

City of Los Angeles - Department of Public Works - Bureau of Engineering



North Main St Bridge over Los Angeles River Earthquake Retrofit

Work Order No. E700203F

DETAILED RESULTS			CITY ENGINEER'S ESTIMATE			T.T. POLICH & ASSOCIATES, A JOINT VENTURE		GRIFFITH COMPANY		WEST VALLEY INVESTMENT GROUP, INC.	
BID ITEM	DESCRIPTION	QUANTITY	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	
1	Structure Excavation (Bridge)	CY	1,456	\$110.00	\$160,160.00	\$ 25.00	\$ 36,400.00	\$ 25.00	\$ 36,400.00	\$ 30.00	\$ 43,680.00
2	Structure Backfill (Bridge)	CY	90	\$100.00	\$9,000.00	\$ 5.00	\$ 450.00	\$ 125.00	\$ 11,250.00	\$ 100.00	\$ 9,000.00
3	Bridge Removal (Portion)	LS			\$300,000.00		\$ 439,000.00		\$ 700,000.00		\$ 850,000.00
4	Structural Concrete (Bridge)	CY	1,120	\$2,300.00	\$2,576,000.00	\$ 2,124.00	\$ 2,378,880.00	\$ 1,793.00	\$ 2,008,160.00	\$ 1,200.00	\$ 1,344,000.00
5	Lightweight Concrete (Bridge)	CY	1,260	\$1,100.00	\$1,386,000.00	\$ 225.00	\$ 283,500.00	\$ 350.00	\$ 441,000.00	\$ 450.00	\$ 567,000.00
6	Furnish Polyester Concrete Overlay	CF	3,250	\$113.00	\$367,250.00	\$ 57.00	\$ 185,250.00	\$ 95.00	\$ 308,750.00	\$ 130.00	\$ 422,500.00
7	Place Polyester Concrete Overlay	SF	19,500	\$12.00	\$234,000.00	\$ 4.50	\$ 87,750.00	\$ 3.75	\$ 73,125.00	\$ 4.00	\$ 78,000.00
8	Core and Pressure Grout Reinforcement	LF	884	\$76.00	\$67,184.00	\$ 70.00	\$ 61,880.00	\$ 47.00	\$ 41,548.00	\$ 150.00	\$ 132,600.00
9	Drill and Bond Dowel	LF	9,527	\$30.00	\$285,810.00	\$ 25.00	\$ 238,175.00	\$ 25.00	\$ 238,175.00	\$ 60.00	\$ 571,620.00
10	Drill and Bond Dowel (Chemical Adhesive)	LF	3,696	\$50.00	\$184,800.00	\$ 30.00	\$ 110,880.00	\$ 26.00	\$ 96,096.00	\$ 75.00	\$ 277,200.00
11	Structural Steel (Bridge)	LB	52,747	\$4.50	\$237,361.50	\$ 5.00	\$ 263,735.00	\$ 5.00	\$ 263,735.00	\$ 7.00	\$ 369,229.00
12	Metal Bridge Railing incl. Posts & Pedestals	LF	596	\$850.00	\$506,600.00	\$ 1,500.00	\$ 894,000.00	\$ 645.00	\$ 384,420.00	\$ 1,000.00	\$ 596,000.00
13	Drill and Pressure Grout Reinforcement	LF	786	\$70.00	\$55,020.00	\$ 37.00	\$ 29,082.00	\$ 75.00	\$ 58,950.00	\$ 60.00	\$ 47,160.00
14	Anti-Graffiti Coating	LS			\$12,283.50		\$ 20,000.00		\$ 15,000.00		\$ 10,000.00
15	Traffic Control and Construction Staging	LS			\$250,000.00		\$ 150,000.00		\$ 125,000.00		\$ 120,000.00
16	Historic Concrete Board Finish	SF	40,153	\$3.00	\$120,459.00	\$ 1.40	\$ 56,214.20	\$ 6.50	\$ 260,994.50	\$ 2.00	\$ 80,306.00
17	Minor Concrete (Curb)	LF	596	\$32.00	\$19,072.00	\$ 37.00	\$ 22,052.00	\$ 37.00	\$ 22,052.00	\$ 60.00	\$ 35,760.00
18	Street Lighting	EA	8	\$35,000.00	\$280,000.00	\$ 8,000.00	\$ 64,000.00	\$ 60,000.00	\$ 480,000.00	\$ 11,500.00	\$ 92,000.00
19	Protection of Existing Utilities	LS			\$60,000.00		\$ 5,000.00		\$ 20,000.00		\$ 50,000.00
20	Class B Field Office	LS			\$150,000.00		\$ 50,000.00		\$ 50,000.00		\$ 20,000.00
21	Mobilization	LS			\$350,000.00		\$ 350,000.00		\$ 350,000.00		\$ 350,000.00
TOTAL BID AMOUNT (\$):				\$	7,611,000.00		\$ 5,726,248.20		\$ 5,984,655.50		\$ 6,066,055.00
						{ Low }	-24.76%	{ Low }	-21.37%	{ Low }	-20.30%

City of Los Angeles - Department of Public Works - Bureau of Engineering



North Main St Bridge over Los Angeles River Earthquake Retrofit

Work Order No. E700203F

DETAILED RESULTS			CITY ENGINEER'S ESTIMATE			METRO BUILDERS & ENGINEERS GROUP, LTD		ACCENT BUILDERS, INC.		TRITON STRUCTURAL CONCRETE	
BID ITEM	DESCRIPTION	QUANTITY	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	
1	Structure Excavation (Bridge)	CY	1,456	\$110.00	\$160,160.00	\$ 177.00	\$ 257,712.00	\$ 46.00	\$ 66,976.00	\$ 100.00	\$ 145,600.00
2	Structure Backfill (Bridge)	CY	90	\$100.00	\$9,000.00	\$ 236.00	\$ 21,240.00	\$ 150.00	\$ 13,500.00	\$ 235.00	\$ 21,150.00
3	Bridge Removal (Portion)	LS			\$300,000.00		\$ 442,500.00		\$ 1,550,000.00		\$ 300,000.00
4	Structural Concrete (Bridge)	CY	1,120	\$2,300.00	\$2,576,000.00	\$ 2,242.00	\$ 2,511,040.00	\$ 1,600.00	\$ 1,792,000.00	\$ 1,500.00	\$ 1,680,000.00
5	Lightweight Concrete (Bridge)	CY	1,260	\$1,100.00	\$1,386,000.00	\$ 413.00	\$ 520,380.00	\$ 305.00	\$ 384,300.00	\$ 235.00	\$ 296,100.00
6	Furnish Polyester Concrete Overlay	CF	3,250	\$113.00	\$367,250.00	\$ 63.72	\$ 207,090.00	\$ 72.00	\$ 234,000.00	\$ 115.00	\$ 373,750.00
7	Place Polyester Concrete Overlay	SF	19,500	\$12.00	\$234,000.00	\$ 9.44	\$ 184,080.00	\$ 7.00	\$ 136,500.00	\$ 10.00	\$ 195,000.00
8	Core and Pressure Grout Reinforcement	LF	884	\$76.00	\$67,184.00	\$ 76.70	\$ 67,802.80	\$ 36.00	\$ 31,824.00	\$ 150.00	\$ 132,600.00
9	Drill and Bond Dowel	LF	9,527	\$30.00	\$285,810.00	\$ 40.31	\$ 384,033.37	\$ 23.00	\$ 219,121.00	\$ 50.00	\$ 476,350.00
10	Drill and Bond Dowel (Chemical Adhesive)	LF	3,696	\$50.00	\$184,800.00	\$ 45.25	\$ 167,244.00	\$ 21.00	\$ 77,616.00	\$ 75.00	\$ 277,200.00
11	Structural Steel (Bridge)	LB	52,747	\$4.50	\$237,361.50	\$ 5.90	\$ 311,207.30	\$ 6.25	\$ 329,668.75	\$ 25.00	\$ 1,318,675.00
12	Metal Bridge Railing incl. Posts & Pedestals	LF	596	\$850.00	\$506,600.00	\$ 295.00	\$ 175,820.00	\$ 1,285.00	\$ 765,860.00	\$ 205.00	\$ 122,180.00
13	Drill and Pressure Grout Reinforcement	LF	786	\$70.00	\$55,020.00	\$ 143.96	\$ 113,152.56	\$ 32.00	\$ 25,152.00	\$ 125.00	\$ 98,250.00
14	Anti-Graffiti Coating	LS			\$12,283.50		\$ 23,600.00		\$ 11,000.00		\$ 20,000.00
15	Traffic Control and Construction Staging	LS			\$250,000.00		\$ 53,100.00		\$ 132,000.00		\$ 775,000.00
16	Historic Concrete Board Finish	SF	40,153	\$3.00	\$120,459.00	\$ 11.80	\$ 473,805.40	\$ 3.15	\$ 126,481.95	\$ 12.00	\$ 481,836.00
17	Minor Concrete (Curb)	LF	596	\$32.00	\$19,072.00	\$ 94.40	\$ 56,262.40	\$ 25.00	\$ 14,900.00	\$ 35.00	\$ 20,860.00
18	Street Lighting	EA	8	\$35,000.00	\$280,000.00	\$ 41,300.00	\$ 330,400.00	\$ 65,500.00	\$ 524,000.00	\$ 60,000.00	\$ 480,000.00
19	Protection of Existing Utilities	LS			\$60,000.00		\$ 47,200.00		\$ 26,000.00		\$ 55,000.00
20	Class B Field Office	LS			\$150,000.00		\$ 29,500.00		\$ 76,000.00		\$ 60,000.00
21	Mobilization	LS			\$350,000.00		\$ 348,100.00		\$ 350,000.00		\$ 350,000.00
TOTAL BID AMOUNT (\$):				\$	7,611,000.00		\$ 6,725,269.83		\$ 6,886,899.70		\$ 7,679,551.00
						{ Low }	-11.64%	{ Low }	-9.51%	{ High }	0.90%

City of Los Angeles - Department of Public Works - Bureau of Engineering



North Main St Bridge over Los Angeles River Earthquake Retrofit

Work Order No. E700203F

DETAILED RESULTS			CITY ENGINEER'S ESTIMATE			USS CAL BUILDERS, INC.		LOS ANGELES ENGINEERING, INC.		PETERSON CHASE GENERAL ENGINEERING CONSTRUCTION, INC.	
BID ITEM	DESCRIPTION	QUANTITY	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	
1	Structure Excavation (Bridge)	CY	1,456	\$110.00	\$160,160.00	\$ 90.00	\$ 131,040.00	\$ 26.00	\$ 37,856.00	\$ 70.00	\$ 101,920.00
2	Structure Backfill (Bridge)	CY	90	\$100.00	\$9,000.00	\$ 100.00	\$ 9,000.00	\$ 400.00	\$ 36,000.00	\$ 100.00	\$ 9,000.00
3	Bridge Removal (Portion)	LS			\$300,000.00		\$ 250,000.00		\$ 407,000.00		\$ 830,000.00
4	Structural Concrete (Bridge)	CY	1,120	\$2,300.00	\$2,576,000.00	\$ 1,400.00	\$ 1,568,000.00	\$ 2,665.00	\$ 2,984,800.00	\$ 4,460.00	\$ 4,995,200.00
5	Lightweight Concrete (Bridge)	CY	1,260	\$1,100.00	\$1,386,000.00	\$ 500.00	\$ 630,000.00	\$ 370.00	\$ 466,200.00	\$ 310.00	\$ 390,600.00
6	Furnish Polyester Concrete Overlay	CF	3,250	\$113.00	\$367,250.00	\$ 80.00	\$ 260,000.00	\$ 18.00	\$ 58,500.00	\$ 82.00	\$ 266,500.00
7	Place Polyester Concrete Overlay	SF	19,500	\$12.00	\$234,000.00	\$ 8.00	\$ 156,000.00	\$ 37.00	\$ 721,500.00	\$ 2.50	\$ 48,750.00
8	Core and Pressure Grout Reinforcement	LF	884	\$76.00	\$67,184.00	\$ 90.00	\$ 79,560.00	\$ 222.00	\$ 196,248.00	\$ 80.00	\$ 70,720.00
9	Drill and Bond Dowel	LF	9,527	\$30.00	\$285,810.00	\$ 50.00	\$ 476,350.00	\$ 25.00	\$ 238,175.00	\$ 24.00	\$ 228,648.00
10	Drill and Bond Dowel (Chemical Adhesive)	LF	3,696	\$50.00	\$184,800.00	\$ 65.00	\$ 240,240.00	\$ 98.00	\$ 362,208.00	\$ 28.00	\$ 103,488.00
11	Structural Steel (Bridge)	LB	52,747	\$4.50	\$237,361.50	\$ 16.00	\$ 843,952.00	\$ 10.00	\$ 527,470.00	\$ 7.00	\$ 369,229.00
12	Metal Bridge Railing incl. Posts & Pedestals	LF	596	\$850.00	\$506,600.00	\$ 1,400.00	\$ 834,400.00	\$ 2,257.00	\$ 1,345,172.00	\$ 185.00	\$ 110,260.00
13	Drill and Pressure Grout Reinforcement	LF	786	\$70.00	\$55,020.00	\$ 60.00	\$ 47,160.00	\$ 120.00	\$ 94,320.00	\$ 40.00	\$ 31,440.00
14	Anti-Graffiti Coating	LS			\$12,283.50		\$ 320,000.00		\$ 17,000.00		\$ 35,000.00
15	Traffic Control and Construction Staging	LS			\$250,000.00		\$ 180,000.00		\$ 123,000.00		\$ 115,000.00
16	Historic Concrete Board Finish	SF	40,153	\$3.00	\$120,459.00	\$ 8.00	\$ 321,224.00	\$ 2.50	\$ 100,382.50	\$ 1.30	\$ 52,198.90
17	Minor Concrete (Curb)	LF	596	\$32.00	\$19,072.00	\$ 25.00	\$ 14,900.00	\$ 60.00	\$ 35,760.00	\$ 30.00	\$ 17,880.00
18	Street Lighting	EA	8	\$35,000.00	\$280,000.00	\$ 100,000.00	\$ 800,000.00	\$ 58,500.00	\$ 468,000.00	\$ 53,000.00	\$ 424,000.00
19	Protection of Existing Utilities	LS			\$60,000.00		\$ 120,000.00		\$ 56,000.00		\$ 25,000.00
20	Class B Field Office	LS			\$150,000.00		\$ 200,000.00		\$ 14,000.00		\$ 125,000.00
21	Mobilization	LS			\$350,000.00		\$ 350,000.00		\$ 216,000.00		\$ 350,000.00
TOTAL BID AMOUNT (\$):				\$	7,611,000.00		\$ 7,831,826.00		\$ 8,505,591.50		\$ 8,699,833.90
						{ High }	2.90%	{ High }	11.75%	{ High }	14.31%

City of Los Angeles - Department of Public Works - Bureau of Engineering



North Main St Bridge over Los Angeles River Earthquake Retrofit

Work Order No. E700203F

DETAILED RESULTS			CITY ENGINEER'S ESTIMATE			FTR INTERNATIONAL, INC.		BEADOR CONSTRUCTION COMPANY, INC.		DIABLO CONTRACTOR, INC.	
BID ITEM	DESCRIPTION		QUANTITY	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
1	Structure Excavation (Bridge)	CY	1,456	\$110.00	\$160,160.00	\$ 80.00	\$ 116,480.00	\$ 40.00	\$ 58,240.00	\$ 30.00	\$ 43,680.00
2	Structure Backfill (Bridge)	CY	90	\$100.00	\$9,000.00	\$ 100.00	\$ 9,000.00	\$ 175.00	\$ 15,750.00	\$ 50.00	\$ 4,500.00
3	Bridge Removal (Portion)	LS			\$300,000.00		\$ 1,000,000.00		\$ 587,207.00		\$ 3,960,000.00
4	Structural Concrete (Bridge)	CY	1,120	\$2,300.00	\$2,576,000.00	\$ 2,500.00	\$ 2,800,000.00	\$ 4,500.00	\$ 5,040,000.00	\$ 1,500.00	\$ 1,680,000.00
5	Lightweight Concrete (Bridge)	CY	1,260	\$1,100.00	\$1,386,000.00	\$ 350.00	\$ 441,000.00	\$ 200.00	\$ 252,000.00	\$ 1,700.00	\$ 2,142,000.00
6	Furnish Polyester Concrete Overlay	CF	3,250	\$113.00	\$367,250.00	\$ 90.00	\$ 292,500.00	\$ 60.00	\$ 195,000.00	\$ 50.00	\$ 162,500.00
7	Place Polyester Concrete Overlay	SF	19,500	\$12.00	\$234,000.00	\$ 4.00	\$ 78,000.00	\$ 2.25	\$ 43,875.00	\$ 4.00	\$ 78,000.00
8	Core and Pressure Grout Reinforcement	LF	884	\$76.00	\$67,184.00	\$ 50.00	\$ 44,200.00	\$ 47.00	\$ 41,548.00	\$ 40.00	\$ 35,360.00
9	Drill and Bond Dowel	LF	9,527	\$30.00	\$285,810.00	\$ 35.00	\$ 333,445.00	\$ 25.00	\$ 238,175.00	\$ 30.00	\$ 285,810.00
10	Drill and Bond Dowel (Chemical Adhesive)	LF	3,696	\$50.00	\$184,800.00	\$ 40.00	\$ 147,840.00	\$ 30.00	\$ 110,880.00	\$ 30.00	\$ 110,880.00
11	Structural Steel (Bridge)	LB	52,747	\$4.50	\$237,361.50	\$ 5.00	\$ 263,735.00	\$ 5.00	\$ 263,735.00	\$ 6.00	\$ 316,482.00
12	Metal Bridge Railing incl. Posts & Pedestals	LF	596	\$850.00	\$506,600.00	\$ 1,600.00	\$ 953,600.00	\$ 1,600.00	\$ 953,600.00	\$ 800.00	\$ 476,800.00
13	Drill and Pressure Grout Reinforcement	LF	786	\$70.00	\$55,020.00	\$ 30.00	\$ 23,580.00	\$ 36.00	\$ 28,296.00	\$ 40.00	\$ 31,440.00
14	Anti-Graffiti Coating	LS			\$12,283.50		\$ 125,000.00		\$ 15,000.00		\$ 50,000.00
15	Traffic Control and Construction Staging	LS			\$250,000.00		\$ 200,000.00		\$ 350,000.00		\$ 40,000.00
16	Historic Concrete Board Finish	SF	40,153	\$3.00	\$120,459.00	\$ 30.00	\$ 1,204,590.00	\$ 2.00	\$ 80,306.00	\$ 4.00	\$ 160,612.00
17	Minor Concrete (Curb)	LF	596	\$32.00	\$19,072.00	\$ 50.00	\$ 29,800.00	\$ 28.00	\$ 16,688.00	\$ 30.00	\$ 17,880.00
18	Street Lighting	EA	8	\$35,000.00	\$280,000.00	\$ 45,000.00	\$ 360,000.00	\$ 60,000.00	\$ 480,000.00	\$ 50,000.00	\$ 400,000.00
19	Protection of Existing Utilities	LS			\$60,000.00		\$ 200,000.00		\$ 150,000.00		\$ 10,000.00
20	Class B Field Office	LS			\$150,000.00		\$ 300,000.00		\$ 80,000.00		\$ 20,000.00
21	Mobilization	LS			\$350,000.00		\$ 350,000.00		\$ 350,000.00		\$ 350,000.00
TOTAL BID AMOUNT (\$):					\$ 7,611,000.00		\$ 9,272,770.00		\$ 9,350,300.00		\$ 10,375,944.00
						{ High }	21.83%	{ High }	22.85%	{ High }	36.33%