

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

OFFICE ENGINEER

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*Serious Drought.
Help save water!*

August 3, 2016

04-Ala-205-0.0/1.0

04-Ala-580-0.0/8.0, 26.1/30.3

10-SJ-580-13.5/15.4

04-3G59U4

Project ID 0415000066

ACIM-000C(438)E

Addendum No. 1

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN ALAMEDA AND SAN JOAQUIN COUNTIES ON ROUTE 580 FROM PATTERSON PASS ROAD OVERCROSSING TO GREENVILLE OVERHEAD AND FROM EDEN CANYON ROAD UNDERCROSSING TO STROBRIDGE AVENUE UNDERCROSSING AND ON ROUTE 205 FROM SAN JOAQUIN COUNTY LINE TO MIDWAY ROAD UNDERCROSSING to revise the project plans, the *Notice to Bidders and Special Provisions*, the *Bid book*, *Information Handout* and the *Federal Minimum Wages with Modification Number 8* dated 07/29/2016.

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

Bids for this work will be opened on Wednesday, August 24, 2016.

Project plan sheets 1, 2, 3, 4, 5, 8, 9, 10, 11, 12, 13, 19, 20, 21, 24, 25, 29, 33, 37, 39, 40, 41, 45, 56, 59, 61, 62, 63, 74, 75, 132, 153, 154, 155, 156, 157, 158, 160, 289, 300, 301, 308, 309, 310, 327, 328, 329, 381, 386, 387, 392, 396, 404, 415, 418, 421, 422, 425, 426, 431, 432, 433, 437, 438, 462, 463, 464, 465, 467, 468, 469, 470, and 476 are replaced and attached for substitution for the like-numbered sheets.

Project plan sheets 558A and 572A are added and attached for addition to the project plans.

Project plan sheet 380 is deleted.

In the *Notice to Bidders and Special Provisions*, in the "SPECIAL NOTICES," the following Special Notice is added as follows:

- Material sources for imported borrow require an imported borrow plan and analytical test results for (1) noncommercial sources and (2) commercial sources outside of the State. The sources require sampling and analysis for pH, lead, and other constituents. See section 19-7 for the specifications."

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In the *Notice to Bidders and Special Provisions*, in the "STANDARD PLANS LIST," the following Standard Plans are added as follows:

"RSP A76C, RSP A77R1, A78J"

In the *Notice to Bidders*, the seventh paragraph is revised as follows:

"The Contractor must have either a Class A license or one of the following Class C licenses: C-12."

In the Special Provisions, Section 1-1.01, in the "Bid Items and Applicable Sections" table, the following items are added.

870200	LIGHTING SYSTEM	86
872130	MODIFYING EXISTING ELECTRICAL SYSTEM	86

In the Special Provisions, Section 2-1.06B, is replaced as attached.

In the Special Provisions, Section 5-1.20A, the table is replaced as follows:

Coincident or Adjacent Contracts			
Contract no.	County-Route-Post Mile	Location	Type of work
04-1SS034	ALA-580-R4.9/R5.6	WB 580, from 1.0 mile to 0.4 mile east of North Flynn Road Overcrossing	Widen roadway and construct retaining wall
04-2G8504	ALA-580-R4.0	EB 580, 2.0 mile east of North Flynn Rd, at Stone Cut Underpass	Construct retaining wall

In the Special Provisions, Section 6-2.04, is added as follows.

"Add between the 1st and 2nd sentences of the 2nd paragraph of section 6-2.04:

Submit your test results for imported borrow and obtain authorization under section 19-7 before you request tests for its physical quality characteristics."

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In the Special Provisions, Section 12-4.05B, Chart no. 4 is replaced as attached.

In the Special Provisions, Section 14-6.02C(5), the following paragraph is added after the first paragraph:

"Initial clearing and grubbing and initial soil disturbance work must not occur during or within 24 hours following a rain event exceeding 0.2-inch as measured by the NOAA National Weather Service for the Livermore, CA (KLVK) base station."

In the Special Provisions, Section 19-7 is added as attached.

The *Information Handout* is replaced as attached.

In the *Bid* book, in the "Bid Item List," Items 6, 26, 34, 40, 43, 46, 59, 63, 77, 81, 82, 83, 84, 85, 86, 87, 93, 94, 96, 121, 147, 148, 153, 154, 156, 158, 160, 165, 166, 167, 170, 172, 173, and 174 are replaced.

In the *Bid* book, in the "Bid Item List," Items 181, 182, 183, 184, and 185 are added.

In the *Bid* book, in the "Bid Item List," Items 175 and 180 are deleted.

To *Bid* book holders:

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

Submit the *Bid* book as described in the *Electronic Bidding Guide* at the Bidders' Exchange website.

http://www.dot.ca.gov/hq/esc/oe/electronic_bidding/electronic_bidding.html

Inform subcontractors and suppliers as necessary.

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This addendum, EBS addendum file, attachments and the modified wage rates are available for the Contractors' download on the Web site:

http://www.dot.ca.gov/hq/esc/oe/project_ads_addenda/04/04-3G59U4

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

Sincerely,



BIJAN SARTIPI
District Director

Attachments

Add between the 1st and 2nd paragraphs of section 2-1.06B:

The Department makes the following supplemental project information available:

Supplemental Project Information

Means	Description
Included in the <i>Information Handout</i>	California Dept. of Fish and Wildlife Service-Incidental Take Permit Feb. 10, 2016(#2081-2015-039-03) United States Fish and Wildlife Service-Biological Opinion August 7, 2014(#08ESMF00-2014-F-0311-1) United States Fish and Wildlife Service-Biological Opinion Amendment August 13, 2015(#08ESMF00-2014-F-0311-R001) Water Quality Information Handout Revised Final Geotechnical Design Report for ERS Dated August 21, 2015 Preliminary Site Investigation Report, I-580 TOS and MVP Installation Project, Alameda County, California, February 2016 Paleontological Mitigation Plan Revised Foundation Recommendation for Overhead Sign, January 11, 2016
Available as specified in the <i>Standard Specifications</i>	Bridge As-Built Drawings Cross Sections
Included with the project plans	Logs of test borings

**Chart no. 4
Freeway/Expressway Lane Requirements**

County: Alameda		Route/Direction: 580/EB										PM: 0.809/8.000													
Closure limits: From Greenville Rd OH to Midway Rd UC																									
Hour	24	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Mon-Thu	1	1	1	1	1	2	2	3	3	3	3												3	2	2
Fri	1	1	1	1	1	2	2	3	3														3	2	
Sat	2	1	1	1	1	1	2	3	3														3	3	2
Sun	2	1	1	1	1	1	2	2	2	3	3												3	2	2

Legend:

- 1 Provide at least 1 through freeway lane open in direction of travel
- 2 Provide at least 2 adjacent through freeway lanes open in direction of travel
- 3 Provide at least 3 adjacent through freeway lanes open in direction of travel
- Work allowed within the highway where shoulder or lane closure is not required

REMARKS:

Add to the end of section 19-7.01C:

For imported borrow from (1) a noncommercial source or (2) a commercial source located outside of the State, submit an imported borrow plan for each imported borrow site at least 60 days before placing the borrow. The imported borrow plan must include:

1. Certification signed by you and an engineer who is registered as a civil engineer in the State, a professional geologist licensed as a professional geologist by the State, or an engineering geologist who is certified as an engineering geologist in the State stating: [I am aware that noncommercial sources for imported borrow and commercial sources for imported borrow located outside of the State must be sampled and analyzed for pH and lead and might require sampling and analysis under section 19-7 for other constituents of concern based on the land use history. I am aware that imported borrow sources must not contain ADL at concentrations greater than 80 mg/kg total lead or 5 mg/L extractable lead as determined by the Waste Extraction Test (WET) Procedures, 22 CA Code of Regs § 66261.24(a)(2) App II. I am aware that a maximum quantity of material may be excavated at the site based on the minimum number of samples taken before excavating at the site under section 19-7.]
2. Land use history of the borrow location and surrounding property
3. Sampling protocol
4. Number of samples per volume of imported borrow
5. QA and QC requirements and procedures
6. Qualifications of sampling personnel
7. Name and address of the analytical laboratory that will perform the analyses
8. Analyses that will be performed for lead and pH
9. Other analyses that will be performed for possible hazardous constituents based on:
 - 9.1. Job site history
 - 9.2. Adjacent land use
 - 9.3. Constituents of concern in the ground water basin where the job site is located

The plan must be sealed and signed by an engineer who is registered as a civil engineer in the State, a professional geologist licensed as a professional geologist by the State, or an engineering geologist who is certified as an engineering geologist in the State.

If the plan requires revisions, the Engineer provides comments. Submit a revised plan within 7 days of receiving comments. Allow 7 days for the review.

At least 15 days before placing imported borrow, submit analytical test results for each noncommercial imported borrow source and each commercial imported borrow source located outside of the State. The analytical test results must include:

1. Certification signed by an engineer who is registered as a civil engineer in the State, a professional geologist licensed as a professional geologist by the State, or an engineering geologist who is certified as an engineering geologist in the State stating: [The analytical testing described in the imported borrow plan has been performed. I performed a statistical analysis of the test results using the US EPA's ProUCL software with the recommended 95 percent upper confidence limit. I certify that (1) the material from the imported borrow source is suitable for unrestricted use at the job site and (2) when the material is placed at the job site, it has a pH above 5.0, does not contain lead in concentrations considered to be hazardous waste, does not contain lead in concentrations above 80 mg/kg total lead, and is not contaminated with the other constituents of concern identified in the imported borrow plan in excess of these constituents' respective San Francisco Bay RWQCB commercial/industrial Environmental Screening Levels or recognized naturally occurring background concentrations in the job site area.]
2. Chain of custody of the samples
3. Analytical results no older than 1 year
4. Statistical analysis of the data using US EPA's ProUCL software with a 95 percent upper confidence limit

- Comparison of sample results and 95% upper confidence limits to hazardous waste concentration thresholds and the applicable San Francisco Bay RWQCB Environmental Screening Levels (ESLs) given in Direct Exposure Human Health Risk Levels (Table S-1), Commercial/Industrial: Shallow Soil Exposure, under ESL Summary Tables (Feb. 2016, Rev 3) found at:

http://www.waterboards.ca.gov/sanfranciscobay/water_issues/programs/esl.shtml

- Verification that the imported borrow has a pH above 5.0, has an estimated average total lead concentration (95% upper confidence limit) at or below 80 mg/kg, and is suitable for placement at the job site

Add to the end of section 19-7.01D:

Sample and analyze imported borrow from (1) noncommercial sources and (2) commercial sources located outside of the State:

- Before bringing the borrow to the job site
- As described in the imported borrow plan
- Under US EPA Test Methods for Evaluating Solid Waste, Physical/Chemical Methods (SW-846)

The sample collection must be designed to generate a data set representative of the entire volume of proposed imported borrow.

Before excavating at the (1) noncommercial source or (2) commercial source located outside the State; collect the minimum number of samples and perform the minimum number of analytical tests for the corresponding maximum volume of imported borrow as shown in the following table:

Minimum Number of Samples and Analytical Tests for Imported Borrow

Maximum volume of imported borrow (cu yd)	Minimum number of samples and analytical tests
< 1,000	4
1,000–5,000	4 for the first 1,000 cu yd plus 1 for each additional 500 cu yd or portion thereof
5,000–10,000	12 for the first 5,000 cu yd plus 1 for each additional 1,000 cu yd or portion thereof
10,000–20,000	17 for the first 10,000 cu yd plus 1 for each additional 2,500 cu yd or portion thereof
20,000–40,000	21 for the first 20,000 cu yd plus 1 for each additional 5,000 cu yd or portion thereof
40,000–80,000	25 for the first 40,000 cu yd plus 1 for each additional 10,000 cu yd or portion thereof
> 80,000	29 for the first 80,000 cu yd plus 1 for each additional 20,000 cu yd or portion thereof

Do not collect composite samples or mix individual samples to form a composite sample.

Analyze the samples using the US EPA's ProUCL software with a 95 percent upper confidence limit. The laboratory performing the chemical analyses must be certified by the SWRCB's Environmental Laboratory Accreditation Program (ELAP) for all analyses to be performed.

The analytical test results must demonstrate that the imported borrow:

- Is not a hazardous waste
- Has a pH above 5.0
- Has an average lead concentration, as estimated by the 95% upper confidence limit, at or below 80 mg/kg

4. Is not contaminated with imported borrow plan-identified constituents of concern at average concentrations (95% upper confidence limits) in excess of their respective commercial/industrial ESLs defined under 19-7.01C or recognized naturally occurring background concentrations in the job site area

Add to the beginning of section 19-7.03C:

Do not place imported borrow until authorized.

If the Engineer determines the appearance, odor, or texture of any delivery of imported borrow suggests possible contamination, sample and analyze the delivered borrow. The sampling and analysis is change order work unless (1) hazardous waste is discovered or (2) the analytical test results indicate the material does not comply with section 19-7.01D.

Dispose of noncompliant imported borrow at an appropriately permitted CA Class I, CA Class II or CA Class III facility.

BID ITEM LIST
04-3G59U4

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
1	070030	LEAD COMPLIANCE PLAN	LS	LUMP SUM	LUMP SUM	
2	080050	PROGRESS SCHEDULE (CRITICAL PATH METHOD)	LS	LUMP SUM	LUMP SUM	
3	090105	TIME-RELATED OVERHEAD (LS)	LS	LUMP SUM	LUMP SUM	
4	120090	CONSTRUCTION AREA SIGNS	LS	LUMP SUM	LUMP SUM	
5	120100	TRAFFIC CONTROL SYSTEM	LS	LUMP SUM	LUMP SUM	
6	120159	TEMPORARY TRAFFIC STRIPE (PAINT)	LF	806,000		
7	120165	CHANNELIZER (SURFACE MOUNTED)	EA	640		
8	128652	PORTABLE CHANGEABLE MESSAGE SIGN (LS)	LS	LUMP SUM	LUMP SUM	
9	129000	TEMPORARY RAILING (TYPE K)	LF	188,000		
10	129100	TEMPORARY CRASH CUSHION MODULE	EA	940		
11	031337	TEMPORARY ALTERNATIVE CRASH CUSHION	EA	4		
12	130100	JOB SITE MANAGEMENT	LS	LUMP SUM	LUMP SUM	
13	130300	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	LUMP SUM	LUMP SUM	
14	130310	RAIN EVENT ACTION PLAN	EA	101	500	50,500
15	130320	STORM WATER SAMPLING AND ANALYSIS DAY	EA	74		
16	130330	STORM WATER ANNUAL REPORT	EA	3	2,000	6,000
17	130530	TEMPORARY HYDRAULIC MULCH (BONDED FIBER MATRIX)	SQYD	28,000		
18	130620	TEMPORARY DRAINAGE INLET PROTECTION	EA	110		
19	130640	TEMPORARY FIBER ROLL	LF	53,000		
20	130670	TEMPORARY REINFORCED SILT FENCE	LF	23,300		

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Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
21	130680	TEMPORARY SILT FENCE	LF	4,000		
22	130710	TEMPORARY CONSTRUCTION ENTRANCE	EA	8		
23	130730	STREET SWEEPING	LS	LUMP SUM	LUMP SUM	
24	130900	TEMPORARY CONCRETE WASHOUT	LS	LUMP SUM	LUMP SUM	
25	141103	REMOVE YELLOW THERMOPLASTIC TRAFFIC STRIPE (HAZARDOUS WASTE)	LF	91,900		
26	141120	TREATED WOOD WASTE	LB	388,000		
27	150203	ABANDON CULVERT (EA)	EA	3		
28	150310	RAPID SETTING CONCRETE (PATCH)	CF	170		
29	150606	REMOVE FENCE (TYPE BW)	LF	540		
30	150661	REMOVE GUARDRAIL	LF	30,300		
31	150714	REMOVE THERMOPLASTIC TRAFFIC STRIPE	LF	173,000		
32	150722	REMOVE PAVEMENT MARKER	EA	96,400		
33	150742	REMOVE ROADSIDE SIGN	EA	14		
34	150770	REMOVE ASPHALT CONCRETE PAVEMENT (SQFT)	SQFT	168,000		
35	150771	REMOVE ASPHALT CONCRETE DIKE	LF	62,200		
36	031338	ABANDON EDGE DRAIN CLEANOUT AND VENT	EA	47		
37	031339	REMOVE EDGE DRAIN	LF	35,900		
38	150809	REMOVE CULVERT (LF)	LF	250		
39	150820	REMOVE INLET	EA	9		
40	150854	REMOVE CONCRETE PAVEMENT (CY)	CY	9,820		

**BID ITEM LIST
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Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
41	150857	REMOVE ASPHALT CONCRETE SURFACING	SQFT	49,831		
42	152430	ADJUST INLET	EA	130		
43	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQYD	712,000		
44	153120	REMOVE CONCRETE (LF)	LF	16		
45	153215	REMOVE CONCRETE (CURB AND GUTTER)	LF	240		
46	153221	REMOVE CONCRETE BARRIER	LF	7,840		
47	153223	REMOVE UNSOUND CONCRETE	CF	170		
48	153225	PREPARE CONCRETE BRIDGE DECK SURFACE	SQFT	50,335		
49	153227	FURNISH POLYESTER CONCRETE OVERLAY	CF	3,857		
50 (F)	153228	PLACE POLYESTER CONCRETE OVERLAY	SQFT	54,645		
51	153229	REMOVE CONCRETE BARRIER (TYPE K)	LF	100		
52	045329	REMOVE CONCRETE BARRIER (TYPE 60D MODIFIED)	LF	1,396		
53	153240	REMOVE CONCRETE (CURB, GUTTER, AND SIDEWALK) (CY)	CY	3.3		
54	155003	CAP INLET	EA	1		
55	155231	CULVERT SLURRY-CEMENT BACKFILL	CY	3,720		
56	156585	REMOVE CRASH CUSHION	EA	1		
57	160102	CLEARING AND GRUBBING (LS)	LS	LUMP SUM	LUMP SUM	
58	170101	DEVELOP WATER SUPPLY	LS	LUMP SUM	LUMP SUM	
59	190101	ROADWAY EXCAVATION	CY	9,690		
60 (F)	192049	STRUCTURE EXCAVATION (SOLDIER PILE WALL)	CY	103		

BID ITEM LIST
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Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
61 (F)	193006	STRUCTURE BACKFILL (SLURRY CEMENT)	CY	1,726		
62 (F)	193029	STRUCTURE BACKFILL (SOLDIER PILE WALL)	CY	17		
63 (F)	193030	PERVIOUS BACKFILL MATERIAL	CY	499		
64 (F)	193116	CONCRETE BACKFILL (SOLDIER PILE WALL)	CY	131		
65 (F)	193119	LEAN CONCRETE BACKFILL	CY	57		
66	194001	DITCH EXCAVATION	CY	1,690		
67	031340	LIGHTWEIGHT AGGREGATE IMPORTED BORROW	CY	740		
68	198010	IMPORTED BORROW (CY)	CY	5,000		
69	198210	SUBGRADE ENHANCEMENT GEOTEXTILE, CLASS B3	SQYD	2,000		
70	210010	MOVE-IN/MOVE-OUT (EROSION CONTROL)	EA	12		
71	210300	HYDROMULCH	SQFT	94,900		
72	210350	FIBER ROLLS	LF	138,000		
73	210430	HYDROSEED	SQFT	94,900		
74	250401	CLASS 4 AGGREGATE SUBBASE	CY	180		
75	260203	CLASS 2 AGGREGATE BASE (CY)	CY	680		
76	280000	LEAN CONCRETE BASE	CY	350		
77	280015	LEAN CONCRETE BASE RAPID SETTING	CY	5,610		
78	280200	REPLACE BASE	CY	240		
79	360200	BASE BOND BREAKER	SQYD	2,500		
80	370120	ASPHALT-RUBBER BINDER	TON	180		

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Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
81	375035	PRECOATED SCREENINGS	TON	2,100		
82	390132	HOT MIX ASPHALT (TYPE A)	TON	203,000		
83	390135	HOT MIX ASPHALT (LEVELING)	TON	20,400		
84	390137	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	TON	73,700		
85	390403	RUBBERIZED HOT MIX ASPHALT-OPEN GRADED HIGH BINDER(OPEN GRADED FRICTION COURSE)	TON	28,900		
86	391006	ASPHALT BINDER (GEOSYNTHETIC PAVEMENT INTERLAYER)	TON	330		
87	393005	GEOSYNTHETIC PAVEMENT INTERLAYER (PAVING MAT)	SQYD	303,000		
88	394053	SHOULDER RUMBLE STRIP (HMA,GROUND-IN INDENTATIONS)	STA	835		
89	394074	PLACE HOT MIX ASPHALT DIKE (TYPE C)	LF	2,360		
90	394076	PLACE HOT MIX ASPHALT DIKE (TYPE E)	LF	49,700		
91	394077	PLACE HOT MIX ASPHALT DIKE (TYPE F)	LF	15,800		
92	394090	PLACE HOT MIX ASPHALT (MISCELLANEOUS AREA)	SQYD	220		
93	397005	TACK COAT	TON	1,970		
94	031341	PRECAST JOINTED CONCRETE PAVEMENT	CY	6,540		
95	411105	INDIVIDUAL SLAB REPLACEMENT (RSC)	CY	4,700		
96	413000	CRACK AND SEAT	SQYD	792,000		
97	045330	STEEL SOLDIER PILE (W 24 X 146)	LF	726		
98	490406	36" DRILLED HOLE	LF	718		
99	498052	60" CAST-IN-DRILLED-HOLE CONCRETE PILE (SIGN FOUNDATION)	LF	53		
100 (F)	510060	STRUCTURAL CONCRETE, RETAINING WALL	CY	41		

BID ITEM LIST
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Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
121	031342	RETROREFLECTIVE SHEETING (TYPE XI)	SQFT	1,120		
122 (F)	575004	TIMBER LAGGING	MFBM	8		
123	590120	CLEAN AND PAINT STEEL SOLDIER PILING	LS	LUMP SUM	LUMP SUM	
124	620061	12" ALTERNATIVE PIPE CULVERT (TYPE A)	LF	50		
125	620101	18" ALTERNATIVE PIPE CULVERT (TYPE A)	LF	7,930		
126	620102	18" ALTERNATIVE PIPE CULVERT (TYPE B)	LF	340		
127 (F)	031343	CONCRETE BACKFILL (PIPE TRENCH) (RAPID STRENGTH CONCRETE)	CY	103		
128	665011	12" CORRUGATED STEEL PIPE (.064" THICK)	LF	96		
129	665016	18" CORRUGATED STEEL PIPE (.064" THICK)	LF	220		
130	665717	18" SLOTTED CORRUGATED STEEL PIPE (.079" THICK)	LF	460		
131	681132	GEOCOMPOSITE DRAIN	SQFT	159		
132	692005	12" ENTRANCE TAPER	EA	1		
133 (F)	721026	ROCK SLOPE PROTECTION (NO. 1, METHOD B) (CY)	CY	10		
134	729011	ROCK SLOPE PROTECTION FABRIC (CLASS 8)	SQYD	29		
135	730040	MINOR CONCRETE (GUTTER) (LF)	LF	141		
136	730070	DETECTABLE WARNING SURFACE	SQFT	12		
137	731504	MINOR CONCRETE (CURB AND GUTTER)	CY	14		
138	731623	MINOR CONCRETE (CURB RAMP)	CY	3.3		
139	733000	PRE/POST CONSTRUCTION SURVEYS	EA	1		
140 (F)	750001	MISCELLANEOUS IRON AND STEEL	LB	73,024		

BID ITEM LIST
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Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
141	800007	FENCE (TYPE BW, 5-STRAND, METAL POST)	LF	540		
142	031344	CONCRETE BARRIER MARKER	EA	180		
143	820107	DELINEATOR (CLASS 1)	EA	210		
144	820118	GUARD RAILING DELINEATOR	EA	300		
145	820134	OBJECT MARKER (TYPE P)	EA	54		
146	820151	OBJECT MARKER (TYPE L-1)	EA	47		
147	832007	MIDWEST GUARDRAIL SYSTEM (WOOD POST)	LF	30,900		
148	832070	VEGETATION CONTROL (MINOR CONCRETE)	SQYD	11,400		
149	839302	SINGLE THRIE BEAM BARRIER (WOOD POST)	LF	3,660		
150	839311	DOUBLE THRIE BEAM BARRIER (WOOD POST)	LF	480		
151 (F)	839521	CABLE RAILING	LF	141		
152	839542	TRANSITION RAILING (TYPE DTB)	EA	1		
153	839543	TRANSITION RAILING (TYPE WB-31)	EA	28		
154	839581	END ANCHOR ASSEMBLY (TYPE SFT)	EA	23		
155	839584	ALTERNATIVE IN-LINE TERMINAL SYSTEM	EA	20		
156	839585	ALTERNATIVE FLARED TERMINAL SYSTEM	EA	25		
157	839591	CRASH CUSHION, SAND FILLED	EA	1		
158	839701	CONCRETE BARRIER (TYPE 60)	LF	520		
159 (F)	839702	CONCRETE BARRIER (TYPE 60A)	LF	135		
160	839703	CONCRETE BARRIER (TYPE 60C)	LF	27,900		

BID ITEM LIST
04-3G59U4

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
161	045331	CONCRETE BARRIER (TYPE 60D MODIFIED)	LF	1,537		
162	031345	CONCRETE BARRIER (TYPE 60R)	LF	84		
163	031346	CONCRETE BARRIER (ANCHOR BLOCK)	LF	120		
164	045332	CONCRETE BARRIER (TRANSITION)	LF	82		
165	031347	4" TRAFFIC CONTRAST STRIPE BLACK PAINT	LF	19,200		
166	031348	4" TRAFFIC CONTRAST STRIPE BLACK PAINT (BROKEN 18-12)	LF	22,700		
167	846001	4" THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY)	LF	193,000		
168	846004	4" THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY) (BROKEN 17-7)	LF	760		
169	846007	6" THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY)	LF	1,330		
170	846009	8" THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY)	LF	11,100		
171	846012	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING (ENHANCED WET NIGHT VISIBILITY)	SQFT	4,810		
172	031349	4" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 34-14) (ENHANCED WET NIGHT VISIBILITY)	LF	228,000		
173	850101	PAVEMENT MARKER (NON-REFLECTIVE)	EA	62,200		
174	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	28,400		
175	BLANK					
176	860604	FLASHING BEACON SYSTEM	LS	LUMP SUM	LUMP SUM	
177	861100	RAMP METERING SYSTEM	LS	LUMP SUM	LUMP SUM	
178	870200	LIGHTING SYSTEM	LS	LUMP SUM	LUMP SUM	
179	872130	MODIFYING EXISTING ELECTRICAL SYSTEM	LS	LUMP SUM	LUMP SUM	
180	BLANK					

**BID ITEM LIST
04-3G59U4**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
181	120300	TEMPORARY PAVEMENT MARKER	EA	10,400		
182	839221	DOUBLE MIDWEST GUARDRAIL SYSTEM (WOOD POST)	LF	94		
183	839540	TRANSITION RAILING (TYPE STB)	EA	1		
184	839700	CONCRETE BARRIER (TYPE 60F)	LF	160		
185	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

TOTAL BID

FOR BID ITEMS:

\$

TOTAL BID

FOR TIME:

$$\frac{\text{WORKING DAYS BID}}{\text{(Do not bid less than 350 days and not more than 450 Days)}} \times \frac{\$11,500.00}{\text{COST PER DAY}} = \$$$

TOTAL BID FOR COMPARISON (COST PLUS TIME):

\$
