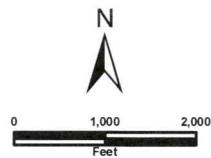
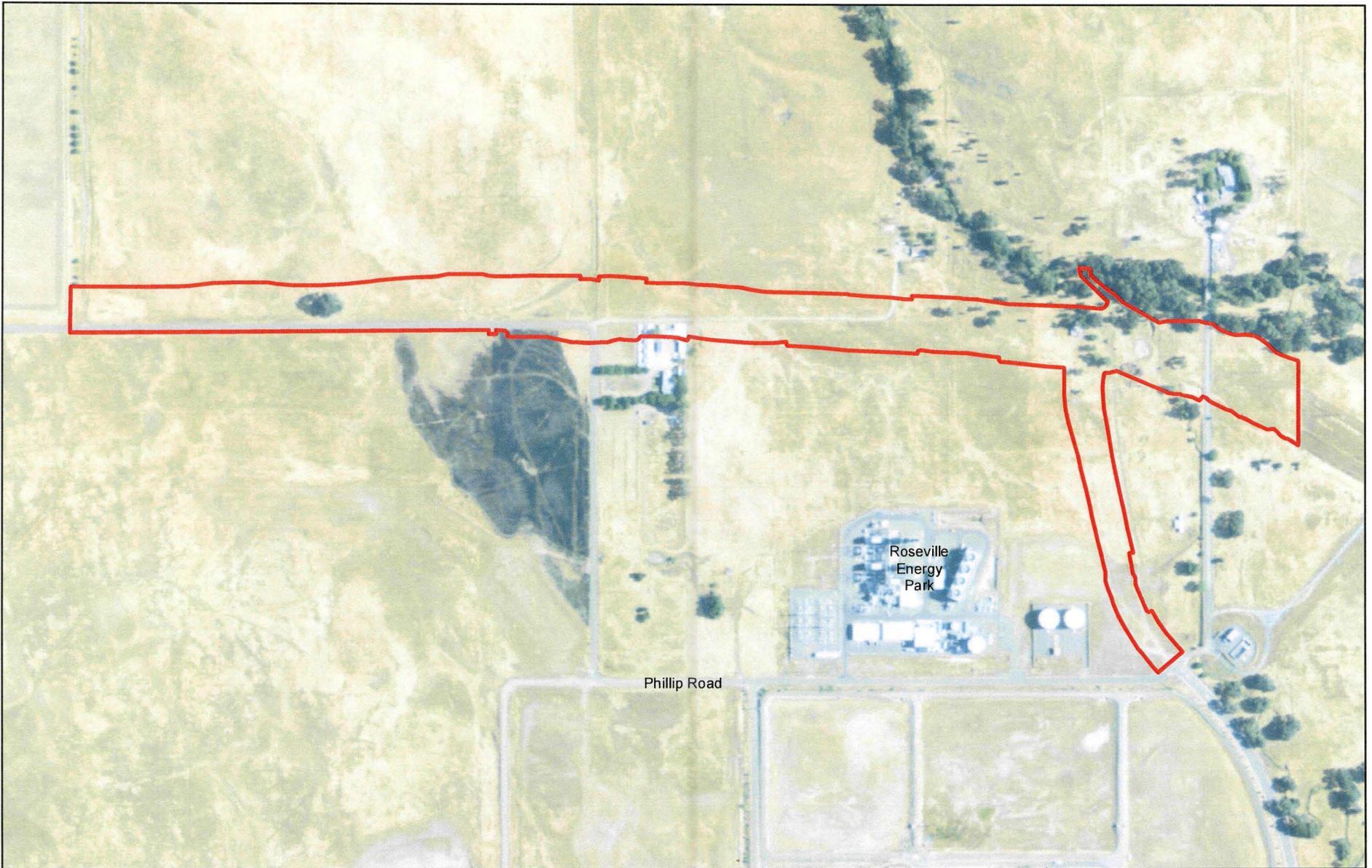


Source Map: USGS Topographic Map, Pleasant Grove (1992), CA Quadrangle, 1:24,000

**Figure 1**

**VICINITY MAP**  
 Blue Oaks Blvd. and  
 West Park Drive  
 Improvement Project  
 City of Roseville, CA





 Study Area



NAIP 2009 Aerial Photo

**Figure 2**

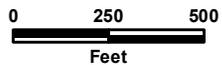
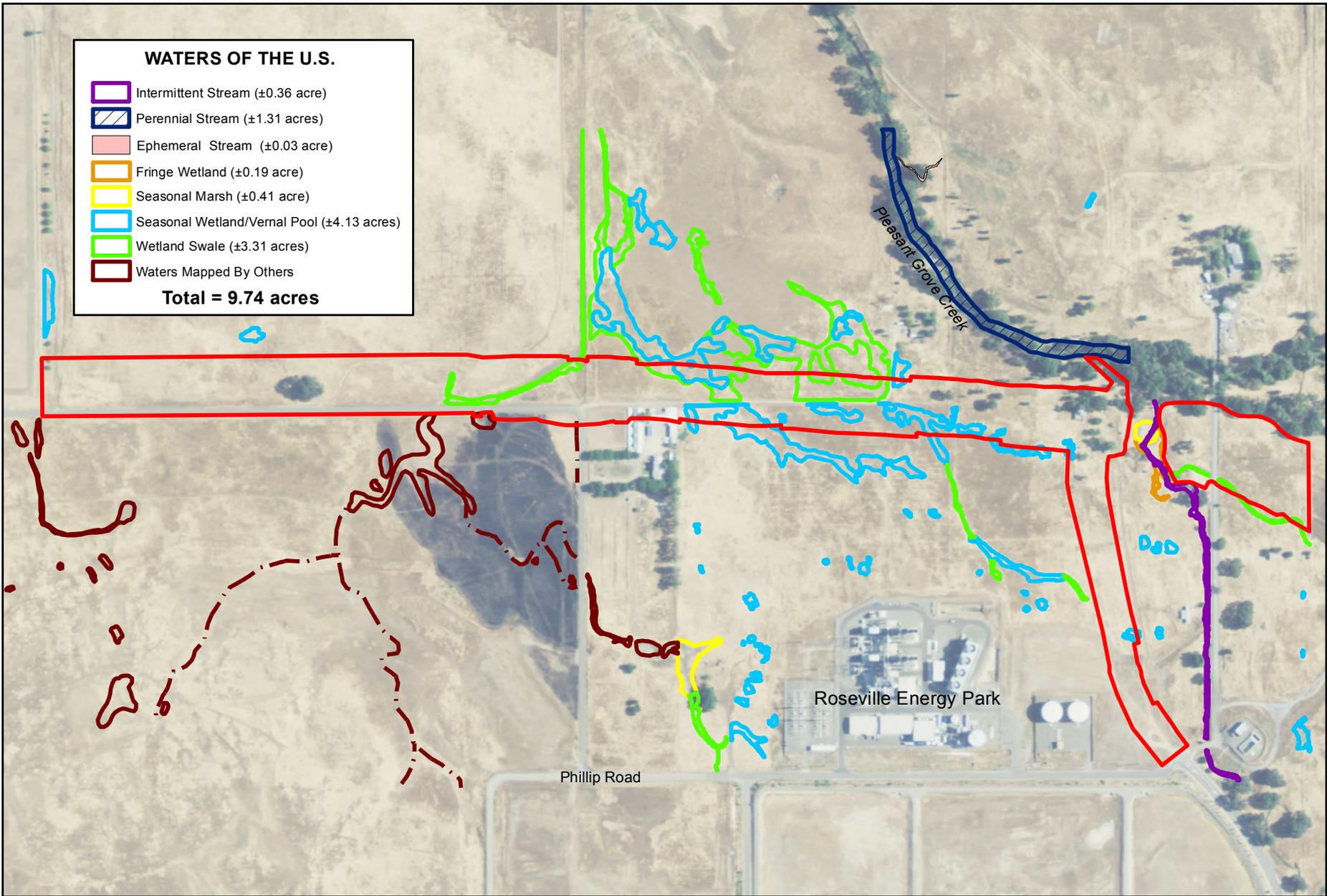
**AERIAL PHOTO**

*Blue Oaks Blvd. and  
West Park Drive  
Improvement Project  
City of Roseville, CA*

**WATERS OF THE U.S.**

-  Intermittent Stream (±0.36 acre)
-  Perennial Stream (±1.31 acres)
-  Ephemeral Stream (±0.03 acre)
-  Fringe Wetland (±0.19 acre)
-  Seasonal Marsh (±0.41 acre)
-  Seasonal Wetland/Vernal Pool (±4.13 acres)
-  Wetland Swale (±3.31 acres)
-  Waters Mapped By Others

**Total = 9.74 acres**

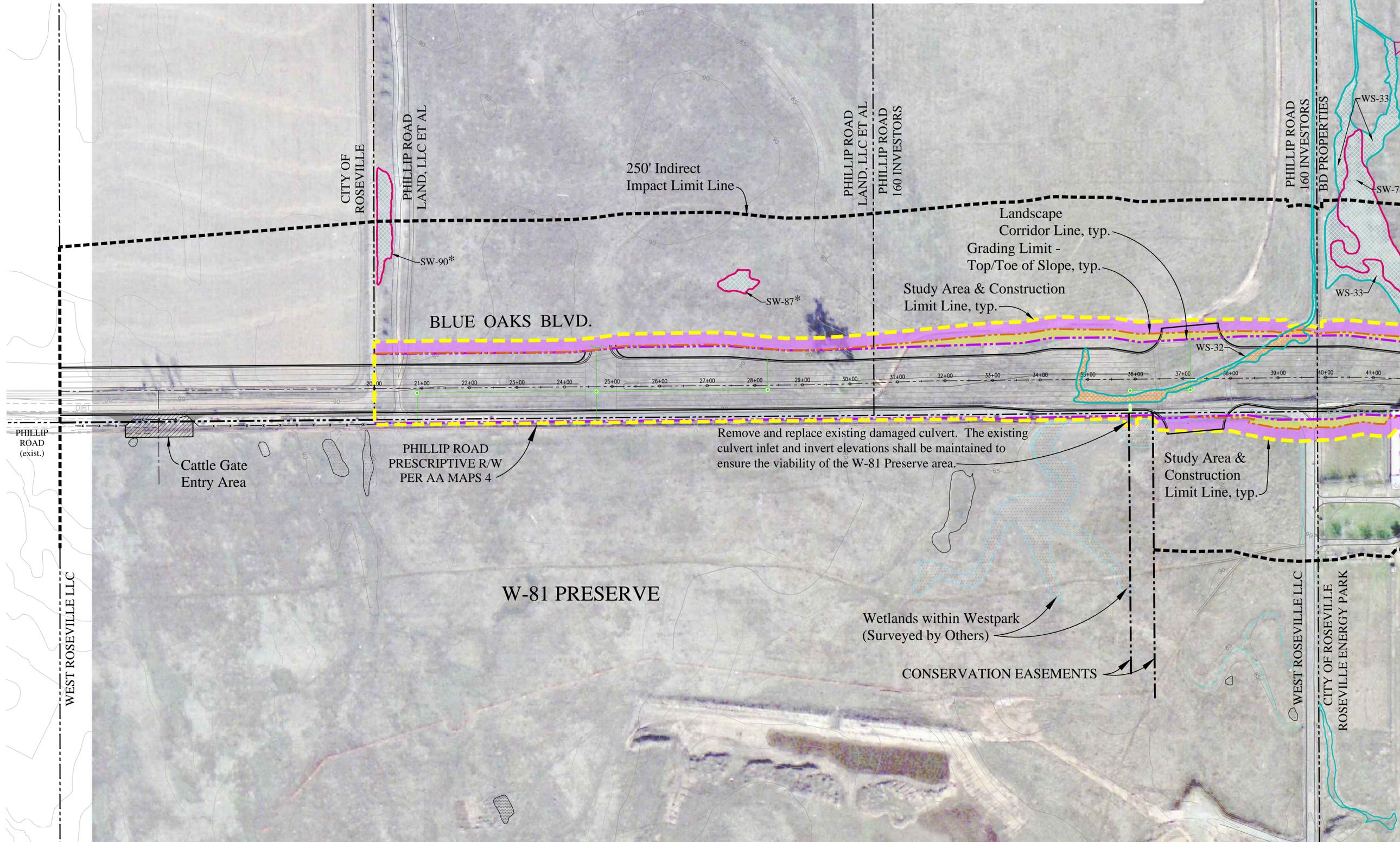


NAIP 2009 Aerial Photo

 Construction Limit

**WETLAND  
DELINEATION MAP**  
Blue Oaks Blvd. and West Park Dr.  
Improvement Project  
City of Roseville, CA

Figure 4A - Proposed Project - West Section

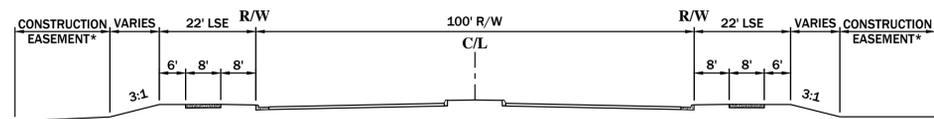


Impacts to Waters of the U.S.					
Type	Existing Water of the U. S.	Section 404		Section 7 *	
		Direct Impacts	Indirect Impacts	Direct Impacts	Indirect Impacts
Wetlands	Surface Area (AC)	Surface Area (AC)	Surface Area (AC)	Surface Area (AC)	Surface Area (AC)
Seasonal Wetlands	1.66	0.21	1.26	0.21	1.46
Seasonal Wetland/Vernal Pool	1.88	0.74	0.86	0.74	1.14
Wetland Swale	2.97	1.10	1.87		
Seasonal Marsh	0.10				
Fringe Wetland	0.15				
<b>Total Wetlands</b>	<b>6.76</b>	<b>2.04</b>	<b>3.99</b>	<b>0.95 ± AC</b>	<b>2.60 ± AC</b>
Other Waters					
Perennial Stream	0.04	0.04			
Intermittent Stream	0.05				
<b>Total Waters</b>	<b>0.09</b>	<b>0.04</b>			
<b>Total Impacts</b>	<b>6.85 ± AC</b>	<b>2.09 ± AC</b>	<b>3.99 ± AC</b>	<b>0.95 ± AC</b>	<b>2.60 ± AC</b>

\*Wetlands not included in Section 404 Indirect Impact Calculations. (SW/VP-3, SW/VP-7, SW/VP-8, SW/VP-9, SW-87 & SW-90)

**Legend**

- Study Area & Construction Limit Line
- Grading Limit Line (Top/Toe Slope)
- Landscape Corridor Limit Line
- 250ft Indirect Impact Line
- Existing Lot Lines
- Wetlands (Surveyed by Others)
- Proposed Storm Drain Pipe & Manhole
- Proposed Outfall
- Project Area Summary: Area within Construction Limit Line: 26.40±ac

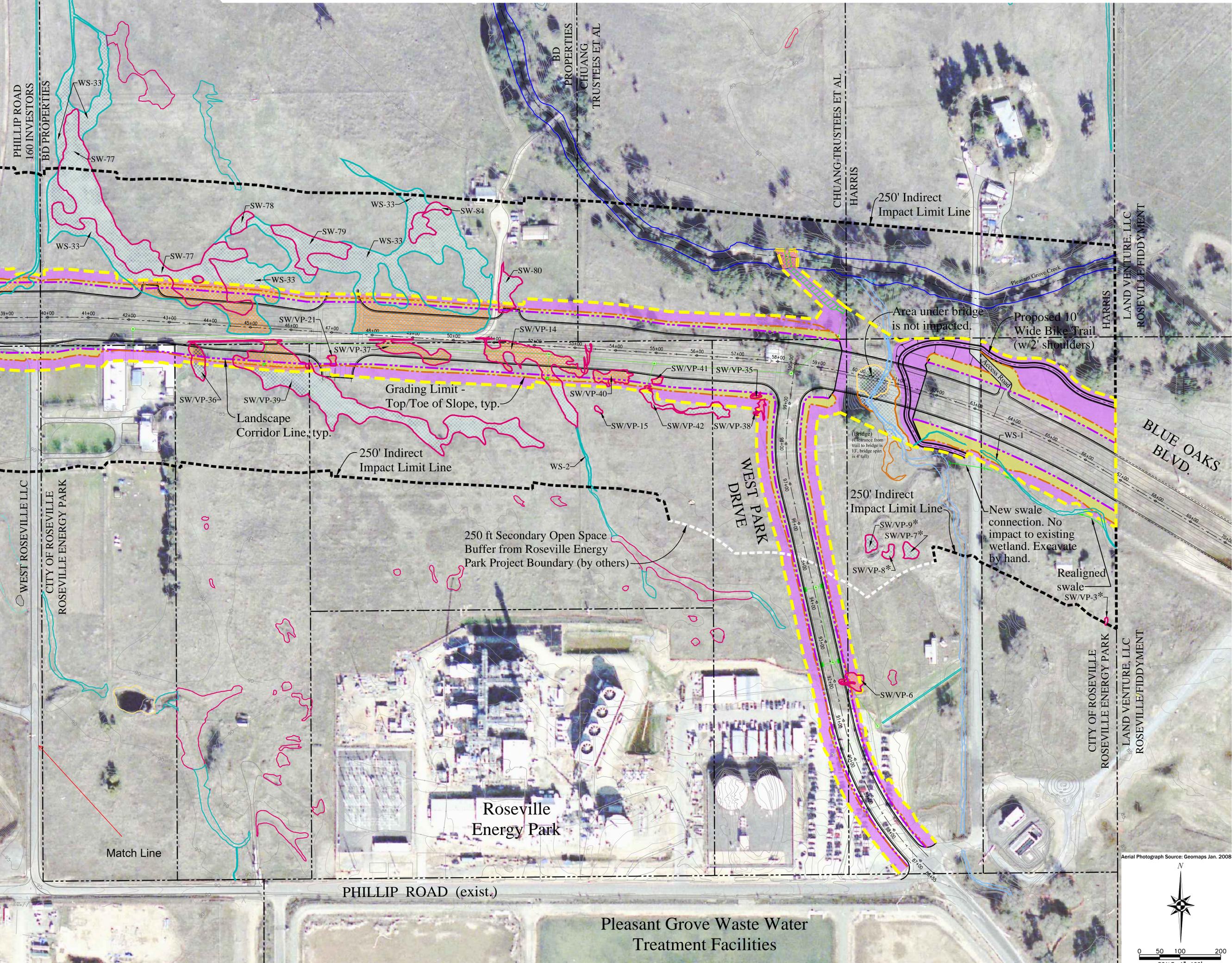


**Blue Oaks Boulevard Typical Section**

Not to Scale  
\*25 feet, or 10 feet in Proximity to Wetland Features



Figure 4B - Proposed Project East Section



Aerial Photograph Source: Geomaps Jan. 2008

