

- 2) Los Angeles Department of Water and Power (LADWP) do not have bid data of similar projects or scope.
- 3) Modular Wetland System (MWS) units and StormTrap units are Low Impact Development (LID) system and they are recent requirements for sustainability.
- 4) Landscaping with similar scope had few lump sum bid items as compare to list of bid items included in this project. Hence, no comparison data available for similar landscaping bid items.

Bid prices were established with the following assumptions:

- 1) Consumer Price Index data was obtained from the California Department of Finance for inflation rates.
- 2) Inflation rates were prorated for the remaining year of the bids receipt.

We have analyzed the bids comparison data and found the following:

- 1) There are 18 bid items that are "Low" or lower than the comparison.
- 2) There are 33 bid items that are "High" or higher than the comparison.
- 3) The remaining bid items are identified as "Same" or same due to lack of comparison data.
- 4) "Low" bid items were much lower than the "High" bid items were high.
- 5) Summation of all positive and negative percentages on all individual bid items is negative 3,420%.

Some bid items were much higher or lower for no apparent reason. One explanation could be that in the competitive bidding environment, as part of the bidding strategy, the contractor may bid higher or lower on a particular bid item that may have potential for quantity increases due to the nature of the items so the contractor can benefit more when a change order is issued. Other factors could also affect the bid prices such as competition and the state of economy at the time of bidding.

You may direct any questions to Ramnik Mungra at (213) 485-4526 or e-mail at Ramnik.Mungra@lacity.org.

Very truly yours,

/S/

STEVEN J. CHEN,
Division Engineer
Street and Stormwater Division
Bureau of Engineering (BOE)
City of Los Angeles

Attachments:

FHWA Memorandum date July 6, 2017
Bid Comparison Table
LADWP e-mails
Bids of eight (8) projects
Construction Cost Index Table and supporting documents

Cc: Ramin Kianfar, Housing Authority of Los Angeles
Gene Edwards, BOE/Street



Memorandum

Subject: **ACTION:** Century Boulevard Extension Project in
The City of Los Angeles, California
FHWA / HUD Livability Initiative Under
Special Experimental Project No. 14 (SEP- 14)

Date: July 6/2017

From: /S/ Peter J. Stephanos
Director, Office of Program Administration

In Reply Refer To:
HIPA-30

To: Vincent P. Mammano
Division Administrator
Sacramento, CA

This memorandum is in reference to May 24 and June 13, 2017 emails from Omar Elkassed on your staff, which transmitted an SEP-14 workplan and other informational documents regarding the subject project.

This SEP-14 workplan is approved pursuant to a June 25, 2010 Federal Register Notice titled: "Livability Initiative Under Special Experimental Project No. 14."

Thank you for working with our staff to answer our questions and provide the necessary information for this approval. If you have any questions, please contact the following: Gerald Yakowenko at Gerald.Yakowenko@dot.gov or (202)366-1562, or John Huyer at John.Huyer@dot.gov or (651)291-6111.

LA	Ramnik Mungra <ramnik.mungra@lacity.org>
oGEECS	

RE: Century Blvd Extension: Water and Undergrounding Power

1 message

Chan, Kin Man <kent.chan@ladwp.com>

Wed, Aug 16, 2017 at 4:49 PM

To: Ramnik Mungra <ramnik.mungra@lacity.org>, "Jones, William I." <William.Jones@ladwp.com> Hi

Ramnik,

As discussed previously, DWP does not bid out our underground work, all work is done either by the customer's contractors or by our own crews. There are no estimates available for bids to construct conduit.

Thanks, Kent

From: Ramnik Mungra [mailto:ramnik.mungra@lacity.org]

Sent: Monday, August 14, 2017 3:23 PM

To: Jones, William

Cc: Chan, Kin Man

Subject: Century Blvd Extension: Water and Undergrounding Power

Hi Kent/William,

Is it possible to e mail me bid prices for similar projects for Water System and for Undergrounding Power systems? I need these bid prices for bid comparison to demonstrate to the Fed that the Section 3 requirements for the geographical preference for hiring really did not impact the bid prices.

Please let me know if you have any questions.

Thanks,

Ramnik D. Mungra; P.E., ENV SP
Street Improvement and Stormwater Division | Project Manager
Bureau of Engineering | Department of Public Works
1149 S. Broadway, Suite 810
Los Angeles, CA 90015 2213
O: (213) 485.4526 IF: (213) 485 - 4839

ENGINEERING



8/17/2017



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Ramnik Mungra <ramnik.mungra@lacity.org>

RE: Century Blvd Extension: Water and Undergrounding Power

Olmos, Gerardo <Gerardo.Olmos@ladwp.com>

Mon, Aug 21, 2017 at 2:07 PM

To: Ramnik Mungra <ramnik.mungra@lacity.org>

Cc: "Jones, William I." <William.Jones@ladwp.com>, Gene Edwards <Gene.Edwards@lacity.org>, "Bautista, Alvin"

<Alvin.Bautista@ladwp.com>, "Ramos, Luisito" <Luisito.Ramos@ladwp.com>, "Gardiner, Denise"

<Denise.Gardiner@ladwp.com>, "Rubio, Ofelia" <Ofelia.RUBIO@ladwp.com>, "Gonzalez, Flordeliza"

<Flordeliza.Gonzalez@ladwp.com> Hello

Ramnik,

We don't collect or have access to costs associated with developer installed projects. The developers are only responsible to pay plan check and inspection fees (these are not construction costs). I believe Luis Ramos gave you some Harbor District costs. Is this correct Luis?

Thanks,

GERARDO OLMOS, P.E.

Los Angeles Department of Water and Power

Development, Plan Check and Inspection

(213) 367-3554

(213) 367-1168 Fax

www.ladwp.com gerardo.olmos@ladwp.com

From: Ramnik Mungra [mailto:ramnik.mungra@lacity.org]

Sent: Monday, August 21, 2017 1:27 PM

To: Olmos, Gerardo

Cc: Jones, William I.; Gene Edwards; Bautista, *Alvin*

Subject: Re: Century Blvd Extension: Water and Undergrounding Power

Hi Gerardo,

Please provide bid results of various water system projects to provide bid prices for comparison to demonstrate to Fed that the Section 3 requirements for the Geographical Preference hiring really did not impact the bid prices for Century Blvd Extension project. Please see e-mail below for *my* initial request. I have only end of this week to finalize and submit the report to Caltrans. As such, please provide the bid prices of similar Water System Improvement projects right away.

8/21/2017

City of Los Angeles Mail - RE: Century Blvd Extension: Water and Undergrounding Power

If *you* have *any* questions, please let me know. Thanks,

Ramnik D. Mungra, P.E., ENV SP

Street Improvement and Stormwater Division | Project Manager

Bureau of Engineering | Department of Public Works

1149 S. Broadway, Suite 810

Los Angeles, CA 90015-2213

O: (213) 485 - 4526 | F: (213) 485 - 4839



On Wed, Aug 16, 2017 at 6:38 AM, Ramnik Mungra <ramnik.mungra@lacity.org> wrote: Hi Gerardo,

I need DWP-Water System improvement bid prices for DWP projects for bid comparison to demonstrate to Fed that the Section 3 requirements for the geographical hiring preference did not impact the bid prices. Could you please e-mail me few bid results (3 to 4) of similar DWP projects? I would really appreciate your assistance.

If you have any questions, please let me know. Thanks,

Ramnik D. Mungra, P.E., ENV SP

Street Improvement and Stormwater Division | Project Manager Bureau of

Engineering | Department of Public Works

1149 S. Broadway, Suite 810

Los Angeles, CA 90015-2213

O: (213) 485 - 4526 | F: (213) 485 - 4839



8/21/2017 City of Los Angeles Mail - RE: Century Blvd Extension: water and Undergrounding Power

-Forwarded message -----

From: **Jones, William I.** <William.Jones@ladwp.com> Date: Tue, Aug 15, 2017 at 4: 11 PM
Subject: RE: Century Blvd Extension: Water and Undergrounding Power To: Ramnik Mungra <ramnik.mungra@lacity.org>
Cc: "Chan, Kin Man" <kent.chan@ladwp.com>

Ramnik,

I'm not even sure who to ask for this information. You may want to contact Gerardo about this. Thanks.

From: Ramnik Mungra [mailto:ramnik.mungra@lacity.org]
Sent: Monday, August 14, 2017 3:23 PM
To: Jones, William I.
Cc: Chan, Kin Man
Subject: Century Blvd Extension: Water and Undergrounding Power

Hi Kent/William,

Is it possible to e-mail me bid prices for similar projects for Water System and for Undergrounding Power systems? I need these bid prices for bid comparison to demonstrate to the Fed that the Section 3 requirements for the geographical preference for hiring really did not impact the bid prices.

Please let me know if you have any questions.

Thanks,

Ramnik D. Mungra, P.E., ENV SP

Street Improvement and Stormwater Division | Project Manager Bureau of

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1149 S. Broadway, Suite 810 Los Angeles, CA

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



ARBOR VITAE STREET WIDENING - LA CIENEGA BOULEVARD TO AIRPORT BOULEVARD

W.O. No. E6000885

Bid Date: March 11, 2009

Council District: 11

Bids Received: 5

Bid Date: March 2009

DETAILED RESULTS				City Engineer's Estimate		PALP, INC. DBA EXCEL PAVING COMPANY		ALL-AMERICAM ASPHALT		SULLY-MILLER CONTRACTING COMPANY	
ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
1	Mobilization.	LS			\$ 150,000.00		\$ 75,000.00		\$ 150,000.00		\$ 111,800.00
2	Modified Class "B" Field Office.	LS			\$ 50,000.00		\$ 29,000.00		\$ 30,000.00		\$ 50,000.00
3	Traffic and Pedestrian Requirements (Including Traffic Mitigation and Traffic and Pedestrian Control Plan and Signage).	LS			\$ 200,000.00		\$ 17,000.00		\$ 57,511.52		\$ 200,000.00
4	Advance Construction Notice Sign - Type II(Standard Plan S-791-1).	EA	2	\$ 1,500.00	\$ 3,000.00	\$ 1,500.00	\$ 3,000.00	\$ 1,200.00	\$ 2,400.00	\$ 700.00	\$ 1,400.00
	STREETS - SHEETS 2, 4, 5, 6, and 7.										
5	Remove Asphalt Concrete Pavement (t=3").	SF	5,499	\$ 2.00	\$ 10,998.00	\$ 0.45	\$ 2,474.55	\$ 0.65	\$ 3,574.35	\$ 1.00	\$ 5,499.00
6	Remove Asphalt Concrete Pavement (t=7").	SF	18,456	\$ 4.00	\$ 73,824.00	\$ 1.00	\$ 18,456.00	\$ 1.50	\$ 27,684.00	\$ 1.50	\$ 27,684.00
7	Remove Asphalt Concrete Pavement (t=8").	SF	7,536	\$ 4.25	\$ 32,028.00	\$ 1.20	\$ 9,043.20	\$ 1.70	\$ 12,811.20	\$ 3.00	\$ 22,608.00
8	Remove AC Pavement by Cold Planning (2" thick min.).	SF	31,288	\$ 0.75	\$ 23,466.00	\$ 0.55	\$ 17,208.40	\$ 0.69	\$ 21,588.72	\$ 0.60	\$ 18,772.80
9	Remove Concrete Sidewalk, including concrete access ramps t=3").	SF	25,444	\$ 2.25	\$ 57,249.00	\$ 0.45	\$ 11,449.80	\$ 0.91	\$ 23,154.04	\$ 0.85	\$ 21,627.40
10	Remove Concrete Bus Pad (t=8").	SF	360	\$ 5.00	\$ 1,800.00	\$ 1.25	\$ 450.00	\$ 3.00	\$ 1,080.00	\$ 1.40	\$ 504.00
11	Remove Curb Drain (dia=4").	LF	24	\$ 15.00	\$ 360.00	\$ 2.00	\$ 48.00	\$ 27.00	\$ 648.00	\$ 30.00	\$ 720.00
12	Remove Sidewalk Culvert.	EA	1	\$ 700.00	\$ 700.00	\$ 250.00	\$ 250.00	\$ 1,400.00	\$ 1,400.00	\$ 500.00	\$ 500.00

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



ARBOR VITAE STREET WIDENING - LA CIENEGA BOULEVARD TO AIRPORT BOULEVARD

W.O. No. E6000885

Bid Date: March 11, 2009

Council District: 11

Bids Received: 5

DETAILED RESULTS				City Engineer's Estimate		PALP, INC. DBA EXCEL PAVING COMPANY		ALL AMERICAN ASPHALT		SULLY-MILLER CONTRACTING COMPANY	
ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
13	Remove Concrete Integral Curb and Gutter (a=2').	LF	3,764	\$ 9.00	\$ 33,876.00	\$ 3.25	\$ 12,233.00	\$ 7.50	\$ 28,230.00	\$ 6.00	\$ 22,584.00
14	Remove Concrete Integral Curb and Gutter (a=1.5').	LF	71	\$ 8.00	\$ 568.00	\$ 3.25	\$ 230.75	\$ 7.00	\$ 497.00	\$ 5.00	\$ 355.00
15	Remove Concrete Integral Curb and Gutter (a=1.25').	LF	28	\$ 8.00	\$ 224.00	\$ 3.25	\$ 91.00	\$ 7.00	\$ 196.00	\$ 5.00	\$ 140.00
16	Remove Concrete Integral Curb and Gutter (a=1').	LF	94	\$ 8.00	\$ 752.00	\$ 3.50	\$ 329.00	\$ 6.00	\$ 564.00	\$ 4.50	\$ 423.00
17	Remove Concrete Intersection Gutter (t=8").	SF	1,226	\$ 5.00	\$ 6,130.00	\$ 1.25	\$ 1,532.50	\$ 2.50	\$ 3,065.00	\$ 2.00	\$ 2,452.00
18	Remove 6" Concrete Driveway.	SF	4,008	\$ 2.75	\$ 11,022.00	\$ 1.00	\$ 4,008.00	\$ 1.80	\$ 7,214.40	\$ 1.70	\$ 6,813.60
19	Remove Trees.	EA	11	\$ 1,100.00	\$ 12,100.00	\$ 950.00	\$ 10,450.00	\$ 915.00	\$ 10,065.00	\$ 850.00	\$ 9,350.00
20	Remove Catch Basin (W=7').	EA	3	\$ 2,500.00	\$ 7,500.00	\$ 300.00	\$ 900.00	\$ 1,700.00	\$ 5,100.00	\$ 2,100.00	\$ 6,300.00
21	Remove Catch Basin (W=21').	EA	1	\$ 7,000.00	\$ 7,000.00	\$ 500.00	\$ 500.00	\$ 2,700.00	\$ 2,700.00	\$ 4,300.00	\$ 4,300.00
22	Remove Guide Posts	EA	11	\$ 150.00	\$ 1,650.00	\$ 10.00	\$ 110.00	\$ 106.00	\$ 1,166.00	\$ 115.00	\$ 1,265.00
23	Remove 6' High Chainlink Fence With Barbed Wires.	LF	40	\$ 15.00	\$ 600.00	\$ 21.00	\$ 840.00	\$ 11.00	\$ 440.00	\$ 20.00	\$ 800.00
24	Remove 6' High Wrought Iron Fence	LF	30	\$ 25.00	\$ 750.00	\$ 28.00	\$ 840.00	\$ 12.00	\$ 360.00	\$ 27.00	\$ 810.00
25	Unclassified Excavation.	CY	2,912	\$ 100.00	\$ 291,200.00	\$ 24.00	\$ 69,888.00	\$ 60.00	\$ 174,720.00	\$ 45.00	\$ 131,040.00

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



ARBOR VITAE STREET WIDENING - LA CIENEGA BOULEVARD TO AIRPORT BOULEVARD

W.O. No. E6000885

Bid Date: March 11, 2009

Council District: 11

Bids Received: 5

DETAILED RESULTS				City Engineer's Estimate		PALP, INC. DBA EXCEL PAVING COMPANY		ALL AMERICAN ASPHALT		SULLY-MILLER CONTRACTING COMPANY	
ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
26	4" Crushed Miscellaneous Base.	SF	21,576	\$ 2.25	\$ 48,546.00	\$ 1.25	\$ 26,970.00	\$ 1.30	\$ 28,048.80	\$ 0.80	\$ 17,260.80
27	6" Crushed Miscellaneous Base.	SF	2,384	\$ 3.00	\$ 7,152.00	\$ 2.00	\$ 4,768.00	\$ 2.30	\$ 5,483.20	\$ 0.90	\$ 2,145.60
28	10" Crushed Miscellaneous Base.	SF	30,864	\$ 4.50	\$ 138,888.00	\$ 1.00	\$ 30,864.00	\$ 1.70	\$ 52,468.80	\$ 1.25	\$ 38,580.00
29	13" Crushed Miscellaneous Base.	SF	18,718	\$ 6.50	\$ 121,667.00	\$ 1.35	\$ 25,269.30	\$ 1.94	\$ 36,312.92	\$ 1.50	\$ 28,077.00
30	Asphalt Concrete Pavement (Including Variable Thickness).	TON	2,700	\$ 125.00	\$ 337,500.00	\$ 80.00	\$ 216,000.00	\$ 74.00	\$ 199,800.00	\$ 88.00	\$ 237,600.00
31	Concrete Intersection Gutter (t=8").	SF	1,425	\$ 15.00	\$ 21,375.00	\$ 7.40	\$ 10,545.00	\$ 9.00	\$ 12,825.00	\$ 10.50	\$ 14,962.50
32	Concrete Integral Curb and Gutter, Type "C" (a=2' to 1.5' and a=2' to 1.25', b=8").	LF	3,749	\$ 30.00	\$ 112,470.00	\$ 24.00	\$ 89,976.00	\$ 19.50	\$ 73,105.50	\$ 18.00	\$ 67,482.00
33	Concrete Integral Curb and Gutter, Type "C" (a=1.25', b=8").	LF	16	\$ 30.00	\$ 480.00	\$ 23.25	\$ 372.00	\$ 27.00	\$ 432.00	\$ 21.00	\$ 336.00
34	Concrete Integral Curb and Gutter, Type "C" (a=1' b=8").	LF	81	\$ 30.00	\$ 2,430.00	\$ 21.00	\$ 1,701.00	\$ 24.00	\$ 1,944.00	\$ 21.00	\$ 1,701.00
35	Concrete Curb , Type C (b=8").	LF	153	\$ 30.00	\$ 4,590.00	\$ 17.00	\$ 2,601.00	\$ 25.00	\$ 3,825.00	\$ 18.00	\$ 2,754.00
36	Concrete Bus Pad (t=8").	SF	2,250	\$ 10.00	\$ 22,500.00	\$ 6.50	\$ 14,625.00	\$ 7.20	\$ 16,200.00	\$ 8.00	\$ 18,000.00
37	Concrete Driveway (t=6").	SF	2,834	\$ 7.50	\$ 21,255.00	\$ 5.00	\$ 14,170.00	\$ 6.50	\$ 18,421.00	\$ 8.00	\$ 22,672.00
38	Concrete Sidewalk and access ramps (t=3"), including retaining curb at ramps.	SF	21,245	\$ 5.00	\$ 106,225.00	\$ 2.90	\$ 61,610.50	\$ 4.15	\$ 88,166.75	\$ 5.50	\$ 116,847.50

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



ARBOR VITAE STREET WIDENING - LA CIENEGA BOULEVARD TO AIRPORT BOULEVARD

W.O. No. E6000885

Bid Date: March 11, 2009

Council District: 11

Bids Received: 5

DETAILED RESULTS				City Engineer's Estimate		PALP, INC. DBA EXCEL PAVING COMPANY		ALL AMERICAN ASPHALT		SULLY-MILLER CONTRACTING COMPANY	
ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
39	6' High Chainlink Fence with Barbed Wires	LF	25	\$ 30.00	\$ 750.00	\$ 75.00	\$ 1,875.00	\$ 70.00	\$ 1,750.00	\$ 71.00	\$ 1,775.00
40	6' High Wrought Iron Fence per photo incl. in package.	LF	30	\$ 100.00	\$ 3,000.00	\$ 146.00	\$ 4,380.00	\$ 97.00	\$ 2,910.00	\$ 140.00	\$ 4,200.00
41	Curb Drain (dia=4").	LF	20	\$ 60.00	\$ 1,200.00	\$ 25.00	\$ 500.00	\$ 30.00	\$ 600.00	\$ 150.00	\$ 3,000.00
42	24" Box Street Tree.	EA	22	\$ 600.00	\$ 13,200.00	\$ 700.00	\$ 15,400.00	\$ 410.00	\$ 9,020.00	\$ 325.00	\$ 7,150.00
43	Tree Well Cover - Type A (S-450-2)	EA	22	\$ 350.00	\$ 7,700.00	\$ 525.00	\$ 11,550.00	\$ 180.00	\$ 3,960.00	\$ 175.00	\$ 3,850.00
44	Tree Well - Type 1 (S-456-1)	EA	22	\$ 400.00	\$ 8,800.00	\$ 155.00	\$ 3,410.00	\$ 57.00	\$ 1,254.00	\$ 300.00	\$ 6,600.00
45	Detectable Warning Surfaces at Curb Ramp per Caltrans Latest Standard.	EA	22	\$ 700.00	\$ 15,400.00	\$ 475.00	\$ 10,450.00	\$ 470.00	\$ 10,340.00	\$ 825.00	\$ 18,150.00
46	Adjust Maintenance Hole to Grade.	EA	3	\$ 1,250.00	\$ 3,750.00	\$ 2,000.00	\$ 6,000.00	\$ 600.00	\$ 1,800.00	\$ 1,600.00	\$ 4,800.00
STORM DRAINS - SHEETS 10, 11 and 12.											
47	18" Storm Drain Pipe (RCP), (2000-D), (Case 4 Bedding).	LF	6	\$ 500.00	\$ 3,000.00	\$ 115.00	\$ 690.00	\$ 120.00	\$ 720.00	\$ 500.00	\$ 3,000.00
48	Curb Opening Catch Basin, With 4 Gratings, W=21', (Including Monolithic Connection).	EA	1	\$ 24,000.00	\$ 24,000.00	\$ 11,000.00	\$ 11,000.00	\$ 10,000.00	\$ 10,000.00	\$ 14,000.00	\$ 14,000.00
49	Curb Opening Catch Basin, With 2 Gratings, W=7', (Including Monolithic Connection).	EA	2	\$ 8,000.00	\$ 16,000.00	\$ 4,500.00	\$ 9,000.00	\$ 5,600.00	\$ 11,200.00	\$ 8,800.00	\$ 17,600.00
50	Curb Opening Catch Basin, W=7', (Including Monolithic Connection).	EA	1	\$ 7,000.00	\$ 7,000.00	\$ 3,500.00	\$ 3,500.00	\$ 4,600.00	\$ 4,600.00	\$ 7,000.00	\$ 7,000.00

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



ARBOR VITAE STREET WIDENING - LA CIENEGA BOULEVARD TO AIRPORT BOULEVARD

W.O. No. E6000885

Bid Date: March 11, 2009

Council District: 11

Bids Received: 5

DETAILED RESULTS				City Engineer's Estimate		PALP, INC. DBA EXCEL PAVING COMPANY		ALL AMERICAN ASPHALT		SULLY-MILLER CONTRACTING COMPANY	
ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
51	Concrete Collar.	EA	1	\$ 1,000.00	\$ 1,000.00	\$ 900.00	\$ 900.00	\$ 500.00	\$ 500.00	\$ 575.00	\$ 575.00
52	Sidewalk Culvert.	EA	1	\$ 6,000.00	\$ 6,000.00	\$ 1,500.00	\$ 1,500.00	\$ 4,300.00	\$ 4,300.00	\$ 4,300.00	\$ 4,300.00
STREET LIGHTING - SHEETS 24, 25, 26, and 27.											
53	Remove luminaire, lamp and ballast.	EA	18	\$ 50.00	\$ 900.00	\$ 535.00	\$ 9,630.00	\$ 163.00	\$ 2,934.00	\$ 160.00	\$ 2,880.00
54	Remove & dispose of existing wires per general notes on sheet 24 of the project plans.	LS			\$ 7,600.00		\$ 14,550.00		\$ 16,000.00		\$ 12,000.00
55	Remove existing pull box per plan and restore surface to match adjacent surface.	EA	5	\$ 200.00	\$ 1,000.00	\$ 1,000.00	\$ 5,000.00	\$ 440.00	\$ 2,200.00	\$ 430.00	\$ 2,150.00
56	Remove and dispose of complete electrolier assembly (includes foundation, pull box, pole, arm, luminaire, lamp, ballast, and all wire between luminaire and electrolier pullbox).	EA	17	\$ 1,100.00	\$ 18,700.00	\$ 2,575.00	\$ 43,775.00	\$ 1,224.00	\$ 20,808.00	\$ 1,200.00	\$ 20,400.00
57	1-1/2" galv. cond. (Parkway) incl. excavations and restoring surface to match adjacent surface.	LF	9,170	\$ 25.00	\$ 229,250.00	\$ 10.75	\$ 98,577.50	\$ 9.10	\$ 83,447.00	\$ 8.90	\$ 81,613.00
58	2" galv. cond. (St. cross.) incl. excavations and restoring surface to match adjacent surface.	LF	2,016	\$ 45.00	\$ 90,720.00	\$ 21.00	\$ 42,336.00	\$ 15.90	\$ 32,054.40	\$ 15.60	\$ 31,449.60
59	3" galv. cond. (St. cross.) incl. excavations and restoring surface to match adjacent surface.	LF	279	\$ 55.00	\$ 15,345.00	\$ 32.50	\$ 9,067.50	\$ 27.60	\$ 7,700.40	\$ 27.10	\$ 7,560.90
60	#10 THWN AWG solid wire.	LS			\$ 6,510.00		\$ 3,750.00		\$ 5,300.00		\$ 5,260.00
61	#6 AWG stranded wire.	LS			\$ 52,923.00		\$ 36,000.00		\$ 28,400.00		\$ 27,900.00
62	#8 AWG solid 5000v series wire	LS		\$	\$ 237.00		\$ 187.00		\$ 3,700.00		\$ 3,690.00

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



ARBOR VITAE STREET WIDENING - LA CIENEGA BOULEVARD TO AIRPORT BOULEVARD

W.O. No. E6000885

Bid Date: March 11, 2009

Council District: 11

Bids Received: 5

DETAILED RESULTS				City Engineer's Estimate		PALP, INC. DBA EXCEL PAVING COMPANY		ALL AMERICAN ASPHALT		SULLY-MILLER CONTRACTING COMPANY	
ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
63	Pull box, type 3, incl. lid, bends, excavating, and restoring surface to match adjacent surface.	EA	22	\$ 500.00	\$ 11,000.00	\$ 586.00	\$ 12,892.00	\$ 418.00	\$ 9,196.00	\$ 410.00	\$ 9,020.00
64	Special pull box per plan Type 2 Armorcast Electrolier pull box.	EA	52	\$ 600.00	\$ 31,200.00	\$ 340.00	\$ 17,680.00	\$ 516.00	\$ 26,832.00	\$ 506.00	\$ 26,312.00
65	15 amp fuse kit (including cartridge fuse).	EA	14	\$ 60.00	\$ 840.00	\$ 195.00	\$ 2,730.00	\$ 122.00	\$ 1,708.00	\$ 120.00	\$ 1,680.00
66	30 amp fuse kit (including cartridge fuse).	EA	4	\$ 120.00	\$ 480.00	\$ 555.00	\$ 2,220.00	\$ 146.00	\$ 584.00	\$ 144.00	\$ 576.00
67	Foundation (CD953,B-3685) incl. cap, excavation all bends & restoring surface to match adj. surface.	EA	33	\$ 1,400.00	\$ 46,200.00	\$ 2,100.00	\$ 69,300.00	\$ 780.00	\$ 25,740.00	\$ 765.00	\$ 25,245.00
68	CD953C Pole with 6' arm per plan.	EA	33	\$ 2,500.00	\$ 82,500.00	\$ 1,325.00	\$ 43,725.00	\$ 1,400.00	\$ 46,200.00	\$ 1,300.00	\$ 42,900.00
69	100W HPS MULT. LUM. WITH IGNITRON LAMP	EA	14	\$ 750.00	\$ 10,500.00	\$ 560.00	\$ 7,840.00	\$ 660.00	\$ 9,240.00	\$ 655.00	\$ 9,170.00
70	200W HPS MULT. LUM. WITH IGNITRON LAMP	EA	3	\$ 800.00	\$ 2,400.00	\$ 670.00	\$ 2,010.00	\$ 740.00	\$ 2,220.00	\$ 726.00	\$ 2,178.00
71	250W HPS MULT. LUM. WITH IGNITRON LAMP	EA	40	\$ 820.00	\$ 32,800.00	\$ 670.00	\$ 26,800.00	\$ 750.00	\$ 30,000.00	\$ 740.00	\$ 29,600.00
72	310W HPS MULT. LUM. WITH IGNITRON LAMP	EA	18	\$ 900.00	\$ 16,200.00	\$ 340.00	\$ 6,120.00	\$ 780.00	\$ 14,040.00	\$ 765.00	\$ 13,770.00
73	ROAM Gateway per plan.	EA	1	\$ 2,183.00	\$ 2,183.00	\$ 2,750.00	\$ 2,750.00	\$ 2,300.00	\$ 2,300.00	\$ 2,280.00	\$ 2,280.00
74	ROAM Node per plan.	EA	32	\$ 100.00	\$ 3,200.00	\$ 121.00	\$ 3,872.00	\$ 110.00	\$ 3,520.00	\$ 107.00	\$ 3,424.00
75	ROAM Activation Kit per plan.	EA	1	\$ 11,171.00	\$ 11,171.00	\$ 11,650.00	\$ 11,650.00	\$ 11,700.00	\$ 11,700.00	\$ 11,490.00	\$ 11,490.00

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



ARBOR VITAE STREET WIDENING - LA CIENEGA BOULEVARD TO AIRPORT BOULEVARD

W.O. No. E6000885

Bid Date: March 11, 2009

Council District: 11

Bids Received: 5

DETAILED RESULTS				City Engineer's Estimate		PALP, INC. DBA EXCEL PAVING COMPANY		ALL AMERICAN ASPHALT		SULLY-MILLER CONTRACTING COMPANY	
ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
76	Temporary lighting per plan.	LS			\$ 50,000.00		\$ 30,000.00		\$ 66,000.00		\$ 64,000.00
STRIPING, MARKING AND SIGNS - SHEETS 28, and 29.											
77	Sandblasting/Black Tape Cover	LS			\$ 4,000.00		\$ 8,700.00		\$ 8,000.00		\$ 7,990.00
78	Striping / Marking / Legends.	LS			\$ 10,400.00		\$ 18,500.00		\$ 17,300.00		\$ 16,985.00
TRAFFIC SIGNAL - SHEETS 30, 31, 32, and 33.											
79	Airport Bl, Arbor Vitae St. & Westchester Parkway (Sheet 30)	LS			\$ 200,000.00		\$ 110,000.00		\$ 90,600.00		\$ 80,000.00
80	Arbor Vitae St. & Bellanca Bl. (Sheet 31)	LS			\$ 250,000.00		\$ 90,000.00		\$ 70,000.00		\$ 60,000.00
81	Arbor Vitae St. & Aviation Bl. (Sheet 32)	LS			\$ 240,000.00		\$ 130,000.00		\$ 97,000.00		\$ 90,000.00
82	Arbor Vitae St. & La Cienega Bl (Sheet 33)	LS			\$ 260,000.00		\$ 88,000.00		\$ 130,000.00		\$ 120,000.00
ALLOWANCE ITEMS											
83	Allowance for Differing Site Conditions	LS			\$ 61,066.00		\$ 61,066.00		\$ 61,066.00		\$ 61,066.00
84	Allowance for Contaminated / Hazardous Soil.	LS			\$ 15,000.00		\$ 15,000.00		\$ 15,000.00		\$ 15,000.00
85	Allowance for Street Lighting Service Point Confirmation and Service Equipment Purchase and Installation at City of Inglewood per Note on Sheet 26 and 27	LS			\$ 28,000.00		\$ 28,000.00		\$ 28,000.00		\$ 28,000.00

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

ARBOR VITAE STREET WIDENING - LA CIENEGA BOULEVARD TO AIRPORT BOULEVARD

W.O. No. E6000885

Bid Date: March 11, 2009

Council District: 11

Bids Received: 5



DETAILED RESULTS				City Engineer's Estimate		PALP, INC. DBA EXCEL PAVING COMPANY		ALL AMERICAN ASPHALT		SULLY-MILLER CONTRACTING COMPANY	
ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
86	Allowance for Relocation of Light Post at Back of Sidewalk at the Southwest Corner of Arbor Vitae St/La Cienega Bl Intersection.	LS			\$ 8,000.00		\$ 8,000.00		\$ 8,000.00		\$ 8,000.00
87	Allowance for Permits	LS			\$ 5,000.00		\$ 5,000.00		\$ 5,000.00		\$ 5,000.00
TOTAL BID AMOUNT					\$ 3,838,000.00		\$ 1,929,687.00		\$ 2,147,946.00		\$ 2,241,855.70
						{Low}	-49.72%	{Low}	-44.03%	{Low}	-41.59%

CITY ENGINEER'S ESTIMATE

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

Burbank Boulevard Intersection Improvements at Hayvenhurst Avenue and
Burbank Boulevard Intersection Improvements at Woodley Avenue

Federal Project Nos. HPLUL-5006(643) and HPLUL-5006(638)



Work Order Nos. E6000773 and E6000772

Bid Date: April 2014

DETAILED RESULTS				CITY ENGINEER'S ESTIMATE		PIMA CORPORATION		GRIFFITH COMPANY		PALP, INC. DBA EXCEL PAVING COMPANY		SULLY-MILLER CONTRACTING COMPANY	
ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
Burbank Boulevard Intersection Improvements at Hayvenhurst Avenue													
1	MOBILIZATION per General Requirements, Section 01721	LS			\$ 20,000.00		\$ 35,000.00		\$ 15,000.00		\$ 15,000.00		\$ 15,000.00
2	ALLOWANCE for Differing Site Condition per General Requirements, Sections 01253 and 01212	LS			\$ 40,000.00		\$ 40,000.00		\$ 40,000.00		\$ 40,000.00		\$ 40,000.00
3	Traffic and Pedestrian Requirements (including Traffic and Pedestrian Control Plan and Signage)	LS			\$ 10,000.00		\$ 35,000.00		\$ 76,547.00		\$ 87,000.00		\$ 44,000.00
Street													
4	Miscellaneous Clearing and Grubbing, including Tree Trimming	LS			\$ 4,000.00		\$ 17,000.00		\$ 5,000.00		\$ 7,995.00		\$ 5,800.00
5	Remove Concrete Curb	LF	463	\$ 8.00	\$ 3,704.00	\$ 5.00	\$ 2,315.00	\$ 4.00	\$ 1,852.00	\$ 11.00	\$ 5,093.00	\$ 17.00	\$ 7,871.00
6	Remove Concrete Curb and Gutter	LF	3	\$ 15.00	\$ 45.00	\$ 20.00	\$ 60.00	\$ 50.00	\$ 150.00	\$ 55.00	\$ 165.00	\$ 46.00	\$ 138.00
7	Remove Concrete Pavement (t= 7 Inches)	SF	387	\$ 5.00	\$ 1,935.00	\$ 2.00	\$ 774.00	\$ 4.00	\$ 1,548.00	\$ 4.00	\$ 1,548.00	\$ 6.00	\$ 2,322.00
8	Remove Type C Integral Curb and Concrete Pavement	SF	435	\$ 6.00	\$ 2,610.00	\$ 3.00	\$ 1,305.00	\$ 2.75	\$ 1,196.25	\$ 5.00	\$ 2,175.00	\$ 6.00	\$ 2,610.00
9	Remove Concrete Sidewalk (t= 4 Inches)	SF	1,014	\$ 2.50	\$ 2,535.00	\$ 1.00	\$ 1,014.00	\$ 1.40	\$ 1,419.60	\$ 2.15	\$ 2,180.10	\$ 3.25	\$ 3,295.50
10	Unclassified Excavation	CY	295	\$ 75.00	\$ 22,125.00	\$ 50.00	\$ 14,750.00	\$ 65.00	\$ 19,175.00	\$ 78.50	\$ 23,157.50	\$ 70.00	\$ 20,650.00
11	Remove Trees	EA	6	\$ 500.00	\$ 3,000.00	\$ 420.00	\$ 2,520.00	\$ 700.00	\$ 4,200.00	\$ 530.00	\$ 3,180.00	\$ 616.00	\$ 3,696.00
12	Construct Concrete Pavement (t= 8 Inches)	SF	4,581	\$ 9.00	\$ 41,229.00	\$ 7.50	\$ 34,357.50	\$ 8.60	\$ 39,396.60	\$ 10.75	\$ 49,245.75	\$ 7.00	\$ 32,067.00
13	Construct Type C Integral Curb and Concrete Pavement	SF	3,540	\$ 13.00	\$ 46,020.00	\$ 8.50	\$ 30,090.00	\$ 8.00	\$ 28,320.00	\$ 10.00	\$ 35,400.00	\$ 7.00	\$ 24,780.00
14	Construct Type A Concrete Curb (h= 6 inches)	LF	114	\$ 30.00	\$ 3,420.00	\$ 20.00	\$ 2,280.00	\$ 67.00	\$ 7,638.00	\$ 53.00	\$ 6,042.00	\$ 23.50	\$ 2,679.00
15	Construct Concrete Sidewalk With Curb Ramps (t= 3 inches)	SF	1,154	\$ 5.00	\$ 5,770.00	\$ 4.00	\$ 4,616.00	\$ 8.25	\$ 9,520.50	\$ 8.00	\$ 9,232.00	\$ 5.00	\$ 5,770.00
16	Crushed Miscellaneous Base (t= 10 inches)	SF	8,120	\$ 4.00	\$ 32,480.00	\$ 1.40	\$ 11,368.00	\$ 3.00	\$ 24,360.00	\$ 2.50	\$ 20,300.00	\$ 3.00	\$ 24,360.00
17	Crushed Miscellaneous Base (t= 4 inches)	SF	1,211	\$ 2.00	\$ 2,422.00	\$ 1.00	\$ 1,211.00	\$ 3.40	\$ 4,117.40	\$ 7.25	\$ 8,779.75	\$ 1.00	\$ 1,211.00
18	Grading	SF	5,857	\$ 1.50	\$ 8,785.50	\$ 0.50	\$ 2,928.50	\$ 1.00	\$ 5,857.00	\$ 1.15	\$ 6,735.55	\$ 0.60	\$ 3,514.20
19	Remove and Install Gate and Support Posts	LS			\$ 35,000.00		\$ 9,500.00		\$ 36,000.00		\$ 12,000.00		\$ 10,280.40
20	Landscaping	LS			\$ 60,000.00		\$ 27,500.00		\$ 50,000.00		\$ 26,500.00		\$ 25,900.00
21	Striping and Signs	LS			\$ 10,000.00		\$ 10,000.00		\$ 9,500.00		\$ 11,700.00		\$ 10,750.00
22	Traffic Signals	LS			\$ 140,000.00		\$ 110,000.00		\$ 100,000.00		\$ 96,775.00		\$ 127,303.13
Street Lighting													
23	Remove complete electrolier assembly and restore surface to match adjacent surface	EA	5	\$ 500.00	\$ 2,500.00	\$ 850.00	\$ 4,250.00	\$ 700.00	\$ 3,500.00	\$ 675.00	\$ 3,375.00	\$ 788.45	\$ 3,942.25
24	1" galv. cond. (Parkway) incl. excavations and restoring surface to match adjacent surface	LF	355	\$ 30.00	\$ 10,650.00	\$ 22.00	\$ 7,810.00	\$ 13.00	\$ 4,615.00	\$ 13.00	\$ 4,615.00	\$ 14.78	\$ 5,246.90
25	1-1/2" galv.cond.(St. cross) incl. excavations and restoring surface to match adjacent surface	LF	98	\$ 50.00	\$ 4,900.00	\$ 60.00	\$ 5,880.00	\$ 19.00	\$ 1,862.00	\$ 18.50	\$ 1,813.00	\$ 21.56	\$ 2,112.88
26	#10 THWN AWG solid wire	LS			\$ 630.00		\$ 600.00		\$ 300.00		\$ 265.00		\$ 307.99
27	#6 AWG stranded wire	LS			\$ 2,189.00		\$ 2,500.00		\$ 1,400.00		\$ 1,325.00		\$ 1,539.93
28	Pullbox, type 2 Armocast incl. lid, bends, excavating, and restoring surface to match adj. surface	EA	6	\$ 500.00	\$ 3,000.00	\$ 500.00	\$ 3,000.00	\$ 500.00	\$ 3,000.00	\$ 500.00	\$ 3,000.00	\$ 579.02	\$ 3,474.12
29	10 amp fuse kit (includes cartridge fuse)	EA	6	\$ 30.00	\$ 180.00	\$ 100.00	\$ 600.00	\$ 41.00	\$ 246.00	\$ 40.00	\$ 240.00	\$ 46.81	\$ 280.86
30	Foundation (CD953,B-3685) incl. cap, excavation all bends and restoring surface to match adj. surf. 4' deep foundation	EA	4	\$ 600.00	\$ 2,400.00	\$ 750.00	\$ 3,000.00	\$ 1,800.00	\$ 7,200.00	\$ 1,775.00	\$ 7,100.00	\$ 2,060.00	\$ 8,240.00

CITY ENGINEER'S ESTIMATE

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

Burbank Boulevard Intersection Improvements at Hayvenhurst Avenue and
Burbank Boulevard Intersection Improvements at Woodley Avenue

Federal Project Nos. HPLUL-5006(643) and HPLUL-5006(638)

Work Order Nos. E6000773 and E6000772



DETAILED RESULTS			CITY ENGINEER'S ESTIMATE		PIMA CORPORATION		GRIFFITH COMPANY		PALP, INC. DBA EXCEL PAVING COMPANY		SULLY-MILLER CONTRACTING COMPANY	
ITEM DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
31 CD953C pole with 8' arm per plan	EA	3	\$ 1,500.00	\$ 4,500.00	\$ 2,000.00	\$ 6,000.00	\$ 1,650.00	\$ 4,950.00	\$ 1,600.00	\$ 4,800.00	\$ 1,873.00	\$ 5,619.00
32 Remove and reinstall pole per plan	EA	1	\$ 500.00	\$ 500.00	\$ 3,000.00	\$ 3,000.00	\$ 1,000.00	\$ 1,000.00	\$ 950.00	\$ 950.00	\$ 1,109.00	\$ 1,109.00
33 12' luminaire arm for Cal Type pole	EA	1	\$ 675.00	\$ 675.00	\$ 1,000.00	\$ 1,000.00	\$ 380.00	\$ 380.00	\$ 375.00	\$ 375.00	\$ 432.00	\$ 432.00
34 8' lum arm for Cal Type pole	EA	1	\$ 200.00	\$ 200.00	\$ 1,000.00	\$ 1,000.00	\$ 280.00	\$ 280.00	\$ 275.00	\$ 275.00	\$ 320.00	\$ 320.00
35 Beta LEDWay 120 LEDs (Gen. D) with back shield	EA	6	\$ 1,057.00	\$ 6,342.00	\$ 800.00	\$ 4,800.00	\$ 1,250.00	\$ 7,500.00	\$ 1,225.00	\$ 7,350.00	\$ 1,417.00	\$ 8,502.00
36 Beta LEDWay 90 LEDs (Gen. D) with back shield	EA	2	\$ 967.00	\$ 1,934.00	\$ 900.00	\$ 1,800.00	\$ 1,200.00	\$ 2,400.00	\$ 1,175.00	\$ 2,350.00	\$ 1,355.00	\$ 2,710.00
37 Protective barrier per plan	EA	4	\$ 250.00	\$ 1,000.00	\$ 500.00	\$ 2,000.00	\$ 327.00	\$ 1,308.00	\$ 325.00	\$ 1,300.00	\$ 350.00	\$ 1,400.00
Burbank Boulevard Intersection Improvements at Woodley Avenue												
38 MOBILIZATION per General Requirements, Section 01721	LS			\$ 15,000.00		\$ 30,000.00		\$ 15,000.00		\$ 15,000.00		\$ 15,000.00
39 ALLOWANCE for Differing Site Condition per General Requirements, Sections 01253 and 01212	LS			\$ 20,000.00		\$ 20,000.00		\$ 20,000.00		\$ 20,000.00		\$ 20,000.00
40 Traffic and Pedestrian Requirements (Including Traffic and Pedestrian Control Plan and Signage)	LS			\$ 10,000.00		\$ 35,000.00		\$ 22,000.00		\$ 65,000.00		\$ 30,500.00
Street												
41 Miscellaneous Clearing and Grubbing	LS			\$ 1,000.00		\$ 12,000.00		\$ 1,000.00		\$ 5,000.00		\$ 4,340.00
42 Remove Concrete Curb	LF	407	\$ 8.00	\$ 3,256.00	\$ 5.00	\$ 2,035.00	\$ 9.00	\$ 3,663.00	\$ 12.00	\$ 4,884.00	\$ 30.00	\$ 12,210.00
43 Remove Concrete Pavement (t= 7 Inches)	SF	188	\$ 5.00	\$ 940.00	\$ 2.00	\$ 376.00	\$ 2.50	\$ 470.00	\$ 6.25	\$ 1,175.00	\$ 10.50	\$ 1,974.00
44 Remove Concrete Sidewalk (t= 4 Inches)	SF	149	\$ 3.00	\$ 447.00	\$ 1.00	\$ 149.00	\$ 2.35	\$ 350.15	\$ 3.15	\$ 469.35	\$ 6.50	\$ 968.50
45 Remove AC Pavement (t= 4 Inches)	SF	24	\$ 3.00	\$ 72.00	\$ 3.00	\$ 72.00	\$ 5.00	\$ 120.00	\$ 9.65	\$ 231.60	\$ 10.25	\$ 246.00
46 Unclassified Excavation	CY	233	\$ 75.00	\$ 17,475.00	\$ 50.00	\$ 11,650.00	\$ 64.00	\$ 14,912.00	\$ 60.00	\$ 13,980.00	\$ 91.00	\$ 21,203.00
47 Remove Trees	EA	11	\$ 500.00	\$ 5,500.00	\$ 270.00	\$ 2,970.00	\$ 430.00	\$ 4,730.00	\$ 320.00	\$ 3,520.00	\$ 370.00	\$ 4,070.00
48 Construct Type C Integral Curb and Concrete Pavement	SF	4,098	\$ 13.00	\$ 53,274.00	\$ 8.50	\$ 34,833.00	\$ 7.25	\$ 29,710.50	\$ 9.50	\$ 38,931.00	\$ 7.50	\$ 30,735.00
49 Construct Type A Concrete Curb (h= 6 Inches)	LF	253	\$ 30.00	\$ 7,590.00	\$ 20.00	\$ 5,060.00	\$ 50.00	\$ 12,650.00	\$ 35.00	\$ 8,855.00	\$ 21.50	\$ 5,439.50
50 Construct Concrete Sidewalk (t= 3 Inches)	SF	77	\$ 6.00	\$ 462.00	\$ 4.00	\$ 308.00	\$ 16.00	\$ 1,232.00	\$ 15.50	\$ 1,193.50	\$ 7.50	\$ 577.50
51 Construct AC Pavement (t= 4 Inches)	SF	24	\$ 5.00	\$ 120.00	\$ 10.00	\$ 240.00	\$ 4.00	\$ 96.00	\$ 38.50	\$ 924.00	\$ 89.00	\$ 2,136.00
52 Crushed Miscellaneous Base (t= 10 Inches)	SF	4,098	\$ 4.00	\$ 16,392.00	\$ 1.40	\$ 5,737.20	\$ 3.00	\$ 12,294.00	\$ 3.50	\$ 14,343.00	\$ 350.00	\$ 1,434,300.00
53 Crushed Miscellaneous Base (t= 4 Inches)	SF	127	\$ 2.00	\$ 254.00	\$ 1.00	\$ 127.00	\$ 4.00	\$ 508.00	\$ 18.25	\$ 2,317.75	\$ 4.00	\$ 508.00
54 Grading	SF	2,683	\$ 1.50	\$ 4,024.50	\$ 0.75	\$ 2,012.25	\$ 1.00	\$ 2,683.00	\$ 1.25	\$ 3,353.75	\$ 1.25	\$ 3,353.75
55 Landscaping	LS			\$ 42,000.00		\$ 21,000.00		\$ 47,000.00		\$ 21,500.00		\$ 20,950.00
56 Striping and Signs	LS			\$ 5,400.00		\$ 10,000.00		\$ 8,000.00		\$ 10,000.00		\$ 9,000.00
57 Traffic Signals	LS			\$ 80,000.00		\$ 100,000.00		\$ 100,000.00		\$ 95,000.00		\$ 114,146.00

CITY ENGINEER'S ESTIMATE

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

Burbank Boulevard Intersection Improvements at Hayvenhurst Avenue and
Burbank Boulevard Intersection Improvements at Woodley Avenue

Federal Project Nos. HPLUL-5006(643) and HPLUL-5006(638)

Work Order Nos. E6000773 and E6000772



DETAILED RESULTS				CITY ENGINEER'S ESTIMATE		PIMA CORPORATION		GRIFFITH COMPANY		PALP, INC. DBA EXCEL PAVING COMPANY		SULLY-MILLER CONTRACTING COMPANY	
ITEM DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	
Street Lighting													
58 1" galv. cond. (Parkway) incl. excavations and restoring surface to match adjacent surface	LF	837	\$ 30.00	\$ 25,110.00	\$ 20.00	\$ 16,740.00	\$ 13.00	\$ 10,881.00	\$ 12.75	\$ 10,671.75	\$ 14.80	\$ 12,387.60	
59 #10 THWN AWG solid wire	LS			\$ 840.00		\$ 800.00		\$ 450.00		\$ 425.00		\$ 493.00	
60 #6 AWG stranded wire	LS			\$ 4,293.00		\$ 3,200.00		\$ 3,800.00		\$ 3,600.00		\$ 4,190.00	
61 Pullbox, type 2 Armocast incl. lid, bends, excavating, and restoring surface to match adj. surface	EA	8	\$ 500.00	\$ 4,000.00	\$ 500.00	\$ 4,000.00	\$ 500.00	\$ 4,000.00	\$ 500.00	\$ 4,000.00	\$ 580.00	\$ 4,640.00	
62 10 amp fuse kit (includes cartridge fuse)	EA	8	\$ 30.00	\$ 240.00	\$ 100.00	\$ 800.00	\$ 40.00	\$ 320.00	\$ 40.00	\$ 320.00	\$ 47.00	\$ 376.00	
63 Foundation (CD953,B-3685) incl. cap, excavation all bends and restoring surface to match adj. surf. 4' deep foundation	EA	6	\$ 600.00	\$ 3,600.00	\$ 1,000.00	\$ 6,000.00	\$ 1,800.00	\$ 10,800.00	\$ 1,800.00	\$ 10,800.00	\$ 2,094.00	\$ 12,564.00	
64 CD953C pole with 8' arm per plan	EA	3	\$ 1,500.00	\$ 4,500.00	\$ 2,000.00	\$ 6,000.00	\$ 1,500.00	\$ 4,500.00	\$ 1,550.00	\$ 4,650.00	\$ 1,990.00	\$ 5,970.00	
65 Remove and reinstall pole per plan	EA	3	\$ 500.00	\$ 1,500.00	\$ 2,000.00	\$ 6,000.00	\$ 1,000.00	\$ 3,000.00	\$ 950.00	\$ 2,850.00	\$ 1,109.00	\$ 3,327.00	
66 12' luminaire arm for Cal Type pole	EA	1	\$ 675.00	\$ 675.00	\$ 1,100.00	\$ 1,100.00	\$ 400.00	\$ 400.00	\$ 375.00	\$ 375.00	\$ 432.00	\$ 432.00	
67 8' luminaire arm for Cal Type pole	EA	1	\$ 200.00	\$ 200.00	\$ 900.00	\$ 900.00	\$ 300.00	\$ 300.00	\$ 275.00	\$ 275.00	\$ 320.00	\$ 320.00	
68 Beta LEDWay 120 LEDs (Gen. D) with back shield	EA	3	\$ 1,057.00	\$ 3,171.00	\$ 800.00	\$ 2,400.00	\$ 1,400.00	\$ 4,200.00	\$ 1,375.00	\$ 4,125.00	\$ 1,590.00	\$ 4,770.00	
69 Beta LEDWay 60 LEDs (Gen. D)	EA	6	\$ 555.00	\$ 3,330.00	\$ 600.00	\$ 3,600.00	\$ 850.00	\$ 5,100.00	\$ 825.00	\$ 4,950.00	\$ 961.00	\$ 5,766.00	
70 Beta LEDWay 60 LEDs (Gen. D) with back shield	EA	8	\$ 655.00	\$ 5,240.00	\$ 600.00	\$ 4,800.00	\$ 1,000.00	\$ 8,000.00	\$ 1,025.00	\$ 8,200.00	\$ 1,200.00	\$ 9,600.00	
71 Beta LEDWay 90 LEDs (Gen. D)	EA	3	\$ 867.00	\$ 2,601.00	\$ 900.00	\$ 2,700.00	\$ 1,200.00	\$ 3,600.00	\$ 1,225.00	\$ 3,675.00	\$ 1,430.00	\$ 4,290.00	
72 Protective barrier per plan	EA	10	\$ 250.00	\$ 2,500.00	\$ 500.00	\$ 5,000.00	\$ 327.00	\$ 3,270.00	\$ 325.00	\$ 3,250.00	\$ 350.00	\$ 3,500.00	
Total Estimated Construction Cost:			\$ 881,687.00		\$ 798,438.45		\$ 879,778.00		\$ 897,181.35		\$ 2,263,517.01		
					{Low}	-9.44%	{Low}	-0.22%	{High}	1.76%	{High}	156.73%	

CITY ENGINEER'S ESTIMATE

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

Century Boulevard Extension - Grape Street to Alameda Street

Federal Project Number: STPL-5006(810), W.O.: E1907358

18408

2017-09-19 16:51:21

Lowest Responsive and Responsible
Hence, Excel's Bid is the Project Estimate of
\$12,866,081.



DETAILED RESULTS				CITY ENGINEER'S ESTIMATE		SULLY-MILLER CONTRACTING COMPANY		PALP Inc., dba EXCEL PAVING COMPANY		OHL USA, Inc. dba OHL USA, Inc.	
ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
STREET											
1	MOBILIZATION (including signage, permits, temporary fencing, etc.) per the General Requirements, Sections 01292 and 01721	LS			\$ 500,000.00		\$ 500,000.00		\$ 415,000.00		\$ 500,000.00
ALLOWANCES											
2	ALLOWANCE for Clearing and Grubbing per the General Requirements, Section 01212				\$ 15,000.00		\$ 15,000.00		\$ 15,000.00		\$ 15,000.00
3	ALLOWANCE to Pothole Unknown Substructures per the General Requirements, Section 01212				\$ 20,000.00		\$ 20,000.00		\$ 20,000.00		\$ 20,000.00
4	ALLOWANCE for Differing Site Condition per the General Requirements, Sections 01212 and 01253				\$ 335,000.00		\$ 335,000.00		\$ 335,000.00		\$ 335,000.00
5	ALLOWANCE for Payment for Construction Related Permits per the General Requirements, Section 01292				\$ 10,000.00		\$ 10,000.00		\$ 10,000.00		\$ 10,000.00
6	ALLOWANCE for Cooperative Site Security and Patrol per the General Requirements, Section 01212				\$ 100,000.00		\$ 100,000.00		\$ 100,000.00		\$ 100,000.00
7	ALLOWANCE for Cultural Resource Inspection per the General Requirements, Section 01212				\$ 27,000.00		\$ 27,000.00		\$ 27,000.00		\$ 27,000.00
8	ALLOWANCE for Partnering and Coordination per the General Requirements, Section 01120				\$ 25,000.00		\$ 25,000.00		\$ 25,000.00		\$ 25,000.00
REMOVALS											
9	Curb and Gutter	LF	3,085	\$ 13.00	\$ 40,105.00	\$ 8.50	\$ 26,222.50	\$ 20.00	\$ 61,700.00	\$ 12.00	\$ 37,020.00
10	Cold Plane AC Pavement (Roadway) (2-Inch depth)	SF	5,360	\$ 2.75	\$ 14,740.00	\$ 1.00	\$ 5,360.00	\$ 2.10	\$ 11,256.00	\$ 7.00	\$ 37,520.00
11	Concrete Pavement and Slab	SF	13,047	\$ 0.50	\$ 6,523.50	\$ 6.00	\$ 78,282.00	\$ 2.00	\$ 26,094.00	\$ 4.00	\$ 52,188.00
12	AC Pavement (Roadway) (4-inch to 8-Inch depth)	SF	28,541	\$ 3.00	\$ 85,623.00	\$ 1.00	\$ 28,541.00	\$ 2.50	\$ 71,352.50	\$ 2.00	\$ 57,082.00
13	6" Concrete Driveways	SF	32,884	\$ 3.00	\$ 98,652.00	\$ 2.25	\$ 73,989.00	\$ 2.25	\$ 73,989.00	\$ 2.00	\$ 65,768.00
14	4" Concrete Sidewalk	SF	3,760	\$ 3.00	\$ 11,280.00	\$ 1.70	\$ 6,392.00	\$ 2.00	\$ 7,520.00	\$ 3.00	\$ 11,280.00
15	Unclassified Excavation	CY	4,826	\$ 65.00	\$ 313,690.00	\$ 23.00	\$ 110,998.00	\$ 60.00	\$ 289,560.00	\$ 22.00	\$ 106,172.00
16	Excavation and Fill (including import)	CY	225	\$ 65.00	\$ 14,625.00	\$ 82.00	\$ 18,450.00	\$ 76.00	\$ 17,100.00	\$ 120.00	\$ 27,000.00
17	Field light and pole including disposal	EA	1	\$ 5,000.00	\$ 5,000.00	\$ 5,300.00	\$ 5,300.00	\$ 1,100.00	\$ 1,100.00	\$ 3,400.00	\$ 3,400.00
18	Utility Pole relocation	EA	1	\$ 6,000.00	\$ 6,000.00	\$ 11,300.00	\$ 11,300.00	\$ 11,000.00	\$ 11,000.00	\$ 6,800.00	\$ 6,800.00
CONSTRUCTION											
19	10" AC Pavement	SF	147,210	\$ 4.50	\$ 662,445.00	\$ 4.75	\$ 699,247.50	\$ 4.25	\$ 625,642.50	\$ 5.65	\$ 831,736.50
20	Concrete Intersection Cross Gutter PCC	SF	1,100	\$ 8.00	\$ 8,800.00	\$ 12.00	\$ 13,200.00	\$ 12.00	\$ 13,200.00	\$ 16.00	\$ 17,600.00
21	4" Concrete Sidewalk	SF	49,853	\$ 7.00	\$ 348,971.00	\$ 5.00	\$ 249,265.00	\$ 4.50	\$ 224,338.50	\$ 7.50	\$ 373,897.50
22	Curb Ramps	EA	45	\$ 2,000.00	\$ 90,000.00	\$ 2,000.00	\$ 90,000.00	\$ 3,700.00	\$ 166,500.00	\$ 3,950.00	\$ 177,750.00
23	6" Concrete Driveways	SF	1,840	\$ 10.00	\$ 18,400.00	\$ 9.00	\$ 16,560.00	\$ 8.25	\$ 15,180.00	\$ 15.50	\$ 28,520.00
24	4" CMB (Under Sidewalk)	SF	49,853	\$ 1.00	\$ 49,853.00	\$ 1.00	\$ 49,853.00	\$ 2.10	\$ 104,691.30	\$ 3.60	\$ 179,470.80
25	Concrete Bus Pad	SF	1,750	\$ 10.50	\$ 18,375.00	\$ 9.50	\$ 16,625.00	\$ 12.00	\$ 21,000.00	\$ 17.50	\$ 30,625.00

CITY ENGINEER'S ESTIMATE

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

Century Boulevard Extension - Grape Street to Alameda Street

Federal Project Number: STPL-5006(810), W.O.: E1907358



DETAILED RESULTS				CITY ENGINEER'S ESTIMATE		SULLY-MILLER CONTRACTING COMPANY		PALP Inc., dba EXCEL PAVING COMPANY		OHL USA, Inc. dba OHL USA, Inc.	
ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE		UNIT PRICE	ITEM TOTAL
26	6" CMB (Under Driveways)	SF	1,780	\$ 2.00	\$ 3,560.00	\$ 1.25	\$ 2,225.00	\$ 3.50	\$ 6,230.00	\$ 4.20	\$ 7,476.00
27	8" CMB (Under Roadway)	SF	47,113	\$ 2.50	\$ 117,782.50	\$ 0.75	\$ 35,334.75	\$ 0.80	\$ 37,690.40	\$ 1.40	\$ 65,958.20
28	10" CMB (Under Roadway)	SF	23,628	\$ 3.00	\$ 70,884.00	\$ 0.80	\$ 18,902.40	\$ 0.90	\$ 21,265.20	\$ 1.80	\$ 42,530.40
29	18" CMB (Under Roadway)	SF	76,469	\$ 7.00	\$ 535,283.00	\$ 1.20	\$ 91,762.80	\$ 1.40	\$ 107,056.60	\$ 2.30	\$ 175,878.70
30	Type C Integral Curb and Gutter (a=2'; b=6" min. 6" Curb Face)	LF	7,740	\$ 37.00	\$ 286,380.00	\$ 23.00	\$ 178,020.00	\$ 26.00	\$ 201,240.00	\$ 28.00	\$ 216,720.00
31	2x4 Redwood Header	LF	600	\$ 10.00	\$ 6,000.00	\$ 5.00	\$ 3,000.00	\$ 7.75	\$ 4,650.00	\$ 12.00	\$ 7,200.00
TRAFFIC SIGNAL											
32	Traffic Signal Modification at Century Blvd. & Alameda St.	LS			\$ 162,800.00		\$ 190,000.00		\$ 333,600.00		\$ 210,000.00
33	Traffic Signal Modification at Century Blvd. and Grape St.	LS			\$ 154,300.00		\$ 176,000.00		\$ 290,000.00		\$ 180,000.00
34	Traffic Signals	EA	3	\$ 200,000.00	\$ 600,000.00	\$ 200,000.00	\$ 600,000.00	\$ 145,000.00	\$ 435,000.00	\$ 155,000.00	\$ 465,000.00
35	Signal Interconnect	LS			\$ 45,900.00		\$ 145,000.00		\$ 180,000.00		\$ 155,000.00
36	Signing and Striping	LS			\$ 76,800.00		\$ 38,000.00		\$ 120,000.00		\$ 35,000.00
STREET LIGHTING											
37	Remove & Dispose existing wires per Notes on Sheet 1	LS			\$ 640.00		\$ 2,000.00		\$ 5,500.00		\$ 7,000.00
38	Service Junction connection device	EA	3	\$ 200.00	\$ 600.00	\$ 2,300.00	\$ 6,900.00	\$ 440.00	\$ 1,320.00	\$ 800.00	\$ 2,400.00
39	U.G. Service with stubout extension and coordination with DWP	EA	1	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 4,400.00	\$ 4,400.00	\$ 2,500.00	\$ 2,500.00
40	1" gal. conduit (parkway) including excavation and site restoration	LF	6200	\$ 23.00	\$ 142,600.00	\$ 14.00	\$ 86,800.00	\$ 28.00	\$ 173,600.00	\$ 30.00	\$ 186,000.00
41	1-1/2" gal. conduit (street cross) including excav. and restoration	LF	1200	\$ 45.00	\$ 54,000.00	\$ 20.00	\$ 24,000.00	\$ 50.00	\$ 60,000.00	\$ 45.00	\$ 54,000.00
42	#10 THWN AWG Solid Wire	LS			\$ 5,500.00		\$ 7,500.00		\$ 3,300.00		\$ 5,000.00
43	#8 AWG stranded wire (600v)	LS			\$ 33,000.00		\$ 30,000.00		\$ 20,000.00		\$ 27,000.00
44	Pullbox, type2 Armorcast incl. lid, bends, excav. & restoration	EA	75	\$ 650.00	\$ 48,750.00	\$ 600.00	\$ 45,000.00	\$ 605.00	\$ 45,375.00	\$ 700.00	\$ 52,500.00
45	Pullbox, type3 Armorcast incl. lid, bends, excav. & restoration	LS			\$ 750.00		\$ 635.00		\$ 715.00		\$ 1,000.00
46	10 amp fuse kit (includes cartridge fuse)	EA	108	\$ 45.00	\$ 4,860.00	\$ 64.00	\$ 6,912.00	\$ 110.00	\$ 11,880.00	\$ 100.00	\$ 10,800.00
47	30 amp fuse kit (includes cartridge fuse)	EA	8	\$ 100.00	\$ 800.00	\$ 22.00	\$ 176.00	\$ 220.00	\$ 1,760.00	\$ 150.00	\$ 1,200.00
48	Foundation (CD855, B-3655) incl. cap, excav., bends and restoration	EA	48	\$ 1,000.00	\$ 48,000.00	\$ 3,200.00	\$ 153,600.00	\$ 1,700.00	\$ 81,600.00	\$ 2,100.00	\$ 100,800.00
49	CD855 pole with arm(s) per plan	EA	48	\$ 3,000.00	\$ 144,000.00	\$ 3,000.00	\$ 144,000.00	\$ 3,300.00	\$ 158,400.00	\$ 4,000.00	\$ 192,000.00
50	LED luminaire (150W HPS replacement)	EA	48	\$ 550.00	\$ 26,400.00	\$ 700.00	\$ 33,600.00	\$ 660.00	\$ 31,680.00	\$ 1,200.00	\$ 57,600.00
51	LED luminaire (200W HPS replacement)	EA	4	\$ 650.00	\$ 2,600.00	\$ 780.00	\$ 3,120.00	\$ 715.00	\$ 2,860.00	\$ 1,300.00	\$ 5,200.00
52	City Touch Lum Controller	EA	52	\$ 250.00	\$ 13,000.00	\$ 250.00	\$ 13,000.00	\$ 220.00	\$ 11,440.00	\$ 300.00	\$ 15,600.00
53	Temporary Lighting	EA	1	\$ 2,500.00	\$ 2,500.00	\$ 11,500.00	\$ 11,500.00	\$ 2,200.00	\$ 2,200.00	\$ 40,000.00	\$ 40,000.00

CITY ENGINEER'S ESTIMATE

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

Century Boulevard Extension - Grape Street to Alameda Street

Federal Project Number: STPL-5006(810), W.O.: E1907358



DETAILED RESULTS				CITY ENGINEER'S ESTIMATE		SULLY-MILLER CONTRACTING COMPANY		PALP Inc., dba EXCEL PAVING COMPANY		OHL USA, Inc. dba OHL USA, Inc.	
ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
STORM DRAIN											
54	18" RCP	LF	1486	\$ 180.00	\$ 267,480.00	\$ 117.00	\$ 173,862.00	\$ 176.00	\$ 261,536.00	\$ 162.00	\$ 240,732.00
55	24" RCP	LF	1610	\$ 200.00	\$ 322,000.00	\$ 135.00	\$ 217,350.00	\$ 114.00	\$ 183,540.00	\$ 155.00	\$ 249,550.00
56	14"x23" Elliptical RCP SD	LF	158	\$ 250.00	\$ 39,500.00	\$ 250.00	\$ 39,500.00	\$ 345.00	\$ 54,510.00	\$ 228.00	\$ 36,024.00
57	19"x30" Elliptical RCP SD	LF	210	\$ 275.00	\$ 57,750.00	\$ 315.00	\$ 66,150.00	\$ 284.00	\$ 59,640.00	\$ 315.00	\$ 66,150.00
58	Storm Drain Manholes / Junction Structures	EA	23	\$ 18,000.00	\$ 414,000.00	\$ 6,300.00	\$ 144,900.00	\$ 5,100.00	\$ 117,300.00	\$ 6,000.00	\$ 138,000.00
59	Connection to existng SD Junction Structure	EA	2	\$ 20,000.00	\$ 40,000.00	\$ 4,000.00	\$ 8,000.00	\$ 5,320.00	\$ 10,640.00	\$ 13,000.00	\$ 26,000.00
60	Concrete Collars	EA	7	\$ 1,000.00	\$ 7,000.00	\$ 1,000.00	\$ 7,000.00	\$ 1,100.00	\$ 7,700.00	\$ 1,600.00	\$ 11,200.00
61	Local Depressions	EA	30	\$ 2,400.00	\$ 72,000.00	\$ 2,100.00	\$ 63,000.00	\$ 2,000.00	\$ 60,000.00	\$ 1,350.00	\$ 40,500.00
62	4'x8' MWS Unit or equal	EA	27	\$ 30,000.00	\$ 810,000.00	\$ 37,000.00	\$ 999,000.00	\$ 31,000.00	\$ 837,000.00	\$ 30,000.00	\$ 810,000.00
63	4'x13' MWS Unit or equal	EA	3	\$ 42,000.00	\$ 126,000.00	\$ 55,500.00	\$ 166,500.00	\$ 41,000.00	\$ 123,000.00	\$ 34,300.00	\$ 102,900.00
64	MWS Concrete Collars/Pipe Connections	EA	28	\$ 1,500.00	\$ 42,000.00	\$ 1,400.00	\$ 39,200.00	\$ 1,100.00	\$ 30,800.00	\$ 900.00	\$ 25,200.00
65	12" PVC Pipe at MWS Unit	LF	320	\$ 45.00	\$ 14,400.00	\$ 102.00	\$ 32,640.00	\$ 120.00	\$ 38,400.00	\$ 105.00	\$ 33,600.00
66	12" Tee Connection at MWS Unit	EA	20	\$ 250.00	\$ 5,000.00	\$ 1,400.00	\$ 28,000.00	\$ 600.00	\$ 12,000.00	\$ 190.00	\$ 3,800.00
STORM TRAP UNITS											
67	22.5'X5'	EA	7	\$ 24,022.00	\$ 168,154.00	\$ 22,000.00	\$ 154,000.00	\$ 43,000.00	\$ 301,000.00	\$ 16,800.00	\$ 117,600.00
68	31.73'X4'	EA	4	\$ 28,237.00	\$ 112,948.00	\$ 22,000.00	\$ 88,000.00	\$ 26,200.00	\$ 104,800.00	\$ 17,500.00	\$ 70,000.00
69	22.5'X4'	EA	6	\$ 20,647.50	\$ 123,885.00	\$ 22,000.00	\$ 132,000.00	\$ 25,000.00	\$ 150,000.00	\$ 17,500.00	\$ 105,000.00
70	16.33'X2'	EA	2	\$ 10,381.50	\$ 20,763.00	\$ 20,000.00	\$ 40,000.00	\$ 22,000.00	\$ 44,000.00	\$ 19,800.00	\$ 39,600.00
71	26'X2'	EA	1	\$ 15,893.00	\$ 15,893.00	\$ 20,000.00	\$ 20,000.00	\$ 24,000.00	\$ 24,000.00	\$ 20,100.00	\$ 20,100.00
72	16.33'X4'	EA	2	\$ 15,574.00	\$ 31,148.00	\$ 18,000.00	\$ 36,000.00	\$ 24,100.00	\$ 48,200.00	\$ 19,800.00	\$ 39,600.00
73	16.33'X3'	EA	2	\$ 12,978.00	\$ 25,956.00	\$ 24,000.00	\$ 48,000.00	\$ 23,000.00	\$ 46,000.00	\$ 19,100.00	\$ 38,200.00
74	22.5'X2'	EA	1	\$ 13,898.00	\$ 13,898.00	\$ 17,000.00	\$ 17,000.00	\$ 23,000.00	\$ 23,000.00	\$ 20,000.00	\$ 20,000.00
75	31.73'X5.67'	EA	1	\$ 35,817.00	\$ 35,817.00	\$ 24,000.00	\$ 24,000.00	\$ 30,000.00	\$ 30,000.00	\$ 20,000.00	\$ 20,000.00
76	22.73'X8'	EA	1	\$ 40,551.00	\$ 40,551.00	\$ 21,000.00	\$ 21,000.00	\$ 36,000.00	\$ 36,000.00	\$ 20,000.00	\$ 20,000.00
77	26'X8'	EA	1	\$ 45,767.00	\$ 45,767.00	\$ 33,000.00	\$ 33,000.00	\$ 36,000.00	\$ 36,000.00	\$ 20,000.00	\$ 20,000.00
78	31.73'X5'	EA	2	\$ 32,776.00	\$ 65,552.00	\$ 22,000.00	\$ 44,000.00	\$ 30,000.00	\$ 60,000.00	\$ 20,000.00	\$ 40,000.00
79	8" PVC Infiltration Pipe	LF	465	\$ 25.00	\$ 11,625.00	\$ 40.00	\$ 18,600.00	\$ 130.00	\$ 60,450.00	\$ 72.00	\$ 33,480.00
SEWER											
80	8" VCP Sewer	LF	2562	\$ 175.00	\$ 448,350.00	\$ 123.00	\$ 315,126.00	\$ 112.00	\$ 286,944.00	\$ 150.00	\$ 384,300.00
81	10" VCP Sewer	LF	1032	\$ 200.00	\$ 206,400.00	\$ 147.00	\$ 151,704.00	\$ 156.00	\$ 160,992.00	\$ 165.00	\$ 170,280.00
82	Adjust Manhole to Grade	EA	1	\$ 750.00	\$ 750.00	\$ 1,700.00	\$ 1,700.00	\$ 3,000.00	\$ 3,000.00	\$ 1,650.00	\$ 1,650.00

CITY ENGINEER'S ESTIMATE

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

Century Boulevard Extension - Grape Street to Alameda Street

Federal Project Number: STPL-5006(810), W.O.: E1907358



DETAILED RESULTS				CITY ENGINEER'S ESTIMATE		SULLY-MILLER CONTRACTING COMPANY		PALP Inc., dba EXCEL PAVING COMPANY		OHL USA, Inc. dba OHL USA, Inc.	
ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
83	Wye/6" dia. House Connections	EA	34	\$ 1,000.00	\$ 34,000.00	\$ 3,800.00	\$ 129,200.00	\$ 2,400.00	\$ 81,600.00	\$ 5,100.00	\$ 173,400.00
84	Sewer Manholes (MH)	EA	20	\$ 15,000.00	\$ 300,000.00	\$ 5,200.00	\$ 104,000.00	\$ 5,000.00	\$ 100,000.00	\$ 12,000.00	\$ 240,000.00
85	Drop MH	EA	1	\$ 15,000.00	\$ 15,000.00	\$ 7,600.00	\$ 7,600.00	\$ 9,000.00	\$ 9,000.00	\$ 14,500.00	\$ 14,500.00
86	Sewer MH at Connection to ex. 15" LA County Sewer	EA	1	\$ 12,000.00	\$ 12,000.00	\$ 14,000.00	\$ 14,000.00	\$ 14,000.00	\$ 14,000.00	\$ 18,000.00	\$ 18,000.00
87	Concrete Blanket	EA	16	\$ 1,000.00	\$ 16,000.00	\$ 1,500.00	\$ 24,000.00	\$ 1,700.00	\$ 27,200.00	\$ 950.00	\$ 15,200.00
LANDSCAPE IMPROVEMENTS											
88	Rain Bird RWS-B-C-SOCK Root Watering System with 4" diameter x 36" long with locking grate, semi-rigid mesh tube, check valve and sand sock, and Rain Bird bubbler option as indicated: 1401 (0.25gpm), 1402 (0.5gpm), 1404 (1.0gpm), 1408 (2.0gpm) or approved equal.	EA	308	\$ 35.00	\$ 10,780.00	\$ 100.00	\$ 30,800.00	\$ 94.00	\$ 28,952.00	\$ 93.00	\$ 28,644.00
89	Rain Bird X CZ-100-PRB-R 1" or approved equal.	EA	31	\$ 350.00	\$ 10,850.00	\$ 825.00	\$ 25,575.00	\$ 830.00	\$ 25,730.00	\$ 550.00	\$ 17,050.00
90	Rain Bird MDCFCAP Dripline Flush Valve cap in compression fitting coupler or approved equal.	EA	31	\$ 100.00	\$ 3,100.00	\$ 94.00	\$ 2,914.00	\$ 88.00	\$ 2,728.00	\$ 190.00	\$ 5,890.00
91	Rain Bird ARV075 3/4" 3/4" Air Relief Valve, made of quality rust-proof materials, with a 6.0" drip valve box (SEB 7XB emitter box). Use with installation below soil. The valve will allow air to escape the pipeline, thus preventing water hammer or blockage or approved equal.	EA	31	\$ 100.00	\$ 3,100.00	\$ 110.00	\$ 3,410.00	\$ 105.00	\$ 3,255.00	\$ 104.00	\$ 3,224.00
92	Netafim TLCV-04-12 (12) or approved equal.	SF	34315	\$ 1.50	\$ 51,472.50	\$ 1.50	\$ 51,472.50	\$ 1.50	\$ 51,472.50	\$ 3.00	\$ 102,945.00
93	Rain Bird EFB-CP-PRS-D 1" or approved equal.	EA	10	\$ 350.00	\$ 3,500.00	\$ 850.00	\$ 8,500.00	\$ 795.00	\$ 7,950.00	\$ 450.00	\$ 4,500.00
94	Rain Bird EFB-CP-PRS-D 1-1/4" or approved equal.	EA	2	\$ 350.00	\$ 700.00	\$ 815.00	\$ 1,630.00	\$ 828.00	\$ 1,656.00	\$ 460.00	\$ 920.00
95	Rain Bird 44-LRC 1" 1" Brass Quick-Coupling Valve, with Corrosion-Resistant Stainless-Steel Spring, Locking Thermoplastic Rubber Cover, and 2-Piece Body or approved equal.	EA	49	\$ 300.00	\$ 14,700.00	\$ 570.00	\$ 27,930.00	\$ 552.00	\$ 27,048.00	\$ 300.00	\$ 14,700.00
96	Nibco T-113-K or approved equal.	EA	28	\$ 300.00	\$ 8,400.00	\$ 640.00	\$ 17,920.00	\$ 635.00	\$ 17,780.00	\$ 430.00	\$ 12,040.00
97	Superior 3100 1" Normally open design, solid brass construction, electric.	EA	12	\$ 400.00	\$ 4,800.00	\$ 820.00	\$ 9,840.00	\$ 939.00	\$ 11,268.00	\$ 375.00	\$ 4,500.00
98	Febco 825Y 1" Reduced Pressure Backflow Preventer or approved equal.	EA	12	\$ 4,000.00	\$ 48,000.00	\$ 3,950.00	\$ 47,400.00	\$ 3,900.00	\$ 46,800.00	\$ 2,000.00	\$ 24,000.00
99	WeatherTrak ET Pro3 Series or approved equal.	EA	12	\$ 5,000.00	\$ 60,000.00	\$ 19,000.00	\$ 228,000.00	\$ 18,000.00	\$ 216,000.00	\$ 14,000.00	\$ 168,000.00
100	Rain Bird RSD-BEx Rain Sensor, with metal latching bracket, extension wire or approved equal.	EA	12	\$ 250.00	\$ 3,000.00	\$ 6,000.00	\$ 72,000.00	\$ 828.00	\$ 9,936.00	\$ 300.00	\$ 3,600.00
101	Netafim Octave #360OCT02GAL0.1 or approved equal.	EA	12	\$ 350.00	\$ 4,200.00	\$ 2,950.00	\$ 35,400.00	\$ 3,300.00	\$ 39,600.00	\$ 3,000.00	\$ 36,000.00
102	Irrigation Lateral Line: PVC Schedule 40 3/4" PVC Schedule 40 irrigation pipe.	LF	9054	\$ 4.50	\$ 40,743.00	\$ 4.00	\$ 36,216.00	\$ 4.00	\$ 36,216.00	\$ 4.00	\$ 36,216.00
103	Irrigation Lateral Line: PVC Schedule 40 1"	LF	541	\$ 5.50	\$ 2,975.50	\$ 4.40	\$ 2,380.40	\$ 4.15	\$ 2,245.15	\$ 4.50	\$ 2,434.50
104	Irrigation Lateral Line: PVC Schedule 40 1 1/4" PVC Schedule 40 irrigation pipe.	LF	327	\$ 6.50	\$ 2,125.50	\$ 5.00	\$ 1,635.00	\$ 4.75	\$ 1,553.25	\$ 5.00	\$ 1,635.00
105	Irrigation Lateral Line: PVC Schedule 40 1 1/2"	LF	20	\$ 6.50	\$ 130.00	\$ 6.00	\$ 120.00	\$ 5.50	\$ 110.00	\$ 5.00	\$ 100.00

CITY ENGINEER'S ESTIMATE

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

Century Boulevard Extension - Grape Street to Alameda Street

Federal Project Number: STPL-5006(810), W.O.: E1907358



DETAILED RESULTS				CITY ENGINEER'S ESTIMATE		SULLY-MILLER CONTRACTING COMPANY		PALP Inc., dba EXCEL PAVING COMPANY		OHL USA, Inc. dba OHL USA, Inc.	
ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
106	Irrigation Mainline: PVC Schedule 80 1 1/4"	LF	625	\$ 6.50	\$ 4,062.50	\$ 6.00	\$ 3,750.00	\$ 6.00	\$ 3,750.00	\$ 5.00	\$ 3,125.00
107	Irrigation Mainline: PVC Schedule 80 2"	LF	4671	\$ 7.50	\$ 35,032.50	\$ 6.80	\$ 31,762.80	\$ 6.50	\$ 30,361.50	\$ 6.30	\$ 29,427.30
108	Irrigation Mainline: PVC Schedule 80 2 1/2"	LF	1200	\$ 7.50	\$ 9,000.00	\$ 7.40	\$ 8,880.00	\$ 7.00	\$ 8,400.00	\$ 8.00	\$ 9,600.00
109	Pipe Sleeve: PVC Schedule 40 Typical pipe sleeve for irrigation pipe. Pipe sleeve size shall allow for irrigation piping and their related couplings to easily slide through sleeving material. Extend sleeves 6 inches beyond edges of paving or construction.	LF	2506	\$ 7.50	\$ 18,795.00	\$ 10.50	\$ 26,313.00	\$ 11.00	\$ 27,566.00	\$ 15.00	\$ 37,590.00
110	Mulch	SF	34315	\$ 0.50	\$ 17,157.50	\$ 1.00	\$ 34,315.00	\$ 1.00	\$ 34,315.00	\$ 1.00	\$ 34,315.00
111	Carex divulsa / Berkeley Sedge 1 gal	EA	3404	\$ 12.00	\$ 40,848.00	\$ 10.50	\$ 35,742.00	\$ 10.00	\$ 34,040.00	\$ 6.00	\$ 20,424.00
112	Carex pansa / Sanddune Sedge 1 gal	EA	6651	\$ 12.00	\$ 79,812.00	\$ 10.50	\$ 69,835.50	\$ 10.00	\$ 66,510.00	\$ 7.50	\$ 49,882.50
113	Encelia californica / California Encelia 1 gal	EA	101	\$ 12.00	\$ 1,212.00	\$ 11.00	\$ 1,111.00	\$ 11.00	\$ 1,111.00	\$ 7.00	\$ 707.00
114	Helictotrichon sempervirens / Blue Oat Grass 5 gal	EA	559	\$ 21.00	\$ 11,739.00	\$ 29.50	\$ 16,490.50	\$ 27.50	\$ 15,372.50	\$ 20.00	\$ 11,180.00
115	Juncus patens 'Elk Blue' / Spreading Rush 1 gal	EA	2024	\$ 12.00	\$ 24,288.00	\$ 10.50	\$ 21,252.00	\$ 10.00	\$ 20,240.00	\$ 6.00	\$ 12,144.00
116	Kniphofia galpinii / Torch Lily 5 gal	EA	852	\$ 21.00	\$ 17,892.00	\$ 26.00	\$ 22,152.00	\$ 24.00	\$ 20,448.00	\$ 25.00	\$ 21,300.00
117	Muhlenbergia capillaris / Pink Muhly 1 gal	EA	677	\$ 12.00	\$ 8,124.00	\$ 11.00	\$ 7,447.00	\$ 10.50	\$ 7,108.50	\$ 7.00	\$ 4,739.00
118	Trachelospermum jasminoides / Chinese Star Jasmine 5 gallon	EA	698	\$ 21.00	\$ 14,658.00	\$ 22.00	\$ 15,356.00	\$ 21.00	\$ 14,658.00	\$ 21.00	\$ 14,658.00
119	Brachychiton acerifolius / Flame Tree	EA	13	\$ 750.00	\$ 9,750.00	\$ 1,100.00	\$ 14,300.00	\$ 980.00	\$ 12,740.00	\$ 1,000.00	\$ 13,000.00
120	Koelreuteria bipinnata / Chinese Flame Tree 36" box	EA	114	\$ 750.00	\$ 85,500.00	\$ 1,100.00	\$ 125,400.00	\$ 980.00	\$ 111,720.00	\$ 1,000.00	\$ 114,000.00
121	Phoenix dactylifera / Date Palm 20' BTH	EA	22	\$ 1,500.00	\$ 33,000.00	\$ 5,300.00	\$ 116,600.00	\$ 5,000.00	\$ 110,000.00	\$ 5,000.00	\$ 110,000.00
122	Tristania laurina / Water Gum	EA	6	\$ 750.00	\$ 4,500.00	\$ 1,100.00	\$ 6,600.00	\$ 1,000.00	\$ 6,000.00	\$ 1,000.00	\$ 6,000.00
123	Landscape Maintenance (per the Technical Specifications Page III-177, Section 3.8 "Maintenance and Plant Establishment")	LS			\$ 50,000.00		\$ 5,300.00		\$ 5,000.00		\$ 75,000.00
WATER IMPROVEMENTS											
124	12" Ductile Iron Pipe	LF	2900	\$ 215.00	\$ 623,500.00	\$ 100.00	\$ 290,000.00	\$ 150.00	\$ 435,000.00	\$ 115.00	\$ 333,500.00
125	10" Ductile Iron Pipe	LF	10	\$ 190.00	\$ 1,900.00	\$ 188.00	\$ 1,880.00	\$ 475.00	\$ 4,750.00	\$ 520.00	\$ 5,200.00
126	8" Ductile Iron Pipe	LF	1344	\$ 131.00	\$ 176,064.00	\$ 85.00	\$ 114,240.00	\$ 90.00	\$ 120,960.00	\$ 170.00	\$ 228,480.00
127	6" Ductile Iron Pipe	LF	96	\$ 115.00	\$ 11,040.00	\$ 60.00	\$ 5,760.00	\$ 80.00	\$ 7,680.00	\$ 250.00	\$ 24,000.00
128	10" Fire Service	EA	1	\$ 25,000.00	\$ 25,000.00	\$ 30,000.00	\$ 30,000.00	\$ 22,100.00	\$ 22,100.00	\$ 13,000.00	\$ 13,000.00
129	2" Irrigation Service	LF	338	\$ 25.00	\$ 8,450.00	\$ 95.00	\$ 32,110.00	\$ 90.00	\$ 30,420.00	\$ 185.00	\$ 62,530.00
130	2" Domestic Service	LF	341	\$ 25.00	\$ 8,525.00	\$ 130.00	\$ 44,330.00	\$ 125.00	\$ 42,625.00	\$ 160.00	\$ 54,560.00
131	1" Domestic Service	LF	165	\$ 20.00	\$ 3,300.00	\$ 135.00	\$ 22,275.00	\$ 107.00	\$ 17,655.00	\$ 170.00	\$ 28,050.00
132	1-1/2" Irrigation meters	EA	12	\$ 7,500.00	\$ 90,000.00	\$ 1,500.00	\$ 18,000.00	\$ 1,300.00	\$ 15,600.00	\$ 950.00	\$ 11,400.00

CITY ENGINEER'S ESTIMATE

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

Century Boulevard Extension - Grape Street to Alameda Street

Federal Project Number: STPL-5006(810), W.O.: E1907358



DETAILED RESULTS				CITY ENGINEER'S ESTIMATE		SULLY-MILLER CONTRACTING COMPANY		PALP Inc., dba EXCEL PAVING COMPANY		OHL USA, Inc. dba OHL USA, Inc.	
ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
133	Domestic Meters	EA	23	\$ 7,500.00	\$ 172,500.00	\$ 385.00	\$ 8,855.00	\$ 1,200.00	\$ 27,600.00	\$ 1,000.00	\$ 23,000.00
134	12" GV	EA	18	\$ 4,500.00	\$ 81,000.00	\$ 2,600.00	\$ 46,800.00	\$ 3,000.00	\$ 54,000.00	\$ 3,600.00	\$ 64,800.00
135	8" GV	EA	8	\$ 3,500.00	\$ 28,000.00	\$ 1,400.00	\$ 11,200.00	\$ 1,600.00	\$ 12,800.00	\$ 2,900.00	\$ 23,200.00
136	6" GV	EA	7	\$ 1,800.00	\$ 12,600.00	\$ 1,000.00	\$ 7,000.00	\$ 1,160.00	\$ 8,120.00	\$ 2,300.00	\$ 16,100.00
137	12" x 12" Cross	EA	1	\$ 1,500.00	\$ 1,500.00	\$ 2,500.00	\$ 2,500.00	\$ 1,200.00	\$ 1,200.00	\$ 2,100.00	\$ 2,100.00
138	12" x 8" Cross	EA	3	\$ 1,500.00	\$ 4,500.00	\$ 2,500.00	\$ 7,500.00	\$ 1,000.00	\$ 3,000.00	\$ 1,900.00	\$ 5,700.00
139	8" x 18" Nipple	EA	13	\$ 1,500.00	\$ 19,500.00	\$ 500.00	\$ 6,500.00	\$ 525.00	\$ 6,825.00	\$ 340.00	\$ 4,420.00
140	12" x 18" Nipple	EA	13	\$ 1,800.00	\$ 23,400.00	\$ 300.00	\$ 3,900.00	\$ 736.00	\$ 9,568.00	\$ 360.00	\$ 4,680.00
141	Fire Hydrant	EA	16	\$ 5,000.00	\$ 80,000.00	\$ 9,500.00	\$ 152,000.00	\$ 12,300.00	\$ 196,800.00	\$ 9,000.00	\$ 144,000.00
142	Reducers, Tees, Couplings and Appurtenances	LS			\$ 50,000.00		\$ 70,000.00		\$ 40,100.00		\$ 55,000.00
MISCELLANEOUS											
143	Worksite Traffic Control	LS			\$ 157,501.00		\$ 6,000.00		\$ 128,500.00		\$ 114,000.00
144	Power Undergrounding-Structural/Civil	LS			\$ 256,737.00		\$ 1,165,000.00		\$ 1,105,000.00		\$ 1,000,000.00
145	Power Undergrounding-Electrical	LS			\$ 2,400,659.00		\$ 343,000.00		\$ 330,000.00		\$ 225,000.00
146	DWP Power Vault	EA	9	\$ 50,000.00	\$ 450,000.00	\$ 23,000.00	\$ 207,000.00	\$ 22,000.00	\$ 198,000.00	\$ 93,000.00	\$ 837,000.00
147	CATV Infrastructure - 3" Conduit and Vaults/MH per utility plan	LS			\$ 50,000.00		\$ 158,000.00		\$ 150,000.00		\$ 256,000.00
148	AT&T Infrastructure - 4" Conduit and Vaults/MH per utility plan	LS			\$ 50,000.00		\$ 281,000.00		\$ 270,000.00		\$ 240,000.00
149	Additional Unclassified Excavation for Dry Utilities	CY	300	\$ 65.00	\$ 19,500.00	\$ 116.00	\$ 34,800.00	\$ 165.00	\$ 49,500.00	\$ 150.00	\$ 45,000.00
PUC Approval											
150	Curb Ramp at Tweedy and Alameda East	LS			\$ 5,000.00		\$ 17,000.00		\$ 5,000.00		\$ 5,000.00
151	Tactile Warning Strips	LS			\$ 5,000.00		\$ 2,200.00		\$ 4,400.00		\$ 3,200.00
152	New Controller and connections	LS			\$ 25,000.00		\$ 86,000.00		\$ 26,000.00		\$ 230,000.00
Total Estimated Construction Cost:				\$	14,954,482.00	\$	12,329,204.65	\$	12,866,081.40	\$	13,874,169.40
						{Low }	-17.56%	{Low}	-13.97%	{Low}	-7.22%

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

Hamilton Avenue Widening - Patton Avenue to Barbara Street

Bid Date: June 2016

Work Order No.: E1907726



DETAILED RESULTS				CITY ENGINEER'S ESTIMATE		ALL AMERICAN ASPHALT		PALP Inc., DBA EXCEL PAVING COMPANY		ALAMEDA CONSTRUCTION SERVICES, Inc.	
ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
1	MOBILIZATION per the General Requirements, Sections 01292 and 01721	LS			\$ 68,862.00		\$ 52,000.00		\$ 60,000.00		\$ 68,862.00
2	Modified Class B Office Air Conditioning & Broadband Internet access	LS			\$ 18,000.00		\$ 18,000.00		\$ 30,000.00		\$ 10,000.00
3	ALLOWANCE for Differing Site Condition per the General Requirements, Sections 01212, 01253, & 01254	LS			\$ 90,000.00		\$ 90,000.00		\$ 90,000.00		\$ 90,000.00
4	ALLOWANCE for Payment for Permits per the General Requirements, Section 01292	LS			\$ 10,000.00		\$ 10,000.00		\$ 10,000.00		\$ 10,000.00
5	ALLOWANCE for Additional Potholing per the General Requirements, Sections 01253, 01254, & 01732	LS			\$ 5,000.00		\$ 5,000.00		\$ 5,000.00		\$ 5,000.00
REMOVALS											
6	Clearing & Grubbing	LS			\$ 75,000.00		\$ 33,000.00		\$ 30,000.00		\$ 16,000.00
7	Concrete Driveway	SF	1,100	\$ 2.50	\$ 2,750.00	\$ 3.70	\$ 4,070.00	\$ 3.00	\$ 3,300.00	\$ 3.00	\$ 3,300.00
8	Wooden Retaining Beam	LF	50	\$ 10.00	\$ 500.00	\$ 143.50	\$ 7,175.00	\$ 30.00	\$ 1,500.00	\$ 20.00	\$ 1,000.00
9	Concrete Pad	SF	1,050	\$ 2.50	\$ 2,625.00	\$ 3.85	\$ 4,042.50	\$ 3.00	\$ 3,150.00	\$ 3.00	\$ 3,150.00
10	Tree Removal	EA	16	\$ 1,000.00	\$ 16,000.00	\$ 1,035.00	\$ 16,560.00	\$ 900.00	\$ 14,400.00	\$ 750.00	\$ 12,000.00
11	Asphalt Concrete (AC) Pavement	SF	12,150	\$ 2.00	\$ 24,300.00	\$ 2.50	\$ 30,375.00	\$ 1.00	\$ 12,150.00	\$ 3.00	\$ 36,450.00
12	Unclassified Excavation	CY	685	\$ 50.00	\$ 34,250.00	\$ 72.00	\$ 49,320.00	\$ 60.00	\$ 41,100.00	\$ 125.00	\$ 85,625.00
13	Structural Excavation	CY	166	\$ 50.00	\$ 8,300.00	\$ 103.00	\$ 17,098.00	\$ 60.00	\$ 9,960.00	\$ 125.00	\$ 20,750.00
14	Concrete Sidewalk Including Curb Ramps	SF	905	\$ 2.50	\$ 2,262.50	\$ 2.70	\$ 2,443.50	\$ 10.00	\$ 9,050.00	\$ 4.00	\$ 3,620.00
15	Remove Chain Link Fence, H=6'	LF	358	\$ 31.00	\$ 11,098.00	\$ 11.00	\$ 3,938.00	\$ 11.00	\$ 3,938.00	\$ 7.00	\$ 2,506.00
16	Remove Concrete Block Wall	LF	65	\$ 55.00	\$ 3,575.00	\$ 62.00	\$ 4,030.00	\$ 100.00	\$ 6,500.00	\$ 100.00	\$ 6,500.00
17	Remove Curb and Gutter	LF	160	\$ 10.00	\$ 1,600.00	\$ 14.00	\$ 2,240.00	\$ 25.00	\$ 4,000.00	\$ 15.00	\$ 2,400.00
18	Remove AC Berm	LF	35	\$ 8.00	\$ 280.00	\$ 5.75	\$ 201.25	\$ 25.00	\$ 875.00	\$ 10.00	\$ 350.00
19	Remove Storage Shed Including Concrete Slab (1265 W 27th St)	LS			\$ 6,500.00		\$ 8,800.00		\$ 5,000.00		\$ 2,500.00
CONSTRUCTION											
20	Unclassified Backfill	CY	150	\$ 30.00	\$ 4,500.00	\$ 28.00	\$ 4,200.00	\$ 50.00	\$ 7,500.00	\$ 125.00	\$ 18,750.00
21	Structural Backfill	CY	150	\$ 30.00	\$ 4,500.00	\$ 35.00	\$ 5,250.00	\$ 61.00	\$ 9,150.00	\$ 125.00	\$ 18,750.00
22	Concrete Sidewalk with Curb Ramps (t=4")	SF	7,520	\$ 4.50	\$ 33,840.00	\$ 4.80	\$ 36,096.00	\$ 7.00	\$ 52,640.00	\$ 9.00	\$ 67,680.00
23	6" Concrete Curb	LF	205	\$ 39.00	\$ 7,995.00	\$ 11.15	\$ 2,285.75	\$ 40.00	\$ 8,200.00	\$ 50.00	\$ 10,250.00

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

Hamilton Avenue Widening - Patton Avenue to Barbara Street

Bid Date: June 2016

Work Order No.: E1907726



DETAILED RESULTS				CITY ENGINEER'S ESTIMATE		ALL AMERICAN ASPHALT		PALP Inc., DBA EXCEL PAVING COMPANY		ALAMEDA CONSTRUCTION SERVICES, Inc.	
ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
24	Steel Pipe Handrail per STD. S-463-2	LF	23	\$ 120.00	\$ 2,760.00	\$ 240.00	\$ 5,520.00	\$ 225.00	\$ 5,175.00	\$ 273.00	\$ 6,279.00
25	6' Double Swing Chain Link Fence, H=6'	LF	24	\$ 30.00	\$ 720.00	\$ 865.00	\$ 20,760.00	\$ 1,000.00	\$ 24,000.00	\$ 351.00	\$ 8,424.00
26	Concrete Driveway (t=6")	SF	680	\$ 180.00	\$ 122,400.00	\$ 6.75	\$ 4,590.00	\$ 12.00	\$ 8,160.00	\$ 20.00	\$ 13,600.00
27	Masonry Block Wall, H=6'	LF	510	\$ 93.00	\$ 47,430.00	\$ 181.00	\$ 92,310.00	\$ 200.00	\$ 102,000.00	\$ 206.00	\$ 105,060.00
28	Wrought Iron fence, H=3.5'	LF	52	\$ 200.00	\$ 10,400.00	\$ 290.00	\$ 15,080.00	\$ 300.00	\$ 15,600.00	\$ 332.00	\$ 17,264.00
29	Construct Storage Shed Including Concrete Slab (1265 West 27th Street)	LS			\$ 12,000.00		\$ 1,930.00		\$ 10,000.00		\$ 5,000.00
30	6" AC Pavement	TON	905	\$ 105.00	\$ 95,025.00	\$ 77.00	\$ 69,685.00	\$ 100.00	\$ 90,500.00	\$ 115.00	\$ 104,075.00
31	4" Crushed Miscellaneous Base	CY	130	\$ 140.00	\$ 18,200.00	\$ 172.00	\$ 22,360.00	\$ 100.00	\$ 13,000.00	\$ 90.00	\$ 11,700.00
32	6" Crushed Miscellaneous Base	CY	420	\$ 110.00	\$ 46,200.00	\$ 73.00	\$ 30,660.00	\$ 100.00	\$ 42,000.00	\$ 80.00	\$ 33,600.00
33	Conc. Swale (W=2')	LF	80	\$ 30.00	\$ 2,400.00	\$ 13.30	\$ 1,064.00	\$ 60.00	\$ 4,800.00	\$ 50.00	\$ 4,000.00
34	Curb Drains (3" Dia.)	LF	24	\$ 50.00	\$ 1,200.00	\$ 44.00	\$ 1,056.00	\$ 100.00	\$ 2,400.00	\$ 100.00	\$ 2,400.00
35	Concrete Pavement (t=4")	SF	1,225	\$ 4.50	\$ 5,512.50	\$ 4.75	\$ 5,818.75	\$ 10.00	\$ 12,250.00	\$ 11.00	\$ 13,475.00
36	Concrete Integral Curb and Gutter, Type "C" (a = 2', b = 6")	LF	945	\$ 30.00	\$ 28,350.00	\$ 23.60	\$ 22,302.00	\$ 35.00	\$ 33,075.00	\$ 45.00	\$ 42,525.00
37	Detectable Warning Surfaces for all new constructed Curb Ramp per Caltrans Latest Standard	EA	5	\$ 350.00	\$ 1,750.00	\$ 990.00	\$ 4,950.00	\$ 700.00	\$ 3,500.00	\$ 750.00	\$ 3,750.00
38	Retaining Walls	LS			\$ 50,000.00		\$ 57,750.00		\$ 25,000.00		\$ 25,000.00
39	Retaining Wall Treatment (Form Liner) – 1244 Hamilton Av.	LS			\$ 15,000.00		\$ 12,600.00		\$ 7,500.00		\$ 5,000.00
40	Relocate 1" Copper Waterline (1242 W. Hamilton Ave)	LS			\$ 3,000.00		\$ 8,190.00		\$ 5,000.00		\$ 2,500.00
41	Temporary Construction Fencing, Chain Link Fence, H=6'	LF	550	\$ 25.00	\$ 13,750.00	\$ 14.40	\$ 7,920.00	\$ 10.00	\$ 5,500.00	\$ 38.00	\$ 20,900.00
TRAFFIC STRIPPING											
42	Traffic Stripping & Signs	LS			\$ 25,000.00		\$ 2,360.00		\$ 3,000.00		\$ 2,500.00
TRAFFIC SIGNAL											
43	Traffic Controls	LS			\$ 100,000.00		\$ 7,190.00		\$ 20,000.00		\$ 0.00
LANDSCAPING											
44	Boxed Trees	EA	32	\$ 1,200.00	\$ 38,400.00	\$ 2,100.00	\$ 67,200.00	\$ 2,000.00	\$ 64,000.00	\$ 1,000.00	\$ 32,000.00
45	Remove and Replace Plantation & Sprinkler Lines	LS			\$ 3,000.00		\$ 31,500.00		\$ 5,000.00		\$ 10,000.00
TOTAL ESTIMATED CONSTRUCTION COST:				\$ 1,074,235.00		\$ 898,920.75		\$ 918,873.00		\$ 964,495.00	
						{Low} -16.32%		{Low} -14.46%		{Low} -10.22%	

CITY ENGINEER'S ESTIMATE

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

Moorpark Avenue Widening - Woodman Avenue to Murietta Avenue

W.O. Number E1906435

Bid Date: April 2014



DETAILED RESULTS				CITY ENGINEER'S ESTIMATE		GRIFFITH COMPANY		SULLY - MILLER CONTRACTING COMPANY		PALP, INC. DBA EXCEL PAVING COMPANY	
ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
1	Mobilization per the General Requirements, section 01721	LS			\$ 50,000.00		\$ 50,000.00		\$ 45,000.00		\$ 50,000.00
2	Field Office	LS			\$ 20,000.00		\$ 36,000.00		\$ 40,000.00		\$ 25,000.00
3	Traffic Control	LS			\$ 30,000.00		\$ 80,000.00		\$ 50,000.00		\$ 104,485.00
4	Advance Construction Notice Sign - Type II(Standard Plan S-791-1)	EA	2	\$ 1,500.00	\$ 3,000.00	\$ 3,000.00	\$ 6,000.00	\$ 684.00	\$ 1,368.00	\$ 1,600.00	\$ 3,200.00
5	ALLOWANCE FOR DIFFERING SITE CONDITIONS per the General Requirements, sections 01212, 01253 & 01254	LS			\$ 50,000.00		\$ 50,000.00		\$ 50,000.00		\$ 50,000.00
STREETS											
6	Miscellaneous Clearing & Grubbing	LS			\$ 10,000.00		\$ 20,000.00		\$ 10,800.00		\$ 40,000.00
7	Remove Concrete Sidewalk (t=3")	SF	2,242	\$ 2.50	\$ 5,605.00	\$ 0.50	\$ 1,121.00	\$ 2.15	\$ 4,820.30	\$ 2.20	\$ 4,932.40
8	Remove by Cold Planing Asphalt Concrete (AC)Pavement	SF	19,535	\$ 0.80	\$ 15,628.00	\$ 0.60	\$ 11,721.00	\$ 0.50	\$ 9,767.50	\$ 0.55	\$ 10,744.25
9	Remove 8" AC Pavement	SF	14,996	\$ 3.10	\$ 46,487.60	\$ 1.50	\$ 22,494.00	\$ 2.65	\$ 39,739.40	\$ 1.50	\$ 22,494.00
10	Remove 4" AC Pavement	SF	1,184	\$ 2.50	\$ 2,960.00	\$ 1.00	\$ 1,184.00	\$ 1.40	\$ 1,657.60	\$ 1.20	\$ 1,420.80
11	Remove Rock wall 2' high	LF	7	\$ 25.00	\$ 175.00	\$ 30.00	\$ 210.00	\$ 50.00	\$ 350.00	\$ 41.50	\$ 290.50
12	Remove AC Berm	LF	188	\$ 6.00	\$ 1,128.00	\$ 1.00	\$ 188.00	\$ 3.00	\$ 564.00	\$ 1.45	\$ 272.60
13	Remove Wrought Iron Gate, H=4' high	EA	1	\$ 220.00	\$ 220.00	\$ 100.00	\$ 100.00	\$ 850.00	\$ 850.00	\$ 1,150.00	\$ 1,150.00
14	Remove 1'x18" High Brick Wall	LF	7	\$ 7.00	\$ 49.00	\$ 30.00	\$ 210.00	\$ 50.00	\$ 350.00	\$ 41.50	\$ 290.50
15	Remove Type C Integral Curb and Gutter	LF	115	\$ 9.00	\$ 1,035.00	\$ 6.00	\$ 690.00	\$ 15.00	\$ 1,725.00	\$ 15.50	\$ 1,782.50
16	Remove Type Concrete Curb	LF	153	\$ 5.00	\$ 765.00	\$ 1.40	\$ 214.20	\$ 8.00	\$ 1,224.00	\$ 10.00	\$ 1,530.00
17	Remove Concrete Pavement (t=5")	SF	694	\$ 4.00	\$ 2,776.00	\$ 0.90	\$ 624.60	\$ 3.00	\$ 2,082.00	\$ 3.15	\$ 2,186.10
18	Remove Concrete Driveway	SF	138	\$ 3.00	\$ 414.00	\$ 3.00	\$ 414.00	\$ 5.00	\$ 690.00	\$ 4.25	\$ 586.50
19	Remove Brick Paver	SF	262	\$ 6.00	\$ 1,572.00	\$ 1.20	\$ 314.40	\$ 3.50	\$ 917.00	\$ 3.00	\$ 786.00
20	Remove Concrete Block wall, H= 4' High	LF	11	\$ 17.00	\$ 187.00	\$ 42.00	\$ 462.00	\$ 48.00	\$ 528.00	\$ 52.50	\$ 577.50
21	Remove Concrete Intersection Gutter	SF	1,294	\$ 4.50	\$ 5,823.00	\$ 1.40	\$ 1,811.60	\$ 4.50	\$ 5,823.00	\$ 4.10	\$ 5,305.40
22	Remove Concrete Longitud Gutter	LF	205	\$ 7.00	\$ 1,435.00	\$ 5.25	\$ 1,076.25	\$ 17.00	\$ 3,485.00	\$ 17.00	\$ 3,485.00
23	Remove 3" Curb Drain	LF	5	\$ 20.00	\$ 100.00	\$ 60.00	\$ 300.00	\$ 180.00	\$ 900.00	\$ 110.00	\$ 550.00
24	Remove and Salvage 4' high Chain Link Fence	LF	127	\$ 8.00	\$ 1,016.00	\$ 10.00	\$ 1,270.00	\$ 5.50	\$ 698.50	\$ 5.70	\$ 723.90
25	Remove 4' High wood Fence	LF	73	\$ 12.00	\$ 876.00	\$ 7.00	\$ 511.00	\$ 10.00	\$ 730.00	\$ 5.95	\$ 434.35
26	Remove 6' High wood Fence	LF	82	\$ 14.00	\$ 1,148.00	\$ 27.00	\$ 2,214.00	\$ 9.00	\$ 738.00	\$ 6.00	\$ 492.00

CITY ENGINEER'S ESTIMATE

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

Moorpark Avenue Widening - Woodman Avenue to Murietta Avenue

W.O. Number E1906435



DETAILED RESULTS				CITY ENGINEER'S ESTIMATE		GRIFFITH COMPANY		SULLY - MILLER CONTRACTING COMPANY		PALP, INC. DBA EXCEL PAVING COMPANY	
ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
27	Remove Wood Railing (Guard Rail)	LF	5	\$ 25.00	\$ 125.00	\$ 10.00	\$ 50.00	\$ 140.00	\$ 700.00	\$ 230.00	\$ 1,150.00
28	Unclassified Excavation (Including fill)	CY	2,018	\$ 55.00	\$ 110,990.00	\$ 49.00	\$ 98,882.00	\$ 56.00	\$ 113,008.00	\$ 65.00	\$ 131,170.00
29	Remove Trees	EA	25	\$ 1,000.00	\$ 25,000.00	\$ 1,000.00	\$ 25,000.00	\$ 790.00	\$ 19,750.00	\$ 725.00	\$ 18,125.00
30	Type A Concrete Curb	LF	450	\$ 25.00	\$ 11,250.00	\$ 24.00	\$ 10,800.00	\$ 15.00	\$ 6,750.00	\$ 23.00	\$ 10,350.00
31	Type C Integral Curb and Gutter (a=2', b=8")	LF	1,395	\$ 30.00	\$ 41,850.00	\$ 38.00	\$ 53,010.00	\$ 28.00	\$ 39,060.00	\$ 30.00	\$ 41,850.00
32	Concrete Gutter (a=2', b=8")	LF	35	\$ 25.00	\$ 875.00	\$ 48.00	\$ 1,680.00	\$ 20.00	\$ 700.00	\$ 25.00	\$ 875.00
33	Intersection Gutter	SF	1,556	\$ 17.00	\$ 26,452.00	\$ 13.00	\$ 20,228.00	\$ 9.00	\$ 14,004.00	\$ 9.50	\$ 14,782.00
34	Concrete Driveway (t=4")	SF	2,041	\$ 8.00	\$ 16,328.00	\$ 10.00	\$ 20,410.00	\$ 4.50	\$ 9,184.50	\$ 5.50	\$ 11,225.50
35	Concrete Curb Ramps, Include Detectable Warning Surface	SF	1,228	\$ 8.00	\$ 9,824.00	\$ 7.00	\$ 8,596.00	\$ 8.00	\$ 9,824.00	\$ 9.75	\$ 11,973.00
36	Steps	LS			\$ 8,000.00		\$ 6,000.00		\$ 9,000.00		\$ 3,875.00
37	Pipe Handrail	LF	114	\$ 20.00	\$ 2,280.00	\$ 144.00	\$ 16,416.00	\$ 150.00	\$ 17,100.00	\$ 140.00	\$ 15,960.00
38	Brick Paver	SF	90	\$ 20.00	\$ 1,800.00	\$ 28.00	\$ 2,520.00	\$ 55.00	\$ 4,950.00	\$ 105.00	\$ 9,450.00
39	Concrete Pavement (t=4")	SF	196	\$ 5.00	\$ 980.00	\$ 12.00	\$ 2,352.00	\$ 5.00	\$ 980.00	\$ 15.00	\$ 2,940.00
40	Concrete Sidewalk (t=3")	SF	9,143	\$ 5.00	\$ 45,715.00	\$ 5.25	\$ 48,000.75	\$ 4.50	\$ 41,143.50	\$ 5.00	\$ 45,715.00
41	9" AC Pavement	TON	883	\$ 120.00	\$ 105,960.00	\$ 104.00	\$ 91,832.00	\$ 98.00	\$ 86,534.00	\$ 98.00	\$ 86,534.00
42	4" AC Pavement	TON	32	\$ 120.00	\$ 3,840.00	\$ 220.00	\$ 7,040.00	\$ 214.00	\$ 6,848.00	\$ 225.00	\$ 7,200.00
43	Variable Thickness AC Wearing Surface pavement (t=2" Min.)	TON	620	\$ 120.00	\$ 74,400.00	\$ 80.00	\$ 49,600.00	\$ 103.00	\$ 63,860.00	\$ 87.50	\$ 54,250.00
44	4" Crushed Miscellaneous Base (CMB)	SF	14,115	\$ 1.50	\$ 21,172.50	\$ 1.55	\$ 21,878.25	\$ 0.80	\$ 11,292.00	\$ 2.40	\$ 33,876.00
45	12" CMB	SF	23,903	\$ 4.50	\$ 107,563.50	\$ 1.40	\$ 33,464.20	\$ 1.50	\$ 35,854.50	\$ 1.25	\$ 29,878.75
46	3" Curb Drain	LF	19	\$ 50.00	\$ 950.00	\$ 97.00	\$ 1,843.00	\$ 50.00	\$ 950.00	\$ 93.00	\$ 1,767.00
47	4" Pipe Post Barrier Per Standard Plan S-442	EA	1	\$ 200.00	\$ 200.00	\$ 1,200.00	\$ 1,200.00	\$ 750.00	\$ 750.00	\$ 1,650.00	\$ 1,650.00
48	Adjust Maintenance Hole (MH) to Grade	EA	1	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,700.00	\$ 1,700.00	\$ 1,000.00	\$ 1,000.00
47	4" Pipe Post Barrier Per Standard Plan S-442	EA	1	\$ 200.00	\$ 200.00	\$ 1,200.00	\$ 1,200.00	\$ 750.00	\$ 750.00	\$ 1,650.00	\$ 1,650.00
48	Adjust Maintenance Hole (MH) to Grade	EA	1	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,700.00	\$ 1,700.00	\$ 1,000.00	\$ 1,000.00
LANDSCAPING (Sheets L001-L707)											
49	Clearing & Grubbing	SF	940	\$ 0.70	\$ 658.00	\$ 6.75	\$ 6,345.00	\$ 2.40	\$ 2,256.00	\$ 0.80	\$ 752.00
50	Weed Removal/Control	SF	940	\$ 0.60	\$ 564.00	\$ 0.50	\$ 470.00	\$ 1.20	\$ 1,128.00	\$ 1.05	\$ 987.00
51	Finish Grading	SF	1490	\$ 1.00	\$ 1,490.00	\$ 2.00	\$ 2,980.00	\$ 1.43	\$ 2,130.70	\$ 4.70	\$ 7,003.00
52	Class A Topsoil (Or prepared soil)	CY	36	\$ 110.00	\$ 3,960.00	\$ 56.00	\$ 2,016.00	\$ 86.00	\$ 3,096.00	\$ 79.25	\$ 2,853.00
53	Excavation/Haul away	CY	46	\$ 55.00	\$ 2,530.00	\$ 108.00	\$ 4,968.00	\$ 86.00	\$ 3,956.00	\$ 78.00	\$ 3,588.00

CITY ENGINEER'S ESTIMATE

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

Moorpark Avenue Widening - Woodman Avenue to Murietta Avenue

W.O. Number E1906435



DETAILED RESULTS				CITY ENGINEER'S ESTIMATE		GRIFFITH COMPANY		SULLY -MILLER CONTRACTING COMPANY		PALP, INC. DBA EXCEL PAVING COMPANY	
ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
54	Grass Installation	SF	350	\$ 1.70	\$ 595.00	\$ 3.50	\$ 1,225.00	\$ 6.00	\$ 2,100.00	\$ 5.50	\$ 1,925.00
55	24" Box Street Tree (with stakes)	EA	33	\$ 700.00	\$ 23,100.00	\$ 500.00	\$ 16,500.00	\$ 384.00	\$ 12,672.00	\$ 395.00	\$ 13,035.00
56	24" Root Barrier @Tree Wells	EA	22	\$ 120.00	\$ 2,640.00	\$ 128.00	\$ 2,816.00	\$ 172.00	\$ 3,784.00	\$ 160.00	\$ 3,520.00
57	Decomposed Granite @ Tree Wells (3" deep)	SF	400	\$ 7.00	\$ 2,800.00	\$ 6.70	\$ 2,680.00	\$ 4.30	\$ 1,720.00	\$ 4.00	\$ 1,600.00
58	Crushed Aggregate @ Tree Wells	CY	9	\$ 70.00	\$ 630.00	\$ 56.00	\$ 504.00	\$ 115.00	\$ 1,035.00	\$ 105.00	\$ 945.00
59	Sawcut New Tree Wells	EA	6	\$ 340.00	\$ 2,040.00	\$ 337.00	\$ 2,022.00	\$ 340.00	\$ 2,040.00	\$ 610.00	\$ 3,660.00
60	Soil Preparation	SF	940	\$ 1.40	\$ 1,316.00	\$ 3.00	\$ 2,820.00	\$ 1.75	\$ 1,645.00	\$ 1.60	\$ 1,504.00
61	Tree Trimming	EA	5	\$ 700.00	\$ 3,500.00	\$ 325.00	\$ 1,625.00	\$ 332.00	\$ 1,660.00	\$ 300.00	\$ 1,500.00
62	24" Box Replacement Trees	EA	17	\$ 700.00	\$ 11,900.00	\$ 500.00	\$ 8,500.00	\$ 155.00	\$ 2,635.00	\$ 475.00	\$ 8,075.00
63	Watering Truck	LS			\$ 11,000.00		\$ 32,000.00		\$ 5,730.00		\$ 7,900.00
64	365 Day Plant Establishment	LS			\$ 14,000.00		\$ 26,000.00		\$ 21,000.00		\$ 21,000.00
STREET LIGHTING SYSTEM											
65	Remove and dispose of non-asbestos contaminated foundation and pullbox, and restoring surface to match existing surface.	EA	1	\$ 350.00	\$ 350.00	\$ 1,700.00	\$ 1,700.00	\$ 1,798.00	\$ 1,798.00	\$ 755.00	\$ 755.00
66	Remove & dispose of existing wires per general notes on sheet 1 of project plans	LS			\$ 1,030.00		\$ 800.00		\$ 852.00		\$ 1,575.00
67	Remove existing pullbox per plan and restore surface to match adjacent surface	EA	4	\$ 275.00	\$ 1,100.00	\$ 225.00	\$ 900.00	\$ 236.00	\$ 944.00	\$ 105.00	\$ 420.00
68	Remove and dispose of complete electrolier assembly	EA	6	\$ 330.00	\$ 1,980.00	\$ 1,000.00	\$ 6,000.00	\$ 1,015.00	\$ 6,090.00	\$ 425.00	\$ 2,550.00
69	Remove and dispose of lum, lamp, and ballast per plan	LS			\$ 110.00		\$ 800.00		\$ 852.00		\$ 530.00
70	New overhead service per plan sheets SL-1through SL-5 (pages 8 through 12)	EA	1	\$ 1,320.00	\$ 1,320.00	\$ 1,600.00	\$ 1,600.00	\$ 1,690.00	\$ 1,690.00	\$ 5,250.00	\$ 5,250.00
71	1" galvanized cond. (Parkway) including excavations and restoring surface to match adjacent surface	LF	30	\$ 22.00	\$ 660.00	\$ 39.00	\$ 1,170.00	\$ 41.00	\$ 1,230.00	\$ 85.00	\$ 2,550.00
72	1 ½" galvanized cond. (Parkway) including excavations and restoring surface to match adjacent surface	LF	2,280	\$ 33.00	\$ 75,240.00	\$ 26.00	\$ 59,280.00	\$ 27.00	\$ 61,560.00	\$ 23.00	\$ 52,440.00
73	2" galvanized cond. (Parkway) including excavations and restoring surface to match adjacent surface	LF	100	\$ 40.00	\$ 4,000.00	\$ 31.00	\$ 3,100.00	\$ 33.00	\$ 3,300.00	\$ 32.00	\$ 3,200.00
74	2" galvanized conduit (Street cross) including excavations and restoring surface to match adjacent surface	LF	570	\$ 45.00	\$ 25,650.00	\$ 46.00	\$ 26,220.00	\$ 48.00	\$ 27,360.00	\$ 36.00	\$ 20,520.00
75	#10 THWN AWG solid wire	LS			\$ 4,800.00		\$ 3,200.00		\$ 3,300.00		\$ 2,100.00

CITY ENGINEER'S ESTIMATE

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

Moorpark Avenue Widening - Woodman Avenue to Murietta Avenue

W.O. Number E1906435



DETAILED RESULTS				CITY ENGINEER'S ESTIMATE		GRIFFITH COMPANY		SULLY -MILLER CONTRACTING COMPANY		PALP, INC. DBA EXCEL PAVING COMPANY	
ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
76	#6 AWG stranded wire	LS			\$ 20,500.00		\$ 21,000.00		\$ 21,755.00		\$ 10,575.00
77	Pullbox, type 2 Armorcast including lid, bends, excavating, & restoring surface to match adjacent surface	EA	43	\$ 440.00	\$ 18,920.00	\$ 436.00	\$ 18,748.00	\$ 452.00	\$ 19,436.00	\$ 685.00	\$ 29,455.00
78	Pullbox, type 3, including lid, bends, excavating, and restoring surface to match adjacent surface	EA	3	\$ 440.00	\$ 1,320.00	\$ 725.00	\$ 2,175.00	\$ 752.00	\$ 2,256.00	\$ 850.00	\$ 2,550.00
79	10 amp fuse kit (includes cartridge fuse)	EA	60	\$ 35.00	\$ 2,100.00	\$ 100.00	\$ 6,000.00	\$ 103.00	\$ 6,180.00	\$ 68.75	\$ 4,125.00
80	30 amp fuse kit (includes cartridge fuse)	EA	20	\$ 55.00	\$ 1,100.00	\$ 115.00	\$ 2,300.00	\$ 122.00	\$ 2,440.00	\$ 84.50	\$ 1,690.00
81	Foundation (CD953, B-3685) including cap, excavation all bends and restoring surface to match adjacent surface	EA	28	\$ 550.00	\$ 15,400.00	\$ 1,100.00	\$ 30,800.00	\$ 1,130.00	\$ 31,640.00	\$ 950.00	\$ 26,600.00
82	CD953C Pole with 6' arm	EA	28	\$ 1,650.00	\$ 46,200.00	\$ 1,500.00	\$ 42,000.00	\$ 1,585.00	\$ 44,380.00	\$ 1,585.00	\$ 44,380.00
83	Beta LEDway 40 LEDs	EA	3	\$ 650.00	\$ 1,950.00	\$ 900.00	\$ 2,700.00	\$ 900.00	\$ 2,700.00	\$ 1,365.00	\$ 4,095.00
84	Beta LEDway 80 LEDs	EA	36	\$ 900.00	\$ 32,400.00	\$ 800.00	\$ 28,800.00	\$ 832.00	\$ 29,952.00	\$ 795.00	\$ 28,620.00
85	ROAM Node per plan. Purchase and pickup per BSL directive 413	EA	39	\$ 100.00	\$ 3,900.00	\$ 200.00	\$ 7,800.00	\$ 212.00	\$ 8,268.00	\$ 115.00	\$ 4,485.00
86	Temporary lighting per plan	EA	7	\$ 330.00	\$ 2,310.00	\$ 1,300.00	\$ 9,100.00	\$ 1,376.00	\$ 9,632.00	\$ 2,135.00	\$ 14,945.00
TRAFFIC SIGNALS											
87	Traffic Signals	LS			\$ 165,500.00		\$ 111,700.00		\$ 213,000.00		\$ 200,000.00
STRIPING AND SIGNS											
88	Striping and Signs	LS			\$ 23,000.00		\$ 16,000.00		\$ 16,150.00		\$ 14,925.00
STORM DRAINS											
89	Install 24" RCP (Case I bedding)	LF	81	\$ 310.00	\$ 25,110.00	\$ 150.00	\$ 12,150.00	\$ 250.00	\$ 20,250.00	\$ 215.00	\$ 17,415.00
90	Install 18" RCP (Case I bedding)	LF	32	\$ 220.00	\$ 7,040.00	\$ 222.00	\$ 7,104.00	\$ 240.00	\$ 7,680.00	\$ 180.00	\$ 5,760.00
91	Install 18" RCP (Case II bedding)	LF	36	\$ 250.00	\$ 9,000.00	\$ 230.00	\$ 8,280.00	\$ 240.00	\$ 8,640.00	\$ 160.00	\$ 5,760.00
92	Connections of new 24" RCP to 36" existing RCP (At C-4 Sheet 4) per Plan SD-1 (Sheet 7)	EA	1	\$ 8,000.00	\$ 8,000.00	\$ 8,000.00	\$ 8,000.00	\$ 10,500.00	\$ 10,500.00	\$ 4,300.00	\$ 4,300.00
93	Curb Opening Catch Basin (W=7') Depth Vi=5.3', Vo=5.5'	EA	1	\$ 9,000.00	\$ 9,000.00	\$ 6,000.00	\$ 6,000.00	\$ 6,980.00	\$ 6,980.00	\$ 6,500.00	\$ 6,500.00
94	Curb Opening Catch Basin (W=7') Depth V=4'	EA	1	\$ 8,500.00	\$ 8,500.00	\$ 6,000.00	\$ 6,000.00	\$ 6,980.00	\$ 6,980.00	\$ 6,400.00	\$ 6,400.00
95	Curb Opening Catch Basin (W=21') Depth V=6'	EA	1	\$ 13,300.00	\$ 13,300.00	\$ 10,000.00	\$ 10,000.00	\$ 12,600.00	\$ 12,600.00	\$ 14,350.00	\$ 14,350.00
96	MH at Line A Sta. 0+62.30	EA	1	\$ 13,300.00	\$ 13,300.00	\$ 7,000.00	\$ 7,000.00	\$ 6,100.00	\$ 6,100.00	\$ 7,100.00	\$ 7,100.00
Total Estimated Construction Cost:				\$	1,496,267.60	\$	1,393,330.25	\$	1,433,832.50	\$	1,494,082.55
						{Low}	-6.88%	{Low}	-4.17%	{Low}	-0.15%

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

Valley Boulevard Grade Separation Near Eastern Avenue
W.O. E6000871, Federal Project No. HP21L-5006(162)

Bid Date: January 2007



DETAILED RESULTS				City Engineer's Estimate		Sema Construction, Inc.		T.T.Polich & Associates, A JV		Shimmick Construction Company Inc	
BID ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
	GENERAL										
1	Mobilization	LS			\$600,000		\$600,000.00		\$600,000.00		\$600,000.00
2	Field Office	LS			\$230,000		\$160,000.00		\$300,000.00		\$150,000.00
3	Allowance for Engineer's Office Equipment	LS			\$100,000		\$100,000.00		\$100,000.00		\$100,000.00
4	Allowance for Railroad Flagger	LS			\$100,000		\$100,000.00		\$100,000.00		\$100,000.00
5	Allowance for unforeseen work	LS			\$2,700,000		\$2,700,000.00		\$2,700,000.00		\$2,700,000.00
6	Opportunity to Partner Allowance per General Requirements Section 01353	LS			\$20,000		\$20,000.00		\$20,000.00		\$20,000.00
	STREETS										
7	Clearing & Grubbing	LS			\$950,000		\$1,000,000.00		\$420,000.00		\$900,000.00
8	Remove existing Asphalt Concrete Pavement by Cold Planer	SF	40,482	\$2.00	\$80,964	\$1.00	\$40,482.00	\$0.75	\$30,361.50	\$0.50	\$20,241.00
9	Remove catch basin	EA	20	\$2,000.00	\$40,000	\$1,750.00	\$35,000.00	\$1,866.00	\$37,320.00	\$4,500.00	\$90,000.00
10	Compacted Fill with On-Site Excavated Material	CY	14,385	\$50.00	\$719,249	\$12.00	\$172,619.76	\$11.00	\$158,234.78	\$16.50	\$237,352.17
11	Unclassified excavation	CY	14,385	\$40.00	\$575,399	\$15.00	\$215,774.70	\$7.00	\$100,694.86	\$13.20	\$189,881.74
12	Imported Fill	CY	52,280	\$50.00	\$2,614,000	\$8.00	\$418,240.00	\$12.50	\$653,500.00	\$13.00	\$679,640.00
13	Conc. integral curb and gutter, Type "C" (a=2', b=8")	LF	9,028	\$32.00	\$288,896	\$39.00	\$352,092.00	\$29.50	\$266,326.00	\$32.00	\$288,896.00
14	Conc. Curb, Type "C"	LF	34	\$19.00	\$646	\$100.00	\$3,400.00	\$51.50	\$1,751.00	\$52.00	\$1,768.00
15	6" Conc. Driveway, incl. curb for Case 4 dwy.	SF	11,603	\$7.00	\$81,221	\$11.00	\$127,633.00	\$5.50	\$63,816.50	\$9.00	\$104,427.00
16	4" Conc. Sidewalk (Including Curb Ramps)	SF	56,800	\$5.80	\$329,440	\$9.00	\$511,200.00	\$4.50	\$255,600.00	\$6.25	\$355,000.00
17	8" Block Wall, 3 ft High	SF	390	\$41.50	\$16,185	\$50.00	\$19,500.00	\$25.00	\$9,750.00	\$45.00	\$17,550.00
18	Conc. Steps at 2108 Marianna Avenue	LS			\$4,000		\$20,000.00		\$10,000.00		\$5,500.00
19	4" Dia. Curb Drain	LF	40	\$50.00	\$2,000	\$30.00	\$1,200.00	\$86.00	\$3,440.00	\$62.00	\$2,480.00
20	3" Dia. Curb Drain	LF	434	\$50.00	\$21,700	\$30.00	\$13,020.00	\$49.00	\$21,266.00	\$46.00	\$19,964.00
21	6' High Fence along Railroad Right of Way	LF	2,136	\$50.00	\$106,800	\$19.00	\$40,584.00	\$31.00	\$66,216.00	\$35.00	\$74,760.00
22	6' H Chain Link Fence (S-691-0)	LF	834	\$32.00	\$26,688	\$31.00	\$25,854.00	\$41.00	\$34,194.00	\$35.00	\$29,190.00
23	6' H Chain Link Fence w/Barbed Wire	LF	155	\$42.00	\$6,510	\$43.00	\$6,665.00	\$1,375.00	\$213,125.00	\$45.00	\$6,975.00
24	Adjust sewer maintenance hole to grade	EA	29	\$600.00	\$17,400	\$500.00	\$14,500.00	\$2,500.00	\$72,500.00	\$1,000.00	\$29,000.00
25	Adjust storm drain maintenance hole to grade	EA	3	\$600.00	\$1,800	\$500.00	\$1,500.00	\$2,491.00	\$7,473.00	\$950.00	\$2,850.00
26	8" Crushed Miscellaneous Base (C.M.B.)	SF	249,340	\$1.40	\$349,076	\$1.00	\$249,340.00	\$1.30	\$324,142.00	\$1.10	\$274,274.00
27	4" Crushed Miscellaneous Base (C.M.B.)	SF	99,850	\$0.90	\$89,865	\$0.85	\$84,872.50	\$1.58	\$157,763.00	\$1.36	\$135,796.00
28	8" Asphalt Concrete Pavement	SF	216,381	\$9.00	\$1,947,429	\$4.15	\$897,981.15	\$4.00	\$865,524.00	\$8.20	\$1,774,324.20

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



Valley Boulevard Grade Separation Near Eastern Avenue
W.O. E6000871, Federal Project No. HP21L-5006(162)

DETAILED RESULTS				City Engineer's Estimate		Sema Construction, Inc.		T.T.Polich & Associates, A JV		Shimmick Construction Company Inc	
BID ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
29	6" Asphalt Concrete Pavement	SF	9,243	\$7.00	\$64,701	\$3.15	\$29,115.45	\$4.00	\$36,972.00	\$6.00	\$55,458.00
30	4" Asphalt Concrete Pavement	SF	13844	\$5.00	\$69,220	\$2.00	\$27,688.00	\$2.50	\$34,610.00	\$4.00	\$55,376.00
31	Variable Thickness AC Pavement	TN	989	\$220.00	\$217,580	\$100.00	\$98,900.00	\$100.00	\$98,900.00	\$165.00	\$163,185.00
32	Temporary A.C. Pavement (min. 4" for Detour) including removal	TN	3,802	\$220.00	\$836,440	\$110.00	\$418,220.00	\$116.00	\$441,032.00	\$130.00	\$494,260.00
33	Temporary Shoring (for Detour)	LS			\$888,750		\$185,000.00		\$600,000.00		\$75,000.00
34	Temporary Catch Basins and Piping (for Detour)	LS			\$28,000		\$100,000.00		\$67,000.00		\$32,000.00
35	8" Conc. Pvm. Bus Pad	SF	3,265	\$7.70	\$25,141	\$12.00	\$39,180.00	\$8.50	\$27,752.50	\$12.00	\$39,180.00
36	6" Conc. Pvm.	SF	10,232	\$7.00	\$71,624	\$9.50	\$97,204.00	\$15.50	\$158,596.00	\$9.00	\$92,088.00
37	6" Concrete Longitudinal Gutter (4' wide, v=3/4")	SF	376	\$10.00	\$3,760	\$16.00	\$6,016.00	\$8.00	\$3,008.00	\$10.50	\$3,948.00
38	6" Concrete Intersection Gutter (4' wide)	SF	1,330	\$10.00	\$13,300	\$16.00	\$21,280.00	\$8.00	\$10,640.00	\$12.50	\$16,625.00
39	Pipe Handrail per S-463-1	LF	981	\$71.50	\$70,142	\$70.00	\$68,670.00	\$60.00	\$58,860.00	\$74.00	\$72,594.00
40	Improvements to 4880 Valley Blvd - Sheets C11 and C-14	LS			\$202,384		\$100,000.00		\$106,000.00		\$75,000.00
41	Parking Lot Improvements per Sheets C-24 and C-25 of Addendum No. 1	LS			\$76,080		\$200,000.00		\$70,000.00		\$70,000.00
42	Conc. Stairs for 1974 Marianna Avenue See Sheet C-12, S-19	LS			\$1,150		\$14,000.00		\$9,700.00		\$20,000.00
43	Improvements to 2020 Marianna Avenue shown on Sheet A-2	LS			\$14,200		\$90,000.00		\$67,250.00		\$150,000.00
	SEWER										
44	Shoring of open excavations	LS			\$11,500		\$25,000.00		\$700,000.00		\$5,000.00
45	Remove MHs, Backfill & Compaction	EA	10	\$5,750.00	\$57,500	\$3,000.00	\$30,000.00	\$7,167.00	\$71,670.00	\$2,300.00	\$23,000.00
46	Abandoned MHs	EA	2	\$1,730.00	\$3,460	\$2,000.00	\$4,000.00	\$1,552.00	\$3,104.00	\$2,800.00	\$5,600.00
47	Sewer Bypass	LS			\$5,750		\$15,000.00		\$300,000.00		\$20,000.00
48	24" VCP Sewer, 16-18 ft Deep (Case 1 Bedding)	LF	30	\$350.00	\$10,500	\$370.00	\$11,100.00	\$61.00	\$1,830.00	\$1,610.00	\$48,300.00
49	21" VCP Sewer, 19-24 ft Deep (Case 1 Bedding)	LF	12	\$370.00	\$4,440	\$680.00	\$8,160.00	\$53.00	\$636.00	\$2,000.00	\$24,000.00
50	8" VCP Sewer, 8-10 ft Deep (Case 1 Bedding)	LF	462	\$205.00	\$94,710	\$100.00	\$46,200.00	\$293.00	\$135,366.00	\$250.00	\$115,500.00
51	6" VCP HC Sewer, (Case 1 Bedding)	EA	1	\$350.00	\$350	\$2,000.00	\$2,000.00	\$1,502.00	\$1,502.00	\$20,500.00	\$20,500.00
52	Maintenance hole "B" incl. Frame and Cover	EA	7	\$11,500.00	\$80,500	\$15,000.00	\$105,000.00	\$8,476.00	\$59,332.00	\$21,000.00	\$147,000.00
53	Maintenance hole "F", incl. Frame and Cover	EA	2	\$4,600.00	\$9,200	\$15,000.00	\$30,000.00	\$7,500.00	\$15,000.00	\$21,000.00	\$42,000.00
54	Remodel Maintenance Hole Base	EA	2	\$1,150.00	\$2,300	\$2,000.00	\$4,000.00	\$3,412.00	\$6,824.00	\$2,200.00	\$4,400.00
55	Traffic Control	LS			\$5,750		\$350,000.00		\$60,000.00		\$32,000.00
56	Temporary trench resurfacing	TN	20	\$50.00	\$1,000	\$100.00	\$2,000.00	\$144.00	\$2,880.00	\$300.00	\$6,000.00

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



Valley Boulevard Grade Separation Near Eastern Avenue
W.O. E6000871, Federal Project No. HP21L-5006(162)

DETAILED RESULTS				City Engineer's Estimate		Sema Construction, Inc.		T.T.Polich & Associates, A JV		Shimmick Construction Company Inc	
BID ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
	STORM DRAINS										
57	Shoring of Open Excavations	LS			\$30,820		\$75,000.00		\$650,000.00		\$8,000.00
58	27-Inch RCP Storm Drain (1750-D) (Case 1 Bedding)	LF	544	\$420.00	\$228,480	\$100.00	\$54,400.00	\$41.00	\$22,304.00	\$260.00	\$141,440.00
59	24-Inch RCP Storm Drain (1750-D) (Case 1 Bedding)	LF	1,097	\$390.00	\$427,830	\$115.00	\$126,155.00	\$258.00	\$283,026.00	\$255.00	\$279,735.00
60	21-Inch RCP Storm Drain (2000-D) (Case 1 Bedding)	LF	245	\$280.00	\$68,600	\$100.00	\$24,500.00	\$33.00	\$8,085.00	\$255.00	\$62,475.00
61	18-Inch RCP Storm Drain (2000-D) (Case 1 Bedding)	LF	776	\$230.00	\$178,480	\$145.00	\$112,520.00	\$183.00	\$142,008.00	\$255.00	\$197,880.00
62	15-Inch RCP Storm Drain (2000-D) (Case 1 Bedding)	LF	18	\$190.00	\$3,420	\$130.00	\$2,340.00	\$24.00	\$432.00	\$255.00	\$4,590.00
63	12-Inch RCP Storm Drain (2000-D) (Case 1 Bedding)	LF	14	\$170.00	\$2,380	\$295.00	\$4,130.00	\$11.50	\$161.00	\$255.00	\$3,570.00
64	8-Inch RCP Storm Drain (2000-D) (Case 1 Bedding)	LF	3	\$150.00	\$450	\$100.00	\$300.00	\$27.00	\$81.00	\$255.00	\$765.00
65	Transition Structure Per APWA 340-1	EA	3	\$3,200.00	\$9,600	\$5,500.00	\$16,500.00	\$2,506.00	\$7,518.00	\$1,500.00	\$4,500.00
66	Concrete Collar	EA	6	\$1,150.00	\$6,900	\$2,000.00	\$12,000.00	\$1,370.00	\$8,220.00	\$1,500.00	\$9,000.00
67	Maintenance Hole per S-381-1	EA	1	\$7,000.00	\$7,000	\$13,000.00	\$13,000.00	\$4,524.00	\$4,524.00	\$10,000.00	\$10,000.00
68	Maintenance Hole Per APWA 322-1	EA	2	\$9,000.00	\$18,000	\$13,000.00	\$26,000.00	\$4,989.00	\$9,978.00	\$10,000.00	\$20,000.00
69	Maintenance Hole Per APWA 321-1	EA	9	\$7,000.00	\$63,000	\$13,000.00	\$117,000.00	\$4,699.00	\$42,291.00	\$10,000.00	\$90,000.00
70	Raise Maintenance Hole Shaft 12 ft, Plan D-33017 Drawing SD-4	EA	1	\$4,830.00	\$4,830	\$2,000.00	\$2,000.00	\$4,500.00	\$4,500.00	\$8,500.00	\$8,500.00
71	Junction Structure Per APWA 331-2	EA	5	\$2,290.00	\$11,450	\$6,000.00	\$30,000.00	\$1,886.00	\$9,430.00	\$1,500.00	\$7,500.00
72	Junction Structure Per APWA 332-1	EA	1	\$1,500.00	\$1,500	\$4,000.00	\$4,000.00	\$422.00	\$422.00	\$1,500.00	\$1,500.00
73	Curb Opening CB Per APWA 300-2, W=21 ft	EA	2	\$10,900.00	\$21,800	\$12,000.00	\$24,000.00	\$7,302.00	\$14,604.00	\$18,000.00	\$36,000.00
74	Curb Opening CB Per APWA 300-2, W=14 ft	EA	1	\$10,480.00	\$10,480	\$11,000.00	\$11,000.00	\$7,939.00	\$7,939.00	\$11,000.00	\$11,000.00
75	Curb Opening CB Per APWA 300-2, W=10 ft	EA	3	\$7,900.00	\$23,700	\$10,000.00	\$30,000.00	\$5,810.00	\$17,430.00	\$11,000.00	\$33,000.00
76	Curb Opening CB Per APWA 300-2, W=7 ft	EA	15	\$5,900.00	\$88,500	\$9,000.00	\$135,000.00	\$5,399.00	\$80,985.00	\$6,000.00	\$90,000.00
77	Curb Opening Basin w/Grates Per APWA 302-2, 6 Grates	EA	1	\$25,000.00	\$25,000	\$18,000.00	\$18,000.00	\$14,395.00	\$14,395.00	\$15,500.00	\$15,500.00
78	Curb Opening Basin w/Grates Per APWA 302-2, 2 Grates	EA	3	\$10,600.00	\$31,800	\$11,000.00	\$33,000.00	\$6,872.00	\$20,616.00	\$12,000.00	\$36,000.00
79	Curbside Grating Basin Per APWA 303-2, 2 Grates	EA	2	\$7,500.00	\$15,000	\$10,000.00	\$20,000.00	\$4,052.00	\$8,104.00	\$11,500.00	\$23,000.00
80	Curbside Grating Basin Per APWA 303-2, 1 Grate	EA	2	\$5,400.00	\$10,800	\$9,000.00	\$18,000.00	\$2,578.00	\$5,156.00	\$11,000.00	\$22,000.00
81	Alley Grating Basin, 2 Grates APWA 304-2	EA	2	\$8,600.00	\$17,200	\$10,000.00	\$20,000.00	\$4,505.00	\$9,010.00	\$11,500.00	\$23,000.00
82	Curb Opening CB w/MH in Street per APWA 307-2	EA	1	\$11,600.00	\$11,600	\$10,000.00	\$10,000.00	\$11,843.00	\$11,843.00	\$5,500.00	\$5,500.00
83	Private Area Drains	EA	2	\$700.00	\$1,400	\$3,000.00	\$6,000.00	\$3,812.00	\$7,624.00	\$5,500.00	\$11,000.00
84	Remodel catch basin, Plan D-33017 Drawings SD-2 & SD-9	EA	2	\$2,300.00	\$4,600	\$8,000.00	\$16,000.00	\$3,568.00	\$7,136.00	\$5,900.00	\$11,800.00
85	Removal And Replace Sewer Maintenance Hole	EA	1	\$7,480.00	\$7,480	\$12,000.00	\$12,000.00	\$15,000.00	\$15,000.00	\$10,200.00	\$10,200.00
86	Temporary Trench Resurfacing	TN	200	\$60.00	\$12,000	\$100.00	\$20,000.00	\$128.00	\$25,600.00	\$150.00	\$30,000.00

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



Valley Boulevard Grade Separation Near Eastern Avenue
W.O. E6000871, Federal Project No. HP21L-5006(162)

DETAILED RESULTS				City Engineer's Estimate		Sema Construction, Inc.		T.T.Polich & Associates, A JV		Shimmick Construction Company Inc	
BID ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
	LANDSCAPING										
87	Trees, 24" Box	EA	161	\$400.00	\$64,400	\$300.00	\$48,300.00	\$600.00	\$96,600.00	\$350.00	\$56,350.00
88	Other Landscaping per Plans	LS			\$333,719		\$250,000.00		\$100,000.00		\$490,000.00
89	Irrigation	LS			\$345,000		\$325,000.00		\$250,000.00		\$350,000.00
90	2-Year Maintenance	LS			\$13,800		\$20,000.00		\$50,000.00		\$100,000.00
91	Limestone Stelae Foundations	LS			\$5,000		\$12,000.00		\$50,000.00		\$150,000.00
92	Installation of Public Art Components per Technical Specifications	LS			\$57,500		\$20,000.00		\$50,000.00		\$9,000.00
	STREET LIGHTING										
93	Remove Service Equipment	EA	2	\$130.00	\$260	\$1,000.00	\$2,000.00	\$10,000.00	\$20,000.00	\$250.00	\$500.00
94	Remove & Dispose of Existing Wires	LS			\$1,550		\$10,000.00		\$40,000.00		\$5,000.00
95	Remove & Dispose of Complete Electrolier Assembly	EA	60	\$500.00	\$30,000	\$2,000.00	\$120,000.00	\$1,500.00	\$90,000.00	\$770.00	\$46,200.00
96	2" Galvanized Conduit (Parkway)	LF	9,155	\$35.00	\$320,425	\$29.00	\$265,495.00	\$15.00	\$137,325.00	\$25.00	\$228,875.00
97	2" Galvanized Conduit (St. Cross.)	LF	1,350	\$40.00	\$54,000	\$158.00	\$213,300.00	\$20.00	\$27,000.00	\$38.00	\$51,300.00
98	3" Galvanized Conduit (St. Cross.)	LF	60	\$50.00	\$3,000	\$250.00	\$15,000.00	\$50.00	\$3,000.00	\$62.00	\$3,720.00
99	#10 AWG Solid Wire	LS			\$7,200		\$16,000.00		\$15,000.00		\$8,500.00
100	#2 AWG Stranded Wire	LS			\$30,000		\$85,000.00		\$10,000.00		\$4,500.00
101	#6 AWG Stranded Wire	LS			\$1,300		\$21,000.00		\$12,000.00		\$15,000.00
102	Pullbox, Type 2	EA	84	\$400.00	\$33,600	\$800.00	\$67,200.00	\$1,000.00	\$84,000.00	\$490.00	\$41,160.00
103	Pullbox, Type 3	EA	12	\$500.00	\$6,000	\$1,100.00	\$13,200.00	\$1,200.00	\$14,400.00	\$400.00	\$4,800.00
104	15 Amp Fuse Kit (Includes Cartridge Fuse)	EA	80	\$40.00	\$3,200	\$80.00	\$6,400.00	\$200.00	\$16,000.00	\$100.00	\$8,000.00
105	Electrolier Foundation (CD953, B-3685)	EA	68	\$500.00	\$34,000	\$1,400.00	\$95,200.00	\$2,500.00	\$170,000.00	\$1,000.00	\$68,000.00
106	CD953C Pole And 4' Luminaire Per Plan	EA	7	\$1,500.00	\$10,500	\$2,500.00	\$17,500.00	\$3,500.00	\$24,500.00	\$3,300.00	\$23,100.00
107	CD953C Pole With 6' Arm Per Plan	EA	61	\$1,550.00	\$94,550	\$2,500.00	\$152,500.00	\$3,500.00	\$213,500.00	\$3,400.00	\$207,400.00
108	CD953C Pole With 8' Arm Per Plan	EA	4	\$1,650.00	\$6,600	\$2,600.00	\$10,400.00	\$4,000.00	\$16,000.00	\$2,000.00	\$8,000.00
109	6' Luminaire Arm	EA	6	\$150.00	\$900	\$540.00	\$3,240.00	\$2,500.00	\$15,000.00	\$500.00	\$3,000.00
110	150W HPS Luminaire & Lamp (MC-II, Multiple, int. Ballast, P.E.)	EA	5	\$350.00	\$1,750	\$490.00	\$2,450.00	\$3,500.00	\$17,500.00	\$250.00	\$1,250.00
111	200W HPS Luminaire & Lamp (MC-III, Multiple, int. Ballast P.E.)	EA	28	\$350.00	\$9,800	\$545.00	\$15,260.00	\$3,600.00	\$100,800.00	\$275.00	\$7,700.00
112	250W HPS Luminaire & Lamp (MC-III, Multiple, int. Ballast P.E.)	EA	41	\$350.00	\$14,350	\$600.00	\$24,600.00	\$3,700.00	\$151,700.00	\$290.00	\$11,890.00
113	310W HPS Luminaire & Lamp (MC-III, Multiple, int. Ballast P.E.)	EA	6	\$350.00	\$2,100	\$650.00	\$3,900.00	\$3,800.00	\$22,800.00	\$310.00	\$1,860.00
114	Temporary Lighting Plan	LS			\$75,000		\$175,000.00		\$50,000.00		\$25,000.00
115	Private Underpass Lighting	LS			\$79,455		\$65,000.00		\$100,000.00		\$34,000.00

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



Valley Boulevard Grade Separation Near Eastern Avenue
W.O. E6000871, Federal Project No. HP21L-5006(162)

DETAILED RESULTS				City Engineer's Estimate		Sema Construction, Inc.		T.T.Polich & Associates, A JV		Shimmick Construction Company Inc	
BID ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
	TRAFFIC										
116	Temporary Striping (Detour Phases 1-7)	LS			\$251,500		\$200,000.00		\$500,000.00		\$470,000.00
117	Temporary Signals (Detour Phases 1-7)	LS			\$280,000		\$860,000.00		\$824,000.00		\$558,000.00
118	Restoration Traffic Striping	LS			\$47,000		\$80,000.00		\$135,000.00		\$97,000.00
119	Restoration Traffic Signals	LS			\$402,100		\$680,000.00		\$335,000.00		\$427,000.00
120	Traffic Signal Interconnect	LS			\$244,800		\$300,000.00		\$1,575,000.00		\$191,000.00
121	Cantilever with guide Signs	LS			\$65,000		\$250,000.00		\$100,000.00		\$86,000.00
	STRUCTURES										
122	Structural Excavation	CY	11,015	\$45.00	\$495,675	\$10.00	\$110,150.00	\$16.00	\$176,240.00	\$35.00	\$385,525.00
123	Structural Backfill	CY	11,303	\$48.00	\$542,544	\$40.00	\$452,120.00	\$62.00	\$700,786.00	\$70.00	\$791,210.00
124	Prestressing Cast-in-place Concrete	LB	96,582	\$1.50	\$144,873		\$130,000.00		\$175,000.00		\$193,000.00
125	Retaining Walls	LS			\$1,800,000		\$1,500,000.00		\$1,575,000.00		\$2,610,000.00
126	Access Ramps (Dwg. S-36 and S-37)	LS			\$133,452		\$130,000.00		\$139,000.00		\$185,000.00
127	Concrete Barrier Type 26 (B11-54) (Modified Per DWG S-3)	LF	1,257	\$90.00	\$113,130	\$140.00	\$175,980.00	\$64.00	\$80,448.00	\$135.00	\$169,695.00
128	Concrete Barrier Type 26 (B11-54) (Modified Per DWG S-26, Incl. Sidewalk)	LF	635	\$180.00	\$114,300	\$175.00	\$111,125.00	\$161.00	\$102,235.00	\$280.00	\$177,800.00
129	Tubular Handrail (B11-51)	LF	1,616	\$82.00	\$132,512	\$65.00	\$105,040.00	\$60.00	\$96,960.00	\$100.00	\$161,600.00
130	Chain Link Rail (B11-7) (Modified Per DWG. S-26)	LF	322	\$50.00	\$16,100	\$100.00	\$32,200.00	\$100.00	\$32,200.00	\$65.00	\$20,930.00
131	Pipe Handrail (S-463-1, Option B)	LF	131	\$71.50	\$9,367	\$90.00	\$11,790.00	\$100.00	\$13,100.00	\$100.00	\$13,100.00
132	6' H Chain Link Fence (S-691-0)	LF	568	\$50.00	\$28,400	\$23.00	\$13,064.00	\$75.00	\$42,600.00	\$35.00	\$19,880.00
STRUCTURAL ALTERNATIVE 1 (Bid Items 133 to 137):											
Steel Piles at Abutments 1 and 3, CIDH Piles at Bent 2.											
133	Furnish HP 14X117 Steel Piles	LF	16,517	\$47.00	\$776,299	\$46.00	\$759,782.00	\$59.00	\$974,503.00	\$90.00	\$1,486,530.00
134	Drive HP 14X117 Steel Piles	EA	365	\$1,150.00	\$419,750	\$1,900.00	\$693,500.00	\$2,320.00	\$846,800.00	\$1,530.00	\$558,450.00
135	24" Dia. CIDH Piles Incl. Excavation (B2-3)	LF	2,876	\$90.00	\$258,840	\$100.00	\$287,600.00	\$294.00	\$845,544.00	\$120.00	\$345,120.00
136	Permanent Steel Casing for CIDH Piles	LF	1,080	\$45.00	\$48,600	\$135.00	\$145,800.00	\$40.00	\$43,200.00	\$145.00	\$156,600.00
137	Bridge	LS			\$4,200,000		\$5,660,000.00		\$4,944,000.00		\$6,150,000.00
140	Allowance for Permits	LS			\$10,000		\$10,000.00		\$10,000.00		\$10,000.00
141	Allowance for Concrete Wall at the rear of 4880 Valley Boulevard	LS			\$50,000		\$50,000.00		\$50,000.00		\$50,000.00
TOTAL :					\$28,456,000		\$25,875,132.56		\$28,443,625.14		\$29,302,883.11
138	STRUCTURAL ALTERNATIVE 2 (See Addendum 3, Attachment C)	LS			\$5,785,580		\$9,530,860.00		\$9,607,958.46		\$9,971,260.00
139	STRUCTURAL ALTERNATIVE 3 (See Addendum 3, Attachment C)	LS			\$6,023,818		\$9,920,540.00		\$10,562,475.56		\$10,447,960.00
						{LOW}	-9.07%	{LOW}	-0.04%	{HIGH}	2.98%

BID RESULTS

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

Vermont Avenue Street Improvement Hollywood Blvd. to Clinton St.**Four (4) Medians from Hollywood Blvd. to Santa Monica Blvd.****W.O. No. M0014319/Federal Project No. RPSTPLE-5006(716)/FTIP ID No. LA11G2T****Bid Date: June 2015**

DETAILED RESULTS				CITY ENGINEER'S ESTIMATE		STL LANDSCAPE, INC.		GRIFFITH COMPANY		LOS ANGELES ENGINEERING	
ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
1	Mobilization per the General Requirements (GR), Sections 01212, 01292, & 01721	LS			\$ 45,000.00		\$ 25,000.00		\$ 39,800.00		\$ 45,000.00
2	Allowance for Excavation & Disposal of Hazardous Waste Materials (Creosote Ties) per the Technical Specification (soils report), Per the GR Section 01212	LS			\$ 15,000.00		\$ 15,000.00		\$ 15,000.00		\$ 15,000.00
3	Allowance for Differing Site Conditions & Utility Interference per the GR, Sections 01212 & 01253	LS			\$ 80,000.00		\$ 80,000.00		\$ 80,000.00		\$ 80,000.00
4	Allowance for Construction Survey & Monument Preservation per the GR, Sections 01212 & 01722	LS			\$ 10,000.00		\$ 10,000.00		\$ 10,000.00		\$ 10,000.00
5	Allowance for LADWP Water Meter Installation, including excavation permit per the GR, Section 01212	LS			\$ 29,200.00		\$ 29,200.00		\$ 29,200.00		\$ 29,200.00
6	Contractor's Health & Safety Plan associated with Mitigation of contaminated soils	LS			\$ 2,500.00		\$ 1,500.00		\$ 5,000.00		\$ 2,500.00
7	Traffic Control	LS			\$ 50,000.00		\$ 36,292.00		\$ 24,000.00		\$ 20,000.00
8	Construction Credit Sign	EA	2	\$ 850.00	\$ 1,700.00	\$ 1,500.00	\$ 3,000.00	\$ 2,500.00	\$ 5,000.00	\$ 2,000.00	\$ 4,000.00
9	LADOT Striping Per Plans	LS			\$ 7,157.00		\$ 5,000.00		\$ 5,000.00		\$ 3,600.00
10	Sawcutting Bituminous Pavement, as per SECTION B-B ON SHEETS C-4 and C-5	LF	1154	\$ 4.00	\$ 4,616.00	\$ 3.00	\$ 3,462.00	\$ 4.00	\$ 4,616.00	\$ 3.50	\$ 4,039.00
11	Excavation & Disposal of Soil/Base/Asphalt Concrete. Removal & Haul Away.	LS			\$ 38,200.00		\$ 40,000.00		\$ 65,000.00		\$ 77,411.00
12	Material Delivery & Installation of Crushed Miscellaneous Base (CMB)	CY	102	\$ 65.00	\$ 6,630.00	\$ 100.00	\$ 10,200.00	\$ 140.00	\$ 14,280.00	\$ 120.00	\$ 12,240.00
13	Integral curb & gutter a=1', b=6", cf=6", modified as per DETAIL ON SHEET C-5	LF	1090	\$ 43.00	\$ 46,870.00	\$ 40.00	\$ 43,600.00	\$ 29.00	\$ 31,610.00	\$ 24.00	\$ 26,160.00
14	Concrete Pavement, 4" thick.	SF	164	\$ 6.50	\$ 1,066.00	\$ 25.00	\$ 4,100.00	\$ 40.00	\$ 6,560.00	\$ 15.00	\$ 2,460.00
15	Asphalt Concrete Pavement for slotting, SEE DETAIL SHEET C-5	TON	51	\$ 270.00	\$ 13,770.00	\$ 250.00	\$ 12,750.00	\$ 290.00	\$ 14,790.00	\$ 160.00	\$ 8,160.00
16	Adjustment of MH TO Grade per Std. Plan S-137-1	EA	2	\$ 1,200.00	\$ 2,400.00	\$ 1,000.00	\$ 2,000.00	\$ 725.00	\$ 1,450.00	\$ 500.00	\$ 1,000.00
17	Class "A" Fill Material SEE LANDSCAPING PLANS.	CY	246	\$ 50.00	\$ 12,300.00	\$ 61.00	\$ 15,006.00	\$ 56.00	\$ 13,776.00	\$ 95.00	\$ 23,370.00
18	24" Box Trees	EA	7	\$ 650.00	\$ 4,550.00	\$ 300.00	\$ 2,100.00	\$ 530.00	\$ 3,710.00	\$ 730.00	\$ 5,110.00
19	Landscape Planting	SF	2,844	\$ 8.50	\$ 24,174.00	\$ 4.00	\$ 11,376.00	\$ 11.00	\$ 31,284.00	\$ 5.00	\$ 14,220.00
20	Mulch Cover, 2"	SF	2,850	\$ 0.70	\$ 1,995.00	\$ 1.00	\$ 2,850.00	\$ 0.40	\$ 1,140.00	\$ 1.00	\$ 2,850.00
21	Irrigation System	SF	2,844	\$ 6.50	\$ 18,486.00	\$ 7.00	\$ 19,908.00	\$ 7.00	\$ 19,908.00	\$ 20.00	\$ 56,880.00
22	Irrigation Point of Connection (controller & backflow assembly)	EA	4	\$ 7,300.00	\$ 29,200.00	\$ 14,289.00	\$ 57,156.00	\$ 5,000.00	\$ 20,000.00	\$ 1,200.00	\$ 4,800.00
23	Site Restoration	LS			\$ 5,000.00		\$ 500.00		\$ 500.00		\$ 1,000.00
Total Estimated Construction Cost:				\$	449,814.00	\$	430,000.00	\$	441,624.00	\$	449,000.00
						LOW	-4.40%	LOW	-1.82%	LOW	-0.18%

BID RESULTS

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

**Vermont Avenue Street Improvement Hollywood Blvd. to Clinton St.****Four (4) Medians from Hollywood Blvd. to Santa Monica Blvd.****W.O. No. M0014319/Federal Project No. RPSTPLE-5006(716)/FTIP ID No. LA11G2T****BIDDERS MUST SUBMIT BID AMOUNTS FOR ITEM NOS. 24 thru 81****Additive Alternate #1 - Medians from Lockwood Ave. to Burns Ave.(E)****DETAILED RESULTS****CITY ENGINEER'S ESTIMATE****STL LANDSCAPE, INC.****GRIFFITH COMPANY****LOS ANGELES ENGINEERING**

ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
24	Mobilization per the GR, Sections 01212, 01292, & 01721	LS			\$ 10,000.00		\$ 10,000.00		\$ 25,000.00		\$ 10,000.00
25	Allowance for Excavation & Disposal of Hazardous Waste Materials (Creosote Ties) per the Technical Specification (soils report), Per the GR Section 01212	LS			\$ 5,000.00		\$ 5,000.00		\$ 5,000.00		\$ 5,000.00
26	Allowance for Differing Site Conditions & Utility Interference per the GR, Sections 01212 & 01253	LS			\$ 15,000.00		\$ 15,000.00		\$ 15,000.00		\$ 15,000.00
27	Allowance for Construction Survey & Monument Preservation per the GR, Sections 01212 & 01722	LS			\$ 5,000.00		\$ 5,000.00		\$ 5,000.00		\$ 5,000.00
28	Allowance for LADWP Water Meter Installation, including excavation permit per the GR, Section 01212	LS			\$ 7,300.00		\$ 7,300.00		\$ 7,300.00		\$ 7,300.00
29	Contractor's Health & Safety Plan associated with Mitigation of contaminated soils	LS			\$ 1,000.00		\$ 1,000.00		\$ 5,000.00		\$ 2,500.00
30	Traffic Control	LS			\$ 10,000.00		\$ 5,000.00		\$ 25,000.00		\$ 15,000.00
31	LADOT Striping Per Plans	LS			\$ 2,000.00		\$ 5,000.00		\$ 2,200.00		\$ 5,000.00
32	Sawcutting Bituminous Pavement, as per SECTION B-B ON SHEETS C-4 and C-5	LF	342	\$ 4.00	\$ 1,368.00	\$ 3.00	\$ 1,026.00	\$ 6.75	\$ 2,308.50	\$ 7.00	\$ 2,394.00
33	Excavation & Disposal of Soil/Base/Asphalt Concrete. Removal & Haul Away.	LS			\$ 10,000.00		\$ 10,000.00		\$ 30,000.00		\$ 30,000.00
34	Material Delivery & Installation of Crushed Miscellaneous Base (CMB)	CY	30	\$ 65.00	\$ 1,950.00	\$ 100.00	\$ 3,000.00	\$ 140.00	\$ 4,200.00	\$ 125.00	\$ 3,750.00
35	Integral curb & gutter a=1', b=6", cf=6", modified as per DETAIL ON SHEET C-5	LF	326	\$ 43.00	\$ 14,018.00	\$ 50.00	\$ 16,300.00	\$ 38.00	\$ 12,388.00	\$ 40.00	\$ 13,040.00
36	Concrete Pavement, 4" thick.	SF	46	\$ 6.50	\$ 299.00	\$ 100.00	\$ 4,600.00	\$ 90.00	\$ 4,140.00	\$ 50.00	\$ 2,300.00
37	Asphalt Concrete Pavement for slotting, SEE DETAIL SHEET C-5	TON	15	\$ 270.00	\$ 4,050.00	\$ 500.00	\$ 7,500.00	\$ 290.00	\$ 4,350.00	\$ 250.00	\$ 3,750.00
38	Adjustment of MH TO Grade per Std. Plan S-137-1	EA	3	\$ 1,200.00	\$ 3,600.00	\$ 1,000.00	\$ 3,000.00	\$ 1,700.00	\$ 5,100.00	\$ 1,000.00	\$ 3,000.00
39	Class "A" Fill Material SEE LANDSCAPING PLANS.	CY	75	\$ 50.00	\$ 3,750.00	\$ 100.00	\$ 7,500.00	\$ 55.00	\$ 4,125.00	\$ 110.00	\$ 8,250.00
40	24" Box Trees	EA	2	\$ 650.00	\$ 1,300.00	\$ 350.00	\$ 700.00	\$ 530.00	\$ 1,060.00	\$ 800.00	\$ 1,600.00
41	Landscape Planting	SF	864	\$ 8.50	\$ 7,344.00	\$ 6.00	\$ 5,184.00	\$ 7.00	\$ 6,048.00	\$ 9.00	\$ 7,776.00
42	Mulch Cover, 2"	SF	870	\$ 0.70	\$ 609.00	\$ 2.00	\$ 1,740.00	\$ 0.50	\$ 435.00	\$ 2.00	\$ 1,740.00
43	Irrigation System	SF	864	\$ 6.50	\$ 5,616.00	\$ 10.00	\$ 8,640.00	\$ 11.00	\$ 9,504.00	\$ 27.00	\$ 23,328.00
44	Irrigation Point of Connection (controller & backflow assembly)	EA	1	\$ 7,300.00	\$ 7,300.00	\$ 15,000.00	\$ 15,000.00	\$ 5,000.00	\$ 5,000.00	\$ 1,100.00	\$ 1,100.00
45	Site Restoration	LS			\$ 3,000.00		\$ 500.00		\$ 500.00		\$ 2,900.00
TOTAL ADDITIVE ALTERNATE #1 CONSTRUCTION COST:					\$ 119,504.00	\$	137,990.00	\$	178,658.50	\$	169,728.00

BID RESULTS

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

**Vermont Avenue Street Improvement Hollywood Blvd. to Clinton St.****Four (4) Medians from Hollywood Blvd. to Santa Monica Blvd.****W.O. No. M0014319/Federal Project No. RPSTPLE-5006(716)/FTIP ID No. LA11G2T****Additive Alternate #2 - Median from Monroe St. to Marathon St. (F)**

DETAILED RESULTS				CITY ENGINEER'S ESTIMATE		STL LANDSCAPE, INC.		GRIFFITH COMPANY		LOS ANGELES ENGINEERING	
ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
46	Mobilization per the GR, Sections 01212, 01292, & 01721	LS			\$ 10,000.00		\$ 10,000.00		\$ 25,000.00		\$ 10,000.00
47	Allowance for Excavation & Disposal of Hazardous Waste Materials (Creosote Ties) per the Technical Specification (soils report), Per the GR Section 01212	LS			\$ 5,000.00		\$ 5,000.00		\$ 5,000.00		\$ 5,000.00
48	Allowance for Differing Site Conditions & Utility Interference per the GR, Sections 01212 & 01253	LS			\$ 15,000.00		\$ 15,000.00		\$ 15,000.00		\$ 15,000.00
49	Allowance for Construction Survey & Monument Preservation per the GR, Sections 01212 & 01722	LS			\$ 5,000.00		\$ 5,000.00		\$ 5,000.00		\$ 5,000.00
50	Allowance for LADWP Water Meter Installation, including excavation permit per the GR, Section 01212	LS			\$ 7,300.00		\$ 7,300.00		\$ 7,300.00		\$ 7,300.00
51	Contractor's Health & Safety Plan associated with Mitigation of contaminated soils	LS			\$ 1,000.00		\$ 1,000.00		\$ 5,000.00		\$ 2,500.00
52	Traffic Control	LS			\$ 10,000.00		\$ 5,000.00		\$ 25,000.00		\$ 15,000.00
53	LADOT Striping Per Plans	LS			\$ 2,000.00		\$ 5,000.00		\$ 2,100.00		\$ 5,000.00
54	Sawcutting Bituminous Pavement, as per SECTION B-B ON SHEETS C-4 and C-5	LF	302	\$ 4.00	\$ 1,208.00	\$ 3.00	\$ 906.00	\$ 7.00	\$ 2,114.00	\$ 8.00	\$ 2,416.00
55	Excavation & Disposal of Soil/Base/Asphalt Concrete. Removal & Haul Away.	LS			\$ 10,000.00		\$ 10,000.00		\$ 25,000.00		\$ 30,000.00
56	Material Delivery & Installation of Crushed Miscellaneous Base (CMB)	CY	28	\$ 65.00	\$ 1,820.00	\$ 150.00	\$ 4,200.00	\$ 140.00	\$ 3,920.00	\$ 100.00	\$ 2,800.00
57	Integral curb & gutter a=1', b=6", cf=6", modified as per DETAIL ON SHEET C-5	LF	286	\$ 43.00	\$ 12,298.00	\$ 50.00	\$ 14,300.00	\$ 40.00	\$ 11,440.00	\$ 33.00	\$ 9,438.00
58	Concrete Pavement, 4" thick.	SF	46	\$ 6.50	\$ 299.00	\$ 100.00	\$ 4,600.00	\$ 70.00	\$ 3,220.00	\$ 50.00	\$ 2,300.00
59	Asphalt Concrete Pavement for slotting, SEE DETAIL SHEET C-5	TON	14	\$ 270.00	\$ 3,780.00	\$ 500.00	\$ 7,000.00	\$ 290.00	\$ 4,060.00	\$ 300.00	\$ 4,200.00
60	Adjustment of MH TO Grade per Std. Plan S-137-1	EA	1	\$ 1,200.00	\$ 1,200.00	\$ 1,000.00	\$ 1,000.00	\$ 1,500.00	\$ 1,500.00	\$ 1,000.00	\$ 1,000.00
61	Class "A" Fill Material SEE LANDSCAPING PLANS.	CY	65	\$ 50.00	\$ 3,250.00	\$ 100.00	\$ 6,500.00	\$ 50.00	\$ 3,250.00	\$ 120.00	\$ 7,800.00
62	24" Box Trees	EA	2	\$ 650.00	\$ 1,300.00	\$ 350.00	\$ 700.00	\$ 525.00	\$ 1,050.00	\$ 800.00	\$ 1,600.00
63	Landscape Planting	SF	744	\$ 8.50	\$ 6,324.00	\$ 6.00	\$ 4,464.00	\$ 7.00	\$ 5,208.00	\$ 8.00	\$ 5,952.00
64	Mulch Cover, 2"	SF	750	\$ 0.70	\$ 525.00	\$ 2.00	\$ 1,500.00	\$ 0.50	\$ 375.00	\$ 2.00	\$ 1,500.00
65	Irrigation System	SF	744	\$ 6.50	\$ 4,836.00	\$ 10.00	\$ 7,440.00	\$ 7.00	\$ 5,208.00	\$ 31.00	\$ 23,064.00
66	Irrigation Point of Connection (controller & backflow assembly)	EA	1	\$ 7,300.00	\$ 7,300.00	\$ 15,000.00	\$ 15,000.00	\$ 5,000.00	\$ 5,000.00	\$ 1,100.00	\$ 1,100.00
67	Site Restoration	LS			\$ 3,000.00		\$ 500.00		\$ 500.00		\$ 5,800.00
TOTAL ADDITIVE ALTERNATE #2 CONSTRUCTION COST:					\$ 112,440.00	\$	131,410.00	\$	161,245.00	\$	163,770.00

BID RESULTS

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

**Vermont Avenue Street Improvement Hollywood Blvd. to Clinton St.****Four (4) Medians from Hollywood Blvd. to Santa Monica Blvd.****W.O. No. M0014319/Federal Project No. RPSTPLE-5006(716)/FTIP ID No. LA11G2T****Additive Alternate #3 - Electricity to Medians from Hollywood Blvd. to Marathon St.****DETAILED RESULTS****CITY ENGINEER'S ESTIMATE****STL LANDSCAPE, INC.****GRIFFITH COMPANY****LOS ANGELES ENGINEERING**

ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
68	Mobilization per the GR, Sections 01212, 01292, & 01721	LS			\$ 10,000.00		\$ 10,000.00		\$ 26,000.00		\$ 10,000.00
69	Allowance for Excavation & Disposal of Hazardous Waste Materials (Creosote Ties) per the Technical Specification (soils report), Per the GR Section 01212	LS			\$ 5,000.00		\$ 5,000.00		\$ 5,000.00		\$ 5,000.00
70	Allowance for Differing Site Conditions & Utility Interference per the GR, Sections 01212 & 01253	LS			\$ 15,000.00		\$ 15,000.00		\$ 15,000.00		\$ 15,000.00
71	Allowance for Construction Survey & Monument Preservation per the GR, Sections 01212 & 01722	LS			\$ 5,000.00		\$ 5,000.00		\$ 5,000.00		\$ 5,000.00
72	Allowance for LADWP Water Meter Installation, including excavation permit per the GR, Section 01212	LS			\$ 60,000.00		\$ 60,000.00		\$ 60,000.00		\$ 60,000.00
73	Contractor's Health & Safety Plan associated with Mitigation of contaminated soils	LS			\$ 1,000.00		\$ 1,000.00		\$ 5,000.00		\$ 2,500.00
74	Traffic Control	LS			\$ 10,000.00		\$ 2,000.00		\$ 120,000.00		\$ 10,000.00
75	LADOT Striping Per Plans	LS			\$ 2,000.00		\$ 2,000.00		\$ 2,100.00		\$ 2,000.00
76	Excavation & Disposal of Soil/Base/Asphalt Concrete. Removal & Haul Away.	LS			\$ 2,000.00		\$ 5,000.00		\$ 1.00		\$ 10,800.00
77	2" conduit (trenching in street crossing) including excavations, and restoring surface to match adjacent surface	LF	360	\$ 63.00	\$ 22,680.00	\$ 70.00	\$ 25,200.00	\$ 48.00	\$ 17,280.00	\$ 87.00	\$ 31,320.00
78	Concrete Pavement, 4" thick.	SF	12	\$ 6.50	\$ 78.00	\$ 100.00	\$ 1,200.00	\$ 67.00	\$ 804.00	\$ 100.00	\$ 1,200.00
79	15 amp fuse kit (includes cartridge fuse)	EA	6	\$ 48.00	\$ 288.00	\$ 200.00	\$ 1,200.00	\$ 80.00	\$ 480.00	\$ 100.00	\$ 600.00
80	Type 3 Pull box with lid includes includes bens, excavating, and restoring surface to match adjacent surface	EA	6	\$ 690.00	\$ 4,140.00	\$ 1,200.00	\$ 7,200.00	\$ 800.00	\$ 4,800.00	\$ 640.00	\$ 3,840.00
81	# 4 AWG stranded wire	LF	720	\$ 3.40	\$ 2,448.00	\$ 7.00	\$ 5,040.00	\$ 6.25	\$ 4,500.00	\$ 5.00	\$ 3,600.00
TOTAL ADDITIVE ALTERNATE #3 CONSTRUCTION COST:					\$ 139,634.00	\$	144,840.00	\$	265,965.00	\$	160,860.00



Victory Boulevard Widening Phase 1 - from Canoga Avenue to Owensmouth Avenue

W.O. No. E1907756

DETAILED RESULTS				CITY ENGINEER'S ESTIMATE		POWELL CONSTRUCTORS, Inc.		ALL AMERICAN ASPHALT		PALP, Inc. dba EXCELPAVING COMPANY	
ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
GENERAL											
1	MOBILIZATION per the General Requirements, Sections 01292 and 01721	LS			\$ 90,000.00		\$ 90,000.00		\$ 114,307.55		\$ 70,000.00
2	Allowance for Differing Site Conditions per General Requirements Sections 01212 and 01253	LS			\$ 25,000.00		\$ 25,000.00		\$ 25,000.00		\$ 25,000.00
3	Allowance to remove, protect, relocate and/or adjust unknown substructures per General Requirements Sections 01212 and 01253	LS			\$ 30,000.00		\$ 30,000.00		\$ 30,000.00		\$ 30,000.00
4	Allowance for Additional Potholing of unknown substructures per General Requirements Sections 01212, 01253 and 01732	LS			\$ 10,000.00		\$ 10,000.00		\$ 10,000.00		\$ 10,000.00
5	Allowance for Payment for Permits per General Conditions Article 00217 and General Requirements Section 01212	LS			\$ 2,500.00		\$ 2,500.00		\$ 2,500.00		\$ 2,500.00
6	Allowance to Prepare and Implement Wet Weather Erosion Control Plan per General Requirements Sections 01212 & 01571	LS			\$ 6,000.00		\$ 6,000.00		\$ 6,000.00		\$ 6,000.00
7	Work Site Traffic Control Plan and Implement; Including banners, delineators, K-rail, changeable message boards, temporary traffic loops and other required equipment. Maintain all required traffic lanes and access during construction and non-construction hours per the Traffic Lane Requirements in Technical Specs.	LS			\$ 200,000.00		\$ 156,308.00		\$ 302,000.00		\$ 138,000.00
8	Modified Class B Office with Air Conditioning	LS			\$ 24,000.00		\$ 20,000.00		\$ 30,000.00		\$ 20,000.00
STREET REMOVALS											
9	Clearing and Grubbing	LS			\$ 20,302.00		\$ 20,000.00		\$ 201,000.00		\$ 120,000.00
10	Concrete Integral Curb and Gutter	LF	1,246	\$ 12.00	\$ 14,952.00	\$ 15.00	\$ 18,690.00	\$ 11.00	\$ 13,706.00	\$ 17.00	\$ 21,182.00
11	Concrete Sidewalk (t= 3 in.)	SF	10,466	\$ 5.40	\$ 56,516.40	\$ 1.75	\$ 18,315.50	\$ 2.00	\$ 20,932.00	\$ 2.50	\$ 26,165.00
12	Concrete Pavement (t= 8 in.)	SF	2,421	\$ 9.60	\$ 23,241.60	\$ 6.00	\$ 14,526.00	\$ 4.00	\$ 9,684.00	\$ 2.50	\$ 6,052.50
13	Asphalt Concrete Pavement (t= 6 in.)	SF	1,865	\$ 4.20	\$ 7,833.00	\$ 2.75	\$ 5,128.75	\$ 2.90	\$ 5,408.50	\$ 1.80	\$ 3,357.00
14	Cold Milling (t= 2 in. minimum)	SF	40,970	\$ 1.80	\$ 73,746.00	\$ 0.75	\$ 30,727.50	\$ 0.31	\$ 12,700.70	\$ 0.40	\$ 16,388.00
15	Masonry planter wall = 3 feet high include footing	LF	121	\$ 30.00	\$ 3,630.00	\$ 450.00	\$ 54,450.00	\$ 32.00	\$ 3,872.00	\$ 355.00	\$ 42,955.00
16	Tree	EA	20	\$ 600.00	\$ 12,000.00	\$ 430.00	\$ 8,600.00	\$ 850.00	\$ 17,000.00	\$ 490.00	\$ 9,800.00
17	Unclassified Excavation, including haul away	CY	1,401	\$ 66.00	\$ 92,466.00	\$ 75.00	\$ 105,075.00	\$ 66.00	\$ 92,466.00	\$ 78.00	\$ 109,278.00
STREET CONSTRUCTION											
18	Type A Curb	LF	176	\$ 30.00	\$ 5,280.00	\$ 65.00	\$ 11,440.00	\$ 26.00	\$ 4,576.00	\$ 17.00	\$ 2,992.00
19	Type C Concrete Integral Curb and Gutter (a= 2 ft., b= 8 in.)	LF	1,028	\$ 48.00	\$ 49,344.00	\$ 55.00	\$ 56,540.00	\$ 22.00	\$ 22,616.00	\$ 26.00	\$ 26,728.00

City of Los Angeles - Department of Public Works - Bureau of Engineering
Victory Boulevard Widening Phase 1 - from Canoga Avenue to Owensmouth Avenue
W.O. No. E1907756



DETAILED RESULTS				CITY ENGINEER'S ESTIMATE		POWELL CONSTRUCTORS, Inc.		ALL AMERICAN ASPHALT		PALP, Inc. dba EXCEL PAVING COMPANY	
ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
20	Concrete Sidewalk and curb ramps (t= 4 in.)	SF	4,359	\$ 8.40	\$ 36,615.60	\$ 8.50	\$ 37,051.50	\$ 7.15	\$ 31,166.85	\$ 4.00	\$ 17,436.00
21	Concrete Pavement (t= 8 in.)	SF	1,926	\$ 12.00	\$ 23,112.00	\$ 12.00	\$ 23,112.00	\$ 9.50	\$ 18,297.00	\$ 8.50	\$ 16,371.00
22	Concrete Pavement (t= 9 in.)	SF	851	\$ 13.20	\$ 11,233.20	\$ 15.00	\$ 12,765.00	\$ 10.20	\$ 8,680.20	\$ 9.50	\$ 8,084.50
23	Concrete Integral Curb and Sidewalk- Section A-A (Per project plans)	LF	35	\$ 236.40	\$ 8,274.00	\$ 475.00	\$ 16,625.00	\$ 285.00	\$ 9,975.00	\$ 111.00	\$ 3,885.00
24	Concrete Integral Curb and Sidewalk- Section B1-B1 (Per project plans)	LF	465	\$ 226.80	\$ 105,462.00	\$ 175.00	\$ 81,375.00	\$ 74.00	\$ 34,410.00	\$ 80.00	\$ 37,200.00
25	Concrete Integral Curb and Sidewalk - Section B2-B2 (Per project plans)	LF	54	\$ 169.20	\$ 9,136.80	\$ 250.00	\$ 13,500.00	\$ 74.00	\$ 3,996.00	\$ 80.00	\$ 4,320.00
26	Colored Retaining Wall Section D-D (Per project plans)	SF	1,230	\$ 120.00	\$ 147,600.00	\$ 35.00	\$ 43,050.00	\$ 91.00	\$ 111,930.00	\$ 96.00	\$ 118,080.00
27	Sidewalk Drain 2"X4"	LF	40	\$ 150.00	\$ 6,000.00	\$ 65.00	\$ 2,600.00	\$ 94.00	\$ 3,760.00	\$ 46.00	\$ 1,840.00
28	Asphalt Concrete Pavement	TON	1,378	\$ 180.00	\$ 248,040.00	\$ 105.00	\$ 144,690.00	\$ 72.00	\$ 99,216.00	\$ 85.00	\$ 117,130.00
29	4 in. Crushed Miscellaneous Base (CMB)	SF	10,676	\$ 1.50	\$ 16,014.00	\$ 1.65	\$ 17,615.40	\$ 1.65	\$ 17,615.40	\$ 2.40	\$ 25,622.40
30	12 in. CMB	SF	10,170	\$ 4.80	\$ 48,816.00	\$ 2.25	\$ 22,882.50	\$ 1.80	\$ 18,306.00	\$ 3.20	\$ 32,544.00
31	13 in. CMB	SF	851	\$ 5.40	\$ 4,595.40	\$ 2.65	\$ 2,255.15	\$ 2.15	\$ 1,829.65	\$ 6.50	\$ 5,531.50
32	Adjust Maintenance Hole (MH) to Grade	EA	3	\$ 960.00	\$ 2,880.00	\$ 1,000.00	\$ 3,000.00	\$ 900.00	\$ 2,700.00	\$ 1,100.00	\$ 3,300.00
STORM DRAIN											
33	New Curb Opening Catch Basins (CB1, CB2, CB3, and CB4) per project plans (storm drain)	EA	4	\$ 12,000.00	\$ 48,000.00	\$ 7,000.00	\$ 28,000.00	\$ 10,500.00	\$ 42,000.00	\$ 7,500.00	\$ 30,000.00
34	New 18" Reinforced Concrete Connector Pipe (RCP) (CB1, CB2) per project plans (storm drain)	LF	22	\$ 252.00	\$ 5,544.00	\$ 185.00	\$ 4,070.00	\$ 300.00	\$ 6,600.00	\$ 230.00	\$ 5,060.00
35	Modification of Existing Catch Basin (CB5) per project plans (storm drain)	EA	1	\$ 6,000.00	\$ 6,000.00	\$ 4,200.00	\$ 4,200.00	\$ 6,000.00	\$ 6,000.00	\$ 7,100.00	\$ 7,100.00
36	Monolithic Connection (CB3, CB4) per project plans (storm drain)	EA	2	\$ 3,000.00	\$ 6,000.00	\$ 1,000.00	\$ 2,000.00	\$ 630.00	\$ 1,260.00	\$ 1,800.00	\$ 3,600.00
37	Concrete Collar	EA	2	\$ 1,200.00	\$ 2,400.00	\$ 500.00	\$ 1,000.00	\$ 800.00	\$ 1,600.00	\$ 1,200.00	\$ 2,400.00
38	Remove Existing Catch Basins per project plans (storm drain)	EA	4	\$ 3,600.00	\$ 14,400.00	\$ 1,700.00	\$ 6,800.00	\$ 1,600.00	\$ 6,400.00	\$ 1,210.00	\$ 4,840.00
TRAFFIC SIGNAL											
39	Jack Conduit Galvanized 3 in./ft., Crossing	LF	110	\$ 35.00	\$ 3,850.00	\$ 200.00	\$ 22,000.00	\$ 62.00	\$ 6,820.00	\$ 28.00	\$ 3,080.00
40	Trench Excavation in Concrete Roadway/ft.	LF	100	\$ 35.00	\$ 3,500.00	\$ 70.00	\$ 7,000.00	\$ 46.00	\$ 4,600.00	\$ 78.00	\$ 7,800.00
41	Trench Excavation in Asphalt-Covered Concrete Roadway/ft	LF	1,700	\$ 30.00	\$ 51,000.00	\$ 80.00	\$ 136,000.00	\$ 46.00	\$ 78,200.00	\$ 73.00	\$ 124,100.00
42	Install 2 in. PVC Conduit (in Open Trench)/ft.	LF	100	\$ 4.50	\$ 450.00	\$ 15.00	\$ 1,500.00	\$ 7.00	\$ 700.00	\$ 3.00	\$ 300.00
43	Install 3 in. PVC Conduit (in Open Trench)/ft.	LF	3,200	\$ 6.50	\$ 20,800.00	\$ 17.00	\$ 54,400.00	\$ 8.10	\$ 25,920.00	\$ 3.50	\$ 11,200.00
44	Install Pull Box (PB)-3 with out Sweeps	EA	5	\$ 600.00	\$ 3,000.00	\$ 800.00	\$ 4,000.00	\$ 620.00	\$ 3,100.00	\$ 556.00	\$ 2,780.00

City of Los Angeles - Department of Public Works - Bureau of Engineering
Victory Boulevard Widening Phase 1 - from Canoga Avenue to Owensmouth Avenue
W.O. No. E1907756



DETAILED RESULTS				CITY ENGINEER'S ESTIMATE		POWELL CONSTRUCTORS, Inc.		ALL AMERICAN ASPHALT		PALP, Inc. dba EXCEL PAVING COMPANY	
ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
45	Install PB-3 with Sweeps	EA	10	\$ 1,100.00	\$ 11,000.00	\$ 1,200.00	\$ 12,000.00	\$ 1,200.00	\$ 12,000.00	\$ 832.00	\$ 8,320.00
46	Join and Extend Conduit with PB-3 with Sweeps	EA	2	\$ 2,000.00	\$ 4,000.00	\$ 2,500.00	\$ 5,000.00	\$ 2,500.00	\$ 5,000.00	\$ 1,200.00	\$ 2,400.00
47	Double Deep PB-3	EA	2	\$ 800.00	\$ 1,600.00	\$ 1,050.00	\$ 2,100.00	\$ 1,600.00	\$ 3,200.00	\$ 1,200.00	\$ 2,400.00
48	Video Fiber (24 Single Mode) - V.F. (24 SM)	LF	6,300	\$ 5.00	\$ 31,500.00	\$ 3.50	\$ 22,050.00	\$ 3.10	\$ 19,530.00	\$ 2.50	\$ 15,750.00
49	Fiber Optic (24 Single Mode) - F.O. (24 SM)	LF	6,300	\$ 5.00	\$ 31,500.00	\$ 3.50	\$ 22,050.00	\$ 3.10	\$ 19,530.00	\$ 2.30	\$ 14,490.00
50	Interconnect (25 pairs) - I/C (25 - PAIRS)	LF	1,500	\$ 2.90	\$ 4,350.00	\$ 6.00	\$ 9,000.00	\$ 5.10	\$ 7,650.00	\$ 5.60	\$ 8,400.00
51	Rewire Existing Loops in Controller (Nos. Reassigned)	EA	2	\$ 150.00	\$ 300.00	\$ 75.00	\$ 150.00	\$ 220.00	\$ 440.00	\$ 1,700.00	\$ 3,400.00
52	Install Detector Loop with Home Run (6 ft. Diameter)	EA	24	\$ 550.00	\$ 13,200.00	\$ 450.00	\$ 10,800.00	\$ 430.00	\$ 10,320.00	\$ 360.00	\$ 8,640.00
53	Install Bus Detector Loop with Home Run; at Midblock & Half Roadway	EA	1	\$ 1,400.00	\$ 1,400.00	\$ 1,500.00	\$ 1,500.00	\$ 1,350.00	\$ 1,350.00	\$ 1,700.00	\$ 1,700.00
54	Install 1-PR Bus Detector Lead-in Cable (DLC)/ft	LF	500	\$ 1.40	\$ 700.00	\$ 2.00	\$ 1,000.00	\$ 1.00	\$ 500.00	\$ 1.20	\$ 600.00
55	Install 2-PR Detector Lead-in Cable (DLC)/ft	LF	2,200	\$ 1.40	\$ 3,080.00	\$ 1.40	\$ 3,080.00	\$ 1.20	\$ 2,640.00	\$ 1.50	\$ 3,300.00
56	Install 4-PR Detector Lead-in Cable (DLC)/ft	LF	560	\$ 1.85	\$ 1,036.00	\$ 2.50	\$ 1,400.00	\$ 3.00	\$ 1,680.00	\$ 2.50	\$ 1,400.00
57	Install Detector Loop Stub Out (C & G) - Concrete (?)	EA	5	\$ 600.00	\$ 3,000.00	\$ 500.00	\$ 2,500.00	\$ 310.00	\$ 1,550.00	\$ 560.00	\$ 2,800.00
58	Install 5 Conductor Cable (5x #14)/ft.	LF	150	\$ 1.35	\$ 202.50	\$ 2.25	\$ 337.50	\$ 4.10	\$ 615.00	\$ 1.80	\$ 270.00
59	Install 9 Conductor Cable (8x #14;1x #12)/ft.	LF	100	\$ 1.60	\$ 160.00	\$ 3.80	\$ 380.00	\$ 6.00	\$ 600.00	\$ 2.50	\$ 250.00
60	Install 13 Conductor Cable (11x #14;1x #12)/ft.	LF	30	\$ 1.80	\$ 54.00	\$ 6.00	\$ 180.00	\$ 8.00	\$ 240.00	\$ 2.75	\$ 82.50
61	Install 28 Conductor Cable (27x #14;1x #12)/ft.	LF	400	\$ 3.75	\$ 1,500.00	\$ 12.00	\$ 4,800.00	\$ 13.00	\$ 5,200.00	\$ 5.60	\$ 2,240.00
62	Install Accessible Pedestrian Signals (APS) (Includes Sign)	EA	2	\$ 600.00	\$ 1,200.00	\$ 1,500.00	\$ 3,000.00	\$ 1,650.00	\$ 3,300.00	\$ 2,200.00	\$ 4,400.00
63	3 SECTION 8 in. (R,Y,G) ONE WAY (installation & wiring included)	EA	4	\$ 700.00	\$ 2,800.00	\$ 1,000.00	\$ 4,000.00	\$ 1,150.00	\$ 4,600.00	\$ 1,000.00	\$ 4,000.00
64	3 SECTION 12 in. (RA,YA,GA) Mast Arm Mount (installation & wiring included)	EA	3	\$ 700.00	\$ 2,100.00	\$ 1,200.00	\$ 3,600.00	\$ 1,050.00	\$ 3,150.00	\$ 831.00	\$ 2,493.00
65	5 SECTION 12 in (R,Y,G,YA,GA) ONE WAY (installation & wiring included)	EA	4	\$ 1,250.00	\$ 5,000.00	\$ 1,500.00	\$ 6,000.00	\$ 2,250.00	\$ 9,000.00	\$ 1,000.00	\$ 4,000.00
66	Pedestrian Head - ONE WAY (installation & wiring included)	EA	4	\$ 960.00	\$ 3,840.00	\$ 700.00	\$ 2,800.00	\$ 860.00	\$ 3,440.00	\$ 830.00	\$ 3,320.00
67	Install TYPE 29 with Mast Arm (M.A.)	EA	1	\$ 9,880.00	\$ 9,880.00	\$ 15,000.00	\$ 15,000.00	\$ 13,130.00	\$ 13,130.00	\$ 10,527.00	\$ 10,527.00
68	Install 40 ft DAVIT with 25 ft. M.A.	EA	3	\$ 6,500.00	\$ 19,500.00	\$ 12,000.00	\$ 36,000.00	\$ 10,100.00	\$ 30,300.00	\$ 10,527.00	\$ 31,581.00
69	Install Cast in Drilled Hole (CIDH) Pile Foundation	EA	4	\$ 2,750.00	\$ 11,000.00	\$ 2,000.00	\$ 8,000.00	\$ 5,025.00	\$ 20,100.00	\$ 5,600.00	\$ 22,400.00
70	Removal of Existing Conductors in Conduit/ft. (Labor Only)	LF	3,000	\$ 0.40	\$ 1,200.00	\$ 3.00	\$ 9,000.00	\$ 3.10	\$ 9,300.00	\$ 1.25	\$ 3,750.00
71	Remove Pedestrian (PED) Push Button	EA	2	\$ 20.00	\$ 40.00	\$ 50.00	\$ 100.00	\$ 51.00	\$ 102.00	\$ 111.00	\$ 222.00

City of Los Angeles - Department of Public Works - Bureau of Engineering
Victory Boulevard Widening Phase 1 - from Canoga Avenue to Owensmouth Avenue
W.O. No. E1907756



DETAILED RESULTS				CITY ENGINEER'S ESTIMATE		POWELL CONSTRUCTORS, Inc.		ALL AMERICAN ASPHALT		PALP, Inc. dba EXCEL PAVING COMPANY	
ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
72	Remove Traffic Signal Head	EA	10	\$ 89.99	\$ 899.90	\$ 100.00	\$ 1,000.00	\$ 152.00	\$ 1,520.00	\$ 111.00	\$ 1,110.00
73	Remove PED Head	EA	4	\$ 90.00	\$ 360.00	\$ 50.00	\$ 200.00	\$ 101.00	\$ 404.00	\$ 111.00	\$ 444.00
74	Remove TYPE - Bureau Street Lighting (BSL) (Excluding Heads)	EA	2	\$ 220.00	\$ 440.00	\$ 600.00	\$ 1,200.00	\$ 606.00	\$ 1,212.00	\$ 1,200.00	\$ 2,400.00
75	Remove TYPE-26 (with M.A. Only)	EA	2	\$ 410.00	\$ 820.00	\$ 1,100.00	\$ 2,200.00	\$ 1,220.00	\$ 2,440.00	\$ 1,200.00	\$ 2,400.00
76	Remove F-2 Foundation	EA	1	\$ 355.00	\$ 355.00	\$ 1,700.00	\$ 1,700.00	\$ 810.00	\$ 810.00	\$ 2,800.00	\$ 2,800.00
77	Remove F-5, 6, or 14 (Concrete Poles) (BSL) Foundation	EA	1	\$ 355.00	\$ 355.00	\$ 950.00	\$ 950.00	\$ 810.00	\$ 810.00	\$ 2,800.00	\$ 2,800.00
78	Remove CIDH Pile Foundation	EA	2	\$ 660.00	\$ 1,320.00	\$ 1,600.00	\$ 3,200.00	\$ 2,450.00	\$ 4,900.00	\$ 5,000.00	\$ 10,000.00
79	Install Accessible Pedestrian Signals (APS) (Includes Sign)	EA	2	\$ 600.00	\$ 1,200.00	\$ 1,500.00	\$ 3,000.00	\$ 1,650.00	\$ 3,300.00	\$ 2,300.00	\$ 4,600.00
TRAFFIC STRIPING											
80	MARKOUT (Per ft.)	LF	10,000	\$ 0.30	\$ 3,000.00	\$ 0.20	\$ 2,000.00	\$ 0.15	\$ 1,500.00	\$ 0.25	\$ 2,500.00
81	4 in. Broken Single Line, Plastic (Per ft.)	LF	7,300	\$ 0.72	\$ 5,256.00	\$ 0.40	\$ 2,920.00	\$ 0.40	\$ 2,920.00	\$ 0.35	\$ 2,555.00
82	4 in. Solid Double Centerline, Plastic (Per ft.)	LF	800	\$ 1.68	\$ 1,344.00	\$ 1.50	\$ 1,200.00	\$ 1.51	\$ 1,208.00	\$ 1.50	\$ 1,200.00
83	TWO-WAY L.T. Lane, Plastic (Per ft.)	LF	1,940	\$ 1.50	\$ 2,910.00	\$ 1.20	\$ 2,328.00	\$ 1.21	\$ 2,347.40	\$ 1.20	\$ 2,328.00
84	8 in. Broken White Lane Line, 8"x3' - Plastic (Per ft.)	LF	435	\$ 1.68	\$ 730.80	\$ 1.50	\$ 652.50	\$ 1.51	\$ 656.85	\$ 0.90	\$ 391.50
85	CAT-TRACKS, Plastic (Per Linear ft.)	LF	810	\$ 0.84	\$ 680.40	\$ 2.00	\$ 1,620.00	\$ 2.02	\$ 1,636.20	\$ 0.90	\$ 729.00
86	8 in. Barrier Line, Plastic (Per ft.)	LF	1,350	\$ 3.00	\$ 4,050.00	\$ 1.20	\$ 1,620.00	\$ 1.21	\$ 1,633.50	\$ 1.50	\$ 2,025.00
87	Limit Line, Plastic (Per ft.)	LF	360	\$ 3.60	\$ 1,296.00	\$ 3.00	\$ 1,080.00	\$ 4.00	\$ 1,440.00	\$ 2.25	\$ 810.00
88	Continental Cross-Walk Line, Plastic (Per Leg)	EA	4	\$ 900.00	\$ 3,600.00	\$ 800.00	\$ 3,200.00	\$ 808.00	\$ 3,232.00	\$ 2,200.00	\$ 8,800.00
89	Arrow Curved, Plastic (EA)	EA	13	\$ 300.00	\$ 3,900.00	\$ 100.00	\$ 1,300.00	\$ 101.00	\$ 1,313.00	\$ 66.00	\$ 858.00
90	Red Curb (Per Linear ft.)	LF	300	\$ 2.64	\$ 792.00	\$ 2.00	\$ 600.00	\$ 3.00	\$ 900.00	\$ 1.30	\$ 390.00
91	Install Sign(s)	EA	14	\$ 150.00	\$ 2,100.00	\$ 250.00	\$ 3,500.00	\$ 253.00	\$ 3,542.00	\$ 150.00	\$ 2,100.00
92	Install Post(s)	EA	6	\$ 150.00	\$ 900.00	\$ 250.00	\$ 1,500.00	\$ 253.00	\$ 1,518.00	\$ 125.00	\$ 750.00
93	Remove Sign(s)	EA	5	\$ 30.00	\$ 150.00	\$ 75.00	\$ 375.00	\$ 76.00	\$ 380.00	\$ 50.00	\$ 250.00
94	Remove Post(s)	EA	4	\$ 50.00	\$ 200.00	\$ 200.00	\$ 800.00	\$ 202.00	\$ 808.00	\$ 50.00	\$ 200.00
95	Sandblasting	LS			\$ 4,800.00		\$ 6,200.00		\$ 6,300.00		\$ 10,700.00
96	Install/Relocate Signpost	EA	2	\$ 160.00	\$ 320.00	\$ 250.00	\$ 500.00	\$ 253.00	\$ 506.00	\$ 106.00	\$ 212.00
STREET LIGHTING											
97	Deliver to BSL Yard (Santa Monica Blvd. & Virgil) per Plan	LS			\$ 500.00		\$ 1,500.00		\$ 1,650.00		\$ 2,800.00

City of Los Angeles - Department of Public Works - Bureau of Engineering
Victory Boulevard Widening Phase 1 - from Canoga Avenue to Owensmouth Avenue
W.O. No. E1907756



DETAILED RESULTS				CITY ENGINEER'S ESTIMATE		POWELL CONSTRUCTORS, Inc.		ALL AMERICAN ASPHALT		PALP, Inc. dba EXCELPAVING COMPANY	
ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
98	Remove and dispose of non-asbestos contaminated foundation and pullbox, and restore surface to match existing	EA	12	\$ 800.00	\$ 9,600.00	\$ 1,000.00	\$ 12,000.00	\$ 810.00	\$ 9,720.00	\$ 2,800.00	\$ 33,600.00
99	Remove and dispose of existing wires per general notes on Sheet 1 of project plans	LS			\$ 1,007.00		\$ 5,000.00		\$ 1,600.00		\$ 5,600.00
100	1" galvanized conduit (Parkway) including excavations and restoring surface to match adjacent surface	LF	840	\$ 20.00	\$ 16,800.00	\$ 25.00	\$ 21,000.00	\$ 12.15	\$ 10,206.00	\$ 20.00	\$ 16,800.00
101	1-1/2" galvanized conduit (Street cross) including excavations and restoring surface to match adjacent surface	LF	140	\$ 35.00	\$ 4,900.00	\$ 60.00	\$ 8,400.00	\$ 46.00	\$ 6,440.00	\$ 70.00	\$ 9,800.00
102	#10 THWN AWG solid wire	LS			\$ 3,000.00		\$ 2,000.00		\$ 1,515.00		\$ 1,800.00
103	#8 AWG stranded wire (600v)	LS			\$ 5,800.00		\$ 19,000.00		\$ 19,190.00		\$ 13,000.00
104	PB, type 2 Armorcast including lid, bends, excavating and restoring surface to match adjacent surface	EA	26	\$ 700.00	\$ 18,200.00	\$ 600.00	\$ 15,600.00	\$ 404.00	\$ 10,504.00	\$ 600.00	\$ 15,600.00
105	10 amp fuse kit (includes cartridge fuse)	EA	23	\$ 35.00	\$ 805.00	\$ 100.00	\$ 2,300.00	\$ 76.00	\$ 1,748.00	\$ 72.00	\$ 1,656.00
106	Foundation (40' DAVIT) including cap, excavation all bends and restoring surface to match adjacent surface	EA	16	\$ 1,000.00	\$ 16,000.00	\$ 4,500.00	\$ 72,000.00	\$ 4,040.00	\$ 64,640.00	\$ 2,500.00	\$ 40,000.00
107	40' DAVIT pole with 6' arm	EA	16	\$ 7,500.00	\$ 120,000.00	\$ 5,000.00	\$ 80,000.00	\$ 4,040.00	\$ 64,640.00	\$ 3,250.00	\$ 52,000.00
108	Remove and reinstall pole per plan 15' Round Aluminum Pole (Gardco)	EA	3	\$ 700.00	\$ 2,100.00	\$ 3,000.00	\$ 9,000.00	\$ 1,000.00	\$ 3,000.00	\$ 5,000.00	\$ 15,000.00
109	LED luminaire (400W High Pressure Sodium (HPS) replacement at midblock) per plan	EA	14	\$ 900.00	\$ 12,600.00	\$ 800.00	\$ 11,200.00	\$ 657.00	\$ 9,198.00	\$ 1,390.00	\$ 19,460.00
110	Gardco Form 10 luminaire or approved equal	EA	3	\$ 1,000.00	\$ 3,000.00	\$ 3,500.00	\$ 10,500.00	\$ 3,550.00	\$ 10,650.00	\$ 1,600.00	\$ 4,800.00
111	LED luminaire (400W HPS replacement at intersection) per plan	EA	4	\$ 1,022.00	\$ 4,088.00	\$ 850.00	\$ 3,400.00	\$ 660.00	\$ 2,640.00	\$ 5,000.00	\$ 20,000.00
112	ROAM Node per plan. (See BSL Directive 413 for purchase and pickup)	EA	21	\$ 100.00	\$ 2,100.00	\$ 300.00	\$ 6,300.00	\$ 173.00	\$ 3,633.00	\$ 555.00	\$ 11,655.00
113	Fabricate a new shield for a 15' Gardco Pole Per Detail "A"	EA	3	\$ 500.00	\$ 1,500.00	\$ 150.00	\$ 450.00	\$ 127.00	\$ 381.00	\$ 800.00	\$ 2,400.00
114	Temporary lighting per Plan	EA	17	\$ 500.00	\$ 8,500.00	\$ 2,500.00	\$ 42,500.00	\$ 2,600.00	\$ 44,200.00	\$ 8,000.00	\$ 136,000.00
LANDSCAPING											
115	Weed Removal/Control	SF	736	\$ 0.05	\$ 36.80	\$ 0.25	\$ 184.00	\$ 0.50	\$ 368.00	\$ 2.00	\$ 1,472.00
116	Rough Grading	SF	736	\$ 0.10	\$ 73.60	\$ 2.00	\$ 1,472.00	\$ 0.50	\$ 368.00	\$ 2.00	\$ 1,472.00
117	Class A Topsoil at Tree wells (or prepared soil, 1.9cy)	CY	44	\$ 35.00	\$ 1,540.00	\$ 100.00	\$ 4,400.00	\$ 76.00	\$ 3,344.00	\$ 88.00	\$ 3,872.00
118	Soil Excavation/Haul away at Tree wells (4' X 8')	CY	68	\$ 30.00	\$ 2,040.00	\$ 70.00	\$ 4,760.00	\$ 115.00	\$ 7,820.00	\$ 350.00	\$ 23,800.00
119	24 inch Box Replacement Trees	EA	19	\$ 300.00	\$ 5,700.00	\$ 300.00	\$ 5,700.00	\$ 300.00	\$ 5,700.00	\$ 315.00	\$ 5,985.00
120	36 inch Box Trees	EA	23	\$ 750.00	\$ 17,250.00	\$ 900.00	\$ 20,700.00	\$ 730.00	\$ 16,790.00	\$ 825.00	\$ 18,975.00

City of Los Angeles - Department of Public Works - Bureau of Engineering
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DETAILED RESULTS				CITY ENGINEER'S ESTIMATE		POWELL CONSTRUCTORS, Inc.		ALL AMERICAN ASPHALT		PALP, Inc. dba EXCEL PAVING COMPANY	
ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
121	18" Root Barrier at Tree Wells (10f ft)	EA	23	\$ 75.00	\$ 1,725.00	\$ 100.00	\$ 2,300.00	\$ 191.00	\$ 4,393.00	\$ 211.00	\$ 4,853.00
122	Decomposed Granite at Tree Wells (2" depth) (23 wells)	SF	736	\$ 2.00	\$ 1,472.00	\$ 2.00	\$ 1,472.00	\$ 3.20	\$ 2,355.20	\$ 4.00	\$ 2,944.00
123	Soil Suitability Report (Agricultural Suitability Test)	EA	1	\$ 500.00	\$ 500.00	\$ 200.00	\$ 200.00	\$ 1,600.00	\$ 1,600.00	\$ 1,600.00	\$ 1,600.00
124	Street Tree Irrigation System	SF	736	\$ 3.00	\$ 2,208.00	\$ 10.00	\$ 7,360.00	\$ 5.30	\$ 3,900.80	\$ 6.00	\$ 4,416.00
125	Backflow unit with strainer, pressure regulator, enclosure on slab	EA	1	\$ 2,000.00	\$ 2,000.00	\$ 4,500.00	\$ 4,500.00	\$ 3,300.00	\$ 3,300.00	\$ 4,000.00	\$ 4,000.00
126	4-Station Leit 4000 solar Controller with 4 valve actuators or equal	EA	1	\$ 1,500.00	\$ 1,500.00	\$ 3,000.00	\$ 3,000.00	\$ 3,100.00	\$ 3,100.00	\$ 3,800.00	\$ 3,800.00
127	Rain Sensor (with Solar Controller)	EA	1	\$ 150.00	\$ 150.00	\$ 500.00	\$ 500.00	\$ 400.00	\$ 400.00	\$ 500.00	\$ 500.00
128	1" Mainline Schedule (Sch.) 80 at Sidewalk Area	LF	778	\$ 23.50	\$ 18,283.00	\$ 6.00	\$ 4,668.00	\$ 6.30	\$ 4,901.40	\$ 7.00	\$ 5,446.00
129	Pipe Sleeving at Sidewalk Area (2" Sch. 40)	LF	209	\$ 47.00	\$ 9,823.00	\$ 10.00	\$ 2,090.00	\$ 6.80	\$ 1,421.20	\$ 8.00	\$ 1,672.00
130	3/4" Lateral Lines at Sidewalk Area (Sch. 40)	LF	847	\$ 19.00	\$ 16,093.00	\$ 5.00	\$ 4,235.00	\$ 5.80	\$ 4,912.60	\$ 6.50	\$ 5,505.50
131	Pipe Sleeving at Sidewalk Area (1 1/2" Sch. 40)	LF	105	\$ 38.00	\$ 3,990.00	\$ 8.00	\$ 840.00	\$ 7.00	\$ 735.00	\$ 7.00	\$ 735.00
132	Controller Wiring at Sidewalk Area	LF	525	\$ 5.00	\$ 2,625.00	\$ 0.50	\$ 262.50	\$ 1.00	\$ 525.00	\$ 1.75	\$ 918.75
133	Rain Bird, Root Watering System (RWS) 1401 Tree Watering System (bubbler/ tree well) or equal	EA	46	\$ 65.00	\$ 2,990.00	\$ 50.00	\$ 2,300.00	\$ 86.00	\$ 3,956.00	\$ 90.00	\$ 4,140.00
134	1" New Water Meter Installation	LS			\$ 3,500.00		\$ 3,000.00		\$ 8,000.00		\$ 11,100.00
135	365 Day Plant Establishment	LS			\$ 12,000.00		\$ 12,000.00		\$ 10,000.00		\$ 9,000.00
136	Remove and Replace Existing Decorative Plants, Bushes and Landscaping in Private Properties per General Requirements Section 1280	LS			\$ 5,000.00		\$ 5,000.00		\$ 3,000.00		\$ 3,200.00
137	Remove and Replace and/or Relocate Existing Irrigation System for Private Properties per General Requirements Section 1280	LS			\$ 2,500.00		\$ 5,000.00		\$ 6,500.00		\$ 7,000.00
UTILITIES											
138	Water connections to Private Properties per General Requirements Section 1280	LS			\$ 6,500.00		\$ 5,000.00		\$ 12,000.00		\$ 72,000.00
139	Fire Main Connection per General Requirements Section 1280	LS			\$ 5,000.00		\$ 6,000.00		\$ 13,500.00		\$ 17,000.00
140	Overnight Fire Watch to Private Properties per General Requirements Section 1280	LS			\$ 5,000.00		\$ 1,500.00		\$ 3,000.00		\$ 4,000.00
TOTAL ESTIMATED CONSTRUCTION COST:				\$ 2,146,455.00		\$ 2,036,058.80		\$ 2,096,000.00		\$ 2,127,867.15	
				{Low} -5.14%		{Low} -2.35%		{Low} -0.87%			