

THE BOARD OF SUPERVISORS OF THE COUNTY OF STANISLAUS
ACTION AGENDA SUMMARY

DEPT: Public Works *[Signature]*

BOARD AGENDA # *C-2

Urgent Routine

AGENDA DATE December 4, 2012

CEO Concurs with Recommendation YES NO
(Information Attached)

4/5 Vote Required YES NO

SUBJECT:

Approval to Award a Construction Contract for the SR 99/SR 219 (Kiernan Avenue) Interchange Project to O.C. Jones & Sons, Inc., Berkeley, California

STAFF RECOMMENDATIONS:

1. Approve the conditional award of the contract in the amount of \$24,934,986.50 to O.C. Jones & Sons, Inc. Berkeley, California for the construction of the SR 99/SR 219 (Kiernan Avenue) Interchange Project, subject to receipt of appropriate insurance and bonds.
2. Authorize the Director of Public Works to execute a contract with O.C. Jones & Sons, Inc. for \$24,934,986.50 and to sign necessary documents.
3. Authorize the Director of Public Works to execute change orders in accordance with Public Contract Code, Section 20142.

(Continued on Page 2)

FISCAL IMPACT:

Associated costs to assure the delivery of this project total \$33,562,667.15 (\$24,934,986.50 contract; \$2,493,498.65 for contract change orders and contingencies; \$650,000 for supplemental work; \$4,984,182 construction management, and \$500,000 for California Highway Patrol Construction Zone Enforcement). All of these construction related costs will be completely funded with Proposition 1B - State Route 99 Bond Savings funds. A total of \$37.1 million was allocated to the project by the California Transportation Commission on June 27, 2012.

(Continued on Page 2)

BOARD ACTION AS FOLLOWS:

No. 2012-585

On motion of Supervisor Withrow, Seconded by Supervisor Monteith
and approved by the following vote,

Ayes: Supervisors: Chiesa, Withrow, Monteith, De Martini and Chairman O'Brien

Noes: Supervisors: None

Excused or Absent: Supervisors: None

Abstaining: Supervisor: None

1) X Approved as recommended

2) _____ Denied

3) _____ Approved as amended

4) _____ Other:

MOTION:

Christine Ferraro

ATTEST: CHRISTINE FERRARO TALLMAN, Clerk

File No.

Approval to Award a Construction Contract for the SR 99/SR 219 (Kiernan Avenue) Interchange Project to O.C. Jones & Sons, Inc., Berkeley, California

STAFF RECOMMENDATIONS (Continued):

4. Upon project completion, authorize the Director of Public Works to accept the completed improvements and perform all necessary closeout activities.
5. Authorize the Construction Manager to issue a "Notice to Proceed" contingent upon receipt of proper insurance and bonds.

FISCAL IMPACT (Continued):

The costs incurred to date on this project are approximately \$8.8 million. Environmental and design costs were slightly over \$7 million and right of way costs were \$1.8 million. These phases were funded by Regional Transportation Impact Fees (\$5.9 million), Salida Development Fees (\$765,000), Proposition 1B Local Streets and Roads (\$725,000), Kaiser Voluntary Funds (\$1 million), and Road and Bridge local funds (\$410,000).

The project will also have future expenditures of approximately \$400,000 for utility relocations, which will be funded by Regional Transportation Impact Fees. These expenditures will not be realized until the utility relocations are completed. The relocation work is currently underway.

DISCUSSION:

Stanislaus County, in cooperation with Caltrans District 10, proposes to reconstruct the SR 99/SR 219 (Kiernan Avenue) Interchange in the community of Salida. This project will help facilitate future growth, help alleviate traffic congestion, and will improve the operation of this interchange. Increasing the efficiency of the interchange will also encourage the free flow of goods and services for the region and the State. Two build alternatives and the no-build alternative were proposed and studied for this interchange. Alternative #1 was the preferred and selected alternative and has been estimated to cost approximately \$45 million (in today's dollars) for environmental, design, right-of-way acquisitions, utility relocations, and construction. The environmental, design, right-of-way phase, and utility relocations are funded by the Stanislaus County Public Facilities Fees and environmental mitigation fees. The SR 99 Bond Savings funds allocated by the California Transportation Commission (\$37.1 million) will cover 100% the construction phase of the project.

The proposed interchange improvements include reconstruction of the existing interchange to provide improved operations for turning movements to and from State Route (SR) 99, as well as associated local road improvements at adjacent intersections.

California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA) clearance was obtained on May 25, 2011 by Caltrans. An Initial Study with Mitigated Negative Declaration/Environmental Assessment with Finding of No Significant Impact was prepared, circulated, approved, and adopted by Caltrans. Acting as a responsible agency, the County Board of Supervisors adopted the environmental document on July 17, 2012. There are no significant environmental impacts of the proposed project.

Approval to Award a Construction Contract for the SR 99/SR 219 (Kiernan Avenue) Interchange Project to O.C. Jones & Sons, Inc., Berkeley, California

The design phase of the project, including right of way certification, was completed on May 14, 2012. The Board adopted the plans and specifications for the project on July 17, 2012. The project began advertising for bids on September 10, 2012.

On October 31, 2012, six sealed bids were received, publicly read and opened. A summary of the bids follows:

CONTRACTOR	BID
O.C. Jones & Sons, Inc.	\$24,934,986.50
DeSilva Gates Construction	\$24,955,955.00
George Reed, Inc.	\$25,706,701.55
Teichert Construction	\$25,973,981.75
RGW Construction	\$26,875,277.55
Granite Construction	\$28,505,074.00

The engineer's estimate for the budget of the project was \$28,456,000. The lowest bid is approximately 12% below the engineer's estimate.

POLICY ISSUES:

The recommended actions are consistent with the Board's priorities of providing A Safe Community, A Healthy Community and A Well Planned Infrastructure System by providing a reconstructed interchange of Kiernan Avenue that will be functionally operational and safe for the traveling public.

STAFFING IMPACT:

There is no staffing impact associated with this item.

CONTACT PERSON:

Matt Machado, Public Works Director - Telephone: (209) 525-4130
Chris Brady, Construction Manager - Telephone: (209) 525-4157

**COUNTY OF STANISLAUS
AGREEMENT**

THIS AGREEMENT, by and between O. C. JONES & SONS, INC., whose place of business is located at 1520 Fourth Street, Berkeley, California (“Contractor”), and the COUNTY OF STANISLAUS (“County”), acting under and by virtue of the authority vested in the County by the laws of the State of California.

WHEREAS, County, by its Resolution No. 2012-585 adopted on the 4th day of December, 2012 awarded to Contractor the following Contract:

**SR 99/ SR 219 (Kiernan Avenue) Interchange Project
Contract No. 9207**

NOW, THEREFORE, in consideration of the mutual covenants hereinafter set forth, Contractor and County agree as follows:

Article 1. Work

- 1.1 Contractor shall complete all Work specified in the Contract Documents, in accordance with the Specifications, Drawings, and all other terms and conditions of the Contract Documents.

Article 2. Architect/Engineer and Project Manager

- 2.1 Rajappan & Meyer Consulting Engineers designed the Project and furnished the Plans and Specifications. Rajappan & Meyer shall have the rights assigned to Architect/Engineer in the Contract Documents.
- 2.2 County has designated the Public Works Construction Manager as its Project Manager to act as County’s Representative in all matters relating to the Contract Documents.

Article 3. Contract Time and Liquidated Damages

- 3.1 Contractor shall commence Work on the date established in the Notice to Proceed. County reserves the right to modify or alter the Commencement Date of the Work.
- 3.2 Contractor shall achieve Final Completion of the entire Work and be ready for Final Payment in accordance with Contract Closeout Seven Hundred and Twenty (720) Working Days from the date when the Contract Time commences to run as provided in the Agreement.
- 3.3 Liquidated Damages shall comply with SC-08 of the Special Conditions and 8-1.10 of the Standard Specifications.

- 3.4 Liquidated damages shall apply cumulatively and except as provided below, shall be presumed to be the damages suffered by County resulting from delay in completion of the Work.
- 3.5 Liquidated damages for delay shall only cover administrative, overhead, interest on bonds, and general loss of public use damages suffered by County as a result of delay. Liquidated damages shall not cover the cost of completion of the Work, damages resulting from Defective Work, lost revenues or costs of substitute facilities, or damages suffered by others who then seek to recover their damages from County (for example, delay claims of other contractors, subcontractors, tenants, or other third-parties), and defense costs thereof.

Article 4. Contract Sum

- 4.1 County shall pay Contractor the Contract Sum for completion of Work in accordance with Contract Documents as set forth in Contractor's Bid.

Article 5. Contractor's Representations

In order to induce County to enter into this Agreement, Contractor makes the following representations and warranties:

- 5.1 Contractor has visited the Site and has examined thoroughly and understood the nature and extent of the Contract Documents, Work, Site, locality, actual conditions, as-built conditions, and all local conditions, and federal, state and local laws and regulations that in any manner may affect cost, progress, performance or furnishing of Work or which relate to any aspect of the means, methods, techniques, sequences or procedures of construction to be employed by Contractor and safety precautions and programs incident thereto.
- 5.2 Contractor has examined thoroughly and understood all reports of exploration and tests of subsurface conditions, as-built drawings, drawings, products specifications or reports, available for Bidding purposes, of physical conditions, including Underground Facilities, which have been made available for Bidders or which may appear in the Drawings. Contractor accepts the determination set forth in these Documents of the limited extent of the information contained in such materials upon which Contractor may be entitled to rely. Contractor agrees that except for the information so identified, Contractor does not and shall not rely on any other information contained in such reports and drawings.
- 5.3 Contractor has conducted or obtained and has understood all such examinations, investigations, explorations, tests, reports and studies (in addition to or to supplement those referred to in Section 5.2 of this Document that pertain to the subsurface conditions, as-built conditions, Underground Facilities and all other physical conditions at or contiguous to the Site or otherwise that may affect the cost, progress, performance or furnishing of Work, as Contractor considers necessary for the performance or furnishing of Work at the Contract Sum, within the Contract Time and in accordance with the other terms and conditions of the Contract Documents, including specifically the provisions of the Special Conditions; and no additional examinations, investigations, explorations, tests, reports,

studies or similar information or data are or will be required by Contractor for such purposes.

- 5.4 Contractor has correlated its knowledge and the results of all such observations, examinations, investigations, explorations, tests, reports and studies with the terms and conditions of the Contract Documents.

Article 6. Contract Documents

- 6.1 Contract Documents consist of the following documents, including all changes, Addenda, and Modifications thereto:

Notice of Award
Agreement
Notice to Proceed
Construction Performance Bond
Construction Labor and Material Payment Bond
Special Conditions
Addenda
Special Provisions
Drawings
Encroachment Permit [if applicable]

- 6.2 There are no Contract Documents other than those listed in this Document, Article 6.

Article 7. Indemnity

- 7.1 County and each of its officers, employees, consultants and agents including, but not limited to the Board, Architect/Engineer and each County Representative, shall not be liable or accountable in any manner for loss or damage that may happen to any part of the Work; loss or damage to materials or other things used or employed in performing the Work; injury, sickness, disease, or death of any person; or damage to property resulting from any cause whatsoever except their sole negligence, willful misconduct or active negligence, attributable to performance or character of the Work, and Contractor releases all of the foregoing persons and entities from any and all such claims.
- 7.2 To the furthest extent permitted by law (including without limitation California Civil Code Section 2782), Contractor shall assume defense of, and indemnify and hold harmless, County and each of its officers, employees, consultants and agents, including but not limited to the Board, Architect/Engineer and each County representative, from claims, suits, actions, losses and liability of every kind, nature and description, including but not limited to claims and fines of regulatory agencies and attorney's fees and consultant's fees, directly or indirectly arising out of, connected with or resulting from performance of the Work, failure to perform the Work, or condition of the Work which is caused in whole or part by any act or omission of Contractor, Subcontractors, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, regardless

of whether it is caused in part by the negligence of County or by any person or entity required to be indemnified hereunder.

- 7.3 With respect to third-party claims against Contractor, Contractor waives any and all rights to any type of express or implied indemnity against County and each of its officers, employees, consultants and agents including, but not limited to County, the Board, Architect/Engineer and each County representative.
- 7.4 Approval or purchase of any insurance contracts or policies shall in no way relieve from liability nor limit the liability of Contractor, its Subcontractors of any tier, or the officers or agents of any of them.
- 7.5 To the furthest extent permitted by law (including, without limitation, Civil Code Section 2782), the indemnities, releases of liability and limitations of liability, claims procedures, and limitations of remedy expressed throughout the Contract Documents shall apply even in the event of breach of contract, negligence (active or passive), fault or strict liability of the party(is) indemnified, released, or limited in liability, and shall survive the termination, rescission, breach, abandonment, or completion of the Work or the terms of the Contract Documents. If Contractor fails to perform any of these defense or indemnity obligations, County may in its discretion back charge Contractor for County's costs and damages resulting therefrom and withhold such sums from progress payments or other contract moneys which may become due.
- 7.6 The indemnities in the Contract Documents shall not apply to any indemnified party to the extent of its sole negligence or willful misconduct; nor shall they apply to County or other indemnified party to the extent of its active negligence.

Article 8. Miscellaneous

- 8.1 Terms and abbreviations used in this Agreement are defined in Special Conditions, Section 1: DEFINITIONS AND TERMS and will have the meaning indicated therein.
- 8.2 It is understood and agreed that in no instance are the persons signing this Agreement for or on behalf of County or acting as an employee, agent, or representative of County, liable on this Agreement or any of the Contract Documents, or upon any warranty of authority, or otherwise, and it is further understood and agreed that liability of the County is limited and confined to such liability as authorized or imposed by the Contract Documents or applicable law.
- 8.3 Contractor shall not assign any portion of the Contract Documents, and may subcontract portions of the Contract Documents only in compliance with the Subcontractor Listing Law, California Public Contract Code §4100 *et seq.*
- 8.4 The Contract Sum includes all allowances (if any).

- 8.5 In entering into a public works contract or a subcontract to supply goods, services or materials pursuant to a public works contract, Contractor or Subcontractor offers and agrees to assign to the awarding body all rights, title and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. §15) or under the Cartwright Act (Chapter 2 (commencing with §16700) of Part 2 of Division 7 of the Business and Professions Code), arising from purchases of goods, services or materials pursuant to the public works contract or the subcontract. This assignment shall be made and become effective at the time County tenders final payment to Contractor, without further acknowledgment by the parties.
- 8.6 Copies of the general prevailing rates of per diem wages for each craft, classification, or type of worker needed to execute the Contract, as determined by Director of the State of California Department of Industrial Relations, are deemed included in the Contract Documents and on file at County's Office, and shall be made available to any interested party on request. Pursuant to California Labor Code §1861, Contractor represents that it is aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that Code, and Contractor shall comply with such provisions before commencing the performance of the Work of the Contract Documents.
- 8.7 Should any part, term or provision of this Agreement or any of the Contract Documents, or any document required herein or therein to be executed or delivered, be declared invalid, void or unenforceable, all remaining parts, terms and provisions shall remain in full force and effect and shall in no way be invalidated, impaired or affected thereby. If the provisions of any law causing such invalidity, illegality or unenforceability may be waived, they are hereby waived to the end that this Agreement and the Contract Documents may be deemed valid and binding agreements, enforceable in accordance with their terms to the greatest extent permitted by applicable law. In the event any provision not otherwise included in the Contract Documents is required to be included by any applicable law, that provision is deemed included herein by this reference (or, if such provision is required to be included in any particular portion of the Contract Documents, that provision is deemed included in that portion).
- 8.8 This Agreement and the Contract Documents shall be deemed to have been entered into in the County of Stanislaus, State of California, and governed in all respects by California law (excluding choice of law rules). The exclusive venue for all disputes or litigation hereunder shall be in Stanislaus County Superior Court. Contractor accepts the Claims Procedure in Special Conditions, Article SC-16, WORK DISPUTES, as a claims procedure by agreement under the California Government Code, Title 1, Division 3.6, Part 3, Chapter 5.
- 8-9 Notices: Any notices, documents, correspondence or other communications concerning this Agreement or the work hereunder may be provided by personal delivery, facsimile or mail and shall be addressed as set forth below. Such communication shall be deemed served or delivered: a) at the time of delivery if such communication is sent by personal

delivery; b) at the time of transmission if such communication is sent by facsimile; and c) 48 hours after deposit in the U.S. Mail as reflected by the official U.S. postmark if such communication is sent through regular United States mail.

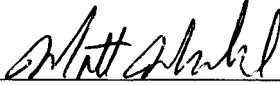
If to County: Chris Brady, Construction Manager, Stanislaus County Public Works, 1716 Morgan Road, Modesto, CA 95358

If to Contractor: Greg Souder, Secretary, O. C. Jones & Sons, Inc., 1520 Fourth Street, Berkeley, California 94710

IN WITNESS WHEREOF the parties have executed this Agreement in quadruplicate the day and year first above written.

COUNTY OF STANISLAUS

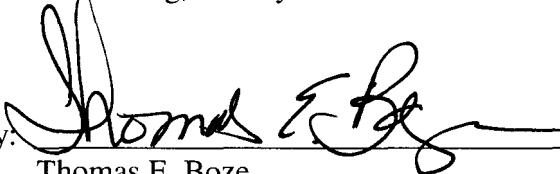
O. C. JONES & SONS, INC.

By: 
Matt Machado, Director
Public Works Department

By: 
Greg Souder
Secretary of Corporation

APPROVED AS TO FORM:
John P. Doering, County Counsel

By: _____

By: 
Thomas E. Boze
Deputy County Counsel

END OF AGREEMENT

CONTRACTOR'S BID SHEET

SR 99/219 (Kiernan Avenue) Interchange

Sheet 1 of 12

Item No.	Item	Estimated Quantity	Unit of Measure	Unit Price (In Figures)	Item Total (In Figures)
1	PROGRESS SCHEDULE (CRITICAL PATH METHOD)	LUMP SUM	LS	4,000-	4,000-
2	TEMPORARY FENCE	2,490	LF	11-	27,390-
3	TEMPORARY FENCE (TYPE ESA)	1,160	LF	4-	4,640-
4	18" TEMPORARY CULVERT	240	LF	100-	24,000-
5	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LUMP SUM	LS	3,000-	3,000-
6	TEMPORARY EROSION CONTROL BLANKET	8,080	SQYD	2.25	18,180-
7	TEMPORARY FIBER ROLL	19,800	LF	3-	59,400-
8	TEMPORARY SILT FENCE	19,200	LF	2.30	44,160-
9	TEMPORARY CONSTRUCTION ENTRANCE	2	EA	3,500-	7,000-
10	MOVE-IN/MOVE-OUT (TEMPORARY EROSION CONTROL)	12	EA	1,000-	12,000-
11	TEMPORARY DRAINAGE INLET PROTECTION	120	EA	270-	32,400-
12	TEMPORARY HYDRAULIC MULCH (BONDED FIBER MATRIX)	41,400	SQYD	0.60	24,840-
13	STREET SWEEPING	LUMP SUM	LS	60,000-	60,000-
14	TEMPORARY CONCRETE WASHOUT (PORTABLE)	LUMP SUM	LS	25,000-	25,000-
15	RAIN EVENT ACTION PLAN	96	EA	200-	19,200-
16	STORM WATER ANNUAL REPORT	4	EA	1,500-	6,000-
17	STORM WATER SAMPLING AND ANALYSIS DAY	26	EA	250-	6,500-
18	TIME-RELATED OVERHEAD (WDAY)	720	WDAY	2,300-	1,656,000-
19	CONSTRUCTION AREA SIGNS	LUMP SUM	LS	20,000-	20,000-
20	TRAFFIC CONTROL SYSTEM	LUMP SUM	LS	200,000-	200,000-
21	CHANNELIZER (SURFACE MOUNTED)	870	EA	25-	21,750-

CONTRACTOR'S BID SHEET

SR 99/219 (Kiernan Avenue) Interchange

Sheet 2 of 12

Item No.	Item	Estimated Quantity	Unit of Measure	Unit Price (In Figures)	Item Total (In Figures)
22	PORTABLE CHANGEABLE MESSAGE SIGN	LUMP SUM	LS	15,000-	15,000-
23	TEMPORARY RAILING (TYPE K)	21,600	LF	10-	216,000-
24	TEMPORARY CRASH CUSHION MODULE (TYPE ARRAY)	260	EA	150-	39,000-
25	TEMPORARY CRASH CUSHION MODULE ABSORB 350 (TYPE TL2)	7	EA	3,000-	21,000-
26	TEMPORARY TRAFFIC SCREEN	20,400	LF	2.80	57,120-
27	JOB SITE MANAGEMENT	LUMP SUM	LS	150,000-	150,000-
28	REMOVE YELLOW PAINTED TRAFFIC STRIPE (HAZARDOUS WASTE)	42,300	LF	0.30	12,690-
29	REMOVE YELLOW THERMOPLASTIC TRAFFIC STRIPE (HAZARDOUS WASTE)	7,850	LF	0.30	2,355-
30	REMOVE YELLOW THERMOPLASTIC PAVEMENT MARKING (HAZARDOUS WASTE)	110	SQFT	5-	550-
31	ABANDON CULVERT	770	LF	20-	15,400-
32	DESTROY WELL	1	EA	15,000-	15,000-
33	REMOVE FENCE	1,180	LF	4-	4,720-
34	REMOVE PEDESTRIAN BARRICADE	3	EA	800-	2,400-
35	REMOVE SINGLE THRIE BEAM BARRIER	1,370	LF	8-	10,960-
36	REMOVE FLARED END SECTION	7	EA	450-	3,150-
37	REMOVE PAINTED TRAFFIC STRIPE	107,000	LF	0.20	21,400-
38	REMOVE PAINTED PAVEMENT MARKING	12,900	SQFT	2.40	30,960-
39	REMOVE THERMOPLASTIC TRAFFIC STRIPE	22,600	LF	0.20	4,520-
40	REMOVE THERMOPLASTIC PAVEMENT MARKING	6,120	SQFT	2.40	14,688-
41	REMOVE PAVEMENT MARKER	3,350	EA	1-	3,350-

CONTRACTOR'S BID SHEET

SR 99/219 (Kiernan Avenue) Interchange

Sheet 3 of 12

Item No.	Item	Estimated Quantity	Unit of Measure	Unit Price (In Figures)	Item Total (In Figures)
42	REMOVE ROADSIDE SIGN	73	EA	180-	13,140-
43	REMOVE ROADSIDE SIGN (SSBM)	2	EA	100-	200-
44	REMOVE HMA DIKE	1,270	LF	3-	3,810-
45	REMOVE CULVERT	2,360	LF	34-	80,240-
46	REMOVE INLET	27	EA	700-	18,900-
47	REMOVE MANHOLE	5	EA	1,200-	6,000-
48	SALVAGE METAL BRIDGE RAILING	480	LF	10-	4,800-
49	RECONSTRUCT CHAIN LINK FENCE (TYPE CL-6)	1,900	LF	10-	19,000-
50	ADJUST MANHOLE TO GRADE	7	EA	750-	5,250-
51	MODIFY INLET	5	EA	2,200-	11,000-
52	COLD PLANE ASPHALT CONCRETE PAVEMENT (0.15' Maximum)	1,290	SQYD	11-	14,190-
53	REMOVE CONCRETE	810	CY	85-	68,850-
54	REMOVE EXISTING PUMPING PLANT (PORTION)	LUMP SUM	LS	65,000-	65,000-
55	REMOVE SOUND WALL	260	LF	28-	7,280-
56	BRIDGE REMOVAL	LUMP SUM	LS	300,000-	300,000-
57	CLEARING AND GRUBBING	LUMP SUM	LS	75,000-	75,000-
58	ROADWAY EXCAVATION	40,800	CY	10-	408,000-
59	ROADWAY EXCAVATION (TYPE Z-2) (ADL)	1,010	CY	188-	189,880-
60	LEAD COMPLIANCE PLAN	LUMP SUM	LS	4,000-	4,000-
61	DUST CONTROL PLAN	LUMP SUM	LS	1,800-	1,800-

CONTRACTOR'S BID SHEET

SR 99/219 (Kiernan Avenue) Interchange

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Item No.	Item	Estimated Quantity	Unit of Measure	Unit Price (In Figures)	Item Total (In Figures)
62	SHOULDER BACKING	85	TON	75-	6,375-
63	STRUCTURE EXCAVATION (BRIDGE) (F)	1,319	CY	75-	98,925-
64	ELECTRIC SERVICE EXTENSION	LUMP SUM	LS	10,000-	10,000-
65	STRUCTURE EXCAVATION (PUMPING PLANT) (F)	4,124	CY	120-	494,880-
66	STRUCTURE BACKFILL (PUMPING PLANT) (F)	1,775	CY	150-	266,250-
67	STRUCTURE EXCAVATION (RETAINING WALL) (F)	5,795	CY	14-	81,130-
68	STRUCTURE BACKFILL (BRIDGE) (F)	1,036	CY	80-	82,880-
69	STRUCTURE BACKFILL (RETAINING WALL) (F)	4,169	CY	37-	154,253-
70	SAND BACKFILL	130	CY	120-	15,600-
71	PRUNE EXISTING PLANTS	LUMP SUM	LS	10,000-	10,000-
72	IMPORTED TOPSOIL	26	CY	25-	650-
73	PREPARE HOLES	44	EA	35-	1,540-
74	CULTIVATE - GROUND COVER	32,800	SQYD	0.40	13,120-
75	WEED GERMINATION	32,800	SQYD	0.20	6,560-
76	SOIL AMENDMENT (40 TREES)	26	CY	60-	1,560-
77	FERTILIZER (TABLET)	40	EA	2-	80-
78	ORGANIC FERTILIZER - GROUND COVER	32,800	SQYD	0.35	11,480-
79	FIBER ROLLS	3,300	LF	3-	9,900-
80	PLANT (GROUP H) (UNROOTED CUTTING)	158,000	EA	0.70	110,600-
81	PLANT (GROUP U) (NO. 15)	40	EA	100-	4,000-

CONTRACTOR'S BID SHEET

SR 99/219 (Kiernan Avenue) Interchange

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Item No.	Item	Estimated Quantity	Unit of Measure	Unit Price (In Figures)	Item Total (In Figures)
82	MAINTAIN EXISTING PLANTED AREAS	LUMP SUM	LS	20,000-	20,000-
83	PLANT ESTABLISHMENT WORK	LUMP SUM	LS	50,000-	50,000-
84	CONTROL & NEUTRAL CONDUCTORS (ARMOR-CLAD)	LUMP SUM	LS	40,000-	40,000-
85	1" ELECTRIC REMOTE CONTROL VALVE	8	EA	200-	1,600-
86	1 1/2" ELECTRIC REMOTE CONTROL VALVE	78	EA	400-	31,200-
87	2" ELECTRIC REMOTE CONTROL VALVE	18	EA	280-	5,040-
88	3" ELECTRIC REMOTE CONTROL VALVE	1	EA	2,000-	2,000-
89	3" FLOW SENSOR ELECTRIC TRANSMITTER	1	EA	1,000-	1,000-
90	IRRIGATION CONTROLLER (WALL MOUNT) 48 STATION	1	EA	14,000-	14,000-
91	IRRIGATION CONTROLLER (WALL MOUNT) 32 STATION	1	EA	14,000-	14,000-
92	IRRIGATION CONTROLLER (WALL MOUNT) 40 STATION	1	EA	14,000-	14,000-
93	LOCAL RADIO HUB	1	EA	7,500-	7,500-
94	3/4" PLASTIC PIPE (PR 200) (SUPPLY LINE)	5,110	LF	0.40	2,044-
95	1" PLASTIC PIPE (PR 200) (SUPPLY LINE)	7,700	LF	0.50	3,850-
96	1 1/4" PLASTIC PIPE (PR 200) (SUPPLY LINE)	10,500	LF	0.60	6,300-
97	1 1/2" PLASTIC PIPE (PR 200) (SUPPLY LINE)	7,060	LF	0.80	5,648-
98	2" PLASTIC PIPE (PR 200) (SUPPLY LINE)	8,710	LF	1-	8,710-
99	2 1/2" PLASTIC PIPE (PR 200) (SUPPLY LINE)	1,320	LF	1.25	1,650-
100	4" PLASTIC PIPE (PR 200) (SUPPLY LINE)(MAIN R/T)	8,440	LF	10-	84,400-
101	4" PLASTIC PIPE (PR 315) (SUPPLY LINE)	530	LF	11-	5,830-

CONTRACTOR'S BID SHEET

SR 99/219 (Kiernan Avenue) Interchange

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Item No.	Item	Estimated Quantity	Unit of Measure	Unit Price (In Figures)	Item Total (In Figures)
102	6" PLASTIC PIPE (PR 315) (SUPPLY LINE)	230	LF	15 -	3,450 -
103	6" PLASTIC PIPE (PR 200) (SUPPLY LINE)(MAIN R/T)	410	LF	15 -	6,150 -
104	IRRIGATION CONTROLLER ENCLOSURE CABINET	4	EA	3,000 -	12,000 -
105	3" WATER METER	1	EA	30,000 -	30,000 -
106	BACKFLOW PREVENTER ASSEMBLY ENCLOSURE	1	EA	5,000 -	5,000 -
107	3" BACKFLOW PREVENTER ASSEMBLY	1	EA	5,000 -	5,000 -
108	SPRINKLER (TYPE A-5) GEAR DRIVEN	660	EA	64 -	42,240 -
109	SPRINKLER (TYPE A-6) GEAR DRIVEN	290	EA	84 -	24,360 -
110	SPRINKLER (TYPE C-2) BUBBLER	45	EA	5 -	225 -
111	4" GATE VALVE	10	EA	600 -	6,000 -
112	6" GATE VALVE	4	EA	800 -	3,200 -
113	2" WYE STRAINER	28	EA	260 -	7,280 -
114	3" PRESSURE REGULATING VALVE	1	EA	500 -	500 -
115	2" BALL VALVE	28	EA	225 -	6,300 -
116	4" DIA (CHARTER COMMUNICATION) CONDUIT (BRIDGE)	310	LF	50 -	15,500 -
117	12" CORRUGATED HIGH DENSITY POLYETHYLENE PIPE CONDUIT (F)	700	LF	55 -	38,500 -
118	BOOSTER PUMP SYSTEM	1	EA	40,000 -	40,000 -
119	HYDROSEED	66,100	SQFT	0.13	8,593 -
120	COMPOST	22,500	SQFT	0.50	11,250 -
121	CLASS 2 AGGREGATE BASE	18,500	CY	32 -	592,000 -

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Item No.	Item	Estimated Quantity	Unit of Measure	Unit Price (In Figures)	Item Total (In Figures)
122	HOT MIX ASPHALT (TYPE A)	24,200	TON	85-	2,057,000-
123	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	4,000	TON	112-	448,000-
124	SHOULDER RUMBLE STRIP (HMA, GROUND-IN INDENTATIONS)	19	STA	175-	3,325-
125	DATA CORE	LUMP SUM	LS	5,000-	5,000-
126	PLACE HOT MIX ASPHALT DIKE (TYPE A)	1,670	LF	2-	3,340-
127	PLACE HOT MIX ASPHALT DIKE (TYPE C)	190	LF	2-	380-
128	PLACE HOT MIX ASPHALT DIKE (TYPE E)	3,840	LF	2-	7,680-
129	PLACE HOT MIX ASPHALT DIKE (TYPE F)	75	LF	2-	150-
130	24" CAST-IN-DRILLED-HOLE CONCRETE PILING	4,510	LF	150-	676,500-
131	30" CAST-IN-DRILLED-HOLE CONCRETE PILING	4,060	LF	180-	730,800-
132	16" CAST-IN-DRILLED-HOLE CONCRETE PILING (SOUND WALL)	860	LF	70-	60,200-
133	STRUCTURAL CONCRETE, BRIDGE FOOTING (F)	596	CY	350-	208,600-
134	STRUCTURAL CONCRETE, BRIDGE (F)	1,652	CY	560-	925,120-
135	STRUCTURAL CONCRETE (RETAINING WALL) (F)	1,360	CY	340-	462,400-
136	STRUCTURAL CONCRETE (PUMPING PLANT) (F)	854	CY	850-	725,900-
137	STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N) (F)	307	CY	625-	191,875-
138	MINOR CONCRETE (MINOR STRUCTURE) (F)	180	CY	1,400-	252,000-
139	ARCHITECTURAL TREATMENT (RETAINING WALL) (F)	4,620	SQFT	15-	69,300-
140	ARCHITECTURAL TEXTURE (BENT CAP AND COLUMN)	950	SQFT	50-	47,500-
141	FRACTURED RIB TEXTURE (F)	1,104	SQFT	20-	22,080-

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Item No.	Item	Estimated Quantity	Unit of Measure	Unit Price (In Figures)	Item Total (In Figures)
142	DRILL AND BOND DOWEL	1,150	LF	30 -	34,500 -
143	FURNISH PRECAST PRESTRESSED CONCRETE WIDE FLANGE GIRDER (100' - 110')	32	EA	20,000 -	640,000 -
144	ERECT PRECAST PRESTRESSED CONCRETE GIRDER (F)	32	EA	8,000 -	256,000 -
145	SOUNDWALL (MASONRY BLOCK) (F)	2,030	SQFT	15 -	30,450 -
146	JOINT SEAL (MR 1")	280	LF	100 -	28,000 -
147	BAR REINFORCING STEEL (BRIDGE) (F)	849,258	LB	1 -	849,258 -
148	BAR REINFORCING STEEL (RETAINING WALL) (F)	131,195	LB	1 -	131,195 -
149	BAR REINFORCING STEEL (PUMPING PLANT) (F)	226,099	LB	1 -	226,099 -
150	STRUCTURAL STEEL (PUMPING PLANT) (F)	8,479	LB	5 -	42,395 -
151	FURNISH SIGN STRUCTURE (BRIDGE MOUNTED WITH WALKWAY) (F)	3,681	LB	8 -	29,448 -
152	INSTALL SIGN STRUCTURE (BRIDGE MOUNTED WITH WALKWAY) (F)	3,681	LB	1 -	3,681 -
153	FURNISH SIGN STRUCTURE (TRUSS) (F)	91,318	LB	5 -	456,590 -
154	INSTALL SIGN STRUCTURE (TRUSS) (F)	91,318	LB	0.25	22,829.50
155	FURNISH LAMINATED PANEL SIGN (TYPE A) (OVERHEAD)	820	SQFT	23 -	18,860 -
156	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-UNFRAMED)	460	SQFT	10 -	4,600 -
157	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-UNFRAMED)	300	SQFT	12 -	3,600 -
158	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-FRAMED)	310	SQFT	14 -	4,340 -
159	60" CAST-IN-DRILLED-HOLE CONCRETE PILE (SIGN FOUNDATION)	190	LF	900 -	171,000 -
160	ROADSIDE SIGN - ONE POST	84	EA	175 -	14,700 -
161	ROADSIDE SIGN - TWO POST	6	EA	250 -	1,500 -

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Item No.	Item	Estimated Quantity	Unit of Measure	Unit Price (In Figures)	Item Total (In Figures)
162	INSTALL SIGN (STRAP AND SADDLE BRACKET METHOD)	19	EA	125-	2,375-
163	16" WATER LINE	590	LF	250-	147,500-
164	18" REINFORCED CONCRETE PIPE	1,280	LF	83-	106,240-
165	24" REINFORCED CONCRETE PIPE	8,420	LF	85-	715,700-
166	36" REINFORCED CONCRETE PIPE	140	LF	160-	22,400-
167	96" REINFORCED CONCRETE PIPE	180	LF	1,400-	252,000-
168	JACKED 24" REINFORCED CONCRETE PIPE (CLASS IV)	430	LF	675-	290,250-
169	8" PERFORATED PLASTIC PIPE UNDERDRAIN	990	LF	40-	39,600-
170	24" CONCRETE FLARED END SECTION	4	EA	1,300-	5,200-
171	36" GCP INLET	71	LF	425-	30,175-
172	ROCK SLOPE PROTECTION (No. 2, METHOD B) (F)	24	CY	250-	6,000-
173	SLOPE PAVING (PATTERNED CONCRETE)	130	CY	800-	104,000-
174	MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION)	850	CY	400-	340,000-
175	MINOR CONCRETE (TEXTURED PAVING) CONTRASTED GORE	9,000	SQFT	9-	81,000-
176	PUMPING PLANT EQUIPMENT	LUMP SUM	LS	350,000	350,000-
177	PUMPING PLANT ELECTRICAL EQUIPMENT	LUMP SUM	LS	200,000-	200,000-
178	MISCELLANEOUS IRON AND STEEL (F)	29,414	LB	1.50	44,121-
179	MISCELLANEOUS METAL (BRIDGE) (F)	72,000	LB	2-	144,000-
180	FENCE (TYPE BW, 5 STRAND, METAL POST)	360	LF	9-	3,240-
181	CHAIN LINK FENCE (TYPE CL-4, BLACK VINYL-CLAD)	1,430	LF	.20-	28,600-

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Item No.	Item	Estimated Quantity	Unit of Measure	Unit Price (In Figures)	Item Total (In Figures)
182	CHAIN LINK FENCE (TYPE CL-6, SLATTED)	300	LF	25-	7,500-
183	6' CHAIN LINK GATE (TYPE CL-6)	3	EA	1,000-	3,000-
184	DELINEATOR (CLASS 1)	58	EA	40-	2,320-
185	GUARD RAILING DELINEATOR (TYPE F)	11	EA	40-	440-
186	OBJECT MARKER (TYPE L)	7	EA	40-	280-
187	METAL BEAM GUARD RAILING	430	LF	28-	12,040-
188	BOLLARD	13	EA	600-	7,800-
189	CHAIN LINK RAILING (TYPE 7 MODIFIED)	490	LF	70-	34,300-
190	CONCRETE BARRIER (TYPE 26 MODIFIED) (F)	528	LF	175-	92,400-
191	SINGLE THRIE BEAM BARRIER	1,370	LF	24-	32,880-
192	HANDRAILING	50	LF	190-	9,500-
193	TRANSITION RAILING (TYPE WB)	2	EA	3,000-	6,000-
194	END ANCHOR ASSEMBLY (TYPE SFT)	6	EA	600-	3,600-
195	END ANCHOR ASSEMBLY (TYPE CA)	10	EA	1,400-	14,000-
196	ALTERNATIVE FLARED TERMINAL SYSTEM	6	EA	2,000-	12,000-
197	CONCRETE BARRIER (TYPE 60D)	1,050	LF	42-	44,100-
198	CONCRETE BARRIER (TYPE 736S) (F)	191	LF	180-	34,380-
199	CONCRETE BARRIER (TYPE 736SV) (F)	277	LF	160-	44,320-
200	4" THERMOPLASTIC TRAFFIC STRIPE	37,400	LF	0.40	14,960-
201	8" THERMOPLASTIC TRAFFIC STRIPE	8,010	LF	1-	8,010-

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Item No.	Item	Estimated Quantity	Unit of Measure	Unit Price (In Figures)	Item Total (In Figures)
202	THERMOPLASTIC PAVEMENT MARKING	9,160	SQFT	4-	36,640-
203	THERMOPLASTIC TRAFFIC STRIPE (SPRAYABLE)	43,300	LF	0.35	15,155-
204	PAINT TRAFFIC STRIPE (2-COAT)	112,000	LF	0.25	28,000-
205	PAINT PAVEMENT MARKING (2-COAT)	7,210	SQFT	2.40	17,304-
206	PAVEMENT MARKER (NON-REFLECTIVE)	330	EA	3-	990-
207	PAVEMENT MARKER (RETROREFLECTIVE)	4,950	EA	3.50	17,325-
208	MAINTAINING EXISTING TRAFFIC MANAGEMENT SYSTEM ELEMENTS DURING CONSTRUCTION	LUMP SUM	LS	5,000-	5,000-
209	SIGNAL AND LIGHTING (STAGE CONSTRUCTION)	LUMP SUM	LS	300,000-	300,000-
210	SIGNAL AND LIGHTING (LOCATION 1)	LUMP SUM	LS	250,000-	250,000-
211	SIGNAL AND LIGHTING (LOCATION 2)	LUMP SUM	LS	225,000-	225,000-
212	SIGNAL AND LIGHTING (LOCATION 3)	LUMP SUM	LS	325,000-	325,000-
213	SIGNAL AND LIGHTING (COUNTY)	LUMP SUM	LS	270,000-	270,000-
214	LIGHTING (COUNTY)	LUMP SUM	LS	75,000-	75,000-
215	LIGHTING AND SIGN ILLUMINATION (STAGE CONSTRUCTION)	LUMP SUM	LS	150,000-	150,000-
216	LIGHTING AND SIGN ILLUMINATION	LUMP SUM	LS	200,000-	200,000-
217	HIGHWAY ADVISORY RADIO SYSTEM	LUMP SUM	LS	75,000-	75,000-
218	CHANGEABLE MESSAGE SIGN SYSTEM	LUMP SUM	LS	15,000-	15,000-
219	INTERCONNECT SYSTEM	LUMP SUM	LS	50,000-	50,000-
220	ELECTRIC SERVICE (IRRIGATION)	LUMP SUM	LS	5,000-	5,000-
221	VEHICLE CLASSIFICATION STATION	LUMP SUM	LS	75,000-	75,000-


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Item No.	Item	Estimated Quantity	Unit of Measure	Unit Price (In Figures)	Item Total (In Figures)
222	CLOSED CIRCUIT TELEVISION SYSTEM	LUMP SUM	LS	2,500-	2,500-
223	HIGH SPEED WIRELESS MODEM	1	EA	3,000-	3,000-
224	RAMP METERING SYSTEM (LOCATION 1)	LUMP SUM	LS	75,000-	75,000-
225	RAMP METERING SYSTEM (LOCATION 2)	LUMP SUM	LS	100,000-	100,000-
226	ELECTRICAL SYSTEMS EQUIPMENT (CONTRACTOR FURNISHED - PURCHASED FROM DEPARTMENT)	LUMP SUM	LS	50,000-	50,000-
227	BUILDING MISCELLANEOUS METAL (F)	13,800	LB	8-	110,400-
228	RESIDENT ENGINEER'S OFFICE	LUMP SUM	LS	60,000-	60,000-
229	TELEPHONE CONNECTIONS	LUMP SUM	LS	5,000-	5,000-
230	PULVERIZE PAVEMENT	11,300	SQYD	5.20	58,760-
231	BUILDING DEMOLITION	LUMP SUM	LS	8,000-	8,000-
232	MINOR CONCRETE (TEXTURED PAVING) ISLAND PAVING	SQFT	5,790	8-	46,320-
233	MOBILIZATION (10.0%)	LUMP SUM	LS	2,350,000-	2,350,000-
				TOTAL BID	24,934,986.50

(SIGNED)



 Greg Souder, Secretary

Date: 10/31/12