



# Wisconsin Department of Transportation

## Division of Transportation Systems Development

Bureau of Project Development  
4822 Madison Yards Way, 4<sup>th</sup> Floor South  
Madison, WI 53705

January 3, 2024

Telephone: (608) 266-1631  
Facsimile (FAX): (608) 266-8459

### NOTICE TO ALL CONTRACTORS:

**Proposal #08: 1090-09-76, WISC 2024113**  
**IH 43 Rock Freeway**  
**STH 164 to Moorland Rd**  
**IH 43**  
**Waukesha County**

### Letting of January 9, 2024

This is Addendum No. 02, which provides for the following:

#### Schedule of Items:

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Proposal Total Prior to Addendum	Proposal Quantity Change (-)	Proposal Total After Addendum
520.8700	Cleaning Culvert Pipes	EACH	74	6	80
633.5200	Markers Culvert End	EACH	100	1	101

Added Bid Item Quantities					
Bid Item	Item Description	Unit	Proposal Total Prior to Addendum	Quantity Added	Proposal Total After Addendum
614.0397	Guardrail Mow Strip Emulsified Asphalt	SY	0	601	601
616.0206	Fence Chain Link 6-FT	LF	0	188	188

Deleted Bid Item Quantities					
Bid Item	Item Description	Unit	Proposal Total Prior to Addendum	Proposal Quantity Change (-)	Proposal Total After Addendum
614.0396	Guardrail Mow Strip Asphalt	SY	601	-601	0
616.0100.01	Fence Woven Wire 6-Foot	LF	188	-188	0

**Plan Sheets:**

<b>Revised Plan Sheets</b>	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
79	Plan Details
248 & 249	Misc. Quantities – Culvert Pipes Markers
252	Misc. Quantities – Guardrail
253	Misc. Quantities – Fence Chain Link
285	Replace SDD 15B01-08A and SDD 15B01-08B with SDD 15B03-15A and SDD 15B03-15B

<b>Added Plan Sheets</b>	
Plan Sheet	Plan Sheet Title (brief description of why sheet was added)
383A	SDD 15B03-15A - Fence Chain Link
384A	SDD 15B03-15B - Fence Chain Link

<b>Deleted Plan Sheets</b>	
Plan Sheet	Plan Sheet Title (brief description of why sheet was deleted)
383	SDD 15B01-08A – Fence Woven Wire
384	SDD 15B01-08B – Fence Woven Wire

**Schedule of Items**

Attached, dated January 3, 2024, are the revised Schedule of Items Pages 1 – 16.

**Plan Sheets**

The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:

Revised: 79, 248, 249, 252, 253, and 285

Added: 383A and 384A.

The responsibility for notifying potential subcontractors and suppliers of these changes remains with the prime contractor.

Sincerely,

*Mike Coleman*

Proposal Development Specialist  
Proposal Management Section

END OF ADDENDUM



Addendum No. 02  
ID 1090-09-76  
Revised Sheet 248  
January 3, 2024

CUVERT PIPES MARKERS

CATEGORY	CUVERT/INLET NUMBER	ROADWAY (R/L)	STATION	LOCATION	520.87'00 CLEANING CUVERT PIPES EACH	633.52'00 MARKERS CUVERT END EACH	REMARKS
1000	EW1	IH-43 (NB)	478+90	RT	1	1	REFER TO EROSION CONTROL PLANS TO SEE LOCATIONS
	EW2	IH-43 (NB)	487+00	RT	1	1	
	EW3	IH-43 (NB)	490+00	RT	1	1	
	EW4	IH-43 (NB)	522+00	RT	1	1	
	EW5	IH-43 (NB)	531+10	RT	1	1	
	EW6	IH-43 (NB)	536+85	RT	1	1	
	EW7	IH-43 (NB)	551+00	RT	1	1	
	EW8	IH-43 (NB)	562+85	RT	1	1	
	EW9	IH-43 (NB)	579+90	RT	1	1	
	EW10	IH-43 (NB)	586+50	RT	1	1	
	EW11	IH-43 (NB)	598+85	RT	1	1	
	EW12	IH-43 (NB)	608+00	RT	1	1	
	EW13	IH-43 (NB)	632+50	RT	1	1	
	EW14	IH-43 (NB)	646+50	RT	1	1	
	EW15	IH-43 (NB)	655+50	RT	1	1	
	EW16	IH-43 (NB)	681+50	RT	1	1	
	EW17	IH-43 (NB)	689+50	RT	1	1	
	EW18	IH-43 (NB)	729+60	RT	1	1	
	EW19	IH-43 (NB)	744+00	RT	1	1	
	EW20	IH-43 (NB)	755+00	RT	1	1	
	EW22	IH-43 (NB)	536+85	LT	-	1	
	EW23	IH-43 (NB)	551+00	LT	-	1	
	EW25	IH-43 (NB)	562+75	LT	-	1	
	EW27	IH-43 (NB)	657+80	LT	1	1	
	EW28	IH-43 (NB)	658+20	LT	-	1	
	EW29	IH-43 (NB)	661+50	LT	1	1	
	EW30	IH-43 (NB)	681+50	LT	-	1	
	EW31	IH-43 (NB)	689+50	LT	-	1	
	EW33	IH-43 (NB)	757+50	LT	1	1	
1000	EW21	IH-43 (SB)	534+00	RT	1	1	
	EW24	IH-43 (SB)	550+80	RT	1	1	
	EW26	IH-43 (SB)	565+00	RT	1	1	
	EW32	IH-43 (SB)	698+90	RT	1	1	
	EW31	IH-43 (SB)	709+90	RT	1	1	
	EW34	IH-43 (SB)	467+00	LT	1	1	
	EW35	IH-43 (SB)	490+00	LT	1	1	
	EW36	IH-43 (SB)	501+90	LT	1	1	
	EW37	IH-43 (SB)	522+00	LT	1	1	
	EW38	IH-43 (SB)	531+00	LT	1	1	
	EW39	IH-43 (SB)	534+00	LT	-	1	
	EW40	IH-43 (SB)	550+75	LT	-	1	
	EW41	IH-43 (SB)	564+95	LT	-	1	
	EW42	IH-43 (SB)	587+00	LT	1	1	
	EW43	IH-43 (SB)	609+00	LT	1	1	
	EW44	IH-43 (SB)	612+00	LT	-	1	
	EW45	IH-43 (SB)	614+00	LT	1	1	
	EW46	IH-43 (SB)	623+90	LT	1	1	
	EW47	IH-43 (SB)	633+00	LT	1	1	
	EW49	IH-43 (SB)	698+85	LT	-	1	
	EW50	IH-43 (SB)	709+90	LT	-	1	

Addendum No. 02  
ID 1090-09-76  
Revised Sheet 249  
January 3, 2024

CULVERT PIPES MARKERS

CATEGORY	CULVERT/INLET NUMBER	ROADWAY (R/L)	STATION	LOCATION	CLEANING CULVERT PIPES	520.8700 EACH	633.5200 MARKERS CULVERT END	REMARKS
	EW51	IH 43 (SB)	716+80	LT	1	1		REFER TO EROSION CONTROL PLANS TO SEE LOCATIONS
	EW52	IH 43 (SB)	722+00	LT	1	1		
	EW53	IH 43 (SB)	729+50	LT	1	1		
	EW54	IH 43 (SB)	734+80	LT	1	1		
	EW55	IH 43 (SB)	743+80	LT	-	-		
	EW56	IH 43 (SB)	756+80	LT	1	1		
	EW57	IH 43 (SB)	766+30	LT	1	1		
	EW58	IH 43 (SB)	776+60	LT	1	1		
1000	EW70	RACINE AVE (NB)	194+50	RT	1	1		
	EW71	RACINE AVE (NB)	197+30	RT	1	1		
	EW72	RACINE AVE (NB)	198+70	RT	1	1		
	EW73	RACINE AVE (NB)	201+80	RT	1	1		
	EW74	RACINE AVE (NB)	203+00	RT	1	1		
	EW79	RACINE AVE (SB)	397+00	LT	1	1		
	EW78	RACINE AVE (SB)	399+00	LT	1	1		
	EW77	RACINE AVE (SB)	401+70	LT	1	1		
	EW76	RACINE AVE (SB)	403+00	LT	1	1		
	EW75	RACINE AVE (SB)	404+50	LT	1	1		
1000	EW59	IH 43 NB OFF RAMP TO RACINE AVE (RAMP)	631+70	RT	1	1		
	EW60	IH 43 NB OFF RAMP TO RACINE AVE (RAMP)	633+10	RT	1	1		
1000	EW61	IH 43 NB ON RAMP FROM RACINE AVE (RAMP)	634+40	LT	1	1		
	EW62	IH 43 NB ON RAMP FROM RACINE AVE (RAMP)	642+00	RT	1	1		
1000	EW64	IH 43 SB OFF RAMP TO RACINE AVE (RAMP)	638+50	RT	1	1		
	EW63	IH 43 SB OFF RAMP TO RACINE AVE (RAMP)	646+30	LT	1	1		
	EW48	IH 43 SB OFF RAMP TO RACINE AVE (RAMP)	647+00	LT	-	-		
1000	EW64	IH 43 NB OFF RAMP TO MOORLAND RD (NR)	778+05	RT	1	1		
1000	EW66	IH 43 NB ON RAMP FROM MOORLAND RD, LOOP RAMP (LR)	770+50	RT	1	1		
	EW65	IH 43 NB ON RAMP FROM MOORLAND RD, LOOP RAMP (LR)	770+50	LT	-	-		
	EW67	IH 43 NB ON RAMP FROM MOORLAND RD, LOOP RAMP (LR)	777+50	RT	1	1		
	EW68	IH 43 NB ON RAMP FROM MOORLAND RD, LOOP RAMP (LR)	777+50	LT	-	-		
	EW69	IH 43 NB ON RAMP FROM MOORLAND RD, LOOP RAMP (LR)	780+50	RT	1	1		
					UNDISTRIBUTED	15	20	
					TOTAL	80	101	

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Revised Sheet 252  
January 3, 2024

CATEGORY	ROADWAY (R/L)	STATION	TO	STATION	LOCATION	614.0220		614.0230		614.2300		614.2500		614.2610		614.2620		
						STEEL THRIE BEAM BULLNOSE TERMINAL EACH	UF	STEEL THRIE BEAM TERMINAL EACH	UF	MGS GUARDRAIL 3 GUARDRAIL 3	UF	MGS THRIE BEAM TRANSITION	UF	MGS GUARDRAIL TERMINAL EAT	EACH	MGS GUARDRAIL TERMINAL TYPE 2	EACH	
1000	IH 43 (NB)	509+53	-	512+15	LT	-	-	-	-	-	-	-	-	-	-	-	-	
		546+80	-	548+50	LT	2	123	-	-	-	-	-	-	-	-	-	-	-
		633+50	-	633+80	LT	2	245	-	-	-	-	-	-	-	-	-	-	-
		659+98	-	661+53	LT	-	-	70	39	63	63	39	39	1	1	-	-	-
		664+49	-	666+04	RT	-	-	70	39	63	63	39	39	1	1	-	-	-
		671+04	-	671+87	LT	-	-	42	8	75	75	8	8	-	-	1	1	-
		776+68	-	778+11	RT	-	-	65	39	50	50	39	39	1	1	-	-	-
1000	IH 43 (SB)	514+67	-	517+29	RT	-	-	-	-	-	-	-	-	-	-	-	-	
		547+50	-	549+30	RT	2	123	-	-	-	-	-	-	-	-	-	-	
		671+93	-	673+48	RT	-	-	70	39	63	63	39	39	1	1	-	-	
		674+98	-	676+52	LT	-	-	70	39	63	63	39	39	1	1	-	-	
1000	IH 43 NB ON RAMP FROM MOORLAND RD LOOP RAMP (LR)	780+33	-	781+50	RT	-	-	10	25	25	39	1	1	-	-	-		
TOTAL						6	491	601	400	245	6	1						

614.0397 GUARDRAIL MOW STRIP EMULSIFIED ASPHALT SY

MOBILIZATION

CATEGORY	PROJECT	MOBILIZATION EACH
1000	1090-09-76	1
<b>TOTAL</b>		<b>1</b>

CATEGORY	ROADWAY (R/L)	STATION	TO	STATION	LOCATION	LF
1000	IH 43 (SB)	657+20	-	658+22	LT	188
<b>TOTAL</b>						<b>188</b>

616.0206  
FENCE CHAIN LINK  
6-FT  
LF

FENCE CHAIN LINK

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RESTORATION ITEMS

CATEGORY	ROADWAY (R/L)	STATION	TO	STATION	LOCATION	SY	FERTILIZER TYPE B	SEEDING MIXTURE NO. 20	SEEDING TEMPORARY	SEEDING NURSE CROP	SEED WATER	SPV.0085.01 NATIVE POLLINATOR SEEDING MIXTURE NO.90A
1000	IH 43 (NB)	467+35	-	780+00	RT	20,218	12	306	-	64	453	20
		467+35	-	780+00	LT	5,141	3	47	-	24	115	7
1000	IH 43 (SB)	467+52	-	780+93	RT	3,292	2	3	-	23	74	7
		467+52	-	780+93	LT	915	0.3	25	-	-	20	-
1000	COMBINATION IH 43 (NB) IH 43 NB OFF RAMP TO RACINE AVE (RAMP)	547+49	-	617+72	RT	10,131	6	-	-	73	227	22
		618+89	-	632+40								
1000	COMBINATION IH 43 (NB) IH 43 NB OFF RAMP TO MOORLAND RD (NR)	759+60	-	763+00	RT	1,510	-	41	-	-	34	-
		763+00	-	781+31								
1000	IH 43 NB ON RAMP FROM RACINE AVE (RAMP)	632+85	-	656+49	RT	2,710	2	73	-	-	61	-
1000	IH 43 NB ON RAMP FROM MOORLAND RD, LOOP RAMP (LR)	762+94	-	769+95	RT	724	0.5	20	-	-	16	-
		779+05	-	780+83	RT	148	0.1	4	-	-	3	-
1000	IH 43 NB ON RAMP FROM MOORLAND RD (RAMP)	786+96	-	787+90	RT	100	-	3	-	-	2	-
		787+90	-	795+38	RT	815	1	22	-	-	18	-
<b>UNDISTRIBUTED</b>						<b>4,570</b>	<b>7</b>	<b>136</b>	<b>310</b>	<b>46</b>	<b>256</b>	<b>14</b>
<b>TOTAL</b>						<b>50,274</b>	<b>34</b>	<b>678</b>	<b>310</b>	<b>230</b>	<b>1,280</b>	<b>71</b>

**GENERAL NOTES**

FENCE POSTS INSTALLED ON CONCRETE WALLS SHALL BE ANCHORED INTO EMBEDDED METAL SLEEVES OR CORED HOLE BY FILLING THE ANNULAR SPACE WITH PEA GRAVEL FOLLOWED BY AN EPOXY RESIN ADHESIVE. THE EPOXY RESIN ADHESIVE SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M 235, CLASS A, B OR C.

USE FENCE FABRIC KNUCKLED AT BOTH SELVAGES.

FOR LEAF GATES GREATER THAN 8 FEET WIDE-INSTALL INTERIOR VERTICAL BRACE RAIL AT 8 FOOT INTERVALS.

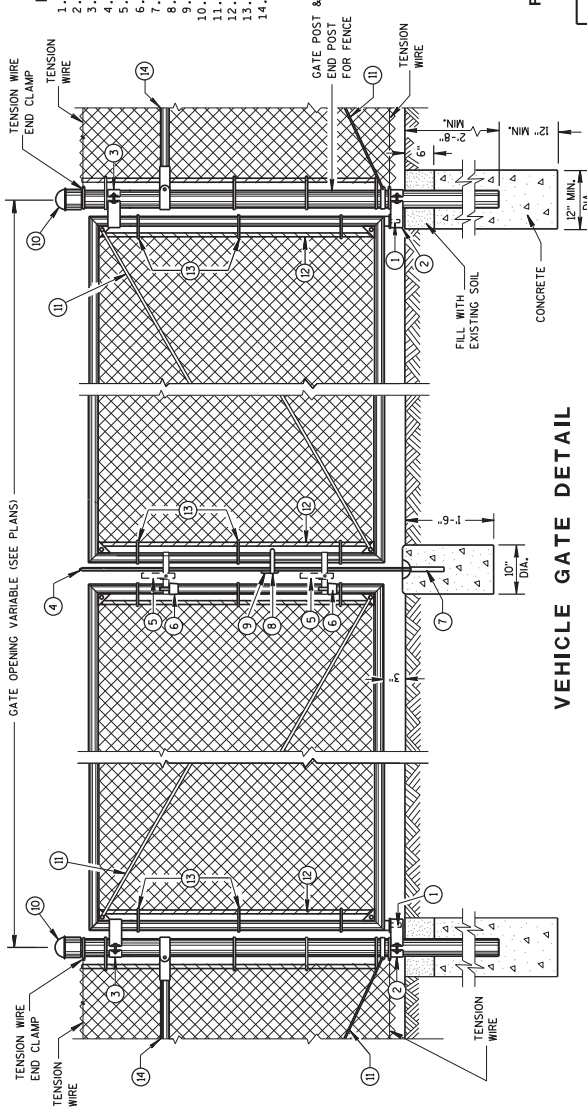
FOR FABRIC HEIGHTS GREATER THAN 8 FEET, INSTALL INTERIOR HORIZONTAL BRACE RAILS TO LEAF GATE.

MAXIMUM SAC FOR OUTER GATE MEMBER SHALL NOT EXCEED THE GREATER OF 1/4 OF THE LEAF GATE WIDTH OR 2 INCHES.

USE TYPE 2, CLASS 3, MARCELLED/CRIMPED, TENSION WIRE PER ASTM A BIT.

**LEGEND**

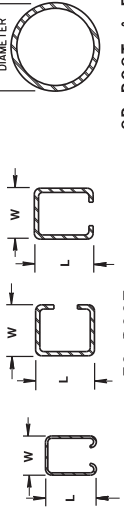
1. STRAIGHT PLUG
  2. BOTTOM HINGE
  3. TOP HINGE
  4. PLINGER ROD
  5. FULCRUM LATCH
  6. FORK CATCH \*
  7. PLINGER ROD CATCH
  8. LOCK KEEPER GUIDE
  9. LOCK KEEPER
  10. DOME TOPS
  11. TRUSS RODS
  12. TENSION BAR
  13. TENSION BANDS
  14. BRACE RAIL
- \*NOT REQUIRED ON SINGLE SWING PEDESTRIAN GATE



**VEHICLE GATE DETAIL**

**PEDESTRIAN GATE DETAIL**

**CROSS SECTIONS OF POSTS AND RAILS**



**ROLLED-FORMED STEEL FENCE POST  
(2.0 OZ./SQ. FT. COATING)**

POST TYPE	LENGTH (L) INCH	WIDTH (W) INCH	WEIGHT LBS./FT
FS1	1-625	1-25	1-35
FS2†	1-875	1-625	1-850
FS2	1-875	1-625	2-400
FS3	2-250	1-700	2-780

**ROUND STEEL FENCE POST  
(1.8 OZ./SQ. FT. COATING)**

POST TYPE	OUTSIDE DIMENSION INCH	WALL THICKNESS INCH	WEIGHT LBS./FT
SP1	1-660	0-140	2-270
SP2	1-900	0-145	2-720
SP3	2-375	0-154	3-650
SP4	2-875	0-203	5-800
SP5	4-000	0-226	9-120
SP6	6-625	0-280	18-990
SP7	8-625	0-322	28-580

**REQUIRED POST SIZE FOR GATES**

USE	LEAF WIDTHS FEET	POST TYPE
GATES	LESS THAN OR EQUAL TO 6 FT.	SP4
	LESS THAN OR EQUAL TO 13 FT.	SP5
	LESS THAN OR EQUAL TO 18 FT.	SP6
	LESS THAN OR EQUAL TO 23 FT.	SP7

**REQUIRED FENCE POST SIZES**

USE	FABRIC HEIGHTS FEET	POST TYPE
TERMINAL POSTS **	LESS THAN OR EQUAL TO 6 FT.	SP3
	GREATER THAN OR EQUAL TO 6 FT.	SP4
LINE POSTS	LESS THAN OR EQUAL TO 6 FT.	SP2
	LESS THAN OR EQUAL TO 8 FT.	SP3
	GREATER THAN OR EQUAL TO 8 FT.	SP4
TERMINAL POSTS **	LESS THAN OR EQUAL TO 8 FT.	FS2 OR FS2†
	GREATER THAN OR EQUAL TO 8 FT.	FS3

**BRACE RAIL TYPES**

USE	TYPE
BRACE RAIL	SP1 OR FS1

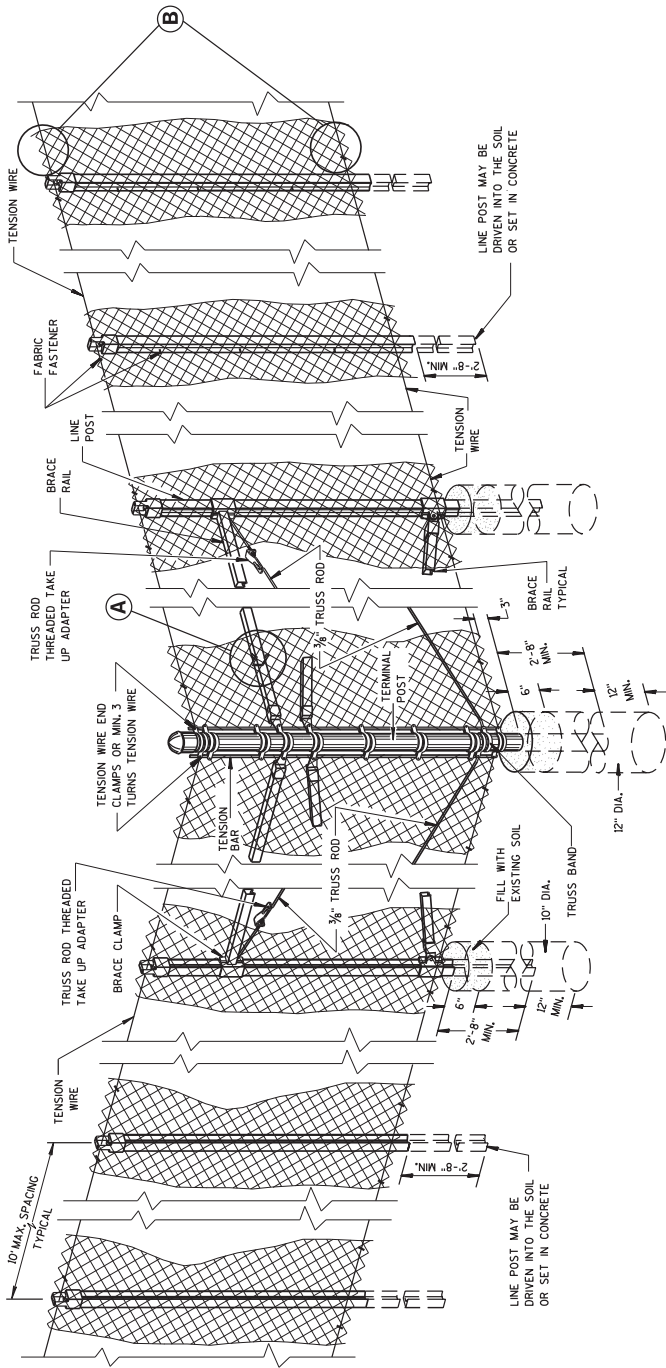
\*\* INCLUDES END, CORNER, ANGLE, INTERSECTION AND INTERMEDIATE BRACED POSTS

Addendum No. 02  
ID 1090-09-76  
Added Sheet 383A  
January 3, 2024

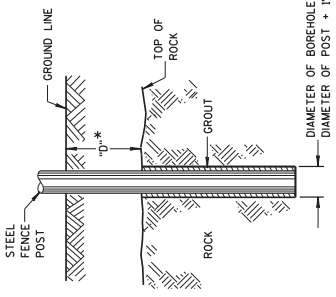
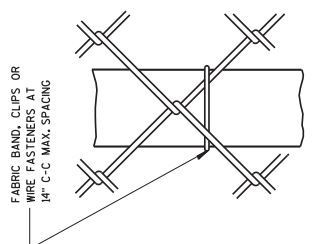
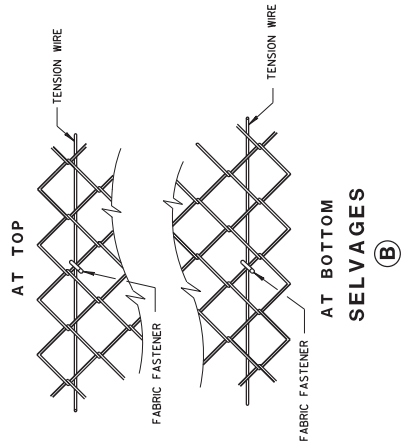
FENCE CHAIN LINK  
STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION



Addendum No. 02  
 ID 1090-09-76  
 Added Sheet 384A  
 January 3, 2024

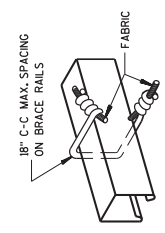


**END, CORNER, ANGLE  
 INTERSECTION & INTERMEDIATE  
 BRACED POSTS**

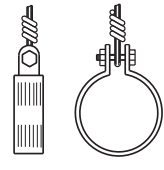


**ROCK INSTALLATION  
 OF LINE POST**

\* IF "D" IS LESS THAN 2'-6",  
 DRILL ROCK AND INSTALL GROUT



**BRACE RAIL  
 FABRIC FASTENER  
 (A)**



**TENSION WIRE END CLAMP**

<b>FENCE CHAIN LINK</b>
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION
APPROVED DATE FEB. 2015 /S/ Jeffrey H. Zogg ROADWAY STANDARDS DEVELOPMENT ENGINEER FHWA

384A



Proposal Schedule of Items

Proposal ID: 20240109008 Project(s): 1090-09-76

Federal ID(s): WISC 2024113

SECTION: 0001 Roadway

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0002	108.4400 CPM Progress Schedule	1.000 EACH	_____.	_____.
0004	201.0205 Grubbing	279.000 STA	_____.	_____.
0006	203.0220 Removing Structure (structure) 01. C-67-12	1.000 EACH	_____.	_____.
0008	204.0110 Removing Asphaltic Surface	40.000 SY	_____.	_____.
0010	204.0115 Removing Asphaltic Surface Butt Joints	1,738.000 SY	_____.	_____.
0012	204.0120 Removing Asphaltic Surface Milling	257,258.000 SY	_____.	_____.
0014	204.0126.S Removing Asphaltic Longitudinal Notched Wedge Joint Milling	57,236.000 LF	_____.	_____.
0016	204.0150 Removing Curb & Gutter	805.000 LF	_____.	_____.
0018	204.0155 Removing Concrete Sidewalk	124.000 SY	_____.	_____.
0020	204.0165 Removing Guardrail	1,815.000 LF	_____.	_____.
0022	204.0170 Removing Fence	188.000 LF	_____.	_____.
0024	204.0245 Removing Storm Sewer (size) 01. 36- Inch	16.000 LF	_____.	_____.
0026	204.0245 Removing Storm Sewer (size) 02. 18- Inch	16.000 LF	_____.	_____.
0028	204.9035.S Removing (item description) 01. RIPRAP	7.000 CY	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20240109008 Project(s): 1090-09-76

Federal ID(s): WISC 2024113

SECTION: 0001 Roadway

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0030	204.9060.S Removing (item description) 01. APRON ENDWALL FOR CULVERT PIPE REINFORCED CONCRETE 18-INCH	2.000 EACH	_____.	_____.
0032	204.9060.S Removing (item description) 02. APRON ENDWALL FOR CULVERT PIPE REINFORCED CONCRETE 30-INCH	1.000 EACH	_____.	_____.
0034	204.9060.S Removing (item description) 03. APRON ENDWALL FOR CULVERT PIPE REINFORCED CONCRETE 36-INCH	1.000 EACH	_____.	_____.
0036	204.9060.S Removing (item description) 04. APRON ENDWALL FOR CULVERT PIPE REINFORCED CONCRETE 42-INCH	3.000 EACH	_____.	_____.
0038	204.9090.S Removing (item description) 01. UNDERDRAIN	18.000 LF	_____.	_____.
0040	205.0100 Excavation Common	431.000 CY	_____.	_____.
0042	206.2001 Excavation for Structures Culverts (structure) 01. C-67-12	1.000 EACH	_____.	_____.
0044	206.5001 Cofferdams (structure) 01. C-67-12	1.000 EACH	_____.	_____.
0046	208.0100 Borrow	414.000 CY	_____.	_____.
0048	210.2500 Backfill Structure Type B	130.000 TON	_____.	_____.
0050	213.0100 Finishing Roadway (project) 01. 1090-09-76	1.000 EACH	_____.	_____.
0052	305.0110 Base Aggregate Dense 3/4-Inch	1,057.000 TON	_____.	_____.
0054	390.0100 Removing Pavement for Base Patching	13,444.000 CY	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20240109008 Project(s): 1090-09-76

Federal ID(s): WISC 2024113

SECTION: 0001 Roadway

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0056	390.0405 Base Patching Concrete SHES	13,444.000 CY	_____.	_____.
0058	416.0610 Drilled Tie Bars	10,350.000 EACH	_____.	_____.
0060	416.0620 Drilled Dowel Bars	27,306.000 EACH	_____.	_____.
0062	416.0752.S Concrete Pavement Partial Depth Repair Crack Repair	62.000 LF	_____.	_____.
0064	416.1710 Concrete Pavement Repair	219.000 SY	_____.	_____.
0066	416.1720 Concrete Pavement Replacement	141.000 SY	_____.	_____.
0068	416.1725 Concrete Pavement Replacement SHES	903.000 SY	_____.	_____.
0070	455.0605 Tack Coat	27,322.000 GAL	_____.	_____.
0072	460.0105.S HMA Percent Within Limits (PWL) Test Strip Volumetrics	1.000 EACH	_____.	_____.
0074	460.0110.S HMA Percent Within Limits (PWL) Test Strip Density	1.000 EACH	_____.	_____.
0076	460.0115.S HMA Pavement Test Strip Volumetrics	1.000 EACH	_____.	_____.
0078	460.0120.S HMA Pavement Test Strip Density	1.000 EACH	_____.	_____.
0080	460.2000 Incentive Density HMA Pavement	11,030.000 DOL	1.00000	11,030.00
0082	460.2005 Incentive Density PWL HMA Pavement	21,420.000 DOL	1.00000	21,420.00
0084	460.2007 Incentive Density HMA Pavement Longitudinal Joints	11,450.000 DOL	1.00000	11,450.00



Proposal Schedule of Items

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Federal ID(s): WISC 2024113

SECTION: 0001 Roadway

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0086	460.2010 Incentive Air Voids HMA Pavement	40,020.000 DOL	1.00000	40,020.00
0088	460.5224 HMA Pavement 4 LT 58-28 S	978.000 TON	_____	_____
0090	460.6224 HMA Pavement 4 MT 58-28 S	18,591.000 TON	_____	_____
0092	460.7224 HMA Pavement 4 HT 58-28 S	21,415.000 TON	_____	_____
0094	460.8424 HMA Pavement 4 SMA 58-28 H	17,232.000 TON	_____	_____
0096	460.9000.S Material Transfer Vehicle	1.000 EACH	_____	_____
0098	465.0105 Asphaltic Surface	128.000 TON	_____	_____
0100	465.0110 Asphaltic Surface Patching	433.000 TON	_____	_____
0102	465.0310 Asphaltic Curb	137.000 LF	_____	_____
0104	465.0315 Asphaltic Flumes	33.000 SY	_____	_____
0106	465.0510 Asphaltic Rumble Strips, Shoulder Divided Roadway	117,231.000 LF	_____	_____
0108	502.4204 Adhesive Anchors No. 4 Bar	26.000 EACH	_____	_____
0110	504.0100 Concrete Masonry Culverts	13.000 CY	_____	_____
0112	505.0600 Bar Steel Reinforcement HS Coated Structures	1,260.000 LB	_____	_____
0114	509.1500 Concrete Surface Repair	425.000 SF	_____	_____



Proposal Schedule of Items

Proposal ID: 20240109008 Project(s): 1090-09-76

Federal ID(s): WISC 2024113

SECTION: 0001 Roadway

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0116	511.1200 Temporary Shoring (structure) 01. C-67-12	270.000 SF	_____.	_____.
0118	516.0500 Rubberized Membrane Waterproofing	6.000 SY	_____.	_____.
0120	520.8700 Cleaning Culvert Pipes	80.000 EACH	_____.	_____.
0122	522.0118 Culvert Pipe Reinforced Concrete Class III 18-Inch	16.000 LF	_____.	_____.
0124	522.0136 Culvert Pipe Reinforced Concrete Class III 36-Inch	16.000 LF	_____.	_____.
0126	522.1018 Apron Endwalls for Culvert Pipe Reinforced Concrete 18-Inch	2.000 EACH	_____.	_____.
0128	522.1030 Apron Endwalls for Culvert Pipe Reinforced Concrete 30-Inch	1.000 EACH	_____.	_____.
0130	522.1036 Apron Endwalls for Culvert Pipe Reinforced Concrete 36-Inch	1.000 EACH	_____.	_____.
0132	522.1042 Apron Endwalls for Culvert Pipe Reinforced Concrete 42-Inch	3.000 EACH	_____.	_____.
0134	531.1100 Concrete Masonry Ancillary Structures Type NS	5.000 CY	_____.	_____.
0136	531.1140 Steel Reinforcement HS Ancillary Structures Type NS	580.000 LB	_____.	_____.
0138	531.2024 Drilling Shaft 24-Inch	20.000 LF	_____.	_____.
0140	601.0409 Concrete Curb & Gutter 30-Inch Type A	665.000 LF	_____.	_____.
0142	601.0411 Concrete Curb & Gutter 30-Inch Type D	109.000 LF	_____.	_____.



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Proposal ID: 20240109008 Project(s): 1090-09-76

Federal ID(s): WISC 2024113

SECTION: 0001 Roadway

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0144	601.0553 Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type D	162.000 LF	_____.	_____.
0146	601.0580 Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type R	32.000 LF	_____.	_____.
0148	602.0410 Concrete Sidewalk 5-Inch	1,119.000 SF	_____.	_____.
0150	602.0505 Curb Ramp Detectable Warning Field Yellow	20.000 SF	_____.	_____.
0152	602.3010 Concrete Surface Drains	9.000 CY	_____.	_____.
0154	604.9015.S Reseal Crushed Aggregate Slope Paving	189.000 SY	_____.	_____.
0156	606.0100 Riprap Light	3.000 CY	_____.	_____.
0158	606.0200 Riprap Medium	40.000 CY	_____.	_____.
0160	606.0300 Riprap Heavy	61.000 CY	_____.	_____.
0162	611.8115 Adjusting Inlet Covers	1.000 EACH	_____.	_____.
0164	612.0204 Pipe Underdrain Unperforated 4-Inch	20.000 LF	_____.	_____.
0166	612.0804 Apron Endwalls for Underdrain Reinforced Concrete 4-Inch	1.000 EACH	_____.	_____.
0168	614.0220 Steel Thrie Beam Bullnose Terminal	6.000 EACH	_____.	_____.
0170	614.0230 Steel Thrie Beam	491.000 LF	_____.	_____.
0174	614.0950 Replacing Guardrail Posts and Blocks	39.000 EACH	_____.	_____.



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SECTION: 0001 Roadway

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0176	614.0951 Replacing Guardrail Rail and Hardware	47.000 LF	_____.	_____.
0178	614.0953 Replacing EAT Reflective Panel	4.000 EACH	_____.	_____.
0180	614.2300 MGS Guardrail 3	400.000 LF	_____.	_____.
0182	614.2500 MGS Thrie Beam Transition	245.000 LF	_____.	_____.
0184	614.2610 MGS Guardrail Terminal EAT	6.000 EACH	_____.	_____.
0186	614.2620 MGS Guardrail Terminal Type 2	1.000 EACH	_____.	_____.
0190	619.1000 Mobilization	1.000 EACH	_____.	_____.
0192	625.0100 Topsoil	50,274.000 SY	_____.	_____.
0194	628.1504 Silt Fence	5,715.000 LF	_____.	_____.
0196	628.1520 Silt Fence Maintenance	5,715.000 LF	_____.	_____.
0198	628.1530.S Silt Fence Heavy Duty	590.000 LF	_____.	_____.
0200	628.1535.S Silt Fence Heavy Duty Maintenance	590.000 LF	_____.	_____.
0202	628.1905 Mobilizations Erosion Control	2.000 EACH	_____.	_____.
0204	628.1910 Mobilizations Emergency Erosion Control	2.000 EACH	_____.	_____.
0206	628.2004 Erosion Mat Class I Type B	53,674.000 SY	_____.	_____.
0208	628.2027 Erosion Mat Class II Type C	3,456.000 SY	_____.	_____.





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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0210	628.7010 Inlet Protection Type B	48.000 EACH	_____.	_____.
0212	628.7015 Inlet Protection Type C	56.000 EACH	_____.	_____.
0214	628.7504 Temporary Ditch Checks	14,303.000 LF	_____.	_____.
0216	628.7555 Culvert Pipe Checks	15.000 EACH	_____.	_____.
0218	628.7560 Tracking Pads	36.000 EACH	_____.	_____.
0220	628.7570 Rock Bags	75.000 EACH	_____.	_____.
0222	629.0210 Fertilizer Type B	34.000 CWT	_____.	_____.
0224	630.0120 Seeding Mixture No. 20	678.000 LB	_____.	_____.
0226	630.0200 Seeding Temporary	310.000 LB	_____.	_____.
0228	630.0400 Seeding Nurse Crop	230.000 LB	_____.	_____.
0230	630.0500 Seed Water	1,280.000 MGAL	_____.	_____.
0232	633.0100 Delineator Posts Steel	368.000 EACH	_____.	_____.
0234	633.0500 Delineator Reflectors	571.000 EACH	_____.	_____.
0236	633.5200 Markers Culvert End	101.000 EACH	_____.	_____.
0238	634.0618 Posts Wood 4x6-Inch X 18-FT	92.000 EACH	_____.	_____.
0240	634.0622 Posts Wood 4x6-Inch X 22-FT	2.000 EACH	_____.	_____.



Proposal Schedule of Items

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SECTION: 0001 Roadway

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0242	634.0814 Posts Tubular Steel 2x2-Inch X 14-FT	4.000 EACH	_____.	_____.
0244	635.0200 Sign Supports Structural Steel HS	2,800.000 LB	_____.	_____.
0246	635.0300 Sign Supports Replacing Base Connection Bolts	32.000 EACH	_____.	_____.
0248	637.1220 Signs Type I Reflective SH	4,154.500 SF	_____.	_____.
0250	637.2210 Signs Type II Reflective H	499.570 SF	_____.	_____.
0252	637.2215 Signs Type II Reflective H Folding	37.500 SF	_____.	_____.
0254	637.2230 Signs Type II Reflective F	247.500 SF	_____.	_____.
0256	638.2101 Moving Signs Type I	4.000 EACH	_____.	_____.
0258	638.2102 Moving Signs Type II	7.000 EACH	_____.	_____.
0260	638.2601 Removing Signs Type I	32.000 EACH	_____.	_____.
0262	638.2602 Removing Signs Type II	76.000 EACH	_____.	_____.
0264	638.3000 Removing Small Sign Supports	90.000 EACH	_____.	_____.
0266	638.3100 Removing Structural Steel Sign Supports	4.000 EACH	_____.	_____.
0268	643.0300 Traffic Control Drums	39,085.000 DAY	_____.	_____.
0270	643.0420 Traffic Control Barricades Type III	7,475.000 DAY	_____.	_____.
0272	643.0500 Traffic Control Flexible Tubular Marker Posts	11.000 EACH	_____.	_____.



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SECTION: 0001 Roadway

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0274	643.0600 Traffic Control Flexible Tubular Marker Bases	11.000 EACH	_____.	_____.
0276	643.0705 Traffic Control Warning Lights Type A	14,951.000 DAY	_____.	_____.
0278	643.0715 Traffic Control Warning Lights Type C	5,128.000 DAY	_____.	_____.
0280	643.0800 Traffic Control Arrow Boards	504.000 DAY	_____.	_____.
0282	643.0900 Traffic Control Signs	18,467.000 DAY	_____.	_____.
0284	643.0920 Traffic Control Covering Signs Type II	199.000 EACH	_____.	_____.
0286	643.1050 Traffic Control Signs PCMS	227.000 DAY	_____.	_____.
0288	643.1070 Traffic Control Cones 42-Inch	15.000 DAY	_____.	_____.
0290	643.1205.S Basic Traffic Queue Warning System	199.000 DAY	_____.	_____.
0292	643.1500 Traffic Control Speed Radar Trailer	398.000 DAY	_____.	_____.
0294	643.3165 Temporary Marking Line Paint 6-Inch	262,698.000 LF	_____.	_____.
0296	643.3265 Temporary Marking Line Paint 10-Inch	6,189.000 LF	_____.	_____.
0298	643.4100 Traffic Control Interim Lane Closure	199.000 EACH	_____.	_____.
0300	643.5000 Traffic Control	1.000 EACH	_____.	_____.
0302	644.1810 Temporary Pedestrian Barricade	350.000 LF	_____.	_____.
0304	645.0120 Geotextile Type HR	313.000 SY	_____.	_____.



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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0306	645.0130 Geotextile Type R	13.000 SY	_____.	_____.
0308	646.1020 Marking Line Epoxy 4-Inch	540.000 LF	_____.	_____.
0310	646.2020 Marking Line Epoxy 6-Inch	7,804.000 LF	_____.	_____.
0312	646.2025 Marking Line Grooved Black Epoxy 6-Inch	26,232.000 LF	_____.	_____.
0314	646.2040 Marking Line Grooved Wet Ref Epoxy 6-Inch	134,334.000 LF	_____.	_____.
0316	646.2050 Marking Line Grooved Permanent Tape 6-Inch	26,232.000 LF	_____.	_____.
0318	646.3020 Marking Line Epoxy 8-Inch	5,017.000 LF	_____.	_____.
0320	646.4020 Marking Line Epoxy 10-Inch	1,215.000 LF	_____.	_____.
0322	646.4025 Marking Line Grooved Black Epoxy 10-Inch	576.000 LF	_____.	_____.
0324	646.4050 Marking Line Grooved Permanent Tape 10-Inch	6,011.000 LF	_____.	_____.
0326	646.5020 Marking Arrow Epoxy	49.000 EACH	_____.	_____.
0328	646.5120 Marking Word Epoxy	24.000 EACH	_____.	_____.
0330	646.5220 Marking Symbol Epoxy	5.000 EACH	_____.	_____.
0332	646.5520 Marking Outfall Epoxy	242.000 EACH	_____.	_____.
0334	646.6120 Marking Stop Line Epoxy 18-Inch	82.000 LF	_____.	_____.



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SECTION: 0001 Roadway

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0336	646.6220 Marking Yield Line Epoxy 18-Inch	11.000 EACH	_____.	_____.
0338	646.6320 Marking Dotted Extension Epoxy 18-Inch	202.000 LF	_____.	_____.
0340	646.6466 Cold Weather Marking Epoxy 6-Inch	18,679.000 LF	_____.	_____.
0342	646.6470 Cold Weather Marking Epoxy 10-Inch	510.000 LF	_____.	_____.
0344	646.7120 Marking Diagonal Epoxy 12-Inch	3,130.000 LF	_____.	_____.
0346	646.7220 Marking Chevron Epoxy 24-Inch	588.000 LF	_____.	_____.
0348	646.7420 Marking Crosswalk Epoxy Transverse Line 6-Inch	102.000 LF	_____.	_____.
0350	646.8120 Marking Curb Epoxy	30.000 LF	_____.	_____.
0352	646.8220 Marking Island Nose Epoxy	3.000 EACH	_____.	_____.
0354	646.8320 Marking Parking Stall Epoxy	4,279.000 LF	_____.	_____.
0356	646.9050 Marking Removal Line Grooved Permanent Tape 4-Inch	1,580.000 LF	_____.	_____.
0358	646.9150 Marking Removal Line Grooved Permanent Tape 8-Inch	3,483.000 LF	_____.	_____.
0360	646.9200 Marking Removal Line Wide	238.000 LF	_____.	_____.
0362	646.9300 Marking Removal Special Marking	43.000 EACH	_____.	_____.
0364	646.9400 Marking Removal Plowable Raised Pavement Markers	39.000 EACH	_____.	_____.



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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0366	652.0700.S Install Conduit into Existing Item	5.000 EACH	_____.	_____.
0368	653.0140 Pull Boxes Steel 24x42-Inch	2.000 EACH	_____.	_____.
0370	653.0905 Removing Pull Boxes	2.000 EACH	_____.	_____.
0372	655.0515 Electrical Wire Traffic Signals 10 AWG	35,380.000 LF	_____.	_____.
0374	670.0101 Field System Integrator	1.000 EACH	_____.	_____.
0376	670.0201 ITS Documentation	1.000 EACH	_____.	_____.
0378	671.0112 Conduit HDPE 1-Duct 2-Inch	205.000 LF	_____.	_____.
0380	671.0132 Conduit HDPE 3-Duct 2-Inch	31,030.000 LF	_____.	_____.
0382	671.0212 Conduit HDPE Directional Bore 1-Duct 2-Inch	215.000 LF	_____.	_____.
0384	671.0232 Conduit HDPE Directional Bore 3-Duct 2-Inch	2,255.000 LF	_____.	_____.
0386	671.0300 Fiber Optic Cable Marker	107.000 EACH	_____.	_____.
0388	673.0105 Communication Vault Type 1	25.000 EACH	_____.	_____.
0390	673.0200 Tracer Wire Marker Posts	8.000 EACH	_____.	_____.
0392	674.0300 Remove Cable	70.000 LF	_____.	_____.
0394	674.0400 Reinstall Cable	10.000 LF	_____.	_____.



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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0396	678.0006 Install Fiber Optic Cable Outdoor Plant 6-CT	3,510.000 LF	_____.	_____.
0398	678.0072 Install Fiber Optic Cable Outdoor Plant 72-CT	35,985.000 LF	_____.	_____.
0400	678.0200 Fiber Optic Splice Enclosure	5.000 EACH	_____.	_____.
0402	678.0300 Fiber Optic Splice	300.000 EACH	_____.	_____.
0404	678.0400 Fiber Optic Termination	24.000 EACH	_____.	_____.
0406	678.0501 Communication System Testing	1.000 EACH	_____.	_____.
0408	678.0600 Install Ethernet Switches	3.000 EACH	_____.	_____.
0410	690.0150 Sawing Asphalt	368.000 LF	_____.	_____.
0412	690.0250 Sawing Concrete	79,915.000 LF	_____.	_____.
0414	ASP.1T0A On-the-Job Training Apprentice at \$5.00/HR	6,300.000 HRS	5.00000	31,500.00
0416	ASP.1T0G On-the-Job Training Graduate at \$5.00/HR	17,280.000 HRS	5.00000	86,400.00
0418	SPV.0045 Special 01. Digital Speed Reduction System (DSRS)	199.000 DAY	_____.	_____.
0420	SPV.0060 Special 02. FIELD FACILITIES OFFICE SPACE	1.000 EACH	_____.	_____.
0422	SPV.0060 Special 03. TRAFFIC CONTROL CLOSE-OPEN FREEWAY ENTRANCE RAMP	84.000 EACH	_____.	_____.



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SECTION: 0001 Roadway

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0424	SPV.0060 Special 04. TRAFFIC CONTROL LOCAL ROAD LANE CLOSURE	36.000 EACH	_____.	_____.
0426	SPV.0060 Special 05. MOBILIZATIONS EMERGENCY PAVEMENT REPAIR	2.000 EACH	_____.	_____.
0428	SPV.0060 Special 06. SURVEY PROJECT 1090-09-76	1.000 EACH	_____.	_____.
0430	SPV.0060 Special 07. LOCATE AND CLEAN EXISTING UNDERDRAIN OUTFALLS	242.000 EACH	_____.	_____.
0432	SPV.0060 Special 08. REMOVING BUS SHELTER	1.000 EACH	_____.	_____.
0434	SPV.0060 Special 20. REPAIR CONDUIT	4.000 EACH	_____.	_____.
0436	SPV.0060 Special 21. POWER WIRE SPLICE	3.000 EACH	_____.	_____.
0438	SPV.0060 Special 22. REMOVE ETHERNET RADIO	8.000 EACH	_____.	_____.
0440	SPV.0060 Special 23. REMOVING CONTROLLER CABINET	4.000 EACH	_____.	_____.
0442	SPV.0060 Special 24. REMOVING CONTROLLER CABINET BASE	4.000 EACH	_____.	_____.
0444	SPV.0060 Special 25. EXPOSING EXISTING INFRASTRUCTURE PAVED AREA	5.000 EACH	_____.	_____.
0446	SPV.0060 Special 26. EXPOSING EXISTING INFRASTRUCTURE UNPAVED AREA	5.000 EACH	_____.	_____.
0448	SPV.0060 Special 40. Strapping C-67-12	1.000 EACH	_____.	_____.
0450	SPV.0075 Special 01. PAVEMENT CLEANUP PROJECT 1090-09-76	100.000 HRS	_____.	_____.





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SECTION: 0001 Roadway

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0452	SPV.0085 Special 01. Native Pollinator Seeding Mixture No. 90A	71.000 LB	_____.	_____.
0454	SPV.0090 Special 01. MARKING EPOXY 6-INCH BLACK NON GROOVED	175.000 LF	_____.	_____.
0456	SPV.0090 Special 40. Joint Sealing	30.000 LF	_____.	_____.
0458	SPV.0180 Special 01. EXCAVATION OF PHRAGMITES CONTAMINATED SOIL	389.000 SY	_____.	_____.
0460	SPV.0180 Special 02. HERBICIDE APPLICATION	389.000 SY	_____.	_____.
0462	SPV.0180 Special 03. REMOVING HIGH FRICTION SURFACE TREATMENT	6,846.000 SY	_____.	_____.
0464	SPV.0180 Special 04. RESIN BINDER HIGH FRICTION SURFACE TREATMENT	6,846.000 SY	_____.	_____.
0466	SPV.0180 Special 05. MICROMILLING	73,435.000 SY	_____.	_____.
0468	SPV.0180 Special 40. Methacrylate Flood Seal	2,404.000 SY	_____.	_____.
0470	SPV.0195 Special 01. HMA LONGITUDINAL JOINT REPAIR	2,533.000 TON	_____.	_____.
0472	SPV.0195 Special 02. HMA TRANSVERSE JOINT REPAIR	405.000 TON	_____.	_____.
0474	614.0397 Guardrail Mow Strip Emulsified Asphalt	601.000 SY	_____.	_____.
0476	616.0206 Fence Chain Link 6-FT	188.000 LF	_____.	_____.

Section: 0001

Total: \_\_\_\_\_.

Total Bid: \_\_\_\_\_.

