



Wisconsin Department of Transportation

August 29, 2016

Division of Transportation Systems Development

Bureau of Project Development
4802 Sheboygan Avenue, Rm 601
P O Box 7916
Madison, WI 53707-7916

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

NOTICE TO ALL CONTRACTORS:

**Proposal #4: 2140-13-70, WISC 2016 306
N. 76th Street, City of Milwaukee
Grantosa Drive to Florist Avenue
STH 181
Milwaukee County**

Letting of September 13, 2016

This is Addendum No. 01, which provides for the following:

Special Provisions

Revised Special Provisions	
Article No.	Description
8	Public Convenience and Safety

Deleted Special Provisions	
Article No.	Description
16	High Performance Dowel Bars for Concrete Pavement

Schedule of Items

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
465.0120	Asphaltic Surface Driveways and Field Entrances	Ton	39	3	42
465.0125	Asphaltic Surface Temporary	Ton	291	26	317
SPV.1095.01	HMA Pavement 3MT 58-28 S 3% VA Regression Special	Ton	5,557	782	6,339
SPV.1095.02	HMA Pavement 4MT 58-28 S 3% VA Regression Special	Ton	4,384	398	4,782

Plan Sheets

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
257	Miscellaneous Quantity (Revised Asphalt Quantities)

Added Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of why sheet was added)
381A	SDD - Fence Chain Link
381B	SDD - Fence Chain Link

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

ADDENDUM NO. 01

2140-13-70

August 29, 2016

Special Provisions

8. Public Convenience and Safety.

Replace entire article language with the following:

Revise standard spec 107.8(6) as follows:

Check for and comply with local ordinances governing the hours of operation of construction equipment. Do not operate motorized construction equipment from 9:00 PM until the following 7:00 AM, unless prior written approval is obtained from the engineer. Nighttime work will be allowed for the removal of existing bridge, placement of the new bridge girders, bridge deck pours, and as otherwise approved by the engineer to facilitate construction. Obtain written approval from the engineer for nighttime work operations prior to performing construction activities.

16. DELETED

Schedule of Items

Attached, dated August 29, 2016, are the revised Schedule of Items Pages 4 and 27.

Plan Sheets

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

Revised: 257

Added: 381A and 381B

END OF ADDENDUM

Addendum No. 01
ID 2140-13-70
Revised Sheet 257
August 29, 2016

CONCRETE PAVEMENT 9 1/2-INCH		CAT 10		CONCRETE PAVEMENT 9 1/2-INCH		CAT 10	
415.0095		415.0210		415.1095		415.0610	
STREET	FROM	TO	SY	STREET	FROM	TO	SY
STH 181	87+23	104+00	267	STH 181	87+23	104+00	681
STH 181	104+00	115+55	107	STH 181	104+00	115+55	577
STH 181	115+55	126+46	7,577	STH 181	115+55	126+46	30
STH 181	126+46	139+90	160	STH 181	126+46	139+90	541
STH 181	139+90	147+19	107	STH 181	139+90	147+19	335
RAMP NW	100+868	107+088	0	RAMP NW	100+868	107+088	4
RAMP NE	100+44C	106+69C	0	RAMP NE	100+44C	106+69C	2
RAMP SE	100+80D	106+04D	0	RAMP SE	100+80D	106+04D	2
RAMP SW	99+22E	104+04E	0	RAMP SW	99+22E	104+04E	7
PROJECT TOTAL			8,217	PROJECT TOTAL			3,266

CONCRETE PAVEMENT GAPS		CAT 10	
415.0210		415.0610	
STATION	TO	FROM	SY
124+00 - 126+00	3		
PROJECT TOTAL		3	

CONCRETE PAVEMENT APPROACH SLAB		CAT 10	
415.0410		415.0610	
STATION	TO	FROM	SY
120+09.75 TO 120+24.75	157		
121+83.25 TO 121+98.25	157		
PROJECT TOTAL		314	

DRILLED TIE BARS		CAT 10	
415.0210		415.0610	
STREET	FROM	TO	EACH
STH 181	87+23	104+00	681
STH 181	104+00	115+55	577
STH 181	115+55	126+46	30
STH 181	126+46	139+90	541
STH 181	139+90	147+19	335
RAMP NW	100+868	107+088	4
RAMP NE	100+44C	106+69C	2
RAMP SE	100+80D	106+04D	2
RAMP SW	99+22E	104+04E	7
PROJECT TOTAL			3,266

CONCRETE DRIVEWAY HES 7-INCH		CAT 10	
416.0270		416.0620	
STREET	FROM	TO	SY
STH 181	87+23	104+00	157
STH 181	104+00	115+55	46
STH 181	115+55	126+46	80
STH 181	126+46	139+90	37
STH 181	139+90	147+19	80
PROJECT TOTALS			400

CONCRETE CURB & GUTTER (ALL ITEMS CAT 10)		CAT 10	
416.0620		416.0620	
STREET	FROM	TO	SY
STH 181	87+23	104+00	1,552
STH 181	104+00	115+55	1,152
STH 181	115+55	126+46	0
STH 181	126+46	139+90	1,616
STH 181	139+90	147+19	720
PROJECT TOTAL			5,040

ASPHALTIC PAVEMENT		CAT 10	
416.0620		416.0620	
STREET	FROM	TO	SY
STH 181	87+23	104+00	1,552
STH 181	104+00	115+55	1,152
STH 181	115+55	126+46	0
STH 181	126+46	139+90	1,616
STH 181	139+90	147+19	720
PROJECT TOTALS			5,040

CONCRETE CURB & GUTTER (ALL ITEMS CAT 10)		CAT 10	
416.0620		416.0620	
STREET	FROM	TO	SY
STH 181	87+23	104+00	1,552
STH 181	104+00	115+55	1,152
STH 181	115+55	126+46	0
STH 181	126+46	139+90	1,616
STH 181	139+90	147+19	720
PROJECT TOTAL			5,040

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STH 181	87+23	104+00	1,552
STH 181	104+00	115+55	1,152
STH 181	115+55	126+46	0
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STH 181	139+90	147+19	720
PROJECT TOTALS			5,040

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416.0620		416.0620	
STREET	FROM	TO	SY
STH 181	87+23	104+00	1,552
STH 181	104+00	115+55	1,152
STH 181	115+55	126+46	0
STH 181	126+46	139+90	1,616
STH 181	139+90	147+19	720
PROJECT TOTALS			5,040

PROJECT NO: 2140-13-70
HWY: STH 181
COUNTY: MILWAUKEE
MISCELLANEOUS QUANTITIES
SHEET 257
E

FILE NAME : \$\$\$...des\gpf\le...
PLOT DATE : \$\$\$...plot\ingdate...
PLOT BY : \$\$\$...plotuser...
PLOT NAME :
PLOT SCALE : \$\$\$...plot\scale...
WISDOT/CADD SHEET 43

ALL QUANTITIES ARE CATEGORY 10 UNLESS OTHERWISE NOTED

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.

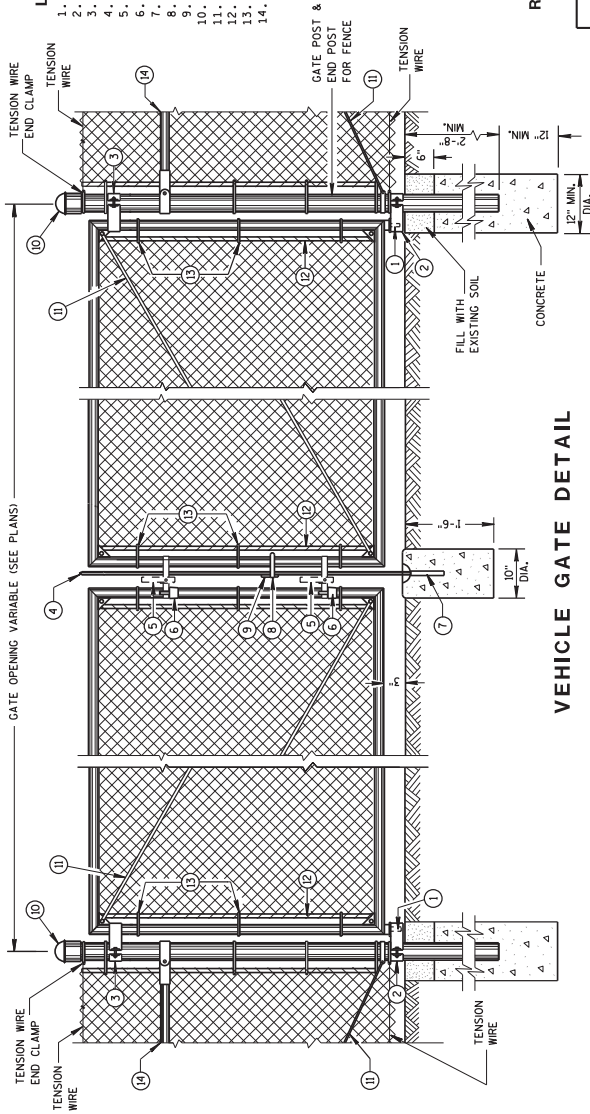
FOR FABRIC HEIGHTS GREATER THAN 8 FEET, INSTALL INTERIOR HORIZONTAL BRACE RAILS TO LEAF GATE.

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.

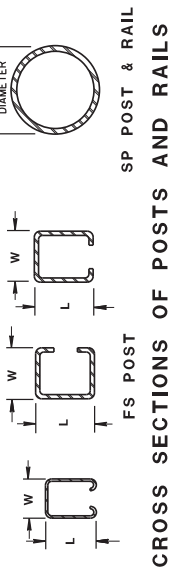
LEGEND

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

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
	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

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

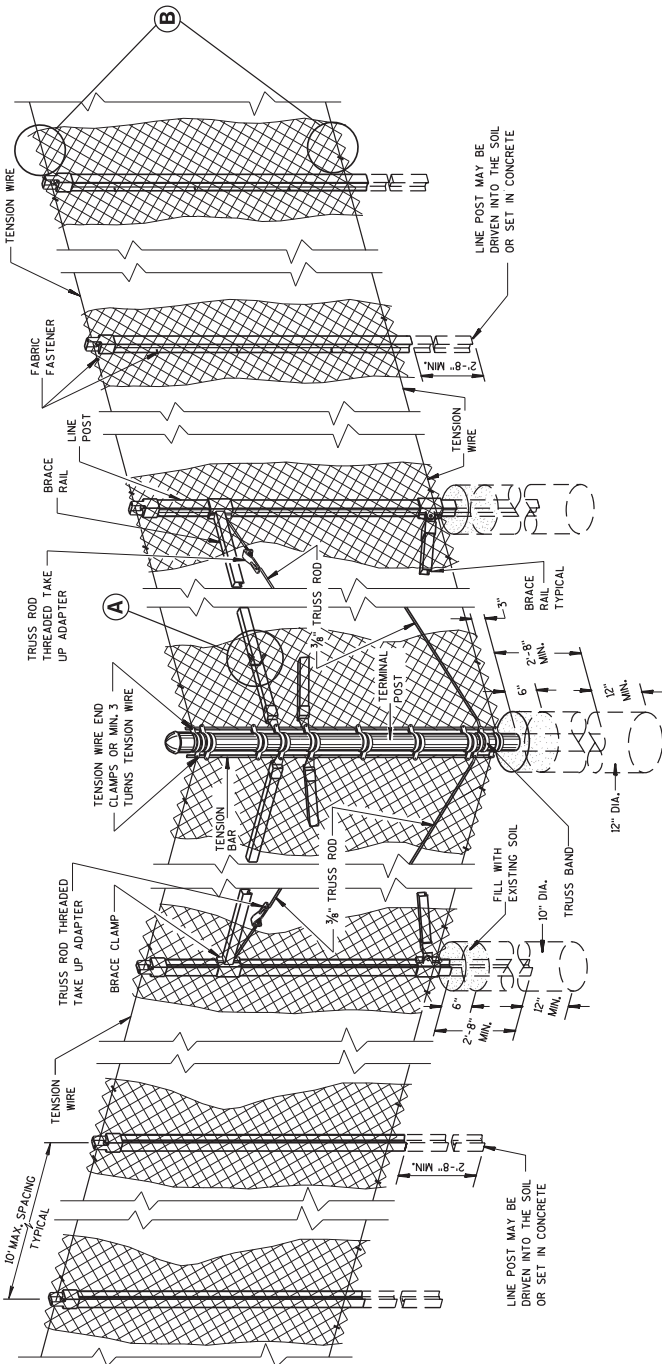
ROUND STEEL FENCE POST (1.8 OZ./SQ. FT. COATING)

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

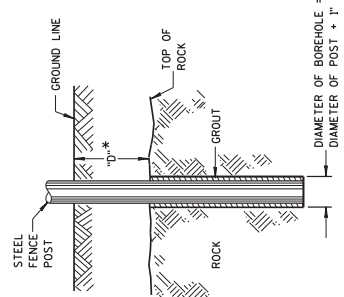
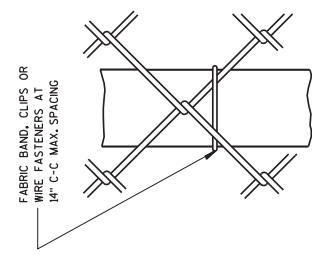
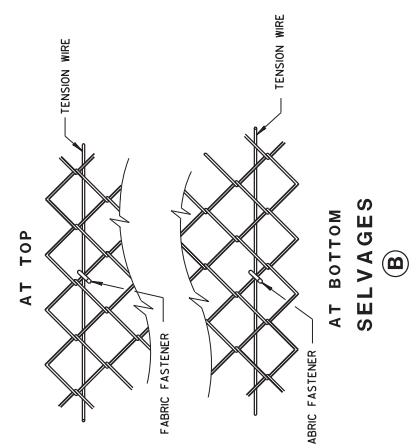
Addendum No. 01
ID 2140-13-70
Added Sheet 381A
August 29, 2016

FENCE CHAIN LINK

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

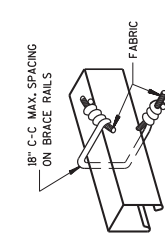


**END, CORNER, ANGLE
INTERSECTION & INTERMEDIATE
BRACED POSTS**

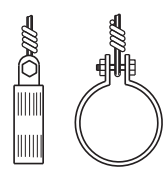


**ROCK INSTALLATION
OF LINE POST**

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



**BRACE RAIL
FABRIC FASTENER
(A)**



TENSION WIRE END CLAMP

Addendum No. 01
ID 2140-13-70
Added Sheet 381B
August 29, 2016

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

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20160913004PROJECT(S):
2140-13-70FEDERAL ID(S):
WISC 2016306

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0330	415.0410 Concrete Pavement Approach Slab	314.000 SY	.	.	.	.
0340	415.1095 Concrete Pavement HES 9 1/2-Inch	350.000 SY	.	.	.	.
0350	416.0270 Concrete Driveway HES 7-Inch	400.000 SY	.	.	.	.
0360	416.0610 Drilled Tie Bars	3,528.000 EACH	.	.	.	.
0370	416.0620 Drilled Dowel Bars	10,080.000 EACH	.	.	.	.
0380	440.4410 Incentive IRI Ride	8,650.000 DOL	1.00000		8650.00	
0390	455.0605 Tack Coat	9,124.000 GAL	.	.	.	.
0400	460.2000 Incentive Density HMA Pavement	6,350.000 DOL	1.00000		6350.00	
0410	465.0120 Asphaltic Surface Driveways and Field Entrances	42.000 TON	.	.	.	.
0420	465.0125 Asphaltic Surface Temporary	317.000 TON	.	.	.	.
0430	502.0100 Concrete Masonry Bridges	1,105.000 CY	.	.	.	.

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20160913004

PROJECT(S):
2140-13-70

FEDERAL ID(S):
WISC 2016306

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
2700	SPV.0105 Special 15. Transport & Install Traffic Signal Cabinet Materials, STH 181 & CTH E	LUMP	LUMP			.
2710	SPV.0105 Special 16. Transport & Install State Furnished Radar Detection System, STH 181 & CTH E	LUMP	LUMP			.
2720	SPV.0165 Special 01. Wall Concrete Panel Mechanically Stabilized Earth **p**	SF	5,487.000			.
2730	SPV.0195 Special 01. HMA Pavement 3 MT 58-28 S 3% VA Regression Special	TON	6,339.000			.
2740	SPV.0195 Special 02. HMA Pavement 4 MT 58-28 S 3% VA Regression Special	TON	4,782.000			.
	SECTION 0001 TOTAL					.
	TOTAL BID					.