

COUNTY OF SONOMA
DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
WATMAUGH ROAD BRIDGE REPLACEMENT PROJECT
CONSTRUCTION COST ESTIMATE (FINAL)

Item No.	Item Code	Final Pay	Bid Item Description	Quantity	Unit	Unit Cost	Cost
1	070030		LEAD COMPLIANCE PLAN	1	LS	\$ 5,000.00	\$ 5,000.00
2	080060		LEVEL 2 CRITICAL PATH METHOD SCHEDULE	1	LS	\$ 10,000.00	\$ 10,000.00
3	100100		DEVELOP WATER SUPPLY	1	LS	\$ 53,000.00	\$ 53,000.00
4	120000B		CONSTRUCTION PROJECT FUNDING SIGN	2	EA	\$ 850.00	\$ 1,700.00
5	120090		CONSTRUCTION AREA SIGNS	1	LS	\$ 40,000.00	\$ 40,000.00
6	120100		TRAFFIC CONTROL SYSTEM	1	LS	\$ 65,000.00	\$ 65,000.00
7	128651		PORTABLE CHANGEABLE MESSAGE SIGN	2	EA	\$ 7,600.00	\$ 15,200.00
8	130000A		TEMPORARY ACCESS ROAD	1	LS	\$ 200,000.00	\$ 200,000.00
9	130100		JOB SITE MANAGEMENT	1	LS	\$ 37,000.00	\$ 37,000.00
10	130300		PREPARE STORM WATER POLLUTION PREVENTION PLAN	1	LS	\$ 7,950.00	\$ 7,950.00
11	130680		TEMPORARY SILT FENCE	2425	LF	\$ 7.00	\$ 16,975.00
12	131103		WATER QUALITY SAMPLING AND ANALYSIS DAY	85	EA	\$ 668.00	\$ 56,780.00
13	131104		WATER QUALITY MONITORING REPORT	1	EA	\$ 720.00	\$ 720.00
14	131105		WATER QUALITY ANNUAL REPORT	1	EA	\$ 1,415.00	\$ 1,415.00
15	140003		ASBESTOS COMPLIANCE PLAN	1	LS	\$ 5,920.00	\$ 5,920.00
16	140004A		ASBESTOS REMOVAL	1	LS	\$ 30,000.00	\$ 30,000.00
17	141110		WORK AREA MONITORING (BRIDGE)	1	LS	\$ 30,000.00	\$ 30,000.00
18	146002		CONTRACTOR-SUPPLIED BIOLOGIST (LS)	1	LS	\$ 85,000.00	\$ 85,000.00
19	146003		NATURAL RESOURCE PROTECTION PLAN	1	LS	\$ 8,700.00	\$ 8,700.00
20	160110		TEMPORARY HIGH-VISIBILITY FENCE	2425	LF	\$ 7.00	\$ 16,975.00
21	190101		ROADWAY EXCAVATION	1995	CY	\$ 130.00	\$ 259,350.00
22	192003	F	STRUCTURE EXCAVATION (BRIDGE)	518	CY	\$ 350.00	\$ 181,300.00
23	193003	F	STRUCTURE BACKFILL (BRIDGE)	417	CY	\$ 375.00	\$ 156,375.00
24	194001		DITCH EXCAVATION	200	CY	\$ 336.00	\$ 67,200.00
25	200002		ROADSIDE CLEARING	1	LS	\$ 107,900.00	\$ 107,900.00
26	210430		HYDROSEED	21606	SQFT	\$ 0.50	\$ 10,803.00
27	260203		CLASS 2 AGGREGATE BASE (CY)	900	CY	\$ 121.00	\$ 108,900.00
28	390132		ASPHALT CONCRETE (TYPE A)	1277	TON	\$ 267.00	\$ 340,959.00
29	394074		PLACE HOT MIX ASPHALT DIKE (TYPE C)	350	LF	\$ 15.00	\$ 5,250.00
30	398200		COLD PLANE ASPHALT CONCRETE PAVEMENT	52	SQYD	\$ 220.00	\$ 11,440.00
31	490604		30" CAST-IN-DRILLED-HOLE CONCRETE PILING	842	LF	\$ 600.00	\$ 505,200.00
32	490611		72" CAST-IN-DRILLED-HOLE CONCRETE PILING	400	LF	\$ 3,000.00	\$ 1,200,000.00
33	500001		PRESTRESSING CAST-IN-PLACE CONCRETE	1	LS	\$ 85,000.00	\$ 85,000.00

Item No.	Item Code	Final Pay	Bid Item Description	Quantity	Unit	Unit Cost	Cost
34	510051	F	STRUCTURAL CONCRETE, BRIDGE FOOTING	105	CY	\$ 1,250.00	\$ 131,250.00
35	510053	F	STRUCTURAL CONCRETE, BRIDGE	540	CY	\$ 2,300.00	\$ 1,242,000.00
36	510054	F	STRUCTURAL CONCRETE, BRIDGE (POLYMER FIBER)	184	CY	\$ 2,300.00	\$ 423,200.00
37	519091		JOINT SEAL (MR 1 1/2")	70	LF	\$ 140.00	\$ 9,800.00
38	520102	F	BAR REINFORCING STEEL (BRIDGE)	327,930	LB	\$ 1.85	\$ 606,670.50
39	520120		HEADED BAR REINFORCEMENT	96	EA	\$ 75.00	\$ 7,200.00
40	600097		BRIDGE REMOVAL	1	LS	\$ 220,000.00	\$ 220,000.00
41	601000A		RESTORE AND REINSTALL EXISTING TRUSS PANELS	1	LS	\$ 400,000.00	\$ 400,000.00
42	710196A		ADJUST INLET (MONITORING WELLS)	2	EA	\$ 4,394.00	\$ 8,788.00
43	723060		ROCK SLOPE PROTECTION (300 lb, CLASS IV, METHOD B) (CY)	341	CY	\$ 269.00	\$ 91,729.00
44	723095		ROCK SLOPE PROTECTION (20 lb, CLASS I, METHOD B) (CY)	244	CY	\$ 647.00	\$ 157,868.00
45	750501	F	MISCELLANEOUS METAL (BRIDGE)	11,367	LB	\$ 21.00	\$ 238,707.00
46	782120		RELOCATE MAILBOX	3	EA	\$ 620.00	\$ 1,860.00
47	810190		GUARD RAILING DELINEATOR	67	EA	\$ 50.00	\$ 3,350.00
48	820134		OBJECT MARKER (TYPE P)	1	EA	\$ 217.00	\$ 217.00
49	820220		REMOVE MARKER	4	EA	\$ 30.00	\$ 120.00
50	820270		REMOVE ROADSIDE SIGN (WOOD POST)	4	EA	\$ 212.00	\$ 848.00
51	820280		REMOVE ROADSIDE SIGN (METAL POST)	2	EA	\$ 200.00	\$ 400.00
52	820620		RELOCATE ROADSIDE SIGN (METAL POST)	2	EA	\$ 365.00	\$ 730.00
53	820800A		INSTALL INTERPRETIVE SIGN	2	EA	\$ 2,500.00	\$ 5,000.00
54	832000A		ALTERNATIVE IN-LINE TERMINAL SYSTEM	3	EA	\$ 7,500.00	\$ 22,500.00
55	832005		MIDWEST GUARDRAIL SYSTEM	400	LF	\$ 75.00	\$ 30,000.00
56	832070		VEGETATION CONTROL (MINOR CONCRETE)	170	SQYD	\$ 250.00	\$ 42,500.00
57	833094	F	TUBULAR BICYCLING RAILING	427	LF	\$ 300.00	\$ 128,100.00
58	839544		TRANSITION RAILING (TYPE AGT)	3	EA	\$ 9,000.00	\$ 27,000.00
59	839752		REMOVE GUARDRAIL	162	LF	\$ 20.00	\$ 3,240.00
60	839800		CALIFORNIA ST-75 BRIDGE RAIL	455	LF	\$ 700.00	\$ 318,500.00
61	834000A		CRASH CUSHION	1	EA	\$ 100,000.00	\$ 100,000.00
62	846007		6" THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY)	3176	LF	\$ 5.00	\$ 15,880.00
63	846030		REMOVE YELLOW THERMOPLASTIC TRAFFIC STRIPE (HAZARDOUS WASTE)	780	LF	\$ 3.00	\$ 2,340.00
64	999990		MOBILIZATION	1	LS	\$ 885,201	\$ 885,201.06
			SUBTOTAL				\$ 8,852,010.56
			CONTINGENCY (10%)				\$ 885,201.06
			TOTAL				\$ 9,737,211.61