

**SUBMITTAL TO THE BOARD OF SUPERVISORS  
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**

619



**FROM:** TLMA - Transportation Department

**SUBMITTAL DATE:**  
November 14, 2013

**SUBJECT:** Magnolia Avenue/BNSF Railway Company Grade Separation Project in the City of Riverside and Home Gardens Area, 1<sup>st</sup>/1<sup>st</sup> and 2<sup>nd</sup>/2<sup>nd</sup> Districts. [\$34,167,522]; Federal Funds 52.8%, State Funds 29.8%, Local Funds 17.4%

**RECOMMENDED MOTION:** That the Board of Supervisors:

1. Approve two addenda to the plans and specifications issued prior to the October 23, 2013, bid opening; and
2. Accept the low bid of OHL USA, Inc. of Irvine, CA in the amount of \$34,167,522; and
3. Award the contract to OHL USA, Inc. and authorize the Chairman of the Board of Supervisors to execute the contract documents; and
4. Approve the project's proposed budget as shown on Attachment "A."

JCP:jrj:sb

*[Signature]*  
Juan C. Perez  
Director of Transportation and Land Management

FINANCIAL DATA	Current Fiscal Year	Next Fiscal Year	Total Cost	Ongoing Cost	POLICY/CONSENT (Per Exec. Office)
<b>COST</b>	\$ 10,000,000	\$ 24,167,522	\$ 34,167,522	\$ 0	Consent <input type="checkbox"/> Policy <input checked="" type="checkbox"/>
<b>NET COUNTY COST</b>	\$ 0	\$ 0	\$ 0	\$ 0	

**SOURCE OF FUNDS:** CMAQ (41.7%), STP-Discretionary, (11.1%), Prop 1B [Trade Corridor Improvement Funds] (29.4%), Gas Tax [ABX8-9 New Huta] (2.2%), TUMF-Northwest Zone [WRCOG] (11.7%), and Miscellaneous [BNSF] (3.7%), Home Gardens Sanitary District (0.2%).  
There are no General Funds used in this project.

**Budget Adjustment:** No  
  
**For Fiscal Year:** 13/14

**C.E.O. RECOMMENDATION:**

APPROVE

BY *[Signature]*  
Tina Grande

**County Executive Office Signature**

**MINUTES OF THE BOARD OF SUPERVISORS**

On motion of Supervisor Tavaglione, seconded by Supervisor Ashley and duly carried by unanimous vote, IT WAS ORDERED that the above matter is approved as recommended.

**Ayes:** Jeffries, Tavaglione, Stone, Benoit and Ashley  
**Nays:** None  
**Absent:** None  
**Date:** December 10, 2013  
**xc:** Transp.

Kecia Harper-Ihem  
Clerk of the Board  
By: *[Signature]*  
Deputy

**Prev. Agn. Ref.:** 9/10/13, Item 3-94  
6/4/13, Item 3-55

**District:** 1<sup>st</sup>/1<sup>st</sup>,  
2<sup>nd</sup>/2<sup>nd</sup>

**Agenda Number:**

**3-34**

FORM APPROVED COUNTY COUNSEL  
DATE 11/22/13  
BY: *[Signature]*  
MARSHAL L. VICTOR  
Departmental Concurrence

- A-30
- Positions Added
- 4/5 Vote
- Change Order

**SUBMITTAL TO THE BOARD OF SUPERVISORS, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**

**FORM 11:** Magnolia Avenue/BNSF Railway Company Grade Separation Project in the City of Riverside and Home Gardens Area, 1<sup>st</sup>/1<sup>st</sup> and 2<sup>nd</sup>/2<sup>nd</sup> Districts. [\$34,167,522]; Federal Funds 52.8%, State Funds 29.8%, Local Funds 17.4%

**DATE:** November 14, 2013

**PAGE:** 2 of 3

**BACKGROUND:**

**Summary (continued)**

By Minute Order dated September 10, 2013 (Agenda Item 3-94), the Board of Supervisors (Board) authorized the Clerk of the Board to advertise the Magnolia Avenue/BNSF Railway Company (BNSF) Grade Separation Project, between Lincoln Street and Buchanan Avenue, in the City of Riverside and Home Gardens area.

During the advertisement period, two addenda were issued to all registered plan holders as a supplement to the plans and specifications. Bidders are required to acknowledge and take into account all issued addenda on their Contractor's Bid in order to be considered for award. The addenda were issued to clarify and modify the approved contract documents. The addenda are attached and designated as Addendum No. 1 and Addendum No. 2.

Six bids were received on October 23, 2013, ranging from \$ \$34,167,522 to \$ 38,039,989. The basis for the selection of a contractor is the lowest responsive and responsible bid. The lowest and best bid was submitted by OHL USA, Inc. of Irvine, CA in the amount of \$34,167,522, which is \$1,121,364 (3.2%) below the Engineer's Estimate.

The bid documents include the following schedules of work:

Base Bid: Primary items of work

Alternate 1: Home Gardens Sanitary District (HGSD) Sewer work

Award of Alternate 1 Bid Schedule is recommended, and all costs for this work will be funded by HGSD in accordance with the executed funding Agreement. The Contract includes the Base Bid and Alternate 1 schedules of work.

The construction duration established for this project is 400 working days, and construction is anticipated to be completed by late summer of 2015.

The contractor is qualified to perform the work as outlined in the bid. The contractor has executed the Contract and provided bonds as required by the contract.

Project No. B7-0784

Federal Aid No. TCIFCML-5956 (193)

**Impact on Residents and Businesses**

Magnolia Avenue is a four lane major road in the City of Riverside and Home Gardens area. Magnolia Avenue carries close to 20,000 vehicles per day. This construction project will separate the roadway grade of Magnolia Avenue from the BNSF railway tracks.

Currently, 63 freight trains and 23 passenger trains pass through this crossing on a daily basis. This frequency is projected to increase to 91 freight and 46 passenger trains by the year 2035. The grade separation project will generate the following benefits:

- Increased public safety due the elimination of train and vehicle conflicts
- Reduction of particulate matter from idling vehicles, causing a reduction in greenhouse gas emissions
- Reduced train noise
- Reduce congestion on Magnolia Avenue, a heavily traveled corridor connecting Corona, Home Gardens, and Riverside

**SUBMITTAL TO THE BOARD OF SUPERVISORS, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**  
**FORM 11:** Magnolia Avenue/BNSF Railway Company Grade Separation Project in the City of Riverside and Home Gardens Area, 1<sup>st</sup>/1<sup>st</sup> and 2<sup>nd</sup>/2<sup>nd</sup> Districts. [\$34,167,522]; Federal Funds 52.8%, State Funds 29.8%, Local Funds 17.4%

**DATE:** November 14, 2013

**PAGE:** 3 of 3

**SUPPLEMENTAL:**

**Additional Fiscal Information**

The Contract is recommended to be awarded to OHL USA, Inc. for the total amount of \$34,167,522.

On June 11, 2013, the California Transportation Commission allocated \$17.696 million to this project for construction and construction engineering from Proposition 1B, Trade Corridor Improvement Funds (TCIF). TCIF funding requires that a construction contract for this project must be awarded on or before December 31, 2013.

This project is funded by CMAQ, STP-Discretionary, Prop 1B (TCIF), Gas Tax (ABX8-9 New Huta), TUMF-Northwest Zone (Western Riverside Council of Governments), Miscellaneous (BNSF), Miscellaneous (Home Gardens Sanitary District). There are no General Funds used in this project.

The project improvements are partially within the City of Riverside. By Minute Order dated June 4, 2013 (Agenda Item 3-55), responsibilities with respect to project coordination and maintenance are established in the fully executed cooperative agreement between the City of Riverside and the County of Riverside.

On December 2, 2013, the WRCOG Executive Committee approved the amendment to the TUMF Funding Agreement to increase the TUMF Funding allocation to \$7.2 million.

**Contract History and Price Reasonableness**

N/A

**Contract**

**Magnolia Avenue/ BNSF Railway**

**Grade Separation Project**

**between Lincoln Street and Buchanan Street**

**in the City of Riverside and Home Gardens area**

**Project No. B7-0784**

**Federal Aid No. TCIFCML -5956 (193)**

THIS CONTRACT, made and concluded, in duplicate as of the date set forth below, between the County of Riverside, party of the first part, and OHL USA, Inc. Contractor, party of the second part.

**ARTICLE I:**

WITNESSETH, that for and in consideration of the payments and agreements hereinafter mentioned, to be made and performed by the said party of the first part, and under the conditions expressed in the two bonds, bearing even date with these presents, and hereunto annexed, the said party of the second part agrees with the said party of the first part, at his own proper cost and expense, to do all the work and furnish all the materials, except such as are mentioned in the specifications to be furnished by said party of the first part, necessary to construct and complete in a good, workmanlike and substantial manner and to the satisfaction of the County of Riverside, the work described in the Special Provisions and the Project Plans described below, including any addenda No. 1 and 2 issued thereto, and also in conformance with the California Department of Transportation Standard Plans, dated 2010 the Standard Specifications, dated 2010 and the Labor Surcharge and Equipment Rental Rates in effect on the date the work is accomplished, which said Special Provisions, Project Plans, Standard Plans, Standard Specifications, and Labor Surcharge and Equipment Rental Rates are hereby specially referred to and by such reference made a part hereof.

The work to be done is shown on Plans entitled Magnolia Avenue/ BNSF Railway, Grade Separation Project, between Lincoln Street and Buchanan Street, in the City of Riverside and Home Gardens area, Project No. B7-0784, Federal Aid No. TCIFCML -5956 (193), Sheets 1 through 263 (Grade Separation Project), Sheets 1 through 2 (For Home Gardens Sanitary District), Sheets 1 through 4 (For City of Riverside Water Main Replacement Project), Plan number 957-GG, approved June 12, 2013, on file with the County Surveyor, which said project plans are hereby made a part of this Contract.

**ARTICLE II:**

The said party of the first part hereby promises and agrees with the said Contractor to employ, and does hereby employ, the said Contractor to provide the materials and to do the work according to the terms and conditions herein contained and referred to, for the prices hereinafter set forth, and hereby contracts to pay the same at the time, in the manner and upon the conditions herein set forth; and the



said parties for themselves, their heirs, executors, administrators, successors and assigns, do hereby agree to the full performance of the covenants herein contained.

**ARTICLE III:**

The State general prevailing wage rates determined by the Director of Industrial Relations are hereby made a part of this contract. It is further expressly agreed by and between the parties hereto that should there be any conflict between the terms of this instrument and the bid or proposal of said Contractor, then this instrument shall control and nothing herein shall be considered as an acceptance of the said terms of said proposal conflicting herewith.

**ARTICLE IV:**

By my signature hereunder, as Contractor, I certify that I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for worker's compensation or to undertake self insurance in conformance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this contract.

**ARTICLE V:**

And the said Contractor agrees to receive and accept the following prices as full compensation for furnishing all materials and for doing all the work contemplated and embraced in this Contract; also for all loss or damage, arising out of the nature of the work aforesaid, or from the action of the elements, or from any unforeseen difficulties or obstructions which may arise or be encountered in the prosecution of the work until its acceptance by the County of Riverside, and for all risks of every description connected with the work; also for all expenses incurred by or in consequence of the suspension or discontinuance of work and for well and faithfully completing the work, and the whole thereof, in the manner and according to the plans and specifications, and the requirements of the Engineer under them, to wit:

**Magnolia Avenue/ BNSF Railway  
Grade Separation Project  
between Lincoln Street and Buchanan Street  
in the City of Riverside and Home Gardens area  
Project No. B7-0784  
Federal Aid No. TCIFCML-5956 (193)**

**Contract**

**BASE BID**

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
1	015602	FUNDING AWARENESS SIGN	EA	2	1,200.00	2,400.00
2	019902	COURSE OF CONSTRUCTION INSURANCE	LS	1	50,000.00	50,000.00
3	066105	RESIDENT ENGINEERS OFFICE	LS	1	50,000.00	50,000.00
4	070012	PROGRESS SCHEDULE (CRITICAL PATH METHOD)	LS	1	8,000.00	8,000.00
5	074016	CONSTRUCTION SITE MANAGEMENT	LS	1	40,000.00	40,000.00
6	066102	DUST ABATEMENT	LS	1	50,000.00	50,000.00
7	148005	NOISE MONITORING	LS	1	20,000.00	20,000.00
8	170101	DEVELOP WATER SUPPLY	LS	1	35,000.00	35,000.00
9	190110	LEAD COMPLIANCE PLAN	LS	1	1,500.00	1,500.00
10	760090	MOBILIZATION, DEMOBILIZATION AND FINAL CLEANUP	LS	1	1,750,000.00	1,750,000.00
11	074019	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	1	2,000.00	2,000.00
12	074020	WATER POLLUTION CONTROL	LS	1	82,500.00	82,500.00
13	120090	CONSTRUCTION AREA SIGNS	LS	1	40,000.00	40,000.00
14	120110	FLASHING ARROW SIGN	EA	9	3,500.00	31,500.00
15	120120	TYPE III BARRICADE	EA	74	85.00	6,290.00
16	120149	TEMPORARY PAVEMENT MARKING (PAINT)	SQFT	1,610	2.00	3,220.00
17	120159	TEMPORARY TRAFFIC STRIPE (PAINT)	LF	28,880	0.65	18,772.00
18	120165	CHANNELIZER (SURFACE MOUNTED)	EA	810	20.00	16,200.00
19	120300	TEMPORARY PAVEMENT MARKER	EA	320	5.00	1,600.00
20	128650	PORTABLE CHANGEABLE MESSAGE SIGN	EA	2	10,000.00	20,000.00
21	129000	TEMPORARY RAILING (TYPE K)	LF	16,300	15.00	244,500.00
22	129100	TEMPORARY CRASH CUSHION MODULE (TS11)	EA	220	200.00	44,000.00
23	129110	TEMPORARY CRASH CUSHION (ABSORB 350)	EA	6	9,000.00	54,000.00

## Contract (continued)

### BASE BID (continued)

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
24	129150	TEMPORARY TRAFFIC SCREEN	LF	8,200	6.00	49,200.00
25	833077	PEDESTRIAN BARRICADE (ROADSIDE SIGN)	EA	2	75.00	150.00
26	860400	LIGHTING (TEMPORARY)	LS	1	125,000.00	125,000.00
27	160101	CLEARING AND GRUBBING (SEE SPECIAL PROVISIONS FOR ADDITIONAL WORK)	LS	1	45,000.00	45,000.00
28	151251	SALVAGE IRRIGATION FACILITY	EA	1	5,500.00	5,500.00
29	151281	SALVAGE ROADSIDE SIGN	EA	5	70.00	350.00
30	011511(F)	REMOVE MISCELLANEOUS ITEMS [BUMPER POLE]	EA	5	750.00	3,750.00
31	011511(F)	REMOVE MISCELLANEOUS ITEMS [BLOCK PLANTER WALL]	LF	43	100.00	4,300.00
32	011511	REMOVE MISCELLANEOUS ITEMS [PARKING BUMPER]	EA	30	5.00	150.00
33	000003	REMOVE MASONRY WALL	LF	370	75.00	27,750.00
34	141101(F)	REMOVE YELLOW PAINTED TRAFFIC STRIPE (HAZARDOUS WASTE)	LF	1,639	4.00	6,556.00
35	150605	REMOVE FENCE [WROUGHT IRON FENCE AND GATE]	LF	70	25.00	1,750.00
36	150608	REMOVE CHAIN LINK FENCE	LF	120	10.00	1,200.00
37	150662	REMOVE METAL BEAM GUARD RAILING	LF	640	15.00	9,600.00
38	150711(F)	REMOVE PAINTED TRAFFIC STRIPE	LF	7,474	1.25	9,342.50
39	150829	REMOVE RETAINING WALL	LF	70	100.00	7,000.00
40	150805	REMOVE CULVERT	LF	70	120.00	8,400.00
41	150807	REMOVE STORM DRAIN [12"]	LF	21	90.00	1,890.00
42	150807	REMOVE STORM DRAIN [15"]	LF	81	32.00	2,592.00
43	150807	REMOVE STORM DRAIN [18"]	LF	590	30.00	17,700.00
44	150807	REMOVE STORM DRAIN [21"]	LF	150	42.00	6,300.00
45	150807	REMOVE STORM DRAIN [33"]	LF	38	90.00	3,420.00
46	150807	REMOVE STORM DRAIN [18" ASBESTOS]	LF	144	50.00	7,200.00
47	150821	REMOVE HEADWALL [EXISTING]	EA	4	1,000.00	4,000.00
48	150826	REMOVE MANHOLE [EXISTING]	EA	1	2,500.00	2,500.00
49	150827	REMOVE CATCH BASIN [EXISTING]	EA	9	1,600.00	14,400.00
50	153120(F)	REMOVE CONCRETE (DITCH)	LF	1,980	1.50	2,970.00
51	153140(F)	REMOVE CONCRETE SIDEWALK	SQYD	1,488	2.80	4,166.40
52	153210	REMOVE CONCRETE [PAVERS]	SQYD	500	3.60	1,800.00

**Contract (continued)**

**BASE BID (continued)**

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
53	153210	REMOVE CONCRETE [ACCESS RAMP]	SQYD	260	6.50	1,690.00
54	153210	REMOVE CONCRETE [DRIVEWAY AND APPROACH]	SQYD	420	6.00	2,520.00
55	153210	REMOVE CONCRETE [CROSS GUTTER AND SPANDRAL]	SQYD	200	8.00	1,600.00
56	153210	REMOVE CONCRETE [PILASTER]	EA	1	340.00	340.00
57	153210	REMOVE CONCRETE [STAMPED]	SQYD	6,150	1.65	10,147.50
58	153130	REMOVE CONCRETE CURB	LF	3,920	1.50	5,880.00
59	153215(F)	REMOVE CONCRETE (CURB AND GUTTER)	LF	9,313	1.74	16,204.62
60	150846	REMOVE CONCRETE PAVEMENT	CY	1,700	36.00	61,200.00
61	150769(F)	REMOVE ASPHALT CONCRETE	CY	5,045	27.00	136,215.00
62	150769	REMOVE ASPHALT CONCRETE [WALKWAY]	CY	250	25.00	6,250.00
63	150771	REMOVE ASPHALT CONCRETE DIKE	LF	660	1.15	759.00
64	153121	REMOVE CONCRETE	CY	6	300.00	1,800.00
65	160120(F)	REMOVE TREE	EA	190	190.00	36,100.00
66	160120(F)	REMOVE TREE [PALM]	EA	32	1,100.00	35,200.00
67	152255	RESET MAILBOX	EA	4	150.00	600.00
68	152379	RELOCATE FENCE [WROUGHT IRON FENCE AND GATE]	LF	60	240.00	14,400.00
69	152379	RELOCATE FENCE [CHAIN LINK FENCE AND GATE]	LF	560	18.00	10,080.00
70	152390	RELOCATE ROADSIDE SIGN	EA	10	75.00	750.00
71	152394	RELOCATE SIGN STRUCTURE	EA	2	12,000.00	24,000.00
72	150206	ABANDON CULVERT	LF	720	10.00	7,200.00
73	155003(F)	CAP INLET	EA	2	650.00	1,300.00
74	152440	ADJUST MANHOLE TO GRADE	EA	6	4,500.00	27,000.00
75	000003(F)	CLEANOUT BOX (CITY 425)	EA	1	2,500.00	2,500.00
76	000003	GRATING CATCH BASIN (W=6.40', SPPWC 304-3)	EA	4	7,000.00	28,000.00
77	000003	GRATING CATCH BASIN (W=2.95', SPPWC 304-3)	EA	1	7,000.00	7,000.00
78	000003	PRECAST CATCH BASIN (2' X 2')	EA	1	3,000.00	3,000.00
79	000003	TRANSITION STRUCTURE RCB-PIPE (SPPWC 342-2)	EA	2	18,000.00	36,000.00
80	000003	JUNCTION STRUCTURE (CITY 422)	EA	1	1,600.00	1,600.00
81	703203	CORRUGATED STEEL PIPE RISER (.138" THICK)	EA	1	1,900.00	1,900.00

**Contract (continued)**

**BASE BID (continued)**

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
82	000003(F)	PRECAST CONCRETE PIPE INLET (CALTRANS D75B)	EA	2	2,400.00	4,800.00
83	000003(F)	DETENTION BASIN EXCAVATION	CY	352	12.00	4,224.00
84	013902	ASPHALT CONCRETE OVERSIDE DRAIN (CRS 306)	EA	2	2,200.00	4,400.00
85	015101	CLASS B CONCRETE (COLLAR) (RCFC&WCDS M803)	EA	4	550.00	2,200.00
86	017003	CATCH BASIN (CURB INLET) (CRS 300) [W=21']	EA	1	4,700.00	4,700.00
87	017003	CATCH BASIN (CURB INLET) (CRS 300) [W=14']	EA	1	4,100.00	4,100.00
88	017003	CATCH BASIN (CURB INLET) (CRS 300) [W=7']	EA	1	3,000.00	3,000.00
89	017003	CATCH BASIN (CURB INLET) (CRS 300) [W=4']	EA	3	2,000.00	6,000.00
90	000001	ITEM DELETED BY ADDENDUM	----	----	----	----
91	017005	CATCH BASIN (COMBINATION INLET) (CRS 302 - NO.2) [W=6.40']	EA	2	3,600.00	7,200.00
92	017101	MANHOLE (RCFC&WCDS MH251)	EA	2	8,600.00	17,200.00
93	017105	JUNCTION STRUCTURE (RCFCD&WCDS JS 227)	EA	6	1,100.00	6,600.00
94	017110	MANHOLE (RCFC&WCDS MH254) [NO.4]	EA	1	8,600.00	8,600.00
95	017111	JUNCTION STRUCTURE (RCFC&WCDS JS 229)	EA	1	1,100.00	1,100.00
96	510090(F)	STRUCTURAL CONCRETE, BOX CULVERT [CALTRANS D80] (3' X 1.5')	LF	58	665.00	38,570.00
97	510501(F)	MINOR CONCRETE [BULKHEAD]	EA	16	1,100.00	17,600.00
98	510501(F)	MINOR CONCRETE [INLET DEPRESSION] [CALTRANS D78C]	CY	4	650.00	2,600.00
99	510535(F)	MINOR CONCRETE (HEADWALL)	EA	1	2,400.00	2,400.00
100	620800(F)	CONCRETE BACKFILL (PIPE TRENCH)	CY	2	225.00	450.00
101	650014	18" REINFORCED CONCRETE PIPE	LF	580	81.00	46,980.00
102	650018	24" REINFORCED CONCRETE PIPE	LF	1,500	78.00	117,000.00
103	650026	36" REINFORCED CONCRETE PIPE	LF	660	113.00	74,580.00
104	700617	DRAINAGE INLET MARKER	EA	19	25.00	475.00
105	703514	8" WELDED STEEL PIPE (.105" THICK)	LF	62	88.00	5,456.00
106	705204(F)	18" CONCRETE FLARED END SECTION	EA	1	1,400.00	1,400.00
107	709904	CATCH BASIN [TYPE 1] (CITY 400) (W=14')	EA	3	4,600.00	13,800.00
108	709904	CATCH BASIN [CITY 407] (W=14')	EA	1	6,000.00	6,000.00
109	719300	MANHOLE [CITY 431]	EA	3	9,500.00	28,500.00
110	721011(F)	ROCK SLOPE PROTECTION (BACKING NO. 2, METHOD B)	CY	38	142.00	5,396.00

**Contract (continued)**

**BASE BID (continued)**

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
111	721420	CONCRETE (DITCH LINING)	CY	13	790.00	10,270.00
112	721431	CONCRETE (CONCRETE APRON)	CY	1	1,375.00	1,375.00
113	731507(F)	MINOR CONCRETE (GUTTER DEPRESSION) (CRS 311)	CY	13	640.00	8,320.00
114	731507(F)	MINOR CONCRETE (GUTTER DEPRESSION) (CRS 312)	CY	1	1,100.00	1,100.00
115	192003(F)	STRUCTURE EXCAVATION (BRIDGE)	CY	1,558	75.00	116,850.00
116	192037(F)	STRUCTURE EXCAVATION (RETAINING WALL)	CY	570	75.00	42,750.00
117	193003(F)	STRUCTURE BACKFILL (BRIDGE)	CY	1,227	50.00	61,350.00
118	193013(F)	STRUCTURE BACKFILL (RETAINING WALL)	CY	624	50.00	31,200.00
119	198010(F)	IMPORTED BORROW	CY	10,785	11.00	118,635.00
120	000003	CITRUS LABEL TILES	EA	23	5,850.00	134,550.00
121	000003	INTERPRETIVE PANEL TILES	EA	10	1,275.00	12,750.00
122	151509	RECONSTRUCT DRAINAGE FACILITY (ARLINGTON CHANNEL WALL AT CIDH PILE )	LS	1	60,000.00	60,000.00
123	000003	POST GROUTING CIDH PILE	EA	7	10,000.00	70,000.00
124	151509	RECONSTRUCT DRAINAGE FACILITY (ARLINGTON CHANNEL UC AT TEMP BRIDGE)	LS	1	30,000.00	30,000.00
125	151540	RECONSTRUCT CHAIN LINK FENCE	LF	87	50.00	4,350.00
126	477020	MECHANICALLY STABILIZED EMBANKMENT [TEMPORARY RETAINING WALL]	SQFT	4,530	20.00	90,600.00
127	477021(F)	MECHANICALLY STABILIZED EMBANKMENT, LOCATION A	SQFT	8,658	38.00	329,004.00
128	477022(F)	MECHANICALLY STABILIZED EMBANKMENT, LOCATION B	SQFT	8,226	38.00	312,588.00
129	477023(F)	MECHANICALLY STABILIZED EMBANKMENT, LOCATION C	SQFT	1,704	38.00	64,752.00
130	480600	TEMPORARY SHORING [ARLINGTON CHANNEL WALL]	LS	1	250,000.00	250,000.00
131	490508	FURNISH STEEL PILING (HP 10 X 57)	LF	253	45.00	11,385.00
132	490509	DRIVE STEEL PILE (HP 10 X 57)	EA	10	1,500.00	15,000.00
133	490528	FURNISH STEEL PILING (HP 14 X 89)	LF	4,364	45.00	196,380.00
134	490529	DRIVE STEEL PILE (HP 14 X 89)	EA	115	1,500.00	172,500.00
135	490623	156" CAST-IN-DRILLED-HOLE CONCRETE PILING	LF	1,519	2,650.00	4,025,350.00
136	500001	PRESTRESSING CAST-IN-PLACE CONCRETE (LONGITUDINAL)	LS	1	395,000.00	395,000.00
137	500001	PRESTRESSING CAST-IN-PLACE CONCRETE (TRANSVERSE)	LS	1	687,000.00	687,000.00
138	510050(F)	STRUCTURAL CONCRETE [SIDEWALK SLAB]	CY	65	850.00	55,250.00
139	510051(F)	STRUCTURAL CONCRETE, BRIDGE FOOTING	CY	314	300.00	94,200.00

**Contract (continued)**

**BASE BID (continued)**

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
140	510053(F)	STRUCTURAL CONCRETE, BRIDGE	CY	13,315	770.00	10,252,550.00
141	510060(F)	STRUCTURAL CONCRETE, RETAINING WALL	CY	245	500.00	122,500.00
142	510072(F)	STRUCTURAL CONCRETE, BARRIER SLAB	CY	516	500.00	258,000.00
143	510086(F)	STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N)	CY	197	550.00	108,350.00
144	511035(F)	ARCHITECTURAL TREATMENT	SQFT	4,090	22.00	89,980.00
145	511047(F)	ANTI-GRAFFITI COATING	SQFT	69,820	1.00	69,820.00
146	518051	PTFE SPHERICAL BEARING [HINGE]	EA	7	6,500.00	45,500.00
147	518051	PTFE SPHERICAL BEARING [ABUTMENT 11]	EA	7	5,300.00	37,100.00
148	519089	JOINT SEAL ASSEMBLY [MR 10 1/2"]	LF	77	1,600.00	123,200.00
149	519095	JOINT SEAL ASSEMBLY (MR 4")	LF	75	215.00	16,125.00
150	519109	JOINT SEAL ASSEMBLY (MR 6 1/2")	LF	79	235.00	18,565.00
151	520102(F)	BAR REINFORCING STEEL (BRIDGE)	LB	4,857,853	0.80	3,886,282.40
152	520103(F)	BAR REINFORCING STEEL (RETAINING WALL)	LB	26,368	1.25	32,960.00
153	550102(F)	STRUCTURAL STEEL (BRIDGE)	LB	27,069	7.00	189,483.00
154	550203(F)	FURNISH STRUCTURAL STEEL (BRIDGE)	LB	22,497	4.00	89,988.00
155	550204(F)	ERECT STRUCTURAL STEEL (BRIDGE)	LB	22,497	0.50	11,248.50
156	590115	CLEAN AND PAINT STRUCTURAL STEEL	LS	1	15,000.00	15,000.00
157	703450	WELDED STEEL PIPE CASING (BRIDGE) [32"]	LF	84	225.00	18,900.00
158	731517	MINOR CONCRETE (GUTTER) [WALL]	LF	151	30.00	4,530.00
159	750041(F)	ISOLATION CASING	LB	29,150	4.00	116,600.00
160	750496(F)	MISCELLANEOUS METAL (RESTRAINER - PIPE TYPE)	LB	15,003	6.00	90,018.00
161	750498(F)	MISCELLANEOUS METAL (RESTRAINER - CABLE TYPE)	LB	1,775	6.00	10,650.00
162	750501(F)	MISCELLANEOUS METAL (BRIDGE)	LB	6,601	6.00	39,606.00
163	750505(F)	BRIDGE DECK DRAINAGE SYSTEM	LB	11,963	6.00	71,778.00
164	071321	TEMPORARY FENCE (TYPE CL-6)	LF	68	25.00	1,700.00
165	833000(F)	METAL RAILING (RAMP)	LF	321	160.00	51,360.00
166	833000(F)	METAL RAILING (BRIDGE)	LF	2,925	434.00	1,269,450.00
167	833000(F)	METAL RAILING [27"]	LF	169	134.00	22,646.00
168	833088(F)	TUBULAR HANDRAILING [22"]	LF	1,463	49.00	71,687.00

## Contract (continued)

### BASE BID (continued)

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
169	000003(F)	CONCRETE PARAPET	LF	1,509	60.00	90,540.00
170	833142(F)	CONCRETE BARRIER (TYPE 26) [MODIFIED]	LF	137	120.00	16,440.00
171	839401(F)	CONCRETE BARRIER (TYPE 732/60D) [MODIFIED]	LF	330	315.00	103,950.00
172	839521(F)	CABLE RAILING	LF	135	33.00	4,455.00
173	839704(F)	CONCRETE BARRIER (TYPE 60D) [MODIFIED]	LF	700	95.00	66,500.00
174	839717(F)	CONCRETE BARRIER (TYPE 732) [MODIFIED]	LF	3,902	65.00	253,630.00
175	839721(F)	CONCRETE BARRIER (TYPE 732A)	LF	178	95.00	16,910.00
176	017305	MINOR CONCRETE (CURB AND GUTTER) (CRS201)	LF	4,430	22.00	97,460.00
177	017309	MINOR CONCRETE (TYPE "D" CURB) (CRS 204)	LF	1,530	29.00	44,370.00
178	017315	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE A)	EA	2	3,800.00	7,600.00
179	017316	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE B)	EA	4	2,900.00	11,600.00
180	510501	MINOR CONCRETE [RETAINING CURB]	LF	250	36.00	9,000.00
181	510501	MINOR CONCRETE [TYPE II] ( CITY 200]	LF	1,470	30.00	44,100.00
182	513553(F)	RETAINING WALL (MASONRY WALL)	LF	83	105.00	8,715.00
183	513570(F)	CONCRETE BLOCK WALL [SLOUGH]	LF	111	80.00	8,880.00
184	513570(F)	CONCRETE BLOCK WALL [SECURITY]	LF	191	105.00	20,055.00
185	513570(F)	CONCRETE BLOCK WALL [ENCLOSURE]	LF	162	160.00	25,920.00
186	730040	MINOR CONCRETE (GUTTER) [LONGITUDINAL]	LF	130	30.00	3,900.00
187	731504	MINOR CONCRETE (CURB AND GUTTER) [CITY 200] (TYPE 1)	LF	1,030	24.00	24,720.00
188	731504	MINOR CONCRETE (CURB AND GUTTER) [DETAIL 3]	LF	160	29.00	4,640.00
189	731516	MINOR CONCRETE (DRIVEWAY) [DETAIL 7]	SQFT	2,210	16.00	35,360.00
190	731516	MINOR CONCRETE (DRIVEWAY) [DETAIL 302] (TYPE-II)	SQFT	590	16.00	9,440.00
191	731516	MINOR CONCRETE (DRIVEWAY) [CITY 302] (TYPE CURB-1)	SQFT	340	18.00	6,120.00
192	731516	MINOR CONCRETE (DRIVEWAY) [DETAIL 9]	SQFT	630	14.00	8,820.00
193	731519	MINOR CONCRETE (STAMPED CONCRETE)	SQFT	330	17.00	5,610.00
194	731521	MINOR CONCRETE (SIDEWALK)	SQFT	10,320	6.50	67,080.00
195	731623	MINOR CONCRETE (CURB RAMP) [CITY 304]	EA	2	3,000.00	6,000.00
196	731623	MINOR CONCRETE (CURB RAMP) [DETAIL 1]	EA	1	3,100.00	3,100.00
197	735000(F)	PARKING BUMPER (PRECAST CONCRETE)	EA	27	135.00	3,645.00



## Contract (continued)

### BASE BID (continued)

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
198	800300(F)	CHAIN LINK FENCE [H = 6']	LF	1,484	40.00	59,360.00
199	800360(F)	CHAIN LINK FENCE (TYPE CL-6)	LF	210	38.00	7,980.00
200	801340(F)	METAL GATE [WROUGHT IRON, 26']	EA	1	18,000.00	18,000.00
201	000003	WROUGHT IRON FENCE	LF	17	300.00	5,100.00
202	802620(F)	16' CHAIN LINK GATE (TYPE CL-6)	EA	2	3,000.00	6,000.00
203	011508(F)	COLD PLANE ASPHALT CONCRETE PAVEMENT (.17') [MAX]	SQYD	3,487	2.50	8,717.50
204	260201	CLASS 2 AGGREGATE BASE	CY	11,200	32.00	358,400.00
205	377501(F)	SLURRY SEAL	SQYD	579	3.00	1,737.00
206	390132	HOT MIX ASPHALT (TYPE A)	TON	15,500	68.00	1,054,000.00
207	510501	MINOR CONCRETE [PCC PAVEMENT]	CY	630	205.00	129,150.00
208	220101	FINISHING ROADWAY	LS	1	30,000.00	30,000.00
209	066827	STRIPING AND PAVEMENT MARKERS (THERMOPLASTIC)	LS	1	35,000.00	35,000.00
210	208000	IRRIGATION SYSTEM	LS	1	197,000.00	197,000.00
211	000003	LANDSCAPE IMPROVEMENTS	LS	1	223,000.00	223,000.00
212	860201	SIGNAL AND LIGHTING	LS	1	565,000.00	565,000.00
213	860460	LIGHTING AND SIGN ILLUMINATION	LS	1	675,000.00	675,000.00
214	000003(F)	CRASH CUSHION (TYPE TRACC)	EA	1	32,000.00	32,000.00
215	832001	METAL BEAM GUARD RAILING	LF	88	60.00	5,280.00
216	839541(F)	TRANSITION RAILING (TYPE WB)	EA	1	3,800.00	3,800.00
217	839585(F)	ALTERNATIVE FLARED TERMINAL SYSTEM	EA	1	2,750.00	2,750.00
218	000003	RECONSTRUCT BOLLARD	EA	5	800.00	4,000.00
219	000003	RECONSTRUCT BACKFLOW PREVENTER AND COVER	EA	9	600.00	5,400.00
220	000003	RECONSTRUCT MONUMENT SIGN	EA	2	17,500.00	35,000.00
221	562001	METAL (ROADSIDE SIGN) [BARRIER MOUNTED]	EA	1	450.00	450.00
222	562001	METAL (ROADSIDE SIGN) [WALL MOUNTED]	EA	8	350.00	2,800.00
223	562001	METAL (ROADSIDE SIGN) LIGHT POLE MOUNTED]	EA	16	75.00	1,200.00
224	562001	METAL (ROADSIDE SIGN) [FENCE MOUNTED]	EA	12	75.00	900.00
225	566011	ROADSIDE SIGN - ONE POST	EA	44	175.00	7,700.00
226	566012	ROADSIDE SIGN - TWO POST	EA	3	750.00	2,250.00

**Contract (continued)**

**BASE BID (continued)**

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
227	000001	ITEM DELETED BY ADDENDUM	---	---	---	---
228	000003	FURNISH 12-INCH DUCTILE IRON PIPE (PRESSURE CLASS 350)	LF	280	82.00	22,960.00
229	000003	INSTALL 12-INCH DUCTILE IRON PIPE COMPLETE PER PLAN AND CWD-040-1 & 2	LF	280	65.00	18,200.00
230	000003	FURNISH 20-INCH DUCTILE IRON PIPE (PRESSURE CLASS 250)	LF	420	133.00	55,860.00
231	000003	INSTALL 20-INCH DUCTILE IRON PIPE COMPLETE PER PLAN AND CWD-040-1 & 2	LF	420	82.00	34,440.00
232	000003	FURNISH AND INSTALL TEMPORARY HIGHLINE, INCLUDING ALL FITTINGS AND APPURTENANCES, PER PLAN	LS	1	22,000.00	22,000.00
233	000003	FURNISH AND INSTALL 24-INCH STEEL SPLIT CASING, PER PLAN	LF	50	245.00	12,250.00
234	000003	FURNISH AND INSTALL 2-INCH WATER SERVICE PER CWD-601	EA	1	2,645.00	2,645.00
235	000003	FURNISH AND INSTALL FIRE HYDRANT ASSEMBLY COMPLETE PER CWD-700	EA	1	7,750.00	7,750.00
236	000003	FURNISH AND INSTALL 4" TEMPORARY BLOW-OFF ASSEMBLY COMPLETE PER CWD-413, RESTRAIN ALL JOINTS	EA	4	5,100.00	20,400.00
237	000003	FURNISH AND INSTALL 2-INCH AIR VALVE PER CWD-451	EA	1	3,650.00	3,650.00
238	000003	FURNISH AND INSTALL 12-INCH RESILIENT WEDGE GATE VALVE AND VALVE BOX PER CWD-500 AND CWD-515	EA	1	4,425.00	4,425.00
239	000003	FURNISH AND INSTALL 6-INCH BLOW-OFF PER CWD-410-A	EA	2	8,235.00	16,470.00
240	000003	TESTING, CHLORINATION, SANITARY SAMPLES, FLUSHING AND DISPOSAL OF CHLORINATED WATER	LS	1	8,100.00	8,100.00
241	000003	FURNISH AND INSTALL SYSTEM CONNECTIONS, INCLUDING ALL NECESSARY PIPING AND APPURTENANCES COMPLETE PER PLAN	LS	1	26,000.00	26,000.00
242	000003	PROVIDE TRENCH SHORING, BRACING, AND PLATING, INCLUDING PLANS AND PERMITS	LS	1	7,500.00	7,500.00
243	190101	ROADWAY EXCAVATION	CY	25,750	12.00	309,000.00
244	000003	EDISON STREET LIGHT SYSTEM	LS	1	60,000.00	60,000.00
245	000003 (P-F)	PIPE HANDRAILING	LF	227	150.00	34,050.00
246	120100	TRAFFIC CONTROL SYSTEM [MISCELLANEOUS AND NON-RAILROAD FLAGGING]	LS	1	115,000.00	115,000.00
247	066020	RELATIONS WITH RAILROAD [INCLUDING RAILROAD FLAGGING]	LS	1	416,000.00	416,000.00

BASE BID

SUB-

TOTAL: Thirty four million, eighty two thousand, three hundred six dollars and forty two cents

**\$34,082,306.42**

ITEMS 1-247

"WORDS"

**Contract (continued)**

**ALTERNATE 1 BID SCHEDULE (HGSD)**

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
248	152475	ADJUST SEWER MANHOLE	EA	9	4,500.00	40,500.00
249	000003	8" HIGH STRENGTH VCP SEWER MAIN	LF	76	151.00	11,476.00
250	000001	ITEM DELETED BY ADDENDUM	---	---	---	---
251	000003	48" PRECAST CONCRETE MANHOLE	EA	1	9,500.00	9,500.00
252	000003	CONNECTION TO EXISTING MANHOLE	EA	2	2,500.00	5,000.00
253	000003	REMOVE AND DISPOSE OF EXISTING 8" CIP SEWER	LF	78	80.00	6,240.00
254	000003	TEMPORARY SEWER BYPASS	LS	1	12,500.00	12,500.00

ALT 1 BID SCH.

SUB-TOTAL: Eighty five thousand, two hundred sixteen dollars and zero cents **\$ 85,216.00**

ITEM 248-254 "WORDS"

PROJECT TOTAL Thirty four million, one hundred sixty seven thousand, five hundred twenty two dollars and forty two cents **\$34,167,522.42**

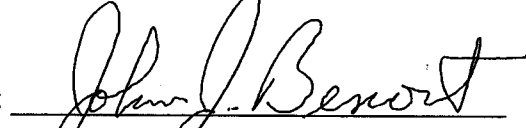
ITEMS 1-254 "WORDS"

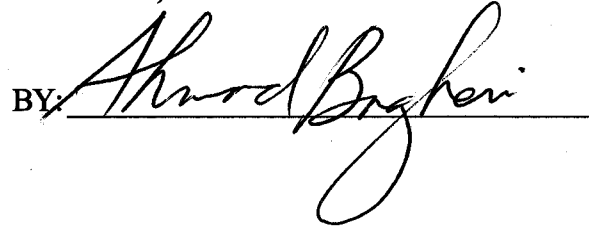
**Magnolia Avenue/ BNSF Railway  
Grade Separation Project  
between Lincoln Street and Buchanan Street  
in the City of Riverside and Home Gardens area  
Project No. B7-0784  
Federal Aid No. TCIFCML-5956 (193)**

IN WITNESS WHEREOF the parties hereto have executed this Contract as of the date set forth below.

**COUNTY OF RIVERSIDE**

**OHL USA, Inc.**

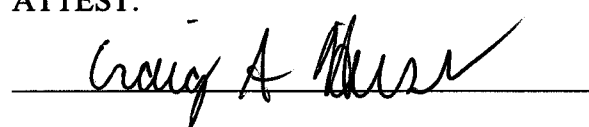
BY:   
**JOHN J. BENOIT**  
Chairman, Board of Supervisors

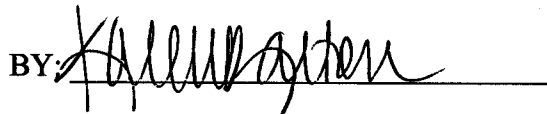
BY: 

DATED: DEC 10 2013

TITLE: Executive Vice-President  
(If Corporation, affix Seal)

ATTEST:  
Kecia Harper-Ihem, Clerk of the Board

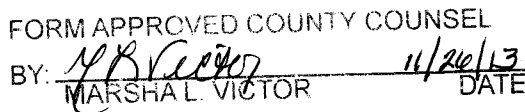
ATTEST:  


BY:   
Deputy

TITLE: Chief Estimator

Licensed in accordance with an act providing for the registration of Contractors,

License No. 984140

FORM APPROVED COUNTY COUNSEL  
BY:  11/26/13  
MARSHAL L. VICTOR DATE

Federal Employer Identification Number:  
98-0461222

BY \_\_\_\_\_  
"County"

\_\_\_\_\_  
"Corporation"  
(Seal)

# Performance Bond

## Recitals:

1. **OHL USA, Inc.** (Contractor) has entered into an Agreement with COUNTY OF RIVERSIDE (County) for construction of public work known as **Magnolia Avenue/ BNSF Railway, Grade Separation Project, between Lincoln Street and Buchanan Street, in the City of Riverside and Home Gardens area, Project No. B7-0784, Federal Aid No. TCIFCML -5956 (193).**
2. \_\_\_\_\_, a \_\_\_\_\_ corporation (Surety), is the Surety under this Bond.

## Agreement:

We, Contractor as Principal and Surety as Surety, jointly and severally agree, state, and are bound unto County, as obligee, as follows:

1. The amount of the obligation of this Bond is 100% of the estimated contract price for the Project of **\$34,167,522.42 (Thirty four million, one hundred sixty seven thousand, five hundred twenty two dollars and forty two cents)** and inures to the benefit of County.
2. This Bond is exonerated by Contractor doing all things to be kept and performed by it in strict conformance with the Contract Documents for this project, otherwise it remains in full force and effect for the recovery of loss, damage and expense of County resulting from failure of Contractor to so act. All of said Contract Documents are incorporated herein.
3. This obligation is binding on our successors and assigns.
4. For value received, Surety stipulates and agrees that no change, time extension, prepayment to Contractor, alteration or addition to the terms and requirements of the Contract Documents or the work to be performed thereunder shall affect its obligations hereunder and waives notice as to such matters, except the total contract price cannot be increased by more than 10% without approval of Surety.

THIS BOND is executed as of \_\_\_\_\_.

By \_\_\_\_\_

By \_\_\_\_\_

By \_\_\_\_\_

Type Name \_\_\_\_\_

Title \_\_\_\_\_

Its Attorney in Fact  
"Surety"

"Contractor"

(Corporate Seal)

(Corporate Seal)

**NOTE: This Bond must be executed by both parties with corporate seal affixed. All signatures must be acknowledged. (Attach acknowledgements).**

**Payment Bond**

(Public Works - Civil Code §9550 et seq.)

The makers of this Bond are OHL USA, Inc. as Principal and Original Contractor and \_\_\_\_\_, a corporation, authorized to issue Surety Bonds in California, as Surety, and this Bond is issued in conjunction with that certain public works contract to be executed between Principal and COUNTY OF RIVERSIDE a public entity, as Owner, for \$34,167,522.42 (Thirty four million, one hundred sixty seven thousand, five hundred twenty two dollars and forty two cents), the total amount payable. The amount of this bond is one hundred percent (100%) of said sum. Said contract is for public work generally consisting of Magnolia Avenue/ BNSF Railway, Grade Separation Project, between Lincoln Street and Buchanan Street, in the City of Riverside and Home Gardens area, Project No. B7-0784, Federal Aid No. TCIFCML -5956 (193).

The beneficiaries of this Bond are as is stated in 9554 of the Civil Code and requirements and conditions of this Bond are as is set forth in 9554, 9558, 9560 and 9564 of said code. Without notice, Surety consents to extension of time for performance, change in requirements, amount of compensation, or prepayment under said contract.

Dated: \_\_\_\_\_

\_\_\_\_\_  
Original Contractor – Principal

\_\_\_\_\_  
Surety

By \_\_\_\_\_

By \_\_\_\_\_  
Its Attorney In Fact

Title \_\_\_\_\_  
(If corporation, affix seal)

(Corporate Seal)

(Corporate Seal)

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ }

ss. SURETY'S ACKNOWLEDGEMENT

On \_\_\_\_\_ before me, \_\_\_\_\_ personally appeared, \_\_\_\_\_, known to me, or proved to me on the basis of satisfactory evidence, to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacities, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

\_\_\_\_\_  
Signature of Notary Public

Notary Public (Seal)

**NOTE: This Bond must be executed by both parties with corporate seal affixed. All signatures must be acknowledged. (Attach acknowledgements).**

**UNANIMOUS WRITTEN CONSENT**

**OF**

**THE BOARD OF DIRECTORS**

**OF**

**OHL USA, INC.**

(a Delaware corporation)

The undersigned, being all of the directors (the "Board of Directors") of OHL USA, Inc., a Delaware corporation (the "Corporation"), pursuant to the provisions of the laws of the State of Delaware, do hereby waive any formal notice of a meeting and unanimously consent that when the undersigned have executed this consent or a counterpart hereof, the resolutions set forth below shall be deemed to have been adopted to the same extent, and to have the same force and effect, as if adopted at a formal meeting of the Board of Directors, duly called and held for the purpose of acting upon proposals to adopt such resolutions.

**WHEREAS**, Ahmad Bagheri has been hired by the Corporation and shall be based in Los Angeles, California; and

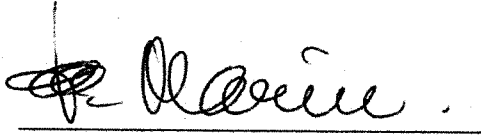
**WHEREAS**, the Board of Directors believes it is advisable and in the best interest of the Corporation to grant certain limited powers of attorney to Mr. Bagheri;

**NOW, THEREFORE, BE IT RESOLVED**, that the Corporation hereby appoints Ahmad Bagheri as the Corporation's true and lawful attorney-in-fact, with full power and authority as hereinafter described on behalf of and in the name, place and stead of the undersigned to:

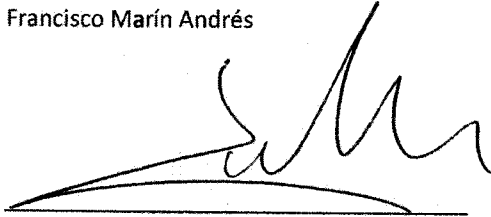
1. Draft, negotiate, execute, deliver and file such documents, certificates or other instruments with public or private entities as he may determine to be necessary or desirable in order for the Corporation to submit bids and participate in procurement processes for any construction contract performed within the State of California.
2. Draft, negotiate and execute any purchase orders, subcontracts or contracts related to the performance of construction activities within the State of California with private entities.

[Signature page follows]

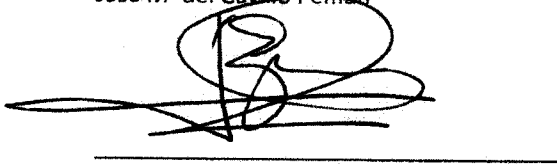
IN WITNESS WHEREOF, the undersigned Board of Directors have executed this Unanimous  
Written consent this 29<sup>th</sup> day of May, 2013.



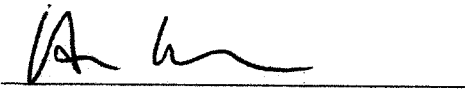
Francisco Marín Andrés



José Mª del Cuyillo Pemán



Enrique Weickert



Lauro Bravar



### Performance Bond

#### Recitals:

- OHL USA, Inc.** (Contractor) has entered into an Agreement with COUNTY OF RIVERSIDE (County) for construction of public work known as Magnolia Avenue/ BNSF Railway, Grade Separation Project, between Lincoln Street and Buchanan Street, in the City of Riverside and Home Gardens area, Project No. B7-0784, Federal Aid No. TCIFCML -5956 (193).
- Travelers Casualty and Surety Company of America  
Zurich American Insurance Company  
Liberty Mutual Insurance Company, a Connecticut (Travelers)  
New York (Zurich)  
Massachusetts (Liberty) corporation (Surety),  
is the Surety under this Bond.

#### Agreement:

We, Contractor as Principal and Surety as Surety, jointly and severally agree, state, and are bound unto County, as obligee, as follows:

- The amount of the obligation of this Bond is 100% of the estimated contract price for the Project of \$34,167,522.42 (Thirty four million, one hundred sixty seven thousand, five hundred twenty two dollars and forty two cents) and inures to the benefit of County.
- This Bond is exonerated by Contractor doing all things to be kept and performed by it in strict conformance with the Contract Documents for this project, otherwise it remains in full force and effect for the recovery of loss, damage and expense of County resulting from failure of Contractor to so act. All of said Contract Documents are incorporated herein.
- This obligation is binding on our successors and assigns.
- For value received, Surety stipulates and agrees that no change, time extension, prepayment to Contractor, alteration or addition to the terms and requirements of the Contract Documents or the work to be performed thereunder shall affect its obligations hereunder and waives notice as to such matters, except the total contract price cannot be increased by more than 10% without approval of Surety.

THIS BOND is executed as of December 3, 2013  
OHL USA, Inc.

By Ahmad B. Basha

By Ahmad Basha

Title Executive Vice President

"Contractor"

(Corporate Seal)

Travelers Casualty and Surety Company of America  
Zurich American Insurance Company  
Liberty Mutual Insurance Company

By Valorie Spates

Type Name Valorie Spates, Attorney-in-Fact

Its Attorney in Fact  
"Surety"

(Corporate Seal)

**NOTE: This Bond must be executed by both parties with corporate seal affixed. All signatures must be acknowledged. (Attach acknowledgements).**

**ACKNOWLEDGMENT OF PRINCIPAL**

State of California

County of Orange

On 3<sup>rd</sup> Day of December, 2013 before me personally appeared Ahmad Bagheri who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she~~/~~they~~ executed the same in his/~~her~~/~~their~~ authorized capacity(~~ies~~), and that by his/~~her~~/~~their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

(seal)

Signature Stefanie E. Ransom



**SURETY ACKNOWLEDGMENT**

**State of New York**

**County of Nassau**

**On 3<sup>rd</sup> Day of December, 2013 before me, Anne L. Potter, Notary Public, personally appeared Valorie Spates \_\_\_\_\_ who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.**

**I certify under PENALTY OF PERJURY under the laws of the State of New York that the foregoing paragraph is true and correct.**

**WITNESS my hand and official seal.**

(seal)

Signature Anne L. Potter

**ANNE L. POTTER  
NOTARY PUBLIC-STATE OF NEW YORK  
No. 01PO6283845  
Qualified in Queens County  
My Commission Expires June 17, 2017**



POWER OF ATTORNEY

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company

Attorney-In Fact No. 226253

Certificate No. 005674720

KNOW ALL MEN BY THESE PRESENTS: That Farmington Casualty Company, St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company are corporations duly organized under the laws of the State of Connecticut, that Fidelity and Guaranty Insurance Company is a corporation duly organized under the laws of the State of Iowa, and that Fidelity and Guaranty Insurance Underwriters, Inc., is a corporation duly organized under the laws of the State of Wisconsin (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint

David W. Rosehill, Nancy Schnee, James E. Marran, Jr., Annette Leuschner, Andrea E. Gorbert, Valorie Spates, Beverly A. Woolford, and Anne Potter

of the City of Jericho, State of New York, their true and lawful Attorney(s)-in-Fact, each in their separate capacity if more than one is named above, to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed and their corporate seals to be hereto affixed, this 22nd day of October, 2013.

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company



State of Connecticut
City of Hartford ss.

By: [Signature]
Robert L. Raney, Senior Vice President

On this the 22nd day of October, 2013, before me personally appeared Robert L. Raney, who acknowledged himself to be the Senior Vice President of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

In Witness Whereof, I hereunto set my hand and official seal.
My Commission expires the 30th day of June, 2016.



[Signature]
Marie C. Tetreault, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, which resolutions are now in full force and effect, reading as follows:

**RESOLVED**, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

**FURTHER RESOLVED**, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

**FURTHER RESOLVED**, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

**FURTHER RESOLVED**, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, Kevin E. Hughes, the undersigned, Assistant Secretary, of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this DEC 03 2013 day of \_\_\_\_\_, 20\_\_.

WARNING: THIS POWER OF ATTORNEY IS INVALID WITHOUT THE RED BORDER

*Kevin E. Hughes*  
Kevin E. Hughes, Assistant Secretary



To verify the authenticity of this Power of Attorney, call 1-800-421-3880 or contact us at [www.travelersbond.com](http://www.travelersbond.com). Please refer to the Attorney-In-Fact number, the above-named individuals and the details of the bond to which the power is attached.

TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA

HARTFORD, CONNECTICUT 06183

FINANCIAL STATEMENT AS OF DECEMBER 31, 2012

AS FILED IN THE STATE OF NEW YORK

CAPITAL STOCK \$ 6,480,000

ASSETS		LIABILITIES & SURPLUS	
CASH AND INVESTED CASH	\$ 15,838,791	UNEARNED PREMIUMS	\$ 783,408,892
BONDS	3,713,171,015	LOSSES	501,058,710
INVESTMENT INCOME DUE AND ACCRUED	80,768,732	REINSURANCE PAYABLE ON PAID LOSSES & LOSS ADJ. EXPENSES	1,448,821
OTHER INVESTED ASSETS	280,730,887	LOSS ADJUSTMENT EXPENSES	534,370,880
PREMIUM BALANCES	184,942,688	COMMISSIONS	28,281,779
NET DEFERRED TAX ASSET	83,274,378	TAXES, LICENSES AND FEES	88,782,884
REINSURANCE RECOVERABLE	12,410,524	OTHER EXPENSES	35,588,967
SECURITIES LENDING REINVESTED COLLATERAL ASSETS	7,768,155	FUNDS HELD UNDER REINSURANCE TREATIES	94,449,644
RECEIVABLES FROM PARENT, SUBSIDIARIES AND AFFILIATES	11,080,470	CURRENT FEDERAL AND FOREIGN INCOME TAXES	80,875,673
UNDISTRIBUTED PAYMENTS	(1,438,685)	REMITTANCES AND ITEMS NOT ALLOCATED	19,270,951
OTHER ASSETS	884,083	AMOUNTS WITHHELD / RETAINED BY COMPANY FOR OTHERS	78,084,808
		RETROACTIVE REINSURANCE RESERVE ASSUMED	3,183,184
		POLICYHOLDER DIVIDENDS	8,738,121
		PROVISION FOR REINSURANCE	5,314,328
		ADVANCE PREMIUM	728,888
		PAYABLE FOR SECURITIES LENDING	7,768,155
		CEDED REINSURANCE NET PREMIUMS PAYABLE	(70,803,744)
		ESCHEAT LIABILITY	828,389
		OTHER ACCRUED EXPENSES AND LIABILITIES	282,082
		<b>TOTAL LIABILITIES</b>	<b>\$ 2,658,108,857</b>
		CAPITAL STOCK	\$ 6,480,000
		PAID IN SURPLUS	433,803,760
		OTHER SURPLUS	1,340,168,061
		<b>TOTAL SURPLUS TO POLICYHOLDERS</b>	<b>\$ 1,780,451,821</b>
<b>TOTAL ASSETS</b>	<b>\$ 4,339,658,778</b>	<b>TOTAL LIABILITIES &amp; SURPLUS</b>	<b>\$ 4,339,658,778</b>

STATE OF CONNECTICUT )  
 COUNTY OF HARTFORD ) ss.  
 CITY OF HARTFORD )

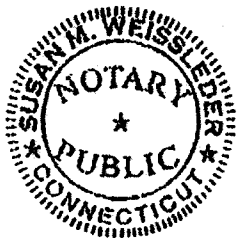
MICHAEL J. DOODY, BEING DULY SWORN, SAYS THAT HE IS SECOND VICE PRESIDENT, OF TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA, AND THAT TO THE BEST OF HIS KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT STATEMENT OF THE FINANCIAL CONDITION OF SAID COMPANY AS OF THE 31ST DAY OF DECEMBER, 2012.

*Michael J. Doody*  
 SECOND VICE PRESIDENT

*Susan M. Weissleder*  
 NOTARY PUBLIC

SUBSCRIBED AND SWORN TO BEFORE ME THIS  
 20TH DAY OF MARCH, 2013

SUSAN M. WEISSELEDER  
 Notary Public  
 My Commission Expires November 30, 2017



**ZURICH AMERICAN INSURANCE COMPANY  
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY  
FIDELITY AND DEPOSIT COMPANY OF MARYLAND  
POWER OF ATTORNEY**

KNOW ALL MEN BY THESE PRESENTS: That the ZURICH AMERICAN INSURANCE COMPANY, a corporation of the State of New York, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, a corporation of the State of Maryland, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND a corporation of the State of Maryland (herein collectively called the "Companies"), by THOMAS O. MCCLELLAN, Vice President, in pursuance of authority granted by Article V, Section 8, of the By-Laws of said Companies, which are set forth on the reverse side hereof and are hereby certified to be in full force and effect on the date hereof, do hereby nominate, constitute, and appoint James E. MARRAN, JR, David W. ROSEHILL, Nancy SCHNEE, Andrea E. GORBERT, Annette LEUSCHNER, Valorie SPATES, Beverly A. WOOLFORD and Anne POTTER, all of Jericho, New York, EACH its true and lawful agent and Attorney-in-Fact, to make, execute, seal and deliver, for, and on its behalf as surety, and as its act and deed: any and all bonds and undertakings, and the execution of such bonds or undertakings in pursuance of these presents, shall be as binding upon said Companies, as fully and amply, to all intents and purposes, as if they had been duly executed and acknowledged by the regularly elected officers of the ZURICH AMERICAN INSURANCE COMPANY at its office in New York, New York., the regularly elected officers of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at its office in Owings Mills, Maryland., and the regularly elected officers of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at its office in Owings Mills, Maryland., in their own proper persons.

The said Vice President does hereby certify that the extract set forth on the reverse side hereof is a true copy of Article V, Section 8, of the By-Laws of said Companies, and is now in force.

IN WITNESS WHEREOF, the said Vice-President has hereunto subscribed his/her names and affixed the Corporate Seals of the said ZURICH AMERICAN INSURANCE COMPANY, COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and FIDELITY AND DEPOSIT COMPANY OF MARYLAND, this 5th day of February, A.D. 2013.

ATTEST:

**ZURICH AMERICAN INSURANCE COMPANY  
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY  
FIDELITY AND DEPOSIT COMPANY OF MARYLAND**



By: Eric D. Barnes  
Assistant Secretary  
Eric D. Barnes

Thomas O. McClellan  
Vice President  
Thomas O. McClellan

State of Maryland  
City of Baltimore

On this 5th day of February, A.D. 2013, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, THOMAS O. MCCLELLAN, Vice President, and ERIC D. BARNES, Assistant Secretary, of the Companies, to me personally known to be the individuals and officers described in and who executed the preceding instrument, and acknowledged the execution of same, and being by me duly sworn, depose and saith, that he/she is the said officer of the Company aforesaid, and that the seals affixed to the preceding instrument are the Corporate Seals of said Companies, and that the said Corporate Seals and the signature as such officer were duly affixed and subscribed to the said instrument by the authority and direction of the said Corporations.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal the day and year first above written.

Constance A. Dunn



Constance A. Dunn, Notary Public  
My Commission Expires: July 14, 2015

**EXTRACT FROM BY-LAWS OF THE COMPANIES**

"Article V, Section 8, Attorneys-in-Fact. The Chief Executive Officer, the President, or any Executive Vice President or Vice President may, by written instrument under the attested corporate seal, appoint attorneys-in-fact with authority to execute bonds, policies, recognizances, stipulations, undertakings, or other like instruments on behalf of the Company, and may authorize any officer or any such attorney-in-fact to affix the corporate seal thereto; and may with or without cause modify or revoke any such appointment or authority at any time."

**CERTIFICATE**

I, the undersigned, Vice President of the ZURICH AMERICAN INSURANCE COMPANY, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, do hereby certify that the foregoing Power of Attorney is still in full force and effect on the date of this certificate; and I do further certify that Article V, Section 8, of the By-Laws of the Companies is still in force.

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the ZURICH AMERICAN INSURANCE COMPANY at a meeting duly called and held on the 15th day of December 1998.

RESOLVED: "That the signature of the President or a Vice President and the attesting signature of a Secretary or an Assistant Secretary and the Seal of the Company may be affixed by facsimile on any Power of Attorney...Any such Power or any certificate thereof bearing such facsimile signature and seal shall be valid and binding on the Company."

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at a meeting duly called and held on the 5th day of May, 1994, and the following resolution of the Board of Directors of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at a meeting duly called and held on the 10th day of May, 1990.

RESOLVED: "That the facsimile or mechanically reproduced seal of the company and facsimile or mechanically reproduced signature of any Vice-President, Secretary, or Assistant Secretary of the Company, whether made heretofore or hereafter, wherever appearing upon a certified copy of any power of attorney issued by the Company, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seals of the said Companies, this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

DEC 03 2013



*Geoffrey Delisio*

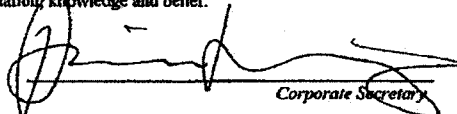
Geoffrey Delisio, Vice President



**ZURICH AMERICAN INSURANCE COMPANY**  
**COMPARATIVE BALANCE SHEET**  
**ONE LIBERTY PLAZA, 165 BROADWAY, 32nd FLOOR, NEW YORK, NY 10006**  
**As of December 31, 2012 and December 31, 2011**

	12/31/2012	12/31/2011
<b>Assets</b>		
Bonds	\$ 18,907,466,866	\$ 18,985,096,131
Preferred Stock	-	259,036
Common Stock	2,123,025,432	2,068,881,919
Other Invested Assets	2,035,077,824	2,065,634,039
Short-term Investments	126,053,209	107,298,374
Receivable for securities	134,410,839	18,523,294
Cash and cash equivalents	728,298,115	(128,716,627)
Securities lending reinvested collateral assets	225,335,750	120,821,061
Employee Trust for Deferred Compensation Plan	130,493,778	124,809,033
Total Cash and Invested Assets	\$ 24,410,161,814	\$ 23,362,606,260
Premiums Receivable	\$ 3,649,247,239	\$ 3,611,868,304
Funds Held with Reinsurers	3,681,443	28,073,922
Reinsurance Recoverable	215,451,507	233,357,918
Accrued Investment Income	121,729,727	149,372,442
Federal Income Tax Recoverable	930,267,731	788,664,462
Due from Affiliates	187,274,289	95,583,016
Other Assets	493,265,075	459,639,011
Total Assets	\$ 30,011,078,824	\$ 28,729,165,335
<b>Liabilities and Policyholders' Surplus</b>		
<b>Liabilities:</b>		
Loss and LAE Reserves	\$ 14,244,436,264	\$ 14,401,632,170
Unearned Premium Reserve	4,159,670,241	4,066,273,586
Funds Held with Reinsurers	212,412,675	218,214,563
Loss In Course of Payment	408,170,112	353,274,509
Commission Reserve	64,038,359	63,749,920
Federal Income Tax Payable	16,190,044	47,352,138
Remittances and Items Unallocated	196,410,982	69,677,903
Payable to parent, subs and affiliates	57,540,814	92,111,683
Provision for Reinsurance	66,649,220	60,498,188
Ceded Reinsurance Premiums Payable	551,510,878	278,235,370
Securities Lending Collateral Liability	225,335,750	120,821,061
Other Liabilities	2,166,453,164	1,938,544,837
Total Liabilities	\$ 22,368,818,502	\$ 21,710,385,928
<b>Policyholders' Surplus:</b>		
Common Capital Stock	\$ 5,000,000	\$ 5,000,000
Paid-In and Contributed Surplus	4,394,131,321	4,394,131,320
Surplus Notes	430,000,000	883,000,000
Special Surplus Funds	43,259,000	396,438,437
Cumulative Unrealized Gain	331,857,594	209,454,958
Unassigned Surplus	2,438,012,408	1,130,754,692
Total Policyholders' Surplus	\$ 7,642,260,323	\$ 7,018,779,407
Total Liabilities and Policyholders' Surplus	\$ 30,011,078,824	\$ 28,729,165,335

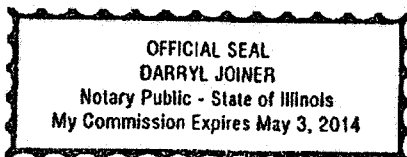
I, Dennis F. Kerrigan, Corporate Secretary of ZURICH AMERICAN INSURANCE COMPANY do hereby certify that the foregoing statement is a correct exhibit of the assets and liabilities of the said Company, on the 31st day of December, 2012, according to the best of my information, knowledge and belief.

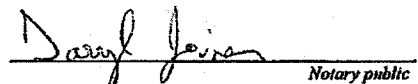
  
 \_\_\_\_\_  
 Corporate Secretary

State of Illinois  
 County of Cook

} SS:

Subscribed and sworn to, before me, a Notary Public of the State of Illinois, in the City of Schaumburg, this 15th day of March, 2013.



  
 \_\_\_\_\_  
 Notary public

**THIS POWER OF ATTORNEY IS NOT VALID UNLESS IT IS PRINTED ON RED BACKGROUND.**

This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

Certificate No. 5970465

American Fire and Casualty Company  
The Ohio Casualty Insurance Company

Liberty Mutual Insurance Company  
West American Insurance Company

**POWER OF ATTORNEY**

KNOWN ALL PERSONS BY THESE PRESENTS: That American Fire & Casualty Company and The Ohio Casualty Insurance Company are corporations duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Andrea E. Gorbort; Anne Potter; Annette Leuschner; Beverly A. Woolford; David W. Rosehill; James E. Marran, Jr.; Nancy Schnee; Valorie Spates

all of the city of Jericho, state of NY each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 29th day of January, 2013.



American Fire and Casualty Company  
The Ohio Casualty Insurance Company  
Liberty Mutual Insurance Company  
West American Insurance Company

By: Gregory W. Davenport  
Gregory W. Davenport, Assistant Secretary

STATE OF WASHINGTON ss  
COUNTY OF KING

On this 29th day of January, 2013, before me personally appeared Gregory W. Davenport, who acknowledged himself to be the Assistant Secretary of American Fire and Casualty Company, Liberty Mutual Insurance Company, The Ohio Casualty Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at Seattle, Washington, on the day and year first above written.



By: KD Riley  
KD Riley, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

**ARTICLE IV - OFFICERS** - Section 12. Power of Attorney. Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

**ARTICLE XIII - Execution of Contracts - SECTION 5. Surety Bonds and Undertakings.** Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

**Certificate of Designation** - The President of the Company, acting pursuant to the Bylaws of the Company, authorizes Gregory W. Davenport, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

**Authorization** - By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, David M. Carey, the undersigned, Assistant Secretary, of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this \_\_\_\_\_ day of \_\_\_\_\_, 2013. **DEC 03 2013**



By: David M. Carey  
David M. Carey, Assistant Secretary

Not valid for mortgage, note, loan, letter of credit, bank deposit, currency rate, interest rate or residual value guarantees.

To confirm the validity of this Power of Attorney call 1-610-832-8240 between 9:00 am and 4:30 pm EST on any business day.



**LIBERTY MUTUAL INSURANCE COMPANY**  
**FINANCIAL STATEMENT — DECEMBER 31, 2012**

<b>Assets</b>	<b>Liabilities</b>
Cash and Bank Deposits..... \$ 903,711,694	Unearned Premiums..... \$4,205,141,671
*Bonds — U.S Government..... 1,166,929,471	Reserve for Claims and Claims Expense..... 17,056,420,207
*Other Bonds..... 11,415,194,219	Funds Held Under Reinsurance Treaties..... 1,315,062,091
*Stocks..... 8,104,853,899	Reserve for Dividends to Policyholders..... 2,455,411
Real Estate..... 255,967,320	Additional Statutory Reserve..... 49,768,998
Agents' Balances or Uncollected Premiums..... 3,482,069,753	Reserve for Commissions, Taxes and
Accrued Interest and Rents..... 144,016,763	Other Liabilities..... <u>3,066,051,537</u>
Other Admitted Assets..... <u>14,732,623,458</u>	<b>Total..... \$25,694,899,915</b>
<b>Total Admitted Assets..... <u>\$40,205,366,577</u></b>	Special Surplus Funds..... \$604,621,497
	Capital Stock..... 10,000,000
	Paid in Surplus..... 7,899,471,886
	Unassigned Surplus..... 5,996,373,279
	Surplus to Policyholders..... <u>14,510,466,662</u>
	<b>Total Liabilities and Surplus..... <u>\$40,205,366,577</u></b>



\* Bonds are stated at amortized or investment value; Stocks at Association Market Values.  
 The foregoing financial information is taken from Liberty Mutual Insurance Company's financial statement filed with the state of Massachusetts Department of Insurance.

I, TIM MIKOLAJEWSKI, Assistant Secretary of Liberty Mutual Insurance Company, do hereby certify that the foregoing is a true, and correct statement of the Assets and Liabilities of said Corporation, as of December 31, 2012, to the best of my knowledge and belief.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of said Corporation at Seattle, Washington, this 25th day of March, 2013.

*T. Mikolajewski*

\_\_\_\_\_  
 Assistant Secretary

**Payment Bond**

(Public Works - Civil Code §9550 et seq.)

The makers of this Bond are OHL USA, Inc. as Principal and Original Contractor and Travelers Casualty and Surety Company of America, Zurich American Insurance Company, and Liberty Mutual Insurance Company, a corporation, authorized to issue Surety Bonds in California, as Surety, and this Bond is issued in conjunction with that certain public works contract to be executed between Principal and COUNTY OF RIVERSIDE a public entity, as Owner, for \$34,167,522.42 (Thirty four million, one hundred sixty seven thousand, five hundred twenty two dollars and forty two cents), the total amount payable. The amount of this bond is one hundred percent (100%) of said sum. Said contract is for public work generally consisting of Magnolia Avenue/ BNSF Railway, Grade Separation Project, between Lincoln Street and Buchanan Street, in the City of Riverside and Home Gardens area, Project No. B7-0784, Federal Aid No. TCIFCML -5956 (193).

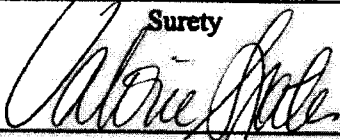
The beneficiaries of this Bond are as is stated in 9554 of the Civil Code and requirements and conditions of this Bond are as is set forth in 9554, 9558, 9560 and 9564 of said code. Without notice, Surety consents to extension of time for performance, change in requirements, amount of compensation, or prepayment under said contract.

Dated: December 3, 2013

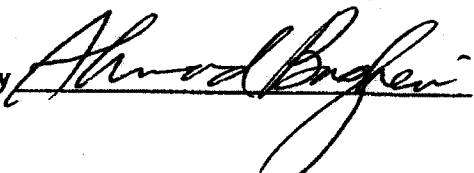
OHL USA, Inc.

Original Contractor -- Principal

Travelers Casualty and Surety Company of America  
Zurich American Insurance Company  
Liberty Mutual Insurance Company

By   
Valorie Spates, Attorney-in-Fact  
Its Attorney in Fact

(Corporate Seal)

By   
Title Executive Vice President

(If corporation, affix seal)

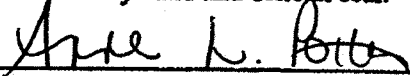
(Corporate Seal)

STATE OF New York  
COUNTY OF Nassau }

ss. SURETY'S ACKNOWLEDGEMENT

On December 3, 2013 before me, Anne L. Potter personally appeared, Valorie Spates, known to me, or proved to me on the basis of satisfactory evidence, to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacities, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

  
Signature of Notary Public

ANNE L. POTTER  
NOTARY PUBLIC-STATE OF NEW YORK  
No. 01PO6283845  
Qualified in Queens County  
My Commission Expires June 17, 2017  
Notary Public (Seal)

NOTE: This Bond must be executed by both parties with corporate seal affixed. All signatures must be acknowledged. (Attach acknowledgements).

**ACKNOWLEDGMENT OF PRINCIPAL**

State of California

County of Orange

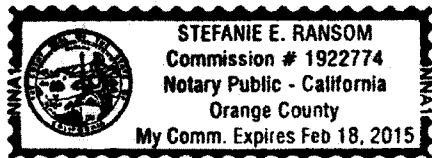
On 3<sup>rd</sup> Day of December, 2013 before me personally appeared Ahmad Bagheri who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/~~she~~/they executed the same in his/~~her~~/their authorized capacity(ies), and that by his/~~her~~/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

(seal)

Signature Stefanie E. Ransom





POWER OF ATTORNEY

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company

Attorney-In Fact No. 226253

Certificate No. 005674719

KNOW ALL MEN BY THESE PRESENTS: That Farmington Casualty Company, St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company are corporations duly organized under the laws of the State of Connecticut, that Fidelity and Guaranty Insurance Company is a corporation duly organized under the laws of the State of Iowa, and that Fidelity and Guaranty Insurance Underwriters, Inc., is a corporation duly organized under the laws of the State of Wisconsin (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint

David W. Rosehill, Nancy Schnee, James E. Marran, Jr., Annette Leuschner, Andrea E. Gorbett, Valorie Spates, Beverly A. Woolford, and Anne Potter

of the City of Jericho, State of New York, their true and lawful Attorney(s)-in-Fact, each in their separate capacity if more than one is named above, to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed and their corporate seals to be hereto affixed, this 22nd day of October, 2013.

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company



State of Connecticut
City of Hartford ss.

By: [Signature]
Robert L. Raney, Senior Vice President

On this the 22nd day of October, 2013, before me personally appeared Robert L. Raney, who acknowledged himself to be the Senior Vice President of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

In Witness Whereof, I hereunto set my hand and official seal.
My Commission expires the 30th day of June, 2016.



[Signature]
Marie C. Tetreault, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, which resolutions are now in full force and effect, reading as follows:

**RESOLVED**, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

**FURTHER RESOLVED**, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

**FURTHER RESOLVED**, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

**FURTHER RESOLVED**, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, Kevin E. Hughes, the undersigned, Assistant Secretary, of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which is in full force and effect and has not been revoked.

DEC 03 2013

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_

WARNING: THIS POWER OF ATTORNEY IS INVALID WITHOUT THE RED BORDER

*Kevin E. Hughes*  
Kevin E. Hughes, Assistant Secretary



To verify the authenticity of this Power of Attorney, call 1-800-421-3880 or contact us at [www.travelersbond.com](http://www.travelersbond.com). Please refer to the Attorney-In-Fact number, the above-named individuals and the details of the bond to which the power is attached.

TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA

HARTFORD, CONNECTICUT 06183

FINANCIAL STATEMENT AS OF DECEMBER 31, 2012

AS FILED IN THE STATE OF NEW YORK

CAPITAL STOCK \$6,480,000

ASSETS		LIABILITIES & SURPLUS	
CASH AND INVESTED CASH	\$ 15,836,791	UNEARNED PREMIUMS	\$ 783,488,692
BONDS	3,713,171,016	LOSSES	901,058,710
INVESTMENT INCOME DUE AND ACCRUED	80,788,732	REINSURANCE PAYABLE ON PAID LOSSES & LOSS ADJ. EXPENSES	1,448,021
OTHER INVESTED ASSETS	280,730,687	LOSS ADJUSTMENT EXPENSES	634,370,680
PREMIUM BALANCES	184,942,688	COMMISSIONS	29,281,779
NET DEFERRED TAX ASSET	63,274,379	TAXES, LICENSES AND FEES	88,782,894
REINSURANCE RECOVERABLE	12,410,624	OTHER EXPENSES	35,688,987
SECURITIES LENDING REINVESTED COLLATERAL ASSETS	7,788,165	FUNDS HELD UNDER REINSURANCE TREATIES	94,449,844
RECEIVABLES FROM PARENT, SUBSIDIARIES AND AFFILIATES	11,080,470	CURRENT FEDERAL AND FOREIGN INCOME TAXES	60,675,673
UNDISTRIBUTED PAYMENTS	(1,439,688)	REMITTANCES AND ITEMS NOT ALLOCATED	19,279,931
OTHER ASSETS	884,063	AMOUNTS WITHHELD / RETAINED BY COMPANY FOR OTHERS	78,084,808
		RETROACTIVE REINSURANCE RESERVE ASSUMED	3,163,164
		POLICYHOLDER DIVIDENDS	8,738,121
		PROVISION FOR REINSURANCE	6,314,328
		ADVANCE PREMIUM	728,898
		PAYABLE FOR SECURITIES LENDING	7,768,165
		CEDED REINSURANCE NET PREMIUMS PAYABLE	(70,803,744)
		ESCHEAT LIABILITY	826,390
		OTHER ACCRUED EXPENSES AND LIABILITIES	282,082
		<b>TOTAL LIABILITIES</b>	<b>\$ 2,659,108,657</b>
		CAPITAL STOCK	\$ 6,480,000
		PAID IN SURPLUS	433,803,760
		OTHER SURPLUS	1,340,168,061
		<b>TOTAL SURPLUS TO POLICYHOLDERS</b>	<b>\$ 1,780,451,821</b>
<b>TOTAL ASSETS</b>	<b>\$ 4,339,658,778</b>	<b>TOTAL LIABILITIES &amp; SURPLUS</b>	<b>\$ 4,339,658,778</b>

STATE OF CONNECTICUT )  
 COUNTY OF HARTFORD ) SS.  
 CITY OF HARTFORD )

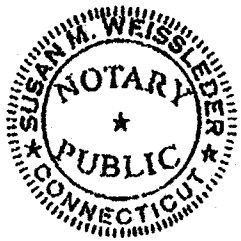
MICHAEL J. DOODY, BEING DULY SWORN, SAYS THAT HE IS SECOND VICE PRESIDENT, OF TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA, AND THAT TO THE BEST OF HIS KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT STATEMENT OF THE FINANCIAL CONDITION OF SAID COMPANY AS OF THE 31ST DAY OF DECEMBER, 2012.

*Michael J. Doody*  
 SECOND VICE PRESIDENT

*Susan M. Weissleder*  
 NOTARY PUBLIC

SUSAN M. WEISSELER  
 Notary Public  
 My Commission Expires November 30, 2017

SUBSCRIBED AND SWORN TO BEFORE ME THIS  
 20TH DAY OF MARCH, 2013





**ZURICH AMERICAN INSURANCE COMPANY  
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY  
FIDELITY AND DEPOSIT COMPANY OF MARYLAND  
POWER OF ATTORNEY**

KNOW ALL MEN BY THESE PRESENTS: That the ZURICH AMERICAN INSURANCE COMPANY, a corporation of the State of New York, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, a corporation of the State of Maryland, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND a corporation of the State of Maryland (herein collectively called the "Companies"), by **THOMAS O. MCCLELLAN, Vice President**, in pursuance of authority granted by Article V, Section 8, of the By-Laws of said Companies, which are set forth on the reverse side hereof and are hereby certified to be in full force and effect on the date hereof, do hereby nominate, constitute, and appoint **James E. MARRAN, JR, David W. ROSEHILL, Nancy SCHNEE, Andrea E. GORBERT, Annette LEUSCHNER, Valorie SPATES, Beverly A. WOOLFORD and Anne POTTER, all of Jericho, New York, EACH** its true and lawful agent and Attorney-in-Fact, to make, execute, seal and deliver, for, and on its behalf as surety, and as its act and deed: **any and all bonds and undertakings**, and the execution of such bonds or undertakings in pursuance of these presents, shall be as binding upon said Companies, as fully and amply, to all intents and purposes, as if they had been duly executed and acknowledged by the regularly elected officers of the ZURICH AMERICAN INSURANCE COMPANY at its office in New York, New York., the regularly elected officers of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at its office in Owings Mills, Maryland., and the regularly elected officers of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at its office in Owings Mills, Maryland., in their own proper persons.

The said Vice President does hereby certify that the extract set forth on the reverse side hereof is a true copy of Article V, Section 8, of the By-Laws of said Companies, and is now in force.

IN WITNESS WHEREOF, the said Vice-President has hereunto subscribed his/her names and affixed the Corporate Seals of the said ZURICH AMERICAN INSURANCE COMPANY, COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and FIDELITY AND DEPOSIT COMPANY OF MARYLAND, this 5th day of February, A.D. 2013.

ATTEST:

**ZURICH AMERICAN INSURANCE COMPANY  
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY  
FIDELITY AND DEPOSIT COMPANY OF MARYLAND**



By: *Eric D. Barnes*  
Assistant Secretary  
Eric D. Barnes

*Thomas O. McClellan*  
Vice President  
Thomas O. McClellan

State of Maryland  
City of Baltimore

On this 5th day of February, A.D. 2013, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, **THOMAS O. MCCLELLAN, Vice President, and ERIC D. BARNES, Assistant Secretary**, of the Companies, to me personally known to be the individuals and officers described in and who executed the preceding instrument, and acknowledged the execution of same, and being by me duly sworn, deposeth and saith, that he/she is the said officer of the Company aforesaid, and that the seals affixed to the preceding instrument are the Corporate Seals of said Companies, and that the said Corporate Seals and the signature as such officer were duly affixed and subscribed to the said instrument by the authority and direction of the said Corporations.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal the day and year first above written.

*Constance A. Dunn*



Constance A. Dunn, Notary Public  
My Commission Expires: July 14, 2015

**EXTRACT FROM BY-LAWS OF THE COMPANIES**

"Article V, Section 8, Attorneys-in-Fact. The Chief Executive Officer, the President, or any Executive Vice President or Vice President may, by written instrument under the attested corporate seal, appoint attorneys-in-fact with authority to execute bonds, policies, recognizances, stipulations, undertakings, or other like instruments on behalf of the Company, and may authorize any officer or any such attorney-in-fact to affix the corporate seal thereto; and may with or without cause modify or revoke any such appointment or authority at any time."

**CERTIFICATE**

I, the undersigned, Vice President of the ZURICH AMERICAN INSURANCE COMPANY, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, do hereby certify that the foregoing Power of Attorney is still in full force and effect on the date of this certificate; and I do further certify that Article V, Section 8, of the By-Laws of the Companies is still in force.

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the ZURICH AMERICAN INSURANCE COMPANY at a meeting duly called and held on the 15th day of December 1998.

RESOLVED: "That the signature of the President or a Vice President and the attesting signature of a Secretary or an Assistant Secretary and the Seal of the Company may be affixed by facsimile on any Power of Attorney...Any such Power or any certificate thereof bearing such facsimile signature and seal shall be valid and binding on the Company."

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at a meeting duly called and held on the 5th day of May, 1994, and the following resolution of the Board of Directors of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at a meeting duly called and held on the 10th day of May, 1990.

RESOLVED: "That the facsimile or mechanically reproduced seal of the company and facsimile or mechanically reproduced signature of any Vice-President, Secretary, or Assistant Secretary of the Company, whether made heretofore or hereafter, wherever appearing upon a certified copy of any power of attorney issued by the Company, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seals of the said Companies, this \_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_.

DEC 03 2013



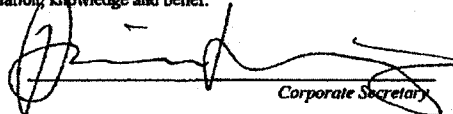
*Geoffrey Delisio*

Geoffrey Delisio, Vice President

**ZURICH AMERICAN INSURANCE COMPANY**  
**COMPARATIVE BALANCE SHEET**  
**ONE LIBERTY PLAZA, 165 BROADWAY, 32nd FLOOR, NEW YORK, NY 10006**  
**As of December 31, 2012 and December 31, 2011**

	12/31/2012	12/31/2011
<b>Assets</b>		
Bonds	\$ 18,907,466,866	\$ 18,985,096,131
Preferred Stock	-	259,036
Common Stock	2,123,025,432	2,068,881,919
Other Invested Assets	2,035,077,824	2,065,634,039
Short-term Investments	126,053,209	107,298,374
Receivable for securities	134,410,839	18,523,294
Cash and cash equivalents	728,298,115	(128,716,627)
Securities lending reinvested collateral assets	225,335,750	120,821,061
Employee Trust for Deferred Compensation Plan	130,493,778	124,809,033
Total Cash and Invested Assets	\$ 24,410,161,814	\$ 23,362,606,260
Premiums Receivable	\$ 3,649,247,239	\$ 3,611,868,304
Funds Held with Reinsurers	3,681,443	28,073,922
Reinsurance Recoverable	215,451,507	233,357,918
Accrued Investment Income	121,729,727	149,372,442
Federal Income Tax Recoverable	930,267,731	788,664,462
Due from Affiliates	187,274,289	95,583,016
Other Assets	493,265,075	459,639,011
Total Assets	\$ 30,011,078,824	\$ 28,729,165,335
<b>Liabilities and Policyholders' Surplus</b>		
<b>Liabilities:</b>		
Loss and LAE Reserves	\$ 14,244,436,264	\$ 14,401,632,170
Unearned Premium Reserve	4,159,670,241	4,066,273,586
Funds Held with Reinsurers	212,412,675	218,214,563
Loss In Course of Payment	408,170,112	353,274,509
Commission Reserve	64,038,359	63,749,920
Federal Income Tax Payable	16,190,044	47,352,138
Remittances and Items Unallocated	196,410,982	69,677,903
Payable to parent, subs and affiliates	57,540,814	92,111,683
Provision for Reinsurance	66,649,220	60,498,188
Ceded Reinsurance Premiums Payable	551,510,878	278,235,370
Securities Lending Collateral Liability	225,335,750	120,821,061
Other Liabilities	2,166,453,164	1,938,544,837
Total Liabilities	\$ 22,368,818,502	\$ 21,710,385,928
<b>Policyholders' Surplus:</b>		
Common Capital Stock	\$ 5,000,000	\$ 5,000,000
Paid-In and Contributed Surplus	4,394,131,321	4,394,131,320
Surplus Notes	430,000,000	883,000,000
Special Surplus Funds	43,259,000	396,438,437
Cumulative Unrealized Gain	331,857,594	209,454,958
Unassigned Surplus	2,438,012,408	1,130,754,692
Total Policyholders' Surplus	\$ 7,642,260,323	\$ 7,018,779,407
Total Liabilities and Policyholders' Surplus	\$ 30,011,078,824	\$ 28,729,165,335

I, Dennis F. Kerrigan, Corporate Secretary of ZURICH AMERICAN INSURANCE COMPANY do hereby certify that the foregoing statement is a correct exhibit of the assets and liabilities of the said Company, on the 31st day of December, 2012, according to the best of my information, knowledge and belief.

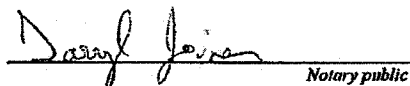
  
 \_\_\_\_\_  
 Corporate Secretary

State of Illinois  
 County of Cook

} SS:

Subscribed and sworn to, before me, a Notary Public of the State of Illinois, in the City of Schaumburg, this 15th day of March, 2013.



  
 \_\_\_\_\_  
 Notary public

**THIS POWER OF ATTORNEY IS NOT VALID UNLESS IT IS PRINTED ON RED BACKGROUND.**

This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

Certificate No. 5970483

American Fire and Casualty Company  
The Ohio Casualty Insurance Company

Liberty Mutual Insurance Company  
West American Insurance Company

**POWER OF ATTORNEY**

KNOWN ALL PERSONS BY THESE PRESENTS: That American Fire & Casualty Company and The Ohio Casualty Insurance Company are corporations duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Andrea E. Gorbett; Anne Potter; Annette Leuschner; Beverly A. Woolford; David W. Rosehill; James E. Marran, Jr.; Nancy Schnee; Valorie Spates

all of the city of Jericho, state of NY each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 29th day of January, 2013



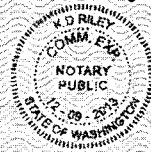
American Fire and Casualty Company  
The Ohio Casualty Insurance Company  
Liberty Mutual Insurance Company  
West American Insurance Company

By: Gregory W. Davenport  
Gregory W. Davenport, Assistant Secretary

STATE OF WASHINGTON  
COUNTY OF KING

On this 29th day of January, 2013, before me personally appeared Gregory W. Davenport, who acknowledged himself to be the Assistant Secretary of American Fire and Casualty Company, Liberty Mutual Insurance Company, The Ohio Casualty Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at Seattle, Washington, on the day and year first above written.



By: KD Riley  
KD Riley, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

**ARTICLE IV – OFFICERS – Section 12. Power of Attorney.** Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

**ARTICLE XIII – Execution of Contracts – SECTION 5. Surety Bonds and Undertakings.** Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

**Certificate of Designation –** The President of the Company, acting pursuant to the Bylaws of the Company, authorizes Gregory W. Davenport, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

**Authorization –** By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, David M. Carey, the undersigned, Assistant Secretary, of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

DEC 03 2013



By: David M. Carey  
David M. Carey, Assistant Secretary

Not valid for mortgage, note, loan, letter of credit, bank deposit, currency rate, interest rate or residual value guarantees.

To confirm the validity of this Power of Attorney call 1-610-832-8240 between 9:00 am and 4:30 pm EST on any business day.



LIBERTY MUTUAL INSURANCE COMPANY  
FINANCIAL STATEMENT — DECEMBER 31, 2012

<b>Assets</b>	<b>Liabilities</b>
Cash and Bank Deposits..... \$ 903,711,694	Unearned Premiums..... \$4,205,141,671
*Bonds — U.S Government..... 1,166,929,471	Reserve for Claims and Claims Expense..... 17,056,420,207
*Other Bonds..... 11,415,194,219	Funds Held Under Reinsurance Treaties..... 1,315,062,091
*Stocks..... 8,104,853,899	Reserve for Dividends to Policyholders..... 2,455,411
Real Estate..... 255,967,320	Additional Statutory Reserve..... 49,768,998
Agents' Balances or Uncollected Premiums..... 3,482,069,753	Reserve for Commissions, Taxes and Other Liabilities..... <u>3,066,051,537</u>
Accrued Interest and Rents..... 144,016,763	<b>Total</b> ..... <b>\$25,694,899,915</b>
Other Admitted Assets..... <u>14,732,623,458</u>	Special Surplus Funds..... \$604,621,497
<b>Total Admitted Assets</b> ..... <b><u>\$40,205,366,577</u></b>	Capital Stock..... 10,000,000
	Paid in Surplus..... 7,899,471,886
	Unassigned Surplus..... 5,996,373,279
	Surplus to Policyholders..... <u>14,510,466,662</u>
	<b>Total Liabilities and Surplus</b> ..... <b><u>\$40,205,366,577</u></b>



\* Bonds are stated at amortized or investment value; Stocks at Association Market Values.  
The foregoing financial information is taken from Liberty Mutual Insurance Company's financial statement filed with the state of Massachusetts Department of Insurance.

I, TIM MIKOLAJEWSKI, Assistant Secretary of Liberty Mutual Insurance Company, do hereby certify that the foregoing is a true, and correct statement of the Assets and Liabilities of said Corporation, as of December 31, 2012, to the best of my knowledge and belief.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of said Corporation at Seattle, Washington, this 25th day of March, 2013.

*T. Mikolajewski*

\_\_\_\_\_  
Assistant Secretary



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- Company Search
- Company Search Results
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- Reference Information
- NAIC Group List
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- Workers' Compensation
- Complaint and Request for Action/Appeals
- Contact Information

Financial Statements PDF's

- Annual Statements
- Quarterly Statements
- Company Complaint
- Company Performance & Comparison Data
- Company Enforcement Action
- Composite Complaints Studies

Additional Info

- Find A Company Representative In Your Area
- View Financial Disclaimer

**COMPANY PROFILE**

**Company Information**

**TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA**  
**ONE TOWER SQUARE**  
**HARTFORD, CT 06183**

Old Company Names	Effective Date
AETNA CASUALTY & SURETY COMPANY OF AMERICA	07/01/1997

**Agent For Service**

KAREN HARRIS  
 C/O CORPORATION SERVICE COMPANY  
 2710 GATEWAY OAKS DRIVE, SUITE 150N  
 SACRAMENTO CA 95833-3505

**Reference Information**

NAIC #:	31194
California Company ID #:	2444-8
Date Authorized in California:	07/31/1981
License Status:	UNLIMITED-NORMAL
Company Type:	Property & Casualty
State of Domicile:	CONNECTICUT

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**NAIC Group List**

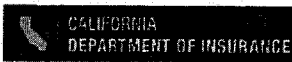
NAIC Group #: 3548 Travelers Grp

**Lines Of Business**

The company is authorized to transact business within these lines of insurance. For an explanation of any of these terms, please refer to the glossary.

- AIRCRAFT
- AUTOMOBILE
- BOILER AND MACHINERY
- BURGLARY
- COMMON CARRIER LIABILITY
- CREDIT
- DISABILITY
- FIRE
- LIABILITY
- MARINE
- MISCELLANEOUS
- PLATE GLASS
- SPRINKLER
- SURETY
- TEAM AND VEHICLE
- WORKERS' COMPENSATION

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- View Financial Disclaimer

**COMPANY PROFILE**

**Company Information**

**ZURICH AMERICAN INSURANCE COMPANY**  
**1400 AMERICAN LANE**  
**SCHAUMBURG, IL 60196-1056**  
**800-382-2150**

**Old Company Names** **Effective Date**

**Agent For Service**

KAREN HARRIS  
 C/O CORPORATION SERVICE COMPANY  
 2710 GATEWAY OAKS DRIVE, SUITE 150N  
 SACRAMENTO CA 95833-3505

**Reference Information**

NAIC #:	16535
California Company ID #:	4581-5
Date Authorized in California:	01/01/1999
License Status:	UNLIMITED-NORMAL
Company Type:	Property & Casualty
State of Domicile:	NEW YORK

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**NAIC Group List**

NAIC Group #: 0212 ZURICH INS GRP

**Lines Of Business**

The company is authorized to transact business within these lines of insurance. For an explanation of any of these terms, please refer to the glossary.

- AIRCRAFT
- AUTOMOBILE
- BOILER AND MACHINERY
- BURGLARY
- COMMON CARRIER LIABILITY
- CREDIT
- DISABILITY
- FIRE
- LIABILITY
- MARINE
- MISCELLANEOUS
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**COMPANY PROFILE**

**Company Information**

**LIBERTY MUTUAL INSURANCE COMPANY**

**175 BERKELEY ST  
BOSTON, MA 02116  
800-526-1547**

**Old Company Names**

**Effective Date**

**Agent For Service**

KAREN HARRIS  
C/O CORPORATION SERVICE COMPANY  
2710 GATEWAY OAKS DRIVE, SUITE 150N  
SACRAMENTO CA 95833-3505

**Reference Information**

NAIC #:	23043
California Company ID #:	1022-3
Date Authorized in California:	08/30/1929
License Status:	UNLIMITED-NORMAL
Company Type:	Property & Casualty
State of Domicile:	MASSACHUSETTS

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**NAIC Group List**

NAIC Group #: 0111 LIBERTY MUT GRP

**Lines Of Business**

The company is authorized to transact business within these lines of insurance. For an explanation of any of these terms, please refer to the glossary.

- AIRCRAFT
- AUTOMOBILE
- BOILER AND MACHINERY
- BURGLARY
- COMMON CARRIER LIABILITY
- CREDIT
- DISABILITY
- FIRE
- LIABILITY
- MARINE
- MISCELLANEOUS
- PLATE GLASS
- SPRINKLER
- SURETY
- TEAM AND VEHICLE
- WORKERS' COMPENSATION

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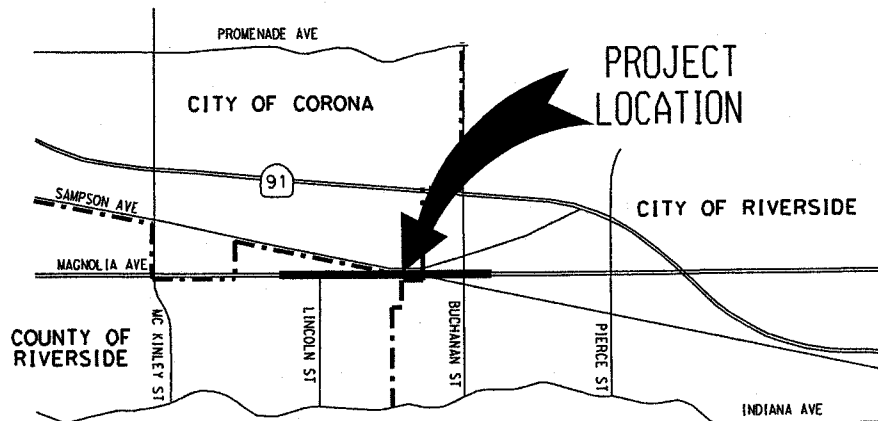
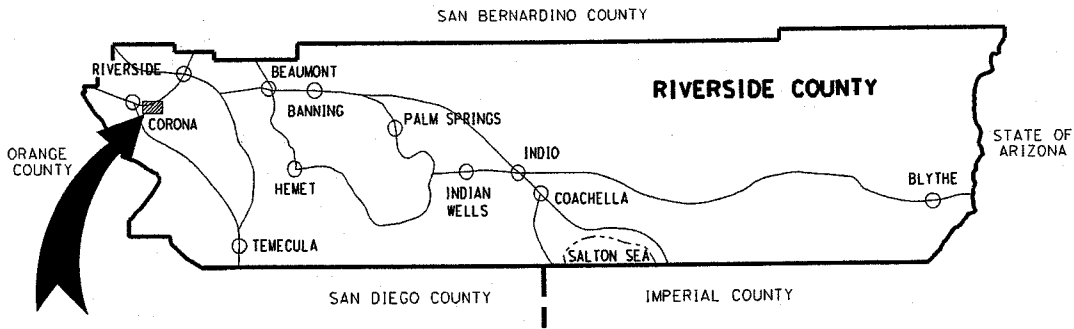
C O U N T Y   O F   R I V E R S I D E  
T R A N S P O R T A T I O N   D E P A R T M E N T

**MAGNOLIA AVENUE/BNSF RAILWAY  
GRADE SEPARATION PROJECT**

**BETWEEN LINCOLN STREET AND BUCHANAN STREET  
IN THE CITY OF RIVERSIDE AND HOME GARDENS AREA**

**PROJECT No. B7-0784**

**FEDERAL AID No. - TCIFCML-5956 (193)**



**VICINITY MAP**

**SECTIONS 22 & 27, TOWNSHIP 35 RANGE 6W  
COUNTY ROAD BOOK PAGE No. 23A**

# Attachment "A"

## Riverside County Transportation Department

Project: **Magnolia Ave: Lincoln St to Buchanan St**

Project No.(s): **B7-0784**

### PROJECT BUDGET AND EXPENSES

November 6, 2013

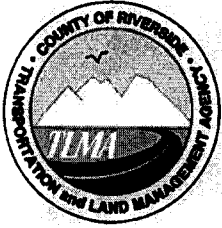
ACTIVITY	EXPENSES			BUDGET	
	INCURRED	PROJECTED	TOTAL	EXISTING	PROPOSED
Preliminary Survey	302,843	157	303,000	261,000	303,000
Environmental	247,381	2,619	250,000	263,000	250,000
Design	3,450,507	549,493	4,000,000	3,338,000	4,000,000
Right-of-way	3,722,070	277,930	4,000,000	1,858,000	4,000,000
Utilities	1,670	1,881,330	1,883,000	1,583,000	1,883,000
Construction		34,167,522	34,167,522		
Construction Contingency 10.0%		3,416,752	3,416,752	38,716,000	39,313,000
Construction (RR Track & Sig \$1.71M & Sup \$19.2K)		1,729,200	1,729,200		
Construction Engineering & Inspection 10.2%		3,850,000	3,850,000	3,850,000	4,300,000
Construction Survey 3.3%		1,250,000	1,250,000	1,250,000	1,600,000
<b>Totals:</b>	<b>7,724,471</b>	<b>47,125,004</b>	<b>54,849,475</b>	<b>51,119,000</b>	<b>55,649,000</b>

### PROJECT FUNDING

CODE	NAME	BUDGET	
		EXISTING	PROPOSED
103	CMAQ	16,400,000	16,400,000
108	STP - Discretionary		4,350,000
201	Proposition 111 (gas tax)	2,000	2,000
215	Proposition 1B (State bond funds- Local Roads)	1,200,000	1,200,000
217	Prop. 1B - Trade Corridor Improv. Funds	13,700,000	17,463,000
221	Gas Tax (ABX8-9 New HUTA)		975,000
234	LTF Rail Funds	1,430,000	1,430,000
253	Grade Separation Program/ PUC Section 190	5,000,000	
300	Measure A/Western	406,000	406,000
344	TUMF - Northwest zone (WRCOG)	3,148,000	10,348,000
990	Miscellaneous (BNSF)	4,088,000	1,455,000
990	Miscellaneous (Home Gardens Sanitary District)	4,088,000	102,000
	RCTC	500,000	
	Utility Companies (Funds not passing through RCTD)		1,518,000
999	Unfunded	5,245,000	
<b>Totals</b>		<b>55,207,000</b>	<b>55,649,000</b>

### COMMENTS

County has applied for and expects to receive \$5M in PUC 190 funds, however, said funds are not currently available so the funds will temporarily be backfilled by TUMF (\$4.6M) and Gas Tax (\$975K). The TUMF & \$400K of Gas Tax will be reimbursed by PUC funds when they become available.



# COUNTY OF RIVERSIDE TRANSPORTATION AND LAND MANAGEMENT AGENCY



Juan C. Perez, P.E., T.E.  
Director

Patricia Romo, P.E.  
Assistant Director

## Transportation Department

### ADDENDUM NUMBER 1

Dated October 2, 2013

to the  
Specifications and Contract Documents  
for the construction of

Magnolia Avenue / BNSF Railway  
Grade Separation Project  
Between Lincoln Street and Buchanan Street  
In the City of Riverside and Home Gardens area

Project No. B7-0784, Federal Aid No. TCIFCML-5956(193)

Bids Due: (REVISED)  
Wednesday, October 23, 2013; 2:00 p.m.  
14<sup>th</sup> Street Transportation Annex  
3525 14<sup>th</sup> Street; Riverside, CA 92501  
(951) 955-6780

This Addendum is issued pursuant to the Instructions to Bidders, Item No. 8, of the Contract Documents for the reference project. This Addendum is issued as a supplement to the specification and special provisions for the referenced project. The revisions to the specifications shall become a part of the Contract Documents, and each bidder shall acknowledge receipt thereof on the Contractor's Proposal. Bidders are directed to sign this addendum as acknowledged, and attach the signed addendum to the contractor's submitted proposal.

Note: During the advertisement period of this project, this document and attachments (if any) are available upon request at the office of the Transportation Department, and are available as a free download at the Transportation Department's website:

[http://www.rctlma.org/trans/con\\_bid\\_advertisements.html](http://www.rctlma.org/trans/con_bid_advertisements.html)

### MODIFICATIONS / CLARIFICATIONS TO SPECIAL PROVISIONS:

Item 1: The new designated date and time for the receipt and opening of bids is revised as follows:

Wednesday, October 23, 2013; 2:00 p.m.  
14<sup>th</sup> Street Transportation Annex  
3525 14<sup>th</sup> Street; Riverside, CA 92501  
(951) 955-6780

**Item 2: Insurance Correction.** Refer to General Conditions item 4, "Insurance and Hold Harmless" Subsection D, "Automobile Liability" on page GC 7. Delete the first and second paragraphs and replace them with the following paragraph:

"Contractor shall maintain liability insurance for any auto, all owned, non-owned and hired vehicles so used in an amount not less than \$1,000,000 per occurrence combined single limit. If such insurance contains a general aggregate limit, it shall apply separately to the Contract or be no less than two (2) times the occurrence limit."

Prepared by: \_\_\_\_\_

  
Joel Jimenez, PE; Senior Civil Engineer; Contracts/Bidding Unit

Acknowledged: \_\_\_\_\_ Date: \_\_\_\_\_  
(Contractor)

JRJ:jrj:sb

Note: Refer to Instruction to Bidders Item No. 8, "Addenda". Submission of all pages and attachments of addendum are not necessary for Bid submittal. Submittal of this acknowledgement page is adequate for Bid reception. Bidders are reminded to list addendum number(s) received on the first page of the Bid form (Proposal).

Form 11 Attachment

Contract/Lease/Purchase Summary Data

Contract (for Services)

- Approval/Renewal
- Sole Source
- Personal Services
- Independent Contractor
- Other than Low Bid
- Change Order
- Public Works

Lease

- Approval/Renewal
- Multi-Year Lease
- Equipment
- Real Property
- Change Order

Purchase (for Materials)

- Sole Source
- Other than Low Bid
- Change Order

Selection Committee Member Names (RFP's Only)

User Department:	Transportation Department
------------------	---------------------------

N/A

Vendor/Lessor Name:	OHL USA, Inc.
---------------------	---------------

Minority Status:

M  W  DV  None

Vendor/Lessor Location:	Irvine, Ca.
-------------------------	-------------

Local Preference Applied:  Yes  No  N/A

Local Preference Award Cost \$ (5% maximum preference)

Local Preference FYTD: Cost \$ # of Orders

Applicable Board Policy #

Comments:

RFQ/RFP Process:

Date Mailed:  
 Response Date:  
 # of Responses:  
 # of Qualified Responses:

Bidding Process:

Bid Range: \$34,167,522.42 to \$38,039,989.30  
 Local Bid Range: N/A  
 Responsive and Responsible Bid Range: \$34,167,522.42 to \$38,039,989.30

Contract/Lease Renewals Only

Existing Agreement Items

Proposed Agreement Items

1. Rates
2. Terms
3. Conditions
4. Legal Issues
5. Accountability
6. Utilities

(continue on blank sheet if necessary)

NOTE: COMPETITIVELY BID PUBLIC WORKS CONTRACT

**Riverside County Transportation Department  
Summary of Bids**

Advertised: September 10, 2013 (Agenda Item: 3-94)  
 Addenda: 1 (10/2/2013), 2 (10/17/2013)  
 Bids Open: 2 pm Date: Wednesday, October 23, 2013

**PROJECT:**  
 Magnolia Avenue/BNSF Railway Grade Separation Project  
 between Lincoln Street and Buchanan Street in the City of  
 Riverside and Home Gardens area  
**PROJECT No. B7-0784, Federal Aid No. TCIFCML - 5956(193)**

	Company Name	Base Bid Subtotal	Alternate Bid Subtotal	Total
	COUNTY'S ESTIMATE	35,258,526.75	30,360.00	\$35,288,886.75
1	OHL USA, Inc.	34,082,306.42	85,216.00	\$34,167,522.42
2	Skanska USA Civil West CA Dist.	34,699,006.94	28,005.00	\$34,727,011.94
3	Griffith Company	35,213,159.31	51,710.00	\$35,264,869.31
4	M.C.M. Construction	36,264,456.90	41,888.00	\$36,306,344.90
5	USS Cal Builders	37,181,839.71	65,396.00	\$37,247,235.71
6	Steve P. Rados, Inc.	37,998,089.30	41,900.00	\$38,039,989.30
	<b>Average Bid Prices</b>	<b>\$35,906,476.43</b>	<b>\$52,352.50</b>	<b>\$35,958,828.93</b>

**Riverside County Transportation Department  
Summary of Bids**

**PROJECT:** Magnolia Avenue/BNSF Railway Grade Separation Project  
between Lincoln Street and Buchanan Street in the City of  
Riverside and Home Gardens area

Advertised: September 10, 2013 (Agenda Item: 3-94)  
Addenda: 1 (10/2/2013), 2 (10/17/2013)  
Bids Open: 2 pm Date: Wednesday, October 23, 2013

**PROJECT No. B7-0784, Federal Aid No. TCIFCML - 5956(193)**

BASE BID		COUNTY'S ESTIMATE				OHL USA, Inc. Irvine, CA 92614		
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID UNIT PRICE	BID ESTIMATE
1	015602	FUNDING AWARENESS SIGN	EA	2	700.00	1,400.00	1,200.00	2,400.00
2	019902	COURSE OF CONSTRUCTION INSURANCE	LS	1	100,000.00	100,000.00	50,000.00	50,000.00
3	066105	RESIDENT ENGINEERS OFFICE	LS	1	50,000.00	50,000.00	50,000.00	50,000.00
4	070012	PROGRESS SCHEDULE (CRITICAL PATH METHOD)	LS	1	8,000.00	8,000.00	8,000.00	8,000.00
5	074016	CONSTRUCTION SITE MANAGEMENT	LS	1	316,600.00	316,600.00	40,000.00	40,000.00
6	066102	DUST ABATEMENT	LS	1	10,000.00	10,000.00	50,000.00	50,000.00
7	148005	NOISE MONITORING	LS	1	15,000.00	15,000.00	20,000.00	20,000.00
8	170101	DEVELOP WATER SUPPLY	LS	1	36,000.00	36,000.00	35,000.00	35,000.00
9	190110	LEAD COMPLIANCE PLAN	LS	1	3,500.00	3,500.00	1,500.00	1,500.00
10	760090	MOBILIZATION, DEMOBILIZATION AND FINAL CLEANUP	LS	1	1,750,000.00	1,750,000.00	1,750,000.00	1,750,000.00
11	074019	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	1	9,500.00	9,500.00	2,000.00	2,000.00
12	074020	WATER POLLUTION CONTROL	LS	1	82,500.00	82,500.00	82,500.00	82,500.00
13	120090	CONSTRUCTION AREA SIGNS	LS	1	66,200.00	66,200.00	40,000.00	40,000.00
14	120110	FLASHING ARROW SIGN	EA	9	700.00	7,000.00	3,500.00	31,500.00
15	120120	TYPE III BARRICADE	EA	74	100.00	7,400.00	85.00	6,290.00
16	120149	TEMPORARY PAVEMENT MARKING (PAINT)	SQFT	1,610	3.50	5,635.00	2.00	3,220.00
17	120159	TEMPORARY TRAFFIC STRIPE (PAINT)	LF	28,880	0.60	17,328.00	0.65	18,772.00
18	120165	CHANNELIZER (SURFACE MOUNTED)	EA	810	25.00	20,250.00	20.00	16,200.00
19	120300	TEMPORARY PAVEMENT MARKER	EA	320	5.00	1,600.00	5.00	1,600.00
20	128650	PORTABLE CHANGEABLE MESSAGE SIGN	EA	2	3,300.00	6,600.00	10,000.00	20,000.00
21	129000	TEMPORARY RAILING (TYPE K)	EA	2	11.00	22.00	15.00	30.00
22	129100	TEMPORARY CRASH CUSHION MODULE (TS11)	EA	220	350.00	77,000.00	200.00	44,000.00
23	129110	TEMPORARY CRASH CUSHION (ABSORB 350)	EA	6	350.00	2,100.00	9,000.00	54,000.00
24	129150	TEMPORARY TRAFFIC SCREEN	LF	8,200	3.00	24,600.00	6.00	49,200.00
25	833077	PEDESTRIAN BARRICADE (ROADSIDE SIGN)	EA	2	500.00	1,000.00	75.00	150.00
26	860400	LIGHTING (TEMPORARY)	EA	1	63,800.00	63,800.00	125,000.00	125,000.00
27	160101	CLEARING AND GRUBBING (SEE SPECIAL PROVISIONS FOR ADDITIONAL WORK)	EA	1	45,000.00	45,000.00	45,000.00	45,000.00
28	151251	SALVAGE IRRIGATION FACILITY	EA	1	2,000.00	2,000.00	5,500.00	5,500.00
29	151281	SALVAGE ROADSIDE SIGN	EA	5	200.00	1,000.00	70.00	350.00
30	011511(F)	REMOVE MISCELLANEOUS ITEMS (BUMPER POLE)	EA	5	90.00	450.00	75.00	375.00
31	011511(F)	REMOVE MISCELLANEOUS ITEMS (BLOCK PLANTER WALL)	EA	43	10.00	430.00	100.00	4,300.00
32	011511	REMOVE MISCELLANEOUS ITEMS (PARKING BUMPER)	EA	30	43.00	1,290.00	5.00	150.00
33	000003	REMOVE MASONRY WALL	EA	37	40.00	1,480.00	75.00	2,775.00
34	141101(F)	REMOVE YELLOW PAINTED TRAFFIC STRIPE (HAZARDOUS WASTE)	EA	1,639	2.70	4,425.30	4.00	6,556.00
35	150605	REMOVE FENCE (WROUGHT IRON FENCE AND GATE)	EA	70	10.00	700.00	25.00	1,750.00
36	150608	REMOVE CHAIN LINK FENCE	EA	120	4.50	540.00	10.00	1,200.00
37	150662	REMOVE METAL BEAM GUARD RAILING	EA	640	12.00	7,680.00	15.00	9,600.00
38	150711(F)	REMOVE PAINTED TRAFFIC STRIPE	EA	7,474	0.75	5,605.50	1.25	9,342.50
39	150829	REMOVE RETAINING WALL	EA	70	40.00	2,800.00	100.00	7,000.00

**Riverside County Transportation Department  
Summary of Bids**

**PROJECT:** Magnolia Avenue/BNSF Railway Grade Separation Project  
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PROJECT No. B7-0784, Federal Aid No. TCIFCML - 5956(193)

BASE BID (continued)		COUNTY'S ESTIMATE				OHL USA, Inc. Irvine, CA 92614		
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID UNIT PRICE	BID ESTIMATE
40	150805	REMOVE CULVERT	LF	70	30.00	2,100.00	120.00	8,400.00
41	150807	REMOVE STORM DRAIN [12"]	LF	21	30.00	630.00	90.00	1,890.00
42	150807	REMOVE STORM DRAIN [15"]	LF	81	30.00	2,430.00	32.00	2,592.00
43	150807	REMOVE STORM DRAIN [18"]	LF	590	30.00	17,700.00	30.00	17,700.00
44	150807	REMOVE STORM DRAIN [21"]	LF	150	30.00	4,500.00	42.00	6,300.00
45	150807	REMOVE STORM DRAIN [33"]	LF	38	30.00	1,140.00	90.00	3,420.00
46	150807	REMOVE STORM DRAIN [18" ASBESTOS]	LF	144	100.00	14,400.00	50.00	7,200.00
47	150821	REMOVE HEADWALL [EXISTING]	EA	4	570.00	2,280.00	1,000.00	4,000.00
48	150826	REMOVE MANHOLE [EXISTING]	EA	1	1,200.00	1,200.00	2,500.00	2,500.00
49	150827	REMOVE CATCH BASIN [EXISTING]	EA	9	800.00	7,200.00	1,600.00	14,400.00
50	153120(F)	REMOVE CONCRETE (DITCH)	LF	1,980	9.00	17,820.00	1.50	2,970.00
51	153140(F)	REMOVE CONCRETE SIDEWALK	SQYD	1,488	36.00	53,568.00	2.80	4,166.40
52	153210	REMOVE CONCRETE [PAVERS]	SQYD	500	36.00	18,000.00	3.60	1,800.00
53	153210	REMOVE CONCRETE [ACCESS RAMP]	SQYD	260	36.00	9,360.00	6.50	1,690.00
54	153210	REMOVE CONCRETE [DRIVEWAY AND APPROACH]	SQYD	420	36.00	15,120.00	6.00	2,520.00
55	153210	REMOVE CONCRETE [CROSS GUTTER AND SPANDRAL]	SQYD	200	36.00	7,200.00	8.00	1,600.00
56	153210	REMOVE CONCRETE [PLASTER]	EA	400	400.00	160,000.00	340.00	340.00
57	153210	REMOVE CONCRETE [STAMPED]	SQYD	6,150	10.00	61,500.00	1.65	10,147.50
58	153130	REMOVE CONCRETE CURB	LF	3,920	5.00	19,600.00	1.50	5,880.00
59	153215(F)	REMOVE CONCRETE (CURB AND GUTTER)	LF	9,313	10.00	93,130.00	1.74	16,204.62
60	150846	REMOVE CONCRETE PAVEMENT	CY	1,700	25.00	42,500.00	36.00	61,200.00
61	150769(F)	REMOVE ASPHALT CONCRETE	CY	5,045	49.00	247,205.00	27.00	136,215.00
62	150769	REMOVE ASPHALT CONCRETE [WALKWAY]	CY	250	54.00	13,500.00	25.00	6,250.00
63	150771	REMOVE ASPHALT CONCRETE DIKE	LF	660	4.00	2,640.00	1.15	759.00
64	153121	REMOVE CONCRETE	CY	6	300.00	1,800.00	300.00	1,800.00
65	160120(F)	REMOVE TREE	EA	190	800.00	152,000.00	190.00	36,100.00
66	160120(F)	REMOVE TREE (PALM)	EA	32	1,800.00	57,600.00	1,100.00	35,200.00
67	152255	RESET MAILBOX	EA	4	250.00	1,000.00	150.00	600.00
68	152379	RELOCATE FENCE [WROUGHT IRON FENCE AND GATE]	LF	60	35.00	2,100.00	240.00	14,400.00
69	152379	RELOCATE FENCE [CHAIN LINK FENCE AND GATE]	LF	560	35.00	19,600.00	18.00	10,080.00
70	152390	RELOCATE ROADSIDE SIGN	EA	10	200.00	2,000.00	75.00	750.00
71	152394	RELOCATE SIGN STRUCTURE	EA	2	5,000.00	10,000.00	12,000.00	24,000.00
72	150206	ABANDON CULVERT	LF	720	28.00	20,160.00	10.00	7,200.00
73	155003(F)	CAP INLET	EA	2	1,300.00	2,600.00	650.00	1,300.00
74	152440	ADJUST MANHOLE TO GRADE	EA	6	500.00	3,000.00	4,500.00	27,000.00
75	000003(F)	CLEANOUT BOX (CITY 425)	EA	1	1,500.00	1,500.00	2,500.00	2,500.00
76	000003	GRATING CATCH BASIN (W=6.40', SPPWC 304-3)	EA	4	4,500.00	18,000.00	7,000.00	28,000.00
77	000003	GRATING CATCH BASIN (W=2.95', SPPWC 304-3)	EA	1	3,000.00	3,000.00	7,000.00	7,000.00
78	000003	PRECAST CATCH BASIN (2' X 2')	EA	1	2,500.00	2,500.00	3,000.00	3,000.00



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between Lincoln Street and Buchanan Street in the City of  
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**PROJECT No. B7-0784, Federal Aid No. TCIFCML - 5956(193)**

BASE BID (continued)		COUNTY'S ESTIMATE				OHL USA, Inc. Irvine, CA 92614		
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID UNIT PRICE	BID ESTIMATE
79	000003	TRANSITION STRUCTURE RCB-PIPE (SPPWC 342-2)	EA	2	2,500.00	5,000.00	18,000.00	36,000.00
80	000003	JUNCTION STRUCTURE (CITY 422)	EA	1	5,600.00	5,600.00	1,600.00	1,600.00
81	703203	CORRUGATED STEEL PIPE RISER (.138" THICK)	EA	1	4,100.00	4,100.00	1,900.00	1,900.00
82	000003(F)	PRECAST CONCRETE PIPE INLET (CALTRANS D75B)	EA	2	5,400.00	10,800.00	2,400.00	4,800.00
83	000003(F)	DETENTION BASIN EXCAVATION	CY	352	40.00	14,080.00	12.00	4,224.00
84	013902	ASPHALT CONCRETE OVERSIDE DRAIN (CRS 306)	EA	2	800.00	1,600.00	2,200.00	4,400.00
85	015101	CLASS B CONCRETE COLLAR (RCFC&WCDS M803)	EA	4	1,300.00	5,200.00	550.00	2,200.00
86	017003	CATCH BASIN (CURB INLET) (CRS 300) [W=21]	EA	1	10,000.00	10,000.00	4,700.00	4,700.00
87	017003	CATCH BASIN (CURB INLET) (CRS 300) [W=14]	EA	1	8,000.00	8,000.00	4,100.00	4,100.00
88	017003	CATCH BASIN (CURB INLET) (CRS 300) [W=7]	EA	1	5,000.00	5,000.00	3,000.00	3,000.00
89	017003	CATCH BASIN (CURB INLET) (CRS 300) [W=4]	EA	3	4,000.00	12,000.00	2,000.00	6,000.00
90	000001	ITEM DELETED BY ADDENDUM						
91	017005	CATCH BASIN (COMBINATION INLET) (CRS 302 - NO.2) [W=6.40]	EA	2	4,500.00	9,000.00	3,600.00	7,200.00
92	017101	MANHOLE (RCFC&WCDS MH251)	EA	2	6,900.00	13,800.00	8,600.00	17,200.00
93	017105	JUNCTION STRUCTURE (RCFC&WCDS JS 227)	EA	6	5,600.00	33,600.00	1,100.00	6,600.00
94	017110	MANHOLE (RCFC&WCDS MH254) [NO.4]	EA	1	6,500.00	6,500.00	8,600.00	8,600.00
95	017111	JUNCTION STRUCTURE (RCFC&WCDS JS 228)	EA	1	5,600.00	5,600.00	1,100.00	1,100.00
96	510090(F)	STRUCTURAL CONCRETE, BOX CULVERT [CALTRANS D80] (3' X 1.5')	LF	58	180.00	10,440.00	665.00	38,570.00
97	510501(F)	MINOR CONCRETE [BULKHEAD]	EA	16	2,000.00	32,000.00	1,100.00	17,600.00
98	510501(F)	MINOR CONCRETE [INLET DEPRESSION] (CALTRANS D78C)	CY	4	650.00	2,600.00	650.00	2,600.00
99	510535(F)	MINOR CONCRETE (HEADWALL)	EA	1	2,500.00	2,500.00	2,400.00	2,400.00
100	620800(F)	CONCRETE BACKFILL (PIPE TRENCH)	CY	2	250.00	500.00	225.00	450.00
101	650014	18" REINFORCED CONCRETE PIPE	LF	580	100.00	58,000.00	81.00	46,980.00
102	650018	24" REINFORCED CONCRETE PIPE	LF	1,500	150.00	225,000.00	78.00	117,000.00
103	650026	36" REINFORCED CONCRETE PIPE	LF	660	200.00	132,000.00	113.00	74,580.00
104	700617	DRAINAGE INLET MARKER	EA	19	90.00	1,710.00	25.00	475.00
105	703514	8" WELDED STEEL PIPE (.105" THICK)	LF	62	75.00	4,650.00	88.00	5,456.00
106	705204(F)	18" CONCRETE FLARED END SECTION	EA	1	1,800.00	1,800.00	1,400.00	1,400.00
107	709904	CATCH BASIN [TYPE 1] (CITY 400) [W=14]	EA	3	8,000.00	24,000.00	4,600.00	13,800.00
108	709904	CATCH BASIN [CITY 407] [W=14]	EA	1	8,000.00	8,000.00	6,000.00	6,000.00
109	719300	MANHOLE [CITY 431]	EA	3	6,900.00	20,700.00	9,500.00	28,500.00
110	721011(F)	ROCK SLOPE PROTECTION (BACKING NO. 2, METHOD B)	CY	38	211.00	8,018.00	142.00	5,396.00
111	721420	CONCRETE (DITCH LINING)	CY	13	460.00	5,980.00	790.00	10,270.00
112	721431	CONCRETE (CONCRETE APRON)	CY	1	580.00	580.00	1,375.00	1,375.00
113	731507(F)	MINOR CONCRETE (GUTTER DEPRESSION) (CRS 311)	CY	13	650.00	8,450.00	640.00	8,320.00
114	731507(F)	MINOR CONCRETE (GUTTER DEPRESSION) (CRS 312)	CY	1	650.00	650.00	1,100.00	1,100.00
115	192003(F)	STRUCTURE EXCAVATION (BRIDGE)	CY	1,558	65.00	101,270.00	75.00	116,850.00
116	192037(F)	STRUCTURE EXCAVATION (RETAINING WALL)	CY	570	70.00	39,900.00	75.00	42,750.00
117	193003(F)	STRUCTURE BACKFILL (BRIDGE)	CY	1,227	50.00	61,350.00	50.00	61,350.00

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BASE BID (continued)		COUNTY'S ESTIMATE		OHL USA, Inc. Irvine, CA 92614				
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID UNIT PRICE	BID ESTIMATE
118	193013(F)	STRUCTURE BACKFILL (RETAINING WALL)	CY	624	75.00	46,800.00	50.00	31,200.00
119	198010(F)	IMPORTED BORROW	CY	10,785	20.00	215,700.00	11.00	118,635.00
120	000003	CITRUS LABEL TILES	EA	23	5,500.00	126,500.00	5,850.00	134,550.00
121	000003	INTERPRETIVE PANEL TILES	EA	10	16,500.00	165,000.00	1,275.00	12,750.00
122	151509	RECONSTRUCT DRAINAGE FACILITY (ARLINGTON CHANNEL WALL AT CIDH PILE )	LS	1	89,000.00	89,000.00	60,000.00	60,000.00
123	000003	POST GROUTING CIDH PILE	EA	7	40,000.00	280,000.00	10,000.00	70,000.00
124	151509	RECONSTRUCT DRAINAGE FACILITY (ARLINGTON CHANNEL UC AT TEMP BRIDGE)	LS	1	14,000.00	14,000.00	30,000.00	30,000.00
125	151540	RECONSTRUCT CHAIN LINK FENCE	LF	87	40.00	3,480.00	50.00	4,350.00
126	477020	MECHANICALLY STABILIZED EMBANKMENT (TEMPORARY RETAINING WALL)	SQFT	4,530	32.00	144,960.00	20.00	90,600.00
127	477021(F)	MECHANICALLY STABILIZED EMBANKMENT, LOCATION A	SQFT	8,658	65.00	562,770.00	38.00	329,004.00
128	477022(F)	MECHANICALLY STABILIZED EMBANKMENT, LOCATION B	SQFT	8,226	60.00	493,560.00	38.00	312,588.00
129	477023(F)	MECHANICALLY STABILIZED EMBANKMENT, LOCATION C	SQFT	1,704	60.00	102,240.00	38.00	64,752.00
130	480600	TEMPORARY SHORING (ARLINGTON CHANNEL WALL)	LS	1	337,800.00	337,800.00	250,000.00	250,000.00
131	490508	FURNISH STEEL PILING (HP 10 X 57)	LF	253	30.00	7,590.00	45.00	11,385.00
132	490509	DRIVE STEEL PILE (HP 10 X 57)	EA	10	1,100.00	11,000.00	1,500.00	15,000.00
133	490528	FURNISH STEEL PILING (HP 14 X 89)	LF	4,364	60.00	261,840.00	45.00	196,380.00
134	490529	DRIVE STEEL PILE (HP 14 X 89)	EA	115	1,350.00	155,250.00	1,500.00	172,500.00
135	490623	156" CAST-IN-DRILLED-HOLE CONCRETE PILING	LF	1,519	2,200.00	3,341,800.00	2,650.00	4,025,350.00
136	500001	PRESTRESSING CAST-IN-PLACE CONCRETE (LONGITUDINAL)	LS	1	974,000.00	974,000.00	395,000.00	395,000.00
137	500001	PRESTRESSING CAST-IN-PLACE CONCRETE (TRANSVERSE)	LS	1	364,000.00	364,000.00	687,000.00	687,000.00
138	510050(F)	STRUCTURAL CONCRETE (SIDEWALK SLAB)	CY	65	500.00	32,500.00	850.00	55,250.00
139	510051(F)	STRUCTURAL CONCRETE, BRIDGE FOOTING	CY	314	350.00	109,900.00	300.00	94,200.00
140	510053(F)	STRUCTURAL CONCRETE, BRIDGE	CY	13,315	650.00	8,654,750.00	770.00	10,252,550.00
141	510060(F)	STRUCTURAL CONCRETE, RETAINING WALL	CY	245	490.00	120,050.00	500.00	122,500.00
142	510072(F)	STRUCTURAL CONCRETE, BARRIER SLAB	CY	516	400.00	206,400.00	500.00	258,000.00
143	510086(F)	STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N)	CY	197	600.00	118,200.00	550.00	108,350.00
144	511035(F)	ARCHITECTURAL TREATMENT	SQFT	4,090	20.00	81,800.00	22.00	89,980.00
145	511047(F)	ANTI-GRAFFITI COATING	SQFT	69,820	2.00	139,640.00	1.00	69,820.00
146	518051	PTFE SPHERICAL BEARING (HINGE)	EA	7	5,500.00	38,500.00	6,500.00	45,500.00
147	518051	PTFE SPHERICAL BEARING (ABUTMENT 11)	EA	7	6,100.00	42,700.00	5,300.00	37,100.00
148	519089	JOINT SEAL ASSEMBLY (MR 10 1/2")	LF	77	1,350.00	103,950.00	1,600.00	123,200.00
149	519095	JOINT SEAL ASSEMBLY (MR 4")	LF	75	225.00	16,875.00	215.00	16,125.00
150	519109	JOINT SEAL ASSEMBLY (MR 6 1/2")	LF	79	650.00	51,350.00	235.00	18,565.00
151	520102(F)	BAR REINFORCING STEEL (BRIDGE)	LB	4,857,853	0.85	4,129,175.05	0.80	3,886,282.40
152	520103(F)	BAR REINFORCING STEEL (RETAINING WALL)	LB	26,368	0.80	21,094.40	1.25	32,960.00
153	550102(F)	STRUCTURAL STEEL (BRIDGE)	LB	27,089	15.00	406,035.00	7.00	189,483.00
154	550203(F)	FURNISH STRUCTURAL STEEL (BRIDGE)	LB	22,497	3.00	67,491.00	4.00	89,988.00
155	550204(F)	ERECT STRUCTURAL STEEL (BRIDGE)	LB	22,497	15.00	337,455.00	0.50	11,248.50
156	590115	CLEAN AND PAINT STRUCTURAL STEEL	LS	1	44,500.00	44,500.00	15,000.00	15,000.00

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BASE BID (continued)		COUNTY'S ESTIMATE				OHL USA, Inc. Irvine, CA 92614		
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157	703450	WELDED STEEL PIPE CASING (BRIDGE) [32']	LF	84	160.00	13,440.00	225.00	18,900.00
158	731517	MINOR CONCRETE (GUTTER) [WALL]	LF	151	30.00	4,530.00	30.00	4,530.00
159	750041(F)	ISOLATION CASING	LB	29,150	2.80	81,620.00	4.00	116,600.00
160	750496(F)	MISCELLANEOUS METAL (RESTRAINER - PIPE TYPE)	LB	15,003	6.50	97,519.50	6.00	90,018.00
161	750498(F)	MISCELLANEOUS METAL (RESTRAINER - CABLE TYPE)	LB	1,775	9.00	15,975.00	6.00	10,650.00
162	750501(F)	MISCELLANEOUS METAL (BRIDGE)	LB	6,601	8.00	52,808.00	6.00	39,606.00
163	750505(F)	BRIDGE DECK DRAINAGE SYSTEM	LB	11,963	10.00	119,630.00	6.00	71,778.00
164	071321	TEMPORARY FENCE (TYPE CL-6)	LF	68	15.00	1,020.00	25.00	1,700.00
165	833000(F)	METAL RAILING (RAMP)	LF	321	175.00	56,175.00	160.00	51,360.00
166	833000(F)	METAL RAILING (BRIDGE)	LF	2,925	300.00	877,500.00	434.00	1,269,450.00
167	833000(F)	METAL RAILING [27']	LF	169	150.00	25,350.00	134.00	22,646.00
168	833088(F)	TUBULAR HANDRAILING [22']	LF	1,463	70.00	102,410.00	49.00	71,687.00
169	000003(F)	CONCRETE PARAPET	LF	1,509	125.00	188,625.00	60.00	90,540.00
170	833142(F)	CONCRETE BARRIER (TYPE 26 MODIFIED)	LF	137	155.00	21,235.00	120.00	16,440.00
171	839401(F)	CONCRETE BARRIER (TYPE 732/60D MODIFIED)	LF	330	180.00	59,400.00	315.00	103,950.00
172	839521(F)	CABLE RAILING	LF	135	30.00	4,050.00	33.00	4,455.00
173	839704(F)	CONCRETE BARRIER (TYPE 60D) [MODIFIED]	LF	700	66.00	46,200.00	95.00	66,500.00
174	839717(F)	CONCRETE BARRIER (TYPE 732 MODIFIED)	LF	3,902	145.00	565,790.00	65.00	253,630.00
175	839721(F)	CONCRETE BARRIER (TYPE 732A)	LF	178	135.00	24,030.00	95.00	16,910.00
176	017305	MINOR CONCRETE (CURB AND GUTTER) (CRS201)	LF	4,430	15.00	66,450.00	22.00	97,460.00
177	017309	MINOR CONCRETE (TYPE "D" CURB) (CRS 204)	LF	1,530	12.00	18,360.00	29.00	44,370.00
178	017315	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE A)	EA	2	2,500.00	5,000.00	3,800.00	7,600.00
179	017316	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE B)	EA	4	2,500.00	10,000.00	2,900.00	11,600.00
180	510501	MINOR CONCRETE (RETAINING CURB)	LF	250	30.00	7,500.00	36.00	9,000.00
181	510501	MINOR CONCRETE (TYPE II) (CITY 200)	LF	1,470	20.00	29,400.00	30.00	44,100.00
182	513553(F)	RETAINING WALL (MASONRY WALL)	LF	83	200.00	16,600.00	105.00	8,715.00
183	513570(F)	CONCRETE BLOCK WALL [SLOUGH]	LF	111	100.00	11,100.00	80.00	8,880.00
184	513570(F)	CONCRETE BLOCK WALL [SECURITY]	LF	191	250.00	47,750.00	105.00	20,055.00
185	513570(F)	CONCRETE BLOCK WALL [ENCLOSURE]	LF	162	300.00	48,600.00	160.00	25,920.00
186	730040	MINOR CONCRETE (GUTTER) [LONGITUDINAL]	LF	130	55.00	7,150.00	30.00	3,900.00
187	731504	MINOR CONCRETE (CURB AND GUTTER) [CITY 200] (TYPE 1)	LF	1,030	15.00	15,450.00	24.00	24,720.00
188	731504	MINOR CONCRETE (CURB AND GUTTER) [DETAIL 3]	LF	160	15.00	2,400.00	29.00	4,640.00
189	731516	MINOR CONCRETE (DRIVEWAY) [DETAIL 7]	SQFT	2,210	9.00	19,890.00	16.00	35,360.00
190	731516	MINOR CONCRETE (DRIVEWAY) [DETAIL 302] (TYPE-II)	SQFT	590	9.00	5,310.00	16.00	9,440.00
191	731516	MINOR CONCRETE (DRIVEWAY) [CITY 302] (TYPE CURB-1)	SQFT	340	9.00	3,060.00	18.00	6,120.00
192	731516	MINOR CONCRETE (DRIVEWAY) [DETAIL 9]	SQFT	630	9.00	5,670.00	14.00	8,820.00
193	731519	MINOR CONCRETE (STAMPED CONCRETE)	SQFT	330	11.00	3,630.00	17.00	5,610.00
194	731521	MINOR CONCRETE (SIDEWALK)	SQFT	10,320	10.00	103,200.00	6.50	67,080.00
195	731623	MINOR CONCRETE (CURB RAMP) [CITY 304]	EA	2	2,500.00	5,000.00	3,000.00	6,000.00

**Riverside County Transportation Department  
Summary of Bids**

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between Lincoln Street and Buchanan Street in the City of  
Riverside and Home Gardens area

Advertised: September 10, 2013 (Agenda Item: 3-94)  
Addenda: 1 (10/2/2013), 2 (10/17/2013)  
Bids Open: 2 pm Date: Wednesday, October 23, 2013

**PROJECT NO. B7-0784, Federal Aid No. TCIFCML - 59556(193)**

BASE BID (continued)		COUNTY'S ESTIMATE					OHL USA, Inc. Irvine, CA 92614	
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID UNIT PRICE	BID ESTIMATE
196	731623	MINOR CONCRETE (CURB RAMP) [DETAIL 1]	EA	1	1,000.00	1,000.00	3,100.00	3,100.00
197	735000(F)	PARKING BUMPER (PRECAST CONCRETE)	EA	27	45.00	1,215.00	135.00	3,645.00
198	800300(F)	CHAIN LINK FENCE [H = 6']	LF	1,484	35.00	51,940.00	40.00	59,360.00
199	800360(F)	CHAIN LINK FENCE (TYPE CL-6)	LF	210	67.00	14,070.00	38.00	7,980.00
200	801340(F)	METAL GATE [WROUGHT IRON, 26']	EA	1	1,000.00	1,000.00	18,000.00	18,000.00
201	000003	WROUGHT IRON FENCE	LF	17	80.00	1,360.00	300.00	5,100.00
202	802620(F)	16' CHAIN LINK GATE (TYPE CL-6)	EA	2	850.00	1,700.00	3,000.00	6,000.00
203	011508(F)	COLD PLANE ASPHALT CONCRETE PAVEMENT (17') [MAX]	SQYD	3,487	7.00	24,409.00	2.50	8,717.50
204	260201	CLASS 2 AGGREGATE BASE	CY	11,200	28.00	313,600.00	32.00	358,400.00
205	377501(F)	SLURRY SEAL	SQYD	579	5.00	2,895.00	3.00	1,737.00
206	390132	HOT MIX ASPHALT (TYPE A)	TON	15,500	85.00	1,317,500.00	68.00	1,054,000.00
207	510501	MINOR CONCRETE [POC PAVEMENT]	CY	630	265.00	166,950.00	205.00	129,150.00
208	220101	FINISHING ROADWAY	LS	1	20,000.00	20,000.00	30,000.00	30,000.00
209	066827	STRIPING AND PAVEMENT MARKERS (THERMOPLASTIC)	LS	1	49,900.00	49,900.00	35,000.00	35,000.00
210	208000	IRRIGATION SYSTEM	LS	1	207,850.00	207,850.00	197,000.00	197,000.00
211	000003	LANDSCAPE IMPROVEMENTS	LS	1	587,110.00	587,110.00	223,000.00	223,000.00
212	860201	SIGNAL AND LIGHTING	LS	1	655,000.00	655,000.00	565,000.00	565,000.00
213	860460	LIGHTING AND SIGN ILLUMINATION	LS	1	797,000.00	797,000.00	675,000.00	675,000.00
214	000003(F)	CRASH CUSHION (TYPE TRACC)	EA	1	6,000.00	6,000.00	32,000.00	32,000.00
215	832001	METAL BEAM GUARD RAILING	LF	88	115.00	10,120.00	60.00	5,280.00
216	839541(F)	TRANSITION RAILING (TYPE WB)	EA	1	3,500.00	3,500.00	3,800.00	3,800.00
217	839585(F)	ALTERNATIVE FLARED TERMINAL SYSTEM	EA	1	2,500.00	2,500.00	2,750.00	2,750.00
218	000003	RECONSTRUCT BOLLARD	EA	5	50.00	250.00	800.00	4,000.00
219	000003	RECONSTRUCT BACKFLOW PREVENTER AND COVER	EA	9	2,000.00	18,000.00	600.00	5,400.00
220	000003	RECONSTRUCT MONUMENT SIGN	EA	2	16,500.00	33,000.00	17,500.00	35,000.00
221	562001	METAL (ROADSIDE SIGN) [BARRIER MOUNTED]	EA	1	500.00	500.00	450.00	450.00
222	562001	METAL (ROADSIDE SIGN) [WALL MOUNTED]	EA	8	400.00	3,200.00	350.00	2,800.00
223	562001	METAL (ROADSIDE SIGN) [LIGHT POLE MOUNTED]	EA	16	210.00	3,360.00	75.00	1,200.00
224	562001	METAL (ROADSIDE SIGN) [FENCE MOUNTED]	EA	12	210.00	2,520.00	75.00	900.00
225	566011	ROADSIDE SIGN - ONE POST	EA	44	350.00	15,400.00	175.00	7,700.00
226	566012	ROADSIDE SIGN - TWO POST	EA	3	450.00	1,350.00	750.00	2,250.00
227	000001	ITEM DELETED BY ADDENDUM	---	---	---	---	---	---
228	000003	FURNISH 12-INCH DUCTILE IRON PIPE (PRESSURE CLASS 350).	LF	280	60.00	16,800.00	82.00	22,960.00
229	000003	INSTALL 12-INCH DUCTILE IRON PIPE COMPLETE PER PLAN AND CWD-040-1 & 2.	LF	280	50.00	14,000.00	65.00	18,200.00
230	000003	FURNISH 20-INCH DUCTILE IRON PIPE (PRESSURE CLASS 250).	LF	420	120.00	50,400.00	133.00	55,860.00
231	000003	INSTALL 20-INCH DUCTILE IRON PIPE COMPLETE PER PLAN AND CWD-040-1 & 2.	LF	420	75.00	31,500.00	82.00	34,440.00
232	000003	FURNISH AND INSTALL TEMPORARY HIGHLINE, INCLUDING ALL FITTINGS AND APPURTENANCES, PER PLAN.	LS	1	15,000.00	15,000.00	22,000.00	22,000.00
233	000003	FURNISH AND INSTALL 24-INCH STEEL SPLIT CASING, PER PLAN	LF	50	300.00	15,000.00	245.00	12,250.00

**Riverside County Transportation Department  
Summary of Bids**

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between Lincoln Street and Buchanan Street in the City of  
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**Advertised:** September 10, 2013 (Agenda Item: 3-94)  
**Agenda:** 1 (10/2/2013), 2 (10/17/2013)  
**Bids Open:** 2 pm **Date:** Wednesday, October 23, 2013

**PROJECT NO. B7-0784, Federal Aid No. TCIFCML - 5956(193)**

BASE BID (continued)		COUNTY'S ESTIMATE				OHL USA, Inc. Irvine, CA 92614			
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID UNIT PRICE	BID ESTIMATE	
234	000003	FURNISH AND INSTALL 2-INCH WATER SERVICE PER CWD-601	EA	1	8,000.00	8,000.00	2,645.00	2,645.00	
235	000003	FURNISH AND INSTALL FIRE HYDRANT ASSEMBLY COMPLETE PER CWD-700	EA	1	10,000.00	10,000.00	7,750.00	7,750.00	
236	000003	FURNISH AND INSTALL 4" TEMPORARY BLOW-OFF ASSEMBLY COMPLETE PER CWD-413. RESTRAIN ALL JOINTS	EA	4	1,500.00	6,000.00	5,100.00	20,400.00	
237	000003	FURNISH AND INSTALL 2-INCH AIR VALVE PER CWD-451	EA	1	2,500.00	2,500.00	3,650.00	3,650.00	
238	000003	FURNISH AND INSTALL 12-INCH RESILIENT WEDGE GATE VALVE AND VALVE BOX PER CWD-500 AND CWD-515	EA	1	4,000.00	4,000.00	4,425.00	4,425.00	
239	000003	FURNISH AND INSTALL 6-INCH BLOW-OFF PER CWD-410-A	EA	2	2,000.00	4,000.00	8,235.00	16,470.00	
240	000003	TESTING, CHLORINATION, SANITARY SAMPLES, FLUSHING AND DISPOSAL OF CHLORINATED WATER	LS	1	8,000.00	8,000.00	8,100.00	8,100.00	
241	000003	FURNISH AND INSTALL SYSTEM CONNECTIONS, INCLUDING ALL NECESSARY PIPING AND APPURTENANCES COMPLETE PER PLAN	LS	1	10,000.00	10,000.00	26,000.00	26,000.00	
242	000003	PROVIDE TRENCH SHORING, BRACING, AND PLATING, INCLUDING PLANS AND PERMITS	LS	1	5,000.00	5,000.00	7,500.00	7,500.00	
243	190101	ROADWAY EXCAVATION	CY	25,750	12.00	309,000.00	12.00	309,000.00	
244	000003	EDISON STREET LIGHT SYSTEM	LS	1	150,000.00	150,000.00	60,000.00	60,000.00	
245	000003 (P-F)	PIPE HANDRAILING	LF	227	50.00	11,350.00	150.00	34,050.00	
246	120100	TRAFFIC CONTROL SYSTEM [MISCELLANEOUS AND NON-RAILROAD FLAGGING]	LS	1	15,000.00	15,000.00	115,000.00	115,000.00	
247	066020	RELATIONS WITH RAILROAD [INCLUDING RAILROAD FLAGGING]	LS	1	250,000.00	250,000.00	416,000.00	416,000.00	
<b>BASE BID SUBTOTAL</b>						<b>35,258,526.75</b>		<b>34,082,306.42</b>	
<b>ITEMS 1 - 247</b>									<b>1</b>
ALTERNATE 1 BID SCHEDULE (HGSD)		COUNTY'S ESTIMATE				OHL USA, Inc. Irvine, CA 92614			
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID UNIT PRICE	BID ESTIMATE	
248	152475	ADJUST SEWER MANHOLE	EA	9	800.00	7,200.00	4,500.00	40,500.00	
249	000003	8" HIGH STRENGTH VCP SEWER MAIN	LF	76	100.00	7,600.00	151.00	11,476.00	
250	000001	ITEM DELETED BY ADDENDUM							
251	000003	48" PRECAST CONCRETE MANHOLE	EA	1	6,000.00	6,000.00	9,500.00	9,500.00	
252	000003	CONNECTION TO EXISTING MANHOLE	EA	2	1,500.00	3,000.00	2,500.00	5,000.00	
253	000003	REMOVE AND DISPOSE OF EXISTING 8" CIP SEWER	LF	78	20.00	1,560.00	80.00	6,240.00	
254	000003	TEMPORARY SEWER BYPASS	LS	1	5,000.00	5,000.00	12,500.00	12,500.00	
<b>ALT. 1 BID SCH. SUBTOTAL</b>						<b>30,360.00</b>		<b>85,216.00</b>	
<b>ITEMS 248 - 254</b>									
<b>PROJECT TOTAL</b>						<b>35,288,886.75</b>		<b>34,167,522.42</b>	
<b>ITEMS 1 - 254</b>									

**Riverside County Transportation Department  
Summary of Bids**

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**PROJECT NO. B7-0784, Federal Aid No. TCIFCML - 5956(193)**

BASE BID ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	2		3	
					BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
1	015602	FUNDING AWARENESS SIGN	EA	2	1,000.00	2,000.00	1,000.00	2,000.00
2	019902	COURSE OF CONSTRUCTION INSURANCE	LS	1	100,000.00	100,000.00	100,000.00	100,000.00
3	066105	RESIDENT ENGINEERS OFFICE	LS	1	50,000.00	50,000.00	50,000.00	50,000.00
4	070012	PROGRESS SCHEDULE (CRITICAL PATH METHOD)	LS	1	8,000.00	8,000.00	8,000.00	8,000.00
5	074016	CONSTRUCTION SITE MANAGEMENT	LS	1	120,000.00	120,000.00	15,000.00	15,000.00
6	066102	DUST ABATEMENT	LS	1	100,000.00	100,000.00	21,000.00	21,000.00
7	148005	NOISE MONITORING	LS	1	3,500.00	3,500.00	2,500.00	2,500.00
8	170101	DEVELOP WATER SUPPLY	LS	1	36,000.00	36,000.00	36,000.00	36,000.00
9	190110	LEAD COMPLIANCE PLAN	LS	1	2,000.00	2,000.00	1,500.00	1,500.00
10	760090	MOBILIZATION, DEMOBILIZATION AND FINAL CLEANUP	LS	1	1,750,000.00	1,750,000.00	450,000.00	450,000.00
11	074018	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	1	3,000.00	3,000.00	4,500.00	4,500.00
12	074020	WATER POLLUTION CONTROL	LS	1	82,500.00	82,500.00	82,500.00	82,500.00
13	120090	CONSTRUCTION AREA SIGNS	LS	1	20,000.00	20,000.00	30,000.00	30,000.00
14	120110	FLASHING ARROW SIGN	EA	9	2,500.00	22,500.00	1,300.00	11,700.00
15	120120	TYPE III BARRICADE	EA	74	100.00	7,400.00	60.00	4,440.00
16	120149	TEMPORARY PAVEMENT MARKING (PAINT)	SQFT	1,610	4.00	6,440.00	3.15	5,071.50
17	120159	TEMPORARY TRAFFIC STRIPE (PAINT)	LF	28,880	0.80	23,104.00	0.65	18,772.00
18	120165	CHANNELIZER (SURFACE MOUNTED)	EA	810	30.00	24,300.00	27.00	21,870.00
19	120300	TEMPORARY PAVEMENT MARKER	EA	320	6.00	1,920.00	13.00	4,160.00
20	128650	PORTABLE CHANGEABLE MESSAGE SIGN	EA	2	9,000.00	18,000.00	8,500.00	17,000.00
21	129000	TEMPORARY RAILING (TYPE K)	EA	2	9.00	18,000.00	13.00	21,190.00
22	129100	TEMPORARY CRASH CUSHION MODULE (TS11)	EA	16,300	125.00	2,037,500.00	175.00	2,852,500.00
23	129110	TEMPORARY CRASH CUSHION (ABSORB 350)	EA	220	5,000.00	1,100,000.00	4,600.00	1,012,000.00
24	129150	TEMPORARY TRAFFIC SCREEN	EA	6	3.00	18,000.00	5.00	30,000.00
25	833077	PEDESTRIAN BARRICADE (ROADSIDE SIGN)	EA	2	800.00	1,600.00	1,100.00	2,200.00
26	860400	LIGHTING (TEMPORARY)	EA	2	50,000.00	100,000.00	80,000.00	160,000.00
27	160101	CLEARING AND GRUBBING (SEE SPECIAL PROVISIONS FOR ADDITIONAL WORK)	EA	1	45,000.00	45,000.00	45,000.00	45,000.00
28	151251	SALVAGE IRRIGATION FACILITY	EA	1	5,000.00	5,000.00	10,000.00	10,000.00
29	151281	SALVAGE ROADSIDE SIGN	EA	5	100.00	500.00	105.00	525.00
30	011511(F)	REMOVE MISCELLANEOUS ITEMS [BUMPER POLE]	EA	5	125.00	625.00	380.00	1,900.00
31	011511(F)	REMOVE MISCELLANEOUS ITEMS [BLOCK PLANTER WALL]	EA	43	50.00	2,150.00	42.00	1,806.00
32	011511	REMOVE MISCELLANEOUS ITEMS [PARKING BUMPER]	EA	30	130.00	3,900.00	91.00	2,730.00
33	000003	REMOVE MASONRY WALL	EA	370	36.00	13,320.00	25.00	9,250.00
34	141101(F)	REMOVE YELLOW PAINTED TRAFFIC STRIPE (HAZARDOUS WASTE)	EA	1,639	2.00	3,278.00	1.00	1,639.00
35	150605	REMOVE FENCE [WROUGHT IRON FENCE AND GATE]	EA	70	25.00	1,750.00	28.00	1,960.00
36	150608	REMOVE CHAIN LINK FENCE	EA	120	15.00	1,800.00	2,000.00	2,400.00
37	150662	REMOVE METAL BEAM GUARD RAILING	EA	640	22.00	14,080.00	25.00	16,000.00
38	150711(F)	REMOVE PAINTED TRAFFIC STRIPE	EA	7,474	1.20	8,968.80	1.00	7,474.00
39	150829	REMOVE RETAINING WALL	EA	70	40.00	2,800.00	78.00	5,460.00

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**PROJECT NO. B7-0784, Federal Aid No. TCIFCML - 5956(193)**

BASE BID (continued) ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	2		3	
					BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
40	150805	REMOVE CULVERT	LF	70	15.00	1,050.00	100.00	7,000.00
41	150807	REMOVE STORM DRAIN [12"]	LF	21	30.00	630.00	58.00	1,218.00
42	150807	REMOVE STORM DRAIN [16"]	LF	81	15.00	1,215.00	52.00	4,212.00
43	150807	REMOVE STORM DRAIN [18"]	LF	590	9.00	5,310.00	47.00	27,730.00
44	150807	REMOVE STORM DRAIN [21"]	LF	150	18.00	2,700.00	50.00	7,500.00
45	150807	REMOVE STORM DRAIN [33"]	LF	38	25.00	950.00	67.00	2,546.00
46	150807	REMOVE STORM DRAIN [18" ASBESTOS]	LF	144	75.00	10,800.00	87.00	12,528.00
47	150821	REMOVE HEADWALL [EXISTING]	EA	4	1,750.00	7,000.00	3,200.00	12,800.00
48	150826	REMOVE MANHOLE [EXISTING]	EA	1	1,900.00	1,900.00	1,800.00	1,800.00
49	150827	REMOVE CATCH BASIN [EXISTING]	EA	9	1,200.00	10,800.00	1,800.00	16,200.00
50	153120(F)	REMOVE CONCRETE (DITCH)	LF	1,980	15.00	29,700.00	3.70	7,326.00
51	153140(F)	REMOVE CONCRETE SIDEWALK	SQYD	1,488	25.00	37,200.00	5.40	8,035.20
52	153210	REMOVE CONCRETE [PAVERS]	SQYD	500	18.00	9,000.00	8.20	4,100.00
53	153210	REMOVE CONCRETE [ACCESS RAMP]	SQYD	260	18.00	4,680.00	5.40	1,404.00
54	153210	REMOVE CONCRETE [DRIVEWAY AND APPROACH]	SQYD	420	18.00	7,560.00	5.40	2,268.00
55	153210	REMOVE CONCRETE [CROSS GUTTER AND SPANDRAL]	SQYD	200	35.00	7,000.00	11.00	2,200.00
56	153210	REMOVE CONCRETE [PLASTER]	EA	1	1,700.00	1,700.00	1,200.00	1,200.00
57	153210	REMOVE CONCRETE [STAMPED]	SQYD	6,150	14.00	86,100.00	6.00	36,900.00
58	153130	REMOVE CONCRETE CURB	LF	3,920	4.00	15,680.00	1.00	3,920.00
59	153215(F)	REMOVE CONCRETE (CURB AND GUTTER)	LF	9,313	7.00	65,191.00	4.00	37,252.00
60	150846	REMOVE CONCRETE PAVEMENT	CY	1,700	35.00	59,500.00	49.00	83,300.00
61	150769(F)	REMOVE ASPHALT CONCRETE	CY	5,045	30.00	151,350.00	26.00	131,170.00
62	150769	REMOVE ASPHALT CONCRETE [WALKWAY]	CY	250	30.00	7,500.00	56.00	14,000.00
63	150771	REMOVE ASPHALT CONCRETE DIKE	LF	660	5.00	3,300.00	2.50	1,650.00
64	153121	REMOVE CONCRETE	CY	6	150.00	900.00	49.00	294.00
65	160120(F)	REMOVE TREE	EA	190	300.00	57,000.00	650.00	123,500.00
66	160120(F)	REMOVE TREE [PALM]	EA	32	2,000.00	64,000.00	1,020.00	32,640.00
67	152255	RESET MAILBOX	EA	4	550.00	2,200.00	450.00	1,800.00
68	152379	RELOCATE FENCE [WROUGHT IRON FENCE AND GATE]	LF	60	250.00	15,000.00	290.00	17,400.00
69	152379	RELOCATE FENCE [CHAIN LINK FENCE AND GATE]	LF	560	22.00	12,320.00	26.00	14,560.00
70	152390	RELOCATE ROADSIDE SIGN	EA	10	200.00	2,000.00	230.00	2,300.00
71	152394	RELOCATE SIGN STRUCTURE	EA	2	1,700.00	3,400.00	5,800.00	11,600.00
72	150206	ABANDON CULVERT	LF	720	16.00	11,520.00	22.00	15,840.00
73	155003(F)	CAP INLET	EA	2	2,000.00	4,000.00	3,900.00	7,800.00
74	152440	ADJUST MANHOLE TO GRADE	EA	6	1,000.00	6,000.00	460.00	2,760.00
75	000003(F)	CLEANOUT BOX (CITY 425)	EA	1	4,000.00	4,000.00	5,600.00	5,600.00
76	000003	GRATING CATCH BASIN (W=6.40, SPPWC 304-3)	EA	4	7,000.00	28,000.00	6,900.00	27,600.00
77	000003	GRATING CATCH BASIN (W=2.95, SPPWC 304-3)	EA	1	5,500.00	5,500.00	5,500.00	5,500.00
78	000003	PRECAST CATCH BASIN (2' X 2')	EA	1	4,000.00	4,000.00	2,500.00	2,500.00

Skanska USA Civil West CA Dist.  
Riverside, CA 92509

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**Riverside County Transportation Department  
Summary of Bids**

**PROJECT:** Magnolia Avenue/BNSF Railway Grade Separation Project  
between Lincoln Street and Buchanan Street in the City of  
Riverside and Home Gardens area

Advertised: September 10, 2013 (Agenda Item: 3-94)  
Addenda: 1 (10/2/2013), 2 (10/17/2013)  
Bids Open: 2 pm Date: Wednesday, October 23, 2013

**PROJECT NO. B7-0784, Federal Aid No. TCIFCML - 5956(193)**

BASE BID (continued) ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	2		3	
					BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
79	000003	TRANSITION STRUCTURE RCB-PIPE (SPPWC 342-2)	EA	2	4,500.00	9,000.00	2,400.00	4,800.00
80	000003	JUNCTION STRUCTURE (CITY 422)	EA	1	5,000.00	5,000.00	4,900.00	4,900.00
81	703203	CORRUGATED STEEL PIPE RISER (.138" THICK)	EA	1	9,000.00	9,000.00	6,700.00	6,700.00
82	000003(F)	PRECAST CONCRETE PIPE INLET (CALTRANS D75B)	EA	2	1,600.00	3,200.00	2,800.00	5,600.00
83	000003(F)	DETENTION BASIN EXCAVATION	CY	352	6.00	2,112.00	32.00	11,264.00
84	013902	ASPHALT CONCRETE OVERSIDE DRAIN (CRS 306)	EA	2	600.00	1,200.00	1,300.00	2,600.00
85	015101	CLASS B CONCRETE (COLLAR) (RCFC&WCDS M803)	EA	4	900.00	3,600.00	1,200.00	4,800.00
86	017003	CATCH BASIN (CURB INLET) (CRS 300) [W=21]	EA	1	10,000.00	10,000.00	9,400.00	9,400.00
87	017003	CATCH BASIN (CURB INLET) (CRS 300) [W=14]	EA	1	7,000.00	7,000.00	7,100.00	7,100.00
88	017003	CATCH BASIN (CURB INLET) (CRS 300) [W=7]	EA	1	6,000.00	6,000.00	5,600.00	5,600.00
89	017003	CATCH BASIN (CURB INLET) (CRS 300) [W=4]	EA	3	5,000.00	15,000.00	4,500.00	13,500.00
90	000001	ITEM DELETED BY ADDENDUM						
91	017005	CATCH BASIN (COMBINATION INLET) (CRS 302 - NO.2) [W=6.40]	EA	2	7,000.00	14,000.00	7,800.00	15,600.00
92	017101	MANHOLE (RCFC&WCDS MH251)	EA	2	5,200.00	10,400.00	5,200.00	10,400.00
93	017105	JUNCTION STRUCTURE (RCFC&WCDS JS 227)	EA	6	2,200.00	13,200.00	2,100.00	12,600.00
94	017110	MANHOLE (RCFC&WCDS MH254) [NO.4]	EA	1	5,200.00	5,200.00	5,600.00	5,600.00
95	017111	JUNCTION STRUCTURE (RCFC&WCDS JS 229)	EA	1	2,000.00	2,000.00	1,200.00	1,200.00
96	510090(F)	STRUCTURAL CONCRETE, BOX CULVERT [CALTRANS D80] (3' X 1.5')	LF	58	400.00	23,200.00	600.00	34,800.00
97	510501(F)	MINOR CONCRETE [BULKHEAD]	EA	16	1,000.00	16,000.00	350.00	5,600.00
98	510501(F)	MINOR CONCRETE [INLET DEPRESSION] (CALTRANS D78C)	CY	4	400.00	1,600.00	400.00	1,600.00
99	510535(F)	MINOR CONCRETE (HEADWALL)	EA	1	5,000.00	5,000.00	2,500.00	2,500.00
100	620800(F)	CONCRETE BACKFILL (PIPE TRENCH)	CY	2	400.00	800.00	1,300.00	2,600.00
101	650014	18" REINFORCED CONCRETE PIPE	LF	580	80.00	46,400.00	158.00	91,940.00
102	650018	24" REINFORCED CONCRETE PIPE	LF	1,500	60.00	90,000.00	147.00	220,500.00
103	650026	36" REINFORCED CONCRETE PIPE	LF	660	100.00	66,000.00	169.00	111,540.00
104	700617	DRAINAGE INLET MARKER	EA	19	165.00	3,135.00	125.00	2,375.00
105	703514	8" WELDED STEEL PIPE (.108" THICK)	LF	62	55.00	3,410.00	270.00	16,740.00
106	705204(F)	18" CONCRETE FLARED END SECTION	EA	1	800.00	800.00	2,300.00	2,300.00
107	709904	CATCH BASIN (TYPE 1) (CITY 400) [W=14]	EA	3	7,000.00	21,000.00	7,000.00	21,000.00
108	709904	CATCH BASIN (CITY 407) [W=14]	EA	1	7,000.00	7,000.00	8,800.00	8,800.00
109	719300	MANHOLE (CITY 431)	EA	3	5,000.00	15,000.00	5,300.00	15,900.00
110	721011(F)	ROCK SLOPE PROTECTION (BACKING NO. 2, METHOD B)	CY	38	100.00	3,800.00	180.00	6,840.00
111	721420	CONCRETE (DITCH LINING)	CY	13	450.00	5,850.00	411.00	5,343.00
112	721431	CONCRETE (CONCRETE APRON)	CY	1	625.00	625.00	328.00	328.00
113	731507(F)	MINOR CONCRETE (GUTTER DEPRESSION) (CRS 311)	CY	13	1,000.00	13,000.00	420.00	5,460.00
114	731507(F)	MINOR CONCRETE (GUTTER DEPRESSION) (CRS 312)	CY	1	1,100.00	1,100.00	300.00	300.00
115	192003(F)	STRUCTURE EXCAVATION (BRIDGE)	CY	1,558	10.00	15,580.00	22.00	34,276.00
116	192037(F)	STRUCTURE EXCAVATION (RETAINING WALL)	CY	570	30.00	17,100.00	29.00	16,530.00
117	193003(F)	STRUCTURE BACKFILL (BRIDGE)	CY	1,127	40.00	49,080.00	91.00	111,657.00



**Riverside County Transportation Department  
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**PROJECT: Magnolia Avenue/BNSF Railway Grade Separation Project  
between Lincoln Street and Buchanan Street in the City of  
Riverside and Home Gardens area**

**PROJECT NO. B7-0784, Federal Aid No. TCIFCML - 5956(193)**

ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	Z		3	
					BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
118	193013(F)	STRUCTURE BACKFILL (RETAINING WALL)	CY	624	80.00	49,920.00	85.00	53,040.00
119	198010(F)	IMPORTED BORROW	CY	10,785	7.00	75,495.00	10.00	107,850.00
120	000003	CITRUS LABEL TILES	EA	23	1,000.00	23,000.00	3,300.00	75,900.00
121	000003	INTERPRETIVE PANEL TILES	EA	10	5,900.00	59,000.00	6,000.00	60,000.00
122	151509	RECONSTRUCT DRAINAGE FACILITY (ARLINGTON CHANNEL WALL AT CIDH PILE)	LS	1	40,000.00	40,000.00	100,000.00	100,000.00
123	000003	POST GROUTING CIDH PILE	EA	7	60,000.00	420,000.00	2,200.00	15,400.00
124	151509	RECONSTRUCT DRAINAGE FACILITY (ARLINGTON CHANNEL UC AT TEMP BRIDGE)	LS	1	25,000.00	25,000.00	115,000.00	115,000.00
125	151540	RECONSTRUCT CHAIN LINK FENCE	LF	87	70.00	6,090.00	31.00	2,697.00
126	477020	MECHANICALLY STABILIZED EMBANKMENT [TEMPORARY RETAINING WALL]	SQFT	4,530	20.00	90,600.00	26.00	117,780.00
127	477021(F)	MECHANICALLY STABILIZED EMBANKMENT, LOCATION A	SQFT	8,658	45.00	389,610.00	85.00	735,930.00
128	477022(F)	MECHANICALLY STABILIZED EMBANKMENT, LOCATION B	SQFT	8,226	45.00	370,170.00	85.00	699,210.00
129	477023(F)	MECHANICALLY STABILIZED EMBANKMENT, LOCATION C	SQFT	1,704	45.00	76,680.00	85.00	144,840.00
130	480600	TEMPORARY SHORING (ARLINGTON CHANNEL WALL)	LS	1	150,000.00	150,000.00	315,000.00	315,000.00
131	490508	FURNISH STEEL PILING (HP 10 X 57)	LF	253	30.00	7,590.00	49.00	12,397.00
132	490509	DRIVE STEEL PILE (HP 10 X 57)	EA	10	1,700.00	17,000.00	2,800.00	28,000.00
133	490528	FURNISH STEEL PILING (HP 14 X 89)	LF	4,364	45.00	196,380.00	49.00	213,896.00
134	490529	DRIVE STEEL PILE (HP 14 X 89)	EA	115	1,900.00	218,500.00	2,200.00	253,000.00
135	490623	158" CAST-IN-DRILLED-HOLE CONCRETE PILING	LF	1,519	3,000.00	4,557,000.00	3,160.00	4,800,040.00
136	500001	PRESTRESSING CAST-IN-PLACE CONCRETE (LONGITUDINAL)	LS	1	425,000.00	425,000.00	396,000.00	396,000.00
137	500001	PRESTRESSING CAST-IN-PLACE CONCRETE (TRANSVERSE)	LS	1	695,000.00	695,000.00	665,000.00	665,000.00
138	510050(F)	STRUCTURAL CONCRETE [SIDEWALK SLAB]	CY	65	750.00	48,750.00	800.00	52,000.00
139	510051(F)	STRUCTURAL CONCRETE, BRIDGE FOOTING	CY	314	500.00	157,000.00	500.00	157,000.00
140	510053(F)	STRUCTURAL CONCRETE, BRIDGE	CY	13,315	700.00	9,320,500.00	670.00	8,921,050.00
141	510060(F)	STRUCTURAL CONCRETE, RETAINING WALL	CY	245	450.00	110,250.00	630.00	154,350.00
142	510072(F)	STRUCTURAL CONCRETE, BARRIER SLAB	CY	516	520.00	268,320.00	410.00	211,560.00
143	510086(F)	STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N)	CY	197	650.00	128,050.00	560.00	110,320.00
144	511035(F)	ARCHITECTURAL TREATMENT	SQFT	4,090	20.00	81,800.00	12.00	49,080.00
145	511047(F)	ANTI-GRAFFITI COATING	SQFT	69,820	1.00	69,820.00	2.30	160,586.00
146	518051	PTFE SPHERICAL BEARING [HINGE]	EA	7	5,000.00	35,000.00	4,800.00	33,600.00
147	518051	PTFE SPHERICAL BEARING [ABUTMENT 11]	EA	7	5,000.00	35,000.00	3,800.00	26,600.00
148	519089	JOINT SEAL ASSEMBLY [MR 10 1/2"]	LF	77	1,500.00	115,500.00	880.00	67,760.00
149	519095	JOINT SEAL ASSEMBLY (MR 4")	LF	75	350.00	26,250.00	680.00	51,000.00
150	519109	JOINT SEAL ASSEMBLY (MR 6 1/2")	LF	79	1,200.00	94,800.00	650.00	51,350.00
151	520102(F)	BAR REINFORCING STEEL (BRIDGE)	LB	4,857,853	0.80	3,886,282.40	1.22	5,926,580.66
152	520103(F)	BAR REINFORCING STEEL (RETAINING WALL)	LB	26,368	1.00	26,368.00	1.00	26,368.00
153	550102(F)	STRUCTURAL STEEL (BRIDGE)	LB	27,069	4.00	108,276.00	1.15	31,129.35
154	550203(F)	FURNISH STRUCTURAL STEEL (BRIDGE)	LB	22,497	2.50	56,242.50	4.50	101,236.50
155	550204(F)	ERECT STRUCTURAL STEEL (BRIDGE)	LB	22,497	0.50	11,248.50	1.15	25,871.55
156	590115	CLEAN AND PAINT STRUCTURAL STEEL	LS	1	3,000.00	3,000.00	78,000.00	78,000.00

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Summary of Bids**

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**PROJECT No. B7-0784, Federal Aid No. TCIFCML - 5956(193)**

BASE BID (continued)		2		3				
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
157	703450	WELDED STEEL PIPE CASING (BRIDGE) [32]	LF	84	140.00	11,760.00	284.00	23,856.00
158	731517	MINOR CONCRETE (GUTTER) [WALL]	LF	151	20.00	3,020.00	47.00	7,097.00
159	750041(F)	ISOLATION CASING	LB	29,150	5.00	145,750.00	3.40	99,110.00
160	750496(F)	MISCELLANEOUS METAL (RESTRAINER - PIPE TYPE)	LB	15,003	5.00	75,015.00	7.00	105,021.00
161	750498(F)	MISCELLANEOUS METAL (RESTRAINER - CABLE TYPE)	LB	1,775	8.00	14,200.00	9.00	15,975.00
162	750501(F)	MISCELLANEOUS METAL (BRIDGE)	LB	6,601	2.50	16,502.50	9.00	59,409.00
163	750505(F)	BRIDGE DECK DRAINAGE SYSTEM	LB	11,963	7.00	83,741.00	11.00	131,593.00
164	071321	TEMPORARY FENCE (TYPE CL-6)	LF	68	30.00	2,040.00	20.00	1,360.00
165	833000(F)	METAL RAILING (RAMP)	LF	321	250.00	80,250.00	250.00	80,250.00
166	833000(F)	METAL RAILING (BRIDGE)	LF	2,925	350.00	1,023,750.00	350.00	1,023,750.00
167	833000(F)	METAL RAILING [27]	LF	169	180.00	30,420.00	185.00	31,265.00
168	833088(F)	TUBULAR HANDRAILING [22]	LF	1,463	75.00	109,725.00	76.00	111,188.00
169	000003(F)	CONCRETE PARAPET	LF	1,509	70.00	105,630.00	116.00	175,044.00
170	833142(F)	CONCRETE BARRIER (TYPE 26 MODIFIED)	LF	137	145.00	19,865.00	154.00	21,098.00
171	839401(F)	CONCRETE BARRIER (TYPE 732/60D MODIFIED)	LF	330	240.00	79,200.00	186.00	61,380.00
172	839521(F)	CABLE RAILING	LF	135	35.00	4,725.00	36.00	4,860.00
173	839704(F)	CONCRETE BARRIER (TYPE 60D) [MODIFIED]	LF	700	80.00	56,000.00	68.00	47,600.00
174	839717(F)	CONCRETE BARRIER (TYPE 732 MODIFIED)	LF	3,902	70.00	273,140.00	95.00	370,690.00
175	839721(F)	CONCRETE BARRIER (TYPE 732A)	LF	178	75.00	13,350.00	100.00	17,800.00
176	017305	MINOR CONCRETE (CURB AND GUTTER) (CRS201)	EA	4,430	25.00	110,750.00	30.00	132,900.00
177	017309	MINOR CONCRETE (TYPE "D" CURB) (CRS 204)	EA	1,530	12.00	18,360.00	21.00	32,130.00
178	017315	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE A)	EA	2	2,500.00	5,000.00	2,300.00	4,600.00
179	017316	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE B)	EA	4	2,500.00	10,000.00	2,400.00	9,600.00
180	510501	MINOR CONCRETE (RETAINING CURB)	LF	250	28.00	7,000.00	32.00	8,000.00
181	510501	MINOR CONCRETE (TYPE II) (CITY 200)	LF	1,470	13.00	19,110.00	25.00	36,750.00
182	513553(F)	RETAINING WALL (MASONRY WALL)	LF	83	200.00	16,600.00	95.00	7,885.00
183	513570(F)	CONCRETE BLOCK WALL [SLOUGH]	LF	111	35.00	3,885.00	95.00	10,545.00
184	513570(F)	CONCRETE BLOCK WALL [SECURITY]	LF	191	200.00	38,200.00	95.00	18,145.00
185	513570(F)	CONCRETE BLOCK WALL [ENCLOSURE]	LF	162	260.00	42,120.00	95.00	15,390.00
186	730040	MINOR CONCRETE (GUTTER) [LONGITUDINAL]	LF	130	30.00	3,900.00	23.00	2,990.00
187	731504	MINOR CONCRETE (CURB AND GUTTER) [CITY 200] (TYPE 1)	LF	1,030	22.00	22,660.00	30.00	30,900.00
188	731504	MINOR CONCRETE (CURB AND GUTTER) [DETAIL 3]	LF	160	28.00	4,480.00	30.00	4,800.00
189	731516	MINOR CONCRETE (DRIVEWAY) [DETAIL 7]	SQFT	2,210	9.00	19,890.00	7.00	15,470.00
190	731516	MINOR CONCRETE (DRIVEWAY) [DETAIL 302] (TYPE-II)	SQFT	590	9.00	5,310.00	5.50	3,245.00
191	731516	MINOR CONCRETE (DRIVEWAY) [CITY 302] (TYPE CURB-1)	SQFT	340	14.00	4,760.00	5.50	1,870.00
192	731516	MINOR CONCRETE (DRIVEWAY) [DETAIL 9]	SQFT	630	8.00	5,040.00	5.50	3,465.00
193	731519	MINOR CONCRETE (STAMPED CONCRETE)	SQFT	330	19.00	6,270.00	11.50	3,795.00
194	731521	MINOR CONCRETE (SIDEWALK)	SQFT	10,320	6.00	61,920.00	5.50	56,760.00
195	731623	MINOR CONCRETE (CURB RAMP) [CITY 304]	EA	2	2,500.00	5,000.00	3,100.00	6,200.00

Skanska USA Civil West CA Dist.  
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**PROJECT No. B7-0784, Federal Aid No. TCIFCML - 59556(193)**

BASE BID (continued) ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	2		3	
					BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
196	731623	MINOR CONCRETE (CURB RAMP) [DETAIL 1]	EA	1	2,500.00	2,500.00	3,100.00	3,100.00
197	735000(F)	PARKING BUMPER (PRECAST CONCRETE)	EA	27	40.00	1,080.00	30.00	810.00
198	800300(F)	CHAIN LINK FENCE [H = 6']	LF	1,484	43.00	63,812.00	45.00	66,780.00
199	800360(F)	CHAIN LINK FENCE (TYPE CL-6)	LF	210	40.00	8,400.00	40.00	8,400.00
200	801340(F)	METAL GATE [WROUGHT IRON, 26']	EA	1	20,000.00	20,000.00	21,000.00	21,000.00
201	000003	WROUGHT IRON FENCE	LF	17	300.00	5,100.00	320.00	5,440.00
202	802620(F)	16' CHAIN LINK GATE (TYPE CL-6)	EA	2	3,000.00	6,000.00	3,100.00	6,200.00
203	011508(F)	COLD PLANE ASPHALT CONCRETE PAVEMENT (.17") [MAX]	SQYD	3,487	3.00	10,461.00	3.40	11,855.80
204	260201	CLASS 2 AGGREGATE BASE	CY	11,200	40.00	448,000.00	28.50	319,200.00
205	377501(F)	SLURRY SEAL	SQYD	579	5.00	2,895.00	6.25	3,618.75
206	390132	HOT MIX ASPHALT (TYPE A)	TON	15,500	90.00	1,395,000.00	80.00	1,240,000.00
207	510501	MINOR CONCRETE [PCC PAVEMENT]	CY	630	200.00	126,000.00	250.00	157,500.00
208	220101	FINISHING ROADWAY	LS	1	5,500.00	5,500.00	50,000.00	50,000.00
209	066827	STRIPING AND PAVEMENT MARKERS (THERMOPLASTIC)	LS	1	42,000.00	42,000.00	23,000.00	23,000.00
210	208000	IRRIGATION SYSTEM	LS	1	200,000.00	200,000.00	178,000.00	178,000.00
211	000003	LANDSCAPE IMPROVEMENTS	LS	1	230,000.00	230,000.00	443,000.00	443,000.00
212	860201	SIGNAL AND LIGHTING	LS	1	620,000.00	620,000.00	65,000.00	65,000.00
213	860460	LIGHTING AND SIGN ILLUMINATION	LS	1	700,000.00	700,000.00	140,000.00	140,000.00
214	000003(F)	CRASH CUSHION (TYPE TRACC)	EA	1	21,000.00	21,000.00	21,000.00	21,000.00
215	832001	METAL BEAM GUARD RAILING	LF	88	60.00	5,280.00	61.00	5,368.00
216	839541(F)	TRANSITION RAILING (TYPE WB)	EA	1	3,500.00	3,500.00	3,500.00	3,500.00
217	839585(F)	ALTERNATIVE FLARED TERMINAL SYSTEM	EA	1	3,000.00	3,000.00	3,000.00	3,000.00
218	000003	RECONSTRUCT BOLLARD	EA	5	275.00	1,375.00	480.00	2,400.00
219	000003	RECONSTRUCT BACKFLOW PREVENTER AND COVER	EA	9	1,700.00	15,300.00	2,800.00	25,200.00
220	000003	RECONSTRUCT MONUMENT SIGN	EA	2	4,000.00	8,000.00	12,000.00	24,000.00
221	562001	METAL (ROADSIDE SIGN) [BARRIER MOUNTED]	EA	1	2,500.00	2,500.00	2,000.00	2,000.00
222	562001	METAL (ROADSIDE SIGN) [WALL MOUNTED]	EA	8	300.00	2,400.00	190.00	1,520.00
223	562001	METAL (ROADSIDE SIGN) [LIGHT POLE MOUNTED]	EA	16	250.00	4,000.00	175.00	2,800.00
224	562001	METAL (ROADSIDE SIGN) [FENCE MOUNTED]	EA	12	250.00	3,000.00	125.00	1,500.00
225	566011	ROADSIDE SIGN - ONE POST	EA	44	300.00	13,200.00	430.00	18,920.00
226	566012	ROADSIDE SIGN - TWO POST	EA	3	700.00	2,100.00	1,450.00	4,350.00
227	000001	ITEM DELETED BY ADDENDUM	---	---	---	---	---	---
228	000003	FURNISH 12-INCH DUCTILE IRON PIPE (PRESSURE CLASS 350).	LF	280	85.00	23,800.00	98.00	27,440.00
229	000003	INSTALL 12-INCH DUCTILE IRON PIPE COMPLETE PER PLAN AND CWD-040-1 & 2.	LF	280	125.00	35,000.00	78.00	21,840.00
230	000003	FURNISH 20-INCH DUCTILE IRON PIPE (PRESSURE CLASS 250).	LF	420	175.00	73,500.00	160.00	67,200.00
231	000003	INSTALL 20-INCH DUCTILE IRON PIPE COMPLETE PER PLAN AND CWD-040-1 & 2.	LF	420	60.00	25,200.00	98.00	41,160.00
232	000003	FURNISH AND INSTALL TEMPORARY HIGHLINE, INCLUDING ALL FITTINGS AND APPURTENANCES, PER PLAN.	LS	1	16,500.00	16,500.00	20,000.00	20,000.00
233	000003	FURNISH AND INSTALL 24-INCH STEEL SPLIT CASING, PER PLAN	LF	50	200.00	10,000.00	390.00	19,500.00

**Riverside County Transportation Department  
Summary of Bids**

**PROJECT:** Magnolia Avenue/BNSF Railway Grade Separation Project  
between Lincoln Street and Buchanan Street in the City of  
Riverside and Home Gardens area

Advertised: September 10, 2013 (Agenda Item: 3-94)  
Addenda: 1 (10/2/2013), 2 (10/17/2013)  
Bids Open: 2 pm Date: Wednesday, October 23, 2013

**PROJECT NO. B7-0784, Federal Aid No. TCIFCML - 59556(193)**

BASE BID (continued)		2		3					
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
234	000003	FURNISH AND INSTALL 2-INCH WATER SERVICE PER CWD-601	EA	1	7,000.00	7,000.00	7,000.00	5,100.00	5,100.00
235	000003	FURNISH AND INSTALL FIRE HYDRANT ASSEMBLY COMPLETE PER CWD-700	EA	1	7,000.00	7,000.00	7,000.00	10,500.00	10,500.00
236	000003	FURNISH AND INSTALL 4" TEMPORARY BLOW-OFF ASSEMBLY COMPLETE PER CWD-413, RESTRAIN ALL JOINTS	EA	4	2,000.00	8,000.00	8,000.00	4,300.00	17,200.00
237	000003	FURNISH AND INSTALL 2-INCH AIR VALVE PER CWD-451	EA	1	4,000.00	4,000.00	4,000.00	5,000.00	5,000.00
238	000003	FURNISH AND INSTALL 12-INCH RESILIENT WEDGE GATE VALVE AND VALVE BOX PER CWD-500 AND CWD-515	EA	1	4,500.00	4,500.00	4,500.00	4,400.00	4,400.00
239	000003	FURNISH AND INSTALL 6-INCH BLOW-OFF PER CWD-410-A	EA	2	9,000.00	18,000.00	18,000.00	16,000.00	32,000.00
240	000003	TESTING, CHLORINATION, SANITARY SAMPLES, FLUSHING AND DISPOSAL OF CHLORINATED WATER	LS	1	7,000.00	7,000.00	7,000.00	68,000.00	68,000.00
241	000003	FURNISH AND INSTALL SYSTEM CONNECTIONS, INCLUDING ALL NECESSARY PIPING AND APPURTENANCES COMPLETE PER PLAN	LS	1	14,000.00	14,000.00	14,000.00	58,000.00	58,000.00
242	000003	PROVIDE TRENCH SHORING, BRACING, AND PLATING, INCLUDING PLANS AND PERMITS	LS	1	10,000.00	10,000.00	10,000.00	2,400.00	2,400.00
243	190101	ROADWAY EXCAVATION	CY	25,750	1.00	25,750.00	25,750.00	10.00	257,500.00
244	000003	EDISON STREET LIGHT SYSTEM	LS	1	30,000.00	30,000.00	30,000.00	60,000.00	60,000.00
245	000003	PIPE HANDRAILING	LF	227	120.00	27,240.00	27,240.00	115.00	26,105.00
246	120100	TRAFFIC CONTROL SYSTEM [MISCELLANEOUS AND NON-RAILROAD FLAGGING] RELATIONS WITH RAILROAD [INCLUDING RAILROAD FLAGGING]	LS	1	614,999.24	614,999.24	614,999.24	200,000.00	200,000.00
247	066020	RELATIONS WITH RAILROAD [INCLUDING RAILROAD FLAGGING]	LS	1	700,000.00	700,000.00	700,000.00	300,000.00	300,000.00
<b>BASE BID SUBTOTAL</b>							<b>34,699,006.94</b>		<b>35,213,159.31</b>
<b>ITEMS 1 - 247</b>									
<b>ALTERNATE 1 BID SCHEDULE (HGSD)</b>		<b>2</b>		<b>3</b>					
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
248	152475	ADJUST SEWER MANHOLE	EA	9	725.00	6,525.00	6,525.00	400.00	3,600.00
249	000003	8" HIGH STRENGTH VCP SEWER MAIN	LF	76	65.00	4,940.00	4,940.00	250.00	19,000.00
250	000001	ITEM DELETED BY ADDENDUM							
251	000003	48" PRECAST CONCRETE MANHOLE	EA	1	6,700.00	6,700.00	6,700.00	4,700.00	4,700.00
252	000003	CONNECTION TO EXISTING MANHOLE	EA	2	850.00	1,700.00	1,700.00	8,000.00	16,000.00
253	000003	REMOVE AND DISPOSE OF EXISTING 8" CIP SEWER	LF	78	30.00	2,340.00	2,340.00	95.00	7,410.00
254	000003	TEMPORARY SEWER BYPASS	LS	1	5,800.00	5,800.00	5,800.00	1,000.00	1,000.00
<b>ALT. 1 BID SCH. SUBTOTAL</b>							<b>28,005.00</b>		<b>51,710.00</b>
<b>ITEMS 248 - 254</b>									
<b>PROJECT TOTAL</b>							<b>34,727,011.94</b>		<b>35,264,869.31</b>
<b>ITEMS 1 - 254</b>									

**Riverside County Transportation Department  
Summary of Bids**

Advertised: September 10, 2013 (Agenda Item: 3-94)  
Addenda: 1 (10/2/2013), 2 (10/17/2013)  
Bids Open: 2 pm Date: Wednesday, October 23, 2013

**PROJECT:** Magnolia Avenue/BNSF Railway Grade Separation Project  
between Lincoln Street and Buchanan Street in the City of  
Riverside and Home Gardens area

**PROJECT NO. B7-0784, Federal Aid No. TCIFCML - 5956(193)**

BASE BID ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	4		5	
					BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
1	015602	FUNDING AWARENESS SIGN	EA	2	500.00	1,000.00	1,500.00	3,000.00
2	019902	COURSE OF CONSTRUCTION INSURANCE	LS	1	100,000.00	100,000.00	100,000.00	100,000.00
3	066105	RESIDENT ENGINEERS OFFICE	LS	1	50,000.00	50,000.00	50,000.00	50,000.00
4	070012	PROGRESS SCHEDULE (CRITICAL PATH METHOD)	LS	1	8,000.00	8,000.00	8,000.00	8,000.00
5	074016	CONSTRUCTION SITE MANAGEMENT	LS	1	25,000.00	25,000.00	8,000.00	8,000.00
6	066102	DUST ABATEMENT	LS	1	50,000.00	50,000.00	50,000.00	50,000.00
7	148005	NOISE MONITORING	LS	1	2,500.00	2,500.00	50,000.00	50,000.00
8	170101	DEVELOP WATER SUPPLY	LS	1	36,000.00	36,000.00	36,000.00	36,000.00
9	190110	LEAD COMPLIANCE PLAN	LS	1	2,500.00	2,500.00	5,000.00	5,000.00
10	760090	MOBILIZATION, DEMOBILIZATION AND FINAL CLEANUP	LS	1	1,750,000.00	1,750,000.00	1,750,000.00	1,750,000.00
11	074019	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	1	5,000.00	5,000.00	10,000.00	10,000.00
12	074020	WATER POLLUTION CONTROL	LS	1	50,000.00	50,000.00	82,500.00	82,500.00
13	120090	CONSTRUCTION AREA SIGNS	LS	1	85,000.00	85,000.00	35,000.00	35,000.00
14	120110	FLASHING ARROW SIGN	EA	9	2,500.00	22,500.00	6,000.00	54,000.00
15	120120	TYPE III BARRICADE	EA	74	100.00	7,400.00	150.00	11,100.00
16	120149	TEMPORARY PAVEMENT MARKING (PAINT)	SQFT	1,610	3.00	4,830.00	3.00	4,830.00
17	120159	TEMPORARY TRAFFIC STRIPE (PAINT)	LF	28,880	0.60	17,328.00	0.60	17,328.00
18	120165	CHANNELIZER (SURFACE MOUNTED)	EA	810	30.00	24,300.00	29.00	23,490.00
19	120300	TEMPORARY PAVEMENT MARKER	EA	320	15.00	4,800.00	15.00	4,800.00
20	128660	PORTABLE CHANGEABLE MESSAGE SIGN	EA	2	10,000.00	20,000.00	25,000.00	50,000.00
21	129000	TEMPORARY RAILING (TYPE K)	LF	16,300	15.00	244,500.00	23.00	374,900.00
22	129100	TEMPORARY CRASH CUSHION MODULE (TS11)	EA	220	250.00	55,000.00	325.00	71,500.00
23	129110	TEMPORARY CRASH CUSHION (ABSORB 350)	EA	6	2,500.00	15,000.00	7,500.00	45,000.00
24	129150	TEMPORARY TRAFFIC SCREEN	LF	8,200	6.00	49,200.00	3.50	28,700.00
25	833077	PEDESTRIAN BARRICADE (ROADSIDE SIGN)	EA	2	100.00	200.00	750.00	1,500.00
26	860400	LIGHTING (TEMPORARY)	LS	1	50,000.00	50,000.00	125,000.00	125,000.00
27	160101	CLEARING AND GRUBBING (SEE SPECIAL PROVISIONS FOR ADDITIONAL WORK)	LS	1	45,000.00	45,000.00	45,000.00	45,000.00
28	151251	SALVAGE IRRIGATION FACILITY	EA	1	5,000.00	5,000.00	15,000.00	15,000.00
29	151281	SALVAGE ROADSIDE SIGN	EA	5	150.00	750.00	175.00	875.00
30	011511(F)	REMOVE MISCELLANEOUS ITEMS [BUMPER POLE]	EA	5	100.00	500.00	400.00	2,000.00
31	011511(F)	REMOVE MISCELLANEOUS ITEMS [BLOCK PLANTER WALL]	LF	43	13.00	559.00	100.00	4,300.00
32	011511	REMOVE MISCELLANEOUS ITEMS [PARKING BUMPER]	EA	30	27.00	810.00	50.00	1,500.00
33	000003	REMOVE MASONRY WALL	LF	370	7.00	2,590.00	75.00	27,750.00
34	141101(F)	REMOVE YELLOW PAINTED TRAFFIC STRIPE (HAZARDOUS WASTE)	LF	1,639	1.00	1,639.00	1.00	1,639.00
35	150605	REMOVE FENCE [WROUGHT IRON FENCE AND GATE]	LF	70	23.50	1,645.00	20.00	1,400.00
36	150608	REMOVE CHAIN LINK FENCE	LF	120	13.75	1,650.00	12.00	1,440.00
37	150662	REMOVE METAL BEAM GUARD RAILING	LF	640	21.00	13,440.00	25.00	16,000.00
38	150711(F)	REMOVE PAINTED TRAFFIC STRIPE	LF	7,474	1.00	7,474.00	1.00	7,474.00
39	150829	REMOVE RETAINING WALL	LF	70	10.00	700.00	100.00	7,000.00

**Riverside County Transportation Department  
Summary of Bids**

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between Lincoln Street and Buchanan Street in the City of  
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Advertised: September 10, 2013 (Agenda Item: 3-94)  
Addenda: 1 (10/2/2013), 2 (10/17/2013)  
Bids Open: 2 pm Date: Wednesday, October 23, 2013

**PROJECT NO. B7-0784, Federal Aid No. TCIFCML - 5956(193)**

BASE BID (continued) ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	4		5	
					BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
40	150805	REMOVE CULVERT	LF	70	50.00	3,500.00	30.00	2,100.00
41	150807	REMOVE STORM DRAIN [12"]	LF	21	27.00	567.00	60.00	1,260.00
42	150807	REMOVE STORM DRAIN [15"]	LF	81	31.00	2,511.00	60.00	4,860.00
43	150807	REMOVE STORM DRAIN [18"]	LF	590	35.00	20,650.00	55.00	32,450.00
44	150807	REMOVE STORM DRAIN [21"]	LF	150	39.00	5,850.00	60.00	9,000.00
45	150807	REMOVE STORM DRAIN [33"]	LF	38	52.00	1,976.00	75.00	2,850.00
46	150807	REMOVE STORM DRAIN [18" ASBESTOS]	LF	144	203.00	29,232.00	130.00	18,720.00
47	150821	REMOVE HEADWALL [EXISTING]	EA	4	2,090.00	8,360.00	3,000.00	12,000.00
48	150826	REMOVE MANHOLE [EXISTING]	EA	1	2,300.00	2,300.00	4,000.00	4,000.00
49	150827	REMOVE CATCH BASIN [EXISTING]	EA	9	1,860.00	16,740.00	3,000.00	27,000.00
50	153120(F)	REMOVE CONCRETE (DITCH)	LF	1,980	4.50	8,910.00	9.00	17,820.00
51	153140(F)	REMOVE CONCRETE SIDEWALK	SQYD	1,488	6.00	8,928.00	13.00	19,344.00
52	153210	REMOVE CONCRETE (PAVERS)	SQYD	500	5.50	2,750.00	22.00	11,000.00
53	153210	REMOVE CONCRETE (ACCESS RAMP)	SQYD	260	5.00	1,300.00	13.00	3,380.00
54	153210	REMOVE CONCRETE (DRIVEWAY AND APPROACH)	SQYD	420	9.00	3,780.00	14.00	5,880.00
55	153210	REMOVE CONCRETE (CROSS GUTTER AND SPANDRAL)	SQYD	200	8.00	1,600.00	20.00	4,000.00
56	153210	REMOVE CONCRETE (PILASTER)	EA	1	1,500.00	1,500.00	5,000.00	5,000.00
57	153210	REMOVE CONCRETE (STAMPED)	SQYD	6,150	8.00	49,200.00	12.00	73,800.00
58	153130	REMOVE CONCRETE CURB	LF	3,920	1.50	5,880.00	6.00	23,520.00
59	153215(F)	REMOVE CONCRETE (CURB AND GUTTER)	LF	9,313	3.20	29,801.60	6.00	55,878.00
60	150846	REMOVE CONCRETE PAVEMENT	CY	1,700	39.00	66,300.00	60.00	102,000.00
61	150769(F)	REMOVE ASPHALT CONCRETE	CY	5,045	20.00	100,900.00	40.00	201,800.00
62	150769	REMOVE ASPHALT CONCRETE (WALKWAY)	CY	250	46.00	11,500.00	75.00	18,750.00
63	150771	REMOVE ASPHALT CONCRETE DIKE	LF	660	2.50	1,650.00	8.00	5,280.00
64	153121	REMOVE CONCRETE	CY	6	500.00	3,000.00	200.00	1,200.00
65	160120(F)	REMOVE TREE	EA	190	637.00	121,030.00	550.00	104,500.00
66	160120(F)	REMOVE TREE [PALM]	EA	32	935.00	29,920.00	700.00	22,400.00
67	152255	RESET MAILBOX	EA	4	400.00	1,600.00	200.00	800.00
68	152379	RELOCATE FENCE [WROUGHT IRON FENCE AND GATE]	LF	60	241.00	14,460.00	200.00	12,000.00
69	152379	RELOCATE FENCE [CHAIN LINK FENCE AND GATE]	LF	560	21.00	11,760.00	27.00	15,120.00
70	152390	RELOCATE ROADSIDE SIGN	EA	10	300.00	3,000.00	200.00	2,000.00
71	152394	RELOCATE SIGN STRUCTURE	EA	2	2,500.00	5,000.00	15,000.00	30,000.00
72	150206	ABANDON CULVERT	LF	720	17.00	12,240.00	30.00	21,600.00
73	155003(F)	CAP INLET	EA	2	640.00	1,280.00	1,000.00	2,000.00
74	152440	ADJUST MANHOLE TO GRADE	EA	6	750.00	4,500.00	600.00	3,600.00
75	000003(F)	CLEANOUT BOX (CITY 425)	EA	1	3,000.00	3,000.00	5,000.00	5,000.00
76	000003	GRATING CATCH BASIN (W=6.40', SPPWC 304-3)	EA	4	5,500.00	22,000.00	9,500.00	38,000.00
77	000003	GRATING CATCH BASIN (W=2.95', SPPWC 304-3)	EA	1	4,500.00	4,500.00	5,000.00	5,000.00
78	000003	PRECAST CATCH BASIN (2' X 2')	EA	1	2,000.00	2,000.00	4,000.00	4,000.00

**M.C.M. Construction**  
North Highlands, CA 92660

**USS Cal Builders**  
Stanton, CA 90680

**Riverside County Transportation Department  
Summary of Bids**

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**PROJECT NO. B7-0784, Federal Aid No. TCIFCML - 5956(193)**

BASE BID (continued) ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	4		5	
					BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
79	000003	TRANSITION STRUCTURE RCB-PIPE (SPWVC 342-2)	EA	2	6,500.00	13,000.00	4,000.00	8,000.00
80	000003	JUNCTION STRUCTURE (CITY 422)	EA	1	3,500.00	3,500.00	4,000.00	4,000.00
81	703203	CORRUGATED STEEL PIPE RISER (.138" THICK)	EA	1	2,130.00	2,130.00	2,500.00	2,500.00
82	000003(F)	PRECAST CONCRETE PIPE INLET (CALTRANS D75B)	EA	2	2,000.00	4,000.00	3,500.00	7,000.00
83	000003(F)	DETENTION BASIN EXCAVATION	CY	352	27.00	9,504.00	50.00	17,600.00
84	013902	ASPHALT CONCRETE OVERSIDE DRAIN (CRS 306)	EA	2	2,500.00	5,000.00	3,000.00	6,000.00
85	015101	CLASS B CONCRETE COLLAR (RCFC&WCDS M803)	EA	4	1,000.00	4,000.00	1,000.00	4,000.00
86	017003	CATCH BASIN (CURB INLET) (CRS 300) [W=2'1"]	EA	1	7,500.00	7,500.00	13,000.00	13,000.00
87	017003	CATCH BASIN (CURB INLET) (CRS 300) [W=1'4"]	EA	1	6,500.00	6,500.00	10,000.00	10,000.00
88	017003	CATCH BASIN (CURB INLET) (CRS 300) [W=7']	EA	1	5,500.00	5,500.00	8,000.00	8,000.00
89	017003	CATCH BASIN (CURB INLET) (CRS 300) [W=4']	EA	3	4,660.00	13,980.00	6,500.00	19,500.00
90	000001	ITEM DELETED BY ADDENDUM						
91	017005	CATCH BASIN (COMBINATION INLET) (CRS 302 - NO.2) [W=6.40']	EA	2	6,500.00	13,000.00	9,000.00	18,000.00
92	017101	MANHOLE (RCFC&WCDS MH251)	EA	2	5,000.00	10,000.00	6,500.00	13,000.00
93	017105	JUNCTION STRUCTURE (RCFC&WCDS JS 227)	EA	6	1,000.00	6,000.00	3,500.00	21,000.00
94	017110	MANHOLE (RCFC&WCDS MH254) [NO.4]	EA	1	6,500.00	6,500.00	7,000.00	7,000.00
95	017111	JUNCTION STRUCTURE (RCFC&WCDS JS 229)	EA	1	5,320.00	5,320.00	1,500.00	1,500.00
96	510090(F)	STRUCTURAL CONCRETE, BOX CULVERT [CALTRANS D80] (3' X 1.5')	LF	58	400.00	23,200.00	300.00	17,400.00
97	510501(F)	MINOR CONCRETE (BULKHEAD)	EA	16	730.00	11,680.00	1,200.00	19,200.00
98	510501(F)	MINOR CONCRETE (INLET DEPRESSION) (CALTRANS D78C)	CY	4	670.00	2,680.00	1,100.00	4,400.00
99	510535(F)	MINOR CONCRETE (HEADWALL)	EA	1	3,500.00	3,500.00	6,000.00	6,000.00
100	620800(F)	CONCRETE BACKFILL (PIPE TRENCH)	CY	2	400.00	800.00	750.00	1,500.00
101	650014	18" REINFORCED CONCRETE PIPE	LF	580	145.00	84,100.00	75.00	43,500.00
102	650018	24" REINFORCED CONCRETE PIPE	LF	1,500	172.00	258,000.00	83.00	124,500.00
103	650026	36" REINFORCED CONCRETE PIPE	LF	660	198.00	130,680.00	170.00	112,200.00
104	700617	DRAINAGE INLET MARKER	EA	19	100.00	1,900.00	250.00	4,750.00
105	703514	8" WELDED STEEL PIPE (.105" THICK)	LF	62	97.00	6,014.00	250.00	15,500.00
106	705204(F)	18" CONCRETE FLARED END SECTION	EA	1	2,330.00	2,330.00	2,500.00	2,500.00
107	709904	CATCH BASIN (TYPE 1) (CITY 400) [W=14']	EA	3	6,500.00	19,500.00	9,000.00	27,000.00
108	709904	CATCH BASIN (CITY 407) [W=14']	EA	1	6,500.00	6,500.00	10,000.00	10,000.00
109	719300	MANHOLE (CITY 431)	EA	3	5,000.00	15,000.00	6,200.00	18,600.00
110	721011(F)	ROCK SLOPE PROTECTION (BACKING NO. 2, METHOD B)	CY	38	171.00	6,498.00	300.00	11,400.00
111	721420	CONCRETE (DITCH LINING)	CY	13	550.00	7,150.00	650.00	8,450.00
112	721431	CONCRETE (CONCRETE APRON)	CY	1	800.00	800.00	1,000.00	1,000.00
113	731507(F)	MINOR CONCRETE (GUTTER DEPRESSION) (CRS 311)	CY	13	670.00	8,710.00	1,000.00	13,000.00
114	731507(F)	MINOR CONCRETE (GUTTER DEPRESSION) (CRS 312)	CY	1	670.00	670.00	1,000.00	1,000.00
115	192003(F)	STRUCTURE EXCAVATION (BRIDGE)	CY	1,558	300.00	467,400.00	45.00	70,110.00
116	192037(F)	STRUCTURE EXCAVATION (RETAINING WALL)	CY	570	50.00	28,500.00	50.00	28,500.00
117	193003(F)	STRUCTURE BACKFILL (BRIDGE)	CY	1,227	25.00	30,675.00	60.00	73,620.00

**Riverside County Transportation Department**  
**Summary of Bids**

**PROJECT:** Magnolia Avenue/BNSF Railway Grade Separation Project  
 between Lincoln Street and Buchanan Street in the City of  
 Riverside and Home Gardens area

Advertised: September 10, 2013 (Agenda Item: 3-94)  
 Addenda: 1 (10/2/2013), 2 (10/17/2013)  
 Bids Open: 2 pm Date: Wednesday, October 23, 2013

**PROJECT No. B7-0784, Federal Aid No. TCIFCML - 5956(193)**

ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	4		5	
					BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
118	193013(F)	STRUCTURE BACKFILL (RETAINING WALL)	CY	624	25.00	15,600.00	65.00	40,560.00
119	198010(F)	IMPORTED BORROW	CY	10,785	7.50	80,887.50	10.00	107,850.00
120	000003	CITRUS LABEL TILES	EA	23	1,000.00	23,000.00	1,500.00	34,500.00
121	000003	INTERPRETIVE PANEL TILES	EA	10	5,000.00	50,000.00	2,500.00	25,000.00
122	151509	RECONSTRUCT DRAINAGE FACILITY (ARLINGTON CHANNEL WALL AT CIDH PILE)	LS	1	15,000.00	15,000.00	60,000.00	60,000.00
123	000003	POST GROUTING CIDH PILE	EA	7	27,290.00	191,030.00	35,000.00	245,000.00
124	151509	RECONSTRUCT DRAINAGE FACILITY (ARLINGTON CHANNEL UC AT TEMP BRIDGE)	LS	1	15,000.00	15,000.00	100,000.00	100,000.00
125	151540	RECONSTRUCT CHAIN LINK FENCE	LF	87	70.00	6,090.00	32.00	2,784.00
126	477020	MECHANICALLY STABILIZED EMBANKMENT [TEMPORARY RETAINING WALL]	SQFT	4,530	20.50	92,865.00	30.00	135,900.00
127	477021(F)	MECHANICALLY STABILIZED EMBANKMENT, LOCATION A	SQFT	8,658	45.00	389,610.00	61.00	528,138.00
128	477022(F)	MECHANICALLY STABILIZED EMBANKMENT, LOCATION B	SQFT	8,226	47.00	386,622.00	61.00	501,786.00
129	477023(F)	MECHANICALLY STABILIZED EMBANKMENT, LOCATION C	SQFT	1,704	49.00	83,496.00	61.00	103,944.00
130	480600	TEMPORARY SHORING [ARLINGTON CHANNEL WALL]	LS	1	25,000.00	25,000.00	108,000.00	108,000.00
131	490508	FURNISH STEEL PILING (HP 10 X 57)	LF	253	20.00	5,060.00	48.00	12,144.00
132	490509	DRIVE STEEL PILE (HP 10 X 57)	EA	10	1,000.00	10,000.00	1,500.00	15,000.00
133	490528	FURNISH STEEL PILING (HP 14 X 89)	LF	4,364	40.00	174,560.00	48.00	209,472.00
134	490529	DRIVE STEEL PILE (HP 14 X 89)	EA	115	1,200.00	138,000.00	1,500.00	172,500.00
135	490823	16" CAST-IN-DRILLED-HOLE CONCRETE PILING	LF	1,519	2,600.00	3,949,400.00	2,800.00	4,253,200.00
136	500001	PRESTRESSING CAST-IN-PLACE CONCRETE (LONGITUDINAL)	LS	1	350,000.00	350,000.00	375,000.00	375,000.00
137	500001	PRESTRESSING CAST-IN-PLACE CONCRETE (TRANSVERSE)	LS	1	600,000.00	600,000.00	640,000.00	640,000.00
138	510050(F)	STRUCTURAL CONCRETE (SIDEWALK SLAB)	CY	65	600.00	39,000.00	400.00	26,000.00
139	510051(F)	STRUCTURAL CONCRETE, BRIDGE FOOTING	CY	314	450.00	141,300.00	300.00	94,200.00
140	510053(F)	STRUCTURAL CONCRETE, BRIDGE	CY	13,315	1,079.25	14,370,213.75	650.00	8,664,750.00
141	510060(F)	STRUCTURAL CONCRETE, RETAINING WALL	CY	245	450.00	110,250.00	650.00	159,250.00
142	510072(F)	STRUCTURAL CONCRETE, BARRIER SLAB	CY	516	450.00	232,200.00	400.00	206,400.00
143	510086(F)	STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N)	CY	197	550.00	108,350.00	500.00	98,500.00
144	511035(F)	ARCHITECTURAL TREATMENT	SQFT	4,090	5.00	20,450.00	25.00	102,250.00
145	511047(F)	ANTI-GRAFFITI COATING	SQFT	69,820	0.75	52,365.00	0.70	48,874.00
146	518051	PTFE SPHERICAL BEARING [HINGE]	EA	7	2,500.00	17,500.00	8,000.00	56,000.00
147	518051	PTFE SPHERICAL BEARING [ABUTMENT 11]	EA	7	3,000.00	21,000.00	9,000.00	63,000.00
148	519089	JOINT SEAL ASSEMBLY [MR 10 1/2"]	LF	77	1,000.00	77,000.00	1,500.00	115,500.00
149	519095	JOINT SEAL ASSEMBLY [MR 4"]	LF	75	120.00	9,000.00	300.00	22,500.00
150	519109	JOINT SEAL ASSEMBLY [MR 6 1/2"]	LF	79	750.00	59,250.00	1,200.00	94,800.00
151	520102(F)	BAR REINFORCING STEEL (BRIDGE)	LB	4,857,853	0.75	3,643,389.75	0.87	4,226,332.11
152	520103(F)	BAR REINFORCING STEEL (RETAINING WALL)	LB	26,368	1.00	26,368.00	1.20	31,641.60
153	550102(F)	STRUCTURAL STEEL (BRIDGE)	LB	27,069	2.00	54,138.00	6.00	162,414.00
154	550203(F)	FURNISH STRUCTURAL STEEL (BRIDGE)	LB	22,497	0.50	11,248.50	2.00	44,994.00
155	550204(F)	ERECT STRUCTURAL STEEL (BRIDGE)	LB	22,497	0.20	4,499.40	1.00	22,497.00
156	590115	CLEAN AND PAINT STRUCTURAL STEEL	LS	1	4,000.00	4,000.00	70,000.00	70,000.00



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**PROJECT:** Magnolia Avenue/BNSF Railway Grade Separation Project  
between Lincoln Street and Buchanan Street in the City of  
Riverside and Home Gardens area

**PROJECT No. B7-0784, Federal Aid No. TCIFCML - 59556(193)**

BASE BID (continued)		CONTRACT ITEM		M.C.M. Construction North Highlands, CA 92660		USS Cal Builders Stanton, CA 90680	
ITEM NO.	ITEM CODE	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
157	703450	LF	84	200.00	16,800.00	300.00	25,200.00
158	731517	LF	151	75.00	11,325.00	50.00	7,550.00
159	750041(F)	LB	29,150	2.00	58,300.00	20.00	583,000.00
160	750496(F)	LB	15,003	2.00	30,006.00	20.00	300,060.00
161	750498(F)	LB	1,775	3.00	5,325.00	7.00	12,425.00
162	750501(F)	LB	6,601	3.00	19,803.00	5.00	33,005.00
163	750505(F)	LB	11,963	3.00	35,889.00	6.00	71,778.00
164	071321	LF	68	30.00	2,040.00	17.00	1,156.00
165	833000(F)	LF	321	160.00	51,360.00	270.00	86,670.00
166	833000(F)	LF	2,925	300.00	877,500.00	375.00	1,096,875.00
167	833000(F)	LF	169	180.00	30,420.00	200.00	33,800.00
168	833088(F)	LF	1,463	70.00	102,410.00	78.00	114,114.00
169	000003(F)	LF	1,509	45.00	67,905.00	120.00	181,080.00
170	833142(F)	LF	137	145.00	19,865.00	120.00	16,440.00
171	839401(F)	LF	330	225.00	74,250.00	218.00	71,940.00
172	839521(F)	LF	135	32.00	4,320.00	25.00	3,375.00
173	839704(F)	LF	700	45.00	31,500.00	60.00	42,000.00
174	839717(F)	LF	3,902	48.00	187,296.00	100.00	390,200.00
175	839721(F)	LF	178	60.00	10,680.00	85.00	15,130.00
176	017305	LF	4,430	19.00	84,170.00	25.00	110,750.00
177	017309	LF	1,530	19.40	29,682.00	20.00	30,600.00
178	017315	EA	2	1,800.00	3,600.00	2,000.00	4,000.00
179	017316	EA	4	1,800.00	7,200.00	2,000.00	8,000.00
180	510501	LF	250	46.00	11,500.00	100.00	25,000.00
181	510501	LF	1,470	20.00	29,400.00	30.00	44,100.00
182	513553(F)	LF	83	400.00	33,200.00	500.00	41,500.00
183	513570(F)	LF	111	160.00	17,760.00	250.00	27,750.00
184	513570(F)	LF	191	250.00	47,750.00	490.00	93,590.00
185	513570(F)	LF	162	350.00	56,700.00	500.00	81,000.00
186	730040	LF	130	44.00	5,720.00	30.00	3,900.00
187	731504	LF	1,030	40.40	41,612.00	25.00	25,750.00
188	731504	LF	160	40.40	6,464.00	30.00	4,800.00
189	731516	SQFT	2,210	7.30	16,133.00	8.00	17,680.00
190	731516	SQFT	590	7.30	4,307.00	8.00	4,720.00
191	731516	SQFT	340	7.30	2,482.00	8.00	2,720.00
192	731516	SQFT	630	7.30	4,599.00	8.00	5,040.00
193	731519	SQFT	330	9.85	3,250.50	15.00	4,950.00
194	731521	SQFT	10,320	4.20	43,344.00	3.50	36,120.00
195	731623	EA	2	1,800.00	3,600.00	2,500.00	5,000.00

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**PROJECT NO. B7-0784, Federal Aid No. TCIFCML - 5956(193)**

BASE BID (continued) ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	4		5	
					BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
196	731623	MINOR CONCRETE (CURB RAMP) [DETAIL 1]	EA	1	1,800.00	1,800.00	2,500.00	2,500.00
197	735000(F)	PARKING BUMPER (PRECAST CONCRETE)	EA	27	35.00	945.00	75.00	2,025.00
198	800300(F)	CHAIN LINK FENCE [H = 6']	LF	1,484	42.00	62,328.00	40.00	59,360.00
199	800360(F)	CHAIN LINK FENCE (TYPE CL-6)	LF	210	36.00	7,980.00	20.00	4,200.00
200	801340(F)	METAL GATE [WROUGHT IRON, 26']	EA	1	20,000.00	20,000.00	30,000.00	30,000.00
201	000003	WROUGHT IRON FENCE	LF	17	300.00	5,100.00	310.00	5,270.00
202	802620(F)	16' CHAIN LINK GATE (TYPE CL-6)	EA	2	2,900.00	5,800.00	2,500.00	5,000.00
203	011508(F)	COLD PLANE ASPHALT CONCRETE PAVEMENT (.17') [MAX]	SQYD	3,487	1.70	5,927.90	3.00	10,461.00
204	260201	CLASS 2 AGGREGATE BASE	CY	11,200	37.00	414,400.00	30.00	336,000.00
205	377501(F)	SLURRY SEAL	SQYD	579	11.00	6,369.00	8.00	4,632.00
206	390132	HOT MIX ASPHALT (TYPE A)	TON	15,500	67.00	1,038,500.00	70.00	1,085,000.00
207	510501	MINOR CONCRETE [PCC PAVEMENT]	CY	630	245.00	154,350.00	330.00	207,900.00
208	220101	FINISHING ROADWAY	LS	1	15,000.00	15,000.00	200,000.00	200,000.00
209	066827	STRIPING AND PAVEMENT MARKERS (THERMOPLASTIC)	LS	1	33,381.00	33,381.00	33,000.00	33,000.00
210	208000	IRRIGATION SYSTEM	LS	1	197,000.00	197,000.00	290,000.00	290,000.00
211	000003	LANDSCAPE IMPROVEMENTS	LS	1	220,000.00	220,000.00	130,000.00	130,000.00
212	860201	SIGNAL AND LIGHTING	LS	1	500,000.00	500,000.00	650,000.00	650,000.00
213	860460	LIGHTING AND SIGN ILLUMINATION	LS	1	600,000.00	600,000.00	750,000.00	750,000.00
214	000003(F)	CRASH CUSHION (TYPE TRACC)	EA	1	20,000.00	20,000.00	25,000.00	25,000.00
215	832001	METAL BEAM GUARD RAILING	LF	88	58.00	5,104.00	30.00	2,640.00
216	839541(F)	TRANSITION RAILING (TYPE WB)	EA	1	3,300.00	3,300.00	3,200.00	3,200.00
217	839595(F)	ALTERNATIVE FLARED TERMINAL SYSTEM	EA	1	2,800.00	2,800.00	3,000.00	3,000.00
218	000003	RECONSTRUCT BOLLARD	EA	5	500.00	2,500.00	600.00	3,000.00
219	000003	RECONSTRUCT BACKFLOW PREVENTER AND COVER	EA	9	3,000.00	27,000.00	5,000.00	45,000.00
220	000003	RECONSTRUCT MONUMENT SIGN	EA	2	800.00	1,600.00	18,000.00	36,000.00
221	562001	METAL (ROADSIDE SIGN) [BARRIER MOUNTED]	EA	1	500.00	500.00	2,000.00	2,000.00
222	562001	METAL (ROADSIDE SIGN) [WALL MOUNTED]	EA	8	300.00	2,400.00	120.00	960.00
223	562001	METAL (ROADSIDE SIGN) [LIGHT POLE MOUNTED]	EA	16	400.00	6,400.00	140.00	2,240.00
224	562001	METAL (ROADSIDE SIGN) [FENCE MOUNTED]	EA	12	300.00	3,600.00	80.00	960.00
225	566011	ROADSIDE SIGN - ONE POST	EA	44	200.00	8,800.00	300.00	13,200.00
226	566012	ROADSIDE SIGN - TWO POST	EA	3	500.00	1,500.00	800.00	2,400.00
227	000001	ITEM DELETED BY ADDENDUM	---	---	---	---	---	---
228	000003	FURNISH 12-INCH DUCTILE IRON PIPE (PRESSURE CLASS 350).	LF	280	33.00	9,240.00	65.00	18,200.00
229	000003	INSTALL 12-INCH DUCTILE IRON PIPE COMPLETE PER PLAN AND CWD-040-1 & 2.	LF	280	130.00	36,400.00	80.00	22,400.00
230	000003	FURNISH 20-INCH DUCTILE IRON PIPE (PRESSURE CLASS 250).	LF	420	53.00	22,260.00	130.00	54,600.00
231	000003	INSTALL 20-INCH DUCTILE IRON PIPE COMPLETE PER PLAN AND CWD-040-1 & 2.	LF	420	175.00	73,500.00	175.00	73,500.00
232	000003	FURNISH AND INSTALL TEMPORARY HIGHLINE, INCLUDING ALL FITTINGS AND APPURTENANCES, PER PLAN.	LS	1	20,000.00	20,000.00	25,000.00	25,000.00
233	000003	FURNISH AND INSTALL 24-INCH STEEL SPLIT CASING, PER PLAN	LF	50	253.00	12,650.00	350.00	17,500.00

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**PROJECT NO. B7-0784, Federal Aid No. TCIFCML - 5956(193)**

BASE BID (continued)		4		5				
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
234	000003	FURNISH AND INSTALL 2-INCH WATER SERVICE PER CWD-601	EA	1	2,390.00	2,390.00	5,500.00	5,500.00
235	000003	FURNISH AND INSTALL FIRE HYDRANT ASSEMBLY COMPLETE PER CWD-700	EA	1	6,790.00	6,790.00	8,000.00	8,000.00
236	000003	FURNISH AND INSTALL 4" TEMPORARY BLOW-OFF ASSEMBLY COMPLETE PER CWD-413. RESTRAIN ALL JOINTS	EA	4	1,140.00	4,560.00	3,000.00	12,000.00
237	000003	FURNISH AND INSTALL 2-INCH AIR VALVE PER CWD-451	EA	1	3,730.00	3,730.00	4,500.00	4,500.00
238	000003	FURNISH AND INSTALL 12-INCH RESILIENT WEDGE GATE VALVE AND VALVE BOX PER CWD-500 AND CWD-515	EA	1	2,130.00	2,130.00	4,200.00	4,200.00
239	000003	FURNISH AND INSTALL 6-INCH BLOW-OFF PER CWD-410-A	EA	2	3,460.00	6,920.00	8,000.00	16,000.00
240	000003	TESTING, CHLORINATION, SANITARY SAMPLES, FLUSHING AND DISPOSAL OF CHLORINATED WATER	LS	1	10,600.00	10,600.00	20,000.00	20,000.00
241	000003	FURNISH AND INSTALL SYSTEM CONNECTIONS, INCLUDING ALL NECESSARY PIPING AND APPURTENANCES COMPLETE PER PLAN	LS	1	8,780.00	8,780.00	28,000.00	28,000.00
242	000003	PROVIDE TRENCH SHORING, BRACING, AND PLATING, INCLUDING PLANS AND PERMITS	LS	1	14,600.00	14,600.00	75,000.00	75,000.00
243	190101	ROADWAY EXCAVATION	CY	25,750	1.00	25,750.00	42.00	1,081,500.00
244	000003	EDISON STREET LIGHT SYSTEM	LS	1	35,000.00	35,000.00	75,000.00	75,000.00
245	000003 (P-F)	PIPE HANDRAILING	LF	227	150.00	34,050.00	125.00	28,375.00
246	120100	TRAFFIC CONTROL SYSTEM [MISCELLANEOUS AND NON-RAILROAD FLAGGING]	LS	1	150,000.00	150,000.00	300,000.00	300,000.00
247	066020	RELATIONS WITH RAILROAD [INCLUDING RAILROAD FLAGGING]	LS	1	100,000.00	100,000.00	900,000.00	900,000.00
<b>BASE BID SUBTOTAL</b>						<b>36,264,456.90</b>		<b>37,181,839.71</b>
<b>ITEMS 1 - 247</b>								
ALTERNATE 1 BID SCHEDULE (HGSD)		4		5				
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
248	152475	ADJUST SEWER MANHOLE	EA	9	330.00	2,970.00	750.00	6,750.00
249	000003	8" HIGH STRENGTH VCP SEWER MAIN	LF	76	199.00	15,124.00	150.00	11,400.00
250	000001	ITEM DELETED BY ADDENDUM	---	---	---	---	---	---
251	000003	48" PRECAST CONCRETE MANHOLE	EA	1	6,000.00	6,000.00	7,500.00	7,500.00
252	000003	CONNECTION TO EXISTING MANHOLE	EA	2	4,500.00	9,000.00	3,700.00	7,400.00
253	000003	REMOVE AND DISPOSE OF EXISTING 8" CIP SEWER	LF	78	53.00	4,134.00	107.00	8,346.00
254	000003	TEMPORARY SEWER BYPASS	LS	1	4,660.00	4,660.00	24,000.00	24,000.00
<b>ALT. 1 BID SCH. SUBTOTAL</b>						<b>41,888.00</b>		<b>65,396.00</b>
<b>ITEMS 248 - 254</b>								
<b>PROJECT TOTAL</b>						<b>36,306,344.90</b>		<b>37,247,235.71</b>
<b>ITEMS 1 - 254</b>								

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BASE BID		Steve P. Rados, Inc. Santa Ana, CA 92705		6		
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE
1	015602	FUNDING AWARENESS SIGN	EA	2	1,500.00	3,000.00
2	019902	COURSE OF CONSTRUCTION INSURANCE	LS	1	100,000.00	100,000.00
3	066105	RESIDENT ENGINEERS OFFICE	LS	1	50,000.00	50,000.00
4	070012	PROGRESS SCHEDULE (CRITICAL PATH METHOD)	LS	1	8,000.00	8,000.00
5	074016	CONSTRUCTION SITE MANAGEMENT	LS	1	320,000.00	320,000.00
6	066102	DUST ABATEMENT	LS	1	40,000.00	40,000.00
7	148005	NOISE MONITORING	LS	1	4,000.00	4,000.00
8	170101	DEVELOP WATER SUPPLY	LS	1	36,000.00	36,000.00
9	190110	LEAD COMPLIANCE PLAN	LS	1	1,000.00	1,000.00
10	760090	MOBILIZATION, DEMOBILIZATION AND FINAL CLEANUP	LS	1	1,750,000.00	1,750,000.00
11	074019	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	1	3,000.00	3,000.00
12	074020	WATER POLLUTION CONTROL	LS	1	16,000.00	16,000.00
13	120090	CONSTRUCTION AREA SIGNS	LS	1	35,000.00	35,000.00
14	120110	FLASHING ARROW SIGN	EA	9	2,000.00	18,000.00
15	120120	TYPE III BARRICADE	EA	74	100.00	7,400.00
16	120149	TEMPORARY PAVEMENT MARKING (PAINT)	SQFT	1,610	3.00	4,830.00
17	120159	TEMPORARY TRAFFIC STRIPE (PAINT)	LF	28,880	0.65	18,772.00
18	120165	CHANNELIZER (SURFACE MOUNTED)	EA	810	40.00	32,400.00
19	120300	TEMPORARY PAVEMENT MARKER	EA	320	16.00	5,120.00
20	128650	PORTABLE CHANGEABLE MESSAGE SIGN	EA	2	11,000.00	22,000.00
21	129000	TEMPORARY RAILING (TYPE K)	LF	16,300	12.00	195,600.00
22	129100	TEMPORARY CRASH CUSHION MODULE (TS11)	EA	220	300.00	66,000.00
23	129110	TEMPORARY CRASH CUSHION (ABSORB 350)	EA	6	7,000.00	42,000.00
24	129150	TEMPORARY TRAFFIC SCREEN	LF	8,200	2.00	16,400.00
25	833077	PEDESTRIAN BARRICADE (ROADSIDE SIGN)	EA	2	1,000.00	2,000.00
26	860400	LIGHTING (TEMPORARY)	LS	1	80,000.00	80,000.00
27	160101	CLEARING AND GRUBBING (SEE SPECIAL PROVISIONS FOR ADDITIONAL WORK)	LS	1	45,000.00	45,000.00
28	151251	SALVAGE IRRIGATION FACILITY	EA	1	5,000.00	5,000.00
29	151281	SALVAGE ROADSIDE SIGN	EA	5	250.00	1,250.00
30	011511(F)	REMOVE MISCELLANEOUS ITEMS (BUMPER POLE)	EA	5	200.00	1,000.00
31	011511(F)	REMOVE MISCELLANEOUS ITEMS (BLOCK PLANTER WALL)	LF	43	50.00	2,150.00
32	011511	REMOVE MISCELLANEOUS ITEMS (PARKING BUMPER)	EA	30	20.00	600.00
33	000003	REMOVE MASONRY WALL	LF	370	10.00	3,700.00
34	141101(F)	REMOVE YELLOW PAINTED TRAFFIC STRIPE (HAZARDOUS WASTE)	LF	1,639	1.00	1,639.00
35	150605	REMOVE FENCE (WROUGHT IRON FENCE AND GATE)	LF	70	25.00	1,750.00
36	150608	REMOVE CHAIN LINK FENCE	LF	120	14.00	1,680.00
37	150662	REMOVE METAL BEAM GUARD RAILING	LF	640	21.00	13,440.00
38	150711(F)	REMOVE PAINTED TRAFFIC STRIPE	LF	7,474	1.00	7,474.00
39	150829	REMOVE RETAINING WALL	LF	70	30.00	2,100.00

**Riverside County Transportation Department  
Summary of Bids**

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between Lincoln Street and Buchanan Street in the City of  
Riverside and Home Gardens area

Advertised: September 10, 2013 (Agenda Item: 3-94)  
Addenda: 1 (10/2/2013), 2 (10/17/2013)  
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**PROJECT No. B7-0784, Federal Aid No. TCIFCML - 5956(193)**

BASE BID (continued)		CONTRACT ITEM		UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE
ITEM NO.	ITEM CODE						
40	150805	REMOVE CULVERT		LF	70	60.00	4,200.00
41	150807	REMOVE STORM DRAIN [12"]		LF	21	55.00	1,155.00
42	150807	REMOVE STORM DRAIN [15"]		LF	81	55.00	4,455.00
43	150807	REMOVE STORM DRAIN [18"]		LF	590	25.00	14,750.00
44	150807	REMOVE STORM DRAIN [21"]		LF	150	33.00	4,950.00
45	150807	REMOVE STORM DRAIN [33"]		LF	38	35.00	1,330.00
46	150807	REMOVE STORM DRAIN [18" ASBESTOS]		LF	144	53.00	7,632.00
47	150821	REMOVE HEADWALL [EXISTING]		EA	4	1,900.00	7,600.00
48	150826	REMOVE MANHOLE [EXISTING]		EA	1	1,600.00	1,600.00
49	150827	REMOVE CATCH BASIN [EXISTING]		EA	9	1,250.00	11,250.00
50	153120(F)	REMOVE CONCRETE (DITCH)		LF	1,980	3.00	5,940.00
51	153140(F)	REMOVE CONCRETE SIDEWALK		SQYD	1,488	3.00	4,464.00
52	153210	REMOVE CONCRETE [PAVERS]		SQYD	500	5.00	2,500.00
53	153210	REMOVE CONCRETE [ACCESS RAMP]		SQYD	260	9.00	2,340.00
54	153210	REMOVE CONCRETE [DRIVEWAY AND APPROACH]		SQYD	420	11.00	4,620.00
55	153210	REMOVE CONCRETE [CROSS GUTTER AND SPANDRAL]		SQYD	200	12.00	2,400.00
56	153210	REMOVE CONCRETE [PLASTER]		EA	1	1,100.00	1,100.00
57	153210	REMOVE CONCRETE [STAMPED]		SQYD	6,150	4.50	27,675.00
58	153130	REMOVE CONCRETE CURB		LF	3,920	2.50	9,800.00
59	153215(F)	REMOVE CONCRETE (CURB AND GUTTER)		LF	9,313	2.50	23,282.50
60	150846	REMOVE CONCRETE PAVEMENT		CY	1,700	18.00	30,600.00
61	150769(F)	REMOVE ASPHALT CONCRETE		CY	5,045	18.00	90,810.00
62	150769	REMOVE ASPHALT CONCRETE [WALKWAY]		CY	250	25.00	6,250.00
63	150771	REMOVE ASPHALT CONCRETE DIKE		LF	660	4.00	2,640.00
64	153121	REMOVE CONCRETE		CY	6	180.00	1,080.00
65	160120(F)	REMOVE TREE		EA	190	300.00	57,000.00
66	160120(F)	REMOVE TREE [PALM]		EA	32	1,000.00	32,000.00
67	152255	RESET MAILBOX		EA	4	150.00	600.00
68	152379	RELOCATE FENCE [WROUGHT IRON FENCE AND GATE]		LF	60	240.00	14,400.00
69	152379	RELOCATE FENCE [CHAIN LINK FENCE AND GATE]		LF	560	22.00	12,320.00
70	152390	RELOCATE ROADSIDE SIGN		EA	10	275.00	2,750.00
71	152394	RELOCATE SIGN STRUCTURE		EA	2	12,500.00	25,000.00
72	150206	ABANDON CULVERT		LF	720	26.00	18,720.00
73	155003(F)	CAP INLET		EA	2	3,500.00	7,000.00
74	152440	ADJUST MANHOLE TO GRADE		EA	6	400.00	2,400.00
75	000003(F)	CLEANOUT BOX (CITY 425)		EA	1	1,500.00	1,500.00
76	000003	GRATING CATCH BASIN (W=6.40', SPPWC 304-3)		EA	4	4,500.00	18,000.00
77	000003	GRATING CATCH BASIN (W=2.95', SPPWC 304-3)		EA	1	3,200.00	3,200.00
78	000003	PRECAST CATCH BASIN (2' X 2')		EA	1	1,000.00	1,000.00

**Steve P. Rados, Inc.  
Santa Ana, CA 92705**

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BASE BID (continued) ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE
79	000003	TRANSITION STRUCTURE RCB-PIPE (SPPWC 342-2)	EA	2	4,000.00	8,000.00
80	000003	JUNCTION STRUCTURE (CITY 422)	EA	1	2,500.00	2,500.00
81	703203	CORRUGATED STEEL PIPE RISER (.138" THICK)	EA	1	7,500.00	7,500.00
82	000003(F)	PRECAST CONCRETE PIPE INLET (CALTRANS D75B)	EA	2	2,500.00	5,000.00
83	000003(F)	DETENTION BASIN EXCAVATION	CY	352	20.00	7,040.00
84	013902	ASPHALT CONCRETE OVERSIDE DRAIN (CRS 306)	EA	2	4,000.00	8,000.00
85	015101	CLASS B CONCRETE COLLAR (RCFC&WCDS M803)	EA	4	750.00	3,000.00
86	017003	CATCH BASIN (CURB INLET) (CRS 300) [W=21]	EA	1	9,000.00	9,000.00
87	017003	CATCH BASIN (CURB INLET) (CRS 300) [W=14]	EA	1	4,700.00	4,700.00
88	017003	CATCH BASIN (CURB INLET) (CRS 300) [W=7]	EA	1	3,600.00	3,600.00
89	017003	CATCH BASIN (CURB INLET) (CRS 300) [W=4]	EA	3	3,300.00	9,900.00
90	000001	ITEM DELETED BY ADDENDUM				
91	017005	CATCH BASIN (COMBINATION INLET) (CRS 302 - NO.2) [W=6.40]	EA	2	4,750.00	9,500.00
92	017101	MANHOLE (RCFC&WCDS MH251)	EA	2	4,500.00	9,000.00
93	017105	JUNCTION STRUCTURE (RCFC&WCDS JS 227)	EA	6	1,600.00	9,600.00
94	017110	MANHOLE (RCFC&WCDS MH254) [NO.4]	EA	1	4,500.00	4,500.00
95	017111	JUNCTION STRUCTURE (RCFC&WCDS JS 229)	EA	1	2,500.00	2,500.00
96	510090(F)	STRUCTURAL CONCRETE, BOX CULVERT (CALTRANS D80) (3' X 1.5')	LF	58	250.00	14,500.00
97	510501(F)	MINOR CONCRETE (BULKHEAD)	EA	16	500.00	8,000.00
98	510501(F)	MINOR CONCRETE (INLET DEPRESSION) (CALTRANS D78C)	CY	4	950.00	3,800.00
99	510535(F)	MINOR CONCRETE (HEADWALL)	EA	1	2,400.00	2,400.00
100	620800(F)	CONCRETE BACKFILL (PIPE TRENCH)	CY	2	100.00	200.00
101	650014	18" REINFORCED CONCRETE PIPE	LF	580	100.00	58,000.00
102	650018	24" REINFORCED CONCRETE PIPE	LF	1,500	150.00	225,000.00
103	650026	36" REINFORCED CONCRETE PIPE	LF	660	170.00	112,200.00
104	700617	DRAINAGE INLET MARKER	EA	19	400.00	7,600.00
105	703514	8" WELDED STEEL PIPE (.105" THICK)	LF	62	100.00	6,200.00
106	705204(F)	18" CONCRETE FLARED END SECTION	EA	1	800.00	800.00
107	709904	CATCH BASIN [TYPE 1] (CITY 400) [W=14]	EA	3	5,000.00	15,000.00
108	709904	CATCH BASIN [CITY 407] [W=14]	EA	1	6,700.00	6,700.00
109	719300	MANHOLE [CITY 431]	EA	3	4,000.00	12,000.00
110	721011(F)	ROCK SLOPE PROTECTION (BACKING NO. 2, METHOD B)	CY	38	150.00	5,700.00
111	721420	CONCRETE (DITCH LINING)	CY	13	1,150.00	14,950.00
112	721431	CONCRETE (CONCRETE APRON)	CY	1	425.00	425.00
113	731507(F)	MINOR CONCRETE (GUTTER DEPRESSION) (CRS 311)	CY	13	440.00	5,720.00
114	731507(F)	MINOR CONCRETE (GUTTER DEPRESSION) (CRS 312)	CY	1	450.00	450.00
115	192003(F)	STRUCTURE EXCAVATION (BRIDGE)	CY	1,558	20.00	31,160.00
116	192037(F)	STRUCTURE EXCAVATION (RETAINING WALL)	CY	570	35.00	19,950.00
117	193003(F)	STRUCTURE BACKFILL (BRIDGE)	CY	1,227	55.00	67,485.00

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 Santa Ana, CA 92705

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BASE BID (continued)	ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE
118	193013(F)		STRUCTURE BACKFILL (RETAINING WALL)	CY	624	55.00	34,320.00
119	198010(F)		IMPORTED BORROW	CY	10,785	0.10	1,078.50
120	000003		CITRUS LABEL TILES	EA	23	2,750.00	63,250.00
121	000003		INTERPRETIVE PANEL TILES	EA	10	2,600.00	26,000.00
122	151509		RECONSTRUCT DRAINAGE FACILITY (ARLINGTON CHANNEL WALL AT CIDH PILE)	LS	1	90,000.00	90,000.00
123	000003		POST GROUTING CIDH PILE	EA	7	65,000.00	455,000.00
124	151509		RECONSTRUCT DRAINAGE FACILITY (ARLINGTON CHANNEL UC AT TEMP BRIDGE)	LS	1	30,000.00	30,000.00
125	151540		RECONSTRUCT CHAIN LINK FENCE	LF	87	70.00	6,090.00
126	477020		MECHANICALLY STABILIZED EMBANKMENT [TEMPORARY RETAINING WALL]	SQFT	4,530	15.00	67,950.00
127	477021(F)		MECHANICALLY STABILIZED EMBANKMENT, LOCATION A	SQFT	8,658	40.00	346,320.00
128	477022(F)		MECHANICALLY STABILIZED EMBANKMENT, LOCATION B	SQFT	8,226	42.00	345,492.00
129	477023(F)		MECHANICALLY STABILIZED EMBANKMENT, LOCATION C	SQFT	1,704	40.00	68,160.00
130	480600		TEMPORARY SHORING [ARLINGTON CHANNEL WALL]	LS	1	350,000.00	350,000.00
131	490508		FURNISH STEEL PILING (HP 10 X 57)	LF	253	32.00	8,096.00
132	490509		DRIVE STEEL PILE (HP 10 X 57)	EA	10	1,750.00	17,500.00
133	490528		FURNISH STEEL PILING (HP 14 X 89)	LF	4,364	50.00	218,200.00
134	490529		DRIVE STEEL PILE (HP 14 X 89)	EA	115	1,600.00	184,000.00
135	490623		156" CAST-IN-DRILLED-HOLE CONCRETE PILING	LF	1,519	3,020.00	4,587,380.00
136	500001		PRESTRESSING CAST-IN-PLACE CONCRETE (LONGITUDINAL)	LS	1	650,000.00	650,000.00
137	500001		PRESTRESSING CAST-IN-PLACE CONCRETE (TRANSVERSE)	LS	1	400,000.00	400,000.00
138	510050(F)		STRUCTURAL CONCRETE [SIDEWALK SLAB]	CY	65	500.00	32,500.00
139	510051(F)		STRUCTURAL CONCRETE, BRIDGE FOOTING	CY	314	500.00	157,000.00
140	510053(F)		STRUCTURAL CONCRETE, BRIDGE	CY	13,315	937.00	12,476,155.00
141	510060(F)		STRUCTURAL CONCRETE, RETAINING WALL	CY	245	730.00	178,850.00
142	510072(F)		STRUCTURAL CONCRETE, BARRIER SLAB	CY	516	680.00	350,880.00
143	510086(F)		STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N)	CY	197	400.00	78,800.00
144	511035(F)		ARCHITECTURAL TREATMENT	SQFT	4,090	20.00	81,800.00
145	511047(F)		ANTI-GRAFFITI COATING	SQFT	69,820	0.90	62,838.00
146	518051		PTFE SPHERICAL BEARING [HINGE]	EA	7	6,000.00	42,000.00
147	518051		PTFE SPHERICAL BEARING [ABUTMENT 11]	EA	7	5,000.00	35,000.00
148	519089		JOINT SEAL ASSEMBLY [MR 10 1/2"]	LF	77	1,300.00	100,100.00
149	519095		JOINT SEAL ASSEMBLY [MR 4"]	LF	75	300.00	22,500.00
150	519109		JOINT SEAL ASSEMBLY [MR 6 1/2"]	LF	79	900.00	71,100.00
151	520102(F)		BAR REINFORCING STEEL (BRIDGE)	LB	4,857,853	0.80	3,886,282.40
152	520103(F)		BAR REINFORCING STEEL (RETAINING WALL)	LB	26,368	1.00	26,368.00
153	550102(F)		STRUCTURAL STEEL (BRIDGE)	LB	27,069	4.00	108,276.00
154	550203(F)		FURNISH STRUCTURAL STEEL (BRIDGE)	LB	22,497	2.00	44,994.00
155	550204(F)		ERECT STRUCTURAL STEEL (BRIDGE)	LB	22,497	0.70	15,747.90
156	590115		CLEAN AND PAINT STRUCTURAL STEEL	LS	1	20,000.00	20,000.00

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157	703450	WELDED STEEL PIPE CASING (BRIDGE) [82"]	LF	84	150.00	12,600.00
158	731517	MINOR CONCRETE (GUTTER) [WALL]	LF	151	50.00	7,550.00
159	750041(F)	ISOLATION CASING	LB	29,150	15.00	437,250.00
160	750496(F)	MISCELLANEOUS METAL (RESTRAINER - PIPE TYPE)	LB	15,003	8.00	120,024.00
161	750498(F)	MISCELLANEOUS METAL (RESTRAINER - CABLE TYPE)	LB	1,775	10.00	17,750.00
162	750501(F)	MISCELLANEOUS METAL (BRIDGE)	LB	6,601	8.00	52,808.00
163	750505(F)	BRIDGE DECK DRAINAGE SYSTEM	LB	11,963	8.00	95,704.00
164	071321	TEMPORARY FENCE (TYPE CL-6)	LF	68	30.00	2,040.00
165	833000(F)	METAL RAILING (RAMP)	LF	321	160.00	51,360.00
166	833000(F)	METAL RAILING (BRIDGE)	LF	2,925	342.00	1,000,350.00
167	833000(F)	METAL RAILING [27"]	LF	169	135.00	22,815.00
168	833088(F)	TUBULAR HANDRAILING [22"]	LF	1,463	50.00	73,150.00
169	000003(F)	CONCRETE PARAPET	LF	1,509	100.00	150,900.00
170	833142(F)	CONCRETE BARRIER (TYPE 26 MODIFIED)	LF	137	230.00	31,510.00
171	839401(F)	CONCRETE BARRIER (TYPE 732/60D MODIFIED)	LF	330	260.00	85,800.00
172	839521(F)	CABLE RAILING	LF	135	33.00	4,455.00
173	839704(F)	CONCRETE BARRIER (TYPE 60D) [MODIFIED]	LF	700	50.00	35,000.00
174	839717(F)	CONCRETE BARRIER (TYPE 732 MODIFIED)	LF	3,902	96.00	374,592.00
175	839721(F)	CONCRETE BARRIER (TYPE 732A)	LF	178	80.00	14,240.00
176	017305	MINOR CONCRETE (CURB AND GUTTER) (CRS201)	LF	4,430	25.00	110,750.00
177	017309	MINOR CONCRETE (TYPE "D" CURB) (CRS 204)	LF	1,530	15.00	22,950.00
178	017315	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE A)	EA	2	750.00	1,500.00
179	017316	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE B)	EA	4	2,600.00	10,400.00
180	510501	MINOR CONCRETE (RETAINING CURB)	LF	250	30.00	7,500.00
181	510501	MINOR CONCRETE [TYPE II] (CITY 200)	LF	1,470	27.00	39,690.00
182	513553(F)	RETAINING WALL (MASONRY WALL)	LF	83	200.00	16,600.00
183	513570(F)	CONCRETE BLOCK WALL [SLOUGH]	LF	111	50.00	5,550.00
184	513570(F)	CONCRETE BLOCK WALL [SECURITY]	LF	191	200.00	38,200.00
185	513570(F)	CONCRETE BLOCK WALL [ENCLOSURE]	LF	162	300.00	48,600.00
186	730040	MINOR CONCRETE (GUTTER) [LONGITUDINAL]	LF	130	50.00	6,500.00
187	731504	MINOR CONCRETE (CURB AND GUTTER) [CITY 200] (TYPE 1)	LF	1,030	30.00	30,900.00
188	731504	MINOR CONCRETE (CURB AND GUTTER) [DETAIL 3]	LF	160	30.00	4,800.00
189	731516	MINOR CONCRETE (DRIVEWAY) [DETAIL 7]	SQFT	2,210	10.00	22,100.00
190	731516	MINOR CONCRETE (DRIVEWAY) [DETAIL 302] (TYPE-II)	SQFT	590	10.00	5,900.00
191	731516	MINOR CONCRETE (DRIVEWAY) [CITY 302](TYPE CURB-1)	SQFT	340	10.00	3,400.00
192	731516	MINOR CONCRETE (DRIVEWAY) [DETAIL 9]	SQFT	630	10.00	6,300.00
193	731519	MINOR CONCRETE (STAMPED CONCRETE)	SQFT	330	21.00	6,930.00
194	731521	MINOR CONCRETE (SIDEWALK)	SQFT	10,320	5.00	51,600.00
195	731623	MINOR CONCRETE (CURB RAMP) [CITY 304]	EA	2	2,600.00	5,200.00



**Riverside County Transportation Department  
Summary of Bids**

**PROJECT:** Magnolia Avenue/BNSF Railway Grade Separation Project  
between Lincoln Street and Buchanan Street in the City of  
Riverside and Home Gardens area

Advertised: September 10, 2013 (Agenda Item: 3-94)  
Addenda: 1 (10/2/2013), 2 (10/17/2013)  
Bids Open: 2 pm Date: Wednesday, October 23, 2013

**PROJECT No. B7-0784, Federal Aid No. TCJFCML - 5956(193)**

BASE BID (continued)		6		Steve P. Rados, Inc. Santa Ana, CA 92705		
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE
196	731623	MINOR CONCRETE (CURB RAMP) [DETAIL 1]	EA	1	500.00	500.00
197	735000(F)	PARKING BUMPER (PRECAST CONCRETE)	EA	27	100.00	2,700.00
198	800300(F)	CHAIN LINK FENCE [H = 6']	LF	1,484	43.00	63,812.00
199	800360(F)	CHAIN LINK FENCE (TYPE CL-6)	LF	210	38.00	7,980.00
200	801340(F)	METAL GATE [WROUGHT IRON, 26']	EA	1	20,000.00	20,000.00
201	000003	WROUGHT IRON FENCE	EA	17	300.00	5,100.00
202	802620(F)	16' CHAIN LINK GATE (TYPE CL-6)	EA	2	3,000.00	6,000.00
203	011508(F)	COLD PLANE ASPHALT CONCRETE PAVEMENT (.17') [MAX]	SQYD	3,487	2.00	6,974.00
204	260201	CLASS 2 AGGREGATE BASE	CY	11,200	45.00	504,000.00
205	377501(F)	SLURRY SEAL	SQYD	579	5.00	2,895.00
206	390132	HOT MIX ASPHALT (TYPE A)	TON	15,500	68.00	1,054,000.00
207	510501	MINOR CONCRETE [PCC PAVEMENT]	CY	630	252.00	158,760.00
208	220101	FINISHING ROADWAY	LS	1	20,000.00	20,000.00
209	066627	STRIPING AND PAVEMENT MARKERS (THERMOPLASTIC)	LS	1	36,000.00	36,000.00
210	208000	IRRIGATION SYSTEM	LS	1	200,000.00	200,000.00
211	000003	LANDSCAPE IMPROVEMENTS	LS	1	400,000.00	400,000.00
212	860201	SIGNAL AND LIGHTING	LS	1	500,000.00	500,000.00
213	860460	LIGHTING AND SIGN ILLUMINATION	LS	1	600,000.00	600,000.00
214	000003(F)	CRASH CUSHION (TYPE TRACC)	EA	1	21,000.00	21,000.00
215	832001	METAL BEAM GUARD RAILING	LF	88	58.00	5,104.00
216	839541(F)	TRANSITION RAILING (TYPE WB)	EA	1	3,400.00	3,400.00
217	839585(F)	ALTERNATIVE FLARED TERMINAL SYSTEM	EA	1	2,900.00	2,900.00
218	000003	RECONSTRUCT BOLLARD	EA	5	300.00	1,500.00
219	000003	RECONSTRUCT BACKFLOW PREVENTER AND COVER	EA	9	1,000.00	9,000.00
220	000003	RECONSTRUCT MONUMENT SIGN	EA	2	11,500.00	23,000.00
221	562001	METAL (ROADSIDE SIGN) [BARRIER MOUNTED]	EA	1	350.00	350.00
222	562001	METAL (ROADSIDE SIGN) [WALL MOUNTED]	EA	8	350.00	2,800.00
223	562001	METAL (ROADSIDE SIGN) [LIGHT POLE MOUNTED]	EA	16	350.00	5,600.00
224	562001	METAL (ROADSIDE SIGN) [FENCE MOUNTED]	EA	12	350.00	4,200.00
225	566011	ROADSIDE SIGN - ONE POST	EA	44	300.00	13,200.00
226	566012	ROADSIDE SIGN - TWO POST	EA	3	600.00	1,800.00
227	000001	ITEM DELETED BY ADDENDUM	---	---	---	---
228	000003	FURNISH 12-INCH DUCTILE IRON PIPE (PRESSURE CLASS 350).	LF	280	90.00	25,200.00
229	000003	INSTALL 12-INCH DUCTILE IRON PIPE COMPLETE PER PLAN AND CWD-040-1 & 2.	LF	280	120.00	33,600.00
230	000003	FURNISH 20-INCH DUCTILE IRON PIPE (PRESSURE CLASS 250).	LF	420	140.00	58,800.00
231	000003	INSTALL 20-INCH DUCTILE IRON PIPE COMPLETE PER PLAN AND CWD-040-1 & 2.	LF	420	140.00	58,800.00
232	000003	FURNISH AND INSTALL TEMPORARY HIGHLINE, INCLUDING ALL FITTINGS AND APPURTENANCES, PER PLAN.	LS	1	10,000.00	10,000.00
233	000003	FURNISH AND INSTALL 24-INCH STEEL SPLIT CASING, PER PLAN	LF	50	370.00	18,500.00

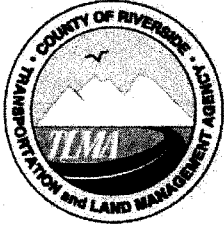
**Riverside County Transportation Department  
Summary of Bids**

**PROJECT:** Magnolia Avenue/BNSF Railway Grade Separation Project  
between Lincoln Street and Buchanan Street in the City of  
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**Advertised:** September 10, 2013 (Agenda Item: 3-94)  
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**Bids Open:** 2 pm **Date:** Wednesday, October 23, 2013

**PROJECT No. B7-0784, Federal Aid No. TCIFCML - 5956(193)**

BASE BID (continued)		Steve P. Rados, Inc. Santa Ana, CA 92705		6		
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE
234	000003	FURNISH AND INSTALL 2-INCH WATER SERVICE PER CWD-601	EA	1	5,400.00	5,400.00
235	000003	FURNISH AND INSTALL FIRE HYDRANT ASSEMBLY COMPLETE PER CWD-700	EA	1	12,000.00	12,000.00
236	000003	FURNISH AND INSTALL 4" TEMPORARY BLOW-OFF ASSEMBLY COMPLETE PER CWD-413, RESTRAIN ALL JOINTS	EA	4	2,600.00	10,400.00
237	000003	FURNISH AND INSTALL 2-INCH AIR VALVE PER CWD-481	EA	1	5,500.00	5,500.00
238	000003	FURNISH AND INSTALL 12-INCH RESILIENT WEDGE GATE VALVE AND VALVE BOX PER CWD-500 AND CWD-515	EA	1	4,000.00	4,000.00
239	000003	FURNISH AND INSTALL 6-INCH BLOW-OFF PER CWD-410-A	EA	2	11,000.00	22,000.00
240	000003	TESTING, CHLORINATION, SANITARY SAMPLES, FLUSHING AND DISPOSAL OF CHLORINATED WATER	LS	1	15,000.00	15,000.00
241	000003	FURNISH AND INSTALL SYSTEM CONNECTIONS, INCLUDING ALL NECESSARY PIPING AND APPURTENANCES COMPLETE PER PLAN	LS	1	21,000.00	21,000.00
242	000003	PROVIDE TRENCH SHORING, BRACING, AND PLATING, INCLUDING PLANS AND PERMITS	LS	1	1,000.00	1,000.00
243	190101	ROADWAY EXCAVATION	CY	25,750	10.00	257,500.00
244	000003	EDISON STREET LIGHT SYSTEM	LS	1	40,000.00	40,000.00
245	000003 (P-F)	PIPE HANDRAILING	LF	227	160.00	36,320.00
246	120100	TRAFFIC CONTROL SYSTEM [MISCELLANEOUS AND NON-RAILROAD FLAGGING]	LS	1	400,000.00	400,000.00
247	066020	RELATIONS WITH RAILROAD [INCLUDING RAILROAD FLAGGING]	LS	1	350,000.00	350,000.00
<b>BASE BID SUBTOTAL</b>						<b>37,998,089.30</b>
<b>ITEMS 1 - 247</b>						
ALTERNATE 1 BID SCHEDULE (HGSD)		Steve P. Rados, Inc. Santa Ana, CA 92705		6		
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE
248	152475	ADJUST SEWER MANHOLE	EA	9	500.00	4,500.00
249	000003	8" HIGH STRENGTH VCP SEWER MAIN	LF	76	180.00	13,680.00
250	000001	ITEM DELETED BY ADDENDUM	---	---	---	---
251	000003	48" PRECAST CONCRETE MANHOLE	EA	1	7,000.00	7,000.00
252	000003	CONNECTION TO EXISTING MANHOLE	EA	2	3,700.00	7,400.00
253	000003	REMOVE AND DISPOSE OF EXISTING 8" CIP SEWER	LF	78	90.00	7,020.00
254	000003	TEMPORARY SEWER BYPASS	LS	1	2,300.00	2,300.00
<b>AL.T. 1 BID SCH. SUBTOTAL</b>						<b>41,900.00</b>
<b>ITEMS 248 - 254</b>						
<b>PROJECT TOTAL</b>						<b>38,039,989.30</b>
<b>ITEMS 1 - 254</b>						



# COUNTY OF RIVERSIDE TRANSPORTATION AND LAND MANAGEMENT AGENCY



Juan C. Perez, P.E., T.E.  
Director

Patricia Romo, P.E.  
Assistant Director

## Transportation Department

### ADDENDUM NUMBER 2

Dated October 17, 2013

to the  
Specifications and Contract Documents  
for the construction of

Magnolia Avenue / BNSF Railway  
Grade Separation Project  
between Lincoln Street and Buchanan Street  
in the City of Riverside and Home Gardens area

Project No. B7-0784, Federal Aid No. TCIFCML-5956(193)

**Bids Due: Wednesday, October 23, 2013; 2:00 p.m.**  
14<sup>th</sup> Street Transportation Annex  
3525 14<sup>th</sup> Street; Riverside, CA 92501  
(951) 955-6780

This Addendum is issued pursuant to the Instructions to Bidders, Item No. 8, of the Contract Documents for the reference project. This Addendum is issued as a supplement to the specification and special provisions for the referenced project. The revisions to the specifications shall become a part of the Contract Documents, and each bidder shall acknowledge receipt thereof on the Bid (Proposal). Bidders are directed to sign this addendum as acknowledged, and attach the signed addendum to the contractor's submitted proposal.

Note: During the advertisement period of this project, this document and attachments (if any) are available upon request at the office of the Transportation Department, and are available as a free download at the Transportation Department's website:

[http://www.rctlma.org/trans/con\\_bid\\_advertisements.html](http://www.rctlma.org/trans/con_bid_advertisements.html)

### MODIFICATIONS / CLARIFICATIONS TO SPECIAL PROVISIONS:

**Item 1: Revised Proposal**

Refer to "Proposal" pages B2 through B10. Proposal (pages B2-B10) is deleted and replaced with revised Proposal attached herewith as **Attachment "A"**. The following revisions have been made to the bid Proposal:

a. The following bid items descriptions have been revised:

- Item 10, Mobilization, Demobilization and Final Cleanup
- Item 207, Minor Concrete [PCC Pavement]
- Item 249, 8" High Strength VCP Sewer Main

b. The quantities of following bid items have been revised:

- Item 52, Remove Concrete [Pavers]
- Item 57, Remove Concrete [Stamped]
- Item 59, Remove Concrete (Curb and Gutter)
- Item 74, Adjust Manhole to Grade
- Item 80, Junction Structure (City 422)
- Item 82, Precast Concrete Pipe Inlet (Caltrans D75B)
- Item 85, Class B Concrete (collar) (RCFC&WCDS M803)
- Item 91, Catch Basin (Combination Inlet) (CRS 302 - NO.2) [W=6.40']
- Item 109, Manhole [city]
- Item 248, Adjust Sewer Manhole
- Item 249, 8" High Strength VCP Sewer Main

c. The following bid items have been added:

- Item 243, Roadway Excavation
- Item 244, Edison Street Light System
- Item 245, Pipe Handrailing
- Item 246, Traffic Control System [Miscellaneous and Non Railroad Flagging]
- Item 247, Relations with Railroad [Including Railroad Flagging]

d. The following bid items have been deleted:

- Item 90, Catch Basin (Combination Inlet) (CRS 302 - NO.2) [W=2.95']
- Item 227, De-Mobilization
- Item 250, 14" FPVC Schedule 40 Casing Pipe

**See Attachment "A", Revised Proposal**

**Item 2: Federal Minimum Wages Update.**

Refer to Appendix D entitled "Federal Prevailing Wages Decision", pages 1 through 23. Delete and replace these pages with the following:

Federal wage determination, General Decision No. CA130036, Modification No. 17, dated **10/04/2013** CA36, shall apply to this project. This document is available upon request from the Transportation Department: (951) 955-6780, and also posted on following County website:

[http://www.rctlma.org/trans/con\\_bid\\_advertisements.html](http://www.rctlma.org/trans/con_bid_advertisements.html)

**Item 3: 00-1.12 Progress Payment Restrictions**

Refer to Section 00-1.12 "Progress Payment Restrictions" pages 6-7 of the Special Provisions. Delete the following Lump Sum item of work from the list on page 7:

G. De-Mobilization \$500,000

And replace it with the following Lump Sum item or work:

G. Mobilization, De-Mobilization and Final Cleanup \$1,750,000

**Item 4: Section 00-1.25 Traffic Control System/ Public Convenience / Public Safety.** Refer to Section 00-1.25, Traffic Control System/ Public Convenience / Public Safety.

Delete and replace the second paragraph, on page 17 within this section, with the followings:

Bidders attention is especially directed to Sections 7-1.02K(6), 7-1.03, 7-1.04, 5-1.36, 7-1.05, 7-1.06, and Section 12 of the State of California Standard Specifications.

Standard Specification Section 12-1.03, Flagging Cost, is deleted and replaced with the following:

Contractor shall cover all costs of furnishing all flaggers, including transporting flaggers and furnishing stands and towers for flaggers to provide for the passage of traffic through the work as specified in sections 7-1.03 and 7-1.04.

Delete and replace the sixth paragraph, on page 18, with the followings:

No payment for extra work will be allowed for work performed as specified in Section 12-1.02 (Flaggers) and 2-1.03 (Flagging Costs) [revised by this addendum] of the Standard Specifications. Flagging costs for traffic control purposes will be borne entirely by the Contractor. These Flagger/Flagging costs do not include Railroad Flaggers/Flagging costs.

Railroad Flaggers and associated railroad Flagging costs shall be paid in bid item, **"RELATIONS WITH RAILROAD [INCLUDING RAILROAD FLAGGING]"**

Non-railroad Flaggers and associated non-railroad Flagging costs, and as described in Appendix F, Section 1.05 Railway Flagger Services shall be paid in bid item, **"TRAFFIC CONTROL SYSTEM [MISCELLANEOUS AND NON-RAILROAD FLAGGING]"**

The following is added and made part here of:

Traffic Control System individual items are listed as bid items 13 through 25 of the Proposal. For items shown on the plans and that are not listed in the Proposal will be paid in bid item, **"TRAFFIC CONTROL SYSTEM [MISCELLANEOUS AND NON-RAILROAD FLAGGING]"**

**Item 5: Railroad Relations.** Refer to Section 5-1.20C, Railroad Relations, starting on page 23 of the Special Provisions. The following Special Provisions are added and made part of hereby:

With reference to Appendix F, BNSF Railway Overpass Agreement, Article II (pages 2 and 3 of 75), the quoted amounts of \$2,000, \$105,846 and \$50,748 will be paid by the County.

The Contractor shall be responsible to coordinate and arrange for flagging services for the project work and/or any required maintenance work from BNSF, as applicable, in accordance with OVERPASS AGREEMENT, EXHIBIT "C", Section 1.05 Railway Flagger Services (Appendix F, page 52 of 75).

The railroad company will bill the contractor for flagging services performed by the railroad.

The Contractor's attention is directed to Exhibit D, Railroad's Flagging and other item Estimate (Appendix F, page 70 of 75). Estimated flagging costs are best available information provided to the County. Railroad Flagging costs are the responsibility of the Contractor. Other costs for railroad work will be the responsibility of the County.

The following paragraph is added after the last paragraph of 5-1.20C, Railroad Relations:

Full compensation for coordination, compliance, flagging and all other aspects of working within the BNSF right of way including obtaining required permits from BNSF, conform to BNSF requirements, cooperation with BNSF, protection of railroad facilities, shall be considered as included in the contract lump sum price paid for "**RELATIONS WITH RAILROAD [INCLUDING RAILROAD FLAGGING]**" and no additional compensation will be allowed therefor.

**Item 6: Section 00-1.24 De-Mobilization.** Refer to section 00-1.24 "De-Mobilization" page 17 of the Special Provisions. Delete Section 00-1.24 "De-Mobilization" and replace it with the following:

**00-1.24 Mobilization, De-Mobilization and Final Cleanup**

Mobilization shall consist of preparatory work and operations, including, but not limited to those necessary for the movement of personnel, equipments, supplies and incidentals to the project site and for all other work and operations which must be performed or costs incurred prior to beginning work on the various contract items on the project site.

De-Mobilization shall consist of the completion of all final construction and administrative work required to secure the project for termination and acceptance by the Engineer, including, but not limited to the following:

1. Satisfactory completion of Finishing Roadway in accordance with Section 22, "Finishing Roadway" of the Standard Specifications;

2. Removal of all temporary facilities, construction office, temporary utilities, temporary BMPs, plant, equipment, surplus material, construction debris and similar from project limits and adjacent property, as required and as directed by the Engineer;
3. Restoration of all temporary roads and haul routes and construction storage and office areas, etc. to original or better condition;
4. Completion of record of drawings (as-built), to the satisfaction of the Engineer;
5. Submission of final Disadvantaged Business Enterprise report to the Engineer;
6. Submission of final certified payroll documents to the Engineer;
7. Submission of property owner releases, as required by the Engineer;
8. Completion of the requirements of permits issued by other agencies;
9. Satisfactory completion of all other contractually and legally required construction and administrative items of work.

De-Mobilization shall include the satisfactory completion of all items of work, but shall not be construed as being a separate payment for work that is paid under separate contract items. The De-Mobilization is intended for proper close-out activities.

**Method of Payment:**

- A. The following schedule will be used to determine measurement of mobilization, demobilization and final cleanup and disbursement of the bid price for mobilization, demobilization and final cleanup:

Percent of Contract work Completed (\$ Expended/ \$ Total Contract Price)	Percent of Mobilization, Demobilization, and Final Cleanup Considered to be Complete (Compensated for)
10% - 20%	40%
21% - 40%	55%
41% - 60%	70%
61% - 80%	85%
Upon Demobilization and Final Cleanup	100%

- B. Payment of Mobilization, Demobilization and Final Cleanup work shall be based upon the lump sum bid price for "**Mobilization, Demobilization and Final Cleanup.**" Payment shall constitute full compensation for all labor, material, equipment, and all other items necessary and incidental for completion of this item of work. The deletion for work or the addition of extra work, as provided for herein, shall not affect the price paid for Mobilization, Demobilization, and Final Cleanup.

**Item 7: Section 2-1.06B Supplemental Project Information.** Refer to Section 2-1.06B Supplemental Project Information and table showing supplemental items on page 23 of Special Provisions. This table is deleted and replaced with the following list of Supplemental Project Information items:

1. Foundation Report, dated May 10, 2012
2. Foundation Report, dated May 17, 2012, Addendum 1

3. Cross Sections
4. Materials Report, dated November 21, 2011
5. WQMP Report, dated May 2012
6. RCFC&WCD Encroachment Permit App
- 7A. Arlington Channel As-Builts Plans, Stage I
- 7B. Arlington Channel As-Builts Plans, Stage II
8. Geotechnical Recommendations for 20" Water Pipeline, Letter dated 9/16/13
9. Revised Standard Specifications, dated 4/19/13
10. SCG Plans (Distribution), Medium Pressure Work
11. City of Riverside 20" Water pipeline relocation plans (Within the County's R/W)  
**Note: Plans for work within the City of Riverside R/W are included in the issued project plans.**
12. AT&T Relocation Plans
13. Plan Sheets 177 through 186 of 263 (Color version)  
Architectural Details, Interpretive Tiles. As requested a color version of these plans are provided online.

The Supplemental Project Information is available on the County of Riverside Transportation Department website:

[http://www.rctlma.org/trans/con\\_bid\\_advertisements.html](http://www.rctlma.org/trans/con_bid_advertisements.html)

- Item 8:** Section 5-1.36D Refer to Section 5-1.36D on page 25 of Special Provisions. Delete the Special Provisions under the section entitled "Add to section 5-1.36D" and replaced with the following:

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
Southern California Gas Company 6" MPG (abandoned)	Approx. Sta 10+00 to 40+00 (LT of "C" line)	Prior to Construction
Southern California Gas Company 8" HPG	Approx. Sta 10+00 to 40+00 (RT of "C" line)	Prior to Construction
ATT California-South UG Fiber Optic duct bank (abandoned)	Approx. Sta 11+00 to 38+00 (RT of "C" line)	Prior to Construction
ATT California-North UG Fiber Optic duct bank	Approx. Sta 26+80, Bent 6 (LT of "C" line)	Prior to Construction
Riverside Public Utilities-Water 12" waterline appurtenances (FH, WM, AV, BO & FS)- Temporary	Approx. Sta 10+00 to 26+00 (RT of "C" line)	Prior to or during Construction
Sunesys-OH Fiber Optic (on RPU-Power poles)	Sta 38+75 to 41+00 (LT of "BS" line)	Prior to Construction (Completed)
Riverside Public Utilities-Water 20" WL	Approx. Sta 10+00 to 31+00 ("C" line)	Prior to Construction

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
Riverside Public Utilities- Water 20" waterline- connections to main	3750 University Ave 4 <sup>th</sup> Floor, Riverside, CA 92501 POC: Matthew Bates 951-826-5116	Approx. Sta 33+00 to 40+00, (LT of "C" line)	This work is included in the Contractor's scope of work. RPU/Water will make final connections in coordination with Contractor.
Riverside Public Utilities- Water 12" waterline- connections to main	3750 University Ave 4 <sup>th</sup> Floor, Riverside, CA 92501 POC: Matthew Bates 951-826-5116	Sta 26+45, Bent 6 (RT of "C" line) Sta 27+65, Bent 7 (RT of "C" line)	This work is included in the Contractor's scope of work. RPU/Water will make final connections in coordination with Contractor.
Riverside Public Utilities- Water 12" waterline appurtenances (FH, WM, AV, BO & FS)-Temporary	3750 University Ave 4 <sup>th</sup> Floor, Riverside, CA 92501 POC: Matthew Bates 951-826-5116	Sta 17+00 to 25+00 (RT of "C" line)	20 Working Days
Riverside Public Utilities- Water 12" waterline appurtenances (FH, WM, AV, BO & FS)- Permanent	3750 University Ave 4 <sup>th</sup> Floor, Riverside, CA 92501 POC: Matthew Bates 951-826-5116	Sta 17+00 to 25+00 (RT of "C" line)	20 Working Days
Riverside Public Utilities- Water 12" WL & appurtenances (Permanent)	3750 University Ave 4 <sup>th</sup> Floor, Riverside, CA 92501 POC: Matthew Bates 951-826-5116	Approx. Sta 10+00 to 26+00 ("C" line)	20 Working Days
Riverside Public Utilities- Power OH	3750 University Ave 3 <sup>rd</sup> Floor, Riverside, CA 92501 POC: Summer Delgado 951-826-2129	Approx. Sta 29+00 to 41+00 ("C" line) Approx. Sta 38+00 to 42+00 ("BS" line)	30 Working Days
Riverside Public Utilities- Power Remove SL poles & OH	3750 University Ave 3 <sup>rd</sup> Floor, Riverside, CA 92501 POC: Summer Delgado 951-826-2129	Sta 31+85 to 41+85 (on "C" line)	20 Working Days
Riverside Public Utilities- Power TS & bridge SL Feed point	3750 University Ave 3 <sup>rd</sup> Floor, Riverside, CA 92501 POC: Summer Delgado 951-826-2129	Sta 41+00 (LT of "BS" line)	Working Days As Required

Riverside Public Utilities- Power SL and irrigation Feed point	3750 University Ave 3 <sup>rd</sup> Floor, Riverside, CA 92501 POC: Summer Delgado 951-826-2129	Sta 38+75 (LT of "BS" line)  Other locations as required	Working Days As Required
ATT California Manholes-adjust to FG	3939 E Coronado St Anaheim, CA 92807 POC: David Bell 714-666-5423	Sta 07+10 Sta 11+40 Sta 37+10 Sta 39+15 (RT of "C" line) Sta 12+00 Sta 12+35 Sta 12+45 Sta 19+60 (2 UMH) Sta 33+95 Sta 37+00 (LT of "C" line) Sta 40+90 (RT of "BS" line)	10 Working Days
ATT California Pedestals-adjust to FG	3939 E Coronado St Anaheim, CA 92807 POC: David Bell 714-666-5423	Sta 13+60 (RT of "C" line) Sta 10+50 Sta 10+95 Sta 11+30 Sta 12+25 Sta 38+90 (LT of "C" line)	5 Working Days
ATT California UG FO duct & adjust manholes to FG	3939 E Coronado St Anaheim, CA 92807 POC: David Bell 714-666-5423	Approx. Sta 11+40 to 38+60 ("C" line)	5 Working Days
Southern California Edison Facilities-adjust to FG	1351 East Francis St Ontario, CA 91761 POC: Theresa Taylor 909-930-8406	Sta 07+35 (VP) Sta 07+40 (UMH) Sta 07+45 (VP) Sta 10+45 (UP) (LT of "C" line) Sta 13+40 (SL) Sta 13+45 (UP) (RT of "C" line)	10 Working Days
Southern California Edison Street Light, traffic signal and irrigation feed points, and other work as required.	1351 East Francis St Ontario, CA 91761 POC: Theresa Taylor 909-930-8406	Various Locations.	Working Days as Required.

The Contractor is reminded that utility relocation work will occur during construction, and full cooperation is required. Contractor shall protect all utilities in-place, including utilities that have not yet been relocated and including utilities in their new positions.

The Contractor shall fully cooperate coordinate with each utility owner and the County's Engineer.

Working days listed above may or may not be concurrent or sequential.

In addition to the working days allowed for each utility owner, the Contractor shall allow an additional 30 working days for incidental work by any utility owner.

Contractor will be responsible for the removal and the disposal of all abandoned utilities within the excavation limits.

Contractor shall contact the utility Companies to verify that the systems are deactivated prior to removal and disposal of abandoned facilities.

The above utility construction days allowed are for utility relocation work only. In addition to the working days allowed for relocations, the Edison Company and the City of Riverside Electric Department shall be allowed access to the work site as required for the provision of electrical service associated with the project, and each utility owner shall be allowed access to the project site for maintenance and operation activities, as coordinated between the utility owner and the contractor through the Engineer.

Full compensation for the removal and disposal of abandoned utility and sub-surface material, including labor, equipment, materials, necessary traffic control, and incidentals, shall be paid at the **lump sum price for Clearing and Grubbing**, and no additional compensation will be allowed therefor.

Make the necessary arrangements with the utility company through the Engineer; submit a schedule and list of Approved Materials:

1. At least 30 days prior to commencement of work
2. Verified by a representative of the utility company
3. Complete the relocation work under the supervision of the utility owner's qualified inspector

**Utility Relocation and Contractor-Arranged Time for the Relocation**

Utility	Utility address	Location	Days
Home Gardens Sewer District 8" sewer & manholes (Alternate Bid Schedule 1)	13538 Magnolia Ave Corona, CA 92879-2032 POC: Charlie McKinley 949-474-1401 ext 272	Sta 26+00 to 26+80, Bent 6 (RT of "C" line)	<b>25 Working Days</b> <u>(In the event that Alternate 1 is not selected for award)</u>
Home Gardens Sewer District Manholes-adjust to FG	13538 Magnolia Ave Corona, CA 92879-2032 POC: Charlie McKinley 949-474-1401 ext 272	Sta 06+90 Sta 08+10 Sta 11+00 Sta 13+45 Sta 17+10 Sta 20+45 Sta 23+90 (RT of "C" line)	<b>7 Working Days</b> <u>In the event that Alternate 1 is not selected for award)</u>

Adjustments of the utilities by the Contractor (Bid item No. 109) shown in the following table requires coordination with the utility owner. Make the necessary arrangements with the utility company through the Engineer; submit a schedule and list of Approved Materials:

1. At least 30 days prior to commencement of work
2. Verified by a representative of the utility company
3. Complete the relocation work under the supervision of the utility owner's qualified inspector

<u>Utility</u>	<u>Utility address</u>	<u>Location</u>
<u>City of Riverside Sewer Manholes</u>	<u>3750 University Ave 2<sup>nd</sup> Floor, Riverside, CA 92501 POC: Thuy Nguyen 951-826-5706</u>	<u>Sta 38+25 Sta 41+85 Sta 42+90 (LT of "C" line) Sta 38+45 (RT of "BS" line)</u>

Installation of the utilities shown in the following table requires coordination with your activities and represent a betterment of facilities. The installation is for new facilities; there are currently no existing facilities within the project limits. 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 Betterment and Contractor-Arranged Time for the Betterment**

<u>Utility</u>	<u>Utility address</u>	<u>Location</u>	<u>Days</u>
<u>Time Warner Cable 2-4" FO ducts in bridge and approaches-Utility vaults in sidewalk at begin &amp; end station</u>	<u>560 S Promenade Ave Suite 102 Corona, CA 92880 POC: Steve Waters 951-547-3830</u>	<u>Approx. Sta 12+00 to 36+50 (RT of "C" line) Approx. Sta 37+00 (LT of "C" line)</u>	<u>10 Working Days 3 Move-ins Const Stages 3B to 6</u>

To allow pile driving, drilling activities, or substructure construction, the utility owner will rearrange the utilities shown in the following table during construction activities. No other utility will be rearranged or temporarily deactivated before or during construction activities for this purpose unless you make arrangements with the utility owner. Notify the Engineer at least 30 days before the interfering utilities are to be rearranged. The Engineer notifies the utility owners.

**Utility Rearrangement for Pile Driving, Drilling Activities, or Substructure Construction**

<u>Utility</u>	<u>Location</u>
<u>Riverside Public Utilities-Water 12" waterline appurtenances (FH, WM, AV, BO &amp; FS)-Temporary</u>	<u>Sta 17+00 to 25+00 (RT of "C" line)</u>

The utilities shown in the following table will not be rearranged. The utilities may interfere with pile driving, drilling activities, or substructure construction. If you want any of them rearranged or temporarily deactivated, make arrangements with the utility owner. Contractor shall obtain verification from the Engineer, or in writing directly from the utility owner, that the listed utility companies have completed their respective relocation work prior to performing any work in the vicinity of the listed utilities.

**Utilities Not Rearranged for Pile Driving, Drilling Activities, or Substructure Construction**

Utility	Location
ATT California (South fiber optic duct bank-abandoned)	Approx. Sta 19+00 to 35+00 (RT of "C" line)
Southern California Gas Company 6" MPG (abandoned)	Approx. Sta 19+00 to 35+00 (LT of "C" line)

**The following provision is added to Section 5-1.36D and made part thereof**

Time Warner Cable shall be allowed access to the construction site in order to install 2-2" PVC conduits into the bridge structure, and shall be allowed an adequate construction window for that work, as described in the table "Utility Betterment and Contractor-Arranged Time for the Betterment" (page 29.)

Said work shall be performed by Time Warner Cable in accordance with the attached "Conduit Support Detail", and the "Concrete Pipe Support" detail as shown on Standard Plan B14-5.

Time Warner will install their conduit in the fourth cell from the north in the bridge structure, designated as "Utility Opening" on sheets X-3 and General Plan No. 2 of the plans.

Attention is directed to the Special Provision Section 00-1.14 "Cooperation" of these Special Provisions.

**Item 9: Section 14-6.10 Biological Monitoring**

The following Special Provisions replaces Standard Specification Section 14-6.10 "Reserved" and made part hereof:

**Biological Monitoring:**

The County will have available a qualified biologist as specified in these Special Provisions for a pre-construction survey of the project site, on site monitoring, if required, and all Endangered species handling that may be required. "Biologist" or "Monitor" referenced in these specifications refers to the biologist provided by the County. The Contractor shall request this service from the Engineer at least 10 days prior to the initial performance of work activities.

**Item 10:** **Section 15-2.04F.** Refer to page 48 of Special Provision under section entitled 'Replace Section 15-2.04F with'. Delete these Special Provisions and replace with the following:

**15-2.04F Reconstruct Drainage Facility**

**15-2.04F(1) General**

This section includes specifications for reconstruction of drainage facilities with diversion of channel flow, removal of concrete, replacing concrete and reinforcement and restoring channel flow to preconstruction condition due to installation of large diameter cast-in-drilled hole concrete piling and temporary bridge behind the Arlington channel drainage facility.

Diversion of flow must comply with Riverside County Flood and Water Control District requirements.

Concrete removal must comply with section 15-3 Concrete Removal.

Removal of temporary bridge must comply with Section 15-4 Bridge Removal.

Earthwork must comply with section 19-3 Structure Excavation and Backfill. Temporary shoring must comply with section 48-3.

Concrete and concrete construction must comply with section 51 Concrete Structures. Drill and bond dowels must comply with 51-1.03E(3) Drill and Bond Dowels.

Reinforcement and couplers must comply with section 52 Reinforcement.

**15-2.04F(2) Submittals**

**15-2.04F(2)(a) General**

For drainage facility reconstruction at installation of large diameter cast-in-drilled hole concrete piling, submit a work plan in a 3-ring binder that has labeled dividers for each type of plan. The work plan must include:

1. Flow diversion plan
2. Inspection plan
3. Cleaning plan
4. Inspection and evaluation report
5. Post reconstruction inspection report

For each portion of the work plan, obtain the Department's authorization before you perform work based on that portion.

At the pre-rehabilitation meeting, submit the work plan. Allow 7 days for the Department's review. If multiple binders are submitted simultaneously or a binder is submitted before the review of a previously submitted binder is complete, designate the sequence that the binders are to be reviewed. Allow review time specified plus 3 days for each additional binder.

Within 7 days of the inspection of the drainage facility at the CIDH pile location, submit an inspection and evaluation report. Allow 7 days for the Department's review. If multiple reports are submitted simultaneously or a report is submitted before the review of a previously submitted report is complete, designate the sequence that the reports are to be reviewed. Allow the review time specified plus 3 days for each additional report.

Within 7 days of the completion of all reconstruction work, submit a post-reconstruction inspection report as an action submittal. Allow 5 days for the Department's review. If multiple reports are submitted simultaneously or an additional report is submitted before the review of a previously submitted report is complete, designate the sequence that the reports are to be reviewed. Allow the specified review time plus 3 days for each additional re-inspection report. Obtain written approval of the re-inspection report. To make a change to an authorized plan or report, submit it as specified for a new submittal. Note the changes.

Retain a copy of the drainage facility inspection photos and records until the post-reconstruction inspection report is authorized.

#### **15-2.04F(2)(b) Flow Diversion Plan**

1. Controlling and diverting the existing stream or groundwater flow. The bypass system must have adequate capacity and size. Include:
  - 1.1. Your calculations for the existing flows and the capacity of the bypass system
  - 1.2. Your schedule for the required use of the bypass system

#### **15-2.04F(2)(c) Inspection Plan**

The inspection plan must include:

1. Sample of the printed photo log. The printed log must include digital photographs of facility as is prior to any construction activities including, construction and expansion joints, existing concrete condition of channel walls and invert.

#### **15-2.04F(2)(d) Cleaning Plan**

1. Cleaning
2. Controlling sediments dislodged during the cleaning

#### **15-2.04F(2)(e) Inspection and evaluation report**

Report inspection findings. Photography must comply with section 15-2.04F(2)(c). The inspection and evaluation report must include:

1. 1 set of the digital photographs.
2. Documentation of the condition of the drainage facility, including:
  - 2.1. Concrete cracking.
  - 2.2. Condition of construction and expansion joints.
  - 2.3. Spalled or reduced cross-sectional areas.
  - 2.4. Each lateral pipe opening, including:
    - 2.4.1. Drainage system identification.



- 2.4.3. Exact position and orientation within facility wall.
- 2.4.4. Size or dimensions of opening.
- 2.4.5. Connecting joint.
- 2.4.6. Flow direction.

If the Engineer determines that the inspection documentation is not adequate, your inspection and evaluation report will be rejected and you must re-inspect and resubmit your report. Inadequate documentation may include poor camera head position, poor camera focus, poor illumination, and incomplete records and logs.

#### **15-2.04F(2)(f) Post-reconstruction inspection report**

After the completion of the post-reconstruction inspection, submit a post-reconstruction inspection report. The written logs, and photographs must comply with section 15-2.04F(2)(e).

The report must document the reconstruction and any subsequent deficiencies, including:

1. Defects
2. Discoloration
3. Irregularities
4. Surface discontinuities
5. Anomalies
6. Constrictions
7. Deformities

If there are deficiencies and human entry is possible, the report must include more detailed documentation of human-entry inspection, concentrating on the areas with deficiencies.

If there are deficiencies, the inspection report must include recommendations to correct the deficiencies.

If the Engineer determines that the inspection report is not adequate, your report will be rejected and you must re-inspect and resubmit your report. Inadequate documentation may include poor camera head position, lack of focus, poor illumination, rapid rate of progression, and incomplete records and logs. No payment is made for re-cleaning and re-inspecting.

If there are deficiencies, do not start corrections until you have obtained authorization of the report.

#### **15-2.04F(3) Materials**

Not used.

#### **15-2.04F(4) Construction**

Comply with the following work sequence and notify the Engineer before you start each of the following steps:

1. Clean and prepare
2. Inspect and evaluate
3. Install temporary shoring and divert flow
4. Remove concrete
5. Construct CIDH Piling
6. Reconstruct drainage facility, complete.
7. Perform post-reconstruction inspection

Work sequence at the Arlington Channel UC with the temporary bridge will be similar.

**15-2.04F(5) Payment**

Temporary shoring and CIDH Piling are paid elsewhere.

Removal of the temporary bridge at Arlington Channel UC is included in the cost of this work.

**Item 11: Section 19 EarthWork.** Refer to Section 19 Earthwork, and subsection entitled "Replace the 2<sup>nd</sup> and 3<sup>rd</sup> paragraph with:" on page 53. The title of this subsection is corrected to read as follow:

**"Replace the 2nd and 3rd paragraph of Section 19-7.04 with:"**

**Item 12: Section 73 Concrete Curb and Sidewalks.** Refer to Section 73 Concrete Curb and Sidewalks, and subsection entitled "Add to section 73-1.04 with:" on page 91. The following additional verbiage is added to this subsection and made part thereof.

"Payment for Minor Concrete Pavement includes wire mesh reinforcement."

**Item 13: Section 83-1.02H(4)(b) Materials.** Refer to Section 83-1.02H(4)(b) Materials on page 96 of Special Provisions. The first paragraph of this section is deleted and replaced with the following:

"Terra-cotta tile custom fabricated by "Maruhachi Ceramics of America (M.C.A.), Inc." or "Gladding, McBean" or approved equal. Terra-cotta tile must comply with ICC-ES Evaluation Report No. 2144. Tile thickness: ½ inch; tile dimensions as shown on Plans. Color: As selected by Architect from manufacturer's full range."

**Item 14: Resident Engineer's Office**

The following Special Provisions are added and made part hereof:

**Resident Engineers Office:**

The Contractor must furnish and maintain a resident engineer's office for the exclusive use of the Engineer and Engineer's staff. Resident engineer's office consists of:

1. The resident engineer's office must be maintained in a clean, neat, and sanitary manner at all times. All sanitary paper products required for the restroom must be supplied by the Contractor.
2. A 1000 square feet, or larger, office facility with required utility hook up including electricity, potable water, 2 telephone lines, multi-line speaker phones, heating, and air conditioning. The facility will have 1 restroom and partitions creating 3 interior rooms. The Contractor will pay monthly rental fees and must obtain all rights of entry necessary.
3. The Contractor must provide all utility hook-ups for the resident engineer's office, including electrical power, telephone, potable water and sewage disposal. The Contractor must obtain all necessary permits and pay all fees.
4. The resident engineer's office must include a facsimile machine with a separate phone line and a copying machine capable of photocopying and scanning 11" x 17" size paper for the exclusive use of the Engineer and Engineer's staff for the entire duration of the project. The copy machine must be connected to a DSL line and it must also be connected with all computers in the resident engineer's office via wireless connection.
5. Theft and vandalism at the job site may be a problem. Contractor shall be responsible for the security of the resident engineer's office. If for any reason, the phone, copier, facsimile machine, any office furniture, and/or sanitary facility is vandalized, stolen, or in need of repair, the Contractor, upon receipt of written notice by Engineer, shall have a maximum of five (5) working days to replace or repair the items to full working order. If Contractor fails to comply with the five (5) working days specified, the County may at its option withhold monthly progress payments until the resident engineer's office is returned to full and complete working order.
6. Meet with the Engineer prior to construction, and at any other time circumstances warrant, and mutually agree on a location for the resident engineer's office. Approval by the Engineer must be obtained prior to implementation.
7. Furnish and supply for the duration of the contract:
  - 7.1. Furnish, service, and maintain resident engineer's office.
    - 7.1.1. The following office furniture, in new or near-new condition, shall be furnished, at a minimum:
      - 7.1.1.1. Two 30" x 60" desks with lockable drawers
      - 7.1.1.2. Two task swivel chairs
      - 7.1.1.3. One conference table to accommodate 8 conference chairs
      - 7.1.1.4. Eight conference chairs
      - 7.1.1.5. One 60"H x 40"W x 16"D book shelf
      - 7.1.1.6. One 60" x 36" drafting table and chair
    - 7.2. Supply utilities for resident engineer's office, including electricity, phone (2 lines), potable water, and DSL internet service for the duration of the contract, including fees.
    - 7.3. Supply, service and maintain sanitary facility.
    - 7.4. Facsimile machine (separate phone line).
    - 7.5. Furnish two current model personal computers for the duration of the contract, suitable and capable for office use, internet connected utilizing DSL service, and complete with necessary software including Microsoft Office, latest version.
    - 7.6. Two color laser printers, HP Color Laserjet Model 2605DN (also known as Q7822A) or approved alternate. One color flatbed scanner,

- HP Scanjet 5590 or approved alternate. All supplies and necessary maintenance for the use of the above equipment by the Engineer shall be furnished and supplied by the Contractor for the duration of the contract.
- 7.7 Copying and scanning machine (capable for size up to 11" x 17").
  - 7.8 Installation of 4 designated public parking spaces.
  - 7.9 Installation of appropriate number of designated parking spaces for the construction manager, inspectors, general contractors, workers, material suppliers, subcontractors and other support personnel.
  - 7.10 Installation of 1 large sized unit commercial trash bin with cover and regularly scheduled pick up.
  - 7.11 Resident engineer's office shall have a 24" x 36" sign, white color, affixed near the door. The sign text shall read "COUNTY OF RIVERSIDE TRANSPORTATION DEPARTMENT" and shall have County seals affixed to it. Contractor will be supplied the seals by the County.
  - 7.12 Remove resident engineer's office from the job site at the completion of the project.
  - 7.13 Security.
  - 7.14 If office is located on private property, all property rental costs and right of entry.
8. No monthly progress payments will be due to the Contractor until all provisions and requirements of "Resident Engineer's Office" are complete and in place.
9. Furnish and maintain resident engineer's office as described in this section for the duration of the contract work plus two months after contract acceptance and written permission from the Engineer. The lump sum price will be paid on equal monthly increments over the duration of the project.

**Item 15: Appendix J.** Refer to Appendix J (Section 86-Electrical System), on page 3 of 41. The Special Provisions under subsection "A. General" is deleted and replaced with the following:

**A. General**

Furnishing and installing traffic signal and highway lighting systems, including LED decorative and temporary lighting, and payment shall conform to the provisions in Section 86, "Electrical Systems", of the latest edition Standard Specifications, amendments to the Standard Specifications, and these Special Provisions.

**Item 16: Appendix J.** Refer to subsection DD. Payment Method in Appendix J on page 40 of 41. The following Special Provisions is added to this subsection and made part thereof:

The contract price paid per Lump Sum for Lighting and Sign Illumination shall include full compensation for furnishing all labor, materials, tools, equipment, foundations, including LED decorative lighting system, decorative pole and mast arm, shop drawing submittal documents, testing, potholing required for utility verification prior to all conduit and pole installation and incidents and for doing all the work specified herein, elsewhere in these Special Provisions, and plans including the complete installation of an operational street lighting system, removing and salvaging existing street lighting and

equipment, excavation and backfilling where needed and no additional compensation shall be allowed therefor.

The contract price paid per Lump Sum for Lighting (Temporary) system shall include full compensation for furnishing all labor, materials, tools, equipment, foundations pole and mast arm, shop drawing submittal documents, testing, potholing required for utility verification prior to all conduit and pole installation and incidents and for doing all the work specified herein, elsewhere in these Special Provisions, and plans including the complete installation of an operational temporary street lighting system, removing and salvaging temporary street lighting and equipment (when no longer needed), excavation and backfilling where needed and no additional compensation shall be allowed therefor.

**Item 17: Appendix J.** Following Special Provisions is added to Appendix J and made part thereof:

**Edison Street Lighting System**

The work of installing the necessary Edison Street Lighting System shall be performed in accordance with the Southern California Edison Company line extension plans (Currently known to be assigned Edison work order no. TD676338, Job no. 0474625), the current edition of the National Electric Code, these special provisions, and as directed by the Engineer.

The work shall be performed in accordance with Southern California Edison Plans, referenced elsewhere in this Addendum.

The Contractor's work shall include, but is not be limited to furnishing, installing and constructing the following, as generally shown on the Edison Company's plans as 'work to be performed by the customer':

Pad-mount transformer foundations, trenching, backfill, compaction, conduit, conduit sweeps, conduit risers to 10 feet above grade, pull rope, pull boxes, vaults, vault pads, pull boxes, and other required equipment.

Unless otherwise required on the Edison plans, pole riser conduit and sweeps shall be Schedule 80, and underground conduit, bends, etc, shall be Schedule 40. All other facilities shown on the Edison Company's plans shall be installed, if and as shown to be installed by the 'customer' or the County of Riverside

The Edison Company will inspect all work performed by the Contractor, provide and install transformers, provide and install conductors, provide and install conduit above Contractor installed risers (above the 10 foot level), and make final connections.

Bidding Contractors are advised to carefully review the Edison Company's plans prior to bidding to ensure that the bidding contractor and specialty sub-contractor, if utilized, understands the Contractor's responsibilities.

It shall be the Contractor's full responsibility to maintain electrical service to all existing traffic signals, lighting, signing and other electrical systems within the project limits. Designs for temporary electrical systems to serve the existing electrical systems shall be

prepared by the Contractor and shall be approved by the Engineer prior to implementation.

The street lighting system shall be constructed in accordance with the current edition of the National Electric Code, the standards and specifications of the Southern California Edison (SCE), the electrical plans as prepared by SCE, Street Light plans, which are included in the plan set issued to plan holders, and as directed by the Engineer.

The Contractor shall install the street lighting conduit so as to protect all existing utilities in-place. Horizontal and vertical alignment of conduit shall be adjusted to protect all existing utility, road and private facilities in-place. Additionally, conduit sweeps to street lighting locations shall be placed so as to protect all existing utility, road and privately owned facilities in-place.

The contractor shall provide necessary coordination with SCE for all work associated with the street lighting system.

1. The Contractor shall furnish and install all conduits with pull-ropes, including the sweeps and risers to service poles trenching, trench backfilling and compaction. The first 10' of riser conduit Schedule 40 in the ground, Schedule 80 for risers and sweeps, unless specified otherwise on the Edison Company's street lighting plans. All other facilities shown on the Edison Company's street lighting plans shall be furnished and installed, if shown to be installed by the "customer" or the County of Riverside, including but not limited to pads for transformers, vaults, pull boxes, etc. The Contractor shall coordinate with the Edison Company's inspector in all matters pertaining to the installation of street lighting.
2. Edison's contractor to install pole foundations, and will furnish and install the electroliers.
3. Edison crews to pull cable, install transformers as required, and energize.

The Contractor shall install the conduit so as to protect all existing utilities in-place. Horizontal and vertical alignment of conduit shall be adjusted to protect all existing utility, road and private facilities in-place. Additionally, conduit sweeps to street lighting locations shall be placed so as to protect all existing utility, road and privately owned facilities in-place.

The street lighting and line extension conduit shall be installed so as to provide the following clearances:

1. 30 inches of cover (top of conduit to finish grade) shall be maintained.
2. For crossings of street light conduit and other utilities and facilities: 6 inches of separation shall be maintained.
3. For street lighting conduit that is installed parallel to other utilities, pipes or culverts, 12 inches of separation shall be maintained.

The SCE, as owner of the electrical system, will furnish and install transformers, furnish and connect conductors between transformers and primary electric conductors, install risers on power poles, and will make final connections of street lighting conductors to

transformers. SCE will remove existing street lights after installation and energize the new street lighting system.

**General and Payment Provisions**

The Edison plans should be carefully reviewed prior to bidding to ensure that the bidding contractor and specialty sub-contractor, if utilized, understands the Contractor's responsibilities.

The Contractor shall coordinate with the Edison Company's inspector in all matters pertaining to the installation of the line extension and street lighting, including inspection.

All work shall be in accordance with the requirements, plans and specifications of the Edison Company. All work on the Edison Company's plans designated to be performed by the "Customer", including plan notes labeled "CF", shall be performed in accordance with these Special Provisions.

The Edison Company will be allowed a construction window and access to the project site as required by Edison.

All fees to the Edison Company associated with the street lighting system will be paid directly by the County of Riverside.

**Payment** – Full compensation, except as otherwise provided herein, for conforming to the requirements of this article including conduits, pull ropes, handholes, pads for transformers, vaults, etc. and all labor, equipment, materials and incidentals, as shown on the Edison Company's plans, (Job no. 047625) as described in the specifications and special provisions, and as directed by the Engineer, shall be paid for on a lump sum basis under the bid item "Edison Street Light System" and no additional compensation will be allowed therefor.

**Item 18:** **Appendix K.** Refer to Appendix K (Part 7, Traffic Signals, Lighting and Electrical Systems). Delete and replace the first paragraph under subsection 7-1.01 Description. The Special Provisions under subsection "A. General" is deleted and replaced with the following:

Furnishing and installing and modifying traffic signals, highway lighting including LED decorative and temporary lighting, flashing beacons and sign illumination, and including coordination with the City of Riverside, and payment therefore shall conform to the provisions in Section 86 "Signals, Lighting and Electrical Systems," of the State Standard Specifications and these Special.

**Item 19:** **Appendix K.** The following Special Provisions are added to Appendix K and made part thereof:

The contract price paid per Lump Sum for Lighting and Sign Illumination shall include full compensation for furnishing all labor, materials, tools, equipment, foundations, including LED decorative lighting system, decorative pole and mast arm, street lighting systems within the City of Riverside, shop drawing submittal documents, testing,

potholing required for utility verification prior to all conduit and pole installation and incidents and for doing all the work specified herein, elsewhere in these Special Provisions, and plans including the complete installation of an operational street lighting system, coordination with the City of Riverside, removing and salvaging existing street lighting and equipment, excavation and backfilling where needed and no additional compensation shall be allowed therefor.

The contract price paid per Lump Sum for Lighting (Temporary) system shall include full compensation for furnishing all labor, materials, tools, equipment, foundations pole and mast arm, shop drawing submittal documents, testing, potholing required for utility verification prior to all conduit and pole installation and incidents and for doing all the work specified herein, elsewhere in these Special Provisions, and plans including the complete installation of an operational temporary street lighting system, removing and salvaging temporary street lighting and equipment (when no longer needed), coordination with the City of Riverside, excavation and backfilling where needed and no additional compensation shall be allowed therefor.

**Item 20: Appendix K.** Following Special Provisions are added to Appendix K and made part thereof:

**7-1.02 Coordination with City of Riverside Public Utilities Department**

The work of installing the necessary Street Lighting and Utility Service connection Systems within the City of Riverside limits shall be performed in accordance with the current plans, current edition of the National Electric Code, these special provisions, Riverside Public Utilities Department Standards and as directed by the Engineer. For service to temporary and permanent connections the work shall be performed in accordance with City of Riverside Public Utilities Plans and Details.

The contractor shall provide necessary coordination with The City of Riverside Public Utilities for all work associated with the street lighting and Electrical Service Connection systems within the City of Riverside limits. Coordinate and arrange with the Riverside Public Utilities inspector in all matters pertaining to the installation of the street lighting and electrical service connection required to activate, including inspection. Contact the City Public Utilities Service Planner Vanessa Scott, 951-826-2123, at least four weeks in advance for processing the request for service connection and inspection.

**Item 21: Project Information; Questions and Responses.**

Questions and Responses information list is available as a free download at the following County website:

[http://www.tlma.co.riverside.ca.us/trans/con\\_bid\\_advertisements.html](http://www.tlma.co.riverside.ca.us/trans/con_bid_advertisements.html)

This (downloadable) file is provided for reference only. For any discrepancy written on the Questions and Responses, the Contractor shall conform to the contract documents.

The Contractor Questions and Responses are included as **Attachment "B"**.

**See Attachment "B"**



**Item 22: BNSF Freight and Passenger Traffic.** The following is the latest information made available to the County pertaining to the daily train traffic.

- 63 Freight Trains and 23 Passenger Trains per day.

**MODIFICATIONS / CLARIFICATIONS TO THE PLANS:**

**Item 23: Standard Plan and Hanger Detail**

Refer to Appendix B (Standard Plan List) of Special provisions. Following details are added to the list and made part thereof.

- Conduit Support Detail for Time Warner Cable
- Water Supply Line (Details) [2010 Standard Plan B14-5]

**See Attachment "C"**

**Item 24: Plan Sheets (Replacement)**

Refer to following plan sheets. These plan sheets are deleted and replaced with revised sheets as noted below:

1. Sheet 8, RM-1
2. Sheet 9, RM-2
3. Sheet 11, L-1
4. Sheet 12, L-2
5. Sheet 13, L-3
6. Sheet 14, L-4
7. Sheet 28, C-7
8. Sheet 29, C-8
9. Sheet 30, C-9
10. Sheet 129, U-2
11. Sheet 130, U-3
12. Sheet 131, U-4
13. Sheet 132, U-5
14. Sheet 135, CP-3(missing signature now provided), no other revisions
15. Sheet 138, IP-3 (missing signature now provided)
16. Sheet 139, PP-1
17. Sheet 141, PP-3(missing signature now provided)
18. Sheet 151, Retaining Wall No. 1, General Plan [Sheet 2 of 40]
19. Sheet 153, Retaining Wall No. 1, Layout No. 2 [Sheet 4 of 40]
20. Sheet 154, Retaining Wall No. 1, General Plan [Sheet 5 of 40]

**See Attachment "D"**

**Note:** All revised plan sheets are posted on following website and available for download during the advertisement period.

[http://www.rctlma.org/trans/con\\_bid\\_advertisements.html](http://www.rctlma.org/trans/con_bid_advertisements.html)

**Item 25: Construction Note Correction**

Construction notes on the Layout sheets, and/or elsewhere on the plan sheets, state that the City of Riverside sewer manhole covers and water valve covers will be adjusted to final grade by the utility owner.

City of Riverside sewer manhole covers shall be adjusted to grade by the Contractor in accordance with City of Riverside requirements under the bid item established for that work.

City of Riverside water valve covers shall be adjusted to grade by the Contractor in accordance with City of Riverside requirements, and in accordance with the Special Provision entitled "Obstructions".

**Item 26: SCE Electrical Service Plans (Job No. 482585\_0.01)**

The following plans are issued hereby and made a part of the contract documents:

SCE electric service drawing, traffic signal and lighting service  
Magnolia Ave. & Lincoln St.

Additional service drawings are anticipated and will be provided by Addendum if feasible.

**See Attachment "E"**

**Item 27: SCE Street Light Plans (Job No.0474625)**

The preliminary Southern California Edison Plan for the installation of Street Lighting, plan, Edison work order no. TD676338, is attached and made a part hereof.

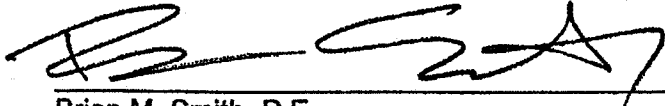
The Contractor is advised that the plan is preliminary, and the final plan will be provided to the successful contractor.

The Contractor shall perform all work indicated on the plans to be performed by the "Owner", and as described herein.

The Contractor is further advised that the background image on the plan represents the current topography. The base map for the final plans will be based on the project improvements. However, for bidding purposes, the issued plans are anticipated to be consistent with the final plans with respect to conduit lengths, numbers of structures to install, backfill requirements, and associated work as may be required to complete the task.

**See Attachment "F"**

This addendum has been prepared under the direction of the following registered Civil Engineer(s):


  
Brian M. Smith, P.E.



**Recommended by:**

  
C. Scott Staley, PE  
County Project Manager

**Concurrence:**

 10/17/13  
Khalid Nasim, PE  
Engineering Division Manager

**Acknowledged:** \_\_\_\_\_ **Date:** \_\_\_\_\_  
(Contractor)

JRJ:jj:sb

Note: Refer to Instruction to Bidders Item No. 8, "Addenda". Submission of all addendum pages and non-bidding document attachments of addendum are not necessary for Bid submittal. Submittal of this acknowledgement page is adequate for Bid reception. Bidders are reminded to list addendum number(s) received on the first page of the Bid form (Proposal).

**ATTACHMENTS**

**A – Revised Proposal**

**B – Questions and Responses**

**C – Standard Plan and Hanger Detail (Conduit Support Detail and Water Supply Line)**

**D – Plan Sheet Replacements**

**E – SCE Electrical Service Plans**

**F – SCE Street Light Plans**

**Magnolia Avenue/ BNSF Railway  
Grade Separation Project  
between Lincoln Street and Buchanan Street  
in the City of Riverside and Home Gardens area  
Project No. B7-0784  
Federal Aid No. TCIFCML-5956 (193)**

**PROPOSAL (REVISED)**

**BASE BID**

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
1	015602	FUNDING AWARENESS SIGN	EA	2		
2	019902	COURSE OF CONSTRUCTION INSURANCE	LS	1		
3	066105	RESIDENT ENGINEERS OFFICE	LS	1		
4	070012	PROGRESS SCHEDULE (CRITICAL PATH METHOD)	LS	1		
5	074016	CONSTRUCTION SITE MANAGEMENT	LS	1		
6	066102	DUST ABATEMENT	LS	1		
7	148005	NOISE MONITORING	LS	1		
8	170101	DEVELOP WATER SUPPLY	LS	1		
9	190110	LEAD COMPLIANCE PLAN	LS	1		
10	<b>760090</b>	<b>MOBILIZATION, DEMOBILIZATION AND FINAL CLEANUP</b>	<b>LS</b>	<b>1</b>		
11	074019	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	1		
12	074020	WATER POLLUTION CONTROL	LS	1		
13	120090	CONSTRUCTION AREA SIGNS	LS	1		
14	120110	FLASHING ARROW SIGN	EA	9		
15	120120	TYPE III BARRICADE	EA	74		
16	120149	TEMPORARY PAVEMENT MARKING (PAINT)	SQFT	1,610		
17	120159	TEMPORARY TRAFFIC STRIPE (PAINT)	LF	28,880		
18	120165	CHANNELIZER (SURFACE MOUNTED)	EA	810		
19	120300	TEMPORARY PAVEMENT MARKER	EA	320		
20	128650	PORTABLE CHANGEABLE MESSAGE SIGN	EA	2		
21	129000	TEMPORARY RAILING (TYPE K)	LF	16,300		
22	129100	TEMPORARY CRASH CUSHION MODULE (TS11)	EA	220		
23	129110	TEMPORARY CRASH CUSHION (ABSORB 350)	EA	6		
24	129150	TEMPORARY TRAFFIC SCREEN	LF	8,200		
25	833077	PEDESTRIAN BARRICADE (ROADSIDE SIGN)	EA	2		

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
26	860400	LIGHTING (TEMPORARY)	LS	1		
27	160101	CLEARING AND GRUBBING (SEE SPECIAL PROVISIONS FOR ADDITIONAL WORK)	LS	1		
28	151251	SALVAGE IRRIGATION FACILITY	EA	1		
29	151281	SALVAGE ROADSIDE SIGN	EA	5		
30	011511(F)	REMOVE MISCELLANEOUS ITEMS [BUMPER POLE]	EA	5		
31	011511(F)	REMOVE MISCELLANEOUS ITEMS [BLOCK PLANTER WALL]	LF	43		
32	011511	REMOVE MISCELLANEOUS ITEMS [PARKING BUMPER]	EA	30		
33	000003	REMOVE MASONRY WALL	LF	370		
34	141101(F)	REMOVE YELLOW PAINTED TRAFFIC STRIPE (HAZARDOUS WASTE)	LF	1,639		
35	150605	REMOVE FENCE [WROUGHT IRON FENCE AND GATE]	LF	70		
36	150608	REMOVE CHAIN LINK FENCE	LF	120		
37	150662	REMOVE METAL BEAM GUARD RAILING	LF	640		
38	150711(F)	REMOVE PAINTED TRAFFIC STRIPE	LF	7,474		
39	150829	REMOVE RETAINING WALL	LF	70		
40	150805	REMOVE CULVERT	LF	70		
41	150807	REMOVE STORM DRAIN [12"]	LF	21		
42	150807	REMOVE STORM DRAIN [15"]	LF	81		
43	150807	REMOVE STORM DRAIN [18"]	LF	590		
44	150807	REMOVE STORM DRAIN [21"]	LF	150		
45	150807	REMOVE STORM DRAIN [33"]	LF	38		
46	150807	REMOVE STORM DRAIN [18" ASBESTOS]	LF	144		
47	150821	REMOVE HEADWALL [EXISTING]	EA	4		
48	150826	REMOVE MANHOLE [EXISTING]	EA	1		
49	150827	REMOVE CATCH BASIN [EXISTING]	EA	9		
50	153120(F)	REMOVE CONCRETE (DITCH)	LF	1,980		
51	153140(F)	REMOVE CONCRETE SIDEWALK	SQYD	1,488		
52	153210	REMOVE CONCRETE [PAVERS]	SQYD	500		
53	153210	REMOVE CONCRETE [ACCESS RAMP]	SQYD	260		
54	153210	REMOVE CONCRETE [DRIVEWAY AND APPROACH]	SQYD	420		
55	153210	REMOVE CONCRETE [CROSS GUTTER AND SPANDRAL]	SQYD	200		
56	153210	REMOVE CONCRETE [PILASTER]	EA	1		

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
57	153210	REMOVE CONCRETE [STAMPED]	SQYD	6,150		
58	153130	REMOVE CONCRETE CURB	LF	3,920		
59	153215(F)	REMOVE CONCRETE (CURB AND GUTTER)	LF	9,313		
60	150846	REMOVE CONCRETE PAVEMENT	CY	1,700		
61	150769(F)	REMOVE ASPHALT CONCRETE	CY	5,045		
62	150769	REMOVE ASPHALT CONCRETE [WALKWAY]	CY	250		
63	150771	REMOVE ASPHALT CONCRETE DIKE	LF	660		
64	153121	REMOVE CONCRETE	CY	6		
65	160120(F)	REMOVE TREE	EA	190		
66	160120(F)	REMOVE TREE [PALM]	EA	32		
67	152255	RESET MAILBOX	EA	4		
68	152379	RELOCATE FENCE [WROUGHT IRON FENCE AND GATE]	LF	60		
69	152379	RELOCATE FENCE [CHAIN LINK FENCE AND GATE]	LF	560		
70	152390	RELOCATE ROADSIDE SIGN	EA	10		
71	152394	RELOCATE SIGN STRUCTURE	EA	2		
72	150206	ABANDON CULVERT	LF	720		
73	155003(F)	CAP INLET	EA	2		
74	152440	ADJUST MANHOLE TO GRADE	EA	6		
75	000003(F)	CLEANOUT BOX (CITY 425)	EA	1		
76	000003	GRATING CATCH BASIN (W=6.40', SPPWC 304-3)	EA	4		
77	000003	GRATING CATCH BASIN (W=2.95', SPPWC 304-3)	EA	1		
78	000003	PRECAST CATCH BASIN (2' X 2')	EA	1		
79	000003	TRANSITION STRUCTURE RCB-PIPE (SPPWC 342-2)	EA	2		
80	000003	JUNCTION STRUCTURE (CITY 422)	EA	1		
81	703203	CORRUGATED STEEL PIPE RISER (.138" THICK)	EA	1		
82	000003(F)	PRECAST CONCRETE PIPE INLET (CALTRANS D75B)	EA	2		
83	000003(F)	DETENTION BASIN EXCAVATION	CY	352		
84	013902	ASPHALT CONCRETE OVERSIDE DRAIN (CRS 306)	EA	2		
85	015101	CLASS B CONCRETE (COLLAR) (RCFC&WCDS M803)	EA	4		
86	017003	CATCH BASIN (CURB INLET) (CRS 300) [W=21']	EA	1		
87	017003	CATCH BASIN (CURB INLET) (CRS 300) [W=14']	EA	1		

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
88	017003	CATCH BASIN (CURB INLET) (CRS 300) [W=7']	EA	1		
89	017003	CATCH BASIN (CURB INLET) (CRS 300) [W=4']	EA	3		
90	000001	ITEM DELETED BY ADDENDUM	---	---	---	---
91	017005	CATCH BASIN (COMBINATION INLET) (CRS 302 - NO.2) [W=6.40']	EA	2		
92	017101	MANHOLE (RCFC&WCDS MH251)	EA	2		
93	017105	JUNCTION STRUCTURE (RCFC&WCDS JS 227)	EA	6		
94	017110	MANHOLE (RCFC&WCDS MH254) [NO.4]	EA	1		
95	017111	JUNCTION STRUCTURE (RCFC&WCDS JS 229)	EA	1		
96	510090(F)	STRUCTURAL CONCRETE, BOX CULVERT [CALTRANS D80] (3' X 1.5')	LF	58		
97	510501(F)	MINOR CONCRETE [BULKHEAD]	EA	16		
98	510501(F)	MINOR CONCRETE [INLET DEPRESSION] (CALTRANS D78C)	CY	4		
99	510535(F)	MINOR CONCRETE (HEADWALL)	EA	1		
100	620800(F)	CONCRETE BACKFILL (PIPE TRENCH)	CY	2		
101	650014	18" REINFORCED CONCRETE PIPE	LF	580		
102	650018	24" REINFORCED CONCRETE PIPE	LF	1,500		
103	650026	36" REINFORCED CONCRETE PIPE	LF	660		
104	700617	DRAINAGE INLET MARKER	EA	19		
105	703514	8" WELDED STEEL PIPE (.105" THICK)	LF	62		
106	705204(F)	18" CONCRETE FLARED END SECTION	EA	1		
107	709904	CATCH BASIN [TYPE 1] (CITY 400) (W=14')	EA	3		
108	709904	CATCH BASIN [CITY 407] (W=14')	EA	1		
109	719300	MANHOLE [CITY 431]	EA	3		
110	721011(F)	ROCK SLOPE PROTECTION (BACKING NO. 2, METHOD B)	CY	38		
111	721420	CONCRETE (DITCH LINING)	CY	13		
112	721431	CONCRETE (CONCRETE APRON)	CY	1		
113	731507(F)	MINOR CONCRETE (GUTTER DEPRESSION) (CRS 311)	CY	13		
114	731507(F)	MINOR CONCRETE (GUTTER DEPRESSION) (CRS 312)	CY	1		
115	192003(F)	STRUCTURE EXCAVATION (BRIDGE)	CY	1,558		
116	192037(F)	STRUCTURE EXCAVATION (RETAINING WALL)	CY	570		
117	193003(F)	STRUCTURE BACKFILL (BRIDGE)	CY	1,227		
118	193013(F)	STRUCTURE BACKFILL (RETAINING WALL)	CY	624		



ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
119	198010(F)	IMPORTED BORROW	CY	10,785		
120	000003	CITRUS LABEL TILES	EA	23		
121	000003	INTERPRETIVE PANEL TILES	EA	10		
122	151509	RECONSTRUCT DRAINAGE FACILITY (ARLINGTON CHANNEL WALL AT CIDH PILE )	LS	1		
123	000003	POST GROUTING CIDH PILE	EA	7		
124	151509	RECONSTRUCT DRAINAGE FACILITY (ARLINGTON CHANNEL UC AT TEMP BRIDGE)	LS	1		
125	151540	RECONSTRUCT CHAIN LINK FENCE	LF	87		
126	477020	MECHANICALLY STABILIZED EMBANKMENT [TEMPORARY RETAINING WALL]	SQFT	4,530		
127	477021(F)	MECHANICALLY STABILIZED EMBANKMENT, LOCATION A	SQFT	8,658		
128	477022(F)	MECHANICALLY STABILIZED EMBANKMENT, LOCATION B	SQFT	8,226		
129	477023(F)	MECHANICALLY STABILIZED EMBANKMENT, LOCATION C	SQFT	1,704		
130	480600	TEMPORARY SHORING [ARLINGTON CHANNEL WALL]	LS	1		
131	490508	FURNISH STEEL PILING (HP 10 X 57)	LF	253		
132	490509	DRIVE STEEL PILE (HP 10 X 57)	EA	10		
133	490528	FURNISH STEEL PILING (HP 14 X 89)	LF	4,364		
134	490529	DRIVE STEEL PILE (HP 14 X 89)	EA	115		
135	490623	156" CAST-IN-DRILLED-HOLE CONCRETE PILING	LF	1,519		
136	500001	PRESTRESSING CAST-IN-PLACE CONCRETE (LONGITUDINAL)	LS	1		
137	500001	PRESTRESSING CAST-IN-PLACE CONCRETE (TRANSVERSE)	LS	1		
138	510050(F)	STRUCTURAL CONCRETE [SIDEWALK SLAB]	CY	65		
139	510051(F)	STRUCTURAL CONCRETE, BRIDGE FOOTING	CY	314		
140	510053(F)	STRUCTURAL CONCRETE, BRIDGE	CY	13,315		
141	510060(F)	STRUCTURAL CONCRETE, RETAINING WALL	CY	245		
142	510072(F)	STRUCTURAL CONCRETE, BARRIER SLAB	CY	516		
143	510086(F)	STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N)	CY	197		
144	511035(F)	ARCHITECTURAL TREATMENT	SQFT	4,090		
145	511047(F)	ANTI-GRAFFITI COATING	SQFT	69,820		
146	518051	PTFE SPHERICAL BEARING [HINGE]	EA	7		
147	518051	PTFE SPHERICAL BEARING [ABUTMENT 11]	EA	7		
148	519089	JOINT SEAL ASSEMBLY [MR 10 1/2"]	LF	77		
149	519095	JOINT SEAL ASSEMBLY (MR 4")	LF	75		

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
150	519109	JOINT SEAL ASSEMBLY (MR 6 1/2")	LF	79		
151	520102(F)	BAR REINFORCING STEEL (BRIDGE)	LB	4,857,853		
152	520103(F)	BAR REINFORCING STEEL (RETAINING WALL)	LB	26,368		
153	550102(F)	STRUCTURAL STEEL (BRIDGE)	LB	27,069		
154	550203(F)	FURNISH STRUCTURAL STEEL (BRIDGE)	LB	22,497		
155	550204(F)	ERECT STRUCTURAL STEEL (BRIDGE)	LB	22,497		
156	590115	CLEAN AND PAINT STRUCTURAL STEEL	LS	1		
157	703450	WELDED STEEL PIPE CASING (BRIDGE) [32"]	LF	84		
158	731517	MINOR CONCRETE (GUTTER) [WALL]	LF	151		
159	750041(F)	ISOLATION CASING	LB	29,150		
160	750496(F)	MISCELLANEOUS METAL (RESTRAINER - PIPE TYPE)	LB	15,003		
161	750498(F)	MISCELLANEOUS METAL (RESTRAINER - CABLE TYPE)	LB	1,775		
162	750501(F)	MISCELLANEOUS METAL (BRIDGE)	LB	6,601		
163	750505(F)	BRIDGE DECK DRAINAGE SYSTEM	LB	11,963		
164	071321	TEMPORARY FENCE (TYPE CL-6)	LF	68		
165	833000(F)	METAL RAILING (RAMP)	LF	321		
166	833000(F)	METAL RAILING (BRIDGE)	LF	2,925		
167	833000(F)	METAL RAILING [27"]	LF	169		
168	833088(F)	TUBULAR HANDRAILING [22"]	LF	1,463		
169	000003(F)	CONCRETE PARAPET	LF	1,509		
170	833142(F)	CONCRETE BARRIER (TYPE 26 MODIFIED)	LF	137		
171	839401(F)	CONCRETE BARRIER [TYPE 732/60D MODIFIED]	LF	330		
172	839521(F)	CABLE RAILING	LF	135		
173	839704(F)	CONCRETE BARRIER (TYPE 60D) [MODIFIED]	LF	700		
174	839717(F)	CONCRETE BARRIER (TYPE 732 MODIFIED)	LF	3,902		
175	839721(F)	CONCRETE BARRIER (TYPE 732A)	LF	178		
176	017305	MINOR CONCRETE (CURB AND GUTTER) (CRS201)	LF	4,430		
177	017309	MINOR CONCRETE (TYPE "D" CURB) (CRS 204)	LF	1,530		
178	017315	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE A)	EA	2		
179	017316	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE B)	EA	4		
180	510501	MINOR CONCRETE [RETAINING CURB]	LF	250		

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
181	510501	MINOR CONCRETE [TYPE II] ( CITY 200)	LF	1,470		
182	513553(F)	RETAINING WALL (MASONRY WALL)	LF	83		
183	513570(F)	CONCRETE BLOCK WALL [SLOUGH]	LF	111		
184	513570(F)	CONCRETE BLOCK WALL [SECURITY]	LF	191		
185	513570(F)	CONCRETE BLOCK WALL [ENCLOSURE]	LF	162		
186	730040	MINOR CONCRETE (GUTTER) [LONGITUDINAL]	LF	130		
187	731504	MINOR CONCRETE (CURB AND GUTTER) [CITY 200] (TYPE 1]	LF	1,030		
188	731504	MINOR CONCRETE (CURB AND GUTTER) [DETAIL 3]	LF	160		
189	731516	MINOR CONCRETE (DRIVEWAY) [DETAIL 7]	SQFT	2,210		
190	731516	MINOR CONCRETE (DRIVEWAY) [DETAIL 302] (TYPE-II]	SQFT	590		
191	731516	MINOR CONCRETE (DRIVEWAY) [CITY 302] (TYPE CURB-1]	SQFT	340		
192	731516	MINOR CONCRETE (DRIVEWAY) [DETAIL 9]	SQFT	630		
193	731519	MINOR CONCRETE (STAMPED CONCRETE)	SQFT	330		
194	731521	MINOR CONCRETE (SIDEWALK)	SQFT	10,320		
195	731623	MINOR CONCRETE (CURB RAMP) [CITY 304]	EA	2		
196	731623	MINOR CONCRETE (CURB RAMP) [DETAIL 1]	EA	1		
197	735000(F)	PARKING BUMPER (PRECAST CONCRETE)	EA	27		
198	800300(F)	CHAIN LINK FENCE [H = 6']	LF	1,484		
199	800360(F)	CHAIN LINK FENCE (TYPE CL-6)	LF	210		
200	801340(F)	METAL GATE [WROUGHT IRON, 26']	EA	1		
201	000003	WROUGHT IRON FENCE	LF	17		
202	802620(F)	16' CHAIN LINK GATE (TYPE CL-6)	EA	2		
203	011508(F)	COLD PLANE ASPHALT CONCRETE PAVEMENT (.17') [MAX]	SQYD	3,487		
204	260201	CLASS 2 AGGREGATE BASE	CY	11,200		
205	377501(F)	SLURRY SEAL	SQYD	579		
206	390132	HOT MIX ASPHALT (TYPE A)	TON	15,500		
207	<b>510501</b>	<b>MINOR CONCRETE [PCC PAVEMENT]</b>	CY	630		
208	220101	FINISHING ROADWAY	LS	1		
209	066827	STRIPING AND PAVEMENT MARKERS (THERMOPLASTIC)	LS	1		
210	208000	IRRIGATION SYSTEM	LS	1		
211	000003	LANDSCAPE IMPROVEMENTS	LS	1		

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
212	860201	SIGNAL AND LIGHTING	LS	1		
213	860460	LIGHTING AND SIGN ILLUMINATION	LS	1		
214	000003(F)	CRASH CUSHION (TYPE TRACC)	EA	1		
215	832001	METAL BEAM GUARD RAILING	LF	88		
216	839541(F)	TRANSITION RAILING (TYPE WB)	EA	1		
217	839585(F)	ALTERNATIVE FLARED TERMINAL SYSTEM	EA	1		
218	000003	RECONSTRUCT BOLLARD	EA	5		
219	000003	RECONSTRUCT BACKFLOW PREVENTER AND COVER	EA	9		
220	000003	RECONSTRUCT MONUMENT SIGN	EA	2		
221	562001	METAL (ROADSIDE SIGN) [BARRIER MOUNTED]	EA	1		
222	562001	METAL (ROADSIDE SIGN) [WALL MOUNTED]	EA	8		
223	562001	METAL (ROADSIDE SIGN) [LIGHT POLE MOUNTED]	EA	16		
224	562001	METAL (ROADSIDE SIGN) [FENCE MOUNTED]	EA	12		
225	566011	ROADSIDE SIGN - ONE POST	EA	44		
226	566012	ROADSIDE SIGN - TWO POST	EA	3		
227	000001	ITEM DELETED BY ADDENDUM	---	---	---	---
228	000003	FURNISH 12-INCH DUCTILE IRON PIPE (PRESSURE CLASS 350).	LF	280		
229	000003	INSTALL 12-INCH DUCTILE IRON PIPE COMPLETE PER PLAN AND CWD-040-1 & 2.	LF	280		
230	000003	FURNISH 20-INCH DUCTILE IRON PIPE (PRESSURE CLASS 250).	LF	420		
231	000003	INSTALL 20-INCH DUCTILE IRON PIPE COMPLETE PER PLAN AND CWD-040-1 & 2.	LF	420		
232	000003	FURNISH AND INSTALL TEMPORARY HIGHLINE, INCLUDING ALL FITTINGS AND APPURTENANCES, PER PLAN.	LS	1		
233	000003	FURNISH AND INSTALL 24-INCH STEEL SPLIT CASING, PER PLAN	LF	50		
234	000003	FURNISH AND INSTALL 2-INCH WATER SERVICE PER CWD-601	EA	1		
235	000003	FURNISH AND INSTALL FIRE HYDRANT ASSEMBLY COMPLETE PER CWD-700	EA	1		
236	000003	FURNISH AND INSTALL 4" TEMPORARY BLOW-OFF ASSEMBLY COMPLETE PER CWD-413, RESTRAIN ALL JOINTS	EA	4		
237	000003	FURNISH AND INSTALL 2-INCH AIR VALVE PER CWD-451	EA	1		
238	000003	FURNISH AND INSTALL 12-INCH RESILIENT WEDGE GATE VALVE AND VALVE BOX PER CWD-500 AND CWD-515	EA	1		
239	000003	FURNISH AND INSTALL 6-INCH BLOW-OFF PER CWD-410-A	EA	2		
240	000003	TESTING, CHLORINATION, SANITARY SAMPLES, FLUSHING AND DISPOSAL OF CHLORINATED WATER	LS	1		

Attachment "A" to Addendum No. 2

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
241	000003	FURNISH AND INSTALL SYSTEM CONNECTIONS, INCLUDING ALL NECESSARY PIPING AND APPURTENANCES COMPLETE PER PLAN	LS	1		
242	000003	PROVIDE TRENCH SHORING, BRACING, AND PLATING, INCLUDING PLANS AND PERMITS	LS	1		
243	190101	ROADWAY EXCAVATION	CY	25,750		
244	000003	EDISON STREET LIGHT SYSTEM	LS	1		
245	000003 (P-F)	PIPE HANDRAILING	LF	227		
246	120100	TRAFFIC CONTROL SYSTEM [MISCELLANEOUS AND NON-RAILROAD FLAGGING]	LS	1		
247	66020	RELATIONS WITH RAILROAD [INCLUDING RAILROAD FLAGGING]	LS	1		

BASE BID SUBTOTAL: \_\_\_\_\_ \$ \_\_\_\_\_  
 ITEMS 1-247 "WORDS"

ALTERNATE 1 BID SCHEDULE (HGSD)

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
248	152475	ADJUST SEWER MANHOLE	EA	9		
249	000003	8" HIGH STRENGTH VCP SEWER MAIN	LF	76		
250	000001	ITEM DELETED BY ADDENDUM	---	---	-----	-----
251	000003	48" PRECAST CONCRETE MANHOLE	EA	1		
252	000003	CONNECTION TO EXISTING MANHOLE	EA	2		
253	000003	REMOVE AND DISPOSE OF EXISTING 8" CIP SEWER	LF	78		
254	000003	TEMPORARY SEWER BYPASS	LS	1		

ALT. BID SUBTOTAL: \_\_\_\_\_ \$ \_\_\_\_\_  
 ITEMS 248-254 "WORDS"

PROJECT TOTAL: \_\_\_\_\_ \$ \_\_\_\_\_  
 ITEMS 1-254 "WORDS"