

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



TAMPA AVENUE BRIDGE OVER LOS ANGELES RIVER AND BIKEWAY UNDERPASS BRIDGE NO. 53C-1335

W.O. No. E700023F & E700308F; Federal Project No. BHLS-5006(184)

WINNETKA AVENUE BRIDGE OVER LOS ANGELES RIVER BRIDGE No. 53C-1388

W.O. No. E700027F; Federal Project No. BHLS-5006(209)

Bid Date: 8/5/2009

Council District: 3

Bids Received: 6

DETAILED RESULTS											
City Engineer's Estimate											
C.A. RASMUSSEN, INC											
POWELL CONSTRUCTORS											
SEMA CONSTRUCTION, INC.											
BID ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
1	Mobilization (For HBP Participating Work) See GR 01292	LS			\$ 350,000.00		\$ 350,000.00		\$ 350,000.00		\$ 350,000.00
2	Modified Class B Field Office	LS			\$ 50,071.00		\$ 10,000.00		\$ 15,000.00		\$ 16,000.00
3	Remove variable thickness AC surfacing (existing deck)	SF	10,050	\$ 2.00	\$ 20,100.00	\$ 0.50	\$ 5,025.00	\$ 1.00	\$ 10,050.00	\$ 1.00	\$ 10,050.00
4	Structure Bridge (Partial) Removal	LS			\$ 50,000.00		\$ 100,000.00		\$ 120,000.00		\$ 75,000.00
5	Structure Excavation (Bridge)	CY	319	\$ 125.00	\$ 39,875.00	\$ 80.00	\$ 25,520.00	\$ 80.00	\$ 25,520.00	\$ 100.00	\$ 31,900.00
6	Shoring for Excavation (including design and shop drawings)	LS			\$ 100,000.00		\$ 10,000.00		\$ 40,000.00		\$ 200,000.00
7	Structure Backfill (Bridge)	CY	190	\$ 100.00	\$ 19,000.00	\$ 100.00	\$ 19,000.00	\$ 160.00	\$ 30,400.00	\$ 180.00	\$ 34,200.00
8	Furnish Steel Piles (HP 10x57)	LF	5,788	\$ 60.00	\$ 347,280.00	\$ 11.00	\$ 63,668.00	\$ 25.00	\$ 144,700.00	\$ 12.00	\$ 69,456.00
9	Drive Steel Piles (HP 10x57)	EA	77	\$ 2,000.00	\$ 154,000.00	\$ 1,100.00	\$ 84,700.00	\$ 2,500.00	\$ 192,500.00	\$ 15.50	\$ 1,193.50
10	Structural Concrete (footings, piers, abutments, wingwalls, deck, sidewalk, rail pedestals and pilasters)	CY	815	\$ 900.00	\$ 733,500.00	\$ 1,040.00	\$ 847,600.00	\$ 850.00	\$ 692,750.00	\$ 840.00	\$ 684,600.00
11	Structural Concrete (approach slab)	CY	10	\$ 700.00	\$ 7,000.00	\$ 1,000.00	\$ 10,000.00	\$ 1,000.00	\$ 10,000.00	\$ 1,100.00	\$ 11,000.00
12	Anti-Graffiti Coating (railing pilasters, wingwalls, fascia of outside girders)	LS			\$ 10,000.00		\$ 10,000.00		\$ 5,000.00		\$ 100,000.00
13	Drill and Bond Dowel	LF	166	\$ 20.00	\$ 3,320.00	\$ 40.00	\$ 6,640.00	\$ 40.00	\$ 6,640.00	\$ 35.00	\$ 5,810.00
14	Drill and Bond Dowel (Epoxy Cartridge)	EA	216	\$ 80.00	\$ 17,280.00	\$ 40.00	\$ 8,640.00	\$ 60.00	\$ 12,960.00	\$ 35.00	\$ 7,560.00
15	Furnish Precast Prestressed Concrete Girders	EA	12	\$ 28,000.00	\$ 336,000.00	\$ 17,000.00	\$ 204,000.00	\$ 2,000.00	\$ 240,000.00	\$ 20,000.00	\$ 240,000.00
16	Erect Precast Prestressed Concrete Girders	EA	12	\$ 5,000.00	\$ 60,000.00	\$ 2,000.00	\$ 24,000.00	\$ 5,000.00	\$ 60,000.00	\$ 1,800.00	\$ 21,600.00
17	Temporary Traffic Control (TC) for AC replacement (including TC plans)	LS			\$30,018		\$ 2,000.00		\$ 10,000.00		\$ 3,000.00

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W.O. No. E700023F & E700308F; Federal Project No. BHLS-5006(184)

WINNETKA AVENUE BRIDGE OVER LOS ANGELES RIVER BRIDGE No. 53C-1388

W.O. No. E700027F; Federal Project No. BHLS-5006(209)

Bid Date: 8/5/2009

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C.A. RASMUSSEN, INC											
POWELL CONSTRUCTORS											
SEMA CONSTRUCTION, INC.											
BID ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
18	Prepare concrete bridge deck surface (including new deck)	SF	16,080	\$ 1.00	\$ 16,080.00	\$ 0.80	\$ 12,864.00	\$ 1.00	\$ 16,080.00	\$ 0.50	\$ 8,040.00
19	Type B Asphalt Concrete	TON	210	\$ 150.00	\$ 31,500.00	\$ 120.00	\$ 25,200.00	\$ 120.00	\$ 25,200.00	\$ 100.00	\$ 21,000.00
20	Core Concrete	LF	26	\$ 400.00	\$ 10,400.00	\$ 150.00	\$ 3,900.00	\$ 150.00	\$ 3,900.00	\$ 110.00	\$ 2,860.00
21	Joint Seal (Type B-MR=2")	LF	109	\$ 100.00	\$ 10,900.00	\$ 180.00	\$ 19,620.00	\$ 180.00	\$ 19,620.00	\$ 90.00	\$ 9,810.00
22	Work Area Monitoring (Lead Paint)	LS			\$20,000		\$ 2,500.00		\$ 3,000.00		\$ 5,000.00
23	Concrete Channel Lining (5,000 Psi)	CY	120	\$ 600.00	\$ 72,000.00	\$ 400.00	\$ 48,000.00	\$ 500.00	\$ 60,000.00	\$ 180.00	\$ 21,600.00
24	Bridge steel barrier railing (without concrete pilasters)	LF	382	\$ 801.00	\$ 305,982.00	\$ 650.00	\$ 248,300.00	\$ 600.00	\$ 229,200.00	\$ 640.00	\$ 244,480.00
25	Medallions (see GR 01299)	EA	28	\$ 500.00	\$ 14,000.00	\$ 500.00	\$ 14,000.00	\$ 600.00	\$ 16,800.00	\$ 850.00	\$ 23,800.00
26	Water Diversion in river channel (including shop drawings)	LS			\$ 10,000.00		\$ 30,000.00		\$ 70,000.00		\$ 20,000.00
27	AC pavement variable thickness on Tampa Ave and North County Access Road	TON	803	\$ 150.00	\$ 120,450.00	\$ 100.00	\$ 80,300.00	\$ 90.00	\$ 72,270.00	\$ 100.00	\$ 80,300.00
28	Type "C" integral curb and gutter, variable curb face height	LF	740	\$ 38.00	\$ 28,120.00	\$ 30.00	\$ 22,200.00	\$ 30.00	\$ 22,200.00	\$ 35.00	\$ 25,900.00
29	Concrete gutter (b=8"), sidewalk (t=3") and driveway (t=6")	SF	9,500	\$ 15.00	\$ 142,500.00	\$ 4.00	\$ 38,000.00	\$ 6.00	\$ 57,000.00	\$ 6.00	\$ 57,000.00
30	Crushed Aggregate Base (CAB)	CY	400	\$ 43.00	\$ 17,200.00	\$ 80.00	\$ 32,000.00	\$ 90.00	\$ 36,000.00	\$ 75.00	\$ 30,000.00
31	Chain Link Fence (CLF)	LF	120	\$ 34.00	\$ 4,080.00	\$ 40.00	\$ 4,800.00	\$ 50.00	\$ 6,000.00	\$ 50.00	\$ 6,000.00
32	Remove existing gates	EA	3	\$ 450.00	\$ 1,350.00	\$ 500.00	\$ 1,500.00	\$ 400.00	\$ 1,200.00	\$ 1,000.00	\$ 3,000.00
33	6' High Dual Gate	EA	2	\$ 2,600.00	\$ 5,200.00	\$ 1,500.00	\$ 3,000.00	\$ 2,200.00	\$ 4,400.00	\$ 2,700.00	\$ 5,400.00
34	Curb opening catch basin, W=28', V=7.6'	EA	1	\$ 15,000.00	\$ 15,000.00	\$ 20,000.00	\$ 20,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00
35	Curb opening catch basin, W=28', modified V=6.23'	EA	1	\$ 15,000.00	\$ 15,000.00	\$ 20,000.00	\$ 20,000.00	\$ 14,000.00	\$ 14,000.00	\$ 14,000.00	\$ 14,000.00
36	Curb opening catch basin, W=21', V=7.6'	EA	1	\$ 12,000.00	\$ 12,000.00	\$ 14,000.00	\$ 14,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00

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DETAILED RESULTS											
City Engineer's Estimate											
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POWELL CONSTRUCTORS											
SEMA CONSTRUCTION, INC.											
BID ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
37	Curb opening catch basin, W=7', V=5.47'	EA	1	\$ 6,500.00	\$ 6,500.00	\$ 6,500.00	\$ 6,500.00	\$ 5,000.00	\$ 5,000.00	\$ 10,000.00	\$ 10,000.00
38	Concrete collar	EA	2	\$ 1,300.00	\$ 2,600.00	\$ 3,000.00	\$ 6,000.00	\$ 500.00	\$ 1,000.00	\$ 550.00	\$ 1,100.00
39	Reinforced Concrete Pipe (RCP) 48" (1,000D)	LF	12	\$ 900.00	\$ 10,800.00	\$ 440.00	\$ 5,280.00	\$ 600.00	\$ 7,200.00	\$ 420.00	\$ 5,040.00
40	RCP 24" (1,250D)	LF	20	\$ 250.00	\$ 5,000.00	\$ 130.00	\$ 2,600.00	\$ 200.00	\$ 4,000.00	\$ 340.00	\$ 6,800.00
41	Compacted Backfill (with imported soil)	CY	105	\$ 180.00	\$ 18,900.00	\$ 110.00	\$ 11,550.00	\$ 10.00	\$ 1,050.00	\$ 38.00	\$ 3,990.00
42	Remove AC pavement (t=8" min).	SF	692	\$ 4.00	\$ 2,768.00	\$ 4.00	\$ 2,768.00	\$ 5.00	\$ 3,460.00	\$ 4.00	\$ 2,768.00
43	Cold Plane AC pavement	SF	24,500	\$ 2.50	\$ 61,250.00	\$ 0.50	\$ 12,250.00	\$ 0.60	\$ 14,700.00	\$ 0.50	\$ 12,250.00
44	Remove Type A Concrete Curb	LF	416	\$ 7.00	\$ 2,912.00	\$ 6.00	\$ 2,496.00	\$ 1.00	\$ 416.00	\$ 4.00	\$ 1,664.00
45	Remove Concrete curb & gutter, (a=2', b=8")	LF	605	\$ 10.00	\$ 6,050.00	\$ 7.00	\$ 4,235.00	\$ 8.00	\$ 4,840.00	\$ 4.00	\$ 2,420.00
46	Remove concrete gutter (b=8")	SF	7,660	\$ 4.00	\$ 30,640.00	\$ 0.10	\$ 766.00	\$ 1.00	\$ 7,660.00	\$ 1.00	\$ 7,660.00
47	Remove driveway, t=6"	SF	237	\$ 7.00	\$ 1,659.00	\$ 3.00	\$ 711.00	\$ 3.00	\$ 711.00	\$ 6.00	\$ 1,422.00
48	Remove catch basin, W=49'	EA	1	\$ 5,000.00	\$ 5,000.00	\$ 6,000.00	\$ 6,000.00	\$ 7,000.00	\$ 7,000.00	\$ 4,000.00	\$ 4,000.00
49	Remove catch basin, W=21'	EA	1	\$ 2,000.00	\$ 2,000.00	\$ 3,500.00	\$ 3,500.00	\$ 3,000.00	\$ 3,000.00	\$ 2,200.00	\$ 2,200.00
50	Remove catch basin, W=7'	EA	1	\$ 1,000.00	\$ 1,000.00	\$ 2,000.00	\$ 2,000.00	\$ 800.00	\$ 800.00	\$ 1,300.00	\$ 1,300.00
51	Remove 48" RCP	LF	10	\$ 150.00	\$ 1,500.00	\$ 120.00	\$ 1,200.00	\$ 80.00	\$ 800.00	\$ 33.00	\$ 330.00
52	Remove 24" RCP	LF	16	\$ 100.00	\$ 1,600.00	\$ 70.00	\$ 1,120.00	\$ 40.00	\$ 640.00	\$ 45.00	\$ 720.00
53	Remove Chain Link Fence	LF	135	\$ 10.00	\$ 1,350.00	\$ 10.00	\$ 1,350.00	\$ 10.00	\$ 1,350.00	\$ 10.00	\$ 1,350.00

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BID ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
54	Excavation (access roads)	CY	211	\$ 70.00	\$ 14,770.00	\$ 30.00	\$ 6,330.00	\$ 25.00	\$ 5,275.00	\$ 17.00	\$ 3,587.00
55	Adjust Sanitary Sewer Manhole	EA	5	\$ 1,200.00	\$ 6,000.00	\$ 1,000.00	\$ 5,000.00	\$ 450.00	\$ 2,250.00	\$ 700.00	\$ 3,500.00
56	Allowance for Provisions for DWP relocation of water valves and Fire Hydrant (see GR 01212)	LS			\$ 23,360.00		\$ 23,360.00		\$ 23,360.00		\$ 23,360.00
57	Allowance for Provisions for DWP relocation of power utilities (see GR 01212)	LS			\$ 68,500.00		\$ 68,500.00		\$ 68,500.00		\$ 68,500.00
58	Relocate Gas Valve	LS			\$ 850.00		\$ 100.00		\$ 1.00		\$ 5,000.00
59	Traffic Control (Per Sheets C8 to C10) incl. permanent pavement delineation, signage, removals of all exist. or temporary signs.	LS			\$ 28,000.00		\$ 80,000.00		\$ 70,000.00		\$ 80,000.00
60	Final Restoration (Per Sheet C11)	LS			\$ 10,000.00		\$ 10,000.00		\$ 20,000.00		\$ 12,000.00
61	Remove, relocate, and install street lighting items per approved Bureau of Street Lighting (BSL) street lighting plan, including street lighting pull boxes	LS			\$ 142,600.00		\$ 120,000.00		\$ 110,000.00		\$ 120,000.00
62	Street Signage	EA	2	\$ 3,000.00	\$ 6,000.00	\$ 2,000.00	\$ 4,000.00	\$ 1,000.00	\$ 2,000.00	\$ 2,000.00	\$ 4,000.00
63	3" Ductile Iron water line in Tampa Ave	LF	400	\$ 100.00	\$ 40,000.00	\$ 70.00	\$ 28,000.00	\$ 1.00	\$ 400.00	\$ 20.00	\$ 8,000.00
64	Allowance for Provisions for construction survey (per GR 01212)	LS			\$ 40,000.00		\$ 40,000.00		\$ 40,000.00		\$ 40,000.00
TAMPA RSTP & METRO Participating (Bikeway Underpass)											
65	Clearing and Grubbing	LS			\$ 10,000.00		\$ 30,000.00		\$ 500.00		\$ 60,000.00
66	Remove Variable Thickness (12"-18") Concrete Slab Bank	SF	13,350	\$ 4.00	\$ 53,400.00	\$ 4.00	\$ 53,400.00	\$ 6.00	\$ 80,100.00	\$ 4.00	\$ 53,400.00
67	Unclassified Excavation	CY	250	\$ 12.00	\$ 3,000.00	\$ 60.00	\$ 15,000.00	\$ 10.00	\$ 2,500.00	\$ 33.00	\$ 8,250.00
68	Unclassified Fill	CY	1,000	\$ 35.00	\$ 35,000.00	\$ 25.00	\$ 25,000.00	\$ 40.00	\$ 40,000.00	\$ 30.00	\$ 30,000.00

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BID ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
69	4" Crushed Miscellaneous Base	SF	10,525	\$ 0.40	\$ 4,210.00	\$ 1.00	\$ 10,525.00	\$ 0.80	\$ 8,420.00	\$ 1.50	\$ 15,787.50
70	Shoring for Excavation (including design and shop drawings)	LS			\$ 25,000.00		\$ 1,000.00		\$ 1.00		\$ 175,000.00
71	Allowance for Provisions for retaining wall and Bikeway slab - shop drawings and detailing (per GR 01212)	LS			\$ 15,000.00		\$ 15,000.00		\$ 15,000.00		\$ 15,000.00
72	Reinforced Concrete Retaining Wall and Bikeway slab (including structure excavation, backfill and footing)	LS			\$ 443,000.00		\$ 528,000.00		\$ 420,000.00		\$ 540,000.00
73	5' High Collapsible Fence	LF	1,160	\$ 36.00	\$ 41,760.00	\$ 28.00	\$ 32,480.00	\$ 35.00	\$ 40,600.00	\$ 35.00	\$ 40,600.00
74	Temporary Barricades	EA	10	\$ 150.00	\$ 1,500.00	\$ 100.00	\$ 1,000.00	\$ 10.00	\$ 100.00	\$ 350.00	\$ 3,500.00
75	Protect Drainage Structure in place	EA	1	\$ 3,000.00	\$ 3,000.00	\$ 1,000.00	\$ 1,000.00	\$ 10.00	\$ 10.00	\$ 1,500.00	\$ 1,500.00
76	Anti-slip steel plate for bikeway	SF	260	\$ 10.00	\$ 2,600.00	\$ 400.00	\$ 104,000.00	\$ 100.00	\$ 26,000.00	\$ 20.00	\$ 5,200.00
77	Underpass lighting (without poles and fixtures)	LS			\$ 80,000.00		\$ 30,000.00		\$ 25,000.00		\$ 20,000.00
WINNETKA Highway Bridge Program (HBP) - Participating (Bridge & Roadway Widening)											
78	Mobilization (For HBP Participating Work) See GR 01292	LS			\$ 320,000.00		\$ 320,000.00		\$ 320,000.00		\$ 320,000.00
79	Modified Class B Field Office	LS			\$ 50,000.00		\$ 10,000.00		\$ 15,000.00		\$ 14,000.00
80	Structure Bridge (Partial) Removal (retaining walls, pier nose, bridge deck slab at center pier and longitudinal closure pour, top part of the existing piles, bridge sidewalk and railings, and all other removal work required).	LS			\$ 50,000.00		\$ 100,000.00		\$ 130,000.00		\$ 50,000.00
81	Structure Excavation (Bridge)	CY	319	\$ 125.00	\$ 39,875.00	\$ 80.00	\$ 25,520.00	\$ 100.00	\$ 31,900.00	\$ 110.00	\$ 35,090.00
82	Shoring for Excavation (including design and shop drawings)	LS			\$ 100,000.00		\$ 1,000.00		\$ 50,000.00		\$ 75,000.00
83	Structure Backfill (Bridge)	CY	242	\$ 100.00	\$ 24,200.00	\$ 100.00	\$ 24,200.00	\$ 300.00	\$ 72,600.00	\$ 160.00	\$ 38,720.00
84	Furnish Steel Piles (HP 14x89)	LF	3,750	\$ 95.00	\$ 356,250.00	\$ 10.00	\$ 37,500.00	\$ 30.00	\$ 112,500.00	\$ 12.00	\$ 45,000.00

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BID ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
85	Drive Steel Piles (HP 14x89)	EA	50	\$ 2,000.00	\$ 100,000.00	\$ 5,000.00	\$ 250,000.00	\$ 4,500.00	\$ 225,000.00	\$ 6,000.00	\$ 300,000.00
86	Structural Concrete (footings, piers, abutments, beams, wingwalls, deck and barriers)	CY	900	\$ 900.00	\$ 810,000.00	\$ 990.00	\$ 891,000.00	\$ 730.00	\$ 657,000.00	\$ 850.00	\$ 765,000.00
87	Structural Concrete (approach slab, sidewalk on bridge, rail pilasters)	CY	200	\$ 800.00	\$ 160,000.00	\$ 640.00	\$ 128,000.00	\$ 1,000.00	\$ 200,000.00	\$ 1,000.00	\$ 200,000.00
88	Anti-Graffiti Coating (railing pilasters, wingwalls, fascia of outside girders)	LS			\$ 10,000.00		\$ 10,000.00		\$ 5,000.00		\$ 100,000.00
89	Drill and Bond Dowel	LF	700	\$ 20.00	\$ 14,000.00	\$ 40.00	\$ 28,000.00	\$ 30.00	\$ 21,000.00	\$ 35.00	\$ 24,500.00
90	6 ft. diam. CIDH Concrete Piles	LF	820	\$ 500.00	\$ 410,000.00	\$ 500.00	\$ 410,000.00	\$ 600.00	\$ 492,000.00	\$ 545.00	\$ 446,900.00
91	Furnish Precast Prestressed Concrete Girders	EA	12	\$ 28,000.00	\$ 336,000.00	\$ 15,000.00	\$ 180,000.00	\$ 18,000.00	\$ 216,000.00	\$ 18,000.00	\$ 216,000.00
92	Erect Precast Prestressed Concrete Girders	EA	12	\$ 5,000.00	\$ 60,000.00	\$ 1,900.00	\$ 22,800.00	\$ 5,000.00	\$ 60,000.00	\$ 1,800.00	\$ 21,600.00
93	Temporary Traffic Control (TC) for AC replacement (including TC plans)	LS			\$29,971		\$ 2,000.00		\$ 10,000.00		\$ 3,000.00
94	Remove variable thickness AC surfacing (existing deck)	SF	10,050	\$ 2.00	\$ 20,100.00	\$ 0.50	\$ 5,025.00	\$ 1.00	\$ 10,050.00	\$ 1.00	\$ 10,050.00
95	Prepare concrete bridge deck surface (incl. new deck)	SF	16,080	\$ 1.00	\$ 16,080.00	\$ 0.80	\$ 12,864.00	\$ 1.00	\$ 16,080.00	\$ 1.00	\$ 16,080.00
96	AC pavement (entire bridge)	SF	16,080	\$ 4.00	\$ 64,320.00	\$ 1.90	\$ 30,552.00	\$ 1.50	\$ 24,120.00	\$ 2.20	\$ 35,376.00
97	Core Concrete	LF	30	\$ 400.00	\$ 12,000.00	\$ 150.00	\$ 4,500.00	\$ 50.00	\$ 1,500.00	\$ 50.00	\$ 1,500.00
98	Joint Seal (Type B-MR=2") including water stop	LF	220	\$ 100.00	\$ 22,000.00	\$ 180.00	\$ 39,600.00	\$ 60.00	\$ 13,200.00	\$ 90.00	\$ 19,800.00
99	Concrete Channel Lining (5,000 Psi)	CY	120	\$ 600.00	\$ 72,000.00	\$ 350.00	\$ 42,000.00	\$ 50.00	\$ 6,000.00	\$ 195.00	\$ 23,400.00
100	Bridge steel barrier railing	LF	400	\$ 300.00	\$ 120,000.00	\$ 230.00	\$ 92,000.00	\$ 200.00	\$ 80,000.00	\$ 225.00	\$ 90,000.00
101	Medallions (see Technical Specs and GR1299)	EA	8	\$ 1,875.00	\$ 15,000.00	\$ 3,000.00	\$ 24,000.00	\$ 3,500.00	\$ 28,000.00	\$ 865.00	\$ 6,920.00
102	Water Diversion in river channel (including shop draw)	LS			\$ 10,000.00		\$ 30,000.00		\$ 70,000.00		\$ 20,000.00
103	Construct 10.5" AC over Compact Native	TON	300	\$ 165.00	\$ 49,500.00	\$ 100.00	\$ 30,000.00	\$ 100.00	\$ 30,000.00	\$ 125.00	\$ 37,500.00
104	Construct Variable Thickness AC Overlay	TON	400	\$ 165.00	\$ 66,000.00	100	\$ 40,000.00	\$ 120.00	\$ 48,000.00	\$ 100.00	\$ 40,000.00

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



TAMPA AVENUE BRIDGE OVER LOS ANGELES RIVER AND BIKEWAY UNDERPASS BRIDGE NO. 53C-1335

W.O. No. E700023F & E700308F; Federal Project No. BHLS-5006(184)

WINNETKA AVENUE BRIDGE OVER LOS ANGELES RIVER BRIDGE No. 53C-1388

W.O. No. E700027F; Federal Project No. BHLS-5006(209)

Bid Date: 8/5/2009

Council District: 3

Bids Received: 6

DETAILED RESULTS		City Engineer's Estimate				C.A. RASMUSSEN, INC		POWELL CONSTRUCTORS		SEMA CONSTRUCTION, INC.	
BID ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
105	Construct 2" AC Over Compacted Native	TON	30	\$ 165.00	\$ 4,950.00	\$ 100.00	\$ 3,000.00	\$ 100.00	\$ 3,000.00	\$ 200.00	\$ 6,000.00
106	Crushed Aggregate Base (CAB)	CY	400	\$ 43.00	\$ 17,200.00	\$ 0.01	\$ 4.00	\$ 1.00	\$ 400.00	\$ 25.00	\$ 10,000.00
107	Remove existing Chain Link Fence and Wood Fence	LS			\$ 2,000.00		\$ 1,000.00		\$ 1,000.00		\$ 900.00
108	Remove existing gates	EA	3	\$ 450.00	\$ 1,350.00	\$ 500.00	\$ 1,500.00	\$ 300.00	\$ 900.00	\$ 2,000.00	\$ 6,000.00
109	Construct wrought iron fence and block planter wall	LS			\$ 2,019.00		\$ 8,000.00		\$ 6,000.00		\$ 3,500.00
110	New Chain Link Fence, New Gate and New End Post at Wingwall	LS			\$ 5,000.00		\$ 5,000.00		\$ 6,000.00		\$ 4,500.00
111	Remove Type C Integral Curb and Gutter	LF	300	\$ 10.00	\$ 3,000.00	\$ 6.00	\$ 1,800.00	\$ 4.00	\$ 1,200.00	\$ 4.00	\$ 1,200.00
112	New Type C Integral Curb and Gutter	LF	900	\$ 50.00	\$ 45,000.00	\$ 30.00	\$ 27,000.00	\$ 1.00	\$ 900.00	\$ 35.00	\$ 31,500.00
113	Remove Concrete Sidewalk at Street and Concrete Driveway	LS			\$ 2,500.00		\$ 15,000.00		\$ 25,000.00		\$ 4,500.00
114	New Concrete Street Sidewalk and Concrete Driveway	CY	80	\$ 900.00	\$ 72,000.00	\$ 350.00	\$ 28,000.00	\$ 1.00	\$ 80.00	\$ 435.00	\$ 34,800.00
115	AT & T conduit duct steel support, including concrete openings in abutments and center piers	LS			\$ 2,000.00		\$ 1,000.00		\$ 40,000.00		\$ 12,000.00
116	Traffic Control (per Sheets 25 to 27) incl. permanent pavement delineation, signage, removals of all exist. or temporary signs.	LS			\$ 80,000.00		\$ 140,000.00		\$ 70,000.00		\$ 80,000.00
117	Remove, relocate, and install street lighting items per approved BSL street lighting plan, incl. street lighting pull boxes	LS			\$ 160,000.00		\$ 110,000.00		\$ 80,000.00		\$ 85,000.00
118	Existing Bridge Modifications (per Sheets 23 to 27) including Bridge Jacking	LS			\$ 250,000.00		\$ 125,000.00		\$ 200,000.00		\$ 200,000.00
119	Cleaning and Grubbing	LS			\$ 2,000.00		\$ 30,000.00		\$ 5,000.00		\$ 60,000.00
120	LA DOT Signal Conduit in sidewalk and pull boxes per LA DOT requirement	LS			\$ 3,000.00		\$ 12,000.00		\$ 8,000.00		\$ 7,000.00

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



TAMPA AVENUE BRIDGE OVER LOS ANGELES RIVER AND BIKEWAY UNDERPASS BRIDGE NO. 53C-1335

W.O. No. E700023F & E700308F; Federal Project No. BHLS-5006(184)

WINNETKA AVENUE BRIDGE OVER LOS ANGELES RIVER BRIDGE No. 53C-1388

W.O. No. E700027F; Federal Project No. BHLS-5006(209)

Bid Date: 8/5/2009

Council District: 3

Bids Received: 6

DETAILED RESULTS											
City Engineer's Estimate											
1000											
POWELL CONSTRUCTORS											
SEMA CONSTRUCTION, INC.											
BID ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
121	Access Road including excavation, backfill, retaining walls, AC paving	LS			\$ 40,000.00		\$ 1,000.00		\$ 2,500.00		\$ 2,000.00
122	Remove full depth AC paving (2'-0" wide)	LS			\$ 2,000.00		\$ 2,500.00		\$ 1,000.00		\$ 2,100.00
123	Relocate tree	LS			\$ 2,000.00		\$ 2,000.00		\$ 100.00		\$ 3,000.00
124	Allowance for Provisions for DWP relocation of power utilities (see GR 01212)	LS			\$ 40,000.00		\$ 40,000.00		\$ 40,000.00		\$ 40,000.00
125	Adjust Gas Valve to Grade	EA	4	\$ 400.00	\$ 1,600.00	\$ 1,000.00	\$ 4,000.00	\$ 300.00	\$ 1,200.00	\$ 650.00	\$ 2,600.00
126	Adjust Manhole to Grade	EA	4	\$ 600.00	\$ 2,400.00	\$ 1,000.00	\$ 4,000.00	\$ 400.00	\$ 1,600.00	\$ 750.00	\$ 3,000.00
127	Monitor lead paint in work area	LS			\$20,000		\$ 7,500.00		\$ 1,000.00		\$ 5,000.00
128	3" Ductile Iron Water line in Winnetka Ave	LF	400	\$ 100.00	\$ 40,000.00	\$ 70.00	\$ 28,000.00	\$ 1.00	\$ 400.00	\$ 20.00	\$ 8,000.00
129	Street Signage	EA	2	\$ 3,000.00	\$ 6,000.00	\$ 2,000.00	\$ 4,000.00	\$ 1,000.00	\$ 2,000.00	\$ 2,000.00	\$ 4,000.00
130	Allowance for Provisions for construction survey (per GR 01212)	LS			\$ 40,000.00		\$ 40,000.00		\$ 40,000.00		\$ 40,000.00
TOTAL					\$ 8,621,600.00		\$ 7,154,863.00		\$ 7,196,264.00		\$ 7,480,794.00
						{ Low }	-17.01%	{ Low }	-16.53%	{ Low }	-13.23%

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



TAMPA AVENUE BRIDGE OVER LOS ANGELES RIVER AND BIKEWAY UNDERPASS BRIDGE NO. 53C-1335

W.O. No. E700023F & E700308F; Federal Project No. BHLS-5006(184)

WINNETKA AVENUE BRIDGE OVER LOS ANGELES RIVER BRIDGE No. 53C-1388

W.O. No. E700027F; Federal Project No. BHLS-5006(209)

Bid Date: 8/5/2009

Council District: 3

Bids Received: 6

DETAILED RESULTS			City Engineer's Estimate			GRIFFITH COMPANY		T.T. POLICH & ASSOCIATES, A JOINT VENTURE		C. C. MEYERS, INC.	
BID ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
1	Mobilization (For HBP Participating Work) See GR 01292	LS			\$ 350,000.00		\$ 350,000.00		\$ 350,000.00		\$ 350,000.00
2	Modified Class B Field Office	LS			\$ 50,071.00		\$ 25,000.00		\$ 50,000.00		\$ 23,000.00
3	Remove variable thickness AC surfacing (existing deck)	SF	10,050	\$ 2.00	\$ 20,100.00	\$ 4.00	\$ 40,200.00	\$ 0.85	\$ 8,542.50	\$ 1.56	\$ 15,678.00
4	Structure Bridge (Partial) Removal	LS			\$ 50,000.00		\$ 50,000.00		\$ 250,000.00		\$ 52,000.00
5	Structure Excavation (Bridge)	CY	319	\$ 125.00	\$ 39,875.00	\$ 50.00	\$ 15,950.00	\$ 100.00	\$ 31,900.00	\$ 36.00	\$ 11,484.00
6	Shoring for Excavation (including design and shop drawings)	LS			\$ 100,000.00		\$ 40,000.00		\$ 75,000.00		\$ 59,000.00
7	Structure Backfill (Bridge)	CY	190	\$ 100.00	\$ 19,000.00	\$ 120.00	\$ 22,800.00	\$ 150.00	\$ 28,500.00	\$ 130.00	\$ 24,700.00
8	Furnish Steel Piles (HP 10x57)	LF	5,788	\$ 60.00	\$ 347,280.00	\$ 13.00	\$ 75,244.00	\$ 25.00	\$ 144,700.00	\$ 32.00	\$ 185,216.00
9	Drive Steel Piles (HP 10x57)	EA	77	\$ 2,000.00	\$ 154,000.00	\$ 1,300.00	\$ 100,100.00	\$ 700.00	\$ 53,900.00	\$ 900.00	\$ 69,300.00
10	Structural Concrete (footings, piers, abutments, wingwalls, deck, sidewalk, rail pedestals and pilasters)	CY	815	\$ 900.00	\$ 733,500.00	\$ 1,000.00	\$ 815,000.00	\$ 887.00	\$ 722,905.00	\$ 1,050.00	\$ 855,750.00
11	Structural Concrete (approach slab)	CY	10	\$ 700.00	\$ 7,000.00	\$ 2,000.00	\$ 20,000.00	\$ 2,967.00	\$ 29,670.00	\$ 3,000.00	\$ 30,000.00
12	Anti-Graffiti Coating (railing pilasters, wingwalls, fascia of outside girders)	LS			\$ 10,000.00		\$ 21,000.00		\$ 20,000.00		\$ 15,000.00
13	Drill and Bond Dowel	LF	166	\$ 20.00	\$ 3,320.00	\$ 25.00	\$ 4,150.00	\$ 31.00	\$ 5,146.00	\$ 40.00	\$ 6,640.00
14	Drill and Bond Dowel (Epoxy Cartridge)	EA	216	\$ 80.00	\$ 17,280.00	\$ 40.00	\$ 8,640.00	\$ 50.00	\$ 10,800.00	\$ 40.00	\$ 8,640.00
15	Furnish Precast Prestressed Concrete Girders	EA	12	\$ 28,000.00	\$ 336,000.00	\$ 13,000.00	\$ 156,000.00	\$ 4,000.00	\$ 48,000.00	\$ 10,160.00	\$ 121,920.00
16	Erect Precast Prestressed Concrete Girders	EA	12	\$ 5,000.00	\$ 60,000.00	\$ 2,000.00	\$ 24,000.00	\$ 4,190.00	\$ 50,280.00	\$ 2,300.00	\$ 27,600.00
17	Temporary Traffic Control (TC) for AC replacement (including TC plans)	LS			\$30,018		\$ 10,000.00		\$ 6,500.00		\$ 2,500.00

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



TAMPA AVENUE BRIDGE OVER LOS ANGELES RIVER AND BIKEWAY UNDERPASS BRIDGE NO. 53C-1335

W.O. No. E700023F & E700308F; Federal Project No. BHLS-5006(184)

WINNETKA AVENUE BRIDGE OVER LOS ANGELES RIVER BRIDGE No. 53C-1388

W.O. No. E700027F; Federal Project No. BHLS-5006(209)

Bid Date: 8/5/2009

Council District: 3

Bids Received: 6

DETAILED RESULTS											
City Engineer's Estimate											
GRIFFITH COMPANY											
T.T. POLICH & ASSOCIATES, A JOINT VENTURE											
C. C. MEYERS, INC.											
BID ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
18	Prepare concrete bridge deck surface (including new deck)	SF	16,080	\$ 1.00	\$ 16,080.00	\$ 4.00	\$ 64,320.00	\$ 1.00	\$ 16,080.00	\$ 0.10	\$ 1,608.00
19	Type B Asphalt Concrete	TON	210	\$ 150.00	\$ 31,500.00	\$ 130.00	\$ 27,300.00	\$ 90.00	\$ 18,900.00	\$ 122.00	\$ 25,620.00
20	Core Concrete	LF	26	\$ 400.00	\$ 10,400.00	\$ 130.00	\$ 3,380.00	\$ 335.00	\$ 8,710.00	\$ 135.00	\$ 3,510.00
21	Joint Seal (Type B-MR=2")	LF	109	\$ 100.00	\$ 10,900.00	\$ 160.00	\$ 17,440.00	\$ 151.00	\$ 16,459.00	\$ 65.00	\$ 7,085.00
22	Work Area Monitoring (Lead Paint)	LS			\$20,000		\$ 10,000.00		\$ 10,000.00		\$ 30,000.00
23	Concrete Channel Lining (5,000 Psi)	CY	120	\$ 600.00	\$ 72,000.00	\$ 500.00	\$ 60,000.00	\$ 1,029.00	\$ 123,480.00	\$ 410.00	\$ 49,200.00
24	Bridge steel barrier railing (without concrete pilasters)	LF	382	\$ 801.00	\$ 305,982.00	\$ 820.00	\$ 313,240.00	\$ 200.00	\$ 76,400.00	\$ 1,490.00	\$ 569,180.00
25	Medallions (see GR 01299)	EA	28	\$ 500.00	\$ 14,000.00	\$ 1,000.00	\$ 28,000.00	\$ 869.00	\$ 24,332.00	\$ 625.00	\$ 17,500.00
26	Water Diversion in river channel (including shop drawings)	LS			\$ 10,000.00		\$ 30,000.00		\$ 100,000.00		\$ 33,400.00
27	AC pavement variable thickness on Tampa Ave and North County Access Road	TON	803	\$ 150.00	\$ 120,450.00	\$ 140.00	\$ 112,420.00	\$ 85.00	\$ 68,255.00	\$ 95.00	\$ 76,285.00
28	Type "C" integral curb and gutter, variable curb face height	LF	740	\$ 38.00	\$ 28,120.00	\$ 23.00	\$ 17,020.00	\$ 31.00	\$ 22,940.00	\$ 30.00	\$ 22,200.00
29	Concrete gutter (b=8"), sidewalk (t=3") and driveway (t=6")	SF	9,500	\$ 15.00	\$ 142,500.00	\$ 4.50	\$ 42,750.00	\$ 9.00	\$ 85,500.00	\$ 6.00	\$ 57,000.00
30	Crushed Aggregate Base (CAB)	CY	400	\$ 43.00	\$ 17,200.00	\$ 55.00	\$ 22,000.00	\$ 246.00	\$ 98,400.00	\$ 180.00	\$ 72,000.00
31	Chain Link Fence (CLF)	LF	120	\$ 34.00	\$ 4,080.00	\$ 45.00	\$ 5,400.00	\$ 35.00	\$ 4,200.00	\$ 10.00	\$ 1,200.00
32	Remove existing gates	EA	3	\$ 450.00	\$ 1,350.00	\$ 350.00	\$ 1,050.00	\$ 1,000.00	\$ 3,000.00	\$ 275.00	\$ 825.00
33	6' High Dual Gate	EA	2	\$ 2,600.00	\$ 5,200.00	\$ 2,500.00	\$ 5,000.00	\$ 2,000.00	\$ 4,000.00	\$ 1,648.00	\$ 3,296.00
34	Curb opening catch basin, W=28', V=7.6'	EA	1	\$ 15,000.00	\$ 15,000.00	\$ 18,300.00	\$ 18,300.00	\$ 20,432.00	\$ 20,432.00	\$ 13,400.00	\$ 13,400.00
35	Curb opening catch basin, W=28', modified V=6.23'	EA	1	\$ 15,000.00	\$ 15,000.00	\$ 17,900.00	\$ 17,900.00	\$ 20,432.00	\$ 20,432.00	\$ 12,800.00	\$ 12,800.00
36	Curb opening catch basin, W=21', V=7.6'	EA	1	\$ 12,000.00	\$ 12,000.00	\$ 14,600.00	\$ 14,600.00	\$ 15,324.00	\$ 15,324.00	\$ 10,650.00	\$ 10,650.00

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



TAMPA AVENUE BRIDGE OVER LOS ANGELES RIVER AND BIKEWAY UNDERPASS BRIDGE NO. 53C-1335

W.O. No. E700023F & E700308F; Federal Project No. BHLS-5006(184)

WINNETKA AVENUE BRIDGE OVER LOS ANGELES RIVER BRIDGE No. 53C-1388

W.O. No. E700027F; Federal Project No. BHLS-5006(209)

Bid Date: 8/5/2009

Council District: 3

Bids Received: 6

DETAILED RESULTS											
BID ITEM	DESCRIPTION	UNIT	QTY.	City Engineer's Estimate		GRIFFITH COMPANY		T.T. POLICH & ASSOCIATES, A JOINT VENTURE		C. C. MEYERS, INC.	
				UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
37	Curb opening catch basin, W=7', V=5.47'	EA	1	\$ 6,500.00	\$ 6,500.00	\$ 6,800.00	\$ 6,800.00	\$ 5,109.00	\$ 5,109.00	\$ 9,340.00	\$ 9,340.00
38	Concrete collar	EA	2	\$ 1,300.00	\$ 2,600.00	\$ 770.00	\$ 1,540.00	\$ 1,000.00	\$ 2,000.00	\$ 500.00	\$ 1,000.00
39	Reinforced Concrete Pipe (RCP) 48" (1,000D)	LF	12	\$ 900.00	\$ 10,800.00	\$ 720.00	\$ 8,640.00	\$ 437.00	\$ 5,244.00	\$ 90.00	\$ 1,080.00
40	RCP 24" (1,250D)	LF	20	\$ 250.00	\$ 5,000.00	\$ 392.00	\$ 7,840.00	\$ 124.00	\$ 2,480.00	\$ 45.00	\$ 900.00
41	Compacted Backfill (with imported soil)	CY	105	\$ 180.00	\$ 18,900.00	\$ 145.00	\$ 15,225.00	\$ 34.00	\$ 3,570.00	\$ 40.00	\$ 4,200.00
42	Remove AC pavement (t=8" min).	SF	692	\$ 4.00	\$ 2,768.00	\$ 4.00	\$ 2,768.00	\$ 2.35	\$ 1,626.20	\$ 35.00	\$ 24,220.00
43	Cold Plane AC pavement	SF	24,500	\$ 2.50	\$ 61,250.00	\$ 0.50	\$ 12,250.00	\$ 0.85	\$ 20,825.00	\$ 0.55	\$ 13,475.00
44	Remove Type A Concrete Curb	LF	416	\$ 7.00	\$ 2,912.00	\$ 6.00	\$ 2,496.00	\$ 4.00	\$ 1,664.00	\$ 7.00	\$ 2,912.00
45	Remove Concrete curb & gutter, (a=2', b=8")	LF	605	\$ 10.00	\$ 6,050.00	\$ 6.00	\$ 3,630.00	\$ 5.00	\$ 3,025.00	\$ 16.00	\$ 9,680.00
46	Remove concrete gutter (b=8")	SF	7,660	\$ 4.00	\$ 30,640.00	\$ 6.00	\$ 45,960.00	\$ 1.50	\$ 11,490.00	\$ 2.00	\$ 15,320.00
47	Remove driveway, t=6"	SF	237	\$ 7.00	\$ 1,659.00	\$ 6.00	\$ 1,422.00	\$ 1.50	\$ 355.50	\$ 6.00	\$ 1,422.00
48	Remove catch basin, W=49'	EA	1	\$ 5,000.00	\$ 5,000.00	\$ 1,650.00	\$ 1,650.00	\$ 5,687.00	\$ 5,687.00	\$ 650.00	\$ 650.00
49	Remove catch basin, W=21'	EA	1	\$ 2,000.00	\$ 2,000.00	\$ 1,650.00	\$ 1,650.00	\$ 5,687.00	\$ 5,687.00	\$ 650.00	\$ 650.00
50	Remove catch basin, W=7'	EA	1	\$ 1,000.00	\$ 1,000.00	\$ 1,650.00	\$ 1,650.00	\$ 2,844.00	\$ 2,844.00	\$ 650.00	\$ 650.00
51	Remove 48" RCP	LF	10	\$ 150.00	\$ 1,500.00	\$ 40.00	\$ 400.00	\$ 1.00	\$ 10.00	\$ 280.00	\$ 2,800.00
52	Remove 24" RCP	LF	16	\$ 100.00	\$ 1,600.00	\$ 35.00	\$ 560.00	\$ 50.00	\$ 800.00	\$ 275.00	\$ 4,400.00
53	Remove Chain Link Fence	LF	135	\$ 10.00	\$ 1,350.00	\$ 20.00	\$ 2,700.00	\$ 25.00	\$ 3,375.00	\$ 6.25	\$ 843.75

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



TAMPA AVENUE BRIDGE OVER LOS ANGELES RIVER AND BIKEWAY UNDERPASS BRIDGE NO. 53C-1335

W.O. No. E700023F & E700308F; Federal Project No. BHLS-5006(184)

WINNETKA AVENUE BRIDGE OVER LOS ANGELES RIVER BRIDGE No. 53C-1388

W.O. No. E700027F; Federal Project No. BHLS-5006(209)

Bid Date: 8/5/2009

Council District: 3

Bids Received: 6

DETAILED RESULTS											
City Engineer's Estimate											
GRIFFITH COMPANY											
T.T. POLICH & ASSOCIATES, A JOINT VENTURE											
C. C. MEYERS, INC.											
BID ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
54	Excavation (access roads)	CY	211	\$ 70.00	\$ 14,770.00	\$ 20.00	\$ 4,220.00	\$ 20.00	\$ 4,220.00	\$ 35.00	\$ 7,385.00
55	Adjust Sanitary Sewer Manhole	EA	5	\$ 1,200.00	\$ 6,000.00	\$ 110.00	\$ 550.00	\$ 1,500.00	\$ 7,500.00	\$ 750.00	\$ 3,750.00
56	Allowance for Provisions for DWP relocation of water valves and Fire Hydrant (see GR 01212)	LS			\$ 23,360.00		\$ 23,360.00		\$ 23,360.00		\$ 23,360.00
57	Allowance for Provisions for DWP relocation of power utilities (see GR 01212)	LS			\$ 68,500.00		\$ 68,500.00		\$ 68,500.00		\$ 68,500.00
58	Relocate Gas Valve	LS			\$ 850.00		\$ 5,000.00		\$ 600.00		\$ 7,500.00
59	Traffic Control (Per Sheets C8 to C10) incl. permanent pavement delineation, signage, removals of all exist. or temporary signs.	LS			\$ 28,000.00		\$ 60,000.00		\$ 100,000.00		\$ 188,000.00
60	Final Restoration (Per Sheet C11)	LS			\$ 10,000.00		\$ 9,500.00		\$ 10,000.00		\$ 12,000.00
61	Remove, relocate, and install street lighting items per approved Bureau of Street Lighting (BSL) street lighting plan, including street lighting pull boxes	LS			\$ 142,600.00		\$ 120,000.00		\$ 100,000.00		\$ 115,000.00
62	Street Signage	EA	2	\$ 3,000.00	\$ 6,000.00	\$ 3,000.00	\$ 6,000.00	\$ 500.00	\$ 1,000.00	\$ 500.00	\$ 1,000.00
63	3" Ductile Iron water line in Tampa Ave	LF	400	\$ 100.00	\$ 40,000.00	\$ 117.00	\$ 46,800.00	\$ 25.00	\$ 10,000.00	\$ 35.00	\$ 14,000.00
64	Allowance for Provisions for construction survey (per GR 01212)	LS			\$ 40,000.00		\$ 40,000.00		\$ 40,000.00		\$ 40,000.00
TAMPA RSTP & METRO Participating (Bikeway Underpass)											
65	Clearing and Grubbing	LS			\$ 10,000.00		\$ 15,000.00		\$ 58,300.00		\$ 16,300.00
66	Remove Variable Thickness (12"-18") Concrete Slab Bank	SF	13,350	\$ 4.00	\$ 53,400.00	\$ 10.00	\$ 133,500.00	\$ 2.85	\$ 38,047.50	\$ 2.00	\$ 26,700.00
67	Unclassified Excavation	CY	250	\$ 12.00	\$ 3,000.00	\$ 13.00	\$ 3,250.00	\$ 33.00	\$ 8,250.00	\$ 140.00	\$ 35,000.00
68	Unclassified Fill	CY	1,000	\$ 35.00	\$ 35,000.00	\$ 13.00	\$ 13,000.00	\$ 8.31	\$ 8,310.00	\$ 31.00	\$ 31,000.00

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



TAMPA AVENUE BRIDGE OVER LOS ANGELES RIVER AND BIKEWAY UNDERPASS BRIDGE NO. 53C-1335

W.O. No. E700023F & E700308F; Federal Project No. BHLS-5006(184)

WINNETKA AVENUE BRIDGE OVER LOS ANGELES RIVER BRIDGE No. 53C-1388

W.O. No. E700027F; Federal Project No. BHLS-5006(209)

Bid Date: 8/5/2009

Council District: 3

Bids Received: 6

DETAILED RESULTS											
City Engineer's Estimate											
GRIFFITH COMPANY											
T.T. POLICH & ASSOCIATES, A JOINT VENTURE											
C. C. MEYERS, INC.											
BID ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
69	4" Crushed Miscellaneous Base	SF	10,525	\$ 0.40	\$ 4,210.00	\$ 3.00	\$ 31,575.00	\$ 2.90	\$ 30,522.50	\$ 1.50	\$ 15,787.50
70	Shoring for Excavation (including design and shop drawings)	LS			\$ 25,000.00		\$ 80,000.00		\$ 1.00		\$ 1.00
71	Allowance for Provisions for retaining wall and Bikeway slab - shop drawings and detailing (per GR 01212)	LS			\$ 15,000.00		\$ 15,000.00		\$ 15,000.00		\$ 15,000.00
72	Reinforced Concrete Retaining Wall and Bikeway slab (including structure excavation, backfill and footing)	LS			\$ 443,000.00		\$ 350,000.00		\$ 563,200.00		\$ 620,000.00
73	5' High Collapsible Fence	LF	1,160	\$ 36.00	\$ 41,760.00	\$ 30.50	\$ 35,380.00	\$ 20.00	\$ 23,200.00	\$ 28.00	\$ 32,480.00
74	Temporary Barricades	EA	10	\$ 150.00	\$ 1,500.00	\$ 600.00	\$ 6,000.00	\$ 100.00	\$ 1,000.00	\$ 75.00	\$ 750.00
75	Protect Drainage Structure in place	EA	1	\$ 3,000.00	\$ 3,000.00	\$ 2,000.00	\$ 2,000.00	\$ 1,000.00	\$ 1,000.00	\$ 250.00	\$ 250.00
76	Anti-slip steel plate for bikeway	SF	260	\$ 10.00	\$ 2,600.00	\$ 40.00	\$ 10,400.00	\$ 68.00	\$ 17,680.00	\$ 34.00	\$ 8,840.00
77	Underpass lighting (without poles and fixtures)	LS			\$ 80,000.00		\$ 30,000.00		\$ 80,000.00		\$ 36,600.00
WINNETKA Highway Bridge Program (HBP) - Participating (Bridge & Roadway Widening)											
78	Mobilization (For HBP Participating Work) See GR 01292	LS			\$ 320,000.00		\$ 320,000.00		\$ 320,000.00		\$ 320,000.00
79	Modified Class B Field Office	LS			\$ 50,000.00		\$ 25,000.00		\$ 50,000.00		\$ 20,000.00
80	Structure Bridge (Partial) Removal (retaining walls, pier nose, bridge deck slab at center pier and longitudinal closure pour, top part of the existing piles, bridge sidewalk and railings, and all other removal work required).	LS			\$ 50,000.00		\$ 50,000.00		\$ 250,000.00		\$ 56,000.00
81	Structure Excavation (Bridge)	CY	319	\$ 125.00	\$ 39,875.00	\$ 50.00	\$ 15,950.00	\$ 100.00	\$ 31,900.00	\$ 47.00	\$ 14,993.00
82	Shoring for Excavation (including design and shop drawings)	LS			\$ 100,000.00		\$ 70,000.00		\$ 131,000.00		\$ 86,900.00
83	Structure Backfill (Bridge)	CY	242	\$ 100.00	\$ 24,200.00	\$ 120.00	\$ 29,040.00	\$ 155.00	\$ 37,510.00	\$ 115.00	\$ 27,830.00
84	Furnish Steel Piles (HP 14x89)	LF	3,750	\$ 95.00	\$ 356,250.00	\$ 14.00	\$ 52,500.00	\$ 32.00	\$ 120,000.00	\$ 40.00	\$ 150,000.00

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



TAMPA AVENUE BRIDGE OVER LOS ANGELES RIVER AND BIKEWAY UNDERPASS BRIDGE NO. 53C-1335

W.O. No. E700023F & E700308F; Federal Project No. BHLS-5006(184)

WINNETKA AVENUE BRIDGE OVER LOS ANGELES RIVER BRIDGE No. 53C-1388

W.O. No. E700027F; Federal Project No. BHLS-5006(209)

Bid Date: 8/5/2009

Council District: 3

Bids Received: 6

DETAILED RESULTS											
City Engineer's Estimate											
GRIFFITH COMPANY											
T.T. POLICH & ASSOCIATES, A JOINT VENTURE											
C. C. MEYERS, INC.											
BID ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
85	Drive Steel Piles (HP 14x89)	EA	50	\$ 2,000.00	\$ 100,000.00	\$ 6,000.00	\$ 300,000.00	\$ 3,000.00	\$ 150,000.00	\$ 3,760.00	\$ 188,000.00
86	Structural Concrete (footings, piers, abutments, beams, wingwalls, deck and barriers)	CY	900	\$ 900.00	\$ 810,000.00	\$ 1,000.00	\$ 900,000.00	\$ 934.00	\$ 840,600.00	\$ 1,323.00	\$ 1,190,700.00
87	Structural Concrete (approach slab, sidewalk on bridge, rail pilasters)	CY	200	\$ 800.00	\$ 160,000.00	\$ 750.00	\$ 150,000.00	\$ 820.00	\$ 164,000.00	\$ 550.00	\$ 110,000.00
88	Anti-Graffiti Coating (railing pilasters, wingwalls, fascia of outside girders)	LS			\$ 10,000.00		\$ 30,000.00		\$ 20,000.00		\$ 15,000.00
89	Drill and Bond Dowel	LF	700	\$ 20.00	\$ 14,000.00	\$ 25.00	\$ 17,500.00	\$ 31.00	\$ 21,700.00	\$ 40.00	\$ 28,000.00
90	6 ft. diam. CIDH Concrete Piles	LF	820	\$ 500.00	\$ 410,000.00	\$ 700.00	\$ 574,000.00	\$ 930.00	\$ 762,600.00	\$ 370.00	\$ 303,400.00
91	Furnish Precast Prestressed Concrete Girders	EA	12	\$ 28,000.00	\$ 336,000.00	\$ 13,000.00	\$ 156,000.00	\$ 17,000.00	\$ 204,000.00	\$ 9,796.00	\$ 117,552.00
92	Erect Precast Prestressed Concrete Girders	EA	12	\$ 5,000.00	\$ 60,000.00	\$ 2,000.00	\$ 24,000.00	\$ 4,190.00	\$ 50,280.00	\$ 2,670.00	\$ 32,040.00
93	Temporary Traffic Control (TC) for AC replacement (including TC plans)	LS			\$29,971		\$ 10,000.00		\$ 6,500.00		\$ 2,500.00
94	Remove variable thickness AC surfacing (existing deck)	SF	10,050	\$ 2.00	\$ 20,100.00	\$ 4.00	\$ 40,200.00	\$ 0.85	\$ 8,542.50	\$ 1.45	\$ 14,572.50
95	Prepare concrete bridge deck surface (incl. new deck)	SF	16,080	\$ 1.00	\$ 16,080.00	\$ 0.50	\$ 8,040.00	\$ 1.00	\$ 16,080.00	\$ 0.10	\$ 1,608.00
96	AC pavement (entire bridge)	SF	16,080	\$ 4.00	\$ 64,320.00	\$ 5.00	\$ 80,400.00	\$ 1.10	\$ 17,688.00	\$ 2.35	\$ 37,788.00
97	Core Concrete	LF	30	\$ 400.00	\$ 12,000.00	\$ 130.00	\$ 3,900.00	\$ 270.00	\$ 8,100.00	\$ 100.00	\$ 3,000.00
98	Joint Seal (Type B-MR=2") including water stop	LF	220	\$ 100.00	\$ 22,000.00	\$ 150.00	\$ 33,000.00	\$ 75.00	\$ 16,500.00	\$ 65.00	\$ 14,300.00
99	Concrete Channel Lining (5,000 Psi)	CY	120	\$ 600.00	\$ 72,000.00	\$ 345.00	\$ 41,400.00	\$ 350.00	\$ 42,000.00	\$ 410.00	\$ 49,200.00
100	Bridge steel barrier railing	LF	400	\$ 300.00	\$ 120,000.00	\$ 190.00	\$ 76,000.00	\$ 157.50	\$ 63,000.00	\$ 382.00	\$ 152,800.00
101	Medallions (see Technical Specs and GR1299)	EA	8	\$ 1,875.00	\$ 15,000.00	\$ 1,000.00	\$ 8,000.00	\$ 2,080.00	\$ 16,640.00	\$ 2,350.00	\$ 18,800.00
102	Water Diversion in river channel (including shop drawings)	LS			\$ 10,000.00		\$ 35,000.00		\$ 100,000.00		\$ 25,000.00
103	Construct 10.5" AC over Compact Native	TON	300	\$ 165.00	\$ 49,500.00	\$ 150.00	\$ 45,000.00	\$ 119.00	\$ 35,700.00	\$ 140.00	\$ 42,000.00
104	Construct Variable Thickness AC Overlay	TON	400	\$ 165.00	\$ 66,000.00	150	\$ 60,000.00	\$ 90.00	\$ 36,000.00	\$ 97.00	\$ 38,800.00

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



TAMPA AVENUE BRIDGE OVER LOS ANGELES RIVER AND BIKEWAY UNDERPASS BRIDGE NO. 53C-1335

W.O. No. E700023F & E700308F; Federal Project No. BHLS-5006(184)

WINNETKA AVENUE BRIDGE OVER LOS ANGELES RIVER BRIDGE No. 53C-1388

W.O. No. E700027F; Federal Project No. BHLS-5006(209)

Bid Date: 8/5/2009

Council District: 3

Bids Received: 6

DETAILED RESULTS		City Engineer's Estimate				GRIFFITH COMPANY		T.T. POLICH & ASSOCIATES, A JOINT VENTURE		C. C. MEYERS, INC.	
BID ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
105	Construct 2" AC Over Compacted Native	TON	30	\$ 165.00	\$ 4,950.00	\$ 140.00	\$ 4,200.00	\$ 269.00	\$ 8,070.00	\$ 360.00	\$ 10,800.00
106	Crushed Aggregate Base (CAB)	CY	400	\$ 43.00	\$ 17,200.00	\$ 52.00	\$ 20,800.00	\$ 1.00	\$ 400.00	\$ 130.00	\$ 52,000.00
107	Remove existing Chain Link Fence and Wood Fence	LS			\$ 2,000.00		\$ 3,500.00		\$ 1,590.00		\$ 2,145.00
108	Remove existing gates	EA	3	\$ 450.00	\$ 1,350.00	\$ 350.00	\$ 1,050.00	\$ 1,000.00	\$ 3,000.00	\$ 275.00	\$ 825.00
109	Construct wrought iron fence and block planter wall	LS			\$ 2,019.00		\$ 15,000.00		\$ 3,450.00		\$ 7,740.00
110	New Chain Link Fence, New Gate and New End Post at Wingwall	LS			\$ 5,000.00		\$ 6,000.00		\$ 6,450.00		\$ 4,950.00
111	Remove Type C Integral Curb and Gutter	LF	300	\$ 10.00	\$ 3,000.00	\$ 6.00	\$ 1,800.00	\$ 5.00	\$ 1,500.00	\$ 7.00	\$ 2,100.00
112	New Type C Integral Curb and Gutter	LF	900	\$ 50.00	\$ 45,000.00	\$ 20.50	\$ 18,450.00	\$ 33.00	\$ 29,700.00	\$ 30.00	\$ 27,000.00
113	Remove Concrete Sidewalk at Street and Concrete Driveway	LS			\$ 2,500.00		\$ 4,000.00		\$ 1,800.00		\$ 9,420.00
114	New Concrete Street Sidewalk and Concrete Driveway	CY	80	\$ 900.00	\$ 72,000.00	\$ 225.00	\$ 18,000.00	\$ 11.50	\$ 920.00	\$ 400.00	\$ 32,000.00
115	AT & T conduit duct steel support, including concrete openings in abutments and center piers	LS			\$ 2,000.00		\$ 14,000.00		\$ 1.00		\$ 26,500.00
116	Traffic Control (per Sheets 25 to 27) incl. permanent pavement delineation, signage, removals of all exist. or temporary signs.	LS			\$ 80,000.00		\$ 125,000.00		\$ 100,000.00		\$ 280,000.00
117	Remove, relocate, and install street lighting items per approved BSL street lighting plan, incl. street lighting pull boxes	LS			\$ 160,000.00		\$ 85,000.00		\$ 100,000.00		\$ 79,000.00
118	Existing Bridge Modifications (per Sheets 23 to 27) including Bridge Jacking	LS			\$ 250,000.00		\$ 17,100.00		\$ 272,000.00		\$ 130,000.00
119	Cleaning and Grubbing	LS			\$ 2,000.00		\$ 15,000.00		\$ 50,000.00		\$ 16,400.00
120	LA DOT Signal Conduit in sidewalk and pull boxes per LA DOT requirement	LS			\$ 3,000.00		\$ 6,800.00		\$ 14,000.00		\$ 6,700.00

