

Supplemental Legend, See Figures 4-01 to 4-28

Wetland Delineation - Habitat Mapping - Sensitive Plant Species

	Wetland - Palustrine Emergent		Shorebird Roosting
	Wetland - Ditch (Palustrine)		Riparian
	Wetland - Estuarine Emergent (Ditch)	Plant Species	
	Wetland - Estuarine Intertidal Emergent		<i>Caryx lyngbyei</i>
	Other Waters of the US (Tidal)		<i>Castilleja ambigua</i>
	Water - OHWM		<i>Cordylanthus maritimus</i>

Field Data Points

-  Estuarine Intertidal Emergent Wetland
-  Other Waters of the US (Tidal)
-  Palustrine Emergent Wetland
-  Test Pit

Elevation data

-  Contour, Index (5 Ft)
-  Contour, Minor (1 Ft)
-  Mean High Tide (6ft - NAVD88)
-  High Tide Line (8ft - NAVD88)

**COE STAMP FOR
JURSDICTIONAL APPROVAL**

This wetlands delineation map is the opinion of Winzler & Kelly at the time the delineation was conducted. This map is not for planning, permitting, or construction uses without a U.S. Army Corps of Engineers (COE) jurisdictional determination stamp below. Note that some projects may also need verification of delineation map from the California Department of Fish & Game (DFG), County, and/or USFWS.

	City Boundary		Trail Footprint
	City Parks		Bridges
	Coastal Zone		Creeks
	HBNWR		Property Line
	Study Area		

0 25 50 100 Ft

Sources: City of Arcata GIS - 1 ft resolution aerials, Streets, Parks, Landmarks, City Boundary; Humboldt County GIS - Coastal Zone, HBNWR boundaries, and Aerial NAIP 2009 1 meter resolution.



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GLD

Date:
3/3/2011

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Figure 4 - 00 Existing Wetlands/Habitats

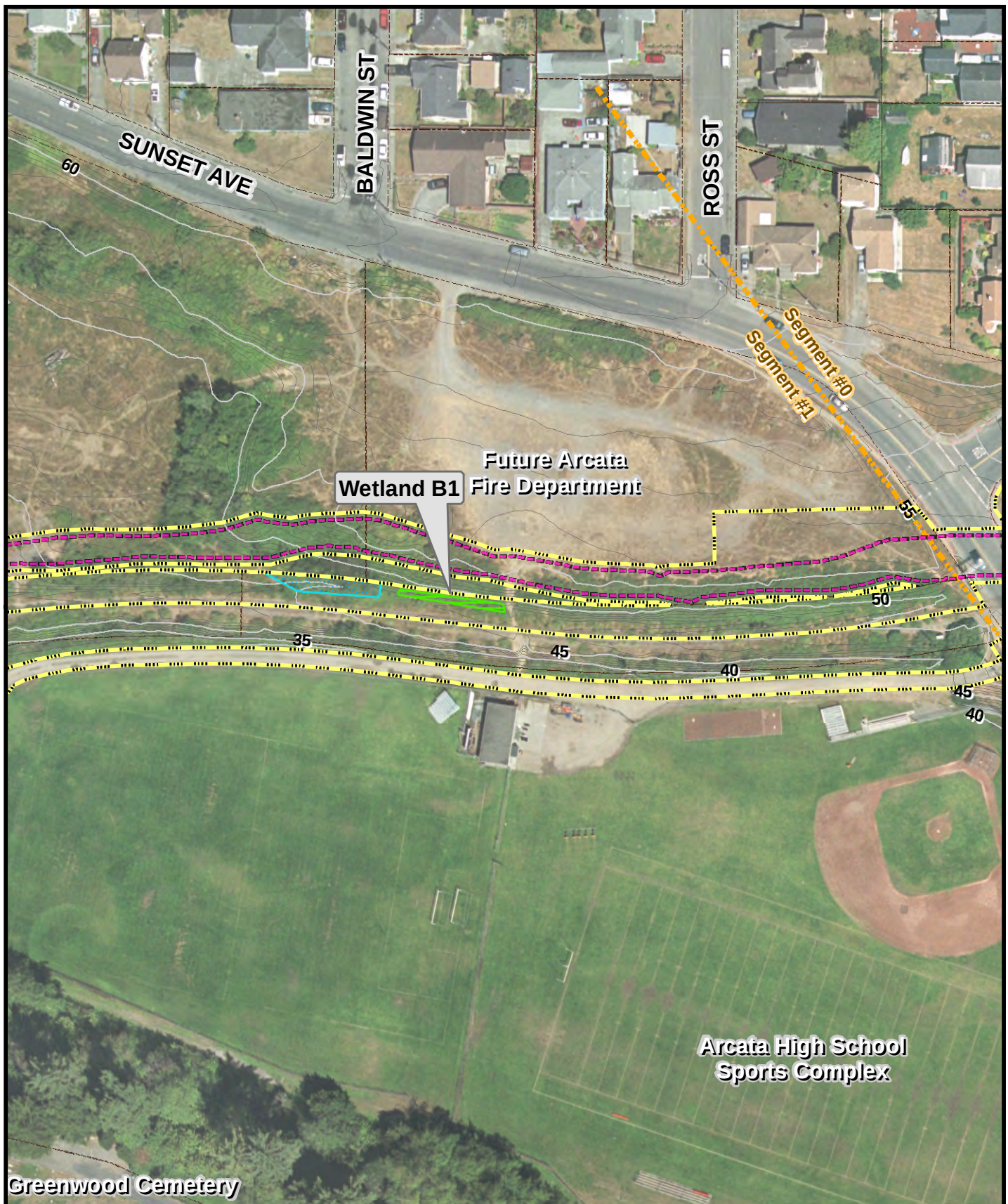
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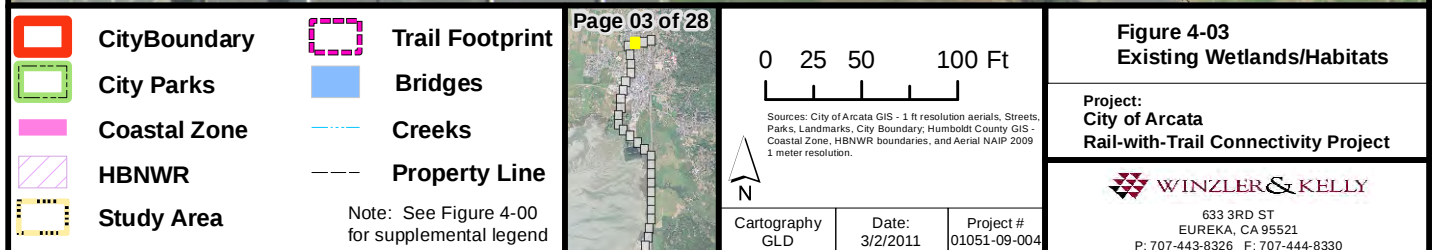
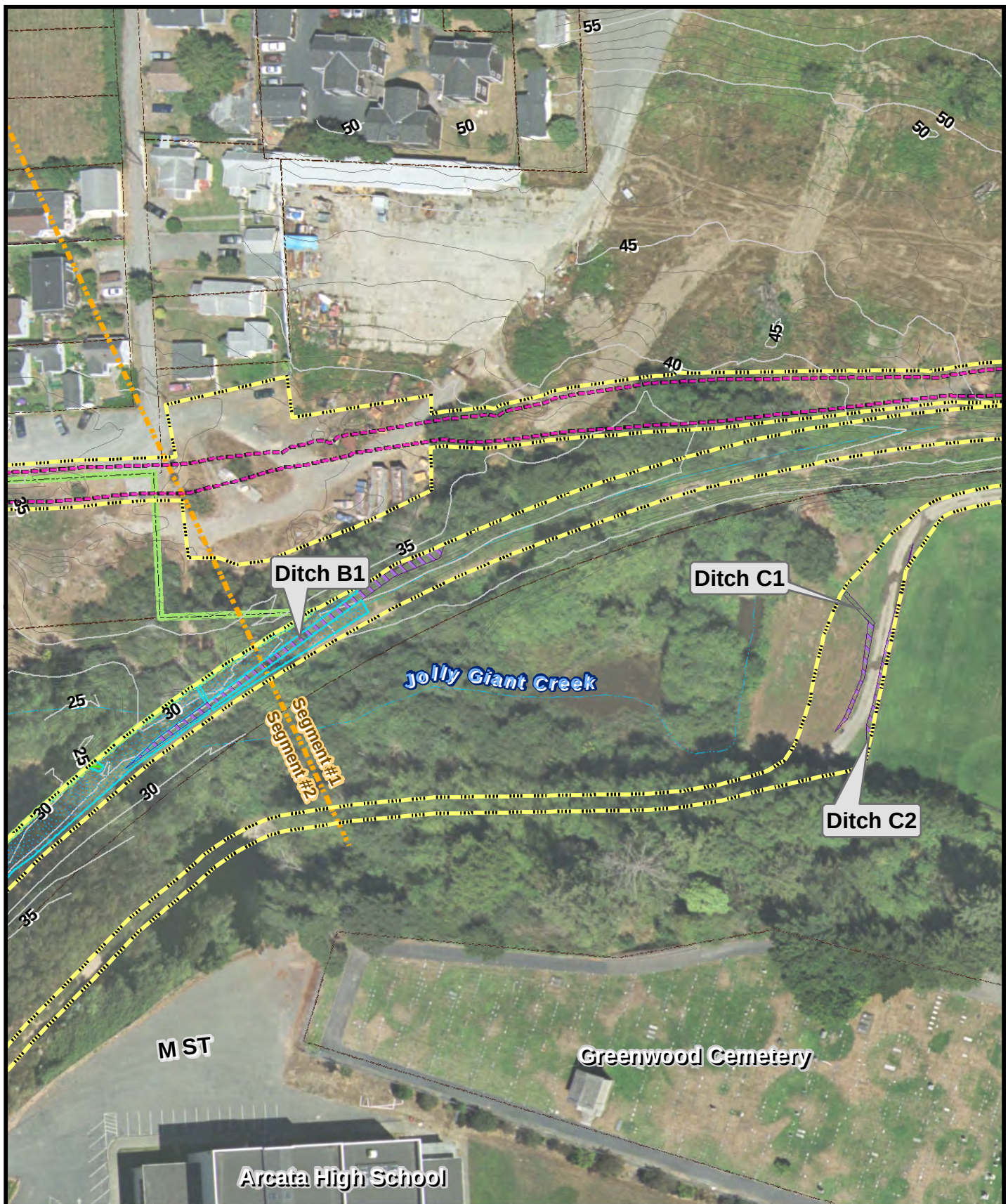
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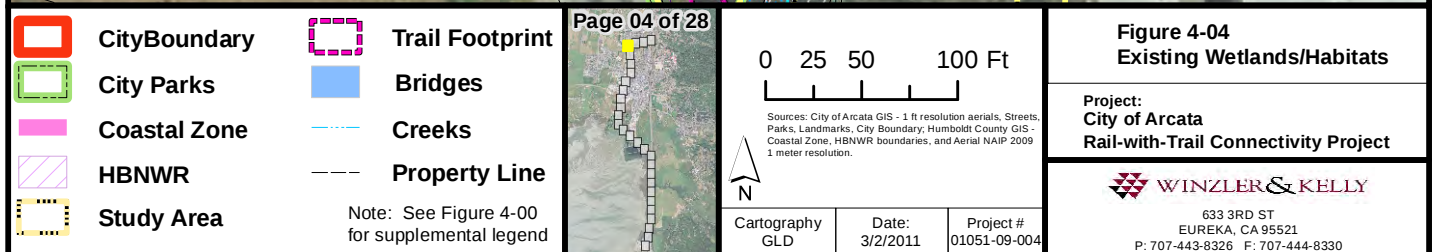


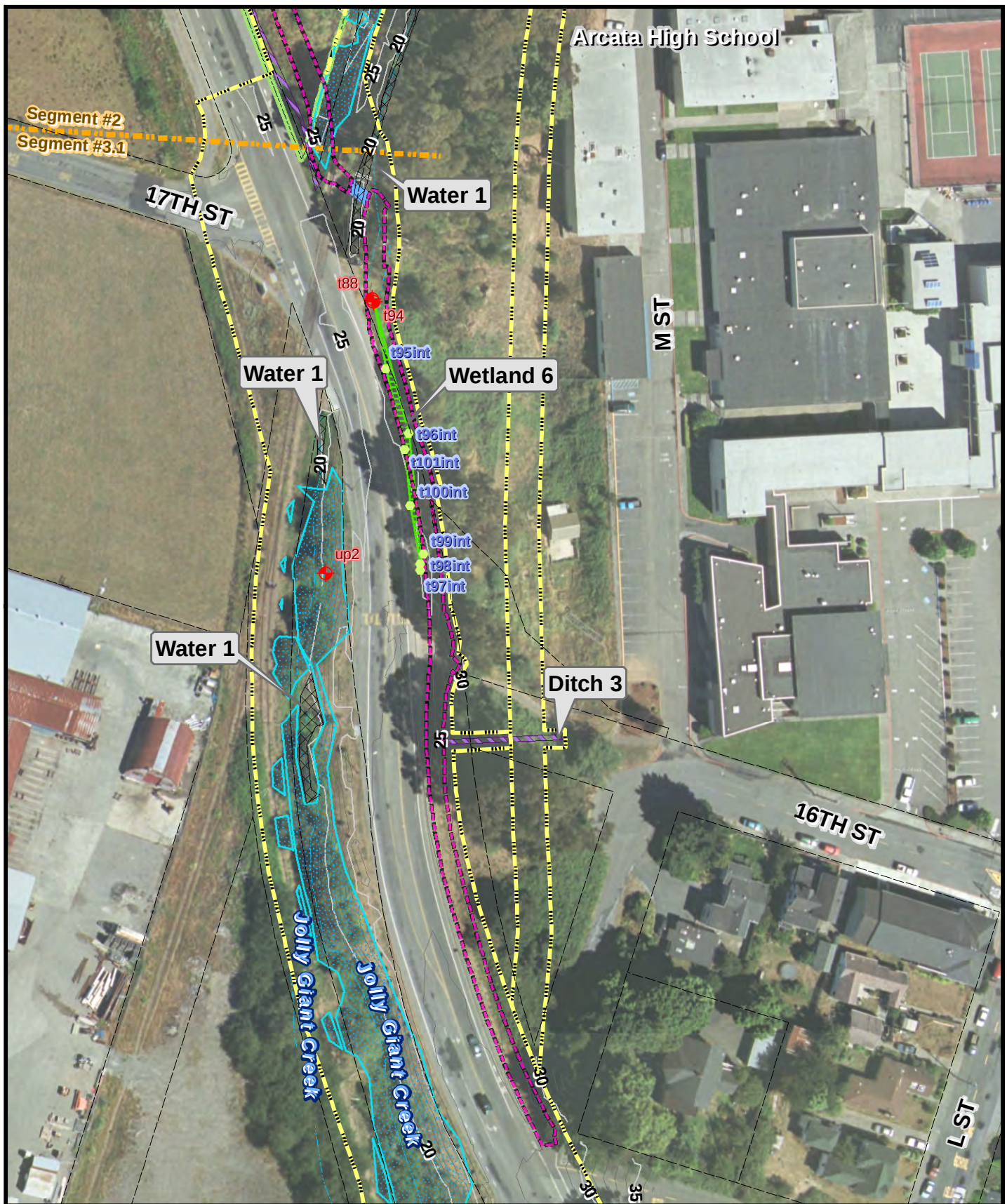
City Boundary City Parks Coastal Zone HBNWR Study Area	Trail Footprint Bridges Creeks Property Line Note: See Figure 4-00 for supplemental legend	Page 01 of 28	0 25 50 100 Ft Sources: City of Arcata GIS - 1 ft resolution aerials, Streets, Parks, Landmarks, City Boundary, Humboldt County GIS - Coastal Zone, HBNWR boundaries, and Aerial NAIP 2009 1 meter resolution. N	Figure 4-01 Existing Wetlands/Habitats Project: City of Arcata Rail-with-Trail Connectivity Project WINZLER & KELLY 633 3RD ST EUREKA, CA 95521 P: 707-443-8326 F: 707-444-8330
		Cartography GLD	Date: 3/2/2011	Project # 01051-09-004



City Boundary City Parks Coastal Zone HBNWR Study Area	Trail Footprint Bridges Creeks Property Line	Note: See Figure 4-00 for supplemental legend	Page 02 of 28	0 25 50 100 Ft Sources: City of Arcata GIS - 1 ft resolution aerials, Streets, Parks, Landmarks, City Boundary, Humboldt County GIS - Coastal Zone, HBNWR boundaries, and Aerial NAIP 2009 1 meter resolution. Cartography GLD Date: 3/2/2011 Project # 01051-09-004	Figure 4-02 Existing Wetlands/Habitats Project: City of Arcata Rail-with-Trail Connectivity Project  WINZLER & KELLY 633 3RD ST EUREKA, CA 95521 P: 707-443-8326 F: 707-444-8330
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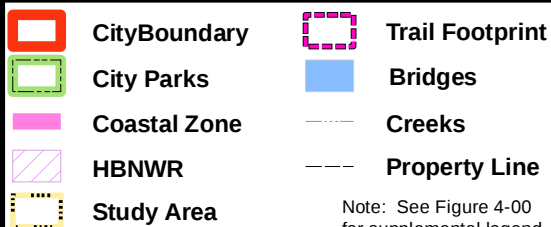






- City Boundary - City Parks - Coastal Zone - HBNWR - Study Area	- Trail Footprint - Bridges - Creeks - Property Line	Page 05 of 28	0 25 50 100 Ft Sources: City of Arcata GIS - 1 ft resolution aerials, Streets, Parks, Landmarks, City Boundary, Humboldt County GIS - Coastal Zone, HBNWR boundaries, and Aerial NAIP 2009 1 meter resolution. <table border="1"> <tr> <td>Cartography GLD</td> <td>Date: 3/2/2011</td> <td>Project # 01051-09-004</td> </tr> </table>	Cartography GLD	Date: 3/2/2011	Project # 01051-09-004	Figure 4-05 Existing Wetlands/Habitats Project: City of Arcata Rail-with-Trail Connectivity Project WINZLER & KELLY 633 3RD ST EUREKA, CA 95521 P: 707-443-8326 F: 707-444-8330
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Note: See Figure 4-00 for supplemental legend



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Sources: City of Arcata GIS - 1 ft resolution aerials, Streets, Parks, Landmarks, City Boundary, Humboldt County GIS - Coastal Zone, HBNWR boundaries, and Aerial NAIP 2009 1 meter resolution.



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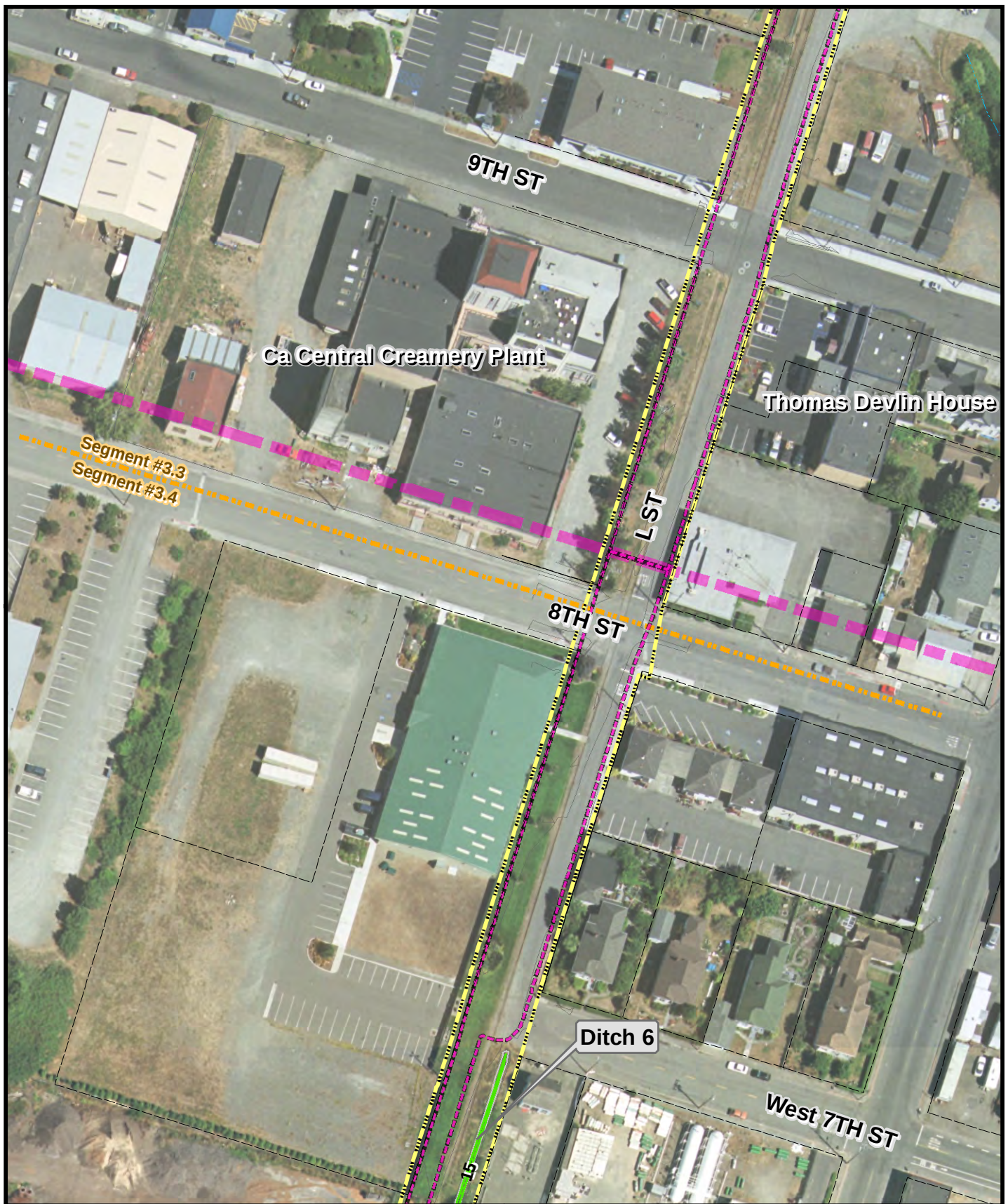
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Figure 4-07
Existing Wetlands/Habitats

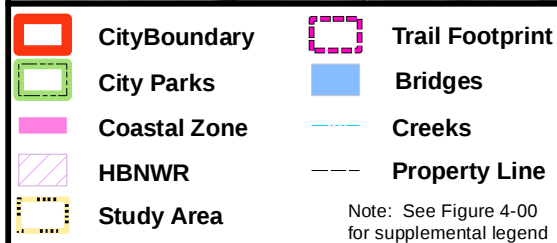
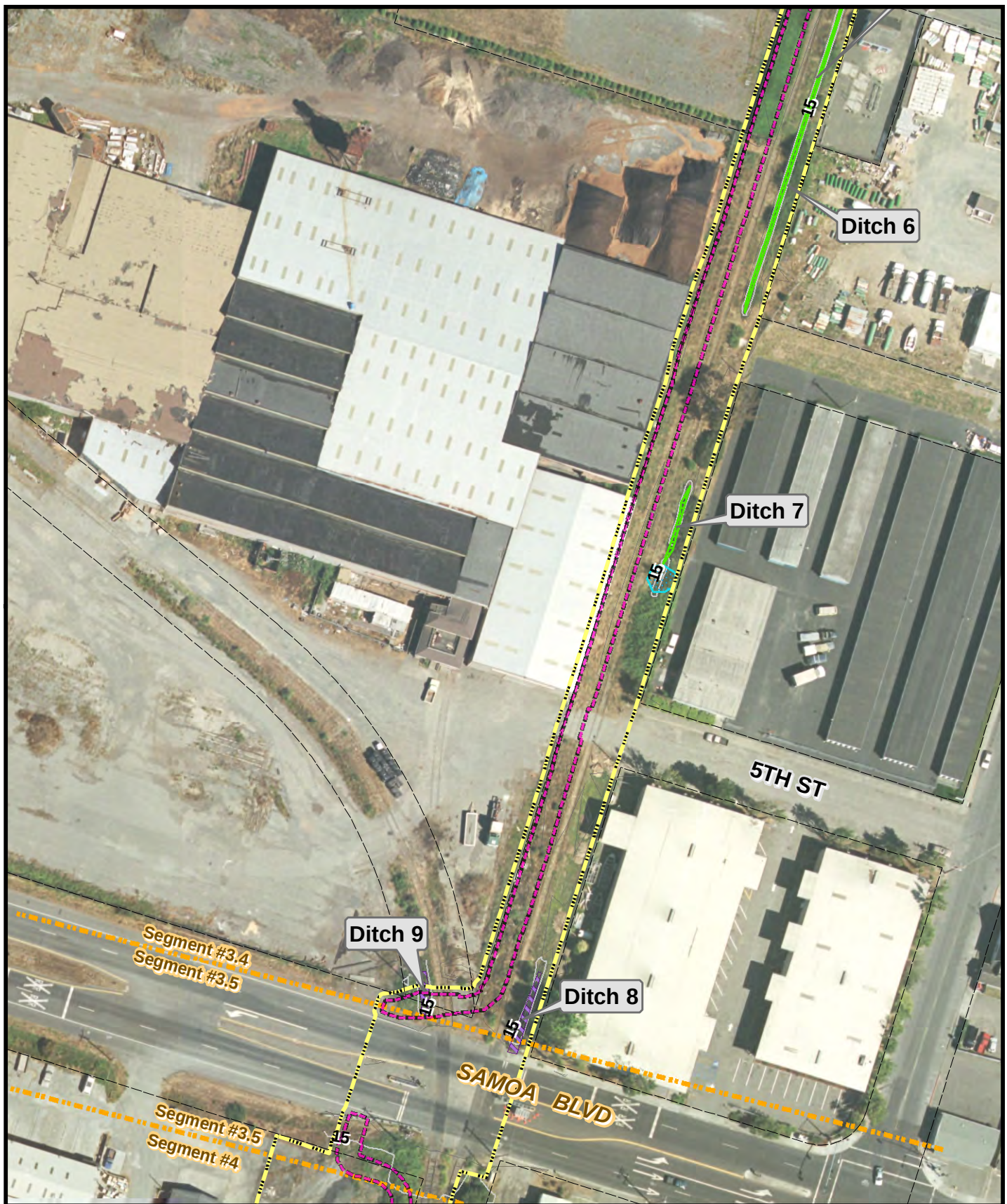
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0 25 50 100 Ft

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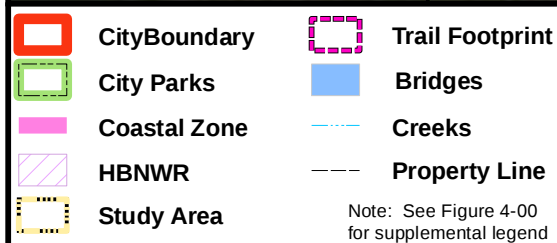
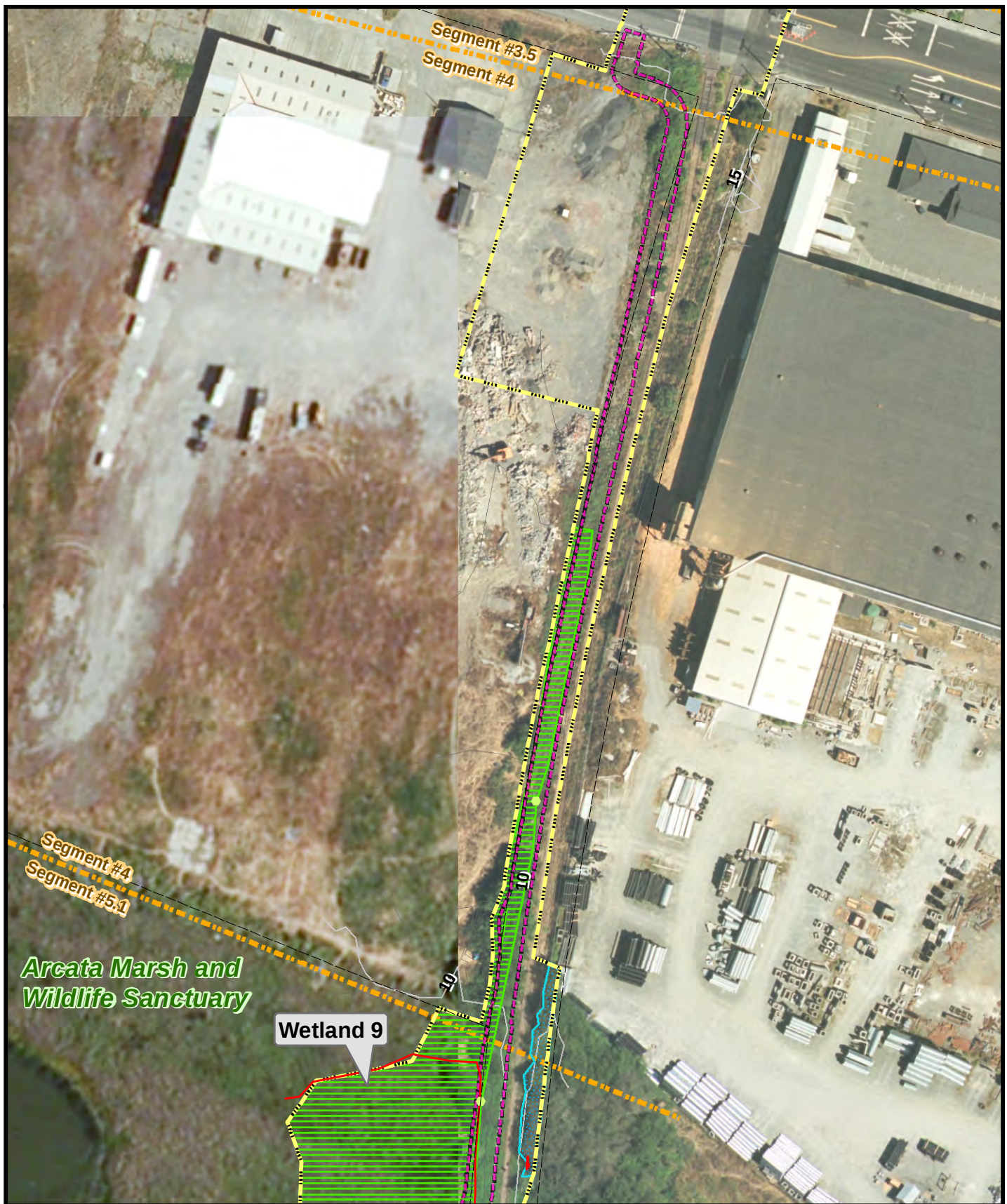
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Figure 4-09
Existing Wetlands/Habitats

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Sources: City of Arcata GIS - 1 ft resolution aerials, Streets, Parks, Landmarks, City Boundary, Humboldt County GIS - Coastal Zone, HBNWR boundaries, and Aerial NAIP 2009 1 meter resolution.



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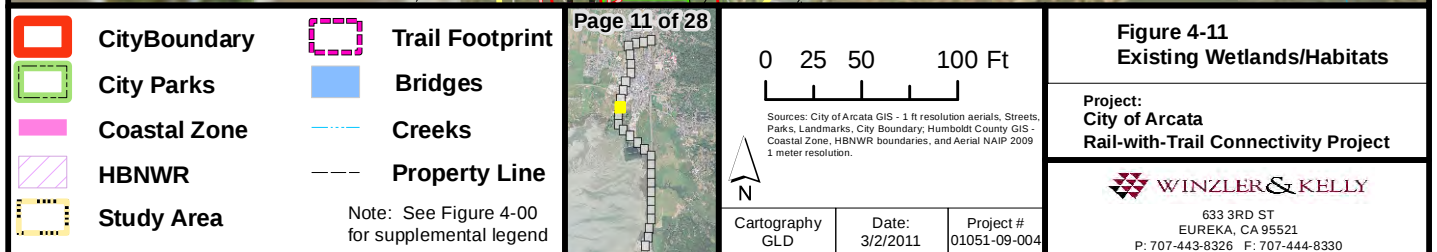
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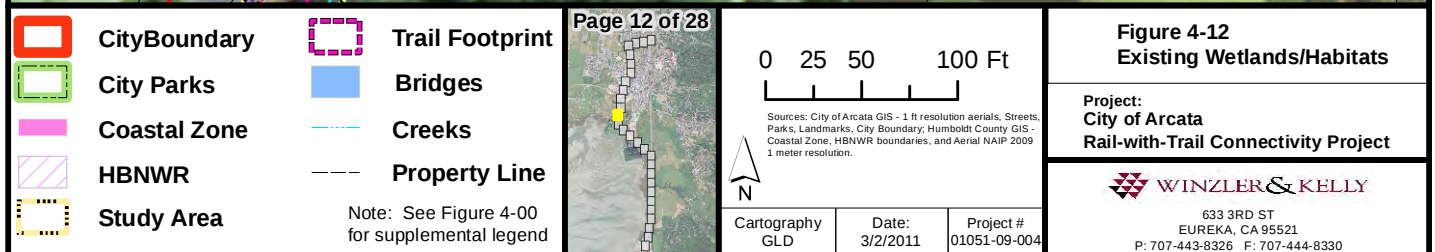
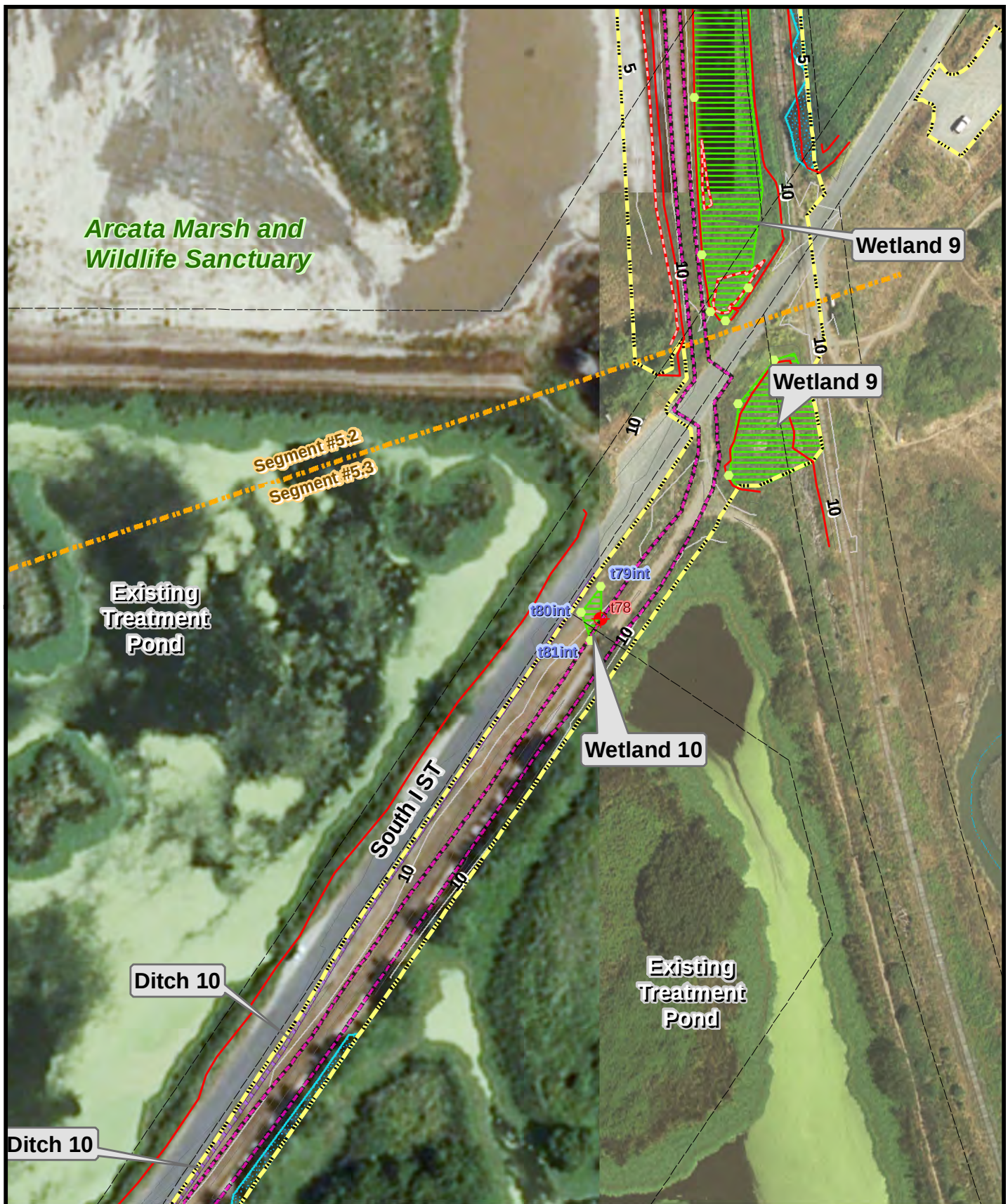
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Existing Wetlands/Habitats

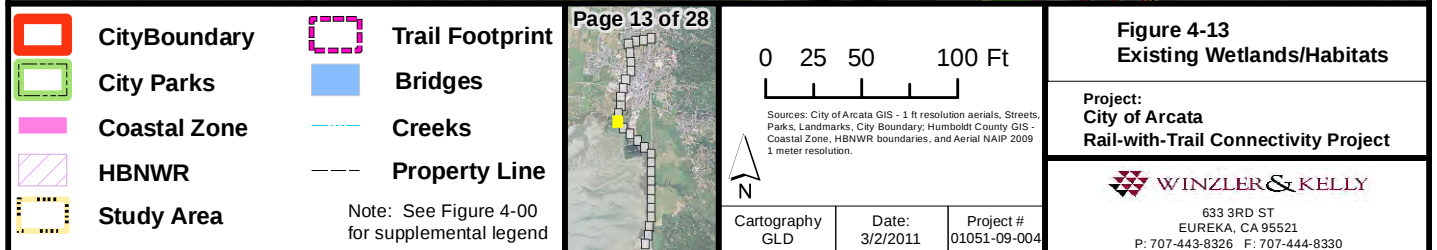
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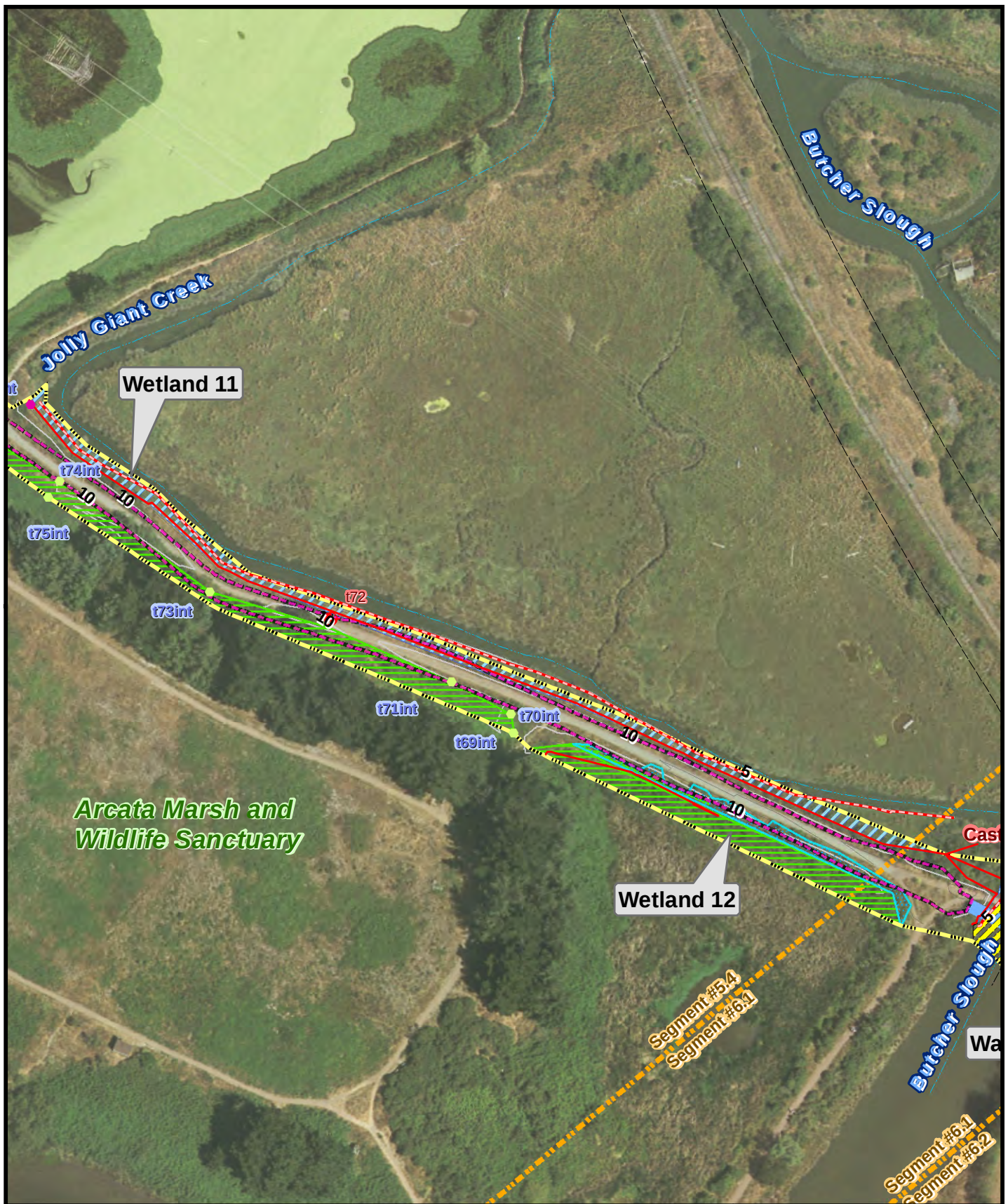
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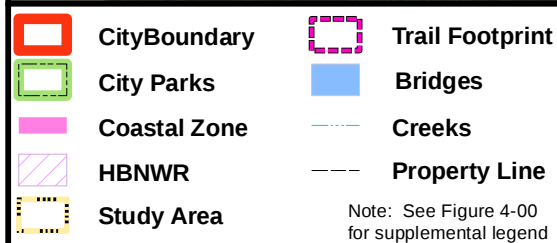








- City Boundary - City Parks - Coastal Zone - HBNWR - Study Area	- Trail Footprint - Bridges - Creeks - Property Line Note: See Figure 4-00 for supplemental legend	Page 14 of 28	0 25 50 100 Ft Sources: City of Arcata GIS - 1 ft resolution aerials, Streets, Parks, Landmarks, City Boundary, Humboldt County GIS - Coastal Zone, HBNWR boundaries, and Aerial NAIP 2009 1 meter resolution. <table border="1"> <tr> <td>Cartography GLD</td> <td>Date: 3/2/2011</td> <td>Project # 01051-09-004</td> </tr> </table>	Cartography GLD	Date: 3/2/2011	Project # 01051-09-004	Figure 4-14 Existing Wetlands/Habitats Project: City of Arcata Rail-with-Trail Connectivity Project WINZLER & KELLY 633 3RD ST EUREKA, CA 95521 P: 707-443-8326 F: 707-444-8330
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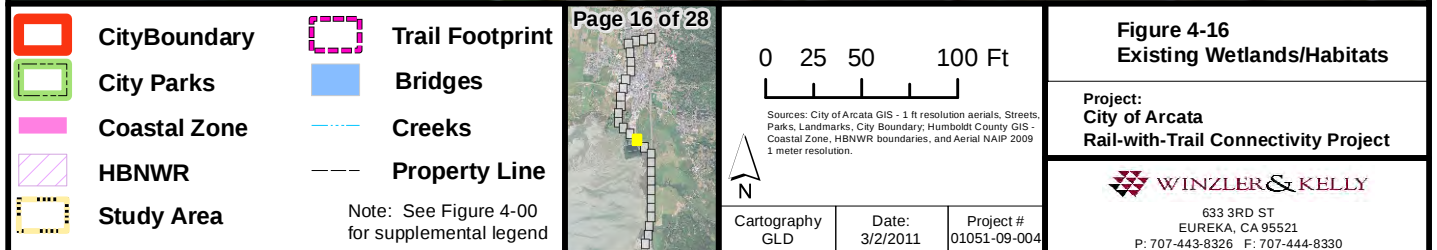
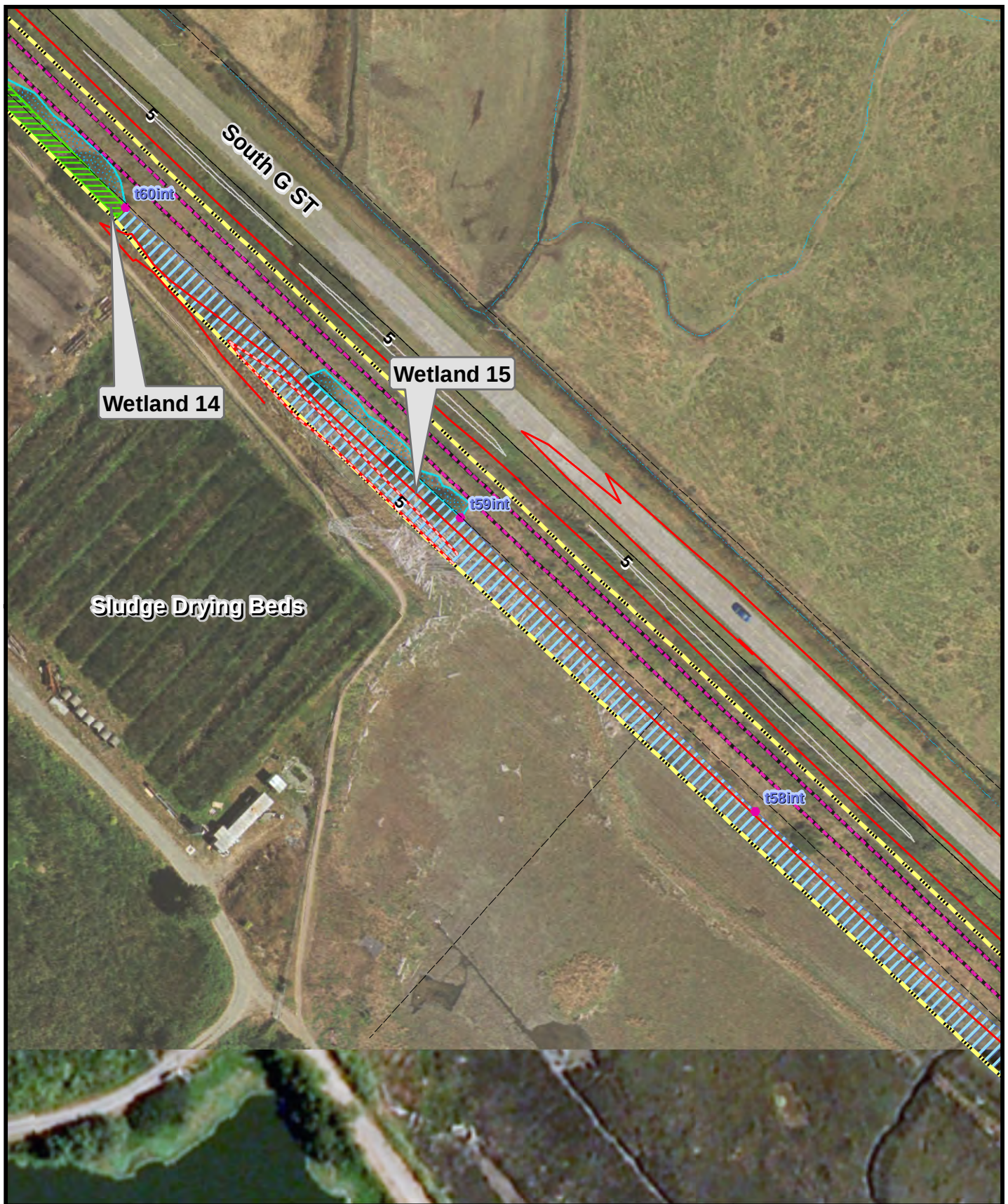
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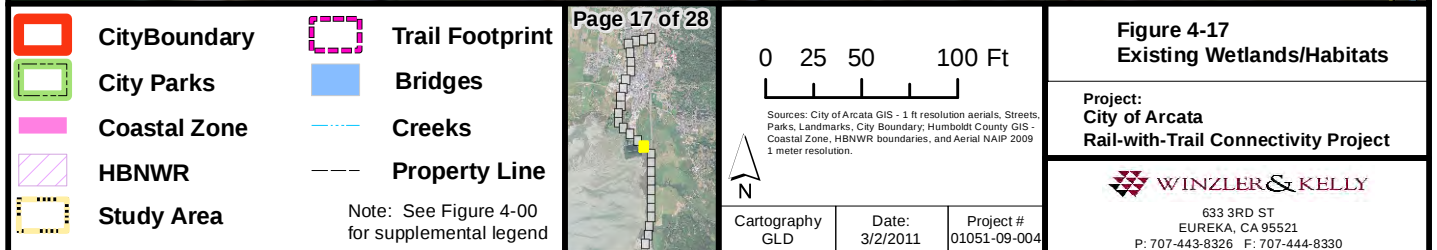
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Existing Wetlands/Habitats

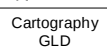
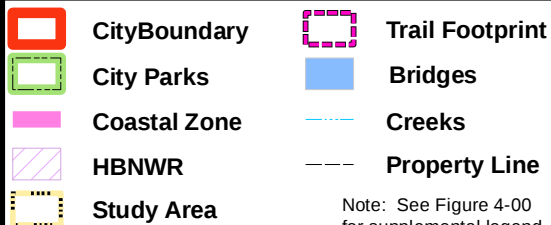
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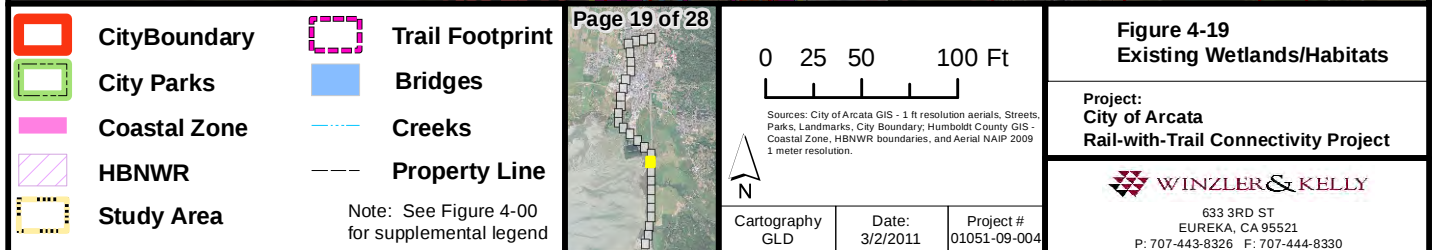
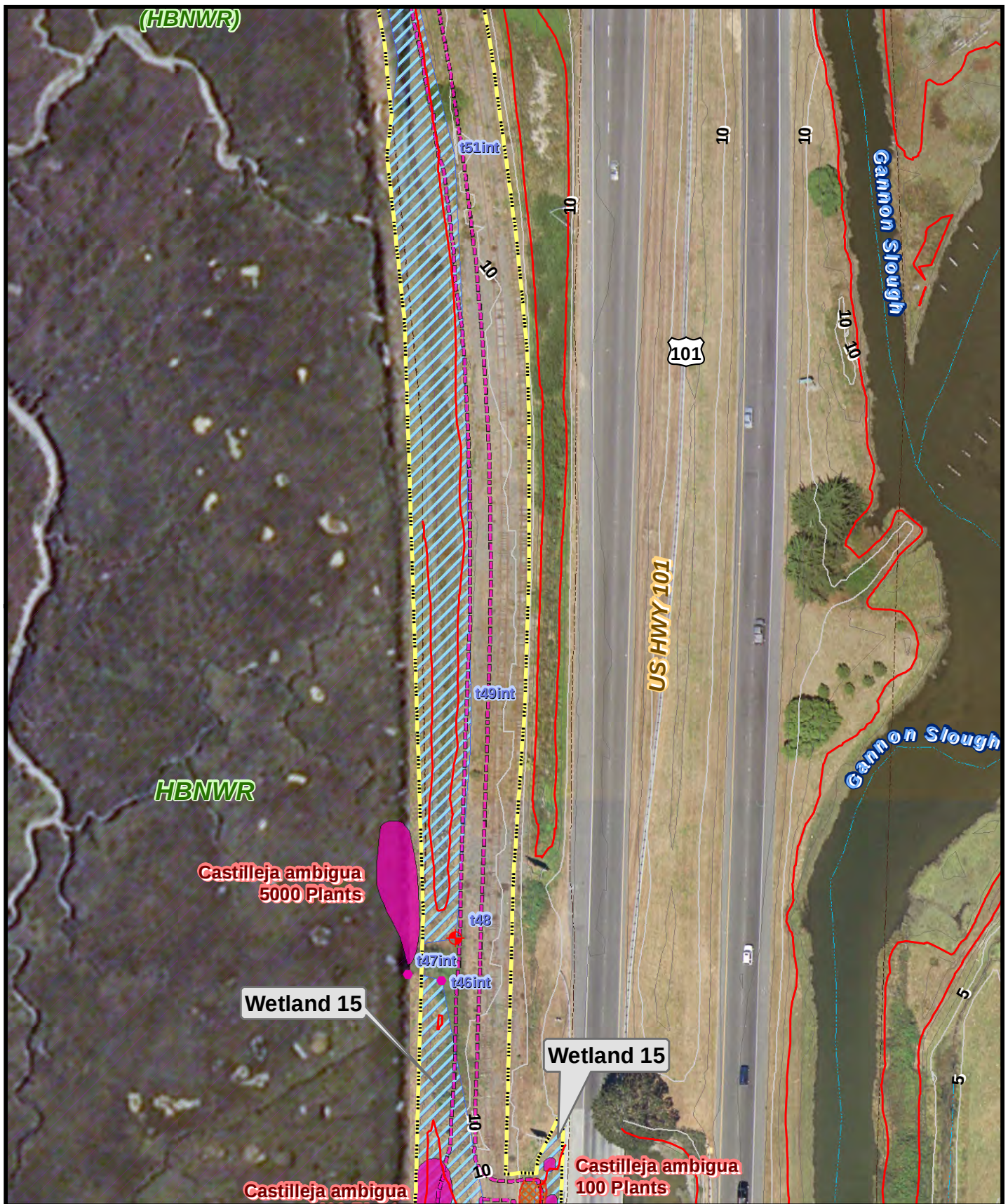


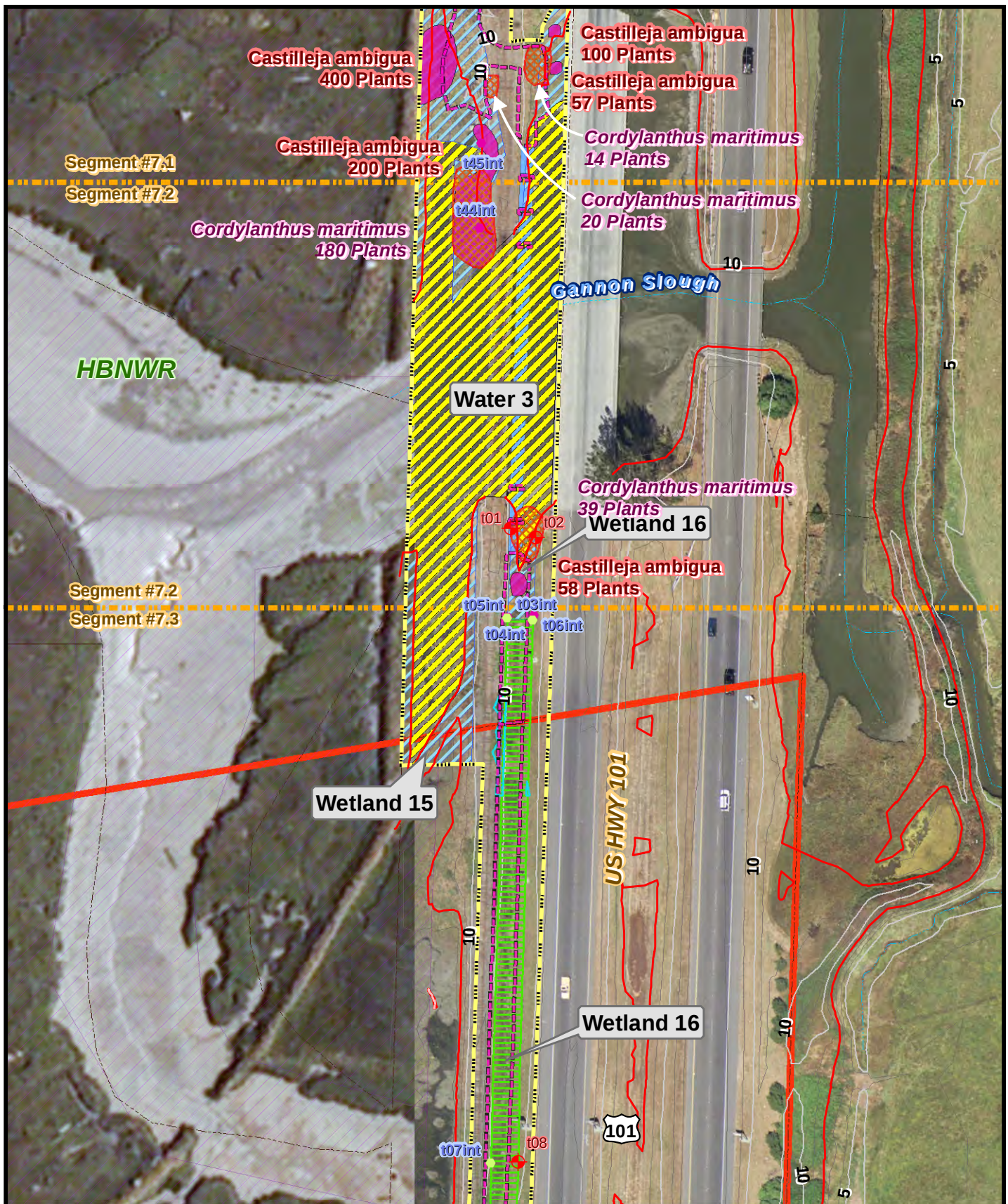


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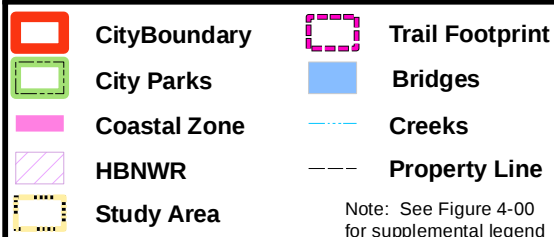
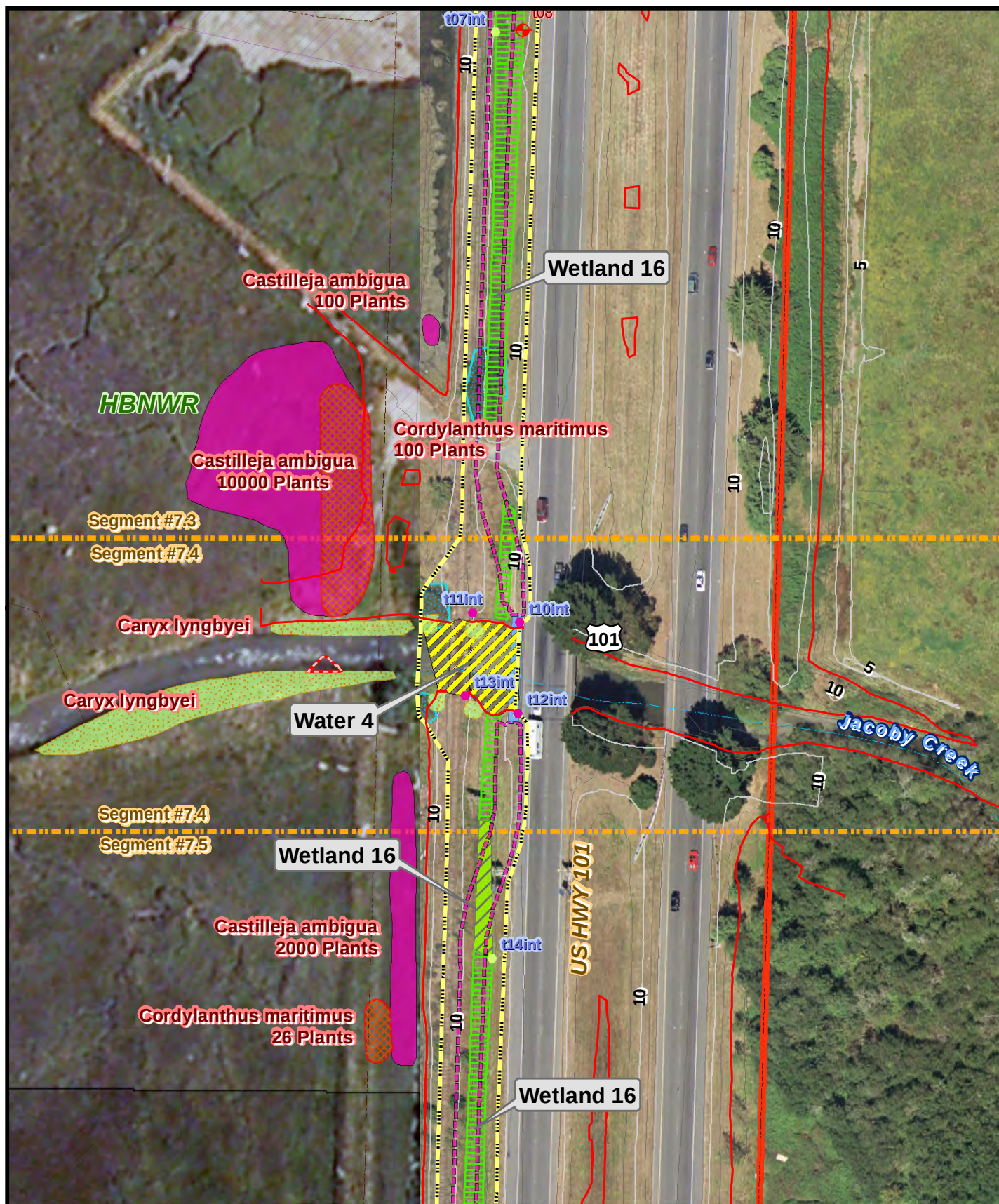
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City Boundary	Trail Footprint	Page 20 of 28	Sources: City of Arcata GIS - 1 ft resolution aerials, Streets, Parks, Landmarks, City Boundary, Humboldt County GIS - Coastal Zone, HBNWR boundaries, and Aerial NAIP 2009 1 meter resolution.	Figure 4-20 Existing Wetlands/Habitats			
City Parks	Bridges			Coastal Zone	Creeks	HBNWR	Property Line
Study Area			Cartography GLD	Date: 3/2/2011	Project # 01051-09-004	633 3RD ST EUREKA, CA 95521 P: 707-443-8326 F: 707-444-8330	



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Figure 4-21
Existing Wetlands/Habitats

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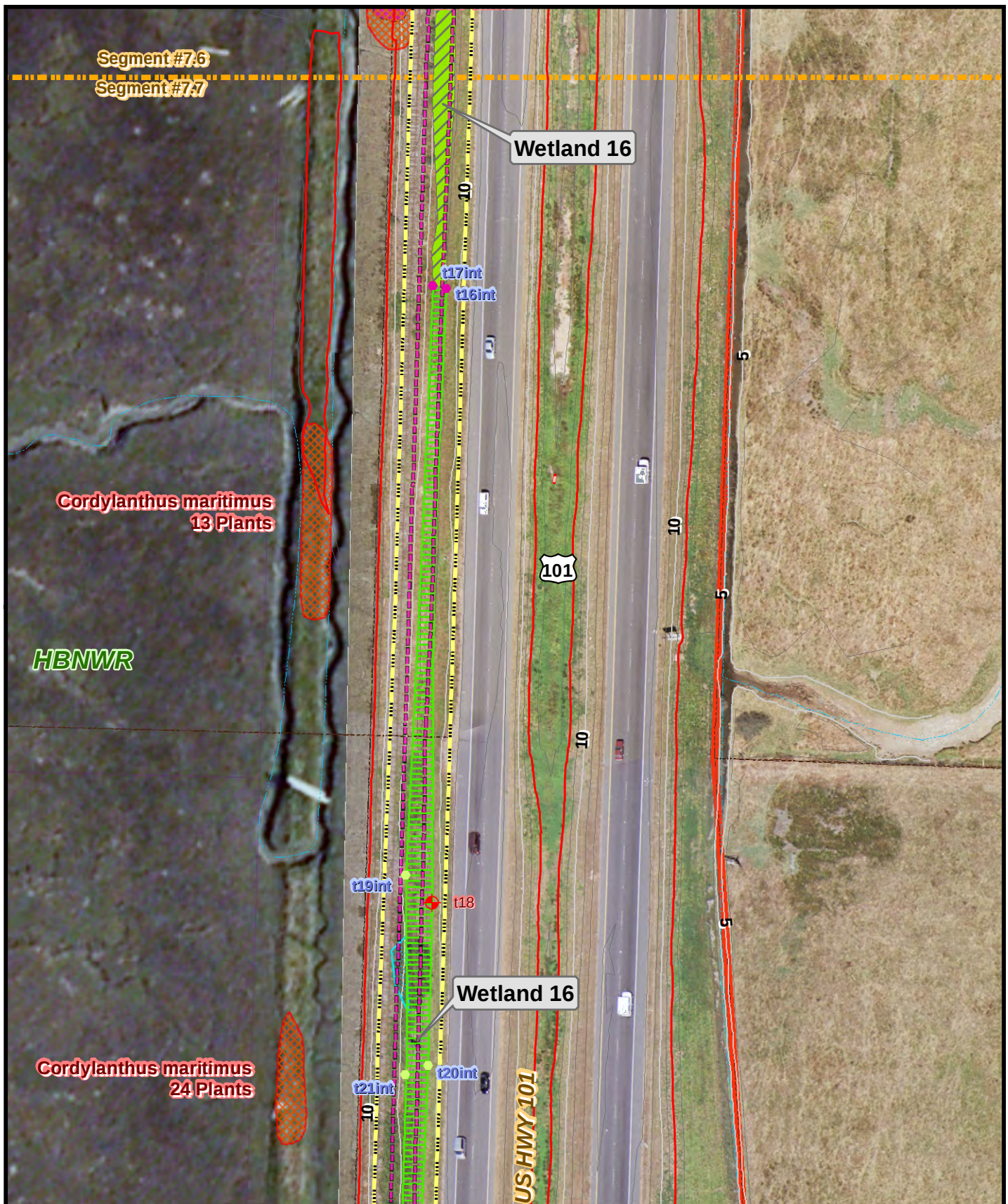
Figure 4-22
Existing Wetlands/Habitats

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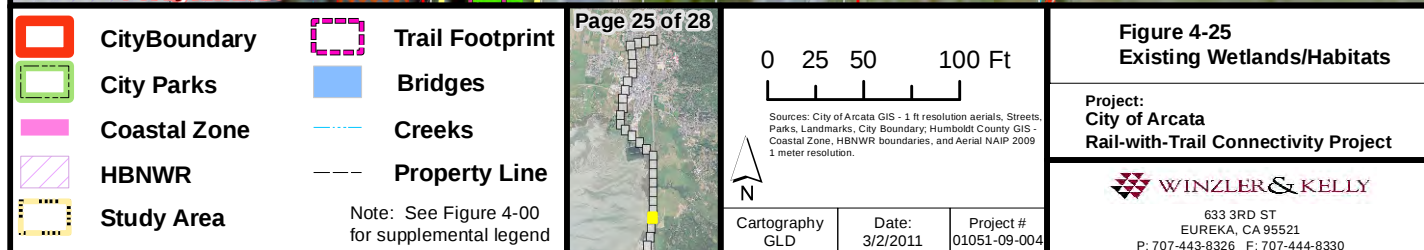
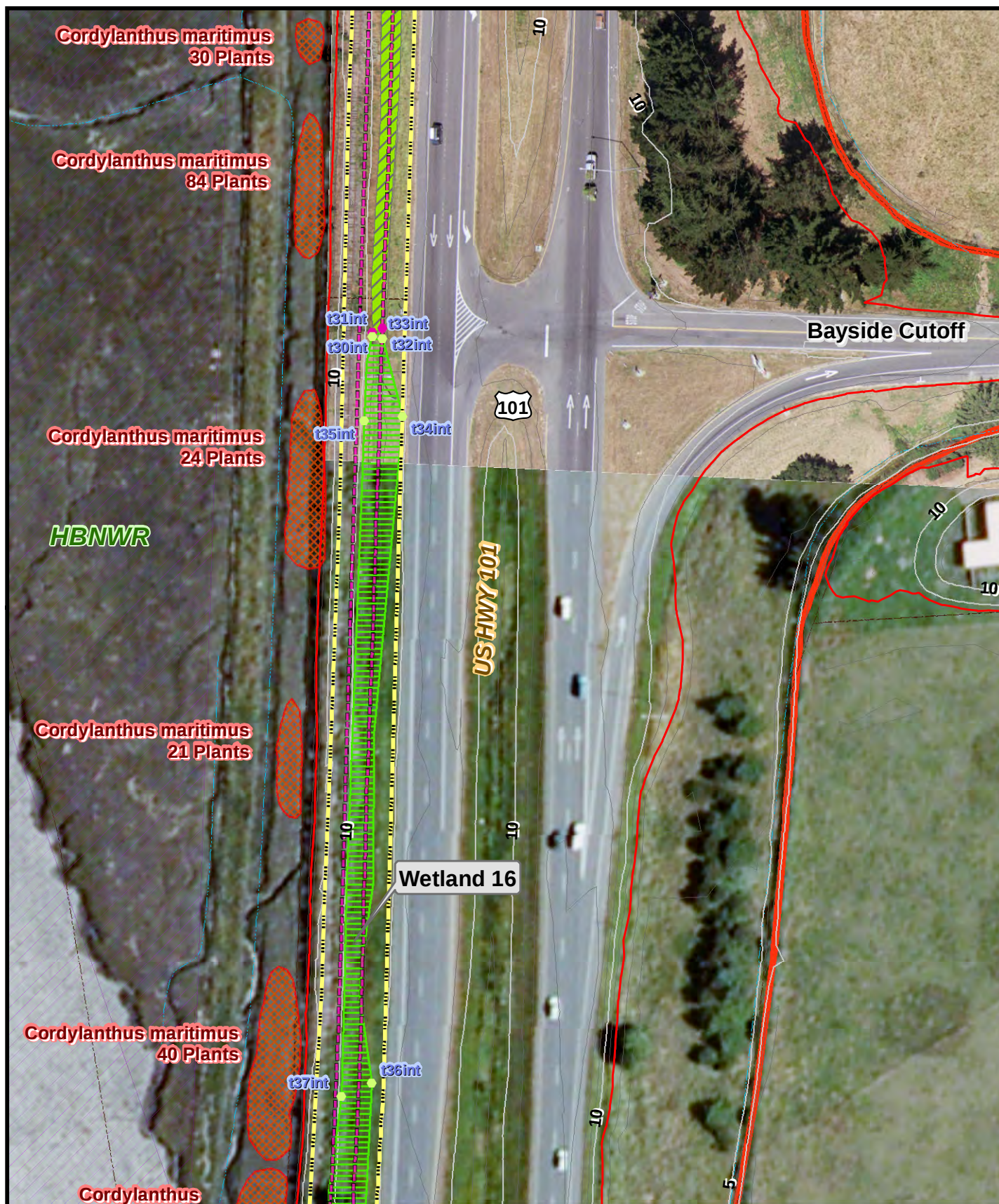
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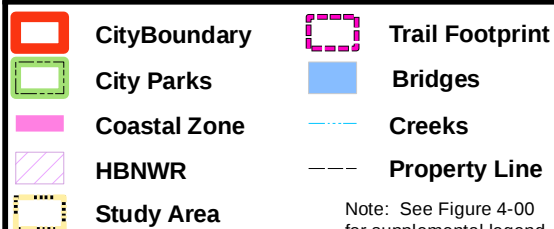
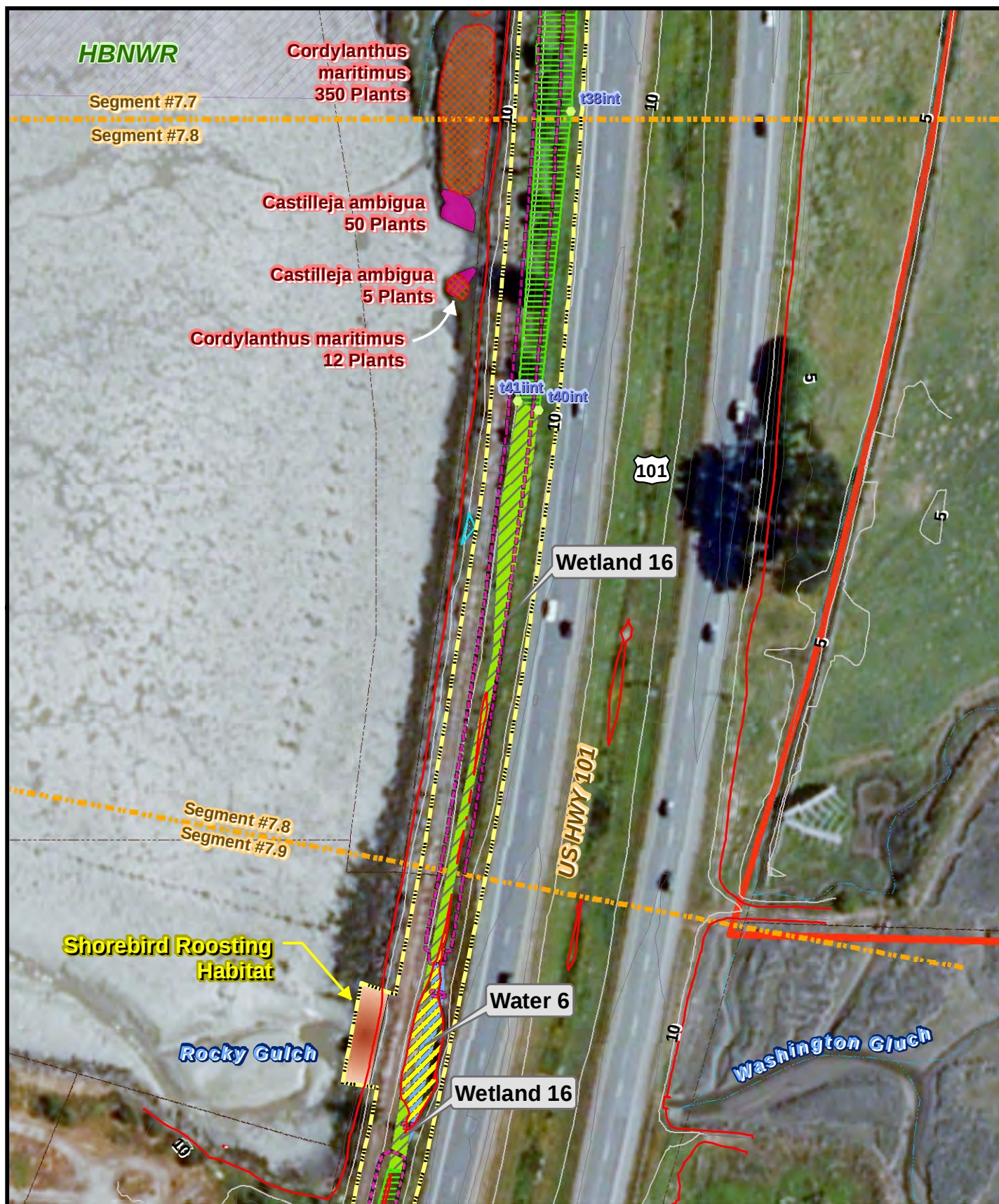


City Boundary City Parks Coastal Zone HBNWR Study Area	Trail Footprint Bridges Creeks Property Line	Page 23 of 28	0 25 50 100 Ft Sources: City of Arcata GIS - 1 ft resolution aerials, Streets, Parks, Landmarks, City Boundary, Humboldt County GIS - Coastal Zone, HBNWR boundaries, and Aerial NAIP 2009 1 meter resolution. Cartography GLD Date: 3/2/2011 Project # 01051-09-004	Figure 4-23 Existing Wetlands/Habitats Project: City of Arcata Rail-with-Trail Connectivity Project  WINZLER & KELLY 633 3RD ST EUREKA, CA 95521 P: 707-443-8326 F: 707-444-8330
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City Boundary	Trail Footprint	Page 24 of 28	0 25 50 100 Ft Sources: City of Arcata GIS - 1 ft resolution aerials, Streets, Parks, Landmarks, City Boundary, Humboldt County GIS - Coastal Zone, HBNWR boundaries, and Aerial NAIP 2009 1 meter resolution.	Figure 4-24 Existing Wetlands/Habitats				
City Parks	Bridges			Coastal Zone	Creeks	HBNWR	Property Line	Study Area
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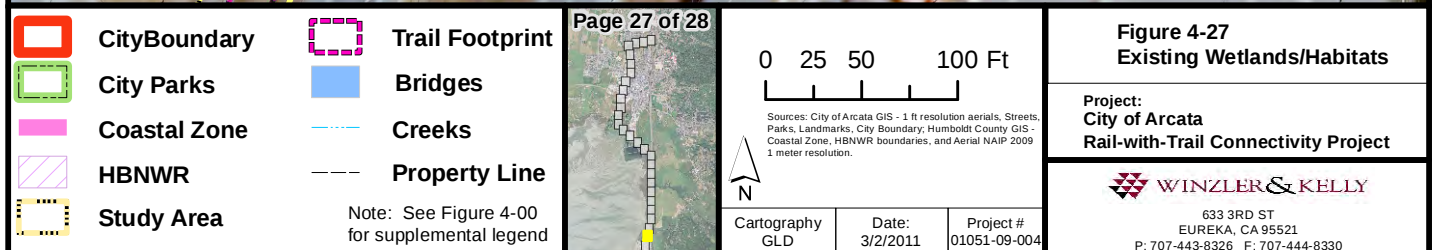
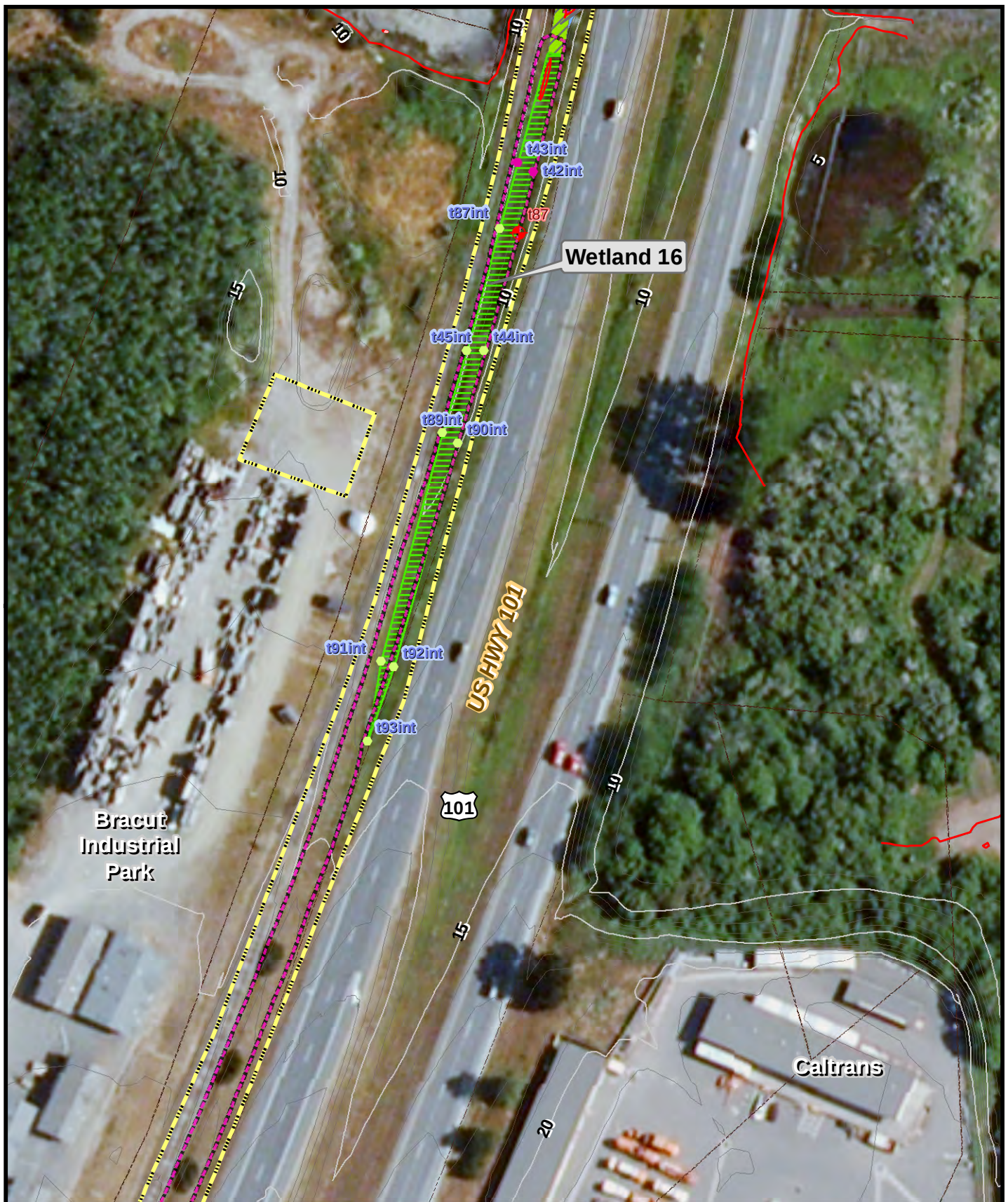
Figure 4-26
Existing Wetlands/Habitats

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- City Boundary - City Parks - Coastal Zone - HBNWR - Study Area	- Trail Footprint - Bridges - Creeks - Property Line Note: See Figure 4-00 for supplemental legend	Page 28 of 28	0 25 50 100 Ft Sources: City of Arcata GIS - 1 ft resolution aerials, Streets, Parks, Landmarks, City Boundary, Humboldt County GIS - Coastal Zone, HBNWR boundaries, and Aerial NAIP 2009 1 meter resolution. N <table border="1"> <tr> <td>Cartography GLD</td> <td>Date: 3/2/2011</td> <td>Project # 01051-09-004</td> </tr> </table>	Cartography GLD	Date: 3/2/2011	Project # 01051-09-004	Figure 4-28 Existing Wetlands/Habitats Project: City of Arcata Rail-with-Trail Connectivity Project WINZLER & KELLY 633 3RD ST EUREKA, CA 95521 P: 707-443-8326 F: 707-444-8330
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