DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING SERVICES
OFFICE ENGINEER
1727 30th Street MS-43
P.O. BOX 168041
SACRAMENTO, CA 95816-8041
FAX (916) 227-6214
TTY 711

Flex your power!
Be energy efficient!

December 3, 2013

07-LA-10-33.2/37.2
07-1170U4
Project ID 0700000085
CMLN-6207(059)

Addendum No. 3

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN LOS ANGELES COUNTY IN BALDWIN PARK AND WEST COVINA FROM 0.1 MILE WEST OF PUENTE AVENUE UNDERCROSSING TO 0.2 MILE EAST OF HOLLENBECK STREET UNDERCROSSING.

Submit bids for this work with the understanding and full consideration of this addendum. The revisions declared in this addendum are an essential part of the contract.

Bids for this work will be opened on Thursday, December 19, 2013.

This addendum is being issued to revise the Project Plans, the Notice to Bidders and Special Provisions, the Bid book and provide a copy of the Information Handout.

Project Plan Sheets 1, 36, 40, 41, 42, 43, 44, 48, 56, 57, 163, 164, 273, 274, 275, 276, 279, 280, 282, 284, 285, 288, 292, 304, 308, 310, 319, 320, 335, 336, 337, 338, 340, 341, 342, 347, 348, 351, 360, 361, 365, 366, 367, 368, 369, 370, 372, 373, 388, 389, 399, 400, 401, 402, 413, 428, 429, 472, 473, 474, 475, 476, 502, 503, 505, 506, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 523, 524, 525, 531, 538, 539, 540, 546, 547, 551, 564, 565, 568, 578, 579, 581, 594, 595, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 613, 616, 617, 630, 633, 667, 719, 725, 726, 733, 734, 735, 790, 829, 835, 850, 869, 870, 882, 884, 885, 886, 897, 901, 902, 995, 996, 997, 998, 1009, 1010, 1011, 1012, 1013, 1017, 1018, and 1019 are revised. Copies of the revised sheets are attached for substitution for the like-numbered sheets.

Project Plan Sheets 156A, 156B, 156C, 156D, 156E, 156F, 202A, 270A, 272A, 272B, 295A, 308A, 310A, 365A, 365B, 365C, 366A, 400A, 400B, 616A, 648A, 648B, 648C, 996A, 996B, 1009A, 1009B, 1010A, 1011A, 1012A, 1013A, 1018A, 1430A, 1430B, 1430C, 1430D, 1430E, 1430F, 1430G, 1430H, 1430J, 1430K, 1430L, 1430M, 1430N, 1430P and 1430T are added. Copies of the added sheets are attached for addition to the project plans.

Project Plan Sheets 488, 489, 494 and 1134 are deleted.

In the Notice to Bidders and Special Provisions, in the "STANDARD PLANS LIST," the following Standard Plan is deleted:

"RSP T-7."

In the Special Provisions, Section 4, "BEGINNING OF WORK, TIME OF COMPLETION, AND LIQUIDATED DAMAGES," subsection "INCENTIVES AND DISINCENTIVES," is revised as attached.

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In the Special Provisions, Section 5-1.12, "SUPPLEMENTAL PROJECT INFORMATION," is revised as attached.

In the Special Provisions, Section 5-1.17, "AERIALLY DEPOSITED LEAD," subsection "EARTH MATERIAL CONTAINING LEAD," is added as attached.

In the Special Provisions, Section 5-1.18, "NON-HIGHWAY FACILITIES (INCLUDING UTILITIES)," is revised as attached.

In the Special Provisions, Section 10-1.01, "ORDER OF WORK," the following paragraph is added after the last paragraph.

"Sanitary Sewer shall be constructed prior to construction of sound wall at eastbound on ramp at Vincent Avenue. Contractor shall provide two weeks notice prior to the commencement of construction at this location. Prior to construction of the sewer, Contractor has to verify the location and elevation of existing sewer pipes and utilities. No sewer construction allowed outside of the limits of temporary construction easements, as shown on the plans. Temporary bypass sewer system, as provided in the Section 10-4.08, of these Special Provisions should be operational prior to reconstruction and removal of existing sewer and sewer manholes. Contractor shall provide a one week notice prior to any potential utility service interruptions at this location. No loss in electrical service during the hours between 7.00 a.m. to 7.00 p.m. on weekdays and 8.00 a.m. to 1.00 p.m. on Saturdays is allowed. Temporary generators of sufficient capacity shall be provided at any time the electrical service is interrupted at contractor's expense and no additional compensation will be provided therefore."

In the Special Provisions, Section 10-1.21, "MAINTAIN TRAFFIC," the twenty second, twenty third, twenty fourth, twenty fifth and twenty sixth paragraphs are revised as follows:

"No construction activities and lane closures are permitted on eastbound Route 10 between West Covina Parkway/ Pacific Avenue and Vincent Avenue, from the Monday preceding Thanksgiving weekend through January 2. During this period no off-ramp or street closures on West Covina Parkway, Sunset Avenue, Vincent Avenue and Azusa Avenue will be permitted

Route 10 may be closed to public traffic at one location in each direction of travel at one time for loop detector installation in conformance with the hours and requirements as shown on Charts 3 through 10.

As shown in the Construction Stage 2 plans, the Contractor will be permitted to close ramps for a continuous period of time to complete all ramp work shown on the plan and open the lanes to public traffic. The locations and closure durations are shown in the table below.

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Ramp Location	Direction/Route	Closure Duration
Puente Ave ramps	EB 10	60 days
Puente Ave ramps	WB 10	
Pacific Ave/West Covina Parkway on-ramp	EB 10	
Pacific Ave/West Covina Parkway ramps	WB 10	
Sunset Ave off-ramp	WB 10	
(NB) Vincent Ave on-ramp	EB 10	
Vincent Ave on-ramps	WB 10	
Azusa Ave on-ramps	EB 10	
Azusa Ave on-ramps	WB 10	
Pacific Ave/West Covina Parkway off-ramp	EB 10	240 days
(SB) Vincent Ave on-ramp	EB 10	

During continuous ramp closures, public traffic shall be detoured as shown on the Motorist Information Plans. No ramp closures and city street lane closures as shown on Charts 11 through 45 will be permitted if they conflict with the continuous ramp closure detours.

As shown in the Construction Stage 2 Phase 3, 3A, 5 and 5A plans, for the Vincent Avenue and Azusa Avenue off-ramps, the Contractor will have 90 days to complete the ramp work shown on the plans and open all ramp lanes to traffic. During the off-ramp stage work when one lane is open to traffic the Contractor shall place a portable changeable message sign 3000 feet in advance of the off-ramp upstream to the off-ramp being closed or as determined by the Engineer with the message: "NAME OF RAMP – ALT USE/NEXT/EXIT"

Except as otherwise provided in these special provisions, the Contractor will be permitted to close the Vincent Ave and Azusa Ave off-ramps for the purpose of constructing ramp terminus concrete pavement for one extended period of time beginning at 2200 Friday through 0500 the following Monday in place of Charts 22, 25,28 and 31. A portable changeable message sign shall be placed at a location on the ramp as determined by the Engineer, 7 continuous days in advance of the date of the planned closure, with the weekend message: "RAMP / WILL BE / CLOSED – NEXT / WEEKEND," and with a weekday message: "RAMP / WILL BE / CLOSED – THIS / WEEKEND." When an off-ramp is closed, the Contractor shall place a portable changeable message sign for the entire closure duration a minimum of 1500 feet in advance of the off-ramp upstream to the ramp being closed or as determined by the Engineer with the message: "NAME OF RAMP / EXIT / CLOSED."

In the Special Provisions, Section 10-1.72, "POLYESTER CONCRETE OVERLAY," subsection "ARCHITECTURAL SURFACE (TEXTURED CONCRETE," is revised as attached.

In the Special Provisions, Section 10-1.32, EXISTING HIGHWAY FACILITIES," subsection "REMOVE CONCRETE RAILINGS," is added as attached.

In the Special Provisions, Section 10-1.32, EXISTING HIGHWAY FACILITIES," subsection "SALVAGE WEST COVINA CIVIC CENTER SIGN," is added as attached.

In the Special Provisions, Section 10-1.79, "FURNISH SIGN," subsection "WEST COVINA CIVIC CENTER SIGN," is added as attached.

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In the Special Provisions, Section 10-1.80, "CLEAN AND PAINT STRUCTURAL STEEK," subsections "PREPARE AND PAINT CONCRETE SURFACES and ANTI-GRAFFITI COATING," are added as attached.

In the Special Provisions, Section 10-1.99A, "CRASH CUSHION (SCI-70GM)," is added as attached.

In the Special Provisions, Section 10-1.100A, "CRASH CUSHION (ALTERNATIVE)," is added as attached.

In the Special Provisions, Section 10-1.99 "CRASH CUSHION (ADIEM)," is deleted.

In the Special Provisions, Section 10-2 "HIGHWAY PLANTING AND IRRIGATION SYSTEMS," subsection "COST BREAK-DOWN," is revised as attached.

In the Bid book, in the "Bid Item List," Items 8, 9, 11, 12, 29, 31, 35, 40, 41, 42, 43, 44, 46, 48, 51, 52, 54, 89, 95, 113, 131, 134, 135, 141, 147, 148, 165, 176, 178, 180, 181, 183, 185, 202, 209, 210, 211, 213, 222, 242, 243, 257, 258, 259 and 261 are revised, Items 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, and 308 are added and Items 226 and 292 are deleted as attached.

To Bid book holders:

Replace the entire Bid book with the attached revised Bid Item List. The revised Bid Item List is to be used in the bid.

Attached is a copy of the Information Handout.

Inquiries or questions in regard to this addendum must be communicated as a bidder inquiry and must be made as noted in the Notice to Bidders section of the Notice to Bidders and Special Provisions.

Indicate receipt of this addendum by filling in the number of this addendum in the space provided on the signature page of the Bid book.

Submit bids in the Bid book you now possess. Holders who have already mailed their book will be contacted to arrange for the return of their book.

Inform subcontractors and suppliers as necessary.

This addendum and attachments are available for the Contractors' download on the Web site:

http://www.dot.ca.gov/hq/esc/oe/project_ads_addenda/07/07-1170U4

If you are not a Bid book holder, but request a book to bid on this project, you must comply with the requirements of this letter before submitting your bid.

Sincerely,

MOHSEN SULTAN
Chief, Office of Plans, Specifications & Estimates
Office Engineer
Division of Engineering Services

Attachments

INCENTIVES AND DISINCENTIVES

Incentive payments and disincentive deductions apply to the completion of the work specified in the Incentive / Disincentive table.

Comply with "Maintaining Traffic" and "Closure Requirements and Conditions" of these special provisions.

Incentive payments and disincentive deductions are independent of liquidated damages and damages specified in "Closure Requirements and Conditions" of these special provisions.

Complete the work specified and open all the lanes to public traffic within the time specified in the Incentive / Disincentive table starting on the day specified. If you complete the work and open all the lanes to public traffic within the specified time, you will receive the incentive shown for each day less than the time specified. If you do not complete the work and open all the lanes to public traffic within the specified time, the Department will deduct the disincentive shown for each day needed to complete the work and opening all the lanes to public traffic.

Location	Days	Incentive amount	Disincentive amount
EB Route 10 - Puente Ave on-ramp	60	$5,000 per day $100,000 Maximum	$5,000 per day
WB Route 10 - Puente Ave off-ramp	60	$5,000 per day $100,000 Maximum	$5,000 per day
EB Route 10 - Azusa Ave off-ramp	90	$5,000 per day $100,000 Maximum	$5,000 per day
WB Route 10 – Azusa Ave off-ramp	90	$5,000 per day $100,000 Maximum	$5,000 per day
EB Route 10 - Puente Ave off-ramp	60	$4,000 per day $80,000 Maximum	$4,000 per day
EB Rte 10 – SB Vincent Ave off-ramp	90	$4,000 per day $80,000 Maximum	$4,000 per day
EB Route 10 - NB Vincent Ave on-ramp	60	$4,000 per day $80,000 Maximum	$4,000 per day
WB Route 10 - Sunset Ave off-ramp	60	$4,000 per day $80,000 Maximum	$4,000 per day
WB Route 10 - NB Azusa Ave on-ramp	60	$4,000 per day $80,000 Maximum	$4,000 per day
WB Route 10 - SB Azusa Ave on-ramp	60	$4,000 per day $80,000 Maximum	$4,000 per day
EB Route 10 - Pacific Ave/West Covina Pkwy on-ramp	60	$3,000 per day $60,000 Maximum	$3,000 per day
EB Route 10 - SB Azusa Ave on-ramp	60	$3,000 per day $60,000 Maximum	$3,000 per day
WB Route 10 – Vincent Ave off-ramp	90	$3,000 per day $60,000 Maximum	$3,000 per day

WB Route 10 - Pacific Ave/West Covina Pkwy off-ramp	60	$3,000 per day $60,000 Maximum	$3,000 per day
WB Route 10 - Pacific Ave/West Covina Pkwy on-ramp	60	$3,000 per day $60,000 Maximum	$3,000 per day
EB Route 10 - NB Azusa Ave on-ramp	60	$2,000 per day $40,000 Maximum	$2,000 per day
WB Route 10 - Puente Ave on-ramp	60	$2,000 per day $40,000 Maximum	$2,000 per day
WB Route 10- NB Vincent Ave on-ramp	60	$2,000 per day $40,000 Maximum	$2,000 per day
WB Route 10- SB Vincent Ave on-ramp	60	$2,000 per day $40,000 Maximum	$2,000 per day

Total incentive payment will not exceed $1,340,000.

Total disincentive deduction will not exceed $1,340,000.

The time limit specified for the completion of the work is considered insufficient to permit completion of the work by working a normal number of hours per day or week on a single shift basis. Should you fail to maintain the progress of the work in conformance with "Progress Schedule (Critical Path Method)" of these special provisions, additional shifts will be required to the extent necessary to ensure that the progress conforms to the above mentioned schedule and that the work will be completed within the time limit specified.

Actions required by the Engineer to perform normal inspection and testing duties will not be considered as contributing to any delay in awarding incentives or to any delay that will require charging disincentives.

Full compensation for any additional costs incurred by compliance with the provisions in this section is included in the prices paid for the various contract items of work and no additional compensation will be allowed.

5-1.12 SUPPLEMENTAL PROJECT INFORMATION

The Department makes the following supplemental project information available:

Supplemental Project Information

Means	Description
Included in the Information Handout	1). Division of Occupational Safety and Health Administration - Underground Classification 2) Foundation Report-Puente Avenue UC 3) Foundation Report-Cameron Avenue UC and Off-Ramp 4) Foundation Report-W Covina UC 5) Foundation Report-Vincent Avenue UC and On-Ramp 6) Foundation Report-Lark Ellen Avenue UC 7) Foundation Report-Azusa Avenue UC-Draft for Structure PS&E 8) Foundation Report-Hollenbeck Avenue UC 9) Foundation Recommendation - Culvert Extension near Sta. 1759+00 10) Foundation Recommendation - Sound Wall Nos. 1871 and 1888 over RCB Culvert 11) Foundation Recommendation - SW 1847 over RCB Culvert 12) Geotechnical Recommendation - Sound Wall 1775 over existing utilities 13) Geotechnical Design Report for Sound Walls and Retaining Walls 14) Lead Site Investigation Reports 15). Lead Variance 16). Battery backup system connection diagrams and foundation details
Available as specified in the Standard Specifications	Cross sections Bridge as-built drawings

EARTH MATERIAL CONTAINING LEAD

General

This work includes handling earth material containing lead for Addendum No. 1 at the City of West Covina Civic Center location, under the Standard Specifications and these special provisions.

Submittals

Submit a lead compliance plan under Section 7-1.07, "Lead Compliance Plan," of the Standard Specifications.

Project Conditions

Lead is present in earth material within the project limits at average concentrations below 1,000 mg/kg total lead and below 5 mg/l soluble lead.

Earth material within the project limits:

1. Is not a hazardous waste
2. Does not require disposal at a permitted landfill or solid waste disposal facility

Lead has been detected in earth material in unpaved areas of the highway. Levels of lead found within the project limits range from 6.7 to 57 mg/kg total lead with an average concentration of less than 50 mg/kg total lead as analyzed by EPA Test Method 6010 or EPA Test Method 7000 series and based upon a 95% Upper Confidence Limit. Levels of lead found within the project limits have a predicted average soluble concentration of less than 2 mg/l as analyzed by the California Waste Extraction Test and based upon a 95% Upper Confidence Limit.

Construction

Handle earth material containing lead under all applicable laws, rules, and regulations, including those of the following agencies:

1. Cal/OSHA
2. CA Regional Water Quality Control Board, Region 4 – Los Angeles
3. CA Department of Toxic Substances Control

If earth material is disposed of:

1. Dispose of under Section 7-1.13, "Disposal of Material Outside the Highway Right of Way," of the Standard Specifications
2. Disclose the lead concentration of the earth material to the receiving property owner when obtaining authorization for disposal on the property
3. Obtain the receiving property owner's acknowledgment of lead concentration disclosure in the written authorization for disposal
4. You are responsible for any additional sampling and analysis required by the receiving property owner

If you choose to dispose of earth material at a commercial landfill:

1. Transport it to a Class III or Class II landfill appropriately permitted to receive the material
2. You are responsible for identifying the appropriately permitted landfill to receive the earth material and for all associated trucking and disposal costs including any additional sampling and analysis required by the receiving landfill.

Measurement and Payment

Full compensation for handling earth material containing lead is included in the contract price paid per cubic yard for structural excavation (retaining wall) and no additional compensation will be allowed therefor.

5-1.18 NONHIGHWAY FACILITIES (INCLUDING UTILITIES)

The utility owner will relocate a utility shown in the following table before the corresponding date shown:

Utility Relocation and Date of the Relocation

Utility	Location	Date
16" steel water line (SWS) in 24" casing, casing will be extended (north side)	Crossing freeway at station 1795±, U-3 (East of Willow Ave, North of Route 10)	February 15, 2014
8" AC water line (SWS) in 14" steel casing, casing will be extended (south side)	Crossing freeway at station 1818±, U-5 (off-ramp at West Covina Parkway, Route 10 eastbound)	March 15, 2014
12" AC water line (SWS) in 18" steel casing to be abandoned.	Crossing EB off ramp to West Covina Parkway, Station 1818± to 1822±, U-5	March 15, 2014
30" steel water line (SWS)	On Azusa Ave, under Rte 10, station 1926+48, U-13	April 15, 2014
8" AC water line (SWS) to be relocated	Along South Garvey Ave from station 1839± to station 1845±, U-6, U-7	April 15, 2014
8 5/8" high pressure gas line (SCG) in 12" to be abandoned	Crossing freeway at station 1825±, U-6	April 15, 2014
8 5/8" high pressure gas line (SCG) in 12" to be relocated	8 5/8 inches in 12 inches High pressure gas line (SCG) along South Garvey Ave from station 1828± to station 1867±, (U-6, U-7, U-8, U-9) to be relocated to North Garvey Ave, from station 1828± to station 1835± and along north of Yaleton Ave (U-6)	April 15, 2014
12" high pressure gas line (SCG) in 24" casing (SCG) to be installed	Crossing freeway at station 1868±, U-9	May 15, 2014
8 5/8" high pressure gas line in 12" casing (SCG) to be abandoned	Crossing freeway at station 1868±, U-9	May 15, 2014
6" main gas line (SCG) to be abandoned	Crossing freeway at station 1937±, U-14	December 1, 2013
2" M gas line (SCG) to be installed	Corner of West Covina Parkway/South Garvey Ave, station 1822± to 1829+40±, U-5, U-6	January 28, 2014
Guy Pole 1969100E (VERIZON)	On north Garvey Ave, Route 5 station 1783+50 U-2	November 15, 2013
Tensioning Anchor to Pole 1186325E (VERIZON)	On Westbound off ramp to N. Azusa Ave (U-13)	August 28, 2014
2-2" 12 kv (SCE)	On south Garvey Ave, Route 5 station 1829+00 to station 1838+70 (U-5, U-6)	August 28, 2014
Power Pole 1842346E (SCE)	On Westbound off ramp to N. Vincent Ave, (U-9)	August 28, 2014
Tensioning Anchor to Pole 1186325E (SCE)	On Westbound off ramp to N. Azusa Ave (U-13)	August 28, 2014
Pole #1165386E (SCE)	Westbound on-ramp to Route 10 from Azusa Ave (U-13)	August 28, 2014
Overhead Telecom Line (TIME WARNER TELECOM)	Westbound on-ramp to Route 10 from Azusa Ave (U-13)	August 28, 2014

Installation of the utilities shown in the following table requires coordination with your activities. Make the necessary arrangements with the utility company through the Engineer and submit a schedule:

1. Verified by a representative of the utility company
2. Allowing at least the time shown for the utility owner to complete its work

Utility Relocation and Contractor-Arranged Time for the Relocation

Utility	Utility Address	Location	Days
3 streetlights (SCE) to be relocated 2 Manhole (SCE) to be adjusted to grade	Garrett Medina Service Planner (City of Baldwin Park region) 1440 South California Ave. Monrovia, CA, 91016 Cell (626)-422-3596 Office (626)-303-8431	Along Puente Ave undercrossing, station 1761±50, U-1 Along Puente Ave north of Route 10, station 1763±, U-1	45 45
2 streetlights (SCE) to be relocated	Eddie L. Gaddison Planner (City of West Covina region) Metro East Region Covina Service Center 800 W. Cienega Avenue San Dimas, CA 91773 Office (909) 592-3705 Fax (909) 592-3727	Along West Covina Parkway (Pacific Ave), station 1820±40, U-5	45
6-4 1/4" ACD (VERIZON),	Amin Abouelhouda OSP Lead Engineer 1400 E. Phillips Blvd. Bldg A Pomona, CA 91766 Office (909) 469-6369 Fax (909) 620-6256	crossing freeway at station 1772+37, through Merced Ave, (Sheet U-1,U-2)	12
13-4 1/4 " ACD (VERIZON)	Amin Abouelhouda OSP Lead Engineer 1400 E. Phillips Blvd. Bldg A Pomona, CA 91766 Office (909) 469-6369 Fax (909) 620-6256	EB off ramp to N. Orange Ave (U-5)	12

12-4" ABS (VERIZON) Eastbound Side	Amin Abouelhouda OSP Lead Engineer 1400 E. Phillips Blvd. Bldg A Pomona, CA 91766 Office (909) 469-6369 Fax (909) 620-6256	Crossing Route 10 at station 1884±, west of Lark Ellen Ave (Sheet U-11) Eastbound Side	12
12-4" ABS (VERIZON) Westbound Side	Amin Abouelhouda OSP Lead Engineer 1400 E. Phillips Blvd. Bldg A Pomona, CA 91766 Office (909) 469-6369 Fax (909) 620-6256	Crossing Route 10 at station 1884±, west of Lark Ellen Ave (Sheet U-11) Westbound Side	12
MH 257M & MH 264M (VERIZON)	Amin Abouelhouda OSP Lead Engineer 1400 E. Phillips Blvd. Bldg A Pomona, CA 91766 Office (909) 469-6369 Fax (909) 620-6256	On Lake Drive, adjacent to Vincent Ave EB On Ramp. (Sheet U-17)	60

The utilities shown in the following table may interfere with pile driving, drilling activities, or subsurface construction, but the utility owner will not rearrange them. If you want any of them rearranged or temporarily deactivated, make arrangements with the utility owner.

Utilities Not Rearranged for Pile Driving, Drilling Activities, or Subsurface Construction

Utility	Location
8" steel water line (Valley County Water District)	Crossing freeway at station 1774+20±, U-2
6-4 1/2" asbestos conduit duct (Verizon)	Crossing freeway at station 1772+37±, U-2
3 overhead wire (12 kv) (SCE)	Crossing freeway at station 1790+24±, U-3
22" NRCP sewer line (LACSD)	Crossing freeway at station 1790+40±, U-3
15" VCP sewer line (City of West Covina)	Crossing freeway at station 1791+20±, U-3
16" steel in 24" casing (SWS)	Crossing freeway at station 1795±, U-3
8" AC water line in 14" steel casting (SWS)	Crossing freeway at station 1801+40±, U-4
12-4 1/2" asbestos conduit duct (Verizon)	Crossing freeway at station 1817+39±, U-5
8" AC water line in 14" steel casing (SWS)	Crossing freeway at station 1818±, U-5
8 5/8" H gas line in 12" csg (SCG) To be abandoned by others	Crossing freeway at station 1828+37±, U-6
3-4" underground power line (69kv), (SCE)	Crossing freeway at station 1842+50±, U-7
30" RCP sewer line with casing (LACSD)	Crossing freeway at station 1842+40±, U-7
8 5/8" H gas line in 12" csg (SCG) To be abandoned by others	Crossing freeway at station 1867+80±, U-9
3-5" underground power line (69kv), (SCE)	Along Vincent Ave, U-9
12" H gas line (SCG) To be installed by others	Along Vincent Ave, U-9
Overhead power lines (66 kv) (SCE)	Crossing freeway at station 1870+04±, U-9
12" AC water line (SWS)	Crossing freeway at station 1924+20±, U-13
12-4" ABS in 30" steel casing (Verizon)	Crossing freeway at station 1894+40±, U-11
12" AC water line in 18" steel casing (SWS)	Crossing freeway at station 1924±, U-13
16" steel casing water line (SWS)	Crossing freeway at station 1961+60±, U-15

ARCHITECTURAL SURFACE (TEXTURED CONCRETE)

General

Summary

This work includes constructing architectural textures for concrete surfaces.
Architectural form lined textures must comply with Section 51, "Concrete Structures," of the Standard Specifications.
Architectural textures listed below are required at concrete surfaces shown on the plans:

1. Fractured rib texture
2. Heavy sandblast texture
3. Light sandblast texture
4. Basket weave texture

The fractured rib texture must be an architectural texture simulating the appearance of straight ribs of concrete with a fractured concrete texture imparted to the raised surface between the ribs. Grooves between ribs must be continuous with no apparent curves or discontinuities. Variation of the groove from straightness must not exceed 1/4 inch for each 10 feet of groove. The architectural texture must have random shadow patterns. Broken concrete at adjoining ribs and groups of ribs must have a random pattern. The architectural texture must not have secondary patterns imparted by shadows or repetitive fractured surfaces.

The architectural textures must be formed reliefs constructed to the dimensions and shapes shown on the plans. Corners at the intersection of plane surfaces must be sharp and crisp without easing or rounding. A Class 1 surface finish must be applied to the architectural texture.

Quality Control and Assurance

Test Panel

Test panels for concrete textures shall be at least 4' x 4' in size. The test panels are not substitutes for the mock-up panels. The test panels shall be constructed with the same materials, tools, equipment and methods used in constructing the architectural textures on the site.

The Contractor shall construct one additional test panel for each texture to demonstrate the method of repairing defects in the texture. After the test panel has been approved by the Engineer, the surface shall be damaged to impose a defect. The defected panel shall be photographed and an electronic copy shall be provided to the Engineer. The defected panel shall then be repaired to an acceptable condition in the opinion of the Engineer. The approved repaired panel shall be retained and used along with the full size mock-up panels as the standard of comparison in determining acceptability of repaired surfaces as specified in "Mock-Up Panel" of these special provisions.

If ordered by the Engineer, additional test panels shall be constructed until the specified form, shape and finish texture are accepted by the Engineer.

The test panels approved by the Engineer shall be used as the standard of comparison in determining acceptability of architectural textures for concrete surfaces and shall be supported in a vertical position at the construction site for viewing.

Mock-Up Panel

Mock-up panels shall be constructed after the approval of test panels.

Mock-up panels shall be full size to the limits, including the various textures shown on the plans and shall be successfully constructed before beginning the work on architectural texture, at a location approved by the Engineer. The Contractor's personnel responsible for constructing the mock-up panels shall be the same personnel to construct the concrete texture. The mock-up panels shall be constructed with the same materials, tools, equipment and methods to be used in constructing the concrete texture in the actual 3 dimensional configuration of the construction. The mock-up panels shall include all the form liner edge condition to be encountered in the final construction. This shall include the interface edge between the form finish transverse and longitudinal form liner panel edges, the form finish texture edges, and expansion joint conditions and weakened plane joint conditions. There shall be no visible edge variations.

If ordered by the Engineer, additional mock-up panels shall be constructed and finished until the specified form, shape, finish and texture are accepted by the Engineer in writing.

The mock-up panels approved by the Engineer shall be used along with the approved repaired test panel as the standards of comparison in determining defects that are allowed to be repaired, the acceptability of the repair method, and the acceptability of concrete form, shape, and texture. Defects that cannot be repaired, in the opinion of the Engineer, shall be replaced.

Mock-up panels shall be successfully completed for Retaining Wall, Sound Wall and Barrier rail at the location approved by the Engineer to the specified size shown on the plans.

The final approved mock-up panels shall be used as the standard of comparison in determining acceptability of architectural surface treatment for concrete surfaces. As ordered by the Engineer, the Contractor shall remove and dispose of the mock-up panels and sections and return the site to its original condition.

MATERIALS

Not Used

CONSTRUCTION

Form Liners

Form liners must be used for textured concrete surfaces and must be installed in conformance with the manufacturer's recommendations, unless other methods of forming textured concrete surfaces are approved by the Engineer. Form liners must be manufactured from an elastomeric material by a manufacturer of commercially available concrete form liners. Form liners must leave crisp, sharp definition of the architectural surface. Recurring textural configurations exhibited by repeating, recognizable shadow patterns must be prevented by proper casting of form liner patterns. Textured concrete surfaces with such recurring textural configurations must be reworked to remove such patterns as approved by the Engineer or the concrete must be replaced.

Form liners must have the following properties:

Property	Test	Requirement
Shore A hardness	ASTM D 2240	50–90
Tensile strength	ASTM D 412	1,000 psi min

Cuts and tears in form liners must be sealed and repaired in conformance with the manufacturer's recommendations. Form liners that are delaminated from the form must not be used. Form liners with deformations to the manufactured surface caused by improper storage practices or any other reason must not be used.

Form liners must extend the full length of texturing with transverse joints at 8 foot minimum spacing. Small pieces of form liners must not be used. Grooves must be aligned straight and true. Grooves must match at joints between form liners. Joints in the direction of grooves in grooved patterns must be located only in the depressed portion of the textured concrete. Adjoining liners must be butted together without distortion, open cracks, or offsets at the joints. Joints between liners must be cleaned before each use to remove any mortar in the joint.

Adhesives must be compatible with the form liner material and with concrete. Adhesives must be approved by the liner manufacturer. Adhesives must not cause swelling of the liner material.

Releasing Form Liners

Products and application procedures for form release agents must be approved by the form liner manufacturer. Release agents must not cause swelling of the liner material or delamination from the forms. Release agents must not stain the concrete or react with the liner material. For reliefs simulating fractured concrete or wood grain surfaces the application method must include the scrubbing method using a natural bristle scrub brush in the direction of grooves or grain The release agent must coat the liner with a thin film. Following application of form release agent, the liner surfaces must be cleaned of excess amounts of agent using compressed air. Buildup of form release agent caused by the reuse of a liner must be removed at least every 5 uses.

Form liners must release without leaving particles or pieces of liner material on the concrete and without pulling or breaking concrete from the textured surface. The concrete surfaces exposed by removing forms must be protected from damage.

Abrasive Blasting

Curing

Concrete surfaces with architectural texture must be cured only by the forms-in-place or water methods. Seals and curing compounds must not be used.

MEASUREMENT AND PAYMENT

Architectural texture will be measured and paid for by the square foot.

The contract price paid per square foot for architectural texture of the West Covina Sound Wall No. 1770includes full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in architectural texture, complete in place, including test panels, mock-up panels as shown on the plans, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer.

Full compensation for architectural texture is included in the contract price paid per linear foot for concrete barrier of the types listed in the Engineer's Estimate, and per cubic yard for structural concrete, retaining wall, and no separate payment will be made therefor.

REMOVE CONCRETE

Concrete, where shown on the plans to be removed, shall be removed.

The pay quantities of concrete to be removed will be measured by the cubic yard, measured before and during removal operations.

Remove concrete sidewalk will be measured and paid for by the square yard.

Removing masonry walls, retaining walls, concrete curb and gutter, concrete railing, and concrete barrier will be measured by the linear foot, measured along the curb and gutter or barrier before removal operations.

Concrete removed shall be disposed of outside the highway right of way in conformance with the provisions in Section 7-1.13, "Disposal of Material Outside the Highway Right of Way," of the Standard Specifications.

SALVAGE WEST COVINA CIVIC CENTER SIGNS

Existing West Covina Civic Center signs, where shown on the plans to be salvaged, shall be removed, salvaged and delivered to the City of West Covina yard.

Salvaging West Covina Civic Center signs shall consist of removing salvaging and delivering frames, hardware, sign panels, and sign lighting electrical equipment.

Concrete foundations may be abandoned in place, except that the top portion, including anchor bolts, reinforcing steel, and conduits shall be removed to a depth of not less than 1.5 feet below the adjacent finished grade. The resulting holes shall be backfilled and compacted with material equivalent to the surrounding material.

Electrical wiring shall be removed to the nearest pull box. Fuses within spliced connections in the pull box shall be removed and disposed of.

The removed West Covina Civic Center signs shall be salvaged and delivered to the City of West Covina Yard. Contact information and yard address:

Name: Ken Jenkins or Corina Aquilar
Address: 825 S. Sunset Ave, West Covina, CA 91790, Tel. (626) 939-8458

Salvaging West Covina Civic Center signs is paid for as extra work as specified in Section 4-1.03D, "Extra Work." of the Standard Specifications.

WEST COVINA CIVIC CENTER SIGNS

West Covina Civic Center signs shall be constructed at the locations shown on the plans or where designated by the Engineer and in conformance with the notes shown in the plans. West Covina Civic Center signs include two sign panels for each sign location and letters for each sign panel, for a total of four sign panels.

The contract unit price paid for West Covina Civic Center sign shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in furnishing and installing West Covina Civic Center sign complete in place, including electrical connections for sign illumination lightings, as shown on the plans and as directed by the Engineer.

PREPARE AND PAINT CONCRETE SURFACES

This work shall consist of preparing and painting concrete surfaces, where shown on the plans, and in conformance with these special provisions.

Materials

The paint shall be a light-stable, alkali-resistant, acrylic latex or acrylic latex copolymer emulsion, commercially manufactured for use as an exterior concrete coating. The paint shall conform to the provisions in Section 91-4.05, "Paint: Acrylic Emulsion, Exterior White and Light and Medium Tints," of the Standard Specifications.

The paint shall be formulated and applied so that the color of the coated concrete matches Federal Standard 595B numbers as shown on the plans.

The Contractor shall submit to the Engineer, not less than 7 days before initial application of the concrete coating, a copy of the manufacturer's recommendations and written application instructions.

Mock-up Panel

A mock-up panel as shown on the plans shall be successfully completed at a location approved by the Engineer before beginning work on painting concrete. The mock-up panel shall be constructed, finished, and painted with the materials, tools, equipment, personnel, and methods to be used in constructing, finishing, and painting the concrete surfaces. If ordered by the Engineer, additional mock-up panels shall be constructed and finished until the specified finish, texture, and color are obtained, as determined by the Engineer.

The mock-up panel approved by the Engineer shall be used as the standard for comparison in determining acceptability of painting for concrete surfaces.

The Contractor shall submit to the Engineer, not less than 7 days before initial application of the concrete coating to the mock-up panel, a copy of the manufacturer's recommendations and written application instructions.

Surface Preparation

New concrete surfaces to be painted shall be at least 28 days old before painting.

Concrete surfaces to be painted shall be prepared in conformance with the requirements of SSPC-SP 13/NACE No. 6, "Surface Preparation of Concrete," of the "SSPC: The Society of Protective Coatings." After concrete surface preparation is complete, the Contractor shall clean all concrete surfaces to be painted by pressure rinsing as defined in Section 59-1.03, "Application," of the Standard Specifications.

Painting Concrete

The coating shall be applied per the manufacturer's recommendations and in conformance with the requirements of SSPC-PA 7, "Applying Thin Film Coatings to Concrete," of the "SSPC: The Society of Protective Coatings."

Any damaged areas shall be repaired in the same manner as the original surface preparation and paint application.

Measurement and Payment

Concrete surfaces to be prepared and painted will be measured by the square foot. Measurement will be determined along the surface of the actual areas painted.

The contract price paid per square foot for prepare and paint concrete shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in preparing of and applying paint to concrete surfaces, complete in place, including construction of mock-up panels and repairing damaged areas, as shown on the plans, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer.

ANTI-GRAFFITI COATING

This work includes applying anti-graffiti coating to concrete surfaces.

Comply with Section 59-6, "Painting Concrete," of the Standard Specifications.

Submit manufacturer's application and removal instructions 7 days before starting work.

MATERIALS

Anti-graffiti coating must:

1. Be a nontoxic, sacrificial, nonflammable, water-based coating designed for protecting concrete from graffiti
2. Be compatible with the concrete surface treatment
3. Have a clear matte finish when dry
4. Be removable with a hot pressure washer

CONSTRUCTION

Test concrete surfaces for acceptance of coating under the manufacturer's recommendations before coating. Areas that resist accepting coating must be cleaned and retested.

Apply anti-graffiti coating under the manufacturer's recommendations in at least 2 even coats.

MEASUREMENT AND PAYMENT

The contract price paid per square foot for anti-graffiti coating includes full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in furnishing and applying anti-graffiti coating to concrete surfaces, complete in place, as shown on the plans, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer.

10-1.99A CRASH CUSHION (SCI-70GM Smart Cushion)

Crash cushion shall be furnished and installed as shown on the plans and in conformance with the provisions in the Standard Specifications and these special provisions.

Crash cushion shall be an SCI-70GM Smart Cushion as manufactured by SCI Products, Inc., and shall include the items detailed for crash cushion shown on the plans.

The successful bidder can obtain the crash cushion from the following distributor:

1. D&M Traffic Services, Inc., 845 Reed Street, Santa Clara, CA 95050, telephone (408) 436–1127, FAX (408) 436–1675

The price quoted by the manufacturer for SCI-70GM Smart Cushion, FOB Santa Clara, CA is $15,857.00, not including sales tax.

The above price will be firm for orders placed on or before December 12, 2014, provided delivery is accepted within 90 days after the order is placed.

The Contractor shall furnish the Engineer one copy of the manufacturer's plan and parts list.

The Contractor shall provide the Engineer with a Certificate of Compliance from the manufacturer in conformance with the provisions in Section 6-1.07, "Certificates of Compliance," of the Standard Specifications. The Certificate of Compliance shall certify that the crash cushion conforms to the contract plans and specifications, conforms to the prequalified design and material requirements, and was manufactured in conformance with the approved quality control program.

Crash cushion shall be installed in conformance with the manufacturer's installation instructions.

Crash cushion (SCI-70GM Smart Cushion) will be measured by the unit as determined from actual count in place in the completed work.

The contract unit price paid for crash cushion (SCI-70GM Smart Cushion) shall include full compensation for furnishing all labor, materials (including anchor bolts, nuts, washers, and marker panels), tools, equipment, and incidentals, and for doing all the work involved in furnishing and installing the SCI-70GM Smart Cushion type crash cushion, complete in place, including structure excavation, structure backfill, and disposing of surplus material, as shown on the plans, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer.

10-1.100A CRASH CUSHION (ALTERNATIVE)

Crash cushion (ALTERNATIVE) shall be furnished and installed as shown on the plans and in conformance with the provisions in the Standard Specifications and these special provisions.

Contract Item Description	Manufacturer's Product Description
Crash cushion (SCI-100 GM)	SCI-100GM Smart Cushion
Crash cushion (REACT 350)	REACT PN# 62-C-036
Crash cushion (COMPRESSOR)	COMPRESSOR Attenuator

The successful bidder can obtain from the following distributors the Type Compressor crash cushion manufactured by TrafFix Devices, at 160 Avenida La Pata, San Clemente, CA 92673:

1. Northern California: Traffic Safety Supply, telephone (925) 580–2013
2. Southern California: Main Street Materials, 27128A Paseo Espada, Suite 1524, San Juan Capistrano, CA 92675, telephone (888) 787–3387, FAX (949) 366–2052

The successful bidder can obtain from the following distributors the Type REACT 350 manufactured by Energy Absorption Systems, Inc. at 35 East Wacker Drive, Suite 1100, Chicago, IL 60601-2076:

1. Northern California: Traffic Control Service, Inc., 8585 Thys Court, Sacramento, CA 95828, telephone (916) 387–9733, FAX (916) 387–9734
2. Southern California: Traffic Control Service, Inc., 1818 E. Orangethorpe, Fullerton, CA 92831-5324, telephone (714) 526–9500, FAX (714) 526–9561

The successful bidder can obtain from the following distributor the Type SCI 100 GM crash cushion manufactured by SCI Products, Inc., 2500 Production Drive, St. Charles, IL 60174, Telephone (800) 327-4417:

1. D&M Traffic Services, Inc., 845 Reed Street, Santa Clara, CA 95050, telephone (408) 436–1127, FAX (408) 436–1675

Crash cushion shall be installed in conformance with the manufacturer's recommendations.

Concrete anchorage devices used for attaching the crash cushion to the base slab shall be limited to those which have been provided by the manufacturer.

The concrete anchor slab and backup block shall conform to the provisions in Section 51, "Concrete Structures," and Section 52, "Reinforcement," of the Standard Specifications and these special provisions.

The concrete anchor slab and backup block shall be constructed of concrete containing not less than 590 pounds of cementitious material per cubic yard.

The Contractor shall furnish the Engineer one copy of the manufacturer's plan and parts list for each model installed.

The Contractor shall provide the Engineer with a Certificate of Compliance from the manufacturer in conformance with the provisions in Section 6-1.07, "Certificates of Compliance," of the Standard Specifications. The Certificate of Compliance shall certify that crash cushion conforms with the contract plans and specifications, and conforms to the prequalified design and material requirements.

Crash cushion will be measured by the unit as determined from actual count in place in the completed work.

COST BREAK-DOWN

The Contractor shall furnish the Engineer a cost break-down for the contract lump sum items of highway planting and irrigation system. Cost break-down tables shall be submitted to the Engineer for approval within 15 working days after the contract has been approved. Cost break-down tables will be approved, in writing, by the Engineer before any partial payment will be made for the applicable items of highway planting and irrigation system involved.

Attention is directed to "Time-Related Overhead" of these special provisions regarding compensation for time-related overhead.

Cost break-downs shall be completed and furnished in the format shown in the samples of the cost break-downs included in this section. Line item descriptions of work shown in the samples are the minimum to be submitted. Additional line item descriptions of work may be designated by the Contractor. If the Contractor elects to designate additional line item descriptions of work, the quantity, value and amount for those line items shall be completed in the same manner as for the unit descriptions shown in the samples. The line items and quantities given in the samples are to show the manner of preparing the cost break-downs to be furnished by the Contractor.

The Contractor shall determine the quantities required to complete the work shown on the plans. The quantities and their values shall be included in the cost break-downs submitted to the Engineer for approval. The Contractor shall be responsible for the accuracy of the quantities and values used in the cost break-downs submitted for approval.

The sum of the amounts for the line items of work listed in each cost break-down table for highway planting and for irrigation system work shall be equal to the contract lump sum price bid for Highway Planting and Irrigation System, respectively. Overhead and profit, except for time-related overhead, shall be included in each individual line item of work listed in a cost break-down table.

No adjustment in compensation will be made in the contract lump sum prices paid for highway planting and irrigation system due to differences between the quantities shown in the cost break-downs furnished by the Contractor and the quantities required to complete the work as shown on the plans and as specified in these special provisions.

Individual line item values in the approved cost break-down tables will be used to determine partial payments during the progress of the work and as the basis for calculating an adjustment in compensation for the contract lump sum items of highway planting and irrigation system due to changes in line items of work ordered by the Engineer. When the total of ordered changes to line items of work increases or decreases the lump sum price bid for either Highway Planting or Irrigation System by more than 25 percent, the adjustment in compensation for the applicable lump sum item will be determined in the same manner specified for increases and decreases in the total pay quantity of an item of work in Section 4-1.03B, "Increased or Decreased Quantities," of the Standard Specifications.

IRRIGATION SYSTEM COST BREAK-DOWN

Contract No. 07-1170U4

UNIT DESCRIPTION	UNIT	APPROXIMATE QUANTITY	VALUE	AMOUNT
1" BACKFLOW PREVENTER ASSEMBLY	EA	4		
1-1/2" BACKFLOW PREVENTER ASSEMBLY	EA	1		
2" BACKFLOW PREVENTER ASSEMBLY	EA	14		
BACKFLOW PREVENTER ASSEMBLY ENCLOSURES	EA	19		
CONTROL AND NEUTRAL CONDUCTORS	LS	LUMP SUM		
1" ELECTRICAL REMOTE CONTROL VALVE	EA	62		
1-1/2" ELECTRICAL REMOTE CONTROL VALVE	EA	45		
2" ELECTRICAL REMOTE CONTROL VALVE	EA	18		
12 STATION IRRIGATION CONTROLLER	EA	2		
24 STATION IRRIGATION CONTROLLER	EA	5		
6 STATION IRRIGATION CONTROLLER (SOLAR) WITH	EA	3		
4 STATION IRRIGATION CONTROLLER (SOLAR)	EA	7		
3/4" PLASTIC PIPE (PR 200) (SUPPLY LINE)	LF	33,867		
1" PLASTIC PIPE (PR 200) (SUPPLY LINE)	LF	11,020		
1 1/4" PLASTIC PIPE (PR 200) (SUPPLY LINE)	LF	7,958		
1 1/2" PLASTIC PIPE (PR 200) (SUPPLY LINE)	LF	6,423		
2" PLASTIC PIPE (PR 200) (SUPPLY LINE)	LF	18,719		
2" GALVANIZED STEEL PIPE	LF	285		
2 1/2" GALVANIZED STEEL PIPE	LF	175		

HIGHWAY PLANTING COST BREAK-DOWN

Contract No. 07-1170U4

UNIT DESCRIPTION	UNIT	APPROXIMATE QUANTITY	VALUE	AMOUNT
MULCH	CY	2833		
PLANT (GROUP A)	EA	8457		
PLANT (GROUP B)	EA	1392		
PLANT (GROUP F)	EA	7552		
PLANT (GROUP H)	EA	135,545		
PLANT (GROUP U)	EA	400		
COMMERCIAL FERTILIZER (SLOW RELEASE)	LB	2022		
ROADSIDE CLEARING	LS	LUMP SUM		

TOTAL _____

SPRINKLER (TYPE C-2)	EA	4533		
SPRINKLER (TYPE A-5)	EA	372		
SPRINKLER (TYPE A-7)	EA	104		
SPRINKLER (TYPE B-1)	EA	185		
SPRINKLER (TYPE B-2)	EA	163		
2" GATE VALVE	EA	28		
2" BALL VALVE	EA	39		
IRRIGATION CONTROLLER ENCLOSURE CABINET (SINGLE)	EA	7		
REMOTE CONTROL VALVE ACTUATOR SYSTEM	EA	2		
IRRIGATION SYSTEMS FUNCTIONAL TEST	LS	LUMP SUM		
TESTING NEW BACKFLOW PREVENTERS	LS	LUMP SUM		
REMOVE EXISTING IRRIGATION FACILITIES	LS	LUMP SUM		

TOTAL _____

BID ITEM LIST
07-1170U4

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
1	070030	LEAD COMPLIANCE PLAN	LS	LUMP SUM	LUMP SUM	
2	080050	PROGRESS SCHEDULE (CRITICAL PATH METHOD)	LS	LUMP SUM	LUMP SUM	
3	090100	TIME-RELATED OVERHEAD (WDAY)	WDAY	960		
4	120090	CONSTRUCTION AREA SIGNS	LS	LUMP SUM	LUMP SUM	
5	120100	TRAFFIC CONTROL SYSTEM	LS	LUMP SUM	LUMP SUM	
6	026155	TYPE I BARRICADE	EA	52		
7	120116	TYPE II BARRICADE	EA	9		
8	120120	TYPE III BARRICADE	EA	210		
9	120165	CHANNELIZER (SURFACE MOUNTED)	EA	1,431		
10	121161	TEMPORARY TERMINAL SECTION (TYPE K)	EA	2		
11	129000	TEMPORARY RAILING (TYPE K)	LF	164,000		
12	129100	TEMPORARY CRASH CUSHION MODULE	EA	1,135		
13	130100	JOB SITE MANAGEMENT	LS	LUMP SUM	LUMP SUM	
14	130300	PREPARE STORM WATER POLLUTION PREVENTIONPLAN	LS	LUMP SUM	LUMP SUM	
15	130310	RAIN EVENT ACTION PLAN	EA	110	500.00	55,000.00
16	130320	STORM WATER SAMPLING AND ANALYSIS DAY	EA	54		
17	130330	STORM WATER ANNUAL REPORT	EA	4	2,000.00	8,000.00
18	130505	MOVE-IN/MOVE-OUT (TEMPORARY EROSION CONTROL)	EA	25		
19	130520	TEMPORARY HYDRAULIC MULCH	SQYD	630,000		
20	130570	TEMPORARY COVER	SQYD	31,500		

REVISED PER ADDENDUM NO. 3 DATED DECEMBER 3, 2013

BID ITEM LIST
07-1170U4

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
21	130620	TEMPORARY DRAINAGE INLET PROTECTION	EA	210		
22	130640	TEMPORARY FIBER ROLL	LF	284,000		
23	130650	TEMPORARY GRAVEL BAG BERM	LF	18,000		
24	130680	TEMPORARY SILT FENCE	LF	104,000		
25	130710	TEMPORARY CONSTRUCTION ENTRANCE	EA	80		
26	130730	STREET SWEEPING	LS	LUMP SUM	LUMP SUM	
27	130900	TEMPORARY CONCRETE WASHOUT	LS	LUMP SUM	LUMP SUM	
28	141101	REMOVE YELLOW PAINTED TRAFFIC STRIPE (HAZARDOUS WASTE)	LF	15,300		
29	141103	REMOVE YELLOW THERMOPLASTIC TRAFFIC STRIPE (HAZARDOUS WASTE)	LF	70,600		
30	141109	ADL BURIAL LOCATION REPORT	LS	LUMP SUM	LUMP SUM	
31	141120	TREATED WOOD WASTE	LB	207,000		
32	148005	NOISE MONITORING	LS	LUMP SUM	LUMP SUM	
33	150202	CORE AND PRESSURE GROUT DOWEL	LF	1,160		
34	150221	ABANDON INLET	EA	15		
35	150224	ABANDON MANHOLE	EA	4		
36	150227	ABANDON PIPELINE	LF	1,300		
37	026156	ABANDON SEWER PIPE	LF	290		
38	150608	REMOVE CHAIN LINK FENCE	LF	12,500		
39	026157	REMOVE BUS SHELTER	EA	4		
40	150711	REMOVE PAINTED TRAFFIC STRIPE	LF	242,000		

BID ITEM LIST
07-1170U4

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
41	026158	REMOVE PAVEMENT MARKING	SQFT	1,040		
42	150714	REMOVE THERMOPLASTIC TRAFFIC STRIPE	LF	69,800		
43	150722	REMOVE PAVEMENT MARKER	EA	270,000		
44	150742	REMOVE ROADSIDE SIGN	EA	181		
45	150757	REMOVE SIGN STRUCTURE (EA)	EA	25		
46	150768	REMOVE ASPHALT CONCRETE PAVEMENT (CY)	CY	30		
47	150771	REMOVE ASPHALT CONCRETE DIKE	LF	18,700		
48	150812	REMOVE PIPE (LF)	LF	2,280		
49 (F)	150819	REMOVE REINFORCED CONCRETE BOX CULVERT (LS)	LS	LUMP SUM	LUMP SUM	
50	150820	REMOVE INLET	EA	38		
51	150824	REMOVE SEWER MANHOLE	EA	6		
52	150833	REMOVE RETAINING WALL (LF)	LF	6,390		
53	026159	REMOVE MASONRY WALL	LF	7,650		
54	150841	REMOVE SEWER PIPE	LF	1,190		
55 (F)	150870	REMOVE CONCRETE DECK SURFACE	SQFT	137		
56	151270	SALVAGE METAL BRIDGE RAILING	LF	130		
57	151272	SALVAGE METAL BEAM GUARD RAILING	LF	6,010		
58	152430	ADJUST INLET	EA	21		
59	152610	MODIFY MANHOLE	EA	2		
60	153121	REMOVE CONCRETE (CY)	CY	96		

BID ITEM LIST
07-1170U4

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
61	153130	REMOVE CONCRETE CURB (LF)	LF	350		
62	153140	REMOVE CONCRETE SIDEWALK (SQYD)	SQYD	3,270		
63	153142	REMOVE CONCRETE ISLAND (PORTIONS) (CY)	CY	300		
64	153215	REMOVE CONCRETE (CURB AND GUTTER)	LF	36,600		
65	153221	REMOVE CONCRETE BARRIER	LF	24,800		
66	153225	PREPARE CONCRETE BRIDGE DECK SURFACE	SQFT	116,822		
67	153226	REFINISH BRIDGE DECK	SQFT	217		
68	153227	FURNISH POLYESTER CONCRETE OVERLAY	CF	82		
69 (F)	153228	PLACE POLYESTER CONCRETE OVERLAY	SQFT	1,298		
70 (F)	153233	TREAT BRIDGE DECK	SQFT	115,524		
71 (F)	153234	FURNISH BRIDGE DECK TREATMENT MATERIAL	GAL	1,286		
72	026160	REMOVE ROCK BLANKET	SQYD	1,230		
73	155003	CAP INLET	EA	41		
74	155232	SAND BACKFILL	CY	96		
75	157561	BRIDGE REMOVAL (PORTION), LOCATION A	LS	LUMP SUM	LUMP SUM	
76	157562	BRIDGE REMOVAL (PORTION), LOCATION B	LS	LUMP SUM	LUMP SUM	
77	157563	BRIDGE REMOVAL (PORTION), LOCATION C	LS	LUMP SUM	LUMP SUM	
78	157564	BRIDGE REMOVAL (PORTION), LOCATION D	LS	LUMP SUM	LUMP SUM	
79	157565	BRIDGE REMOVAL (PORTION), LOCATION E	LS	LUMP SUM	LUMP SUM	
80	157566	BRIDGE REMOVAL (PORTION), LOCATION F	LS	LUMP SUM	LUMP SUM	

REPLACED PER ADDENDUM NO. 3 DATED DECEMBER 3, 2013

BID ITEM LIST
07-1170U4

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
81	157567	BRIDGE REMOVAL (PORTION), LOCATION G	LS	LUMP SUM	LUMP SUM	
82	157568	BRIDGE REMOVAL (PORTION), LOCATION H	LS	LUMP SUM	LUMP SUM	
83	158100	SALVAGE CRASH CUSHION	EA	1		
84	160102	CLEARING AND GRUBBING (LS)	LS	LUMP SUM	LUMP SUM	
85	190101	ROADWAY EXCAVATION	CY	203,000		
86	190105	ROADWAY EXCAVATION (TYPE Z-2) (AERIALLY DEPOSITED LEAD)	CY	19,800		
87	190107	ROADWAY EXCAVATION (TYPE Y-1) (AERIALLY DEPOSITED LEAD)	CY	79,100		
88 (F)	192003	STRUCTURE EXCAVATION (BRIDGE)	CY	6,556		
89 (F)	192037	STRUCTURE EXCAVATION (RETAINING WALL)	CY	2,287		
90	192053	STRUCTURE EXCAVATION (TYPE Z-2) (AERIALLY DEPOSITED LEAD)	CY	3,230		
91	192057	STRUCTURE EXCAVATION (TYPE Y-1) (AERIALLY DEPOSITED LEAD)	CY	12,800		
92 (F)	026161	STRUCTURE EXCAVATION (AUSTIN VAULT)	CY	610		
93	026162	SAND BED (AUSTIN VAULT)	CY	44		
94 (F)	193003	STRUCTURE BACKFILL (BRIDGE)	CY	6,020		
95 (F)	193013	STRUCTURE BACKFILL (RETAINING WALL)	CY	541		
96	193031	PERVIOUS BACKFILL MATERIAL (RETAINING WALL)	CY	440		
97 (F)	026163	STRUCTURE BACKFILL (AUSTIN VAULT)	CY	194		
98	194001	DITCH EXCAVATION	CY	320		
99	200001	HIGHWAY PLANTING	LS	LUMP SUM	LUMP SUM	
100	200114	ROCK BLANKET	SQYD	740		

BID ITEM LIST
07-1170U4

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
101	204096	MAINTAIN EXISTING PLANTED AREAS	LS	LUMP SUM	LUMP SUM	
102	204099	PLANT ESTABLISHMENT WORK	LS	LUMP SUM	LUMP SUM	
103	208000	IRRIGATION SYSTEM	LS	LUMP SUM	LUMP SUM	
104 (F)	208028	3" SUPPLY LINE (BRIDGE)	LF	2,795		
105	208304	WATER METER	EA	13		
106	208310	IRRIGATION SLEEVE	LF	1,240		
107	208739	10" CORRUGATED HIGH DENSITY POLYETHYLENE PIPE CONDUIT	LF	1,130		
108	260303	CLASS 3 AGGREGATE BASE (CY)	CY	69,600		
109	026164	REPAIR UNDERLYING BASE	CY	320		
110	280000	LEAN CONCRETE BASE	CY	45,600		
111	280015	LEAN CONCRETE BASE RAPID SETTING	CY	900		
112	377501	SLURRY SEAL	TON	4		
113	390131	HOT MIX ASPHALT	TON	26,000		
114	393004	GEOSYNTHETIC PAVEMENT INTERLAYER (PAVING FABRIC)	SQFT	41,100		
115	394074	PLACE HOT MIX ASPHALT DIKE (TYPE C)	LF	1,210		
116	394075	PLACE HOT MIX ASPHALT DIKE (TYPE D)	LF	1,600		
117	394076	PLACE HOT MIX ASPHALT DIKE (TYPE E)	LF	1,210		
118	394077	PLACE HOT MIX ASPHALT DIKE (TYPE F)	LF	150		
119	394090	PLACE HOT MIX ASPHALT (MISCELLANEOUS AREA)	SQYD	16		
120	397005	TACK COAT	TON	22		

BID ITEM LIST
07-1170U4

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
121	401050	JOINTED PLAIN CONCRETE PAVEMENT	CY	70,800		
122	026165	JOINTED PLAIN CONCRETE PAVEMENT (RAPID STRENGTH CONCRETE)	CY	1,910		
123	404092	SEAL PAVEMENT JOINT	LF	233,000		
124	404093	SEAL ISOLATION JOINT	LF	38,700		
125	405034	CONCRETE PAVEMENT TRANSITION PANEL	CY	420		
126	413113	REPAIR SPALLED JOINTS, POLYESTER GROUT	SQYD	330		
127	480501	JACKING SUPERSTRUCTURE	LS	LUMP SUM	LUMP SUM	
128 (F)	490528	FURNISH STEEL PILING (HP 14 X 89)	LF	3,163		
129 (F)	490529	DRIVE STEEL PILE (HP 14 X 89)	EA	64		
130	044399	28" CAST-IN-DRILLED-HOLE CONCRETE PILING	LF	106		
131	490601	16" CAST-IN-DRILLED-HOLE CONCRETE PILING	LF	5,480		
132	490603	24" CAST-IN-DRILLED-HOLE CONCRETE PILING	LF	4,074		
133	490604	30" CAST-IN-DRILLED-HOLE CONCRETE PILING	LF	40		
134	498016	16" CAST-IN-DRILLED-HOLE CONCRETE PILING (SOUND WALL)	LF	64,300		
135	498022	24" CAST-IN-DRILLED-HOLE CONCRETE PILING (SOUND WALL)	LF	460		
136	498052	60" CAST-IN-DRILLED-HOLE CONCRETE PILE (SIGN FOUNDATION)	LF	840		
137	500001	PRESTRESSING CAST-IN-PLACE CONCRETE	LS	LUMP SUM	LUMP SUM	
138	500010	PRESTRESSING	LS	LUMP SUM	LUMP SUM	
139 (F)	510051	STRUCTURAL CONCRETE, BRIDGE FOOTING	CY	1,523		
140 (F)	510053	STRUCTURAL CONCRETE, BRIDGE	CY	3,175		

BID ITEM LIST
07-1170U4

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
141	510060	STRUCTURAL CONCRETE, RETAINING WALL	CY	6,730		
142 (F)	510081	AGGREGATE BASE (APPROACH SLAB)	CY	135		
143 (F)	510086	STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N)	CY	519		
144 (F)	510087	STRUCTURAL CONCRETE, APPROACH SLAB (TYPE R)	CY	1,330		
145 (F)	510090	STRUCTURAL CONCRETE, BOX CULVERT	CY	583		
146 (F)	026166	STRUCTURAL CONCRETE (AUSTIN VAULT)	CY	135		
147 (F)	510502	MINOR CONCRETE (MINOR STRUCTURE)	CY	394		
148	026167	MINOR CONCRETE (CONCRETE DRAIN)	CY	34		
149 (F)	510526	MINOR CONCRETE (BACKFILL)	CY	106		
150 (F)	510800	PAVING NOTCH EXTENSION	CF	862		
151 (F)	511106	DRILL AND BOND DOWEL	LF	3,267		
152 (F)	511110	DRILL AND BOND DOWEL (CHEMICAL ADHESIVE)	EA	222		
153	511118	CLEAN EXPANSION JOINT	LF	258		
154	044400	FURNISH PRECAST PRESTRESSED CONCRETE BOXGIRDER (20'-30')	EA	16		
155	512224	FURNISH PRECAST PRESTRESSED CONCRETE BOXGIRDER (70'-80')	EA	14		
156	512279	FURNISH PRECAST PRESTRESSED CONCRETE BULB-TEE GIRDER (100'-110')	EA	10		
157	512500	ERECT PRECAST PRESTRESSED CONCRETE GIRDER	EA	10		
158 (F)	512502	ERECT PRECAST PRESTRESSED CONCRETE BOX GIRDER	EA	30		
159	044401	REFINISH CONCRETE SURFACE	SQFT	784		
160	519081	JOINT SEAL (MR 1/2")	LF	362		

BID ITEM LIST
07-1170U4

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
161	519088	JOINT SEAL (MR 1")	LF	888		
162 (F)	519091	JOINT SEAL (MR 1 1/2")	LF	759		
163	519102	JOINT SEAL (TYPE AL)	LF	6		
164 (F)	520102	BAR REINFORCING STEEL (BRIDGE)	LB	1,048,950		
165 (F)	520103	BAR REINFORCING STEEL (RETAINING WALL)	LB	554,030		
166 (F)	026168	BAR REINFORCING STEEL (AUSTIN VAULT)	LB	31,519		
167 (F)	520107	BAR REINFORCING STEEL (BOX CULVERT)	LB	104,241		
168 (F)	520120	HEADED BAR REINFORCEMENT	EA	196		
169 (F)	550102	STRUCTURAL STEEL (BRIDGE)	LB	1,021		
170 (F)	550203	FURNISH STRUCTURAL STEEL (BRIDGE)	LB	187,000		
171 (F)	550204	ERECT STRUCTURAL STEEL (BRIDGE)	LB	187,000		
172 (F)	560218	FURNISH SIGN STRUCTURE (TRUSS)	LB	547,012		
173 (F)	560219	INSTALL SIGN STRUCTURE (TRUSS)	LB	547,012		
174	560233	FURNISH FORMED PANEL SIGN (OVERHEAD)	SQFT	5,380		
175	560248	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-UNFRAMED)	SQFT	1,690		
176	560249	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-UNFRAMED)	SQFT	1,910		
177	560251	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-FRAMED)	SQFT	300		
178	560252	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-FRAMED)	SQFT	380		
179	562002	METAL (BARRIER MOUNTED SIGN)	LB	8,520		
180	566011	ROADSIDE SIGN - ONE POST	EA	145		

BID ITEM LIST
07-1170U4

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
181	566012	ROADSIDE SIGN - TWO POST	EA	16		
182	568001	INSTALL SIGN (STRAP AND SADDLE BRACKET METHOD)	EA	34		
183 (F)	582001	SOUND WALL (MASONRY BLOCK)	SQFT	257,845		
184 (F)	590115	CLEAN AND PAINT STRUCTURAL STEEL	LS	LUMP SUM	LUMP SUM	
185	650014	18" REINFORCED CONCRETE PIPE	LF	4,450		
186	650018	24" REINFORCED CONCRETE PIPE	LF	12,100		
187	650022	30" REINFORCED CONCRETE PIPE	LF	270		
188	665017	18" CORRUGATED STEEL PIPE (.079" THICK)	LF	28		
189	665723	24" SLOTTED CORRUGATED STEEL PIPE (.079" THICK)	LF	1,080		
190	026169	6" PERFORATED PLASTIC PIPE UNDERDRAIN (AUSTIN VAULT)	LF	140		
191	026170	6" PLASTIC PIPE UNDERDRAIN (AUSTIN VAULT)	LF	67		
192	026171	8" PLASTIC PIPE	LF	74		
193	026172	PERMEABLE MATERIAL (AUSTIN VAULT)	CY	35		
194	026173	8" VITRIFIED CLAY PIPE	LF	820		
195	026174	10" VITRIFIED CLAY PIPE	LF	530		
196	721017	ROCK SLOPE PROTECTION (FACING, METHOD B) (CY)	CY	88		
197 (F)	721810	SLOPE PAVING (CONCRETE)	CY	175		
198	722020	GABION	CY	11		
199	026175	FILTER FABRIC (AUSTIN VAULT)	SQYD	110		
200	729011	ROCK SLOPE PROTECTION FABRIC (CLASS 8)	SQYD	220		

BID ITEM LIST
07-1170U4

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
201	026176	MINOR CONCRETE (CURB) (TYPE A1-6)	LF	56		
202	026177	MINOR CONCRETE (CURB) (TYPE A1-8)	LF	6,320		
203	026178	MINOR CONCRETE (CURB) (TYPE B4)	LF	420		
204	730045	MINOR CONCRETE (GUTTER) (CY)	CY	55		
205	026179	MINOR CONCRETE (CURB AND GUTTER) (TYPE A2-6)	LF	11,400		
206	026180	MINOR CONCRETE (CURB AND GUTTER) (TYPE A2-8)	LF	4,210		
207	026181	MINOR CONCRETE (CURB AND GUTTER) (TYPE B2-6)	LF	2,470		
208	731519	MINOR CONCRETE (STAMPED CONCRETE)	SQFT	74,400		
209	731521	MINOR CONCRETE (SIDEWALK)	CY	1,540		
210 (F)	750001	MISCELLANEOUS IRON AND STEEL	LB	99,966		
211	026182	SEWER MANHOLE	EA	9		
212 (F)	750010	MANHOLE FRAME AND COVER	EA	2		
213	026183	SEWER MANHOLE FRAME AND COVER	EA	9		
214 (F)	026184	MISCELLANEOUS METAL (AUSTIN VAULT)	LB	115		
215	800103	TEMPORARY FENCE (TYPE CL-6)	LF	27,300		
216	800360	CHAIN LINK FENCE (TYPE CL-6)	LF	360		
217	802501	4' CHAIN LINK GATE (TYPE CL-6)	EA	4		
218	026185	INSTALL MEDIAN MILEAGE PANEL	EA	40		
219	832070	VEGETATION CONTROL (MINOR CONCRETE)	SQYD	290		
220	026186	CHAIN LINK RAILING (MODIFIED)	LF	10,700		

BID ITEM LIST
07-1170U4

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
221 (F)	833033	CHAIN LINK RAILING (TYPE 7 MODIFIED)	LF	211		
222 (F)	839521	CABLE RAILING	LF	1,140		
223	839541	TRANSITION RAILING (TYPE WB)	EA	10		
224	839584	ALTERNATIVE IN-LINE TERMINAL SYSTEM	EA	9		
225	839585	ALTERNATIVE FLARED TERMINAL SYSTEM	EA	1		
226	BLANK					
227	839604	CRASH CUSHION (REACT 9CBB)	EA	2		
228	839605	CRASH CUSHION (REACT 9SCBS)	EA	1		
229	026187	CONCRETE BARRIER (TYPE 60P MODIFIED)	LF	400		
230	839701	CONCRETE BARRIER (TYPE 60)	LF	270		
231	026188	CONCRETE BARRIER (TYPE 60 MODIFIED)	LF	220		
232	839703	CONCRETE BARRIER (TYPE 60C)	LF	1,500		
233	839704	CONCRETE BARRIER (TYPE 60D)	LF	460		
234	839706	CONCRETE BARRIER (TYPE 60G)	LF	16,700		
235	839708	CONCRETE BARRIER (TYPE 60GC)	LF	1,810		
236 (F)	044402	CONCRETE BARRIER (TYPE 60GA MODIFIED)	LF	1,624		
237 (F)	839727	CONCRETE BARRIER (TYPE 736 MODIFIED)	LF	3,267		
238 (F)	044403	CONCRETE BARRIER (TYPE 736SV-C MODIFIED)	LF	237		
239 (F)	044404	CONCRETE BARRIER (TYPE 736B MODIFIED)	LF	9,424		
240 (F)	044405	CONCRETE BARRIER (TYPE 736A MODIFIED)	LF	7,016		

BID ITEM LIST
07-1170U4

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
241 (F)	026189	CONCRETE BARRIER (TYPE 736S)	LF	8,015		
242 (F)	839734	CONCRETE BARRIER (TYPE 736SV)	LF	17,983		
243 (F)	026190	CONCRETE BARRIER (TYPE 736SV MODIFIED)	LF	2,602		
244 (F)	026191	CONCRETE BARRIER (TYPE 736SV-S MODIFIED)	LF	645		
245 (F)	026192	CONCRETE BARRIER (TYPE 736SV-S1 MODIFIED)	LF	80		
246 (F)	026193	CONCRETE BARRIER (TYPE 736C MODIFIED)	LF	106		
247 (F)	026194	CONCRETE BARRIER (TYPE 736A-S MODIFIED)	LF	160		
248	840504	4" THERMOPLASTIC TRAFFIC STRIPE	LF	128,000		
249	840506	8" THERMOPLASTIC TRAFFIC STRIPE	LF	61,100		
250	840508	8" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 12-3)	LF	26,300		
251	840515	THERMOPLASTIC PAVEMENT MARKING	SQFT	12,100		
252	840521	4" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 6-1)	LF	620		
253	840525	4" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 36-12)	LF	127,000		
254	840526	4" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 17-7)	LF	27,100		
255	840550	8" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 36-12)	LF	5,200		
256	840655	PAINT TRAFFIC STRIPE (1-COAT)	LF	37,600		
257	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	622,000		
258	840665	PAINT PAVEMENT MARKING (1-COAT)	SQFT	1,500		
259	840666	PAINT PAVEMENT MARKING (2-COAT)	SQFT	11,900		
260	850101	PAVEMENT MARKER (NON-REFLECTIVE)	EA	34,800		

BID ITEM LIST
07-1170U4

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
261	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	21,000		
262	860090	MAINTAINING EXISTING TRAFFIC MANAGEMENT SYSTEM ELEMENTS DURING CONSTRUCTION	LS	LUMP SUM	LUMP SUM	
263	026195	CHANGEABLE MESSAGE SIGN (LOCATION 73)	LS	LUMP SUM	LUMP SUM	
264	026196	COMMUNICATION SYSTEM ROUTING	LS	LUMP SUM	LUMP SUM	
265	860775	SPRINKLER CONTROL CONDUIT (BRIDGE) (LS)	LS	LUMP SUM	LUMP SUM	
266	860797	ELECTRIC SERVICE (IRRIGATION)	LS	LUMP SUM	LUMP SUM	
267	026197	TEMPORARY MICROWAVE VEHICLE DETECTION SYSTEM	LS	LUMP SUM	LUMP SUM	
268	860889	MODIFY TRAFFIC MONITORING STATION	LS	LUMP SUM	LUMP SUM	
269	026198	CLOSED CIRCUIT TELEVISION CAMERA (LOC SB 338)	LS	LUMP SUM	LUMP SUM	
270	026199	CLOSED CIRCUIT TELEVISION CAMERA (LOC SB 341)	LS	LUMP SUM	LUMP SUM	
271	026200	CLOSED CIRCUIT TELEVISION CAMERA (LOC SB 349)	LS	LUMP SUM	LUMP SUM	
272	026201	CLOSED CIRCUIT TELEVISION CAMERA (LOC SB 376)	LS	LUMP SUM	LUMP SUM	
273	861088	MODIFY RAMP METERING SYSTEM	LS	LUMP SUM	LUMP SUM	
274	861497	MODIFY SIGNAL AND LIGHTING (LOCATION 1)	LS	LUMP SUM	LUMP SUM	
275	861498	MODIFY SIGNAL AND LIGHTING (LOCATION 2)	LS	LUMP SUM	LUMP SUM	
276	861499	MODIFY SIGNAL AND LIGHTING (LOCATION 3)	LS	LUMP SUM	LUMP SUM	
277	861500	MODIFY SIGNAL AND LIGHTING (LOCATION 4)	LS	LUMP SUM	LUMP SUM	
278	861504	MODIFY LIGHTING AND SIGN ILLUMINATION	LS	LUMP SUM	LUMP SUM	
279	861505	MODIFY SIGNAL AND LIGHTING (LOCATION 5)	LS	LUMP SUM	LUMP SUM	
280	026202	MODIFY SIGNAL AND LIGHTING (LOCATON 6)	LS	LUMP SUM	LUMP SUM	

BID ITEM LIST
07-1170U4

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
281	026203	MODIFY SIGNAL AND LIGHTING (LOCATION 7)	LS	LUMP SUM	LUMP SUM	
282	026204	MODIFY SIGNAL AND LIGHTING (LOCATION 8)	LS	LUMP SUM	LUMP SUM	
283	026205	MODIFY SIGNAL AND LIGHTING (LOCATION 9)	LS	LUMP SUM	LUMP SUM	
284	026206	MODIFY SIGNAL AND LIGHTING (LOCATION 10)	LS	LUMP SUM	LUMP SUM	
285	026207	MODIFY SOFFIT LIGHTING	LS	LUMP SUM	LUMP SUM	
286	869075	SYSTEM TESTING AND DOCUMENTATION	LS	LUMP SUM	LUMP SUM	
287	026208	WORK AT SAN GABRIEL VALLEY HUB BUILDING	LS	LUMP SUM	LUMP SUM	
288	026209	WORK AT LOS ANGELES REGIONAL TRANSPORTATION MANAGEMENT CENTER	LS	LUMP SUM	LUMP SUM	
289	044406	BUILDING WORK (PUENTE AVE PUMPING PLANT)	LS	LUMP SUM	LUMP SUM	
290	044407	BUILDING WORK (AZUSA AVE PUMPING PLANT)	LS	LUMP SUM	LUMP SUM	
291	044408	BUILDING WORK (WEST COVINA PKWY PUMPING PLANT)	LS	LUMP SUM	LUMP SUM	
292	BLANK					
293	026770	REMOVE CONCRETE RAILING	LF	1,190		
294 (F)	192038	STRUCTURE EXCAVATION (SOUND WALL)	CY	17		
295 (F)	193014	STRUCTURE BACKFILL (SOUND WALL)	CY	12		
296	026771	ARCHITECTURAL TEXTURE	SQFT	846		
297 (F)	510050	STRUCTURAL CONCRETE	CY	8		
298 (F)	510061	STRUCTURAL CONCRETE (SOUND WALL)	CY	10		
299 (F)	520101	BAR REINFORCING STEEL	LB	4,900		
300 (F)	520105	BAR REINFORCING STEEL (SOUND WALL)	LB	81,580		

BID ITEM LIST
07-1170U4

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
301	597600	PREPARE AND PAINT CONCRETE	SQFT	423		
302	026672	WEST COVINA CIVIC CENTER SIGN	EA	2		
303 (F)	598001	ANTI-GRAFFITI COATING	SQFT	846		
304	026773	15" VITRIFIED CLAY PIPE	LF	95		
305	839514	HANDRAILING	LF	700		
306	026774	CRASH CUSHION (ALTERNATIVE)	EA	7		
307	026775	CRASH CUSHION (SCI-70GM SMART CUSHION)	EA	17		
308	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

TOTAL BID: **$** _____