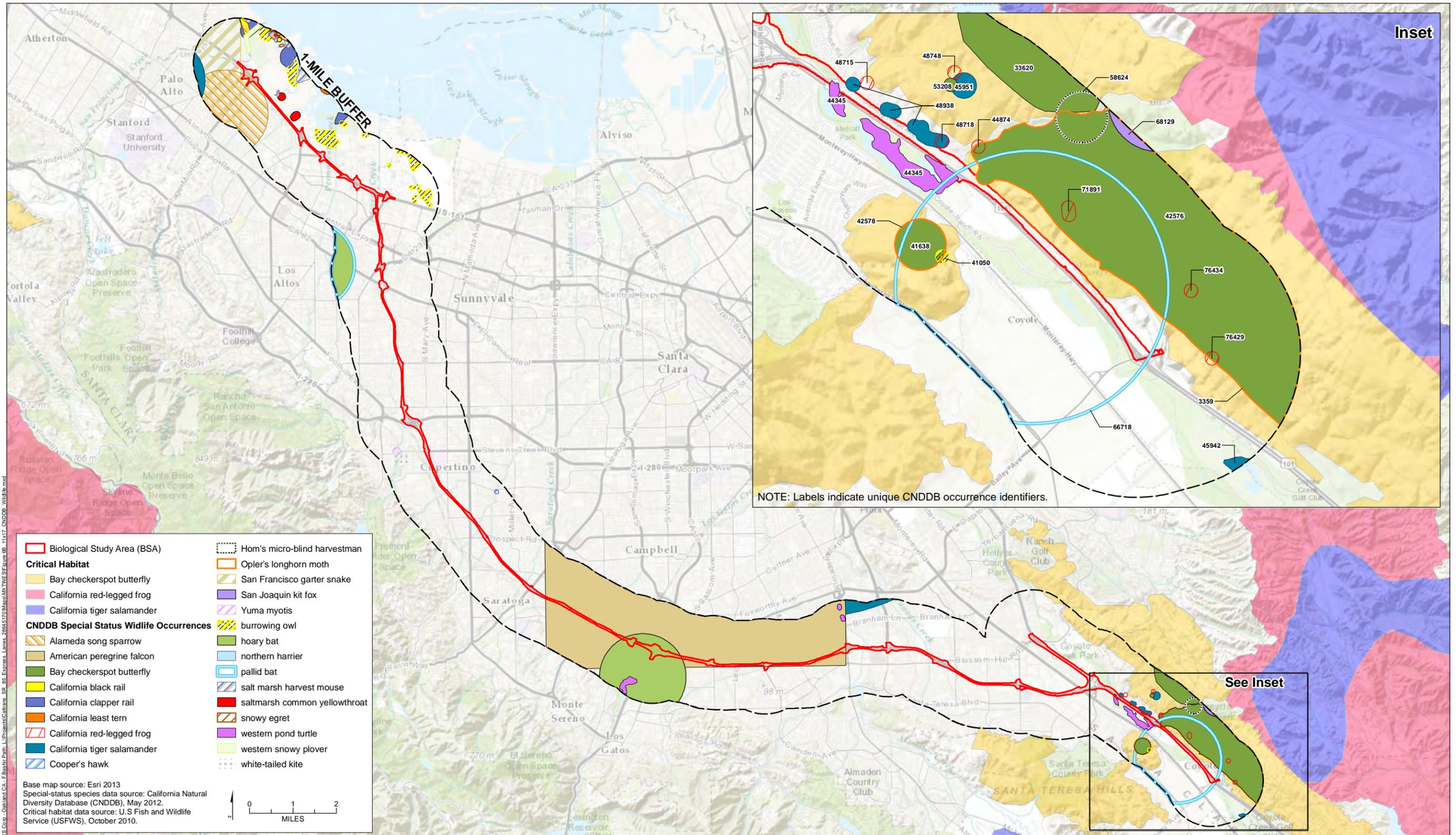


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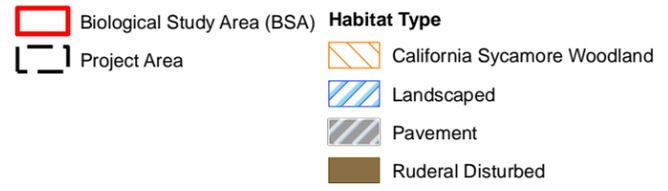
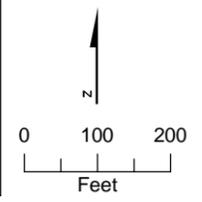
\*Streams and rivers shown as blue lines in this figure are from the National Hydrography Dataset. Some streams are unlabeled because the dataset does not include names for all ephemeral and intermittent waterways.





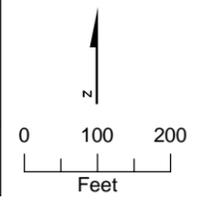
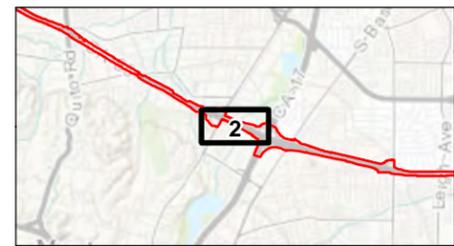


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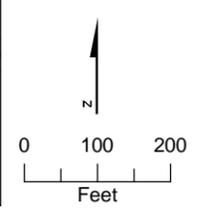
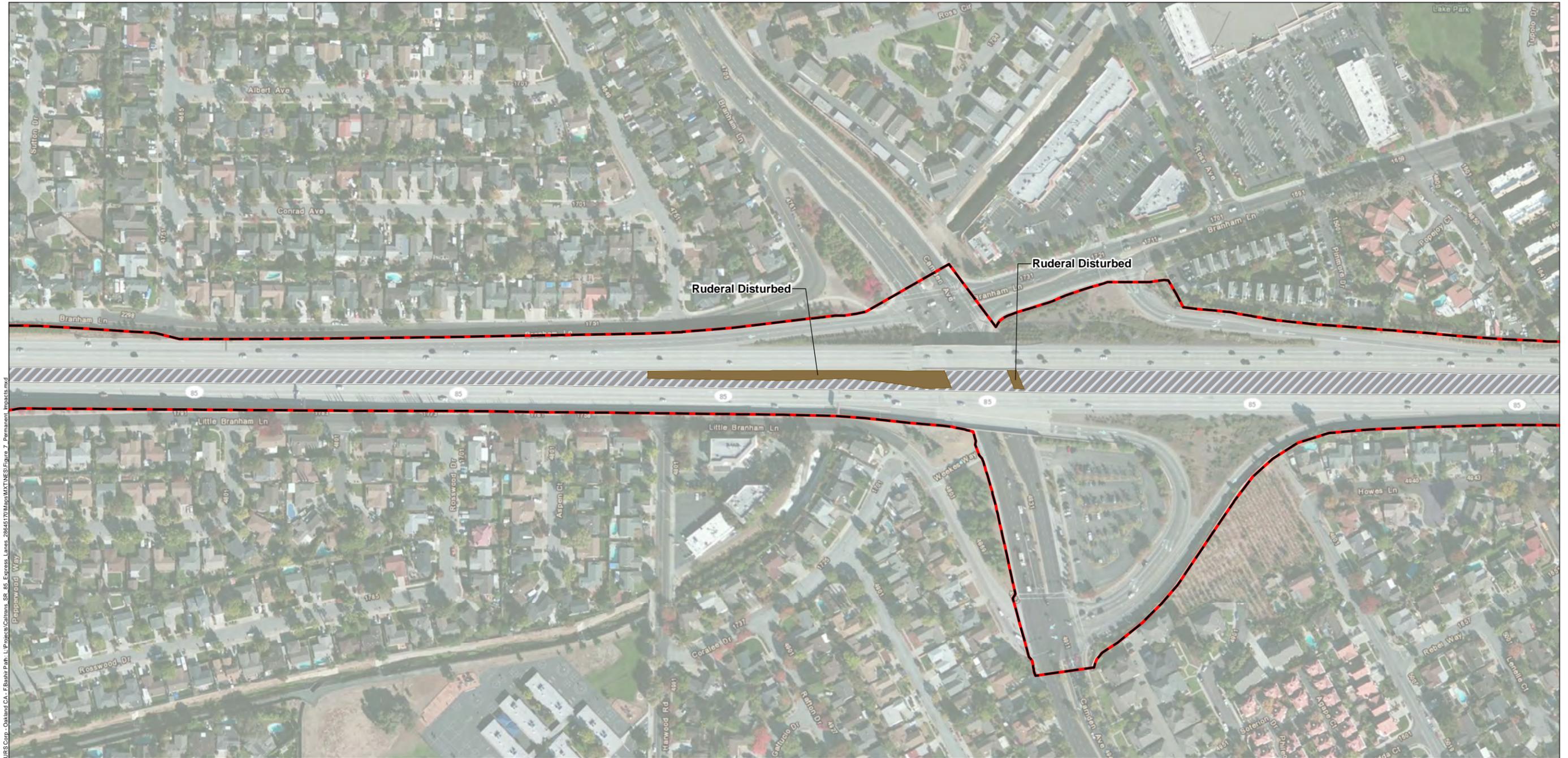




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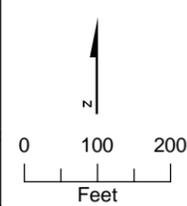
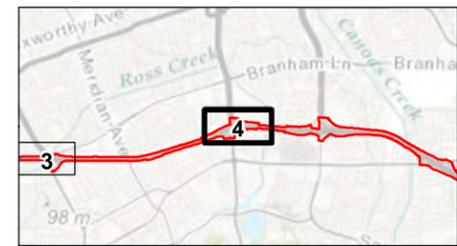
- |   |  |
|---|--|
|  Biological Study Area (BSA) | <b>Habitat Type</b>  |
|  Project Area                |  California Sycamore Woodland |
|   |  Landscaped                   |
|   |  Pavement                     |
|   |  Ruderal Disturbed            |



- |   |  |
|---|--|
|  Biological Study Area (BSA) | <b>Habitat Type</b>  |
|  Project Area                |  California Sycamore Woodland |
|   |  Landscaped                   |
|   |  Pavement                     |
|   |  Ruderal Disturbed            |



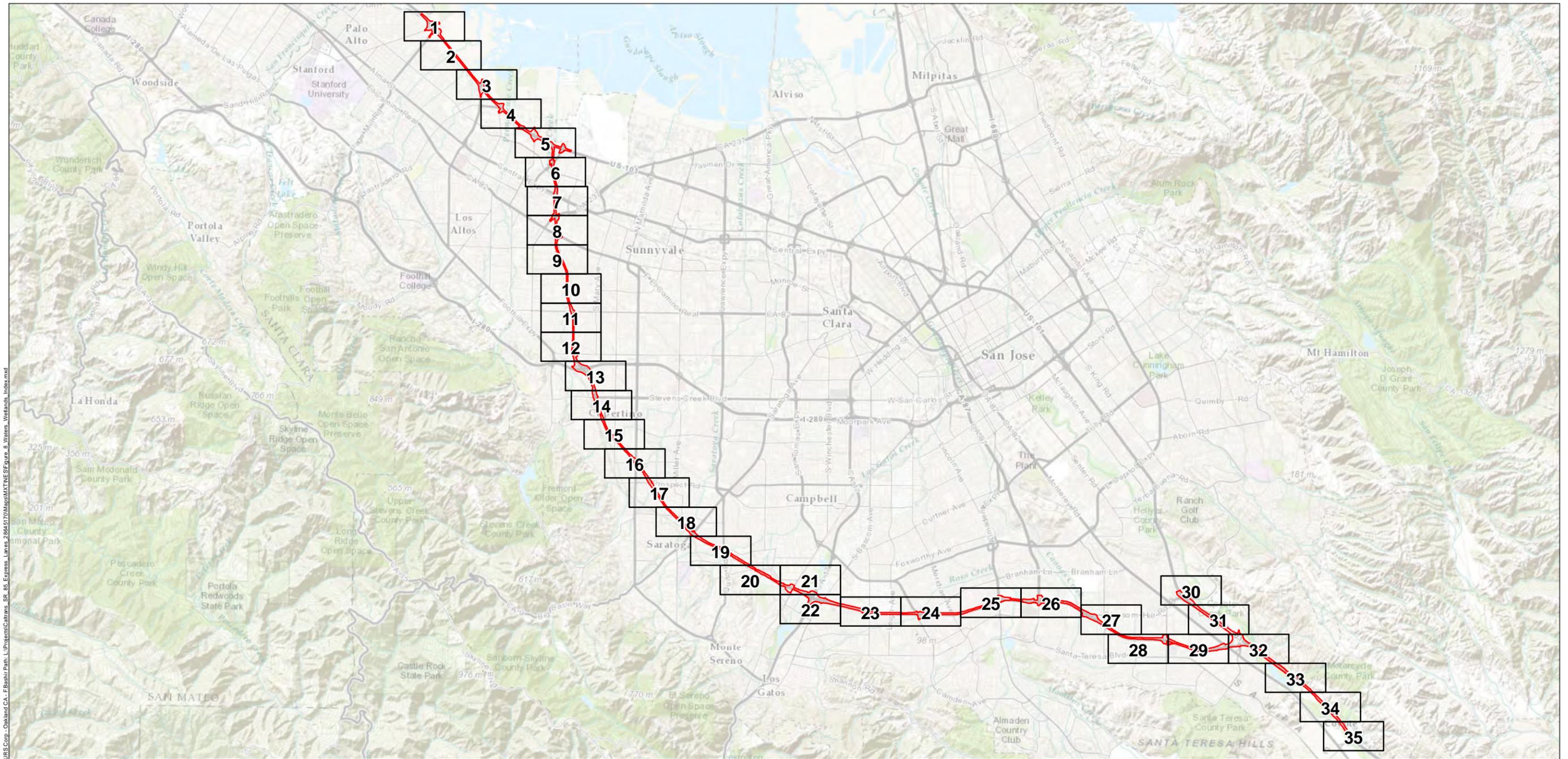
URS Corp., Oakland, CA; F:\Bentley\Projects\Caltrans\_SB\_85\_Express\_Lanes\_2016\GIS\MapMX\TIN\Sheet4.mxd



- |   |  |
|---|--|
|  Biological Study Area (BSA) | <b>Habitat Type</b>  |
|  Project Area                |  California Sycamore Woodland |
|   |  Landscaped                   |
|   |  Pavement                     |
|   |  Ruderal Disturbed            |

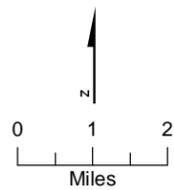
Caltrans  
State Route 85 Express Lanes

**Figure 7**  
**Sheet 4**  
Permanent Impacts to Habitat Types in the Project Area



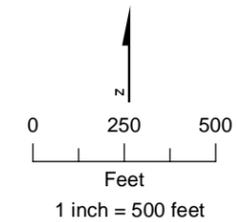
URS Corp., Oakland, CA; EarthPath, LLP; Project: Caltrans, SR 85 Express Lanes; 2/26/15; 7/20/15; Map: MAXTIME SR Figure 8 Wetlands Wetlands Index.mxd

- Sheet Extent
- Biological Study Area (BSA)





URS Corp., Oakland, CA; F. Bahr, P. L. Projects/Caltrans, SR 85 Express Lanes, 2004/07/01; MapInfo/MapInfo, 8/Whitney and Whitneys, Inc.



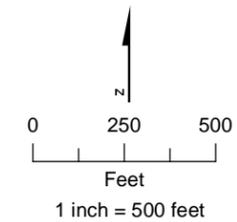
- Project Area
- Biological Study Area (BSA)
- Other waters of the U.S.
- Wetlands
- Stream/River\*

\*Streams and rivers shown as blue lines in this figure are from the National Hydrography Dataset. Some streams are unlabeled because the dataset does not include names for all ephemeral and intermittent waterways.





URS Corp., Oakland, CA; F:\Baird\Proj\1\Projects\Caltrans\_SR\_85\_Express\_Lanes\_2014\Map\MXV\MapSeries\Waters\_and\_Wetlands.mxd



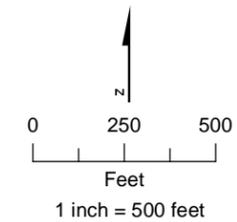
- Project Area
- Biological Study Area (BSA)
- Other waters of the U.S.
- Wetlands
- Stream/River\*

\*Streams and rivers shown as blue lines in this figure are from the National Hydrography Dataset. Some streams are unlabeled because the dataset does not include names for all ephemeral and intermittent waterways.





URS Corp., Oakland, CA; F:\Baird\Proj\1\Projects\Caltrans\_SR\_85\_Express\_Lanes\_2014\70\Map\MX\WUS\Figure\_8\_Waters\_and\_Wetlands.mxd

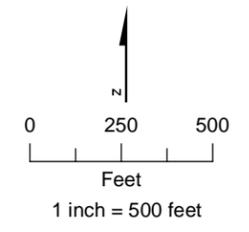


- Project Area
- Biological Study Area (BSA)
- Other waters of the U.S.
- Wetlands
- Stream/River\*

\*Streams and rivers shown as blue lines in this figure are from the National Hydrography Dataset. Some streams are unlabeled because the dataset does not include names for all ephemeral and intermittent waterways.

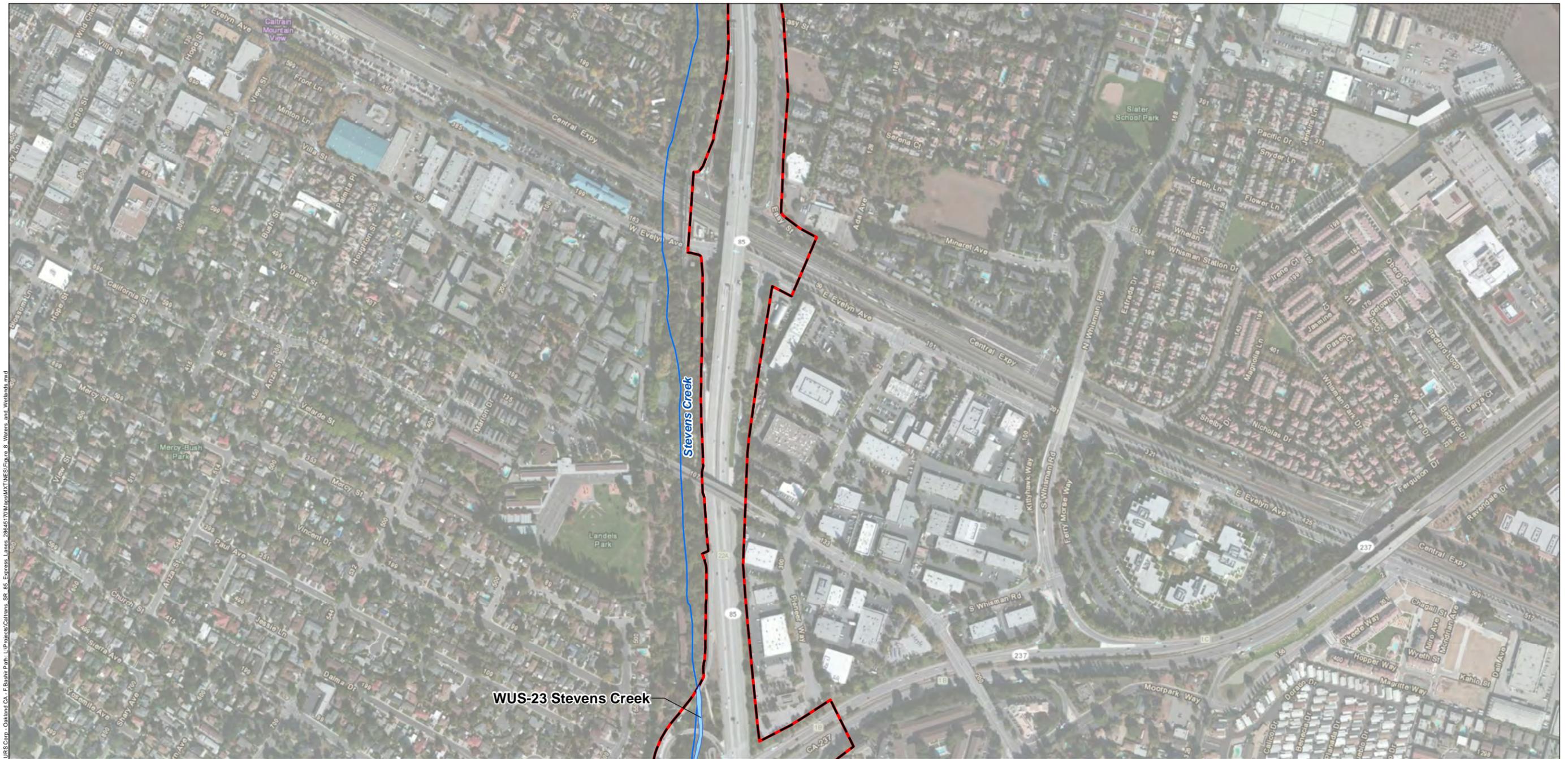


URS Corp., Oakland, CA; F. Bahr, P. L. Project/Civil/Environ. SR 85 Express Lanes, 2004/07/01; Map/MX/ENR/ENR/8\_Whitire\_and\_Victoria/and

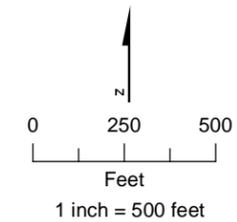


- Project Area
- Biological Study Area (BSA)
- Other waters of the U.S.
- Wetlands
- Stream/River\*

\*Streams and rivers shown as blue lines in this figure are from the National Hydrography Dataset. Some streams are unlabeled because the dataset does not include names for all ephemeral and intermittent waterways.



URS Corp., Oakland, CA; F. Benish-Pohl, L.P. Projects/Caltrans, SR 85 Express Lanes, 2004; TM/MapInfo/ESRI/Earth & Waters and Wetlands, and



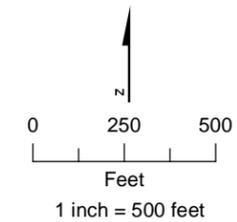
-  Project Area
-  Biological Study Area (BSA)
-  Other waters of the U.S.
-  Wetlands
-  Stream/River\*

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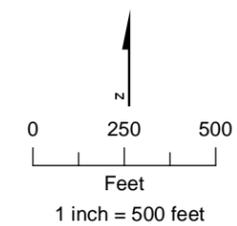


- Project Area
- Biological Study Area (BSA)
- Other waters of the U.S.
- Wetlands
- Stream/River\*

\*Streams and rivers shown as blue lines in this figure are from the National Hydrography Dataset. Some streams are unlabeled because the dataset does not include names for all ephemeral and intermittent waterways.

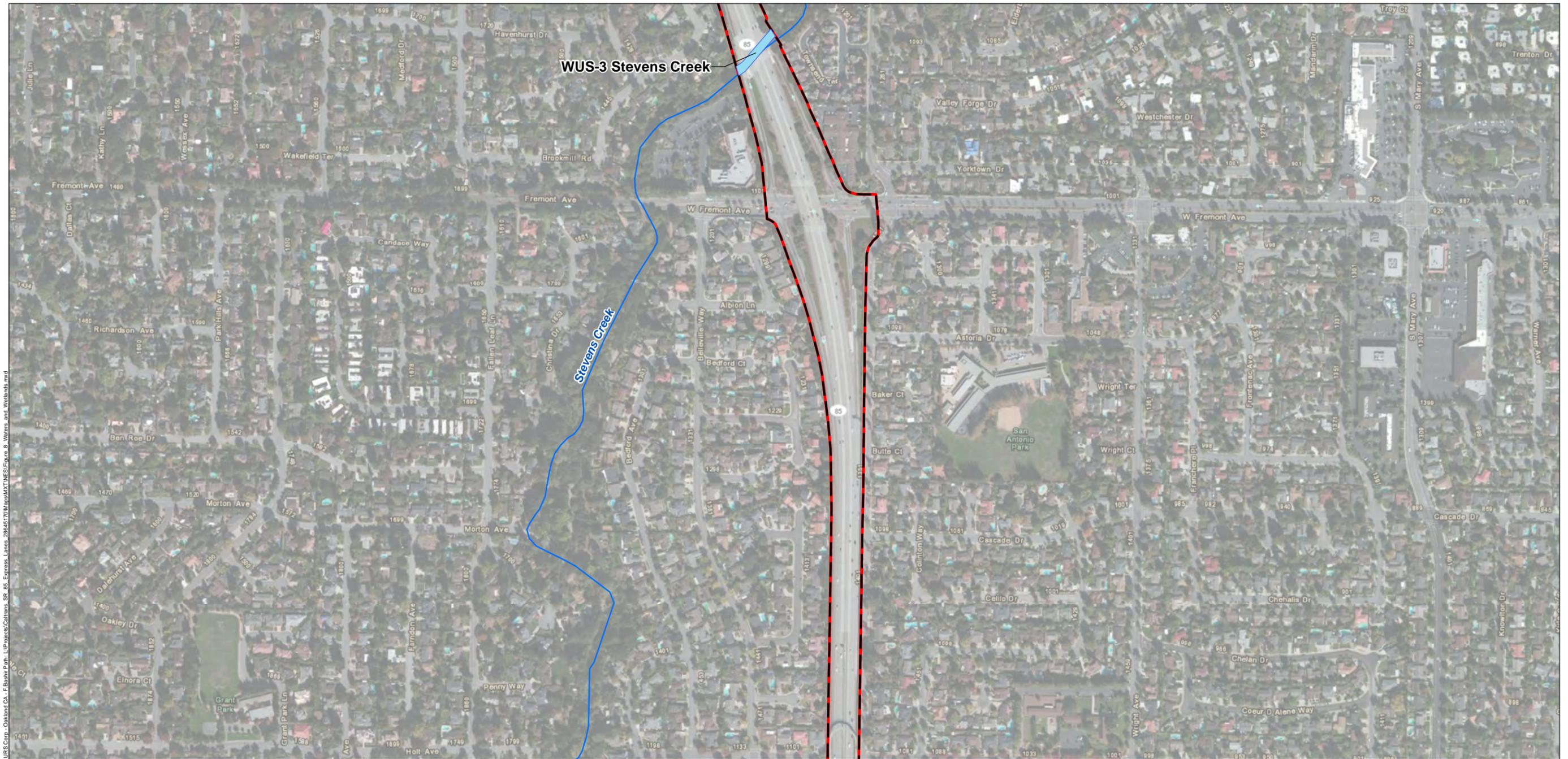


URS Corp., Oakland, CA; F. Baird Park; L:\Projects\Caltrans\_SR\_85\_Express\_Lanes\_2014\Map\MXD\Map\_Series\_8\_White\_and\_Wetlands.mxd

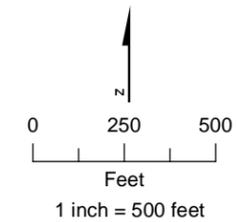


- Project Area
- Biological Study Area (BSA)
- Other waters of the U.S.
- Wetlands
- Stream/River\*

\*Streams and rivers shown as blue lines in this figure are from the National Hydrography Dataset. Some streams are unlabeled because the dataset does not include names for all ephemeral and intermittent waterways.

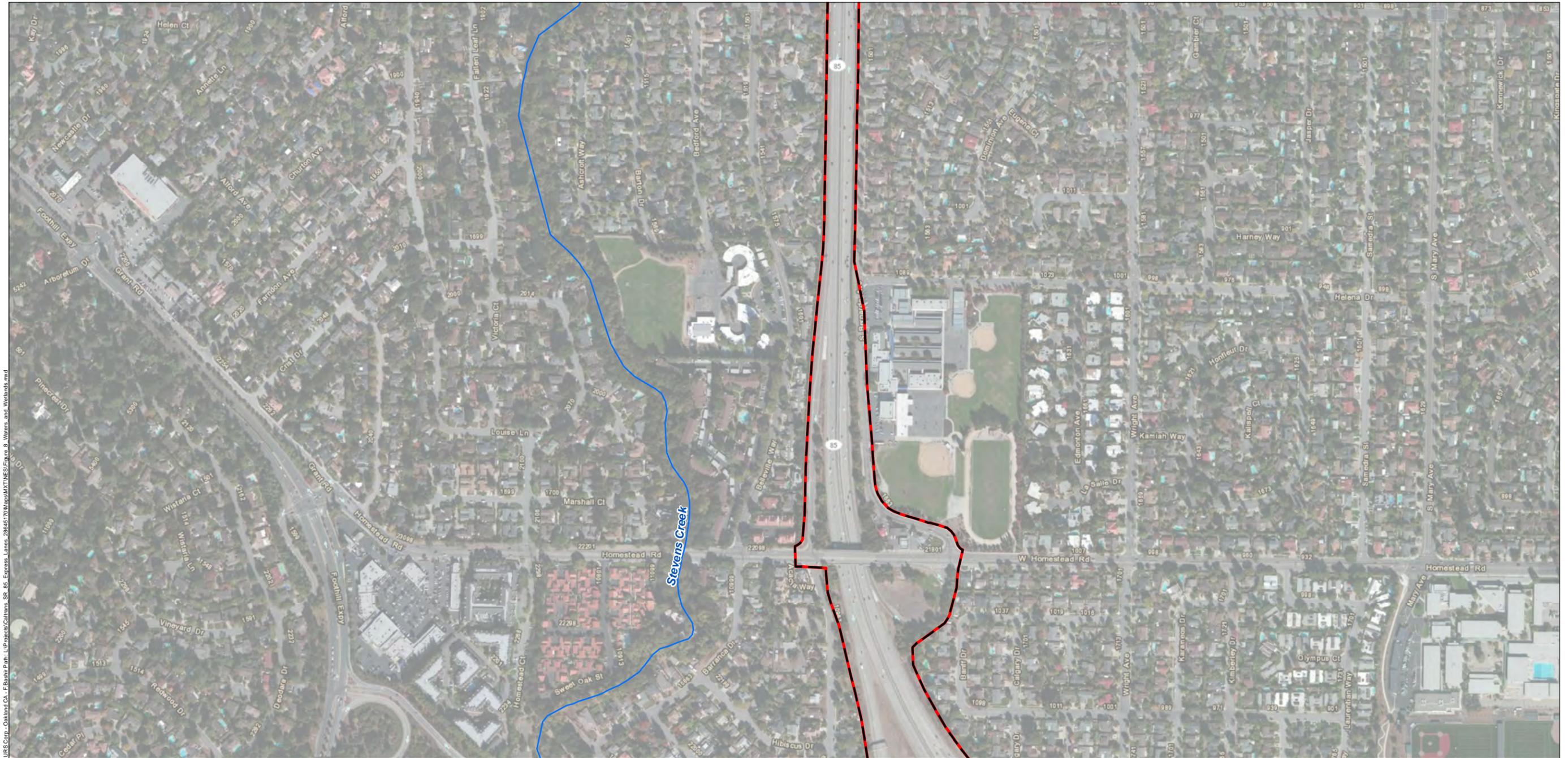


URS Corp., Oakland, CA; F. Bahr, P. H. L. Projects/Cultrane, SR 85 Express Lanes; 2004/10/MapData/MapData/Streams & Waters and Wetlands.mxd

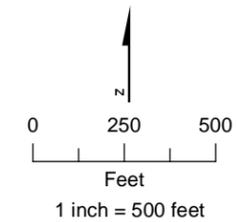


- Project Area
- Biological Study Area (BSA)
- Other waters of the U.S.
- Wetlands
- Stream/River\*

\*Streams and rivers shown as blue lines in this figure are from the National Hydrography Dataset. Some streams are unlabeled because the dataset does not include names for all ephemeral and intermittent waterways.



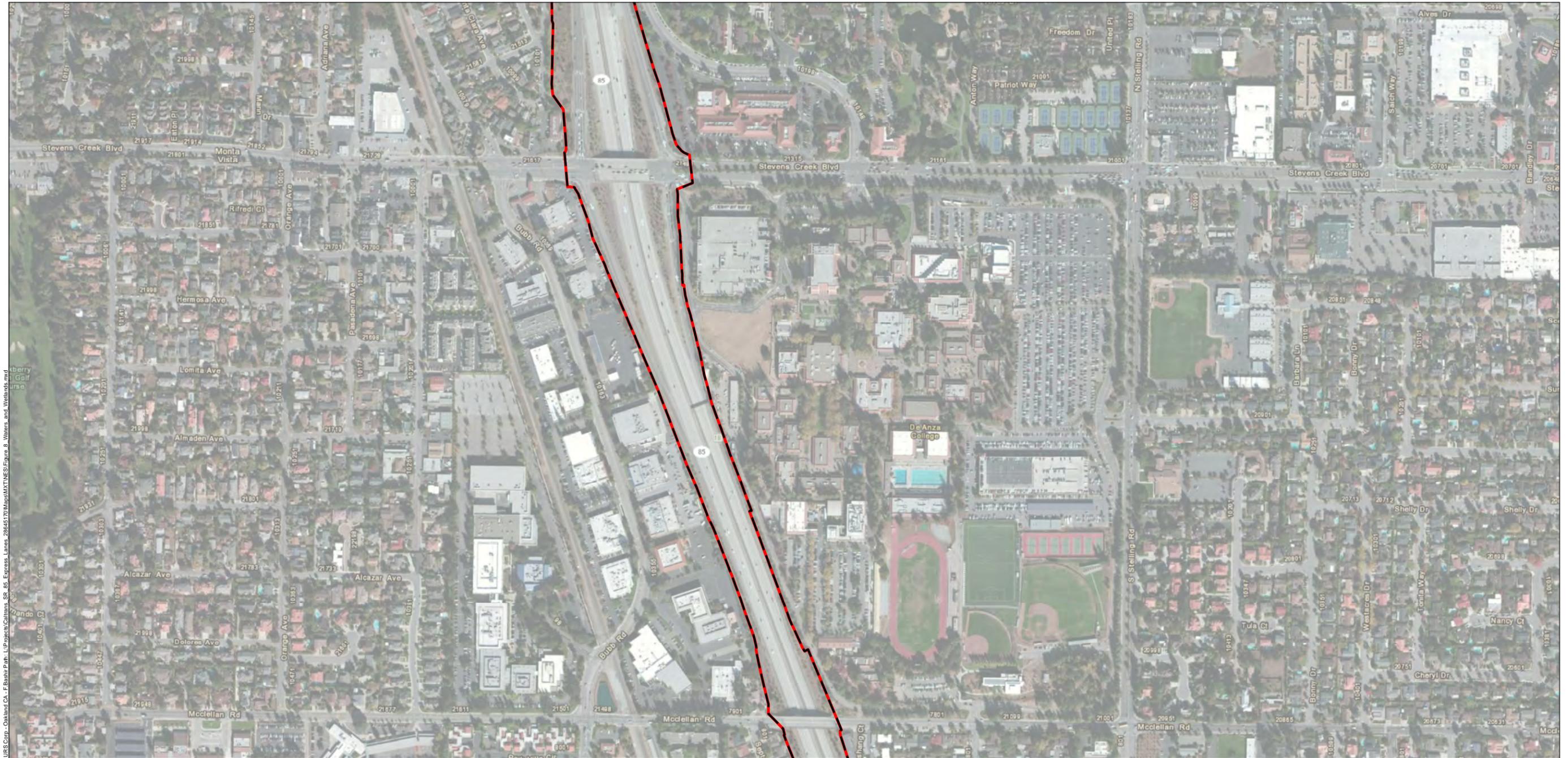
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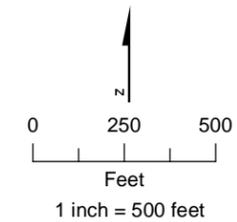
-  Project Area
-  Biological Study Area (BSA)
-  Other waters of the U.S.
-  Wetlands
-  Stream/River\*

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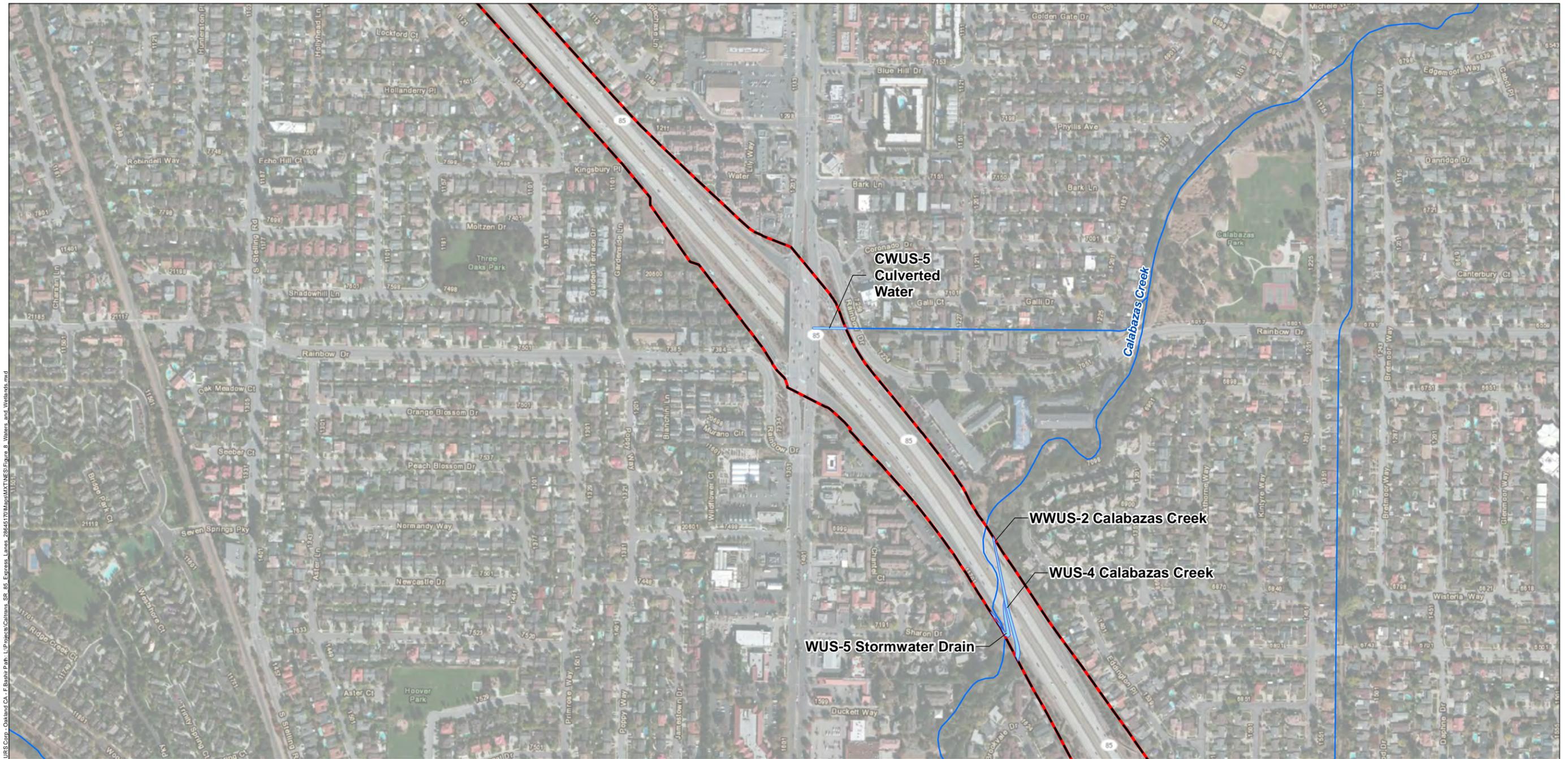
URS Corp., Oakland, CA; F. Baird Park; L. Project; Caltrans; SR 85 Express Lanes; 2014; 7/20/14; MapInfo; Streets, Wetlands, and Waters of the U.S.



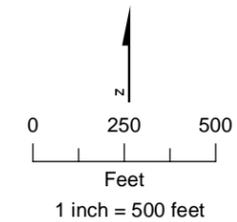
- Project Area
- Biological Study Area (BSA)
- Other waters of the U.S.
- Wetlands
- Stream/River\*

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URS Corp., Oakland, CA; F. Bahr, Pahr, L.P. Projects/Caltrans, SR 85 Express Lanes; 2014/12/01; Map/MX/MS/ES/ENR/8; Waters and Wetlands.mxd



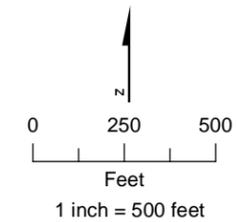
- Project Area
- Biological Study Area (BSA)
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- Wetlands
- Stream/River\*

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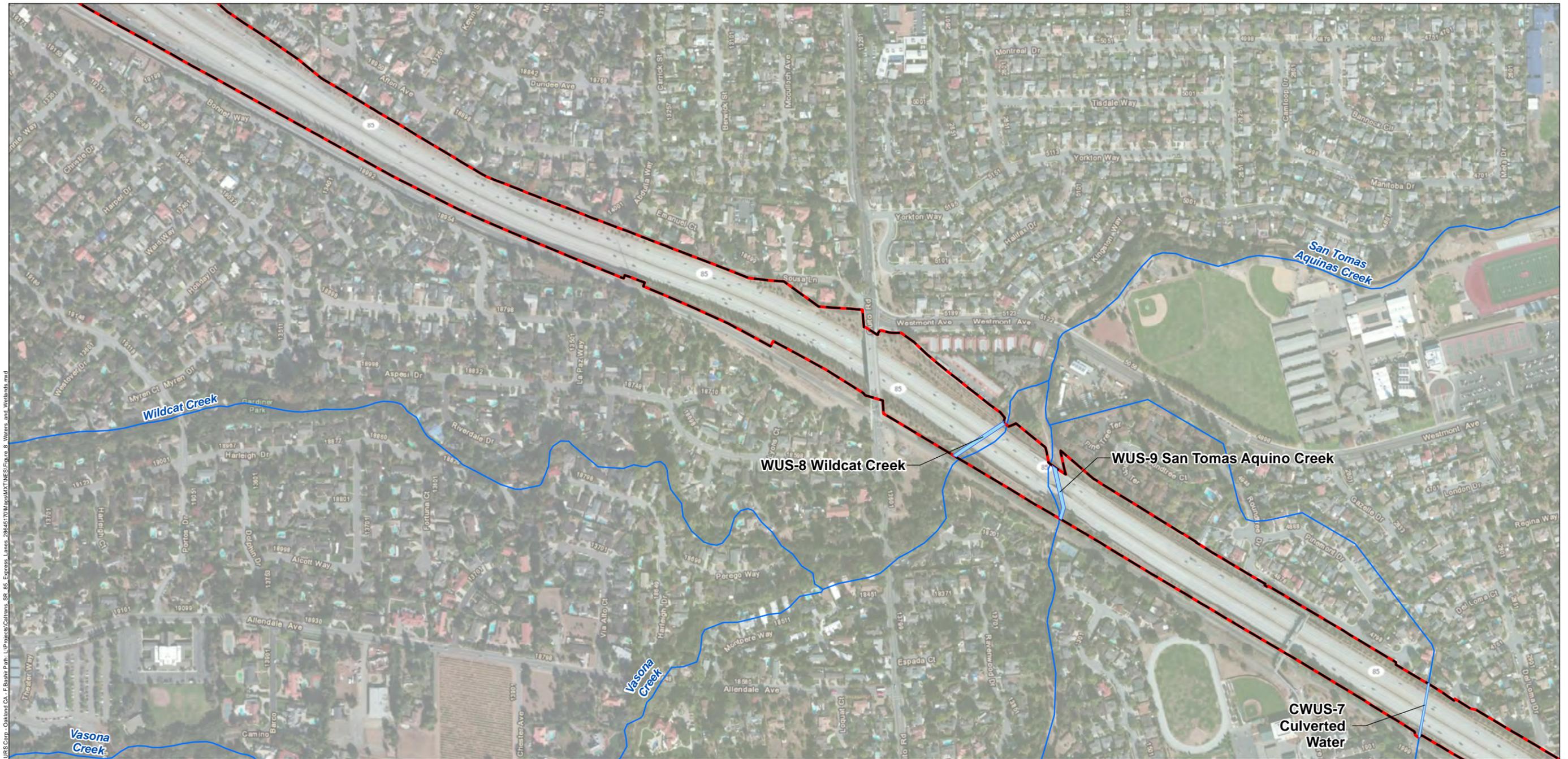


URS Corp., Oakland, CA; F. Bahr, P. L. Project/Culverts, SR 85 Express Lanes, 2004/07/01; M. J. M. S. C. E. R. 8, Waters and Wetlands.mxd

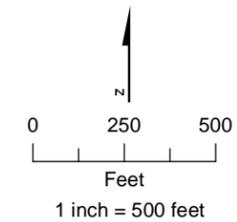


- Project Area
- Biological Study Area (BSA)
- Other waters of the U.S.
- Wetlands
- Stream/River\*

\*Streams and rivers shown as blue lines in this figure are from the National Hydrography Dataset. Some streams are unlabeled because the dataset does not include names for all ephemeral and intermittent waterways.



URS Corp., Oakland, CA; F. Bahr, P. P. L. Project; Caltrans, SR 85 Express Lanes, 2014; National Hydrography Dataset; and Wetlands and Watersheds



- Project Area
- Biological Study Area (BSA)
- Other waters of the U.S.
- Wetlands
- Stream/River\*

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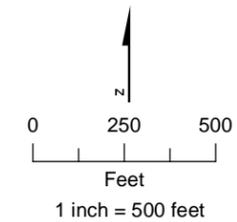








URS Corp., Oakland, CA; E. Bechtel Pahr, L.P. Project/Schematic; SR 85 Express Lanes; 2004/07/01; Map/MX/MS/ES/EP/UR & Waters and Wetlands.mxd

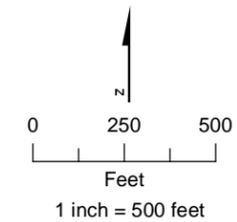


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URS Corp., Oakland, CA; L. Blair Park, L.P. Project/Culham, SR 85 Express Lanes, 2014.170\Map\MX\MapSeries\Waters and Wetlands.mxd

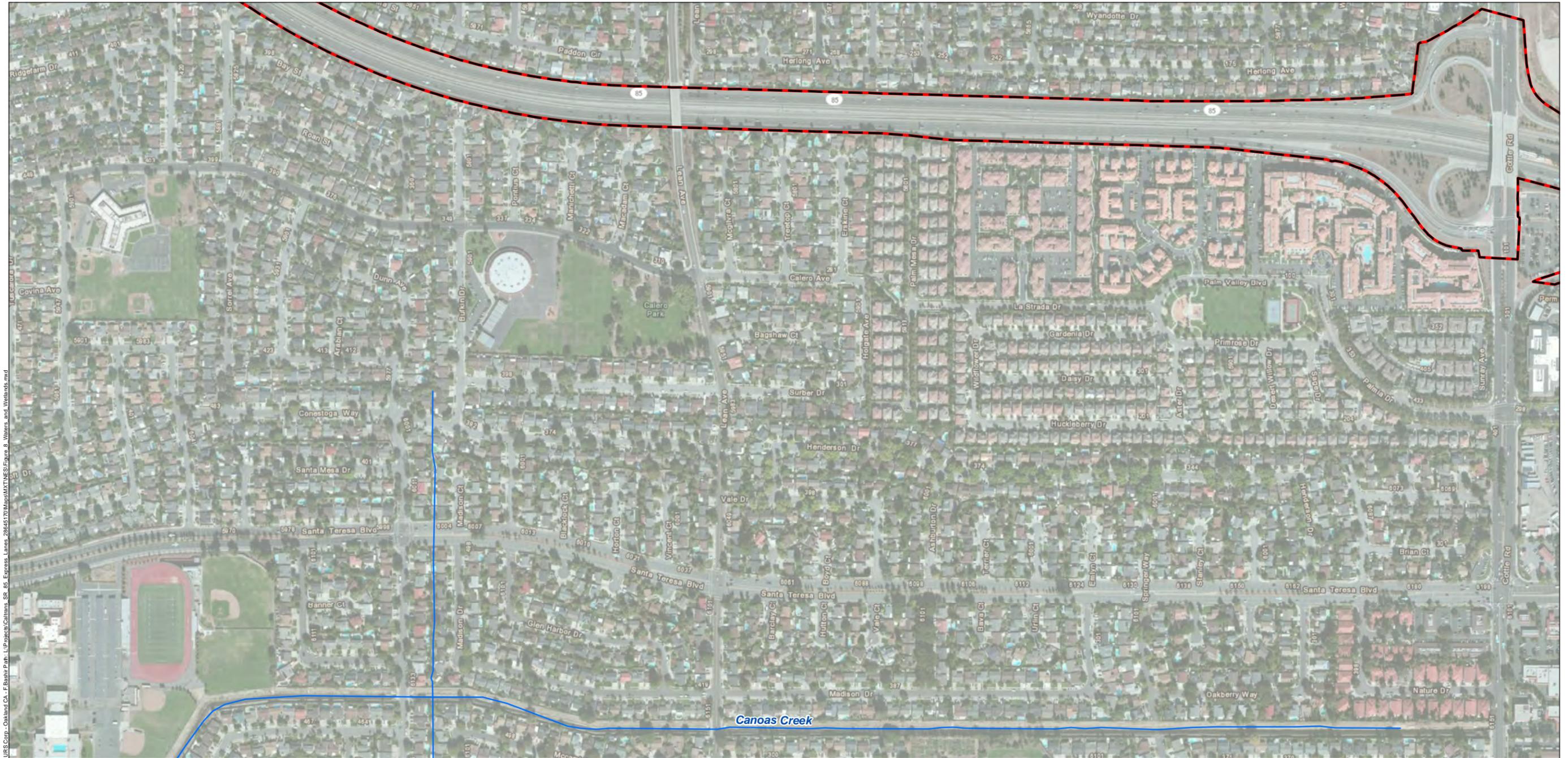


- Project Area
- Biological Study Area (BSA)
- Other waters of the U.S.
- Wetlands
- Stream/River\*

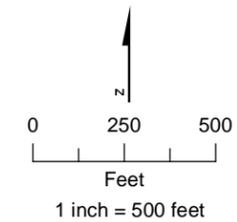
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URS Corp., Oakland, CA; F. Bahr, Pahr, L. Projects/Caltrans, SR 85 Express Lanes, 2/26/15, 7/10/15, 11/15/15, 1/16/16, 3/16/16, 5/16/16, 7/16/16, 9/16/16, 11/16/16, 1/17/17, 3/17/17, 5/17/17, 7/17/17, 9/17/17, 11/17/17, 1/18/18, 3/18/18, 5/18/18, 7/18/18, 9/18/18, 11/18/18, 1/19/19, 3/19/19, 5/19/19, 7/19/19, 9/19/19, 11/19/19, 1/20/20, 3/20/20, 5/20/20, 7/20/20, 9/20/20, 11/20/20, 1/21/21, 3/21/21, 5/21/21, 7/21/21, 9/21/21, 11/21/21, 1/22/22, 3/22/22, 5/22/22, 7/22/22, 9/22/22, 11/22/22, 1/23/23, 3/23/23, 5/23/23, 7/23/23, 9/23/23, 11/23/23, 1/24/24, 3/24/24, 5/24/24, 7/24/24, 9/24/24, 11/24/24, 1/25/25, 3/25/25, 5/25/25, 7/25/25, 9/25/25, 11/25/25, 1/26/26, 3/26/26, 5/26/26, 7/26/26, 9/26/26, 11/26/26, 1/27/27, 3/27/27, 5/27/27, 7/27/27, 9/27/27, 11/27/27, 1/28/28, 3/28/28, 5/28/28, 7/28/28, 9/28/28, 11/28/28, 1/29/29, 3/29/29, 5/29/29, 7/29/29, 9/29/29, 11/29/29, 1/30/30, 3/30/30, 5/30/30, 7/30/30, 9/30/30, 11/30/30, 1/31/31, 3/31/31, 5/31/31, 7/31/31, 9/31/31, 11/31/31, 1/32/32, 3/32/32, 5/32/32, 7/32/32, 9/32/32, 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URS Corp., Oakland, CA; F. Bahr, Pahr, L.P. Project/Client: SR 85 Express Lanes, 2004/07/20; Map/MX: SR 85 Express Lanes; and Wetlands.mxd

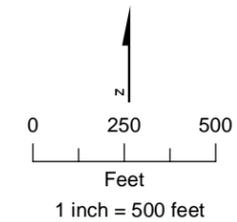


-  Project Area
-  Biological Study Area (BSA)
-  Other waters of the U.S.
-  Wetlands
-  Stream/River\*

\*Streams and rivers shown as blue lines in this figure are from the National Hydrography Dataset. Some streams are unlabeled because the dataset does not include names for all ephemeral and intermittent waterways.

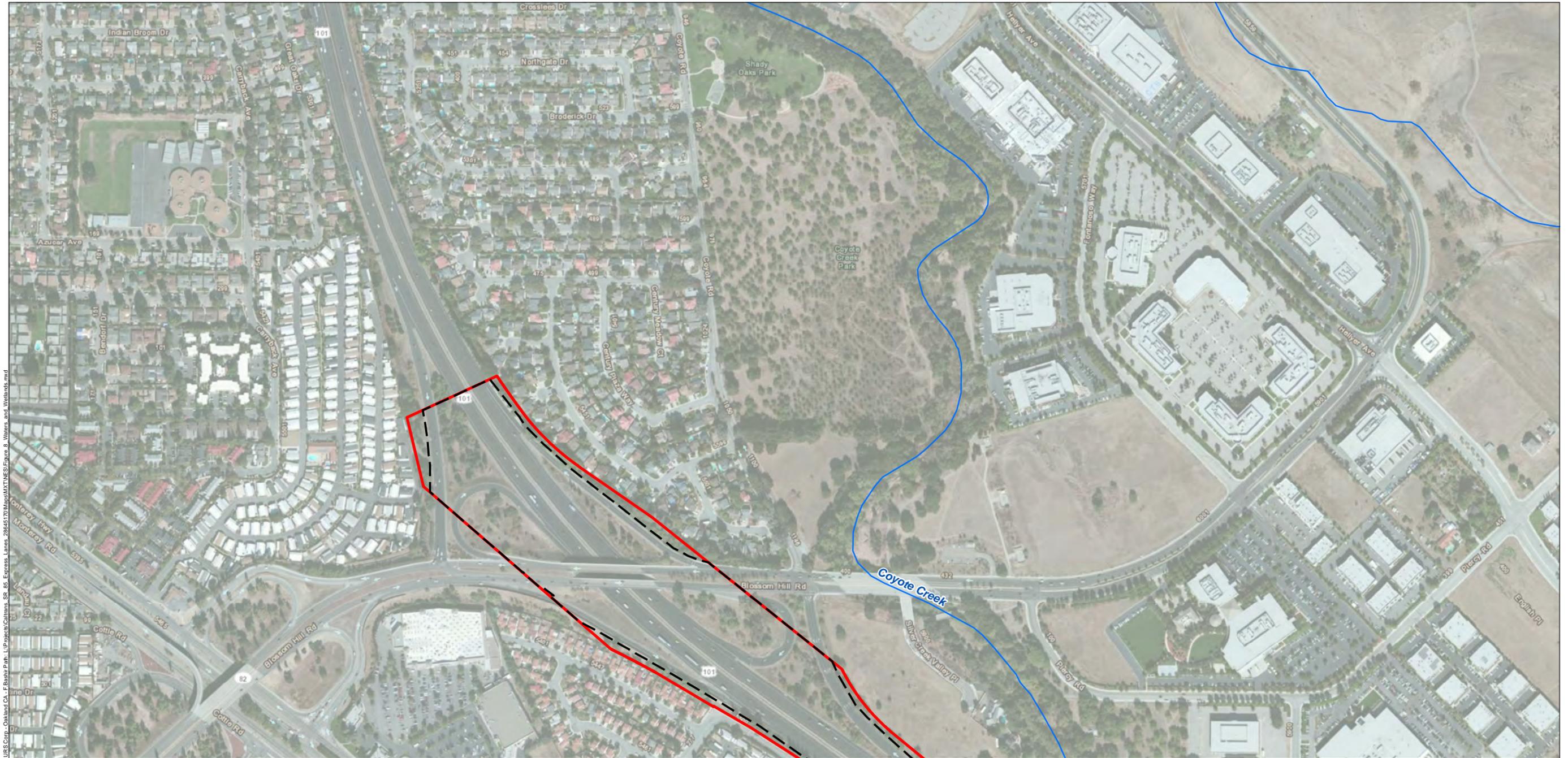


URS Corp., Oakland, CA; F. Baird Park, L. Project/Cultrons, SR 85 Express Lanes, 2004; TO: Map/MX/VE/SE/Environ\_8\_Waters\_and\_Wetlands.mxd

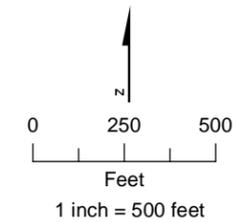


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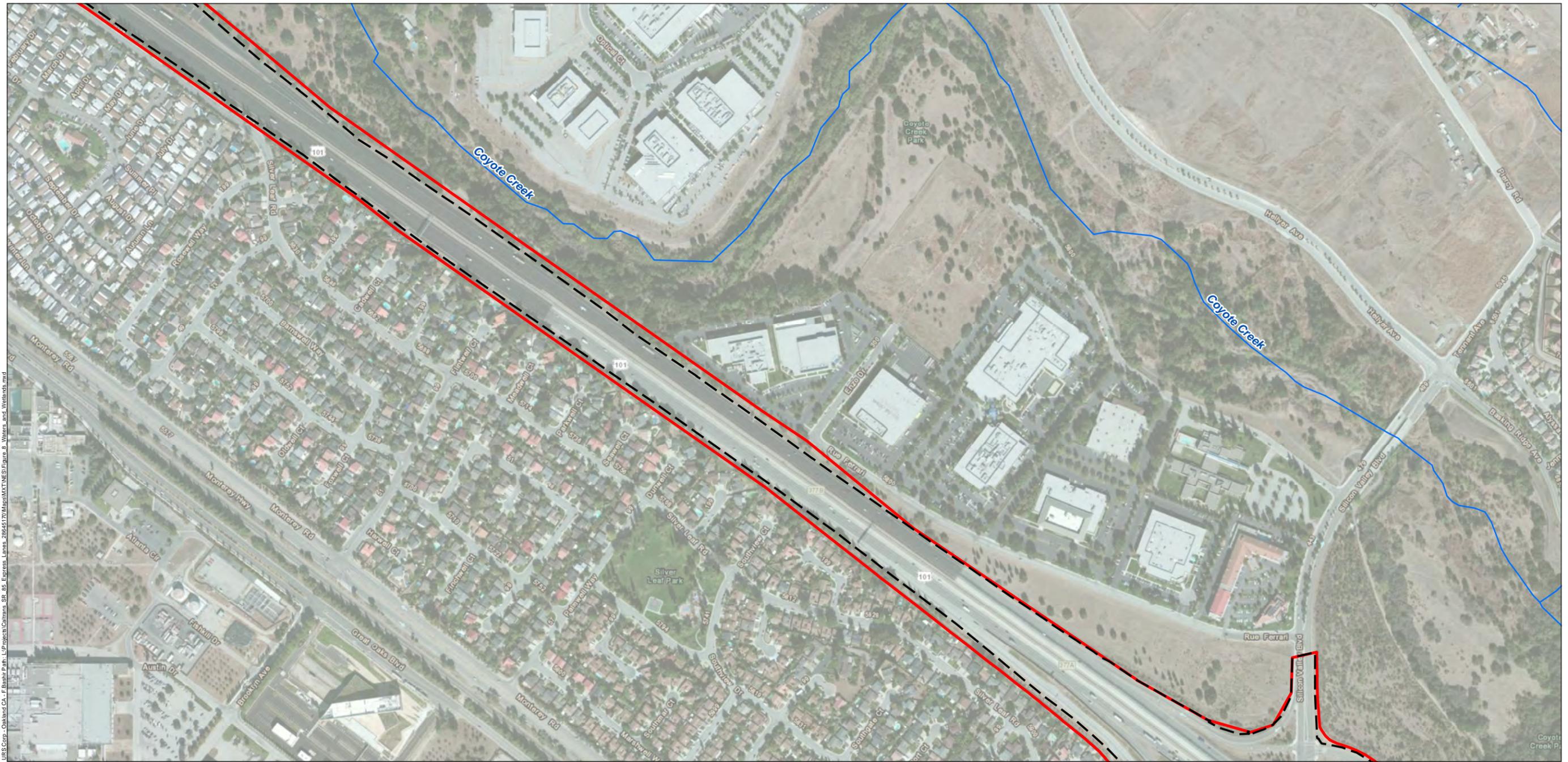


URS Corp., Oakland, CA; F. Bahr, P. M. L. P. Projects; S. J. S. Express Lanes; 2004; 7/20/04; M. J. M. S. Express Lanes; 8. Waters and Wetlands.mxd

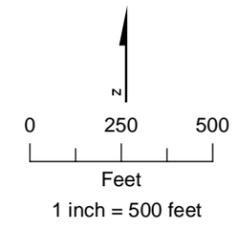


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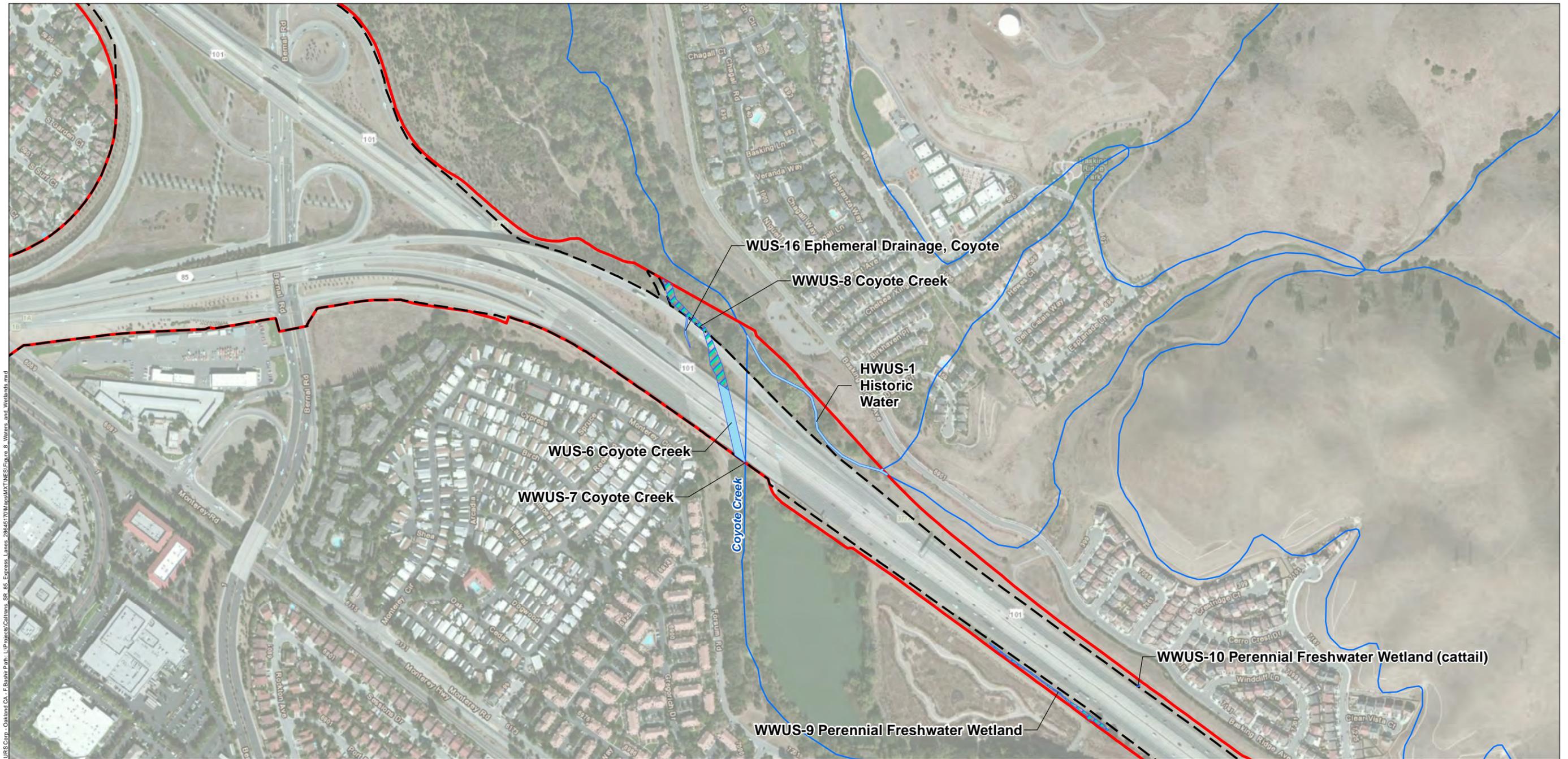


URS Corp., Oakland, CA; F. Benish Part. LP; Project/Schematic; SR 85 Express Lanes; 2014; 7/10; Map/MX/1/2/3/4/5/6/7/8; Waters and Wetlands.mxd

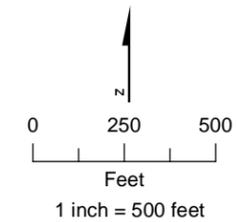


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URS Corp., Oakland, CA; F. Bahr, P. P. L. Project/Caltrans, SR 85 Express Lanes, 2014.701MapData\MapData\MapData\MapData\MapData.mxd

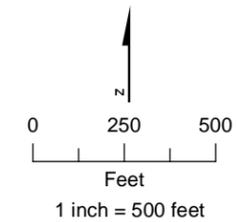


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URS Corp., Oakland, CA; F. Baird Park, L.P. Project; Caltrans, SR 85 Express Lanes, 2004; MapInfo; MXE; S. Elmer; and Wetlands.mxd

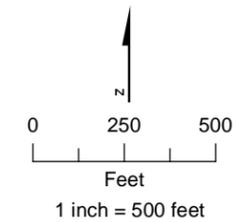


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URS Corp., Oakland, CA; F. Baird Parr, L.P. Projects/Caltrans, SR 85 Express Lanes, 2004.70 Map/MX/101/85/Express\_8\_Waters\_and\_Wetlands.mxd

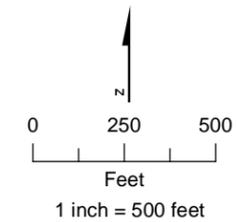


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- Biological Study Area (BSA)
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URS Corp., Oakland, CA; F. Baird Parr, L.P. Projects/Caltrans, SR 85 Express Lanes, 2004/07/20 Map/MXD/MS/Export\_8 Waters and Wetlands.mxd

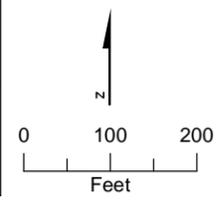
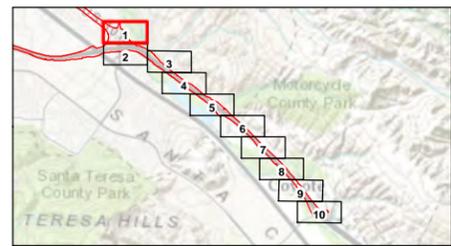


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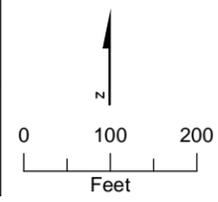
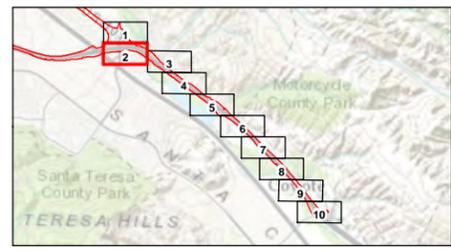
- Project Area
- Biological Study Area (BSA)
- Temporary Impact to Upland Habitat
- Environmentally Sensitive Area (ESA) Fencing

Caltrans  
State Route 85 Express Lanes

**Figure 9**  
**Sheet 1**  
Impacts to Upland Dispersal Habitat in the Project Area



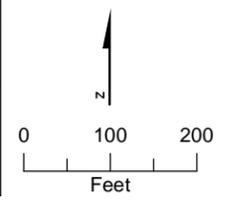
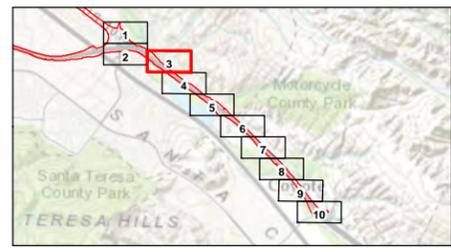
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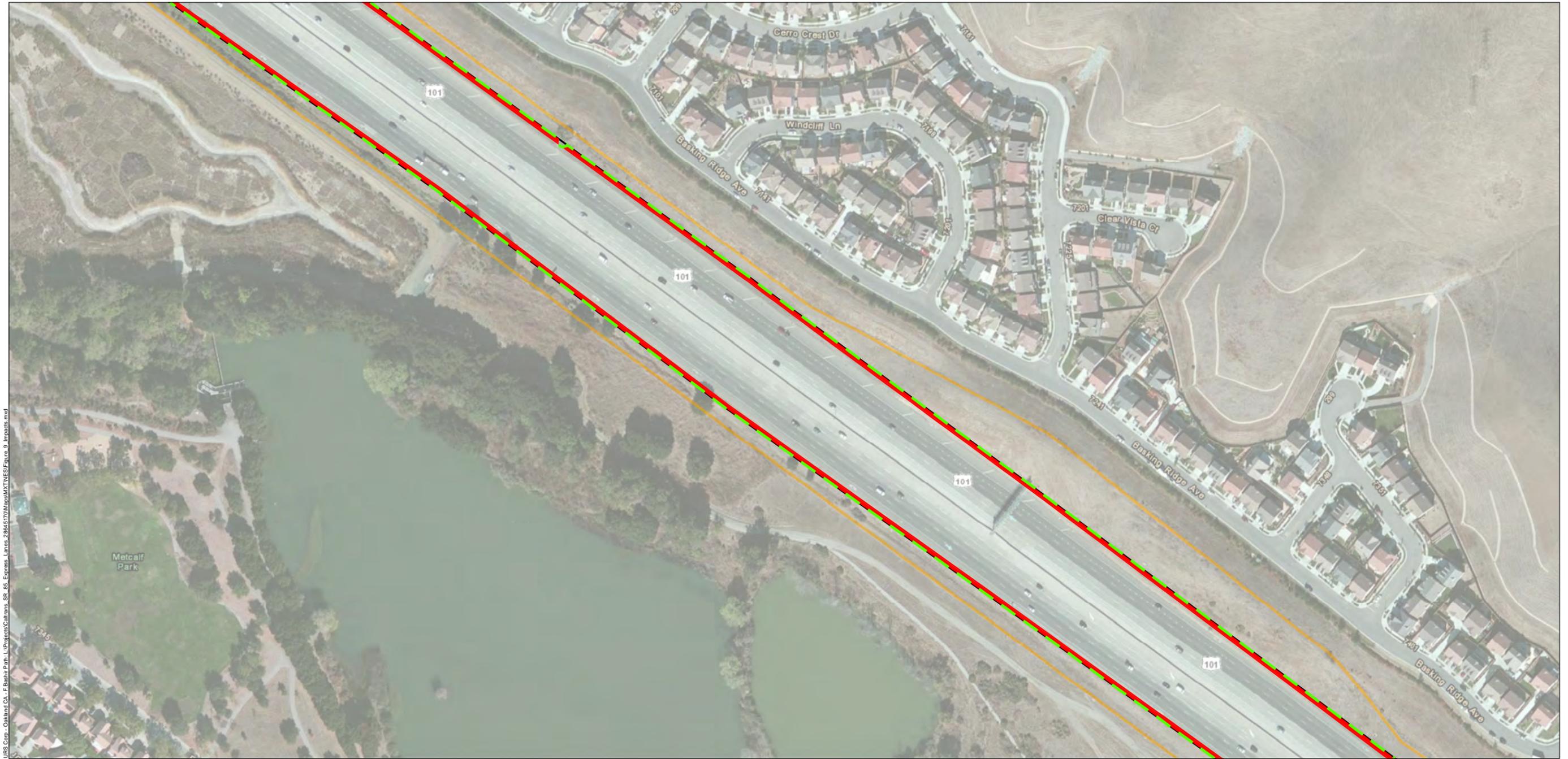
- Project Area
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- Environmentally Sensitive Area (ESA) Fencing



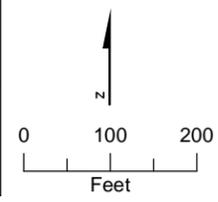
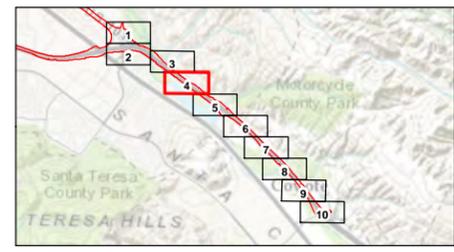
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- Project Area
- Biological Study Area (BSA)
- Temporary Impact to Upland Habitat
- Environmentally Sensitive Area (ESA) Fencing



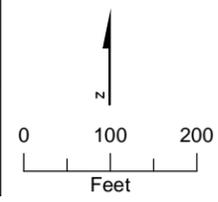
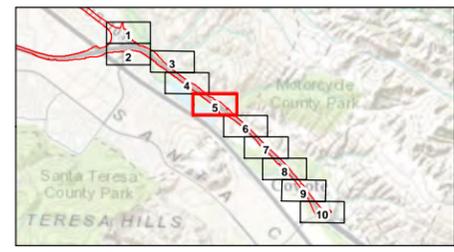
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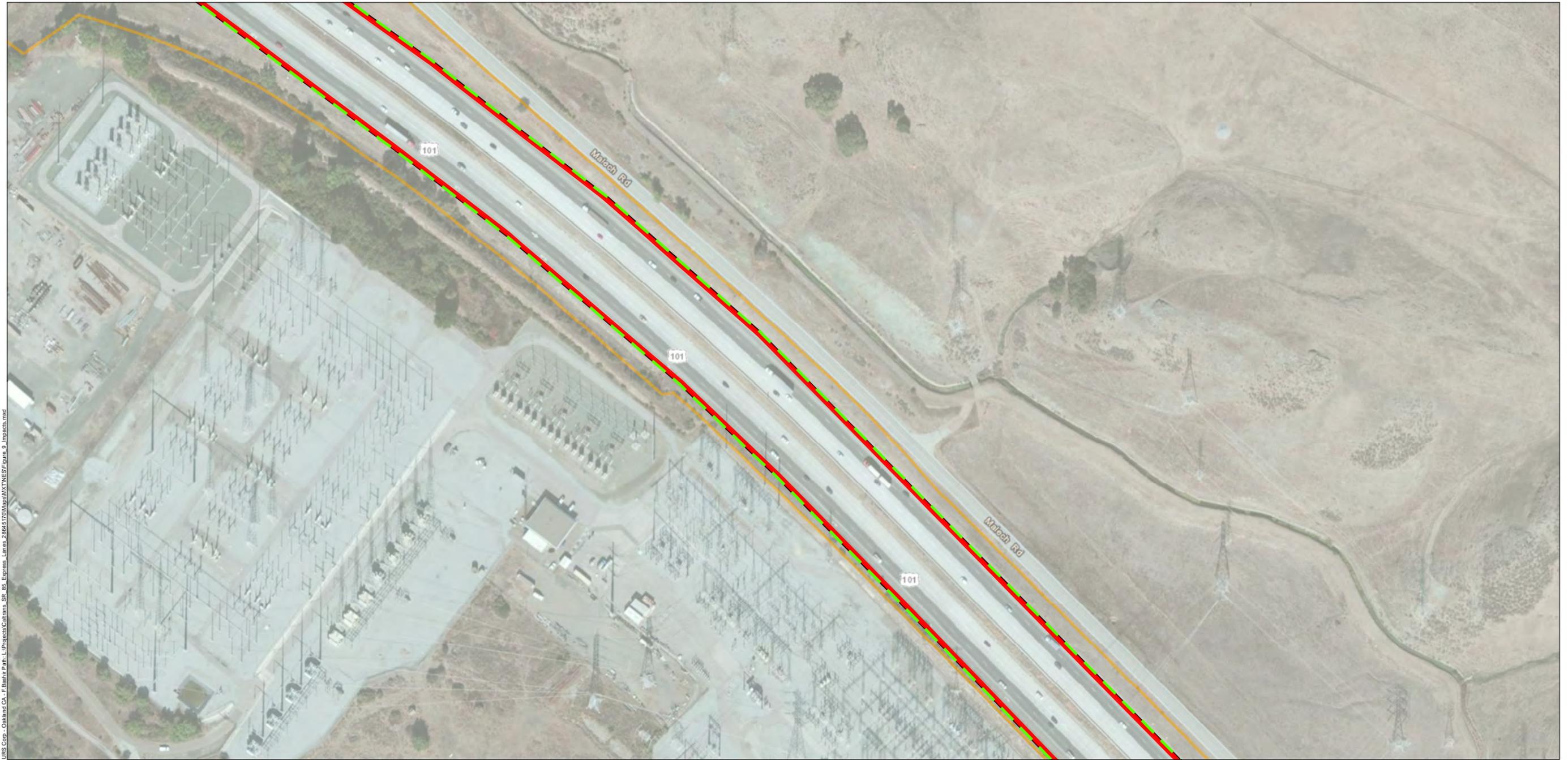
- Project Area
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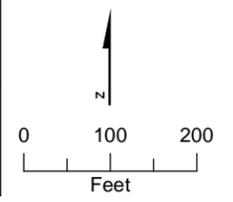
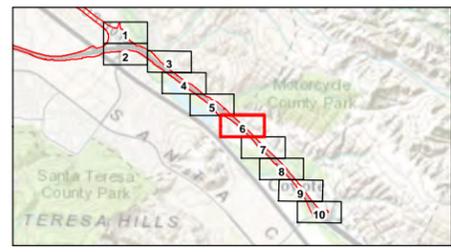
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- Project Area
- Biological Study Area (BSA)
- Temporary Impact to Upland Habitat
- Environmentally Sensitive Area (ESA) Fencing



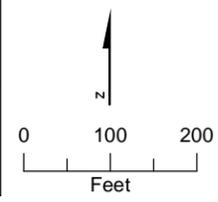
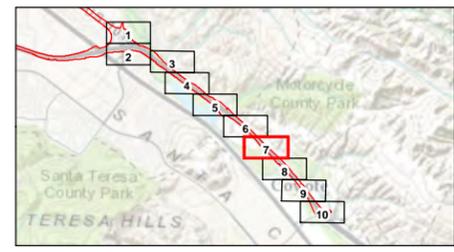
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- Project Area
- Biological Study Area (BSA)
- Temporary Impact to Upland Habitat
- Environmentally Sensitive Area (ESA) Fencing



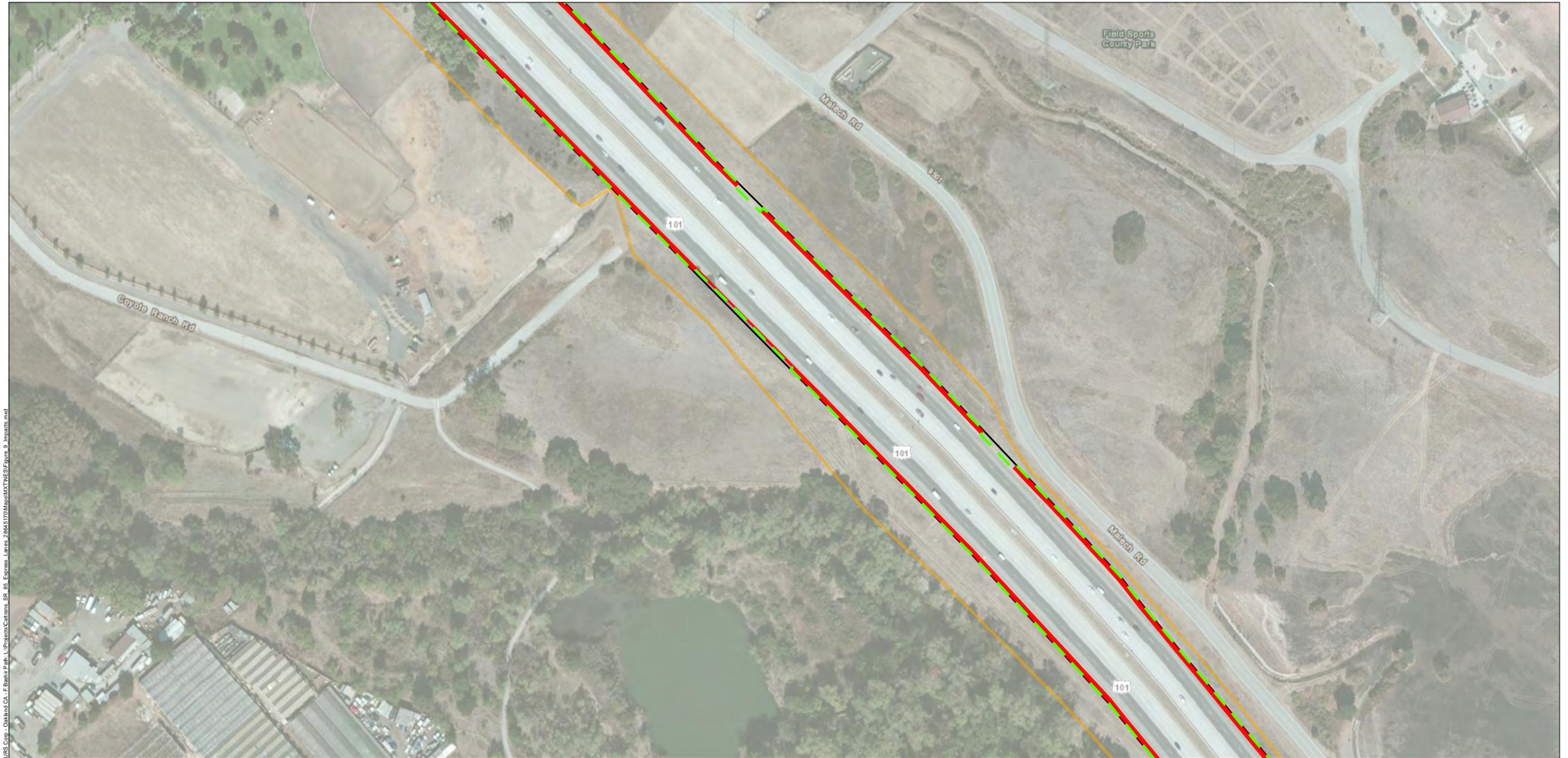
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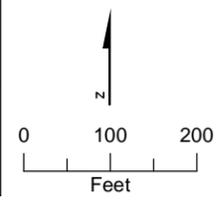
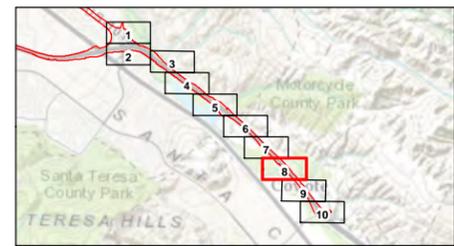
- Project Area
- Biological Study Area (BSA)
- Temporary Impact to Upland Habitat
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Caltrans  
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**Figure 9**  
**Sheet 7**  
Impacts to Upland Dispersal Habitat in the Project Area



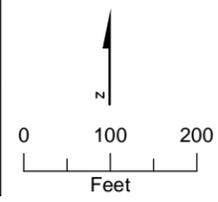
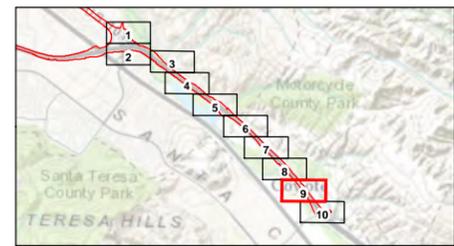
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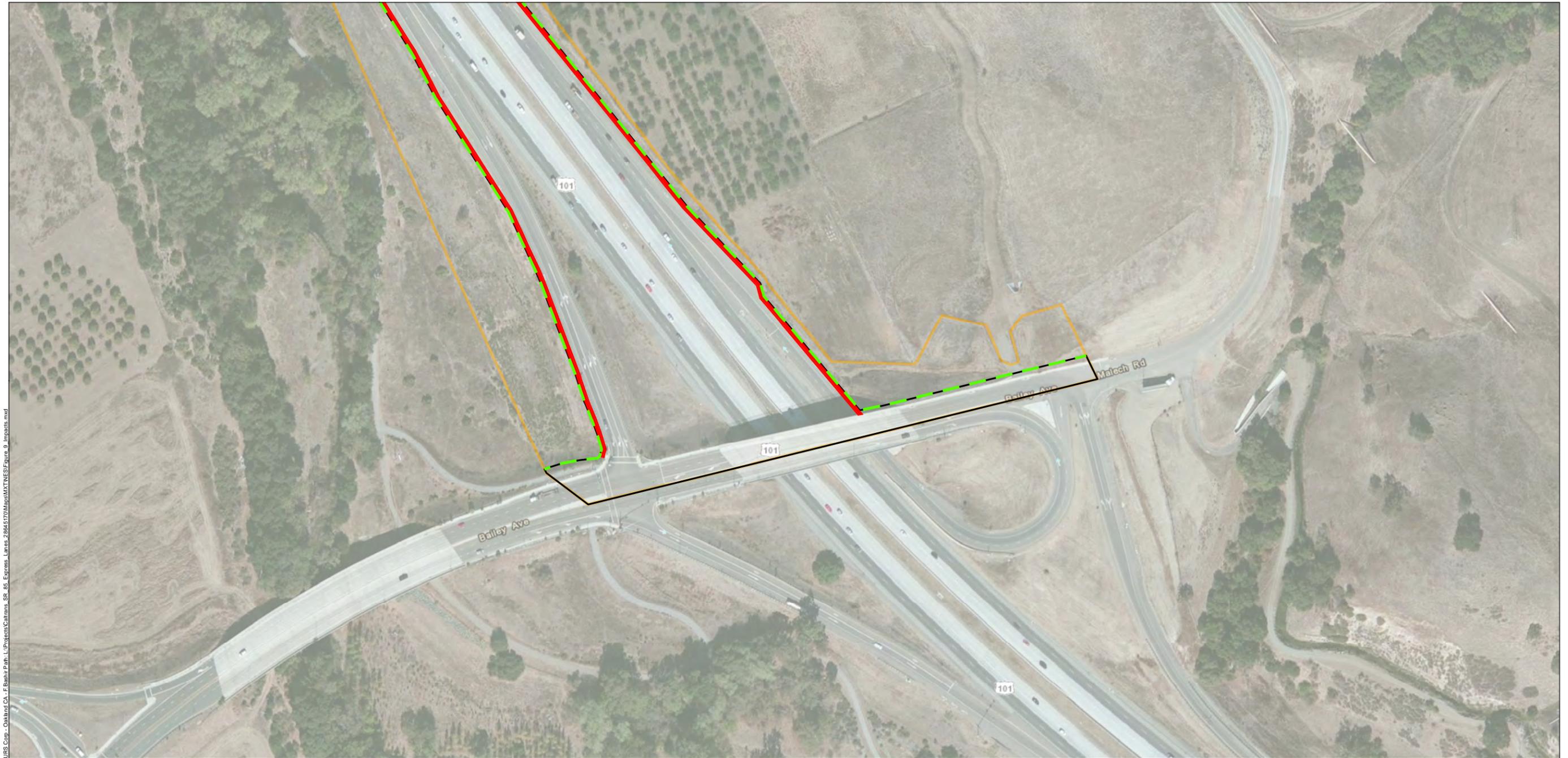
- Project Area
- Biological Study Area (BSA)
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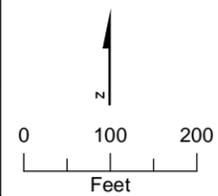
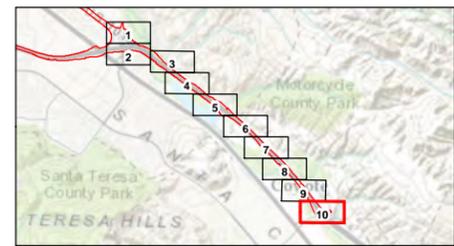
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- Project Area
- Biological Study Area (BSA)
- Temporary Impact to Upland Habitat
- Environmentally Sensitive Area (ESA) Fencing



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- Project Area
- Biological Study Area (BSA)
- Temporary Impact to Upland Habitat
- Environmentally Sensitive Area (ESA) Fencing