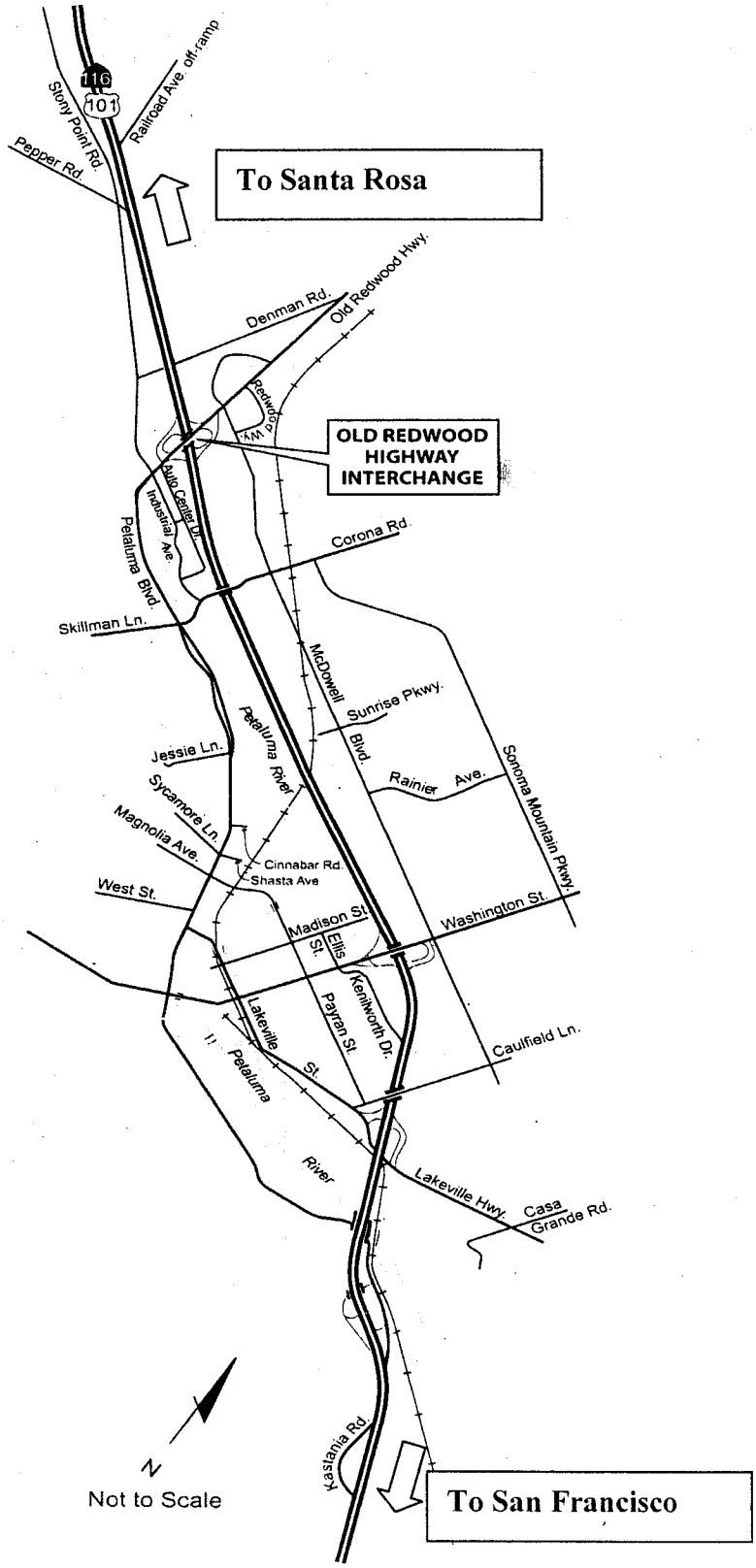
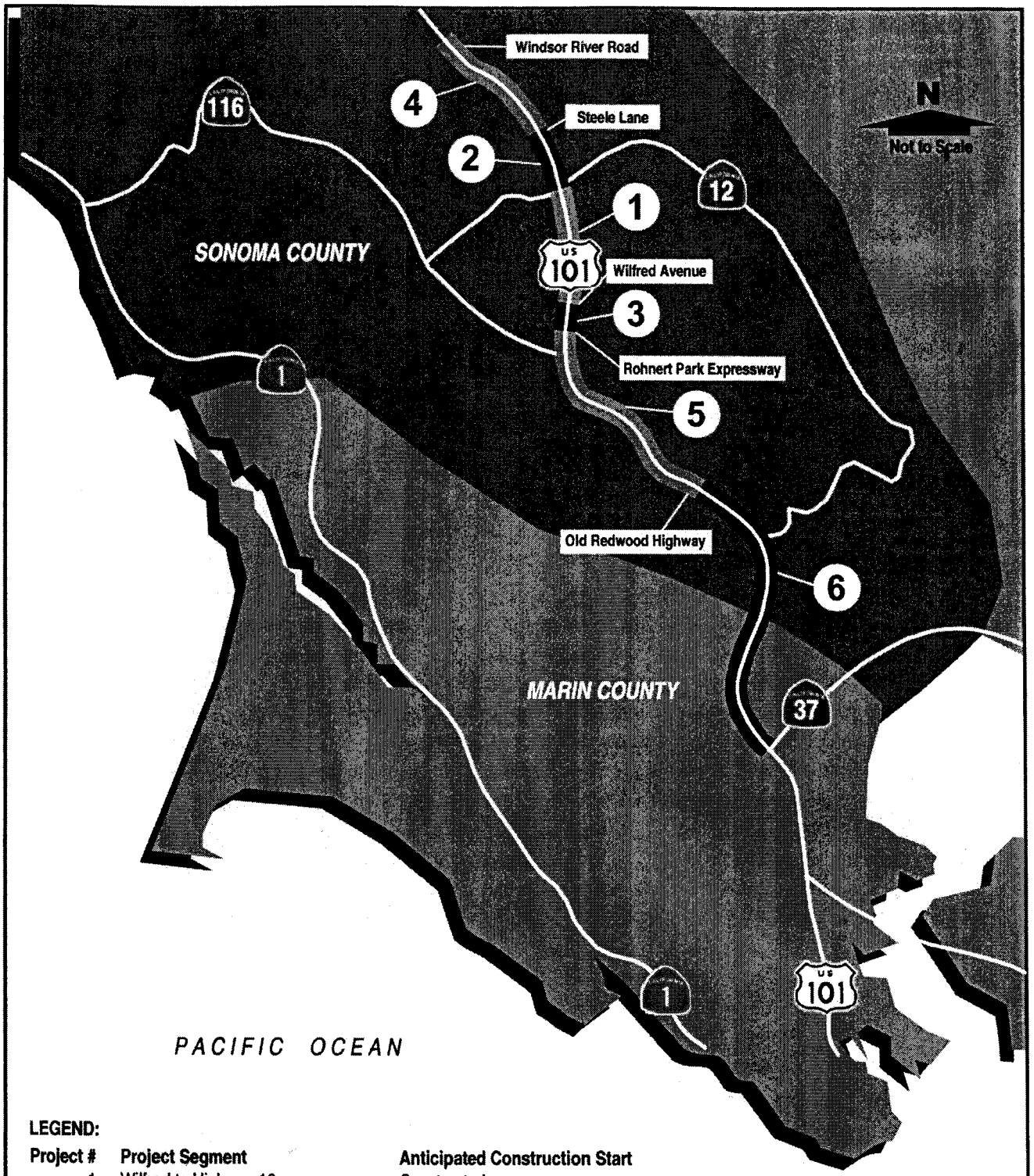


PROJECT VICINITY MAP

Figure 1



LEGEND:

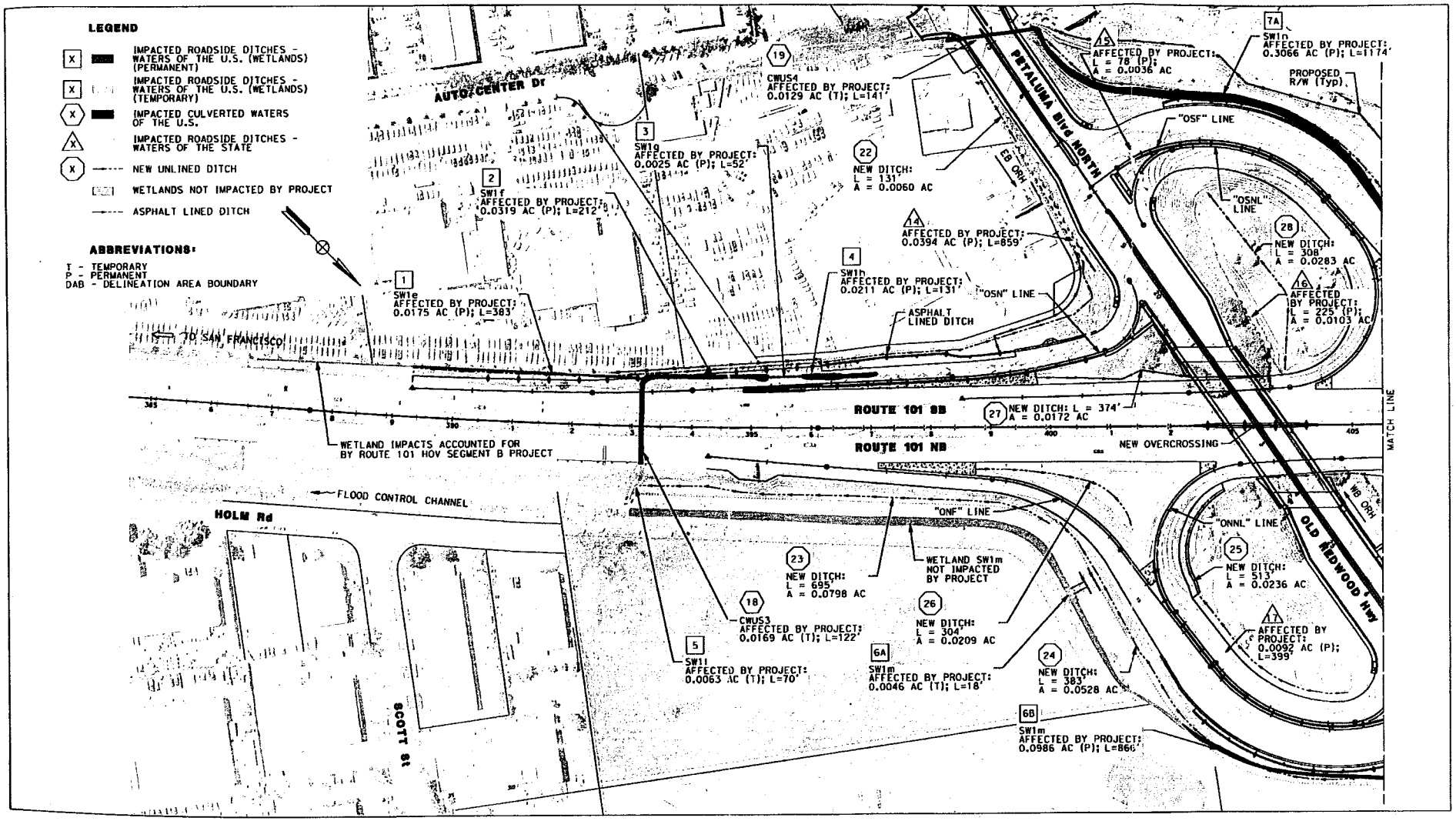
Project #	Project Segment	Anticipated Construction Start
1	Wilfred to Highway 12	Constructed
2	Highway 12 to Steele Lane	Currently Under Construction
3	RP Expressway To Wilfred Avenue	2008
4	Steele Lane to Windsor River Road	2009
5	Old Redwood to RP Expressway	2009
6	Marin-Sonoma Narrows	2011

SCTA

Highway 101 HOV Lane Widening Project: Old Redwood Highway, Petaluma to Rohnert Park Expressway, Rohnert Park

HIGHWAY 101 WIDENING AND IMPROVEMENTS PROJECTS

Figure 2

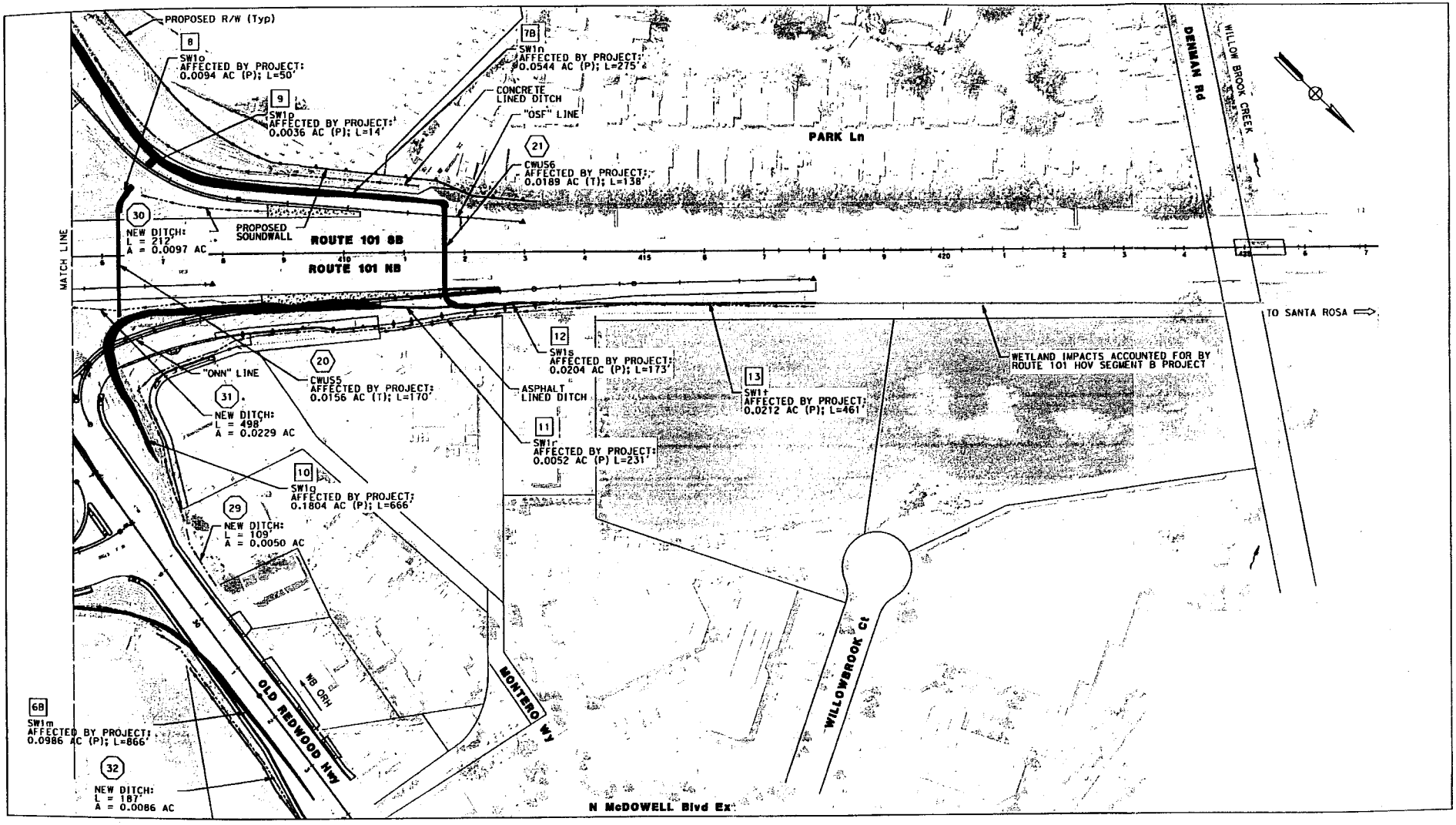


OLD REDWOOD HIGHWAY INTERCHANGE PROJECT
EA 04-0A1851 (12276K)
IMPACTED WATERS OF THE U.S./STATE

SHEET 1 OF 2

SEPTEMBER 2011

Figure 3



PETALUMA 1858

Caltrans

SCTA

URS

OLD REDWOOD HIGHWAY INTERCHANGE PROJECT
EA 04-0A1831 (12276K)
IMPACTED WATERS OF THE U.S./STATE

SHEET 2 OF 2

SEPTEMBER 2011

Figure 4

Central C - Old Redwood Highway Interchange Project
Summary of Impacts to Waters of the U.S./State

Feature Name	Attachment ID #	Reason for Action	Length (linear ft)	Acreage of Entire Feature	Permanent Impacts			Temporary Impacts		
					Area (ft^2)	Area (ac)	Length (linear ft)	Area (ft^2)	Area (ac)	Length (linear ft)
Waters of the U.S. (Wetlands)										
(SW1e)	1	Ramp Realignment and Widening	645	0.0295	764	0.0175	383	0	0.0000	0
(SW1f)	2	Ramp Realignment and Widening	212	0.0319	1389	0.0319	212	0	0.0000	0
(SW1g)	3	Ramp Realignment and Widening	52	0.0025	109	0.0025	52	0	0.0000	0
(SW1h)	4	Ramp Realignment and Widening	131	0.0211	919	0.0211	131	0	0.0000	0
(SW1l)	5	Outfall Reconstruction	70	0.0063	0	0.0000	0	275	0.0063	70
(SW1m)	6A	Outfall Reconstruction	1967	0.3719	0	0.0000	0	199	0.0046	18
(SW1m)	6B	Ramp Realignment and Widening			4294	0.0986	866	0	0.0000	0
(SW1n)	7A	Ramp Realignment and Widening	1449	0.3611	13356	0.3066	1174	0	0.0000	0
(SW1n)	7B	Ramp Realignment and Widening			2371	0.0544	275	0	0.0000	0
(SW1o)	8	Ramp Realignment and Widening	50	0.0094	409	0.0094	50	0	0.0000	0
(SW1p)	9	Ramp Realignment and Widening	14	0.0036	157	0.0036	14	0	0.0000	0
(SW1q)	10	Ramp Realignment and Widening	666	0.1804	7858	0.1804	666	0	0.0000	0
(SW1r)	11	Ramp Realignment and Widening	231	0.0052	227	0.0052	231	0	0.0000	0
(SW1s)	12	Ramp Realignment and Widening	173	0.0204	890	0.0204	173	0	0.0000	0
(SW1t)	13	Ramp Realignment and Widening	1205	0.0553	922	0.0212	461	0	0.0000	0
Total Waters of the U.S. (Wetlands)			**6865**	**1.0986**	**33664**	**0.7728**	**4688**	**474**	**0.0109**	**88**
Other Waters of the U.S.										
Total Other Waters of the U.S.			**0.0000**	**0.0000**	**0**	**0.0000**	**0**	**0**	**0.0000**	**0**
Waters of the State										
Roadside Ditch - 2ft ("ML" 397+12 Lt)	14	Ramp Realignment and Widening	859	0.0394	1718	0.0394	859	0	0.0000	0
Roadside Ditch - 2ft ("ORH" 16+85 Lt)	15	Ramp Realignment and Widening	78	0.0036	156	0.0036	78	0	0.0000	0
Roadside Ditch - 2ft ("ORH" 19+30 Lt)	16	Ramp Realignment and Widening	225	0.0103	450	0.0103	225	0	0.0000	0
Roadside Ditch - 1ft ("ORH" 23+80 Rt)	17	Ramp Realignment and Widening	399	0.0092	399	0.0092	399	0	0.0000	0
Total Waters of the State			**1561**	**0.0625**	**2723**	**0.0625**	**1561**	**0.000**	**0.000**	**0.000**
Culverted Waters of the U.S.										
CWUS3	18	Culvert Extension	122	0.0169	0	0.0000	0	734	0.0169	122
CWUS4	19	Protect in Place	141	0.0129	0	0.0000	0	564	0.0129	141
CWUS5	20	Culvert Extension	170	0.0156	0	0.0000	0	680	0.0156	170
CWUS6	21	Culvert Extension	138	0.0189	0	0.0000	0	823	0.0189	138
Total Culverted Waters of the U.S.			**571**	**0.0643**	**0**	**0.0000**	**0**	**2861**	**0.0643**	**571**
Grand Total (Waters of the U.S.)			**7436**	**1.1629**	**33664**	**0.7728**	**4688**	**3275**	**0.0752**	**659**

Note: Temporary Areas of Impact were taken from 10 ft away from Cut/Fill, Retaining Walls, and Soundwalls.

Figure 5