

A d d e n d u m

Iowa Department of Transportation

Date of Letting: November 15, 2016

Office of Contracts

Date of Addendum: November 3, 2016

B.O.	Proposal ID	Proposal Work Type	County	Project Number	Addendum
104	78-0801-392	PCC PAVEMENT - GRADE & REPLACE	POTTAWATTAMIE	IM-029-3(82)52--13-78 IM-029-3(83)52--13-78 IM-NHS-080-1(392)0--03-78 IM-NHS-080-1(393)0--03-78 IM-NHS-080-1(394)0--03-78 IM-NHS-080-1(396)0--03-78	15NOV104A01

Replace the PROPOSAL with the attached document.

Changes to the Proposal include the following:

Site 04 for A+B Railroad Flaggers should be deleted.

Delete 2595-0005150 RR Protective Insurance in (394)

Delete DS-15040 FOR CONSTRUCTION WORK ON RAILROAD RIGHT-OF-WAY WITH A+B FOR BIDDING RAILROAD FLAGGERS (UNION PACIFIC RAILROAD)

Add the following items to (393) in the Proposal Schedule of Prices

2101-0850001	Clearing and Grubbing	Acre	0.5
2401-6750001	Removals, as per Plan	LS	1
2519-4200020	Removal and Reinstallation of Fence, Chain Link	LF	50
2599-9999005	Cabinet Footing, Furnish and Install, 36 inch x 24 inch x 17 inch	Each	4
2599-9999005	Cabinet, Furnish and Install, 36 inch x 24 inch x 17 inch, 120V	Each	1
2599-9999005	Cabinet, Furnish and Install, 36 inch x 24 inch x 17 inch, 120/240V	Each	3
2599-9999005	Handhole, Furnish and Install, Fiber Vault	Each	3
2599-9999005	Handhole, Furnish and Install, FOR27	Each	4
2599-9999005	Handhole, Furnish and Install, Type I	Each	6
2599-9999005	Power Connection	Each	4
2599-9999009	Cable, Furnish and Install, #3/0	LF	3855
2599-9999009	Cable, Furnish and Install, #2/0	LF	2700
2599-9999009	Cable, Furnish and Install, #2	LF	885
2599-9999009	Cable, Furnish and Install, #4	LF	1295
2599-9999009	Cable, Furnish and Install, #6	LF	410
2599-9999009	Cable, Furnish and Install, #8	LF	220
2599-9999009	Cable, Furnish and Install, #12	LF	5040
2599-9999009	Cable, Install Only, MVDS Comm	LF	2360
2599-9999009	Cable, Install Only, MVDS Power	LF	1180
2599-9999009	Conduit, Furnish and Bore, HDPE, 2 inch	LF	4715
2599-9999009	Conduit, Furnish and Plow, HDPE, 2 inch	LF	140
2599-9999009	Conduit, Furnish and Trench, HDPE, 2 inch	LF	1585

2599-9999009 Conduit, Furnish and Trench, HDPE, 3 inch LF 1045
2599-9999009 Pull Tape LF 315

The following items have been revised for (393):

Change the following items in the bid quantities:

2523-0000100 LIGHTING POLES – from 19 EA to 23 EA
2599-9999005 LIGHT POLE FOUNDATION EXTENDED ABOVE GRADE BEHIND
BARRIER RAIL – from 15 EA to 19 EA

Delete the following items:

Proposal line no. 1840 2590-0000020 PROJECT MANAGEMENT
Proposal line no. 1870 2599-9999005 RENOVATE LIGHT SOURCE

Add new items as follows:

Proposal line no. 1880 2599-9999005 REPLACE LUMINAIRE – 70 EA
Proposal line no. 1850 2599-9999005 INSTALL LIGHT POLES – 4 EA

Change proposal line no.1450 2599-9999016 ('STATION YARDS' ITEM) REINFORCED PCC PAVED
SHOULDER FOR 54 INCH CONCRETE BARRIER 492.800 ST-Y
to proposal line no. 1460 2599-9999018 ('SQUARE YARDS' ITEM) REINFORCED PCC PAVED
SHOULDER FOR 54 INCH CONCRETE BARRIER 492.800 SY

Add Proposal line no. 1450 2599-9999010 ('LUMP SUM' ITEM) PROGRESS SCHEDULING

Delete Proposal line no. 0880 2503-0110024 STORM SEWER GRAVITY MAIN, TRENCHED, 24 IN.
1,020.000 LF

Add Proposal line no. 0430 2599-9999010 ('LUMP SUM') DEWATERING

Change proposal line no. 0470 2102-0425070 SPECIAL BACKFILL 62,721.460 TON
To proposal line no. 0480 2102-0425071 SPECIAL BACKFILL 62,721.460 CY

Make the following changes to the plans:

Add note to Sheet M.3 in plans IM-NHS-080-1(392)0--03-78
All SW-549 Intake Tops are to be Cast-in-place.

Replace plan sheets C.1, C.2, C.3, P.2, and P.3 with attached for project
IM-NHS-080-1(393)0--03-78

Instruct bidders to change callout on Sheet P.4 of IM-NHS-080-1(393)0--03-78 for M704 to
50-15-15-(NOTE 1)-M704. The symbol is correct. The light pole has twin 15' luminaires.

For bidding information, see Preparation of Proposals in the
Standard Specifications for Highway and Bridge Construction.

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*                               Bid Order No.: 104                               *
* Proposal ID No.: 78-0801-392      Letting Date: November 15, 2016      *
*                               10:00 A.M.                               *
*   Type of Work: PCC PAVEMENT - GRADE & REPLACE                         *
*   Primary County: POTTAWATTAMIE      Design: ENGLISH                   *
*   DBE Goal: 3.0 %                     Std Spec Series: 2015             *
*   Pre-Qual Group: PCC PAVEMENT                                           *
*                                                                           *
* Contracting Authority: IOWA DEPARTMENT OF TRANSPORTATION               *
*   Proposal Guaranty: $ 1,500,000                                         *
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This Proposal Includes The Following Project(s):

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Project: IM-029-3(82)52--13-78      County: POTTAWATTAMIE
Work Type: BRIDGE NEW - STEEL GIRDER      Plans: Yes
Route: I-29      Design: ENGLISH
Location: E-W CONNECTOR, I-80/I-29 LOCAL ON TO WB I-80 (RAMP E)
OVER I-29 & RAMP A
Road System: INTERSTATE ROAD
Federal Aid - Predetermined Wages Are In Effect
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Project: IM-029-3(83)52--13-78      County: POTTAWATTAMIE
Work Type: BRIDGE NEW - STEEL GIRDER      Plans: Yes
Route: I-29      Design: ENGLISH
Location: N-E CONNECTOR, I-29 LOCAL ON TO EASTBOUND I-80 (RAMP F)
OVER I-80 & RAMP E
Road System: INTERSTATE ROAD
Federal Aid - Predetermined Wages Are In Effect
-----
Project: IM-NHS-080-1(392)0--03-78      County: POTTAWATTAMIE
Work Type: PCC PAVEMENT - GRADE & REPLACE      Plans: Yes & X-Sections
Route: I-80      Design: ENGLISH
Location: I-29/80 IN COUNCIL BLUFFS - I-80 EB FR. E. OF MISSOURI RIVER
TO E. OF INDIAN CR & I-29 SB FR. 24TH ST. TO N. OF US 275
Road System: INTERSTATE ROAD
Milepost: .3      To 2.8
Federal Aid - Predetermined Wages Are In Effect
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Project: IM-NHS-080-1(393)0--03-78      County: POTTAWATTAMIE
Work Type: LIGHTING      Plans: Yes
Route: I-80      Design: ENGLISH
Location: I-29/80 IN COUNCIL BLUFFS - I-80 EB FR E. OF MISSOURI RIVER
BRIDGE TO E OF INDIAN CR & I-29 SB FR 24TH ST TO INDIAN CR.
Road System: INTERSTATE ROAD
Federal Aid - Predetermined Wages Are In Effect
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Proposal ID No.: 78-0801-392

Bid Order No.: 104

Letting Date: November 15, 2016
10:00 A.M.

Type of Work: PCC PAVEMENT - GRADE & REPLACE

Project: IM-NHS-080-1(394)0--03-78 County: POTTAWATTAMIE
Work Type: TRAFFIC SIGNS Plans: Yes
Route: I-80 Design: ENGLISH
Location: I-29/80 IN COUNCIL BLUFFS - I-80 EB FR E OF MISSOURI RIVER
TO E. OF INDIAN CR & I-29 SB FR 24TH ST TO E. OF INDIAN CR.
Road System: INTERSTATE ROAD
Federal Aid - Predetermined Wages Are In Effect

- - - - -

Project: IM-NHS-080-1(396)2--03-78 County: POTTAWATTAMIE
Work Type: BRIDGE REPLACEMENT - PPCB Plans: Yes
Route: I-80 Design: ENGLISH
Location: I-29/80 IN COUNCIL BLUFFS - I-29 SB OVER INDIAN CREEK
Road System: INTERSTATE ROAD
Federal Aid - Predetermined Wages Are In Effect

- - - - -

Page: 3

Proposal ID No.:	78-0801-392	Bid Order No.:	104
Primary Work Type:	PCC PAVEMENT - GRADE & REPLACE	Letting Date:	November 15, 2016
			10:00 A.M.

Site Number	Contract Period/ Site Description	Liquidated Damages
CONTRACT	COMPLETION DATE: 11/01/18	\$ 3,000.00
01	COMPLETION DATE: 11/01/17 STAGE 2B TRAFFIC FOR 24TH ST RAMP D	\$ 3,000.00
02	SPECIFIED START DATE: 10/02/17 150 CALENDAR DAYS .	\$ 3,000.00
03	COMPLETION DATE: 08/15/18 STAGE 3 TRAFFIC	\$ 3,000.00

SHIFT 24TH STREET RAMP D TRAFFIC TO NEWLY CONSTRUCTED
PAVEMENT AND USE STAGE 2B CROSSOVER AS LAID OUT ON SHEETS
J.44 - J.46 IN IM-NHS-080-1(392)0--03-78.

FOR PLACEMENT OF REVETMENT, CLASS E IN THE INDIAN CREEK
CHANNEL. SEE SHEETS 33 - 34 IN
IM-NHS-080-1(396)2--03-78.

SHIFT EASTBOUND I-80 TRAFFIC TO NEWLY CONSTRUCTED PERMANENT
EASTBOUND I-80 AND WIDENING OF DET 301203
OPEN NEW WEST SYSTEM INTERCHANGE RAMP B (24TH STREET EXIT).

CLOSURE OF THE INDIAN CREEK TRAIL SHALL BE NO LONGER THAN A CUMULATIVE 4 MONTHS OVER TWO CLOSURE PERIODS.

INTERSTATE SEGMENTS AND SYSTEM INTERCHANGE RAMPS WILL NOT BE
PERMITTED TO BE CLOSED OUTSIDE OF THE TIMES NOTED ON SHEET
J.1.

PROPOSAL SCHEDULE OF PRICES

Page: 1

Bid Order No.: 104

Proposal ID No.: 78-0801-392
 Primary Work Type: PCC PAVEMENT - GRADE & REPLACE
 Primary County: POTTAWATTAMIE

Letting Date: November 15, 2016
 10:00 A.M.

Line No	Item Number Item Description	Item Quantity and Unit	Unit Price Dollars Cts	Bid Amount Dollars Cts
Section 0001 DESIGN NO. 1012;914'-0 X 42' CONTINUOUS WELDED GIRDER BRIDGE IM-029-3(82)52--13-78				
0010	2402-2720000 EXCAVATION, CLASS 20	1,280.000 CY	.	.
0020	2403-0100010 STRUCTURAL CONCRETE (BRIDGE)	631.600 CY	.	.
0030	2403-7000210 HIGH PERFORMANCE STRUCTURAL CONCRETE	1,310.500 CY	.	.
0040	2404-7775000 REINFORCING STEEL	120,728.000 LB	.	.
0050	2404-7775005 REINFORCING STEEL, EPOXY COATED	476,867.000 LB	.	.
0060	2404-7775009 REINFORCING STEEL, STAINLESS STEEL	13,152.000 LB	.	.
0070	2408-7800000 STRUCTURAL STEEL	1,876,097 LB	.	.
0080	2413-1200000 STEEL EXTRUSION JOINT WITH NEOPRENE	44.000 LF	.	.
0090	2413-1200100 NEOPRENE GLAND INSTALLATION AND TESTING	44.000 LF	.	.
0100	2414-6424119 CONCRETE BARRIER RAILING, AESTHETIC	1,907.900 LF	.	.

PROPOSAL SCHEDULE OF PRICES

Page: 2

Bid Order No.: 104

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Letting Date: November 15, 2016
 10:00 A.M.

Line No	Item Number Item Description	Item Quantity and Unit	Unit Price Dollars Cts	Bid Amount Dollars Cts
0110	2434-0000100 DISC BEARING ASSEMBLIES	30.000 EACH	.	.
0120	2499-2300001 DECK DRAINS	LUMP	LUMP	.
0130	2499-9000000 MODULAR EXPANSION JOINT ASSEMBLY	44.000 LF	.	.
0140	2499-9000100 MODULAR EXPANSION JOINT ASSEMBLY LEAK TESTING	1.000 EACH	.	.
0150	2501-0201274 PILES, STEEL, HP 12 X 74	4,600.000 LF	.	.
0160	2501-0201489 PILES, STEEL, HP 14 X 89	8,500.000 LF	.	.
0170	2507-2638620 MACADAM STONE SLOPE PROTECTION	357.000 SY	.	.
0180	2507-2638660 BRIDGE WING ARMORING - MACADAM STONE	34.000 SY	.	.
0190	2526-8285000 CONSTRUCTION SURVEY	LUMP	LUMP	.
0200	2533-4980005 MOBILIZATION	LUMP	LUMP	.
	SECTION 0001 TOTAL			.
Section 0002 ROADWAY ITEMS				
IM-029-3(82)52--13-78				

PROPOSAL SCHEDULE OF PRICES

Page: 3

Bid Order No.: 104

Proposal ID No.: 78-0801-392
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 Primary County: POTTAWATTAMIE

Letting Date: November 15, 2016
 10:00 A.M.

Line No	Item Number Item Description	Item Quantity and Unit	Unit Price Dollars Cts		Bid Amount Dollars Cts	
0210	2301-0690203 BRIDGE APPROACH, BR-203	451.900 SY		.		.
0220	2412-0000100 LONGITUDINAL GROOVING IN CONCRETE	4,333.900 SY		.		.
	SECTION 0002 TOTAL					.
Section 0003 DESIGN NO. 0912;1070'-0 X 42'-0 CONTINUOUS WELDED GRIDER BRIDGE IM-029-3(83)52--13-78						
0230	2402-2720000 EXCAVATION, CLASS 20	1,732.000 CY		.		.
0240	2403-0100010 STRUCTURAL CONCRETE (BRIDGE)	1,071.900 CY		.		.
0250	2403-7000210 HIGH PERFORMANCE STRUCTURAL CONCRETE	1,610.800 CY		.		.
0260	2404-7775000 REINFORCING STEEL	211,894.000 LB		.		.
0270	2404-7775005 REINFORCING STEEL, EPOXY COATED	588,707.000 LB		.		.
0280	2404-7775009 REINFORCING STEEL, STAINLESS STEEL	15,291.000 LB		.		.
0290	2408-7800000 STRUCTURAL STEEL	2,594,546 LB		.		.

PROPOSAL SCHEDULE OF PRICES

Page: 4

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Letting Date: November 15, 2016
 10:00 A.M.

Line No	Item Number Item Description	Item Quantity and Unit	Unit Price		Bid Amount	
			Dollars	Cts	Dollars	Cts
0300	2414-6424119 CONCRETE BARRIER RAILING, AESTHETIC	2,228.600 LF	.		.	
0310	2434-0000100 DISC BEARING ASSEMBLIES	25.000 EACH	.		.	
0320	2499-2300001 DECK DRAINS	LUMP	LUMP		.	
0330	2499-9000000 MODULAR EXPANSION JOINT ASSEMBLY	88.000 LF	.		.	
0340	2499-9000100 MODULAR EXPANSION JOINT ASSEMBLY LEAK TESTING	2.000 EACH	.		.	
0350	2501-0201274 PILES, STEEL, HP 12 X 74	4,945.000 LF	.		.	
0360	2501-0201502 PILES, STEEL, HP 14 X 102	8,085.000 LF	.		.	
0370	2507-2638620 MACADAM STONE SLOPE PROTECTION	631.000 SY	.		.	
0380	2507-2638660 BRIDGE WING ARMORING - MACADAM STONE	38.900 SY	.		.	
0390	2526-8285000 CONSTRUCTION SURVEY	LUMP	LUMP		.	
0400	2533-4980005 MOBILIZATION	LUMP	LUMP		.	

PROPOSAL SCHEDULE OF PRICES

Page: 5

Bid Order No.: 104

Proposal ID No.: 78-0801-392
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 Primary County: POTTAWATTAMIE

Letting Date: November 15, 2016
 10:00 A.M.

Line No	Item Number Item Description	Item Quantity and Unit	Unit Price Dollars Cts	Bid Amount Dollars Cts
0410	2599-9999003 ('CUBIC YARDS' ITEM) SHRINKAGE COMPENSATING STRUCTURAL CONC	106.000 CY	.	.
0420	2599-9999008 ('POUNDS' ITEM) POST-TENSIONING TENDONS	4,641.000 LB	.	.
0430	2599-9999010 ('LUMP SUM' ITEM) DEWATERING	LUMP	LUMP	.
	SECTION 0003 TOTAL			.
Section 0004 ROADWAY ITEMS IM-029-3(83)52--13-78				
0440	2301-0690203 BRIDGE APPROACH, BR-203	449.200 SY	.	.
0450	2412-0000100 LONGITUDINAL GROOVING IN CONCRETE	4,987.000 SY	.	.
	SECTION 0004 TOTAL			.
Section 0005 ROADWAY ITEMS IM-NHS-080-1(392)0--03-78				
0460	2101-0850001 CLEARING AND GRUBBING	1.500 ACRE	.	.
0470	2101-0850002 CLEARING AND GRUBBING	49.600 UNIT	.	.

PROPOSAL SCHEDULE OF PRICES

Page: 6

Bid Order No.: 104

Proposal ID No.: 78-0801-392
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 10:00 A.M.

Line No	Item Number Item Description	Item Quantity and Unit	Unit Price		Bid Amount	
			Dollars	Cts	Dollars	Cts
0480	2102-0425071 SPECIAL BACKFILL	62,721.640 CY	.		.	
0490	2102-2625001 EMBANKMENT-IN-PLACE, CONTRACTOR FURNISHED	235.000 CY	.		.	
0500	2102-2710070 EXCAVATION, CLASS 10, ROADWAY AND BORROW	91,607.000 CY	.		.	
0510	2102-2712015 EXCAVATION, CLASS 12, BOULDERS OR ROCK FRAGMENTS	50.000 CY	.		.	
0520	2105-8425015 TOPSOIL, STRIP, SALVAGE AND SPREAD	25,341.400 CY	.		.	
0530	2105-8425020 TOPSOIL, STRIP AND STOCKPILE	13,072.600 CY	.		.	
0540	2107-0875100 COMPACTION WITH MOISTURE CONTROL	78,996.000 CY	.		.	
0550	2107-3825025 GRANULAR MATERIAL FOR BLANKET AND SUBDRAIN	785.000 CY	.		.	
0560	2111-8174100 GRANULAR SUBBASE	161,975.600 SY	.		.	
0570	2113-0001100 SUBGRADE STABILIZATION MATERIAL, POLYMER GRID	154,604.400 SY	.		.	
0580	2115-0100000 MODIFIED SUBBASE	1,319.000 CY	.		.	

PROPOSAL SCHEDULE OF PRICES

Page: 7

Bid Order No.: 104

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 10:00 A.M.

Line No	Item Number Item Description	Item Quantity and Unit	Unit Price Dollars Cts	Bid Amount Dollars Cts
0590	2122-5191005 REINFORCED PAVED SHOULDER FOR CONCRETE BARRIER	27.200 SY	.	.
0600	2123-7450000 SHOULDER CONSTRUCTION, EARTH	330.500 STA	.	.
0610	2123-7450020 SHOULDER FINISHING, EARTH	4.600 STA	.	.
0620	2301-1004100 STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, QM-C, CLASS 3I DURABILITY, 10 IN.	3,302.100 SY	.	.
0630	2301-1004115 STANDARD OR SLIP-FORM PORTLAND CEMENT CONCRETE PAVEMENT, QM-C, CLASS 3I DURABILITY, 11.5 IN.	149,489.200 SY	.	.
0640	2301-1004120 STANDARD OR SLIP-FORM PORTLAND CEMENT CONCRETE PAVEMENT, QM-C, CLASS 3I DURABILITY, 12 IN.	4,090.750 SY	.	.
0650	2304-0100000 DETOUR PAVEMENT	26,307.700 SY	.	.
0660	2401-6745830 REMOVAL OF P.C. CONCRETE MEDIAN BARRIER	58.240 LF	.	.
0670	2402-0425031 GRANULAR BACKFILL	11,929.600 TON	.	.

PROPOSAL SCHEDULE OF PRICES

Page: 8

Bid Order No.: 104

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Line No	Item Number Item Description	Item Quantity and Unit	Unit Price		Bid Amount	
			Dollars	Cts	Dollars	Cts
0680	2402-0425040 FLOODED BACKFILL	131.100 CY	.		.	
0690	2402-2720100 EXCAVATION, CLASS 20, FOR ROADWAY PIPE CULVERT	135.800 CY	.		.	
0700	2416-0100024 APRONS, CONCRETE, 24 IN. DIA.	4.000 EACH	.		.	
0710	2416-0100027 APRONS, CONCRETE, 27 IN. DIA.	1.000 EACH	.		.	
0720	2416-0100030 APRONS, CONCRETE, 30 IN. DIA.	1.000 EACH	.		.	
0730	2416-0100036 APRONS, CONCRETE, 36 IN. DIA.	1.000 EACH	.		.	
0740	2416-0100048 APRONS, CONCRETE, 48 IN. DIA.	1.000 EACH	.		.	
0750	2416-0101036 REMOVE AND REINSTALL CONCRETE PIPE APRONS LESS THAN OR EQUAL TO 36 IN.	3.000 EACH	.		.	
0760	2416-0102224 APRON, LOW CLEARANCE CONCRETE, EQUIVALENT DIAMETER 24 IN.	1.000 EACH	.		.	
0770	2416-0102230 APRON, LOW CLEARANCE CONCRETE, EQUIVALENT DIAMETER 30 IN.	2.000 EACH	.		.	

PROPOSAL SCHEDULE OF PRICES

Page: 9

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10:00 A.M.

Line No	Item Number Item Description	Item Quantity and Unit	Unit Price		Bid Amount	
			Dollars	Cts	Dollars	Cts
0780	2416-1180024 CULVERT, CONCRETE ROADWAY PIPE, 24 IN. DIA.	6.000 LF	.		.	
0790	2416-1180036 CULVERT, CONCRETE ROADWAY PIPE, 36 IN. DIA.	40.000 LF	.		.	
0800	2416-1180048 CULVERT, CONCRETE ROADWAY PIPE, 48 IN. DIA.	42.000 LF	.		.	
0810	2435-0140148 MANHOLE, STORM SEWER, SW-401, 48 IN.	1.000 EACH	.		.	
0820	2435-0251100 INTAKE, SW-511	2.000 EACH	.		.	
0830	2435-0254900 BARRIER INTAKE, SW-549	64.000 EACH	.		.	
0840	2435-0254904 BARRIER INTAKE, SW-549, TOP ONLY	35.000 EACH	.		.	
0850	2435-0256200 INTAKE, SW-562	1.000 EACH	.		.	
0860	2502-8212034 SUBDRAIN, LONGITUDINAL, (SHOULDER) 4 IN. DIA.	35,480.000 LF	.		.	
0870	2502-8221303 SUBDRAIN OUTLET, DR-303	177.000 EACH	.		.	
0880	2502-8221304 SUBDRAIN OUTLET, DR-304	77.000 EACH	.		.	

PROPOSAL SCHEDULE OF PRICES

Page: 10

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Line No	Item Number Item Description	Item Quantity and Unit	Unit Price		Bid Amount	
			Dollars	Cts	Dollars	Cts
0890	2503-0114218 STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 18 IN.	106.000 LF				
			.		.	
0900	2503-0114224 STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 24 IN.	945.000 LF				
			.		.	
0910	2503-0114227 STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 27 IN.	43.000 LF				
			.		.	
0920	2503-0114230 STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 30 IN.	253.000 LF				
			.		.	
0930	2503-0116324 STORM SEWER GRAVITY MAIN, TRENCHED, 2000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 24 IN.	973.000 LF				
			.		.	
0940	2503-0116330 STORM SEWER GRAVITY MAIN, TRENCHED, 2000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 30 IN.	193.000 LF				
			.		.	

PROPOSAL SCHEDULE OF PRICES

Page: 11

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Line No	Item Number Item Description	Item Quantity and Unit	Unit Price		Bid Amount	
			Dollars	Cts	Dollars	Cts
0950	2503-0200036 REMOVE STORM SEWER PIPE LESS THAN OR EQUAL TO 36 IN.	994.000 LF	.		.	
0960	2503-0200341 STORM SEWER ABANDONMENT, FILL AND PLUG, LESS THAN OR EQUAL TO 36 IN. DIA.	154.000 LF	.		.	
0970	2503-0500402 BRIDGE END DRAIN, DR-402	6.000 EACH	.		.	
0980	2505-4008120 REMOVAL OF STEEL BEAM GUARDRAIL	381.700 LF	.		.	
0990	2505-4008300 STEEL BEAM GUARDRAIL	262.500 LF	.		.	
1000	2505-4008410 STEEL BEAM GUARDRAIL BARRIER TRANSITION SECTION, BA-201	5.000 EACH	.		.	
1010	2505-4021010 STEEL BEAM GUARDRAIL END ANCHOR, BOLTED	5.000 EACH	.		.	
1020	2505-4021720 STEEL BEAM GUARDRAIL TANGENT END TERMINAL, BA-205	5.000 EACH	.		.	
1030	2506-4984000 FLOWABLE MORTAR	41.000 CY	.		.	
1040	2507-3250005 ENGINEERING FABRIC	611.400 SY	.		.	

PROPOSAL SCHEDULE OF PRICES

Page: 12

Bid Order No.: 104

Proposal ID No.: 78-0801-392
 Primary Work Type: PCC PAVEMENT - GRADE & REPLACE
 Primary County: POTTAWATTAMIE

Letting Date: November 15, 2016
 10:00 A.M.

Line No	Item Number Item Description	Item Quantity and Unit	Unit Price Dollars Cts	Bid Amount Dollars Cts
1050	2507-6800061 REVTMENT, CLASS E	218.000 TON	.	.
1060	2507-8029000 EROSION STONE	198.200 TON	.	.
1070	2510-6745850 REMOVAL OF PAVEMENT	92,329.900 SY	.	.
1080	2510-6750600 REMOVAL OF INTAKES AND UTILITY ACCESSES	15.000 EACH	.	.
1090	2511-0300000 REMOVAL OF RECREATIONAL TRAIL	351.800 SY	.	.
1100	2511-0302600 RECREATIONAL TRAIL, PORTLAND CEMENT CONCRETE, 6 IN.	552.900 SY	.	.
1110	2511-0310100 SPECIAL COMPACTION OF SUBGRADE FOR RECREATIONAL TRAIL	3.170 STA	.	.
1120	2513-0001011 CONCRETE BARRIER, BA-101	2.000 EACH	.	.
1130	2513-0001020 CONCRETE BARRIER, BA-102	31,688.100 LF	.	.
1140	2513-0001050 CONCRETE BARRIER, BA-105	4.000 EACH	.	.

PROPOSAL SCHEDULE OF PRICES

Page: 13

Bid Order No.: 104

Proposal ID No.: 78-0801-392
 Primary Work Type: PCC PAVEMENT - GRADE & REPLACE
 Primary County: POTTAWATTAMIE

Letting Date: November 15, 2016
 10:00 A.M.

Line No	Item Number Item Description	Item Quantity and Unit	Unit Price Dollars Cts		Bid Amount Dollars Cts	
1150	2513-0474990 CONCRETE BARRIER, REINFORCED, AS PER PLAN	253.200 LF		.		.
1160	2513-0475000 CONCRETE BARRIER TRANSITION SECTION 44 INCH TO 54 INCH	12.000 EACH		.		.
1170	2516-8725000 P.C. CONCRETE RETAINING WALL	2.600 CY		.		.
1180	2518-6910000 SAFETY CLOSURE	11.000 EACH		.		.
1190	2519-1001000 FENCE, CHAIN LINK, VINYL COATED	129.100 LF		.		.
1200	2519-3711600 GATE ASSEMBLY, CHAIN LINK, 16 FT.	2.000 EACH		.		.
1210	2519-4200020 REMOVAL AND REINSTALLATION OF FENCE, CHAIN LINK	93.600 LF		.		.
1220	2519-4200120 REMOVAL OF FENCE, CHAIN LINK	266.800 LF		.		.
1230	2526-8285000 CONSTRUCTION SURVEY	LUMP	LUMP			.
1240	2527-9263109 PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED	2,257.080 STA		.		.

PROPOSAL SCHEDULE OF PRICES

Page: 14

Bid Order No.: 104

Proposal ID No.: 78-0801-392
 Primary Work Type: PCC PAVEMENT - GRADE & REPLACE
 Primary County: POTTAWATTAMIE

Letting Date: November 15, 2016
 10:00 A.M.

Line No	Item Number Item Description	Item Quantity and Unit	Unit Price ----- Dollars Cts		Bid Amount ----- Dollars Cts	
1250	2527-9263112 PAINTED PAVEMENT MARKINGS, HIGH-BUILD WATERBORNE	24.340 STA		.		.
1260	2527-9263137 PAINTED SYMBOLS AND LEGENDS, WATERBORNE OR SOLVENT-BASED	4.000 EACH		.		.
1270	2527-9263138 PAINTED SYMBOLS AND LEGENDS, HIGH-BUILD WATERBORNE	3.000 EACH		.		.
1280	2527-9263180 PAVEMENT MARKINGS REMOVED	1,025.200 STA		.		.
1290	2527-9263190 SYMBOLS AND LEGENDS REMOVED	4.000 EACH		.		.
1300	2528-3800000 MODULAR GLARE SCREEN SYSTEM	29,028.000 LF		.		.
1310	2528-8400048 TEMPORARY BARRIER RAIL, CONCRETE	29,028.000 LF		.		.
1320	2528-8400055 TEMPORARY TO PERMANENT BARRIER CONNECTION	5.000 EACH		.		.
1330	2528-8445110 TRAFFIC CONTROL	LUMP	LUMP			.
1340	2528-9290050 PORTABLE DYNAMIC MESSAGE SIGN (PDMS)	425.000 CDAY		.		.

PROPOSAL SCHEDULE OF PRICES

Page: 15

Bid Order No.: 104

Proposal ID No.: 78-0801-392
 Primary Work Type: PCC PAVEMENT - GRADE & REPLACE
 Primary County: POTTAWATTAMIE

Letting Date: November 15, 2016
 10:00 A.M.

Line No	Item Number Item Description	Item Quantity and Unit	Unit Price Dollars Cts	Bid Amount Dollars Cts
1350	2533-4980005 MOBILIZATION	LUMP	LUMP	.
1360	2551-0000110 TEMP CRASH CUSHION	12.000 EACH	.	.
1370	2551-0000130 TEMP CRASH CUSHION, SEVERE USE (SU)	10.000 EACH	.	.
1380	2551-0000230 PERMANENT CRASH CUSHION, SEVERE USE (SU)	2.000 EACH	.	.
1390	2551-0000300 PERMANENT CRASH CUSHION SPARE PARTS KIT	2.000 EACH	.	.
1400	2590-0000020 PROJECT MANAGEMENT	LUMP	LUMP	.
1410	2599-9999005 ('EACH' ITEM) 32 INCH to 44 INCH CONCRETE BARRIER TRANSITION SECTION BA-105 MODIFIED	4.000 EACH	.	.
1420	2599-9999005 ('EACH' ITEM) BARRIER GATE VG3000	1.000 EACH	.	.
1430	2599-9999005 ('EACH' ITEM) BARRIER GATE VG4000	1.000 EACH	.	.
1440	2599-9999005 ('EACH' ITEM) CRASH CUSHION BLOCK	2.000 EACH	.	.

PROPOSAL SCHEDULE OF PRICES

Page: 16

Bid Order No.: 104

Proposal ID No.: 78-0801-392
 Primary Work Type: PCC PAVEMENT - GRADE & REPLACE
 Primary County: POTTAWATTAMIE

Letting Date: November 15, 2016
 10:00 A.M.

Line No	Item Number Item Description	Item Quantity and Unit	Unit Price Dollars Cts	Bid Amount Dollars Cts
1450	2599-9999010 ('LUMP SUM' ITEM) PROGRESS SCHEDULING	LUMP	LUMP	.
1460	2599-9999018 ('SQUARE YARDS' ITEM) REINFORCED PCC PAVED SHOULDER FOR 54 INCH CONCRETE BARRIER	492.800 SY	.	.
1470	2599-9999020 ('TONS' ITEM) CRUSHED LIMESTONE	1,913.840 TON	.	.
1480	2601-2633100 MOWING	51.060 ACRE	.	.
1490	2601-2634100 MULCHING	23.530 ACRE	.	.
1500	2601-2636043 SEEDING AND FERTILIZING (RURAL)	19.830 ACRE	.	.
1510	2601-2636060 SALT TOLERANT SEEDING	3.890 ACRE	.	.
1520	2601-2642100 STABILIZING CROP - SEEDING AND FERTILIZING	23.500 ACRE	.	.
1530	2602-0000020 SILT FENCE	15,097.500 LF	.	.
1540	2602-0000030 SILT FENCE FOR DITCH CHECKS	4,604.400 LF	.	.

PROPOSAL SCHEDULE OF PRICES

Page: 17

Bid Order No.: 104

Proposal ID No.: 78-0801-392
 Primary Work Type: PCC PAVEMENT - GRADE & REPLACE
 Primary County: POTTAWATTAMIE

Letting Date: November 15, 2016
 10:00 A.M.

Line No	Item Number Item Description	Item Quantity and Unit	Unit Price ----- Dollars Cts		Bid Amount ----- Dollars Cts	
1550	2602-0000050 SILT BASINS	38.000 EACH		.		.
1560	2602-0000071 REMOVAL OF SILT FENCE OR SILT FENCE FOR DITCH CHECKS	19,701.900 LF		.		.
1570	2602-0000080 REMOVAL OF SILT BASINS	38.000 EACH		.		.
1580	2602-0000101 MAINTENANCE OF SILT FENCE OR SILT FENCE FOR DITCH CHECK	1,970.190 LF		.		.
1590	2602-0000130 TEMPORARY SEDIMENT CONTROL BASIN	1.000 EACH		.		.
1600	2602-0000135 REMOVAL OF TEMPORARY SEDIMENT CONTROL BASIN	1.000 EACH		.		.
1610	2602-0000140 MAINTENANCE OF TEMPORARY SEDIMENT CONTROL BASIN	3.000 EACH		.		.
1620	2602-0000150 STABILIZED CONSTRUCTION ENTRANCE	1,000.000 LF		.		.
1630	2602-0000212 FLOATING SILT CURTAIN (HANGING)	500.000 LF		.		.
1640	2602-0000240 MAINTENANCE OF FLOATING SILT CURTAIN	250.000 LF		.		.

PROPOSAL SCHEDULE OF PRICES

Page: 18

Bid Order No.: 104

Proposal ID No.: 78-0801-392
 Primary Work Type: PCC PAVEMENT - GRADE & REPLACE
 Primary County: POTTAWATTAMIE

Letting Date: November 15, 2016
 10:00 A.M.

Line No	Item Number Item Description	Item Quantity and Unit	Unit Price Dollars Cts		Bid Amount Dollars Cts	
1650	2602-0000309 PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 9 IN. DIA.	200.000 LF		.		.
1660	2602-0000312 PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 12 IN. DIA.	1,000.000 LF		.		.
1670	2602-0000320 PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 20 IN. DIA.	1,000.000 LF		.		.
1680	2602-0000350 REMOVAL OF PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE	2,200.000 LF		.		.
1690	2602-0010010 MOBILIZATIONS, EROSION CONTROL	1.000 EACH	500.00000		500.00	
1700	2602-0010020 MOBILIZATIONS, EMERGENCY EROSION CONTROL	1.000 EACH	1,000.00000		1,000.00	
	SECTION 0005 TOTAL					.
Section 0006 PAYMENT INCENTIVE ITEMS IM-NHS-080-1(392)0--03-78						
1710	2301-7000110 PAYMENT ADJUSTMENT INCENTIVE/DISINCENTIVE FOR PCC PAVEMENT THICKNESS (BY SCHEDULE)	140,000.000 EACH	1.00000		140,000.00	

PROPOSAL SCHEDULE OF PRICES

Page: 19

Bid Order No.: 104

Proposal ID No.: 78-0801-392
 Primary Work Type: PCC PAVEMENT - GRADE & REPLACE
 Primary County: POTTAWATTAMIE

Letting Date: November 15, 2016
 10:00 A.M.

Line No	Item Number Item Description	Item Quantity and Unit	Unit Price Dollars Cts		Bid Amount Dollars Cts	
1720	2317-7000110 PAYMENT ADJUSTMENT INCENTIVE/DISINCENTIVE FOR PCC PAVEMENT SMOOTHNESS (BY SCHEDULE)	120,000.000 EACH	1.00000		120,000.00	
	SECTION 0006 TOTAL					.
Section 0007 LIGHTING ITEMS IM-NHS-080-1(393)0--03-78						
1730	2401-6745356 REMOVAL OF CONCRETE FOOTINGS OF LIGHT POLES	50.000 EACH	.		.	
1740	2401-6745765 REMOVAL OF LIGHT POLES	46.000 EACH	.		.	
1750	2401-6750001 REMOVALS, AS PER PLAN	LUMP	LUMP		.	
1760	2523-0000100 LIGHTING POLES	23.000 EACH	.		.	
1770	2523-0000200 ELECTRICAL CIRCUITS	13,184.000 LF	.		.	
1780	2523-0000310 HANDHOLES AND JUNCTION BOXES	29.000 EACH	.		.	
1790	2523-0000400 CONTROL CABINET	2.000 EACH	.		.	

Page: 20

Proposal ID No.: 78-0801-392 Letting Date: November 15, 2016
Primary Work Type: PCC PAVEMENT - GRADE & REPLACE 10:00 A.M.
Primary County: POTTAWATTAMIE

Line No	Item Number Item Description	Item Quantity and Unit	Unit Price		Bid Amount	
			Dollars	Cts	Dollars	Cts
1800	2523-0000510 UNDERDECK LIGHTING (LI-120)	14.000 EACH		.		.
1810	2526-8285000 CONSTRUCTION SURVEY	LUMP	LUMP			.
1820	2528-8400157 TEMPORARY FLOODLIGHTING LUMINAIRE	23.000 EACH		.		.
1830	2528-8445110 TRAFFIC CONTROL	LUMP	LUMP			.
1840	2533-4980005 MOBILIZATION	LUMP	LUMP			.
1850	2599-9999005 ('EACH' ITEM) INSTALL LIGHT POLES	4.000 EACH		.		.
1860	2599-9999005 ('EACH' ITEM) LIGHT POLE FOUNDATION EXTENDED ABOVE GRADE BEHIND BARRIER RAIL	19.000 EACH		.		.
1870	2599-9999005 ('EACH' ITEM) MODIFY CONTROL CABINET	2.000 EACH		.		.
1880	2599-9999005 ('EACH' ITEM) REPLACE LUMINARE	70.000 EACH		.		.
	SECTION 0007 TOTAL					.
Section 0008 ITS ITEMS IM-NHS-080-1(393)0--03-78						

PROPOSAL SCHEDULE OF PRICES

Page: 21

Bid Order No.: 104

Proposal ID No.: 78-0801-392
 Primary Work Type: PCC PAVEMENT - GRADE & REPLACE
 Primary County: POTTAWATTAMIE

Letting Date: November 15, 2016
 10:00 A.M.

Line No	Item Number Item Description	Item Quantity and Unit	Unit Price Dollars Cts	Bid Amount Dollars Cts
1890	2101-0850001 CLEARING AND GRUBBING	0.500 ACRE	.	.
1900	2401-6750001 REMOVALS, AS PER PLAN	LUMP	LUMP	.
1910	2519-4200020 REMOVAL AND REINSTALLATION OF FENCE, CHAIN LINK	50.000 LF	.	.
1920	2599-9999005 ('EACH' ITEM) CABINET FOOTING, FURNISH AND INSTALL, 36 INCH X 24 INCH X 17 INCH	4.000 EACH	.	.
1930	2599-9999005 ('EACH' ITEM) CABINET, FURNISH AND INSTALL, 36 INCH X 24 INCH X 17 INCH, 120/240V	3.000 EACH	.	.
1940	2599-9999005 ('EACH' ITEM) CABINET, FURNISH AND INSTALL, 36 INCH X 24 INCH X 17 INCH, 120V	1.000 EACH	.	.
1950	2599-9999005 ('EACH' ITEM) HANDHOLE, FURNISH AND INSTALL, FIBER VAULT	3.000 EACH	.	.
1960	2599-9999005 ('EACH' ITEM) HANDHOLE, FURNISH AND INSTALL, FOR27	4.000 EACH	.	.
1970	2599-9999005 ('EACH' ITEM) HANDHOLE, FURNISH AND INSTALL, TYPE 1	6.000 EACH	.	.
1980	2599-9999005 ('EACH' ITEM) POWER CONNECTION	4.000 EACH	.	.

PROPOSAL SCHEDULE OF PRICES

Page: 22

Bid Order No.: 104

Proposal ID No.: 78-0801-392
 Primary Work Type: PCC PAVEMENT - GRADE & REPLACE
 Primary County: POTTAWATTAMIE

Letting Date: November 15, 2016
 10:00 A.M.

Line No	Item Number Item Description	Item Quantity and Unit	Unit Price		Bid Amount	
			Dollars	Cts	Dollars	Cts
1990	2599-9999009 ('LINEAR FEET' ITEM) CABLE, FURNISH AND INSTALL, #12	LF 5,040.000				
			.		.	
2000	2599-9999009 ('LINEAR FEET' ITEM) CABLE, FURNISH AND INSTALL, #2	LF 885.000				
			.		.	
2010	2599-9999009 ('LINEAR FEET' ITEM) CABLE, FURNISH AND INSTALL, #2/0	LF 2,700.000				
			.		.	
2020	2599-9999009 ('LINEAR FEET' ITEM) CABLE, FURNISH AND INSTALL, #3/0	LF 3,855.000				
			.		.	
2030	2599-9999009 ('LINEAR FEET' ITEM) CABLE, FURNISH AND INSTALL, #4	LF 1,295.000				
			.		.	
2040	2599-9999009 ('LINEAR FEET' ITEM) CABLE, FURNISH AND INSTALL, #6	LF 410.000				
			.		.	
2050	2599-9999009 ('LINEAR FEET' ITEM) CABLE, FURNISH AND INSTALL, #8	LF 220.000				
			.		.	
2060	2599-9999009 ('LINEAR FEET' ITEM) CABLE, INSTALL ONLY, MVDS COMM	LF 2,360.000				
			.		.	
2070	2599-9999009 ('LINEAR FEET' ITEM) CABLE, INSTALL ONLY, MVDS POWER	LF 1,180.000				
			.		.	

PROPOSAL SCHEDULE OF PRICES

Page: 23

Bid Order No.: 104

Proposal ID No.: 78-0801-392
 Primary Work Type: PCC PAVEMENT - GRADE & REPLACE
 Primary County: POTTAWATTAMIE

Letting Date: November 15, 2016
 10:00 A.M.

Line No	Item Number Item Description	Item Quantity and Unit	Unit Price Dollars Cts	Bid Amount Dollars Cts
2080	2599-9999009 ('LINEAR FEET' ITEM) CONDUIT, FURNISH AND BORE, HDPE, 2 INCH	4,715.000 LF	.	.
2090	2599-9999009 ('LINEAR FEET' ITEM) CONDUIT, FURNISH AND PLOW, HDPE, 2 INCH	140.000 LF	.	.
2100	2599-9999009 ('LINEAR FEET' ITEM) CONDUIT, FURNISH AND TRENCH, HDPE, 2 INCH	1,585.000 LF	.	.
2110	2599-9999009 ('LINEAR FEET' ITEM) CONDUIT, FURNISH AND TRENCH, HDPE, 3 INCH	1,045.000 LF	.	.
2120	2599-9999009 ('LINEAR FEET' ITEM) PULL TAPE	315.000 LF	.	.
	SECTION 0008 TOTAL			.
Section 0009 TRAFFIC SIGN ITEMS IM-NHS-080-1(394)0-03-78				
2130	2401-6745358 REMOVAL OF CONCRETE FOUNDATIONS OF HIGHWAY SIGNS	11.000 EACH	.	.
2140	2401-6745915 REMOVAL OF SIGN SUPPORT STRUCTURE AND FOOTING	2.000 EACH	.	.
2150	2402-2720000 EXCAVATION, CLASS 20	1,225.000 CY	.	.

PROPOSAL SCHEDULE OF PRICES

Page: 24

Bid Order No.: 104

Proposal ID No.: 78-0801-392
 Primary Work Type: PCC PAVEMENT - GRADE & REPLACE
 Primary County: POTTAWATTAMIE

Letting Date: November 15, 2016
 10:00 A.M.

Line No	Item Number Item Description	Item Quantity and Unit	Unit Price Dollars Cts		Bid Amount Dollars Cts	
2160	2403-0100000 STRUCTURAL CONCRETE (MISCELLANEOUS)	320.100 CY		.		.
2170	2404-7775005 REINFORCING STEEL, EPOXY COATED	38,673.000 LB		.		.
2180	2423-0001010 DYNAMIC MESSAGE SIGN (D.M.S.) INSTALLATION	1.000 EACH		.		.
2190	2423-1060090 STEEL OVERHEAD SIGN TRUSS, 90 FT. SPAN	1.000 EACH		.		.
2200	2423-1060100 STEEL OVERHEAD SIGN TRUSS, 100 FT. SPAN	1.000 EACH		.		.
2210	2524-6765010 REMOVE AND REINSTALL SIGN AS PER PLAN	10.000 EACH		.		.
2220	2524-6765210 REMOVAL OF TYPE A SIGN ASSEMBLY	10.000 EACH		.		.
2230	2524-6765220 REMOVAL OF TYPE B SIGN ASSEMBLY	18.000 EACH		.		.
2240	2524-9081275 CONCRETE FOOTING FOR BREAKAWAY SIGN POST, 2'-8" DIA. X 7'-6"	11.000 EACH		.		.
2250	2524-9081290 CONCRETE FOOTING FOR BREAKAWAY SIGN POST, 2'-8" DIA. X 9'-0"	6.000 EACH		.		.

PROPOSAL SCHEDULE OF PRICES

Page: 25

Bid Order No.: 104

Proposal ID No.: 78-0801-392
 Primary Work Type: PCC PAVEMENT - GRADE & REPLACE
 Primary County: POTTAWATTAMIE

Letting Date: November 15, 2016
 10:00 A.M.

Line No	Item Number Item Description	Item Quantity and Unit	Unit Price Dollars Cts		Bid Amount Dollars Cts	
2260	2524-9275222 WOOD POSTS FOR TYPE A OR B SIGNS, 4 IN. X 6 IN.	320.000 LF		.		.
2270	2524-9281210 STEEL BREAKAWAY SIGN POSTS FOR TYPE A OR B SIGNS, W 8 X 21	167.300 LF		.		.
2280	2524-9281426 STEEL BREAKAWAY SIGN POSTS FOR TYPE A OR B SIGNS, W 12 X 26	119.100 LF		.		.
2290	2524-9290006 MODIFICATION OF EXISTING SIGNS	5.000 EACH		.		.
2300	2524-9325001 TYPE A SIGNS, SHEET ALUMINUM	100.000 SF		.		.
2310	2524-9380001 TYPE B SIGNS, EXTRUDED ALUMINUM STRUCTURAL PANEL	3,439.000 SF		.		.
2320	2526-8285000 CONSTRUCTION SURVEY	LUMP	LUMP			.
2330	2528-8445110 TRAFFIC CONTROL	LUMP	LUMP			.
2340	2533-4980005 MOBILIZATION	LUMP	LUMP			.
2350	2555-0000010 DELIVER AND STOCKPILE SALVAGED MATERIALS	LUMP	LUMP			.

PROPOSAL SCHEDULE OF PRICES

Page: 26

Bid Order No.: 104

Proposal ID No.: 78-0801-392
 Primary Work Type: PCC PAVEMENT - GRADE & REPLACE
 Primary County: POTTAWATTAMIE

Letting Date: November 15, 2016
 10:00 A.M.

Line No	Item Number Item Description	Item Quantity and Unit	Unit Price Dollars Cts		Bid Amount Dollars Cts	
2360	2599-9999005 ('EACH' ITEM) OVERHEAD DYNAMIC MESSAGE SIGN SUPPORT STRUCTURE, 90 FT SPAN	1.000 EACH		.		.
2370	2599-9999005 ('EACH' ITEM) STEEL OVERHEAD SIGN TRUSS, 66 FT. SPAN	3.000 EACH		.		.
	SECTION 0009 TOTAL					.
Section 0010 DESIGN NO. 0617;254'-0 X 60'-0 PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGE IM-NHS-080-1(396)2--03-78						
2380	2104-2710020 EXCAVATION, CLASS 10, CHANNEL	200.000 CY		.		.
2390	2401-6745625 REMOVAL OF EXISTING BRIDGE	LUMP	LUMP			.
2400	2402-2720000 EXCAVATION, CLASS 20	64.000 CY		.		.
2410	2403-0100010 STRUCTURAL CONCRETE (BRIDGE)	49.600 CY		.		.
2420	2403-7000210 HIGH PERFORMANCE STRUCTURAL CONCRETE	240.300 CY		.		.
2430	2404-7775000 REINFORCING STEEL	4,467.000 LB		.		.
2440	2404-7775005 REINFORCING STEEL, EPOXY COATED	68,769.000 LB		.		.

PROPOSAL SCHEDULE OF PRICES

Page: 27

Bid Order No.: 104

Proposal ID No.: 78-0801-392
 Primary Work Type: PCC PAVEMENT - GRADE & REPLACE
 Primary County: POTTAWATTAMIE

Letting Date: November 15, 2016
 10:00 A.M.

Line No	Item Number Item Description	Item Quantity and Unit	Unit Price		Bid Amount	
			Dollars	Cts	Dollars	Cts
2450	2404-7775009 REINFORCING STEEL, STAINLESS STEEL	1,658.000 LB	.		.	
2460	2407-0563075 BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTC75	6.000 EACH	.		.	
2470	2407-0563100 BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTC100	3.000 EACH	.		.	
2480	2408-7800000 STRUCTURAL STEEL	3,368.000 LB	.		.	
2490	2414-6424038 CONCRETE BARRIER RAIL, 3'-8"	257.000 LF	.		.	
2500	2501-0201057 PILES, STEEL, HP 10 X 57	1,275.000 LF	.		.	
2510	2501-0201473 PILES, STEEL, HP 14 X 73	1,500.000 LF	.		.	
2520	2501-5478073 CONCRETE ENCASEMENT OF STEEL H PILES, HP 14 X 73 (P10L TYPE 3)	145.000 LF	.		.	
2530	2501-6335010 PREBORED HOLES	100.000 LF	.		.	
2540	2507-3250005 ENGINEERING FABRIC	329.900 SY	.		.	

PROPOSAL SCHEDULE OF PRICES

Page: 28

Bid Order No.: 104

Proposal ID No.: 78-0801-392
 Primary Work Type: PCC PAVEMENT - GRADE & REPLACE
 Primary County: POTTAWATTAMIE

Letting Date: November 15, 2016
 10:00 A.M.

Line No	Item Number Item Description	Item Quantity and Unit	Unit Price Dollars Cts	Bid Amount Dollars Cts
2550	2507-6800061 REVTMENT, CLASS E	313.000 TON	.	.
2560	2507-8029000 EROSION STONE	7.000 TON	.	.
2570	2533-4980005 MOBILIZATION	LUMP	LUMP	.
	SECTION 0010 TOTAL			.
Section 0011 DESIGN NO. 0717;254'-0 X 72'-0 PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGE IM-NHS-080-1 (396)2--03-78				
2580	2104-2710020 EXCAVATION, CLASS 10, CHANNEL	3,339.400 CY	.	.
2590	2402-2720000 EXCAVATION, CLASS 20	300.000 CY	.	.
2600	2403-0100010 STRUCTURAL CONCRETE (BRIDGE)	148.200 CY	.	.
2610	2403-7000210 HIGH PERFORMANCE STRUCTURAL CONCRETE	636.800 CY	.	.
2620	2404-7775000 REINFORCING STEEL	16,025.000 LB	.	.
2630	2404-7775005 REINFORCING STEEL, EPOXY COATED	184,400.000 LB	.	.

PROPOSAL SCHEDULE OF PRICES

Page: 29

Bid Order No.: 104

Proposal ID No.: 78-0801-392
 Primary Work Type: PCC PAVEMENT - GRADE & REPLACE
 Primary County: POTTAWATTAMIE

Letting Date: November 15, 2016
 10:00 A.M.

Line No	Item Number Item Description	Item Quantity and Unit	Unit Price		Bid Amount	
			Dollars	Cts	Dollars	Cts
2640	2404-7775009 REINFORCING STEEL, STAINLESS STEEL	3,724.000 LB	.		.	
2650	2407-0563075 BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTC75	16.000 EACH	.		.	
2660	2407-0563100 BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTC100	8.000 EACH	.		.	
2670	2408-7800000 STRUCTURAL STEEL	8,233.000 LB	.		.	
2680	2414-6424038 CONCRETE BARRIER RAIL, 3'-8"	538.000 LF	.		.	
2690	2501-0201057 PILES, STEEL, HP 10 X 57	3,690.000 LF	.		.	
2700	2501-0201473 PILES, STEEL, HP 14 X 73	4,625.000 LF	.		.	
2710	2501-5374060 TEST PILE	LUMP	LUMP		.	
2720	2501-5478073 CONCRETE ENCASEMENT OF STEEL H PILES, HP 14 X 73 (P10L TYPE 3)	456.000 LF	.		.	
2730	2501-6335010 PREBORED HOLES	300.000 LF	.		.	

PROPOSAL SCHEDULE OF PRICES

Page: 30

Bid Order No.: 104

Proposal ID No.: 78-0801-392
 Primary Work Type: PCC PAVEMENT - GRADE & REPLACE
 Primary County: POTTAWATTAMIE

Letting Date: November 15, 2016
 10:00 A.M.

Line No	Item Number Item Description	Item Quantity and Unit	Unit Price Dollars Cts		Bid Amount Dollars Cts	
2740	2507-2638650 BRIDGE WING ARMORING - EROSION STONE	12.000 SY		.		.
2750	2507-3250005 ENGINEERING FABRIC	5,388.500 SY		.		.
2760	2507-6800061 REVELTMENT, CLASS E	5,315.700 TON		.		.
2770	2507-8029000 EROSION STONE	21.600 TON		.		.
2780	2533-4980005 MOBILIZATION	LUMP	LUMP			.
	SECTION 0011 TOTAL					.
Section 0012 ROADWAY ITEMS IM-NHS-080-1(396)2--03-78						
2790	2301-0690203 BRIDGE APPROACH, BR-203	1,660.200 SY		.		.
2800	2412-0000100 LONGITUDINAL GROOVING IN CONCRETE	3,654.500 SY		.		.
	SECTION 0012 TOTAL					.
	TOTAL BID					.

PROPOSAL ADDENDUM INFORMATION

Page: 31

Proposal ID No.:	78-0801-392	Bid Order No.:	104
		Letting Date:	November 15, 2016
Primary Work Type:	PCC PAVEMENT - GRADE & REPLACE		10:00 A.M.
Primary County:	POTTAWATTAMIE		

When this proposal is used for bidding purposes and submitted with the proper Bidding Document, any and all items on separate documents added to this proposal by addendum must also be included.

Only the bid proposal holders receive addendums issued for this proposal and responsibility for notifying any potential subcontractors or suppliers remains with the bid proposal holder.

PROPOSAL SPECIAL PROVISIONS LIST

Page: 1

Proposal ID No.: 78-0801-392 Bid Order No.: 104
 Primary Work Type: PCC PAVEMENT - GRADE & REPLACE Letting Date: November 15, 2016
 Primary County: POTTAWATTAMIE 10:00 A.M.

Note	Description
001.2015	SERIES 2015 OF IDOT STANDARD SPECIFICATIONS, PLUS APPLICABLE
005.2120	GS, DS'S, SS'S, AND SP'S APPLY TO WORK ON THIS CONTRACT
410.11	A FUEL ADJUSTMENT FACTOR WILL BE APPLIED TO PAYMENTS ON THIS
720.121	CONTRACT PER SECTION 2120 OF THE STANDARD SPECIFICATIONS
DS-15011	A STORM WATER POLLUTION PREVENTION PLAN HAS BEEN DEVELOPED
DS-15019	FOR ONE OR MORE PROJECTS ON THIS CONTRACT
DS-15030	ATTACHMENT OF "POINT 25 UTILITY DATA"
DS-15032	PCC PAVEMENT NON-DESTRUCTIVE THICKNESS DETERMINATION
DS-15038	FLOATING SILT CURTAIN
DS-15044	MODULAR EXPANSION JOINT ASSEMBLY
FHWA-1273.06	MASS CONCRETE - CONTROL OF HEAT OF HYDRATION
GS-15003	QUALITY MANAGEMENT CONCRETE (QM-C)
IA16-97.0A	HIGHWAY WAGE RATES: IA160097
SP-150133	STATEWIDE (EXCEPT SCOTT COUNTY)
SP-150134	ITS INFRASTRUCTURE INSTALLATION
SP-150135	POTTAWATTAMIE COUNTY IM-NHS-080-1(393)0--03-78
SP-150136	ALTERNATE BORROW AREAS (LOESS HILLS)
SP-150137	POTTAWATTAMIE COUNTY IM-NHS-080-1(392)0--03-78
SP-150138	E-BUILDER
SP-150139	POTTAWATTAMIE COUNTY VARIOUS PROJECTS
SP-150140	EXCAVATION FOR STRUCTURES IN LEVEE CRITICAL AREA
SP-150141	POTTAWATTAMIE COUNTY IM-NHS-080-1(392,393,394)0--03-78
SP-150142	EMERGENCY ACTION PLAN
SP-150143	POTTAWATTAMIE COUNTY VARIOUS PROJECTS
SP-150144	DEWATERING
SP-150145	POTTAWATTAMIE COUNTY IM-029-3(83)52--13-78
SP-150146	PROGRESS SCHEDULING
SP-150147	POTTAWATTAMIE COUNTY VARIOUS PROJECTS
SP-150148	EXCAVATION FOR STRUCTURES IN LEVEE CRITICAL AREA
SP-150149	POTTAWATTAMIE COUNTY IM-029-3(83)52--13-78
SP-150150	EXCAVATION FOR STRUCTURES IN LEVEE CRITICAL AREA
SP-150151	POTTAWATTAMIE COUNTY IM-NHS-080-1(396)2--03-78
SP-150152	POST-TENSIONING TENDONS
SP-150153	POTTAWATTAMIE COUNTY IM-029-3(83)52--13-78
SP-150154	SHRINKAGE COMPENSATING STRUCTURAL CONCRETE
SP-150155	POTTAWATTAMIE COUNTY IM-029-3(83)52--13-78
SP-150156	LEVEE CONSTRUCTION
SP-150157	POTTAWATTAMIE COUNTY IM-NHS-080-1(392)0--03-78
SP-150158	LANE RENTAL POTTAWATTAMIE COUNTY
SS-15002	IM-NHS-080-1(392, 393, 394, 396) & IM-029-3(82, 83)
SS-15003	PROJECT MANAGEMENT
	BACKFILLING AND COMPACTION OF PIPE AND REINFORCED BOX
	CULVERTS BY FLOODING

Proposal ID No.: 78-0801-392 Bid Order No.: 104
Primary Work Type: PCC PAVEMENT - GRADE & REPLACE Letting Date: November 15, 2016
Primary County: POTTAWATTAMIE 10:00 A.M.

Note Description

001.2015

*** STANDARD SPECIFICATIONS -- SERIES 2015 ***

The Iowa Department of Transportation STANDARD SPECIFICATIONS FOR
HIGHWAY AND BRIDGE CONSTRUCTION, SERIES 2015, plus applicable General
Supplemental Specifications, Developmental Specifications, Supplemental
Specifications AND Special Provisions shall apply to construction work
on this contract.

005.2120

*** FUEL ADJUSTMENT ***

A fuel adjustment factor will be applied to payments on this contract
in accordance with section 2120 of the standard specifications.

410.11

*** STORM WATER POLLUTION PREVENTION PLAN ***

A Storm Water Pollution Prevention Plan has been developed by the
Contracting Authority for one or more projects on this contract.
See the project plans (or other contract document) for specific Storm
Water Pollution Prevention Plan details.

720.121

*** POINT 25 Utility Data ***

This Estimating Proposal has an attachment of the "POINT 25 Utility
Data". This attachment is a part of the proposal form.

DS-15011

October 20, 2015

DEVELOPMENTAL SPECIFICATIONS FOR PCC PAVEMENT NON-DESTRUCTIVE THICKNESS
DETERMINATION

DS-15019

October 20, 2015

DEVELOPMENTAL SPECIFICATIONS FOR FLOATING SILT CURTAIN

DS-15030

October 20, 2015

DEVELOPMENTAL SPECIFICATIONS FOR MODULAR EXPANSION JOINT ASSEMBLY

DS-15032

October 20, 2015

DEVELOPMENTAL SPECIFICATIONS FOR MASS CONCRETE - CONTROL OF HEAT OF
HYDRATION

DS-15038

April 19, 2016

DEVELOPMENTAL SPECIFICATIONS FOR QUALITY MANAGEMENT CONCRETE (QM-C)

DS-15044

June 21, 2016

DEVELOPMENTAL SPECIFICATIONS FOR HIGH PERFORMANCE CONCRETE FOR
STRUCTURES

FHWA-1273.06

January 20, 2016

FHWA-1273: REQUIRED CONTRACT PROVISIONS

Proposal ID No.: 78-0801-392 Bid Order No.: 104
Primary Work Type: PCC PAVEMENT - GRADE & REPLACE Letting Date: November 15, 2016
Primary County: POTTAWATTAMIE 10:00 A.M.

Note Description

FEDERAL-AID CONSTRUCTION CONTRACTS

>>> Additionally:

- . USE OF UNITED STATES-FLAG VESSELS
- . In accordance with 46 CFR 381.7(b), The contractor agrees—
- . (1) To utilize privately owned United States-flag commercial
- . vessels to ship at least 50% of the gross tonnage (computed
- . separately for dry bulk carriers, dry cargo liners, and
- . tankers) involved, whenever shipping any equipment, material,
- . or commodities pursuant to this contract, to the extent such
- . vessels are available at fair and reasonable rates for United
- . States-flag commercial vessels.
- . (2) To furnish within 20 days following the date of loading for
- . shipments originating within the United States or within 30
- . working days following the date of loading for shipments
- . originating outside the United States, a legible copy of a
- . rated, 'on-board' commercial ocean bill-of-lading in English
- . for each shipment of cargo described in paragraph (b) (1) of
- . this section to both the Contracting Officer (through the
- . prime contractor in the case of subcontractor bills-of-lading
- . and to the Division of National Cargo, Office of Market
- . Development, Maritime Administration, Washington, DC 20590.
- . (3) To insert the substance of the provisions of this clause in
- . all subcontracts issued pursuant to this contract.

GS-15003

October 18, 2016

GENERAL SUPPLEMENTAL SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION

IA16-97.0A

June 17, 2016

PREDETERMINED WAGE RATE - GENERAL DECISION NUMBER IA160097
FOR HEAVY AND HIGHWAY CONSTRUCTION -- STATEWIDE (EXCEPT SCOTT COUNTY)
. Note: The Contractor shall review the contract documents and
. is responsible for identifying which zone(s), as defined
. in the Predetermined Wage Rate specification, apply to
. the work on the contract.

*** Additional Requirement ***

The Prime Contractor shall submit certified payrolls for itself and each approved Subcontractor weekly to the Project Engineer. The Contractor may use the Iowa D.O.T. Certified Payroll form or other approved form. The Contractor shall list the craft for each employee covered by the Predetermined Wage Rates. The Prime Contractor shall sign each of the Subcontractor's payrolls to acknowledge the submittal of the Certified Payroll.

SP-150133

November 15, 2016

SPECIAL PROVISIONS FOR ITS INFRASTRUCTURE INSTALLATION

Proposal ID No.: 78-0801-392 Bid Order No.: 104
Primary Work Type: PCC PAVEMENT - GRADE & REPLACE Letting Date: November 15, 2016
Primary County: POTTAWATTAMIE 10:00 A.M.

Note Description

Pottawattamie County IM-NHS-080-1(393)0--03-78

SP-150134 November 15, 2016
SPECIAL PROVISIONS FOR ALTERNATE BORROW AREAS (LOESS HILLS)

Pottawattamie County IM-NHS-080-1(392)0--03-78

SP-150135 November 15, 2016
SPECIAL PROVISIONS FOR E-BUILDER

Pottawattamie County
IM-NHS-080-1(392)0--03-78
IM-NHS-080-1(393)0--03-78
IM-NHS-080-1(394)0--03-78
IM-NHS-080-1(396)2--03-78
IM-029-3(82)52--13-78
IM-029-3(83)52--13-78

SP-150136 November 15, 2016
SPECIAL PROVISIONS FOR EXCAVATION FOR STRUCTURES IN LEVEE CRITICAL AREA

Pottawattamie County
IM-NHS-080-1(392)0--03-78
IM-NHS-080-1(393)0--03-78
IM-NHS-080-1(394)0--03-78

SP-150137 November 15, 2016
SPECIAL PROVISION FOR EMERGENCY ACTION PLAN

Pottawattamie County
IM-NHS-080-1(392)0--03-78
IM-NHS-080-1(393)0--03-78
IM-NHS-080-1(394)0--03-78
IM-NHS-080-1(396)2--03-78
IM-029-3(82)52--13-78
IM-029-3(83)52--13-78

SP-150138 November 15, 2016
SPECIAL PROVISIONS FOR DEWATERING

Pottawattamie County IM-029-3(83)52--13-78

SP-150139 November 15, 2016
SPECIAL PROVISIONS FOR PROGRESS SCHEDULING

Pottawattamie County
IM-NHS-080-1(392)0--03-78
IM-NHS-080-1(393)0--03-78
IM-NHS-080-1(394)0--03-78

Proposal ID No.: 78-0801-392 Bid Order No.: 104
Primary Work Type: PCC PAVEMENT - GRADE & REPLACE Letting Date: November 15, 2016
Primary County: POTTAWATTAMIE 10:00 A.M.

Note Description

IM-NHS-080-1(396)2--03-78
IM-029-3(82)52--13-78
IM-029-3(83)52--13-78

SP-150140 November 15, 2016
SPECIAL PROVISIONS FOR EXCAVATION FOR STRUCTURES IN LEVEE CRITICAL AREA

Pottawattamie County IM-029-3(83)52--13-78

SP-150141 November 15, 2016
SPECIAL PROVISIONS FOR EXCAVATION FOR STRUCTURES IN LEVEE CRITICAL AREA

Pottawattamie County IM-NHS-080-1(396)2--03-78

SP-150145 November 15, 2016
SPECIAL PROVISIONS FOR POST-TENSIONING TENDONS

Pottawattamie County IM-029-3(83)52--13-78

SP-150146 November 15, 2016
SPECIAL PROVISIONS FOR SHRINKAGE COMPENSATING STRUCTURAL CONCRETE

Pottawattamie County IM-029-3(83)52--13-78

SP-150149 November 15, 2016
SPECIAL PROVISIONS FOR LEVEE CONSTRUCTION

Pottawattamie County IM-NHS-080-1(392)0--03-78

SP-150163 November 15, 2016
SPECIAL PROVISIONS FOR LANE RENTAL

Pottawattamie County
IM-NHS-080-1(392)0--03-78
IM-029-3(82)52--13-78
IM-029-3(83)52--13-78
IM-NHS-080-1(393)0--03-78
IM-NHS-080-1(394)0--03-78
IM-NHS-080-1(396)2--03-78

SS-15002 October 20, 2015
SUPPLEMENTAL SPECIFICATIONS FOR PROJECT MANAGEMENT

SS-15003 October 20, 2015
SUPPLEMENTAL SPECIFICATIONS FOR BACKFILLING AND COMPACTION OF PIPE AND
REINFORCED BOX CULVERTS BY FLOODING

108-11A 08-01-08				
HIGHWAY LIGHTING DATA				
<p>ELECTRICAL SERVICE: MIDAMERICAN ENERGY PROVIDES SECONDARY SERVICE (120/240 VOLTS SINGLE PHASE) TO THE UPSTREAM CONTROL STATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAKE THE NECESSARY CONTACTS WITH THE UTILITY COMPANY WITH REGARD TO THE SERVICE, IF NEEDED. CONTACT INFORMATION IS: TIM THEOBALD, MIDAMERICAN ENERGY, (712) 366-5668, TRTHEOBALD@MIDAMERICAN.COM ALTERNATE CONTACT - DAVID FITCH, MIDAMERICAN ENERGY, (712) 366-5669, DLFITCH@MIDAMERICAN.COM OR</p> <p>ROADWAY LUMINAIRES: CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPLING AND INSTALLING LIGHT EMITTING DIODE (LED) LUMINAIRES AS DESCRIBED. LED LUMINAIRES SHALL BE COOPER LIGHTING (NVN NAVION 'NAV-AE-04-D-UNV-T2R-700'), AMERICAN ELECTRIC LIGHTING (AUTOBAHN 'ATB2 60BLEDE70 MVOLT R2 DM'), OR PHILIPS LUMEC (ROADFOCUS 'RFL-145W64LED4K-T-R2M-UNIV'). NO SUBSTITUTES WILL BE ALLOWED. LED LUMINAIRE OUTPUT SHALL BE EQUIVALENT TO 250 WATT, TYPE II-M HPS.</p> <p>CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPLING AND INSTALLING LIGHT EMITTING DIODE (LED) LUMINAIRES AS DESCRIBED. LED LUMINAIRES SHALL BE COOPER LIGHTING (NVN NAVION 'NAV-AE-04-D-UNV-T3R-700'), AMERICAN ELECTRIC LIGHTING (AUTOBAHN 'ATB2 60BLEDE70 MVOLT R3 DM'), OR PHILIPS LUMEC (ROADFOCUS 'RFL-145W64LED4K-T-R3M-UNIV'). NO SUBSTITUTES WILL BE ALLOWED. LED LUMINAIRE OUTPUT SHALL BE EQUIVALENT TO 250 WATT, TYPE III-M HPS.</p> <p>CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPLING AND INSTALLING LIGHT EMITTING DIODE (LED) LUMINAIRES AS DESCRIBED. LED LUMINAIRES SHALL BE COOPER LIGHTING (NVN NAVION 'NAV-AE-02-D-UNV-T3R-700'), AMERICAN ELECTRIC LIGHTING (AUTOBAHN 'ATB0 20BLEDE10 MVOLT R3 DM'), OR PHILIPS LUMEC (ROADFOCUS 'RFM-72W32LED4K-T-R3M-UNIV-DMG'). NO SUBSTITUTES WILL BE ALLOWED. LED LUMINAIRE OUTPUT SHALL BE EQUIVALENT TO 150 WATT,TYPE III-M HPS.</p> <p>UNDERDECK LUMINAIRES: CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPLING AND INSTALLING LIGHT EMITTING DIODE (LED) LUMINAIRES AS DESCRIBED. LED LUMINAIRES SHALL BE EATON STREETWORKS, VAL VALET LED (Catalog # VAL-F03-LED-E-U-GL3-TR), HOLOPHANE WALLPACK IV (Catalog # W4GLEDE-20C-1000-40K-TM3-MVOLT-TP), PHILIPS STONECO WALLPACK WP LED (Catalog # WP-LED-3270-4K-UNV-535S). LED LUMINAIRE OUTPUT SHALL BE EQUIVALENT TO 150 WATT HPS.</p> <p>CONTROL CABINETS: ALL CONTROL CABINETS TO BE PLACED ON NEW CONTROL CABINET PADS, AS DETAILED ON THE DRAWING. CONTROL CABINET SHALL BE FURNISHED WITH CONTACTOR AND PHOTOELECTRIC CONTROLS AS SHOWN ON PLANS. PROVIDE A 240V TO 120V, 5KVA TRANSFORMER IN EACH CONTROL CABINET.</p>				

100-1A 07-15-97					
ESTIMATED PROJECT QUANTITIES (1 DIVISION PROJECT)					
Item No.	Item Code	Item	Unit	Total	As Built Qty.
1	2401-6745356	REMOVAL OF CONCRETE FOOTINGS OF LIGHT POLES	EACH	50	
2	2401-6745765	REMOVAL OF LIGHT POLES	EA	46	
3	2401-6750001	REMOVALS, AS PER PLAN	LS	1	
4	2523-0000100	LIGHTING POLES	EACH	23	
5	2523-0000200	ELECTRICAL CIRCUITS	LF	13184	
6	2523-0000310	HANDHOLES AND JUNCTION BOXES	EACH	29	
7	2523-0000400	CONTROL CABINETS	EACH	2	
8	2523-0000500	UNDERDECK LIGHTING (LI-120)	EACH	14	
9	2526-8285000	CONSTRUCTION SURVEY	LS	1	
10	2528-8400157	TEMPORARY FLOODLIGHTING LUMINAIRE	EACH	23	
11	2528-8445110	TRAFFIC CONTROL	LS	1	
12	2533-4980005	MOBILIZATION	LS	1	
13	2599-9999005	LIGHT POLE FOUNDATION EXTENDED ABOVE GRADE BEHIND BARRIER RAIL	EACH	19	
14	2599-9999005	MODIFY CONTROL CABINET	EACH	2	
15	2599-9999005	REPLACE LUMINAIRE	EACH	70	
16	2599-9999005	INSTALL LIGHT POLES	EACH	4	

100-4A 10-29-02				
ESTIMATE REFERENCE INFORMATION				
Item No.	Item Code	Description		
1	2401-6745356	REMOVAL OF CONCRETE FOOTINGS OF LIGHT POLES		
		REMOVE CONCRETE FOUNDATIONS OF POLES TO BE REMOVED TO 2 FEET BELOW GRADE AND BACKFILL WITH DIRT AT LOCATIONS SHOWN ON P SHEETS. DISPOSAL OF CONSTRUCTION MATERIAL WASTES SHALL COMPLY WITH APPLICABLE STATE AND LOCAL WASTE DISPOSAL REGULATIONS. IN THE EVENT OF A CONFLICT WITH OTHER GOVERNMENTAL LAWS, RULES AND REGULATIONS, THE MORE RESTRICTIVE LAWS, RULES OR REGULATIONS SHALL APPLY.		
		METHOD OF MEASUREMENT:THE ENGINEER WILL COUNT THE NUMBER OF CONCRETE FOUNDATIONS REMOVED.		
		BASIS OF PAYMENT: THE CONTRACTOR WILL BE PAID THE CONTRACT UNIT PRICE FOR EACH CONCRETE FOUNDATIONS REMOVED.		
		THIS PAYMENT SHALL BE CONSIDERED FULL COMPENSATION FOR FURNISHING ALL LABOR, EQUIPMENT AND MATERIALS REQUIRED FOR REMOVING EXISTING FOUNDATIONS AS SPECIFIED.		
2	2401-6745765	REMOVAL OF LIGHT POLES		
		REMOVE EXISTING EXISTING LIGHTS, POLES, AND ASSOCIATED HANDHOLES, CABLES, CONDUIT (WHERE EXPOSED), AND OTHER EXISTING PARTS AS APPLICABLE TO THIS PROJECT. ALL REMOVED MATERIALS SHALL BE DISPOSED OF IN COMPLIANCE WITH APPLICABLE STATE AND LOCAL WASTE DISPOSAL REGULATIONS. IN THE EVENT OF A CONFLICT WITH OTHER GOVERNMENTAL LAWS, RULES AND REGULATIONS, THE MORE RESTRICTIVE LAWS, RULES OR REGULATIONS SHALL APPLY.		
		METHOD OF MESUREMENT: THE ENGINEER WILL VERIFY THAT ALL MATERIALS HAVE BEEN REMOVED.		
		BASIS OF PAYMENT: THE CONTRACTOR WILL BE PAID THE CONTRACT UNIT PRICE FOR REMOVAL. THIS PAYMENT SHALL BE CONSIDERED FULL COMPENSATION FOR FURNISHING ALL LABOR AND EQUIPMENT TO REMOVE THE MATERIALS, AS SPECIFIED.		

100-4A 10-29-02		
ESTIMATE REFERENCE INFORMATION		
Item No.	Item Code	Description
3	2401-6750001	REMOVALS, AS PER PLAN REMOVE EXISTING EXISTING CABLES, CONDUIT (WHERE EXPOSED), ASSOCIATED HANDHOLES, AND OTHER EXISTING PARTS AS APPLICABLE TO THIS PROJECT. ALL REMOVED MATERIALS SHALL BE DISPOSED OF IN COMPLIANCE WITH APPLICABLE STATE AND LOCAL WASTE DISPOSAL REGULATIONS. IN THE EVENT OF A CONFLICT WITH OTHER GOVERNMENTAL LAWS, RULES AND REGULATIONS, THE MORE RESTRICTIVE LAWS, RULES OR REGULATIONS SHALL APPLY. METHOD OF MESUREMENT: THE ENGINEER WILL VERIFY THAT ALL MATERIALS HAVE BEEN REMOVED. BASIS OF PAYMENT: THE CONTRACTOR WILL BE PAID THE CONTRACT UNIT PRICE FOR REMOVAL. THIS PAYMENT SHALL BE CONSIDERED FULL COMPENSATION FOR FURNISHING ALL LABOR AND EQUIPMENT TO REMOVE THE MATERIALS, AS SPECIFIED.
4	2523-0000100	LIGHTING POLES BID TO INCLUDE LED FIXTURES AS LISTED IN 'ROADWAY LUMINAIRES' DESCRIPTION. BID TO INCLUDE TRANSFORMER BASE POLES WITH MASTARM LENGTHS AND MOUNTING HEIGHTS AS SHOWN ON THE LIGHTING PLANS. BASES ON FOUNDATIONS ABOVE GRADE BEHIND BARRIER RAILS DO NOT NEED TO BE BREAKAWAY.
5	2523-0000200	ELECTRICAL CIRCUITS BID TO INCLUDE 600 VOLT FUSES AT 5 AMPERES FOR LUMINAIRE SUPPLY (L-1 CONNECTORS) AND 20 AMPERES FOR TAP CIRCUIT PROTECTION (Y-1 CONNECTORS) LOCATED IN THE JUNCTION BOXES OR HANDHOLES. INCLUDED ARE (70) TYPE Y-1 CONNECTORS, (2) TYPE Y-3 CONNECTORS, (44) TYPE L-1 CONNECTORS, AND (102) TYPE L-2 CONNECTORS. L-2 CONNECTORS IN CIRCUITS WITH CONDUCTORS SIZES THAT DO NOT FIT STANDARD CONNECTOR TO BE SPLIT BOLT CONNECTORS WITH WATER PROOF COVERING. ELECTRICAL CIRCUIT LENGTH IS CALCULATED FROM PLAN DIMENSIONS AS THE LINEAR, ONE-WAY LENGTH OF BOTH NEW AND EXISTING EMBEDDED CONDUITS. NO ALLOWANCE HAS BEEN ADDED TO THIS QUANTITY. OVERHEAD CABLE FOR TEMPORARY LIGHTING HAS NOT BEEN ADDED TO THIS QUANTITY. ALLOWANCES HAVE BEEN ADDED TO ALL WIRE AND CABLE QUANTITIES LISTED IN TAB 108-12.
6	2523-0000310	HANDHOLES AND JUNCTION BOXES ALL HANDHOLES TO BE LI-103, TYPE 1. JUNCTION BOXES ON BRIDGE PIERS TO BE LI-104.
7	2523-0000400	CONTROL CABINETS CONTROL CABINETS TO BE BASED ON LI-152, BUT WITH PHOTOCELL CONTACTOR AND AS SHOWN ON DRAWINGS. PROVIDE A 240V TO 120V, 5KVA TRANSFORMER IN EACH CONTROL CABINET, FUSED ON THE PRIMARY WITH 30A FUSES. CONNECT 120V LOADS IN CABINET TO TRANSFORMER. PROVIDE 120V CONVENIENCE RECEPTACLES IN CONTROL CABINETS.
8	2523-0000500	UNDERDECK LIGHTING (LI-120) BID TO INCLUDE LED FIXTURES AS LISTED IN 'UNDERDECK LUMINAIRES' DESCRIPTION IN TAB 108-11A.
13	2599-9999005	LIGHT POLE FOUNDATION EXTENDED ABOVE GRADE BEHIND BARRIER RAIL THIS WORK SHALL CONSIST OF FURNISHING AND INSTALLING LIGHT POLE FOUNDATIONS AS SHOWN ON SHEET P.10 AT LOCATIONS OF MEDIAN LIGHT POLES AS SHOWN IN THE PLAN SET. METHOD OF MEASUREMENT: THE ENGINEER WILL COUNT THE NUMBER OF LIGHT POLE FOUNDATIONS INSTALLED. BASIS OF PAYMENT: THE CONTRACTOR WILL BE PAID THE CONTRACT PRICE FOR EACH LIGHT POLE FOUNDATIONS INSTALLED, THIS PAYMENT SHALL BE CONSIDERED FULL COMPENSATION FOR FURNISHING ALL LABOR, EQUIPMENT, AND MATERIALS REQUIRED FOR INSTALLATION OF FOUNDATIONS.
14	2599-9999005	MODIFY CONTROL CABINET EXISTING CONTROL CABINETS "W7" AND "W8" TO BE MODIFIED TO ADD ONE NEW 20A, 2P BRANCH CIRCUIT BREAKER TO SWITCHED LEG OF CONTROL CABINET. REMOVE ACCUMULATED DIRT AND INSECTS, INSTALL NEW CIRCUIT BREAKERS. VISUALLY INSPECT, CHECK THE OPERATION, AND RETURN THE CONTROL CABINETS TO SERVICE. REPORT ANY DAMAGED EQUIPMENT TO THE ENGINEER. METHOD OF MEASUREMENT: THE ENGINEER WILL COUNT THE NUMBER OF CONTROL CABINETS PROPERLY MODIFIED. BASIS OF PAYMENT: THE CONTRACTOR WILL BE PAID THE CONTRACT UNIT PRICE FOR CONTROL CABINET MODIFIED, THIS PAYMENT SHALL BE CONSIDERED FULL COMPENSATION FOR FURNISHING ALL LABOR, EQUIPMENT, AND MATERIALS REQUIRED TO PROPERLY MODIFY CONTROL CABINETS, AS SPECIFIED.
15	2599-9999005	REPLACE LUMINAIRE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING LUMINAIRES ON EXISTING LIGHT POLES AND UNDERDECK LIGHTING SHOWN ON PLANS AND IN TAB 108-1 TO INCLUDE NEW LED LUMINAIRES AS LISTED IN 'ROADWAY LUMINAIRES' AND 'UNDERDECK LUMINAIRES' DESCRIPTIONS IN TAB 108-11A. EXISTING 40' MOUNTING HEIGHT POLES R203, R204, R205, AND R206 TO BE RENOVATED WITH LEDS EQUIVALENT TO 150 WATT, TYPE III AFTER RETRIEVAL BY CONTRACTOR (2 PER POLE). DISPOSAL OF CONSTRUCTION MATERIAL WASTES SHALL COMPLY WITH APPLICABLE STATE AND LOCAL WASTE DISPOSAL REGULATIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR NOT DAMAGING POLES DURING RENOVATION. METHOD OF MEASUREMENT: THE ENGINEER WILL COUNT THE NUMBER OF LUMINAIRES REPLACED. BASIS OF PAYMENT: THE CONTRACTOR WILL BE PAID THE CONTRACT UNIT PRICE FOR EACH LUMINAIRE REPLACED. THIS PAYMENT SHALL BE CONSIDERED FULL COMPENSATION FOR FURNISHING ALL LABOR, EQUIPMENT, AND MATERIALS REQUIRED TO REPLACE LUMINAIRES AS SPECIFIED.
16	2599-9999005	INSTALL LIGHT POLES CONTRACTOR TO RETRIEVE EXISTING LIGHT POLES R203, R204, R205, AND R206, RENOVATE PER '2599-9999005 REPLACE LUMINAIRE', AND INSTALL PER CONTRACT DOCUMENTS. RETRIEVE FROM IOWA DOT DISTRICT 4 LOCATED AT 3540 S. EXPRESSWAY, COUNCIL BLUFFS IA. POC IS TONY ARRICK (712) 366-0332. METHOD OF MEASUREMENT: THE ENGINEER WILL COUNT THE NUMBER OF LIGHT POLES RETRIEVED AND INSTALLED. BASIS OF PAYMENT: THE CONTRACTOR WILL BE PAID THE CONTRACT PRICE FOR LIGHT POLES RETRIEVED AND INSTALLED. THIS PAYMENT SHALL BE CONSIDERED FULL COMPENSATION FOR FURNISHING ALL LABOR, EQUIPMENT, AND MATERIALS REQUIRED TO RETRIEVE AND INSTALL LIGHT POLES AS SPECIFIED.

108-12 10-21-14																		108-27 10-16-12				
WIRE, CABLE AND CONNECTORS																		TEMPORARY FLOODLIGHTING LUMINAIRES				
Circuit Number	Connectors								Phase Lines								Ground		Remarks			
	Type	Quan.	Type	Quan.	Type	Quan.	Type	Quan.	Size	Quan.	Size	Quan.	Size	Quan.	Size	Quan.	Size					
		No.		No.		No.		No.										A.W.G.		LF	A.W.G.	LF
R-2	Y-1	8			L-1	2			#10	980.0			#6	1680.0			#6	920.0				
UD-1											#8	1774.0					#6	887.0				
UD-2											#8	2668.0					#6	1334.0				
M-5							L-2	4			#8	745.0					#6	374.0				
M-6	Y-1	6			L-1	2	L-2	10	#10	1180.0			#6	4341.0			#6	2087.0				
M-7	Y-1	4	Y-3	2	L-1	4	L-2	6	#10	1180.0	#8	3683.0					#6	1529.0				
M-8	Y-1	12			L-1	2	L-2	4	#10	1050.0			#6	3507.0			#6	1885.0				
M-9	Y-1	4					L-2	22	#10	1180.0					#4	5807.0	#6	1350.0				
E-8							L-2	8							#2	2786.0	#6	200.0				
S-2	Y-1	12			L-1	12	L-2	2							#4	2123.0	#6	1113.0				
S-3							L-2	10							#4	2041.0	#6	979.0				
S-4	Y-1	20			L-1	20	L-2								#4	3031.0	#6	1477.0				
S-5							L-2	8							#4	2176.0	#6	105.0				
S-6							L-2	10				#6	2041.0									
COND											#12	1500.0							THWN IN CONDUIT UNDER BARRIER RAIL FOR FUTURE			
IC-0															#4/0	60.0	#1	30.0				
IC-1					L-1	2	L-2	18					#6	2782.0			#6	1402.0				
OH-E															#4/3*	3700.0			OVERHEAD ELECTRICAL IS #4/3 AL TRIPLEX			
TEMP	Y-1	4											#6	1177.0			#6	590.0				

108-2 08-01-08																		105-4 10-18-11				
ELECTRICAL DUCTS																		STANDARD ROAD PLANS				
Location		Conduit Type	Dia. IN	Length FT	Remarks																	
CONTROL CABINET IC		RIGID	2.0	10.0	BOTTOM RISER UTILITY																	
CONTROL CABINET IC		RIGID	3.0	10.0	BOTTOM RISER																	
CONTROL CABINET IC		RIGID	2.0	20.0	BOTTOM RISER FUTURE/ITS																	
CONTROL CABINET M		RIGID	2.0	20.0	BOTTOM RISER																	
7467+70		RIGID	2.0	78.0	ROADWAY CROSSING																	
7469+80		RIGID	2.0	190.0	ROADWAY CROSSING																	
46573+70		RIGID	2.0	86.0	ROADWAY CROSSING																	
40170+65		RIGID	2.0	164.0	ROADWAY CROSSING																	
7476+05		RIGID	2.0	74.0	ROADWAY CROSSING																	
7479+58		RIGID	2.0	70.0	ROADWAY CROSSING																	
7490+70		RIGID	2.0	95.0	ROADWAY CROSSING																	
7491+14		RIGID	2.0	74.0	ROADWAY CROSSING																	
7509+35		RIGID	2.0	72.0	ROADWAY CROSSING																	
7511+50		RIGID	2.0	123.0	ROADWAY CROSSING																	
7514+50		RIGID	2.0	127.0	ROADWAY CROSSING																	
RAMP ON SHEEP P.8		RIGID	2.0	65.0	ROADWAY CROSSING																	
Bridge (UD-1)		STEEL	2.0	760.0	EXISTING EMBEDDED																	
					SEE BRIDGE PLAN FOR CONDUIT LAYOUT																	
Bridge (UD-2)		STEEL	2.0	1015.0	EXISTING EMBEDDED																	
					SEE BRIDGE PLAN FOR CONDUIT LAYOUT																	
CIRCUIT IC-1		STEEL	1.0	300.0	UNDERDECK BRIDGE CIRCUITS																	
Bridges (IC-1)		STEEL	2.0	620.0	EXISTING EMBEDDED																	
					SEE BRIDGE PLAN FOR CONDUIT LAYOUT																	
UNDER BARRIER RAIL		PLASTIC	2.0	1471.0	CIRCUIT DUCTS FUTURE USE																	
CIRCUIT R-2		PLASTIC	2.0	720.0	(EXISTING) CKT DUCTS																	
CIRCUIT UD-1		PLASTIC	2.0	80.0	CIRCUIT DUCTS																	
CIRCUIT UD-2		PLASTIC	2.0	261.0	CIRCUIT DUCTS																	
CIRCUIT M-5		PLASTIC	2.0	245.0	CIRCUIT DUCTS																	
CIRCUIT M-6		PLASTIC	2.0	1789.0	CIRCUIT DUCTS																	
CIRCUIT M-7		PLASTIC	2.0	1279.0	CIRCUIT DUCTS																	
CIRCUIT M-8		PLASTIC	2.0	1348.0	CIRCUIT DUCTS																	
CIRCUIT M-9		PLASTIC	2.0	1076.0	CIRCUIT DUCTS																	
CIRCUIT TEMP		PLASTIC	2.0	345.0	CIRCUIT DUCTS																	
CIRCUIT TEMP		PLASTIC	3.0	167.0	CIRCUIT DUCTS																	
CIRCUIT IC-0		PLASTIC	3.0	20.0	CIRCUIT DUCTS																	
CIRCUIT IC-1		PLASTIC	2.0	330.0	CIRCUIT DUCTS																	
IC FUTURE		PLASTIC	2.0	80.0	CIRCUIT DUCTS FUTURE USE																	

FILE NO.		ENGLISH	DESIGN TEAM	Abrams/Stanley Consultants		POTTAWATTAMIE COUNTY		PROJECT NUMBER	IM-NHS-080-1(393)0--03-78		SHEET NUMBER	C.2	
10/26/2016		4:59:38 PM		5549		\\mus-fs2\Mus-Projects-2\iadt0t\23900\23900-28(CBIS E-1 West)\78-0801-393 - Pottawattamie\Electrical\Tabs\78-0801-393c01.xlsm		Includes Revisions:		A.2			

108-1 10-21-14									
LIGHTING INSTALLATIONS									
Location		LI-101		LI-201		Remarks			
No.	Station	Type	A	E FT	Type				
NOTE: VERIFY LOCATIONS OF STORM SEWERS BEFORE INSTALLING FOOTINGS.									
R203	7405+41	5			NOTE 1	NOTES 2, 3			
R204	7407+21	5			NOTE 1	NOTES 2, 3			
R205	7409+01	5			NOTE 1	NOTES 2, 3			
R206	7410+81	5			NOTE 1	NOTES 2, 3			
UD101	35523+72	UD				Underdeck			
UD102	35522+90	UD				Underdeck			
UD103	35522+10	UD				Underdeck			
UD104	35521+22	UD				Underdeck			
UD105	35519+44	UD				Underdeck			
UD201	34529+97	UD				Underdeck			
UD202	34527+40	UD				Underdeck			
UD203	34524+68	UD				Underdeck			
M601	7467+20	5			NOTE 1	Median Barrier			
M602	7464+35	5			NOTE 1	Median Barrier			
M603	7461+20	5			NOTE 1	Median Barrier			
M604	7458+30	5			NOTE 1	Median Barrier			
M701	7479+20	5			NOTE 1	Median Barrier			
M702	7482+20	5			NOTE 1	Median Barrier			
M703	7485+35	5			NOTE 1	Median Barrier			
M704	7488+20	5			NOTE 1	Median Barrier			
M801	44579+36	1	6	9.0	A				
M802	44581+05	1	6	9.0	A				
M803	44582+76	1	6	9.0	A				
M804	44584+46	1	6	9.0	A				
M805	44586+16	1	6	9.0	A				
M806	44587+86	1	6	9.0	A				
M807	44589+56	1	6	9.0	A				
M901	7491+20	5			NOTE 1	Median Barrier			
M902	7494+20	5			NOTE 1	Median Barrier			
M903	7497+20	5			NOTE 1	Median Barrier			
M904	7500+20	5			NOTE 1	Median Barrier			
	7512+20				NOTE 1	Foundation Only			
	7514+55				NOTE 1	Foundation Only			
	7518+38				NOTE 1	Foundation Only			
IC101	7515+81.75	UD				Underdeck			
IC102	7515+81.75	UD				Underdeck			
IC103	7515+81.75	UD				Underdeck			
IC104	7515+81.75	UD				Underdeck			
IC105	7515+81.75	UD				Underdeck			
IC106	7515+81.75	UD				Underdeck			
NOTES: (SEE TAB 100-4A FOR MORE INFO)									
1. Median Barrier Pole Foundations to be per Sheet P.10.									
2. Renovate w/ (2) Type III-M, 150W equivalent LEDS									
3. Retrieve existing pole from DOT, deliver to the worksite, and install.									
NOTE: REPLACE LUMINAIRES OF EXISTING INSTALLED POLES PER TAB 100-4A.									
E601	43563+50				NOTE 5				
E602	43566+75				NOTE 4				
E603	43570+20				NOTE 4				
E604	43573+20				NOTE 4				
E605	43576+20				NOTE 4				
E701	7458+30				NOTE 6				
E702	7461+20				NOTE 6				
E703	7464+35				NOTE 6				
E704	7467+20				NOTE 6				
E801	7470+20				NOTE 6				
E802	7473+10				NOTE 6				
E803	7476+20				NOTE 6				
S101	41591+20				NOTE 5				
S102	41588+20				NOTE 4				
S103	41585+20				NOTE 4				
S104	41582+20				NOTE 4				
S105	41579+20				NOTE 4				
S201	7503+20				NOTE 6				
S202	7506+20				NOTE 6				
S203	7509+20				NOTE 6				
S301	7512+20				NOTE 6				
S302	7514+85				NOTE 6				
S303	7517+85				NOTE 6				
S401	7500+20				NOTE 6				
S402	7497+20				NOTE 6				
S403	7494+20				NOTE 6				
S404	7491+20				NOTE 6				

108-1 10-21-14									
LIGHTING INSTALLATIONS									
Location		LI-101		LI-201		Remarks			
No.	Station	Type	A	E FT	Type				
S501	7488+20					NOTE 6			
S502	7485+35					NOTE 6			
S503	7482+20					NOTE 6			
S504	7479+20					NOTE 6			
S601	7515+81.75					NOTE 7			
S602	7515+81.75					NOTE 7			
E501	42545+26					NOTE 4			
E502	42546+96					NOTE 4			
E503	42548+62					NOTE 4			
E504	42550+32					NOTE 4			
E505	42552+02					NOTE 4			
E506	42553+72					NOTE 4			
E507	42555+42					NOTE 4			
E508	42557+12					NOTE 4			
NOTES: (SEE TAB 100-4A FOR MORE INFO)									
4. Renovate w/ Type II-M, 250W equivalent LED									
5. Renovate w/ Type III-M, 250W equivalent LED									
6. Renovate w/ (2) Type III-M, 250W equivalent LEDS									
7. Renovate w/ Underdeck, 150W equivalent LED									

110-16 04-16-13									
REMOVAL OF LIGHT POLES AND CONCRETE FOOTINGS									
Location				Removal of Light Pole	Removal of Concrete Footing for Light Pole	Remarks			
No.	Station	Offset							
		Left	Right						
383	397+70				1	STATIONING FROM EXISTING. SEE SHEET P.11			
382	396+05				1	STATIONING FROM EXISTING. SEE SHEET P.11			
381	394+35				1	STATIONING FROM EXISTING. SEE SHEET P.11			
380	392+65				1	STATIONING FROM EXISTING. SEE SHEET P.11			
379	390+95				1	STATIONING FROM EXISTING. SEE SHEET P.11			
378	389+25				1	STATIONING FROM EXISTING. SEE SHEET P.11			
363	386+90				1	STATIONING FROM EXISTING. SEE SHEET P.11			
364	385+10				1	STATIONING FROM EXISTING. SEE SHEET P.11			
365	383+35				1	STATIONING FROM EXISTING. SEE SHEET P.11			
366	381+60				1	STATIONING FROM EXISTING. SEE SHEET P.11			
367	379+85				1	STATIONING FROM EXISTING. SEE SHEET P.11			
368	378+10				1	STATIONING FROM EXISTING. SEE SHEET P.11			
358	4588+00				1	STATIONING FROM EXISTING. SEE SHEET P.11			
359	4586+00				1	STATIONING FROM EXISTING. SEE SHEET P.11			
360	4884+00				1	STATIONING FROM EXISTING. SEE SHEET P.11			
361	4582+00				1	STATIONING FROM EXISTING. SEE SHEET P.11			
362	4580+00				1	STATIONING FROM EXISTING. SEE SHEET P.11			
329	376+65				1	STATIONING FROM EXISTING. SEE SHEET P.11			
328	375+10				1	STATIONING FROM EXISTING. SEE SHEET P.11			
327	373+40				1	STATIONING FROM EXISTING. SEE SHEET P.11			
326	371+60				1	STATIONING FROM EXISTING. SEE SHEET P.12			
325	369+70				1	STATIONING FROM EXISTING. SEE SHEET P.12			
324	367+70				1	STATIONING FROM EXISTING. SEE SHEET P.12			
323	365+70				1	STATIONING FROM EXISTING. SEE SHEET P.12			
322	363+70				1	STATIONING FROM EXISTING. SEE SHEET P.12			
321	361+70				1	STATIONING FROM EXISTING. SEE SHEET P.12			
320	359+70				1	STATIONING FROM EXISTING. SEE SHEET P.12			
319	357+70				1	STATIONING FROM EXISTING. SEE SHEET P.12			
318	355+65				1	STATIONING FROM EXISTING. SEE SHEET P.12			
317	353+60				1	STATIONING FROM EXISTING. SEE SHEET P.12			
305	351+55				1	STATIONING FROM EXISTING. SEE SHEET P.12			
306	349+50				1	STATIONING FROM EXISTING. SEE SHEET P.12. BRIDGE MOUNTED			
307	347+45				1	STATIONING FROM EXISTING. SEE SHEET P.12			
308	345+40				1	STATIONING FROM EXISTING. SEE SHEET P.12			
309	343+35				1	STATIONING FROM EXISTING. SEE SHEET P.12			
310	341+30				1	STATIONING FROM EXISTING. SEE SHEET P.12			
311	339+25				1	STATIONING FROM EXISTING. SEE SHEET P.12			
312	337+20				1	STATIONING FROM EXISTING. SEE SHEET P.12			
313	335+15				1	STATIONING FROM EXISTING. SEE SHEET P.12			
314	333+10				1	STATIONING FROM EXISTING. SEE SHEET P.13			
315	331+10				1	STATIONING FROM EXISTING. SEE SHEET P.13			
316	329+25				1	STATIONING FROM EXISTING. SEE SHEET P.13			
291	327+55				1	STATIONING FROM EXISTING. SEE SHEET P.13			
290	325+95				1	STATIONING FROM EXISTING. SEE SHEET P.13			
289	2524+45				1	STATIONING FROM EXISTING. SEE SHEET P.13			
288	2522+55				1	STATIONING FROM EXISTING. SEE SHEET P.14			
283	322+95				1	STATIONING FROM EXISTING. SEE SHEET P.13			
282	321+05				1	STATIONING FROM EXISTING. SEE SHEET P.13			
281	319+15				1	STATIONING FROM EXISTING. SEE SHEET P.13			
280	317+20				1	STATIONING FROM EXISTING. SEE SHEET P.13			
256	315+25				1	STATIONING FROM EXISTING. SEE SHEET P.13			

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10/26/2016	4:59:38 PM	5549	\\mus-fs2\Mus-Projects-2\ladot\23900\23900-28(CBIS E-1 West)\78-0801-393 - Pottawattamie\Electrical\Tabs\78-0801-393c01.xlsm							
Includes Revisions: A.2										

