

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

OFFICE ENGINEER

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March 14, 2014

11-SD-5-R58.1/R72.4

11-406704

Project ID 1100020342

ACNHPI-005-1(627)E

Addendum No. 3

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN SAN DIEGO COUNTY NEAR OCEANSIDE FROM COCKLEBURR OVERCROSSING TO THE SAN DIEGO COUNTY LINE.

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

Bids for this work will be opened on Thursday, April 10, 2014.

This addendum is being issued to revise the project plans, the *Notice to Bidders and Special Provisions*, and the *Bid* book.

Project plan sheets 2, 3, 4, 5, 6, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 26, 28, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 54, 55, 56, 57, 61, 62, 63, 64, 65, 85, 89, 90, 95, 120, 121, 165, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, and 213 are replaced and attached for substitution for the like-numbered sheets.

Project plan sheets 104A, 104B, 104C, 104D, 116A, 116B, 116C, and 121A are added and attached for addition to the project plans.

Project plan sheets 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, and 84 are deleted.

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

"D75B	Concrete Pipe Inlets
D75C	Pipe Inlets - Ladder and Trash Rack Details
D98C	Grated Line Drain Details"

In the *Notice to Bidders*, the third paragraph is replaced as follows:

"General work description: PCC rehabilitation including JPCP (RSC) and approach slabs."

In the *Notice to Bidders*, the thirteenth paragraph is replaced as follows:

"The estimated cost of the project is \$41,000,000."

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In the Special Provisions, Section 1, "GENERAL," subsection "Add to section 1-1.01:," "Bid Items and Applicable Sections," the table row below is deleted.

026762	PRECAST PRESTRESSED CONCRETE PAVEMENT	40
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In the Special Provisions, Section 8-1.09, "INCENTIVE/DISINCENTIVE FOR EARLY COMPLETION," is deleted.

In the Special Provisions, Section 11, "QUALITY CONTROL AND ASSURANCE," subsection "Add to section 11-2.01:" is deleted.

In the Special Provisions, Section 12, "TEMPORARY TRAFFIC CONTROL," subsection "Replace section 12-2 with:," subsection 12-2.02, "MATERIALS," the blank table following the fourth paragraph is deleted.

In the Special Provisions, Section 12-3.18, "ARMOURGUARD BARRIER SYSTEM," the third paragraph of subsection 12-3.18B, "Materials," is replaced as follows:

"The above price will be firm for orders placed on or before November 30, 2014, provided delivery is accepted within 90 days after the order is placed."

In the Special Provisions, Section 12-4.05B, is replaced as attached.

In the Special Provisions, Section 12-4.05E, is replaced as attached.

In the Special Provisions, Section 12-4.05H, is replaced as attached.

In the Special Provisions, Section 21 is added as follows:

"21 EROSION CONTROL

Replace item 2 in the list in the fifth paragraph of section 21-1.02E with:

2. Contain 3/8-inch fiber strands for at least 25 percent by total volume."

In the Special Provisions, Section 39-1.02F(1) is added as follows:

"Replace item four in the sixth paragraph of section 39-1.02F(1) of the RSS with:

4. Test temperature must be set at 122 ± 2 degrees F"

In the Special Provisions, Section 39-1.02F(2) is added as follows:

"Replace the first paragraph of section 39-1.02F(2) of the RSS with:

If RAP is from multiple sources, blend the RAP thoroughly and completely before fractionating.

For RAP substitution of 15 percent or less, fractionation is not required."

In the Special Provisions, Section 39-1.02F(3) is added as follows:

"Replace the first paragraph of section 39-1.02F(3) of the RSS with:

For RAP substitution greater than 15 percent, fractionate RAP stockpiles into 2 sizes, a coarse fraction RAP retained on 3/8-inch sieve, and a fine fraction RAP passing 3/8-inch sieve.

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The RAP fractionation must comply with the requirements shown in the following table:

RAP Stockpile Fractionation Gradation Requirements

Quality characteristic	Test method	Requirement
Coarse	California Test 202 ^a	100% passing the 1-inch sieve
Fine	California Test 202 ^a	98%-100% passing the 3/8-inch sieve

^aMaximum mechanical shaking time is 10 minutes

You may use the coarse fractionated stockpile, the fine fractionated stockpile, or a combination of the coarse and fine fractionated stockpiles."

In the Special Provisions, Section 40, "CONCRETE PAVEMENT," subsection "Add after the fifth paragraph of the RSS for section 40-1.02E:" is deleted.

In the Special Provisions, Section 40, "CONCRETE PAVEMENT," subsection "Add after the third paragraph of the RSS for section 40-1.02F:" is deleted.

In the Special Provisions, Section 40, "CONCRETE PAVEMENT," subsection "Replace "Reserved" in section 40-1.03L(1) of the RSS for section 40-1.03L with:" is deleted.

In the Special Provisions, Section 40-7, "PRECAST PRESTRESSED CONCRETE PAVEMENT," is deleted.

In the Special Provisions, Section 41-11, "DOWEL BAR SLOTS," is deleted.

In the Special Provisions, Section 51, "CONCRETE STRUCTURES," the following is added:

"Replace the sixth paragraph in section 51-5.03E with:

Except when using RSC, magnesium phosphate concrete, or modified high-alumina-based concrete, allow 12 hours between placing the paving notch extension and the approach slab.

Add to section 51-5.03E:

When using RSC, the 1-hour compressive strength must be at least 2,500 psi. Allow at least 1 hour between placing the paving notch extension and the approach slab.

When using magnesium phosphate concrete or modified high-alumina-based concrete, allow at least 1 hour between placing the paving notch extension and the approach slab."

In the *Bid* book, in the "Bid Item List," Items 12, 29, 32, 37, 40, 41, 55, 57, 59, 60, 61, 62, 64, 65, 68, 77 and 87 are replaced, Items 115, 116 and 117 are added and Items 58 and 114 are deleted as attached.

To *Bid* book holders:

In the *Bid* book, pages 3, 4, 5, 6, 7, and 8 of the "Bid Item List" are replaced as attached. The attached Bid Item List is to be used in the bid.

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

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

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

Inform subcontractors and suppliers as necessary.

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

http://www.dot.ca.gov/hq/esc/oe/project_ads_addenda/11/11-406704

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,



LAURIE BERMAN
District Director

Replace "Reserved" in section 12-4.05B with:

Chart no. B1 Freeway/Expressway Lane Requirements																										
County: SD					Route/Direction: 5/NB										PM: R58.13 – R72.37											
Closure limits: Cockleburr OC to San Diego County Line																										
From hour to 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
Mondays through Thursdays		1	1	1	1	1																2	2	2	1	1
Fridays		1	1	1	1	1																3	3	2	2	1
Saturdays		1	1	1	1	1	1	2	2	3	3											3	3	2	2	2
Sundays		1	1	1	1	1	1	1	2	2	3											3	3	2	2	1

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

No lane closure allowed, shoulders may be closed

REMARKS:

1-Contractor and the Engineer shall coordinate the above closure with Camp Pendleton and the San Onofre Nuclear Generating Station

2-Contractor and the Engineer shall coordinate the above closure with Caltrans' D-12 DTM-TMC and the Public Affairs' Office

3-Contractor and the Engineer shall coordinate the above closure with the CHP officials at the Truck Scales Station and the US Customs Officials when working within 1 mile of the Truck Scales Station

**Chart no. B2
Freeway/Expressway Lane Requirements**

County: SD		Route/Direction: 5/SB										PM: R72.37 – R58.37													
Closure limits: San Diego County Line to Cook St. OC																									
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	2	2	1
Fri	1	1	1	1	1																3	3	3	2	2
Sat	1	1	1	1	1	1	2	2	3	3											3	3	3	2	2
Sun	1	1	1	1	1	1	1	1	2	3											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
 - No lane closure allowed, shoulders may be closed

REMARKS:

1-Contractor and the Engineer shall coordinate the above closure with Camp Pendleton and the San Onofre Nuclear Generating Station

2-Contractor and the Engineer shall coordinate the above closure with Caltrans' D-12 DTM-TMC and the Public Affairs' Office

3-Contractor and the Engineer shall coordinate the above closure with the CHP officials at the Truck Scales Station and the US Customs Officials when working within 1 mile of the Truck Scales Station

Replace "Reserved" in section 12-4.05E with:

Chart no. E1 Complete Ramp Closure Hours																															
County: SD	Route/Direction: 5/NB														PM: R59.318																
															R59.529																
	5/SB														R60.087																
															R59.831																
Closure limits: NB Off-ramp to Aliso Creek Rest Area																															
NB On-ramp from Aliso Creek Rest Area																															
SB Off-ramp to Aliso Creek Rest Area																															
SB On-ramp from Aliso Creek Rest Area																															
From hour to 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						
Mondays through Thursdays	C	C	C	C	C																					C	C	C	C	C	
Fridays	C	C	C	C	C																						C	C	C	C	C
Saturdays	C	C	C	C	C	C	C	C	C	C	C																C	C	C	C	C
Sundays	C	C	C	C	C	C	C	C	C	C	C	C															C	C	C	C	C
Legend:																															
<input type="checkbox"/> C Ramp may be closed completely																															
<input type="checkbox"/> No ramp closure allowed, shoulders may be closed																															
REMARKS:																															
Contractor and the Engineer shall coordinate with DTM and TMC (7) days before the activation of the closures for the above locations.																															
NOTE: When an Off-ramp is closed completely, place a PCMS (Portable Changeable Message Sign) in the direction of travel allowing the traffic the option to use the preceding Off-ramp and warning them of the ramp closure ahead.																															

Chart no. E2 Complete Ramp Closure Hours																									
County: SD	Route/Direction: 5/NB														PM: R61.946										
															R71.221										
															R72.149										
															R62.299										
															R71.537										
															R72.365										
Closure limits: NB Off-ramp to Las Pulgas																									
NB Off-ramp to Basilone Rd.																									
NB Off-ramp to Cristianitos Rd.																									
NB On-ramp from Las Pulgas																									
NB On-ramp from Basilone Rd.																									
NB On-ramp from Cristianitos Rd.																									
From hour to 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
Mondays through Thursdays	C	C	C	C	C																C	C	C	C	C
Fridays	C	C	C	C	C																C	C	C	C	C
Saturdays	C	C	C	C	C	C	C	C	C	C											C	C	C	C	C
Sundays	C	C	C	C	C	C	C	C	C	C	C										C	C	C	C	C
Legend:																									
<input type="checkbox"/> C Ramp may be closed completely																									
<input type="checkbox"/> No ramp closure allowed, shoulders may be closed																									
REMARKS:																									
1-Contractor and the Engineer shall coordinate the above closure with Camp Pendleton and the San Onofre Nuclear Generating Station																									
2-Contrator and the Engineer shall coordinate the above closure with Caltrans' D-12 DTM-TMC and Public Affairs' Office																									
NOTE: When an Off-ramp is closed completely, place a PCMS (Portable Changeable Message Sign) in the direction of travel allowing the traffic the option to use the preceding Off-ramp and warning them of the ramp closure ahead.																									

**Chart no. E3
Complete Ramp Closure Hours**

County: SD	Route/Direction: 5/SB	PM: R62.280
		R63.570
		R71.532
		R72.366
		R61.908
		R63.480
		R71.220
		R72.186

Closure limits: SB Off-ramp to Las Pulgas

SB Off-ramp to Vista Point

SB Off-ramp to Basilone Rd.

SB Off-ramp to Cristianitos Rd.

SB On-ramp from Las Pulgas

SB On-ramp from Vista Point

SB On-ramp from Basilone Rd.

SB On-ramp from Cristianitos Rd.

From hour to 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
Mondays through Thursdays	C	C	C	C	C																C	C	C	C	C
Fridays	C	C	C	C	C																C	C	C	C	C
Saturdays	C	C	C	C	C	C	C	C	C	C											C	C	C	C	C
Sundays	C	C	C	C	C	C	C	C	C	C	C										C	C	C	C	C

Legend:

C Ramp may be closed completely

No ramp closure allowed, shoulders may be closed

REMARKS:

1-Contractor and the Engineer shall coordinate the above closure with Camp Pendleton and the San Onofre Nuclear Generating Station

2-Contrator and the Engineer shall coordinate the above closure with Caltrans' D-12 DTM-TMC and Public Affairs' Office

NOTE: When an Off-ramp is closed completely, place a PCMS (Portable Changeable Message Sign) in the direction of travel allowing the traffic the option to use the preceding Off-ramp and warning them of the ramp closure ahead.

**Chart no. E4
Complete Ramp Closure Hours**

County: SD	Route/Direction: 5/NB	PM: R67.079																							
		R67.448																							
Closure limits: NB Off-ramp to Truck Scales																									
NB On-ramp from Truck Scales																									
From hour to 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
Mondays through Thursdays	C	C	C	C	C																C	C	C	C	C
Fridays	C	C	C	C	C																C	C	C	C	C
Saturdays	C	C	C	C	C	C	C	C	C	C											C	C	C	C	C
Sundays	C	C	C	C	C	C	C	C	C	C	C										C	C	C	C	C

Legend:

- C Ramp may be closed completely
- No ramp closure allowed, shoulders may be closed

REMARKS:

The above closure can be used for a maximum of (5) times only
Contractor and the Engineer shall coordinate the above closure with the CHP officials at the Truck Scales Station and the US Customs Officials when working within (2) miles of the Truck Scales Station

NOTE: When an Off-ramp is closed completely, place a PCMS (Portable Changeable Message Sign) in the direction of travel allowing the traffic the option to use the preceding Off-ramp and warning them of the ramp closure ahead.

Chart no. E5 Complete Ramp Closure Hours																										
County: SD	Route/Direction: 5/SB										PM: R67.412															
																			R67.042							
Closure limits: SB Off-ramp to Truck Scales																										
SB On-ramp from Truck Scales																										
From hour to 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	
Mondays through Thursdays	C	C	C	C	C																					
Fridays	C	C	C	C	C																					
Saturdays	C	C	C	C	C	C	C	C	C	C																
Sundays	C	C	C	C	C	C	C	C	C	C	C															
Legend:																										
<input type="checkbox"/> C Ramp may be closed completely																										
<input type="checkbox"/> No ramp closure allowed, shoulders may be closed																										
REMARKS:																										
The above closure can be used for a maximum of (5) times only This chart can't be used in conjunction with chart E4																										
Contractor and the Engineer shall coordinate the above closure with the CHP officials at the Truck Scales Station and the US Customs Officials when working within (2) miles of the Truck Scales Station																										
NOTE: When an Off-ramp is closed completely, place a PCMS (Portable Changeable Message Sign) in the direction of travel allowing the traffic the option to use the preceding Off-ramp and warning them of the ramp closure ahead.																										

**Replace section 12-4.05H with:
12-4.05H City Street Closures**

Chart no. H1 Road / City / Surface Street - Lane Requirements																										
County: SD	Route/Direction: EB/WB Basilone Rd. EB/WB Cristianitos Rd. EB/WB Las Pulgas Rd.												PM:													
Closure limits: At Rte. 5																										
From hour to 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	
Mondays through Thursdays	R	R	R	R	R																	R	R	R	R	R
Fridays	R	R	R	R	R																	R	R	R	R	R
Saturdays	R	R	R	R	R	R	R	R	R	R	R											R	R	R	R	R
Sundays	R	R	R	R	R	R	R	R	R	R	R											R	R	R	R	R
Legend:																										
R	Provide at least 1 through traffic lane, not less than 10 feet in width, for use by both directions of travel (Reversing Control)																									
	No lane closure allowed, shoulders may be closed																									
REMARKS:																										
1-Contractor and the Engineer shall coordinate the above closure with Camp Pendleton and the San Onofre Nuclear Generating Station																										
2-Contrator and the Engineer shall coordinate the above closure with Caltrans' D-12 DTM-TMC and Public Affairs' Office																										
NOTE: When Reverse Traffic Control is used.																										
1. Close one traffic lane and stop public traffic for periods not to exceed <u>ten minutes</u> .																										

BID ITEM LIST
11-406704

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
1	070030	LEAD COMPLIANCE PLAN	LS	LUMP SUM	LUMP SUM	
2	080050	PROGRESS SCHEDULE (CRITICAL PATH METHOD)	LS	LUMP SUM	LUMP SUM	
3	090100	TIME-RELATED OVERHEAD (WDAY)	WDAY	500		
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	153,000		
7	120199	TRAFFIC PLASTIC DRUM	EA	400		
8	120300	TEMPORARY PAVEMENT MARKER	EA	12,000		
9	128651	PORTABLE CHANGEABLE MESSAGE SIGN (EA)	EA	6		
10	129000	TEMPORARY RAILING (TYPE K)	LF	26,700		
11	129100	TEMPORARY CRASH CUSHION MODULE	EA	700		
12	026760	ARMORGUARD BARRIER SYSTEM	EA	4		
13	130100	JOB SITE MANAGEMENT	LS	LUMP SUM	LUMP SUM	
14	130300	PREPARE STORM WATER POLLUTION PREVENTIONPLAN	LS	LUMP SUM	LUMP SUM	
15	130330	STORM WATER ANNUAL REPORT	EA	3	2,000.00	6,000.00
16	130620	TEMPORARY DRAINAGE INLET PROTECTION	EA	63		
17	130640	TEMPORARY FIBER ROLL	LF	21,000		
18	130730	STREET SWEEPING	LS	LUMP SUM	LUMP SUM	
19	130900	TEMPORARY CONCRETE WASHOUT	LS	LUMP SUM	LUMP SUM	
20	141000	TEMPORARY FENCE (TYPE ESA)	LF	5,110		

BID ITEM LIST
11-406704

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
21	141120	TREATED WOOD WASTE	LB	213,000		
22	150662	REMOVE METAL BEAM GUARD RAILING	LF	18,600		
23	150665	REMOVE SINGLE METAL BEAM BARRIER	LF	250		
24	150667	REMOVE DOUBLE METAL BEAM BARRIER	LF	330		
25	150711	REMOVE PAINTED TRAFFIC STRIPE	LF	243,000		
26	150714	REMOVE THERMOPLASTIC TRAFFIC STRIPE	LF	25,500		
27	150715	REMOVE THERMOPLASTIC PAVEMENT MARKING	SQFT	440		
28	150771	REMOVE ASPHALT CONCRETE DIKE	LF	94,600		
29	150847	REMOVE CONCRETE PAVEMENT AND BASE	CY	29,700		
30	152390	RELOCATE ROADSIDE SIGN	EA	2		
31	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQYD	162,000		
32	153121	REMOVE CONCRETE (CY)	CY	30		
33	156590	REMOVE CRASH CUSHION (SAND FILLED)	EA	11		
34	160102	CLEARING AND GRUBBING (LS)	LS	LUMP SUM	LUMP SUM	
35	170101	DEVELOP WATER SUPPLY	LS	LUMP SUM	LUMP SUM	
36	190101	ROADWAY EXCAVATION	CY	27,600		
37	198011	IMPORTED BORROW (TON)	TON	28,400		
38	210250	EROSION CONTROL (BONDED FIBER MATRIX) (SQFT)	SQFT	454,000		
39	260203	CLASS 2 AGGREGATE BASE (CY)	CY	6,440		
40	280010	RAPID STRENGTH CONCRETE BASE	CY	8,140		

BID ITEM LIST
11-406704

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
41	280015	LEAN CONCRETE BASE RAPID SETTING	CY	4,830		
42	374002	ASPHALTIC EMULSION (FOG SEAL COAT)	TON	99		
43	390131	HOT MIX ASPHALT	TON	56,300		
44	390136	MINOR HOT MIX ASPHALT	TON	3,140		
45	390137	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	TON	1,920		
46	394050	RUMBLE STRIP	STA	1,020		
47	026761	SHOULDER RUMBLE STRIP (AC, GROUND-IN INDENTATIONS)	STA	1,390		
48	394073	PLACE HOT MIX ASPHALT DIKE (TYPE A)	LF	11,500		
49	394074	PLACE HOT MIX ASPHALT DIKE (TYPE C)	LF	1,480		
50	394075	PLACE HOT MIX ASPHALT DIKE (TYPE D)	LF	15,300		
51	394076	PLACE HOT MIX ASPHALT DIKE (TYPE E)	LF	65,900		
52	394077	PLACE HOT MIX ASPHALT DIKE (TYPE F)	LF	12,100		
53	394090	PLACE HOT MIX ASPHALT (MISCELLANEOUS AREA)	SQYD	750		
54	397005	TACK COAT	TON	110		
55	401055	JOINTED PLAIN CONCRETE PAVEMENT (RSC)	CY	21,800		
56	401083	SHOULDER RUMBLE STRIP (CONCRETE PAVEMENT, GROUND-IN INDENTATIONS)	STA	400		
57	404093	SEAL ISOLATION JOINT	LF	44,000		
58	BLANK					
59	410095	DOWEL BAR (DRILL AND BOND)	EA	5,280		
60	410103	DRILL HOLE (JACKING)	EA	310		

BID ITEM LIST
11-406704

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
61	410107	GROUT (JACKING)	TON	78		
62	411105	INDIVIDUAL SLAB REPLACEMENT (RSC)	CY	7,160		
63	413113	REPAIR SPALLED JOINTS, POLYESTER GROUT	SQYD	700		
64	413117	SEAL CONCRETE PAVEMENT JOINT (SILICONE)	LF	409,000		
65	420201	GRIND EXISTING CONCRETE PAVEMENT	SQYD	65,900		
66	510081	AGGREGATE BASE (APPROACH SLAB)	CY	72		
67	510087	STRUCTURAL CONCRETE, APPROACH SLAB (TYPE R)	CY	711		
68 (F)	510502	MINOR CONCRETE (MINOR STRUCTURE)	CY	92		
69	510800	PAVING NOTCH EXTENSION	CF	141		
70	511118	CLEAN EXPANSION JOINT	LF	362		
71	519081	JOINT SEAL (MR 1/2")	LF	112		
72	519091	JOINT SEAL (MR 1 1/2")	LF	760		
73	519100	JOINT SEAL (MR 2")	LF	156		
74	560248	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-UNFRAMED)	SQFT	110		
75	566011	ROADSIDE SIGN - ONE POST	EA	11		
76	568017	INSTALL ROADSIDE SIGN PANEL ON EXISTING POST	EA	6		
77	620100	18" ALTERNATIVE PIPE CULVERT	LF	1,250		
78	620140	24" ALTERNATIVE PIPE CULVERT	LF	3,760		
79	665117	18" BITUMINOUS COATED CORRUGATED STEEL PIPE (.079" THICK)	LF	7		
80	665123	24" BITUMINOUS COATED CORRUGATED STEEL PIPE (.079" THICK)	LF	14		

BID ITEM LIST
11-406704

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
81	680285	4" PLASTIC PIPE UNDERDRAIN	LF	650		
82	026763	4" PERFORATED PLASTIC PIPE UNDERDRAIN	LF	15,700		
83	026764	SYNTHETIC SUBSURFACE DRAINAGE LAYER	SQYD	22,200		
84	700617	DRAINAGE INLET MARKER	EA	3		
85	730070	DETECTABLE WARNING SURFACE	SQFT	100		
86	731502	MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION)	CY	37		
87 (F)	750001	MISCELLANEOUS IRON AND STEEL	LB	14,825		
88	820107	DELINEATOR (CLASS 1)	EA	260		
89	820118	GUARD RAILING DELINEATOR	EA	4,160		
90	832002	METAL BEAM GUARD RAILING (STEEL POST)	LF	17,800		
91	839303	SINGLE THRIE BEAM BARRIER (STEEL POST)	LF	75		
92	839312	DOUBLE THRIE BEAM BARRIER (STEEL POST)	LF	63		
93	839540	TRANSITION RAILING (TYPE STB)	EA	5		
94	839541	TRANSITION RAILING (TYPE WB)	EA	13		
95	839542	TRANSITION RAILING (TYPE DTB)	EA	7		
96	839581	END ANCHOR ASSEMBLY (TYPE SFT)	EA	26		
97	839584	ALTERNATIVE IN-LINE TERMINAL SYSTEM	EA	1		
98	839585	ALTERNATIVE FLARED TERMINAL SYSTEM	EA	31		
99	026765	ALTERNATIVE CRASH CUSHION SYSTEM	EA	1		
100	839701	CONCRETE BARRIER (TYPE 60)	LF	190		

BID ITEM LIST
11-406704

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
101	840516	THERMOPLASTIC PAVEMENT MARKING (ENHANCED WET NIGHT VISIBILITY)	SQFT	2,810		
102	840655	PAINT TRAFFIC STRIPE (1-COAT)	LF	199,000		
103	846001	4" THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY)	LF	318,000		
104	846004	4" THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY) (BROKEN 17-7)	LF	2,800		
105	846007	6" THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY)	LF	149,000		
106	846009	8" THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY)	LF	11,500		
107	846010	8" THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY) (BROKEN 12-3)	LF	2,200		
108	026766	6" THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY) (BROKEN 36-12)	LF	450,000		
109	850101	PAVEMENT MARKER (NON-REFLECTIVE)	EA	38,100		
110	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	15,600		
111	860090	MAINTAINING EXISTING TRAFFIC MANAGEMENT SYSTEM ELEMENTS DURING CONSTRUCTION	LS	LUMP SUM	LUMP SUM	
112	861204	WEIGH STATION BYPASS SYSTEM	LS	LUMP SUM	LUMP SUM	
113	026767	PULL BOX	EA	10		
114	BLANK					
115	703233	GRADED LINE DRAIN	LF	20		
116	707467	36" REINFORCED CONCRETE PIPE RISER	LF	5		
117	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

TOTAL BID:

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