

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

OFFICE ENGINEER

1727 30th Street MS-43

P.O. BOX 168041

SACRAMENTO, CA 95816-8041

FAX (916) 227-6214

www.dot.ca.gov/hq/esc/oe



*Serious Drought.
Help save water!*

April 4, 2016

05-SB-101-2.2/3.3

05-4482U4

Project ID 0500000543

ACNHP-Q101(290)E

Addendum No. 2

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN SANTA BARBARA COUNTY IN CARPINTERIA FROM 0.2 MILE SOUTH OF CARPINTERIA CREEK BRIDGE TO FRANKLIN CREEK BRIDGE, 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 5 dated 04/01/2016.

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, April 20, 2016.

Project plan sheets 27, 28, 104, 105, 106, 111, 115, 128, 129, 130, 131, 132, 134, 137, 139, 141, 144, 156, 157, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 350, 352, 353, 390, 403, 404, 405, 572, 573, 577, 578, 579, 581, 583, 587, 592, 593, 600, 601, 625, 629, 634, 635, 650, 651, 705, 706, 707, 708, 709, 710, 711, 714, 719, 720 are replaced and attached for substitution for the like-numbered sheets.

Project plan sheets 144A, 169A, 185A, 524A, 528A, 711A are added and attached for addition to the project plans.

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

"ES-7F and ES-8B."

In the *Notice to Bidders and Special Provisions*, project plans approved date is replaced as follows:

"Project plans approved December 7, 2015"

In the *Notice to Bidders*, the following paragraph is added after the ninth paragraph:

"For the federal training program, the number of trainees or apprentices is 28."

In the Special Provisions, Section1-1.01, is replaced as attached.

*"Provide a safe, sustainable, integrated and efficient transportation system
to enhance California's economy and livability"*

Addendum No. 2
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In the Special Provisions, Section 20-5.05B(1), "General," the first paragraph is replaced as follows:

"Section 20-5.05B includes specifications for tree grates, center plates, tree frames, and hardware for anchoring tree grates."

In the Special Provisions, Section 86-2.04F, the revision clause is replaced as follows:

"Add to section 86-2"

In the Special Provisions, Section 2 BIDDING, 2-1.06B Supplemental Project Information, is replaced as attached.

The *Information Handout* "Cover sheet" is replaced as attached.

The *Information Handout* "Retaining Wall D and Soundwall B4 Foundation Report" is replaced as attached.

In the *Bid* book, in the "Bid Item List," Items 75, 77, 79, 80, 133, 140, 147, 150, 156, 176, 180, 198, 209, 217, 226, 227, 248, 258, are replaced.

In the *Bid* book, in the "Bid Item List," Items 283 and 284 are added.

In the *Bid* book, in the "Bid Item List," Item 282 is 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.

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/05/05-4482U4

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,



SHARRI BENDER EHLERT
District Director
District 6 Central Region

Attachments

DIVISION I GENERAL PROVISIONS

1 GENERAL

Add to section 1-1.01:

Bid Items and Applicable Sections

Item code	Item description	Applicable section
030789	TEMPORARY ALTERNATIVE CRASH CUSHION	12
030790	BIRD EXCLUSION DEVICES	14
045236	PERMEABLE MATTRESS	19
030791	LIVE SILTATION	20
030792	WILLOW POLES	20
030793	BRUSH LAYERING	20
030794	TREE GRATE	20
030795	2" SPRINKLER CONTROL CONDUIT	20
030796	6" SCHEDULE 40 PIPE CONDUIT	20
030797	COMPOST BERM	21
030798	COMPOST (TYPE 1)	21
030799	COMPOST (TYPE 2)	21
045237	MECHANICALLY STABILIZED EMBANKMENT (MODIFIED) (LOCATION A)	47
045238	MECHANICALLY STABILIZED EMBANKMENT (MODIFIED) (LOCATION B)	47
045239	TEMPORARY PEDESTRIAN WALKWAY	48
045240	FURNISH 48" STEEL PIPE PILING	49
045241	DRIVE 48" STEEL PIPE PILE	49
045242	FURNISH 78" CAST-IN-STEEL SHELL CONCRETE PILING	49
045243	DRIVE 78" CAST-IN-STEEL SHELL CONCRETE PILING	49
045244	STRUCTURAL CONCRETE BRIDGE (POLYMER FIBER)	51
045245	MINOR CONCRETE (BRIDGE PLANTER)	51
045246	IN-AND-OUT BLOCK TEXTURE	51
045247	SPLIT FACE TEXTURE	51
045248	BAR REINFORCING STEEL (SOUND WALL PILE)	52
030800	FURNISH LAMINATED PANEL SIGN (1"-TYPE A) FOR RETROREFLECTIVE SHEETING (TYPE XI)	56
030801	FURNISH LAMINATED PANEL SIGN (1"-TYPE B) FOR RETROREFLECTIVE SHEETING (TYPE XL)	56
030802	FURNISH LAMINATED PANEL SIGN (2 1/2"-TYPE B) FOR RETROREFLECTIVE SHEETING (TYPE XI)	56
030803	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-UNFRAMED) FOR RETROREFLECTIVE SHEETING (TYPE XI)	56
030804	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-UNFRAMED) FOR RETROREFLECTIVE SHEETING (TYPE XI)	56
030805	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-FRAMED) FOR RETROREFLECTIVE SHEETING (TYPE XI)	56
030806	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-FRAMED) FOR RETROREFLECTIVE SHEETING (TYPE XI)	56

030807	RETROREFLECTIVE SHEETING (TYPE XI)	56
030808	WING-GATE (AUTOMATIC RETRACTABLE SYSTEM)	70
030809	CONNECTOR PIPE SCREEN	70
030810	8" WELDED STEEL PIPE	70
030811	ROCK SLOPE PROTECTION (1/4 T, METHOD A) (CY)	72
045249	SLOPE PAVING (IN-AND-OUT BLOCK TEXTURE CONCRETE)	72
030812	MINOR CONCRETE (BUS POCKET)	73
030813	MINOR CONCRETE (STAIRCASE)	73
045250	BRIDGE PLANTER DRAINAGE SYSTEM	75
030814	SANITARY SEWER FACILITIES	77
030815	24" WELDED STEEL PIPE (0.5" THICK) TRENCHLESS INSTALLATION	78
030816	36" WELDED STEEL PIPE (0.5" THICK) TRENCHLESS INSTALLATION	78
030817	BUS SHELTER	78
030818	CHAIN LINK FENCE (TYPE CL-8, BW POST TOP VINYL-CLAD)	80
030819	12' CHAIN LINK GATE (TYPE CL-6, VINYL-CLAD)	80
045251	PICKET FENCE RAILING	83
045252	TUBULAR BICYCLE RAILING	83
030820	ALTERNATIVE CRASH CUSHION SYSTEM	83
030821	CONCRETE BARRIER (TYPE 736B MODIFIED)	83
030822	CONCRETE BARRIER (TYPE 732B MODIFIED)	83
045253	CONCRETE BARRIER (TYPE 60D MODIFIED)	83
045254	CONCRETE BARRIER (TYPE 60 MODIFIED)	83
045255	CONCRETE BARRIER (TYPE 80A MODIFIED)	83
045256	CONCRETE BARRIER (TYPE 80SW MODIFIED)	83
045257	CONCRETE BARRIER (TYPE 80 MODIFIED)	83
045258	CONCRETE BARRIER (TYPE 60 TRANSITION MODIFIED)	83
030830	SIGNAL AND LIGHTING (LOCATION 1)	86
030831	SIGNAL AND LIGHTING (LOCATION 2)	86
030832	SIGNAL AND LIGHTING (LOCATION 3)	86
030833	SIGNAL AND LIGHTING (LOCATION 4)	86
030977	REDWOOD COVER	70

CONTRACT NO. 05-4482U4
REPLACED PER ADDENDUM NO. 2 DATED APRIL 4, 2016

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

The Department makes the following supplemental project information available:

CONTRACT NO. 05-4482U4
REPLACED PER ADDENDUM NO. 2 DATED APRIL 4, 2016

Supplemental Project Information

Means	Description
<p>Included in the <i>Information Handout</i></p>	<p>Foundation Reports:</p> <ul style="list-style-type: none"> • Foundation Report for Carpinteria Creek Bridge dated May 5, 2014 • Final Hydraulic Report for Carpinteria Creek Bridge and Via Real Bridge dated June 14, 2012 • Foundation Report for Via Real Bridge dated May 5, 2014 • Foundation Report for Casitas Pass Road Bridge dated May 5, 2014 • Foundation Report for Linden Avenue Overcrossing dated May 5, 2014 • Retaining Wall B Foundation Report dated January 22, 2014 • Retaining Wall C Foundation Report dated January 28, 2014 • Revised Retaining Wall D and Sound Wall B4 Foundation Report dated March 23, 2016 • Retaining Wall I Foundation Report dated March 28, 2014 • Retaining Wall J Foundation Report dated January 22, 2014 • Retaining Wall K Foundation Report dated January 22, 2014 • Retaining Wall L Foundation Report dated January 22, 2014 • Retaining Wall M Foundation Report dated January 22, 2014 • Sound Wall B2 Foundation Report dated January 22, 2014 • Sound Wall B7 Foundation Report dated January 22, 2014 • Sound Wall B9 Foundation Report dated January 22, 2014 <p>Permits:</p> <ul style="list-style-type: none"> • City of Carpinteria, Coastal Development Permit/Conditional Use Permit • U.S. Fish and Wildlife Service Biological Opinion: Tidewater goby • National Oceanic and Atmospheric Administration (National Marine Fisheries Service), Biological Opinion: Steelhead trout • Army Corps of Engineers, Section 404 Individual Permit • California Dept. of Fish and Wildlife, Streambed Alteration Agreement • Central Coast Regional Water Quality Control Board, Water Quality Certification

Means	Description
	<p>Manufacturer's Instructions:</p> <ul style="list-style-type: none"> • Wing-Gate (Automatic Retractable Screen) • Connector Pipe Screen • LNI Custom Manufacturing Bus Shelter • LEDTronics LED Acorn Light Bulb • BEGA Street Lighting Fixtures • Urban Accessories Kiva Tree Grate • Alternative In-Line Terminal Systems • Alternative Flared Terminal Systems • Alternative Crash Cushions <p>Water source information</p> <ul style="list-style-type: none"> • Carpinteria Valley Water District <p>Transition Detail for 31" Terminal System American Public Works Association (APWA) Standard Plan No. 635 & 636 ADL Concentrations and Data Mapping Geotechnical Design Report</p>
Available as specified in the <i>Standard Specifications</i>	<p>Bridge as-built drawings Cross Sections-dgn Cross Sections-pdf All-Alignments All-Profiles Contours-2D</p>
Included with the project plans	Log of test borings
Available for inspection at the District Office Telephone no.: (805) 549-3116	DTSC Variance for materials containing ADL, Type Y-1
Available for inspection at: 1150 LAUREL LN STE 175 SAN LUIS OBISPO CA Telephone no.: (805) 549-3116	

BID ITEM LIST

05-4482U4

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
61	153141	REMOVE CONCRETE ISLAND (PORTIONS) (SQYD)	SQYD	250		
62	153220	REMOVE CONCRETE (CHANNEL)	CY	410		
63	153241	REMOVE CONCRETE (CURB, GUTTER, AND SIDEWALK) (LF)	LF	3,250		
64	153247	REMOVE CONCRETE (MISCELLANEOUS) (CY)	CY	770		
65	155232	SAND BACKFILL	CY	490		
66	157551	BRIDGE REMOVAL, LOCATION A	LS	LUMP SUM	LUMP SUM	
67	157552	BRIDGE REMOVAL, LOCATION B	LS	LUMP SUM	LUMP SUM	
68	157553	BRIDGE REMOVAL, LOCATION C	LS	LUMP SUM	LUMP SUM	
69	160102	CLEARING AND GRUBBING (LS)	LS	LUMP SUM	LUMP SUM	
70	170101	DEVELOP WATER SUPPLY	LS	LUMP SUM	LUMP SUM	
71	180106	DUST PALLIATIVE	LS	LUMP SUM	LUMP SUM	
72	190101	ROADWAY EXCAVATION	CY	101,500		
73	190107	ROADWAY EXCAVATION (TYPE Y-1) (AERIALY DEPOSITED LEAD)	CY	12,300		
74 (F)	192003	STRUCTURE EXCAVATION (BRIDGE)	CY	5,256		
75 (F)	192020	STRUCTURE EXCAVATION (TYPE D)	CY	12,287		
76 (F)	192037	STRUCTURE EXCAVATION (RETAINING WALL)	CY	4,529		
77 (F)	045236	PERMEABLE MATTRESS	CY	1,405		
78 (F)	193003	STRUCTURE BACKFILL (BRIDGE)	CY	3,619		
79 (F)	193013	STRUCTURE BACKFILL (RETAINING WALL)	CY	8,792		
80 (F)	193031	PERVIOUS BACKFILL MATERIAL (RETAINING WALL)	CY	221		

BID ITEM LIST

05-4482U4

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
121	401050	JOINTED PLAIN CONCRETE PAVEMENT	CY	80		
122 (F)	045237	MECHANICALLY STABILIZED EMBANKMENT (MODIFIED), LOCATION A	SQFT	5,766		
123 (F)	045238	MECHANICALLY STABILIZED EMBANKMENT (MODIFIED), LOCATION B	SQFT	2,236		
124	480300	TEMPORARY SUPPORT	LS	LUMP SUM	LUMP SUM	
125	045239	TEMPORARY PEDESTRIAN WALKWAY	LS	LUMP SUM	LUMP SUM	
126	045240	FURNISH 48" STEEL PIPE PILING	LF	291		
127	045241	DRIVE 48" STEEL PIPE PILING	EA	4		
128	490746	FURNISH PILING (CLASS 140) (ALTERNATIVE W)	LF	258		
129	490747	DRIVE PILE (CLASS 140) (ALTERNATIVE W)	EA	10		
130	490782	FURNISH PILING (CLASS 200) (ALTERNATIVE W)	LF	16,055		
131	490783	DRIVE PILE (CLASS 200) (ALTERNATIVE W)	EA	302		
132	045242	FURNISH 78" CAST-IN-STEEL-SHELL CONCRETE PILING	LF	784		
133	045243	DRIVE 78" CAST-IN-STEEL-SHELL CONCRETE PILING	EA	10		
134	498022	24" CAST-IN-DRILLED-HOLE CONCRETE PILING (SOUND WALL)	LF	2,860		
135	498052	60" CAST-IN-DRILLED-HOLE CONCRETE PILE (SIGN FOUNDATION)	LF	23		
136	500001	PRESTRESSING CAST-IN-PLACE CONCRETE	LS	LUMP SUM	LUMP SUM	
137 (F)	510051	STRUCTURAL CONCRETE, BRIDGE FOOTING	CY	869		
138 (F)	510053	STRUCTURAL CONCRETE, BRIDGE	CY	5,230		
139 (F)	045244	STRUCTURAL CONCRETE, BRIDGE (POLYMER FIBER)	CY	1,404		
140 (F)	510060	STRUCTURAL CONCRETE, RETAINING WALL	CY	3,035		

BID ITEM LIST

05-4482U4

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
141 (F)	510061	STRUCTURAL CONCRETE, SOUND WALL	CY	434		
142 (F)	510072	STRUCTURAL CONCRETE, BARRIER SLAB	CY	412		
143 (F)	510086	STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N)	CY	528		
144 (F)	510088	STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N MODIFIED)	CY	95		
145 (F)	510090	STRUCTURAL CONCRETE, BOX CULVERT	CY	129.4		
146 (F)	510092	STRUCTURAL CONCRETE, HEADWALL	CY	66.4		
147 (F)	510502	MINOR CONCRETE (MINOR STRUCTURE)	CY	588.5		
148 (F)	045245	MINOR CONCRETE (BRIDGE PLANTER)	CY	14		
149 (F)	045246	IN-AND-OUT BLOCK TEXTURE	SQFT	8,235		
150 (F)	045247	SPLIT FACE TEXTURE	SQFT	20,403		
151	519088	JOINT SEAL (MR 1")	LF	411		
152	519091	JOINT SEAL (MR 1 1/2")	LF	189		
153	519100	JOINT SEAL (MR 2")	LF	132		
154 (F)	520101	BAR REINFORCING STEEL	LB	25,452		
155 (F)	520102	BAR REINFORCING STEEL (BRIDGE)	LB	1,810,357		
156 (F)	520103	BAR REINFORCING STEEL (RETAINING WALL)	LB	345,759		
157 (F)	045248	BAR REINFORCING STEEL (SOUND WALL PILE)	LB	82,381		
158	540101	ASPHALT MEMBRANE WATERPROOFING	SQFT	1,500		
159 (F)	560218	FURNISH SIGN STRUCTURE (TRUSS)	LB	17,600		
160 (F)	560219	INSTALL SIGN STRUCTURE (TRUSS)	LB	17,600		

BID ITEM LIST

05-4482U4

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
161	560248	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-UNFRAMED)	SQFT	540		
162	560249	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-UNFRAMED)	SQFT	100		
163	566011	ROADSIDE SIGN - ONE POST	EA	140		
164	566012	ROADSIDE SIGN - TWO POST	EA	6		
165	568001	INSTALL SIGN (STRAP AND SADDLE BRACKET METHOD)	EA	2		
166	568017	INSTALL ROADSIDE SIGN PANEL ON EXISTING POST	EA	3		
167	568023	INSTALL ROADSIDE SIGN (LAMINATED WOOD BOX POST)	EA	7		
168	030800	FURNISH LAMINATED PANEL SIGN (1"-TYPE A)FOR RETROREFLECTIVE SHEETING (TYPE XI)	SQFT	140		
169	030801	FURNISH LAMINATED PANEL SIGN (1"-TYPE B)FOR RETROREFLECTIVE SHEETING (TYPE XI)	SQFT	410		
170	030802	FURNISH LAMINATED PANEL SIGN (2 1/2"-TYPE B) FOR RETROREFLECTIVE SHEETING (TYPE XI)	SQFT	610		
171	030803	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-UNFRAMED)FOR RETROREFLECTIVE SHEETING (TYPE XI)	SQFT	680		
172	030804	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-UNFRAMED) FOR RETROREFLECTIVE SHEETING (TYPE XI)	SQFT	510		
173	030805	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063" - FRAMED) FOR RETROREFLECTIVE SHEETING (TYPE XI)	SQFT	110		
174	030806	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080" -FRAMED) FOR RETROREFLECTIVE SHEETING (TYPE XI)	SQFT	61		
175	030807	RETROREFLECTIVE SHEETING (TYPE XI)	SQFT	2,500		
176 (F)	582001	SOUND WALL (MASONRY BLOCK)	SQFT	44,282		
177	591200	ROCK STAIN	SQFT	12,900		
178	597600	PREPARE AND PAINT CONCRETE	SQFT	2,660		
179	597601	PREPARE AND STAIN CONCRETE	SQFT	24,416		
180	620100	18" ALTERNATIVE PIPE CULVERT	LF	230		

BID ITEM LIST**05-4482U4**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
181	620140	24" ALTERNATIVE PIPE CULVERT	LF	8,440		
182	620220	36" ALTERNATIVE PIPE CULVERT	LF	4,780		
183	620260	42" ALTERNATIVE PIPE CULVERT	LF	860		
184	620300	48" ALTERNATIVE PIPE CULVERT	LF	510		
185	620340	54" ALTERNATIVE PIPE CULVERT	LF	380		
186	620380	60" ALTERNATIVE PIPE CULVERT	LF	1,620		
187	620800	CONCRETE BACKFILL (PIPE TRENCH)	CY	47		
188	680283	3" PLASTIC PIPE UNDERDRAIN	LF	750		
189	681107	3" PLASTIC PIPE (EDGE DRAIN OUTLET)	LF	520		
190	682049	CLASS 3 PERMEABLE MATERIAL (BLANKET)	CY	41		
191	030808	WING-GATE (AUTOMATIC RETRACTABLE SYSTEM)	EA	29		
192	030809	CONNECTOR PIPE SCREEN	EA	9		
193	700617	DRAINAGE INLET MARKER	EA	140		
194	703450	WELDED STEEL PIPE CASING (BRIDGE)	LF	235		
195	030810	8" WELDED STEEL PIPE	LF	260		
196	705315	24" ALTERNATIVE FLARED END SECTION	EA	8		
197	705321	36" ALTERNATIVE FLARED END SECTION	EA	1		
198	707117	36" PRECAST CONCRETE PIPE INLET	LF	22		
199	030811	ROCK SLOPE PROTECTION (1/4 T, METHOD A) (CY)	CY	3,250		
200	721013	ROCK SLOPE PROTECTION (1/4 T, METHOD B) (CY)	CY	430		

BID ITEM LIST**05-4482U4**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
201	721017	ROCK SLOPE PROTECTION (FACING, METHOD B) (CY)	CY	2,377		
202	045249	SLOPE PAVING (IN-AND-OUT BLOCK TEXTURE CONCRETE)	CY	89		
203	729011	ROCK SLOPE PROTECTION FABRIC (CLASS 8)	SQYD	6,370		
204	730010	MINOR CONCRETE (CURB) (LF)	LF	333		
205	730020	MINOR CONCRETE (CURB) (CY)	CY	490		
206	730040	MINOR CONCRETE (GUTTER) (LF)	LF	2,048		
207	730045	MINOR CONCRETE (GUTTER) (CY)	CY	48		
208	730070	DETECTABLE WARNING SURFACE	SQFT	1,000		
209	731502	MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION)	CY	97		
210	731507	MINOR CONCRETE (GUTTER DEPRESSION)	CY	64		
211	731508	MINOR CONCRETE (EXPOSED AGGREGATE CONCRETE)	SQFT	8,430		
212	731516	MINOR CONCRETE (DRIVEWAY)	CY	41		
213	731521	MINOR CONCRETE (SIDEWALK)	CY	490		
214	731623	MINOR CONCRETE (CURB RAMP)	CY	110		
215	030812	MINOR CONCRETE (BUS POCKET)	CY	33		
216	030813	MINOR CONCRETE (STAIRCASE)	CY	22		
217 (F)	750001	MISCELLANEOUS IRON AND STEEL	LB	48,892		
218 (F)	750501	MISCELLANEOUS METAL (BRIDGE)	LB	708		
219 (F)	045250	BRIDGE PLANTER DRAINAGE SYSTEM	LB	6,050		
220 (F)	750505	BRIDGE DECK DRAINAGE SYSTEM	LB	19,216		

BID ITEM LIST**05-4482U4**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
221	030814	SANITARY SEWER FACILITIES	LS	LUMP SUM	LUMP SUM	
222	030815	24" WELDED STEEL PIPE (0.5" THICK) TRENCHLESS INSTALLATION	LF	59		
223	030816	36" WELDED STEEL PIPE (0.5" THICK) TRENCHLESS INSTALLATION	LF	56		
224	030817	BUS SHELTER	LS	LUMP SUM	LUMP SUM	
225	800103	TEMPORARY FENCE (TYPE CL-6)	LF	2,440		
226	800321	CHAIN LINK FENCE (TYPE CL-4, VINYL- CLAD)	LF	789		
227	800361	CHAIN LINK FENCE (TYPE CL-6, VINYL- CLAD)	LF	2,225		
228	030818	CHAIN LINK FENCE (TYPE CL-8, BW POST TOP VINYL-CLAD)	LF	190		
229	030819	12' CHAIN LINK GATE (TYPE CL-6, VINYL- CLAD)	EA	3		
230	810111	SURVEY MONUMENT (TYPE A)	EA	5		
231	820107	DELINEATOR (CLASS 1)	EA	130		
232	820118	GUARD RAILING DELINEATOR	EA	42		
233	820130	OBJECT MARKER	EA	71		
234	820134	OBJECT MARKER (TYPE P)	EA	79		
235	832017	MIDWEST GUARDRAIL SYSTEM (8' POST)	LF	3,330		
236	832070	VEGETATION CONTROL (MINOR CONCRETE)	SQYD	1,560		
237	045251	PICKET FENCE RAILING	LF	1,223		
238 (F)	045252	TUBULAR BICYCLE RAILING	LF	204		
239	839303	SINGLE THRIE BEAM BARRIER (STEEL POST)	LF	5,090		
240	839514	HANDRAILING	LF	110		

BID ITEM LIST**05-4482U4**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
241 (F)	839521	CABLE RAILING	LF	920		
242	839540	TRANSITION RAILING (TYPE STB)	EA	2		
243	839543	TRANSITION RAILING (TYPE WB-31)	EA	6		
244	839581	END ANCHOR ASSEMBLY (TYPE SFT)	EA	3		
245	839584	ALTERNATIVE IN-LINE TERMINAL SYSTEM	EA	5		
246	839585	ALTERNATIVE FLARED TERMINAL SYSTEM	EA	2		
247	030820	ALTERNATIVE CRASH CUSHION SYSTEM	EA	2		
248	030821	CONCRETE BARRIER (TYPE 736B MODIFIED)	LF	300		
249	030822	CONCRETE BARRIER (TYPE 732B MODIFIED)	LF	35		
250	839700	CONCRETE BARRIER (TYPE 60F)	LF	170		
251	839701	CONCRETE BARRIER (TYPE 60)	LF	3,210		
252	839703	CONCRETE BARRIER (TYPE 60C)	LF	680		
253	045253	CONCRETE BARRIER (TYPE 60D MODIFIED)	LF	227		
254	045254	CONCRETE BARRIER (TYPE 60 MODIFIED)	LF	200		
255 (F)	045255	CONCRETE BARRIER (TYPE 80A MODIFIED)	LF	126		
256 (F)	045256	CONCRETE BARRIER (TYPE 80SW MODIFIED)	LF	1,105		
257 (F)	045257	CONCRETE BARRIER (TYPE 80 MODIFIED)	LF	1,740		
258 (F)	839727	CONCRETE BARRIER (TYPE 736 MODIFIED)	LF	1,735		
259	045258	CONCRETE BARRIER (TYPE 60 TRANSITION MODIFIED)	LF	15		
260	840504	4" THERMOPLASTIC TRAFFIC STRIPE	LF	15,200		

BID ITEM LIST
05-4482U4

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
281	860402	LIGHTING (CITY STREET)	LS	LUMP SUM	LUMP SUM	
282	BLANK					
283	030977	REDWOOD COVER	EA	2		
284	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

TOTAL BID:

\$
