



Wisconsin Department of Transportation

January 30, 2018

Division of Transportation Systems Development

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

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NOTICE TO ALL CONTRACTORS:

<p>Proposal #02: 3803-00-65, WISC 2018 081 C Beaver Dam, North Spring Street W Maple Avenue to Mackie Street Loc Str Dodge County</p>	<p>3803-00-66 C Beaver Dam, North Spring Street W Maple Avenue to Mackie Street Loc Str Dodge County</p>
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Letting of February 13, 2018

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

Special Provisions:

Revised Special Provisions	
Article No.	Description
39	U-Channel Sign Post 12-FT, SPV.0060.22; 13-FT, SPV.0060.23; 14-FT, SPV.0060.24.

Added Special Provisions	
Article No.	Description
50	Pedestrian Flasher System, Item SPV.0105.06.

Deleted Special Provisions	
Article No.	Description
32	Install City Furnished Street Signs, SPV.0060.05.
47	Rectangular Rapid Flashing Beacon (RRFB) With Pedestrian Activation, Item SPV.0105.04.

Schedule of Items:

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
637.2210	Signs Type II Reflective H	SF	73.24	3	76.24
637.2230	Signs Type II Reflective F	SF	37.79	-14.91	22.88
652.0225	Conduit Ridge Nonmetallic Schedule 40 2-Inch	LF	2334	-24	2310
654.0101	Concrete Base Type I	EACH	2	-1	1
655.0610	Electrical Wire Lighting 12 AWG	LF	4732	-72	4660
655.0620	Electrical Wire Lighting 8 AWG	LF	7834	4	7838
SPV.0060.24	U-Channel Sign Post 14-FT	EACH	11	-4	7

Added Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
SPV.0060.28	U-Channel Sign Post 16-FT	EACH	0	2	2
SPV.0105.06	Pedestrian Flasher System	LS	0	1	1

Deleted Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
SPV.0060.05	Install City Furnished Street Signs	EACH	15	-15	0
SPV.0060.22	U-Channel Sign Post 12-FT	EACH	13	-13	0
SPV.0105.04	Rectangular Rapid Flashing Beacon (RRFB) with Pedestrian Activation	LS	1	-1	0

Plan Sheets:

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
20	Permanent Signing and Pavement Markings (school zone signs were added and moved to appropriate locations, street name signs/no parking sign removed)
21	Permanent Signing and Pavement Markings (school zone signs were added and moved to appropriate locations, signs associated with the Pedestrian Flasher System were also clarified with no additional posts and paid for as part of the SPV, street name signs/no parking signs removed)
22	Street Lighting Plan (reference to the RRFB was removed the plan sheet and the additional RRFB pole and conduit was removed)
23	Street Lighting Plan (reference to the RRFB was removed the plan sheet)
37	Miscellaneous Quantities (added SPV.0060.28, U-Channel Sign Post 16-FT, added school zone signs, updated Yellow Diagonal Arrow sign code, updated signs and sign post quantities including removing U-Channel Sign Post 12-FT, SPV.0060.22)
38	Miscellaneous Quantities (removed RRFB reference, updated light unit location and quantity, revised street name sign locations)
40	Miscellaneous Quantities (replaced reference from RRFB to Pedestrian Flasher System item with notes, removed Install City Furnished Street Signs, SPV.0060.05)

Added Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of why sheet was added)
10A	Construction Detail: Pedestrian Flasher System (FHWA has terminated the use of RRFBs on all roadways effective December 21, 2017. The RRFB has been removed from the plans and replaced with the Pedestrian Flasher System assembly.)
104A	'Fines Higher' Standard Sign R2-6P Sheet Plate (added standard sign to the plan sheets)

Deleted Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of why sheet was deleted)
10	Construction Detail: RRFB Detail (FHWA has terminated the use of RRFBs on all roadways effective December 21, 2017. The RRFB has been removed from the plans and replaced with the Pedestrian Flasher System assembly.)

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

3803-00-65/66

January 30, 2018

Special Provisions

32. DELETED.

39. U-Channel Sign Post 13-FT, SPV.0060.23; 14-FT, SPV.0060.24; 16-FT, SPV.0060.28.

Replace the entire article language with the following.

A Description

This special provision describes furnishing and installing U-Channel Sign Posts, and powder coating sign posts black in accordance to section 634 of the standard specifications, as shown in the plans or as directed by the engineer, and as hereinafter provided.

B Materials

Furnish sign posts consisting of hot rolled flanged channel section from high strength steel conforming to ASTM A-499, grade 60 modified to 70,000 psi minimum yield. Posts shall be straightened to have smooth uniform finish, free from defects affecting their strength, durability, or appearance. All edges shall be free from burrs. The permissible tolerance for straightness shall be $\frac{1}{4}$ " in a 5' span. Posts shall be punched with continuous $\frac{3}{8}$ " diameter holes on 1" centers for the entire length of the posts, beginning 1" from one end of the post. Length of each post shall be as shown in the plans as required to meet the proper sign mounting heights and a 3' minimum embedment.

The sign posts shall be polyester powder coated black (RAL color 9017) according to the manufacturer's recommendations.

C Construction

C1 Delivery, Storage and Handling

Deliver material to the site in an undamaged condition. Upon receipt at the job site, thoroughly inspect all materials to ensure that no damage occurred during shipping or handling and conditions of materials is in conformance with these specifications. If the coating is damaged, repair or replace equipment to the approval of the engineer at no additional cost. Carefully store the material off the ground to ensure proper ventilation and drainage. Exercise care so as not to damage the coated surface during installation.

C2 Touch-up and Repair

For minor damage caused by shipping, handling or installation to coated surfaces, touch-up the surface in conformance with the manufacturer's recommendations with a matching black (RAL color 9017) finish. If damage is excessive, the equipment shall be replaced at no additional cost. Provide the engineer with a copy of the manufacturer's recommended repair procedure and materials before repairing damaged coatings.

C3 Installation

Install U-Channel Sign post at locations shown in the plans and in accordance with the Manual on Uniform Traffic Control Devices.

For installations in concrete or asphalt, use box outs prior to pouring concrete to avoid cutting into the new concrete sidewalk installed in the terrace. These locations shall be field verified by contractor prior to pouring concrete. Install the posts per the manufacturer's installation instructions such that the

posts are plumb. Remove any sign posts installed that result in the posts leaning to any side out of plumb and reinstall at contractor expense.

D Measurement

The department will measure U-Channel sign posts, completed in accordance with the contract and accepted, as each individual unit acceptably completed.

E Payment

The department will pay for measured quantities at the contract unit price under the following bid items:

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.23	U-Channel Sign Post, 13-FT	EACH
SPV.0060.24	U-Channel Sign Post, 14-FT	EACH
SPV.0060.28	U-Channel Sign Post, 16-FT	EACH

Payment is full compensation for furnishing, producing, and installing posts, cleaning the steel; furnishing and applying the powder coating materials; loading, hauling, storing, and performing field repairs.

47. DELETED.

50. Pedestrian Flasher System, SPV.0105.06.

A Description

Furnish and install a hardwired, pushbutton activated Pedestrian Flasher System as described herein and as shown in the plans. Perform this work in accordance with Section 651, 655, 656, 657, and 658 of the Standard Specifications as it pertains to the traffic signal items, electrical work, and as hereinafter provided.

B Materials

B.1 General Requirements

The Pedestrian Flasher System shall be in conformance with all applicable MUTCD standards and guidelines.

- 1.1 Each Pedestrian Flasher shall be a complete assembly consisting of, but not limited to controller and electrical components (wiring), LED indications, signage, sign mounting and pushbuttons.
- 1.2 A Pedestrian Flasher assembly will have two (2) 12-inch LED indications (mounted back-to-back facing opposing directions) at each location. The east side of North Spring Street will be mounted on a decorative light pole at Sta 18+51.65, 26' RT. The concrete base and decorative pole at this location are paid under separate bid items. The west side of North Spring Street will be mounted on a new pole assembly at Sta 18+61.00, 24.5' LT as detailed in the project plan.
- 1.3 Individual components shall be replaceable independently of other components, equipped with approved terminal strips or wire-end molded connectors.

B.2 Functional Requirements

Per FHWA guidelines and subsequent officially issued interpretations by FHWA, the Pedestrian Flasher System shall be normally dark, shall initiate operation only upon pedestrian actuation, and shall cease operation at a predetermined time after the pedestrian

actuation. The flash cycle duration should be based on the MUTCD procedures for timing of pedestrian clearance times for pedestrian signals: refer to MUTCD 2009 Section 4E.06 and any State-specified regulations.

- 2.1 Upon activation by ADA-compliant pushbutton, the yellow indications on each side of North Spring Street shall flash in an alternating "wig-wag" flashing sequence (left indication on, then right indication on).
- 2.2 When activated, all indications associated with a given crosswalk shall simultaneously commence operation of their alternating flashing within 120msec, and shall cease operation at a predetermined time after the pedestrian actuation.
- 2.3 The duration of the flash cycle shall be programmable from 1 second to 24 hours, in increments of seconds, minutes and hours.
- 2.4 The system shall include an actuation counter providing data that can be downloaded on-site to a laptop computer using DB9 or USB type cables.

B.3 Material Specification

3.1 LED Indication

- a. Provide 12-inch Yellow LED signal faces and mounting hardware conforming to Section 658 of the Standard Specifications.

3.2 Controller

- a. The controller shall be housed in a NEMA 4X rated aluminum enclosure, intended for indoor or outdoor use, primarily to provide a degree of protection against corrosion, windblown dust and rain, splashing water, hose-directed water, and damage from ice formation.
- b. The LED light outputs and flash pattern shall be completely programmable, with the capability to actuate.
- c. The flashing output shall be configurable to be a MUTCD compliant flash pattern. The flashing output shall be programmable.
- d. The controller shall be reconfigurable if future MUTCD or State guidelines specify a different flash pattern.
- e. The controller shall be capable of storing input count data in preset intervals, with downloadable capabilities using optional Windows-based PC software program and standard RS232 programming cable.
- f. The controller shall be, in the unlikely event of failure, replaceable independently of other components.

3.3 Power Supply

- a. The input voltage ranges from 100 to 240 volts and is between 50-60 Hz.
- b. The maximum total output from this supply is 30 watts.

3.4 Pedestal Shaft

- a. Shall meet the requirements as set forth in standard spec 657 for highway and structure construction.
- b. Shall be a standard 4.5" OD aluminum pedestal pole. Supplied with one end threaded for easy installation into a pedestal base.
- c. Shall be a 15' Schedule 80 pipe raw aluminum.
- d. Note that decorative pole for 26.0' RT is provided under a separate bid item

3.5 Pedestal Base

- a. Shall meet the requirements as set forth in standard spec 657 for highway and structure construction.

- b. The pedestal base shall be a cast aluminum pedestals mount on a concrete base attached by four internal anchor bolts imbedded in the base.
- c. The base shall have a large 8.5" square hand hole cover allowing access to the interior of the base.
- d. Note that decorative pole for 26.0' RT is provided under a separate bid item

3.5 Signs and Plaques

- a. All signs shall conform to MUTCD standards.
- b. All sign blanks and plaques shall be Federally specified .080 gauge, 5052 aluminum.
- c. Unless specified otherwise, sign sheeting shall meet Section 637 of the Standard Specifications with anti-graffiti overlay.
- d. All sign assemblies shall use provided anti-vandal fasteners and tools to mount components to sign, and sign to fixture.
- e. School Zone signs shall be S1-1 per MUTCD (4 signs).
- f. Crossing plaques S16-7L (2 signs) and S16-7R (2 signs) shall also accompany the school zone signs and placed accordingly.
- g. Pedestrian pushbutton instruction signs (R10-25) shall be furnished to be mounted adjacent to or integral with each pedestrian pushbutton (2 signs).

3.6 Pushbutton

- a. The Push Button shall be capable of continuous operation within a temperature range of -30° to 165°F (-34° to 74°C).
- b. The Push Button shall be ADA compliant, and shall operate as a normally open (n/o) circuit.
- c. The pushbuttons should comply with Section 658 of the Standard Specifications.

Provide all cable and wiring necessary for a complete operating system.

All poles, pedestal bases, poles, mounting hardware, housings, push buttons, and sign support mounting hardware, including banding straps, shall have a powder coated black finish. To prevent any marring of the finished surface, the arm assemblies shall be assembled prior to power coat application with all internal threads completely masked to prevent paint build up.

B.4 Warranty

The system shall be supported by a three-year warranty.

C Construction

Assemble Pedestrian Flasher System per the manufacturer's recommendations. Mount the controller cabinet, signage, LED beacons, and push buttons to the pole as shown on the plans and per the manufacturer's requirements.

D Measurement

The department will measure Pedestrian Flasher System, completed in accordance with the contract and accepted, as a single complete unit of work.

E Payment

The department will pay for measured quantities at the contract unit price under the following bid items:

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0105.04	Pedestrian Flasher System	LS

Payment is full compensation for furnishing and installing the Pedestrian Flasher System including wire, cable, poles, pedestal bases, LED beacons and housings, signs, connections, and all necessary mounting hardware and appurtenances, and for furnishing all labor, tools, equipment, and incidentals necessary to complete the contract work.

Schedule of Items

Attached, dated January 30, 2018, are the revised Schedule of Items Pages 1 - 10.

Plan Sheets

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

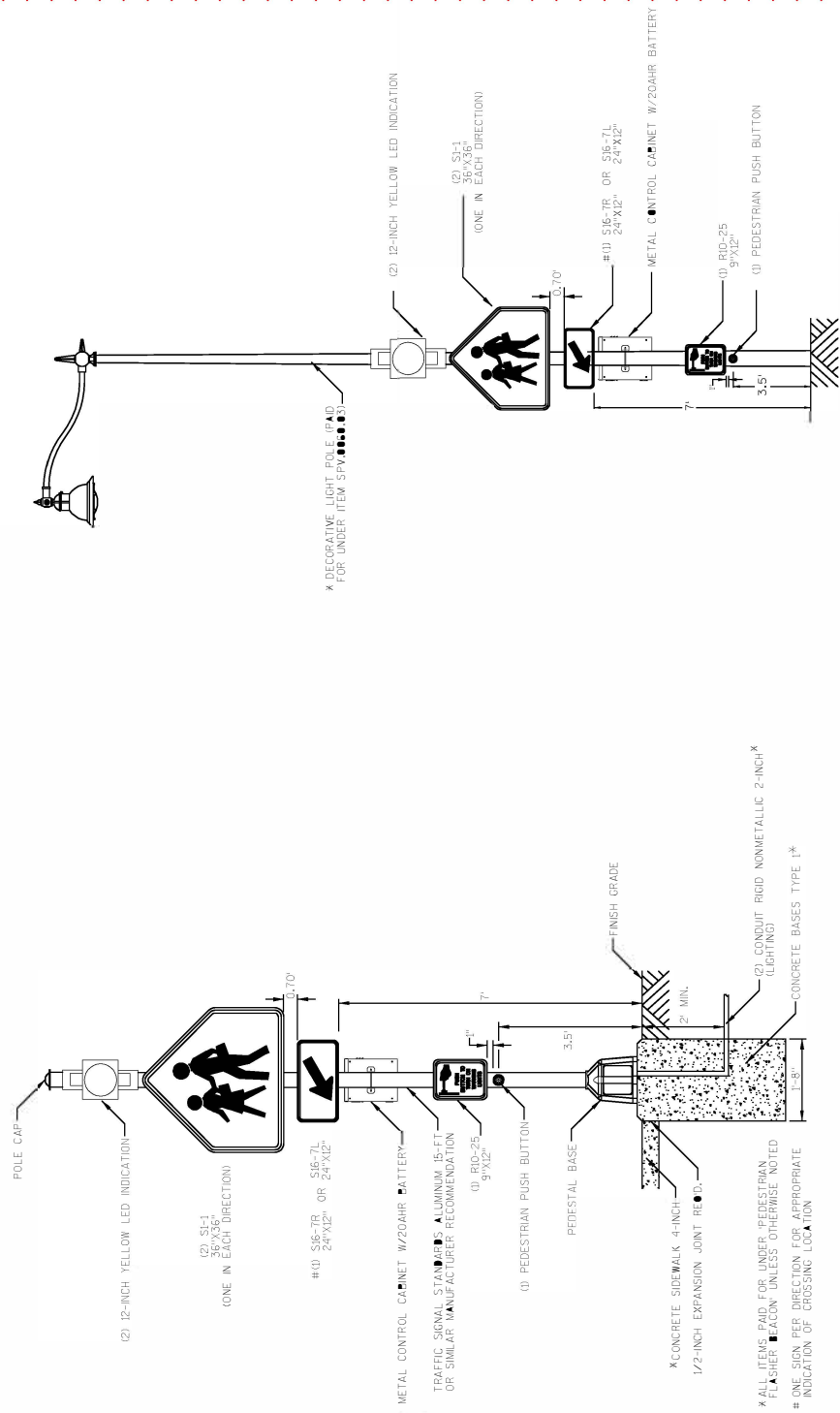
Revised: 20, 21, 22, 23, 37, 38 and 40.

Added: 10A, 104A.

Deleted: 10

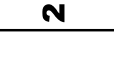
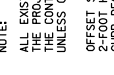
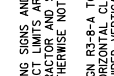
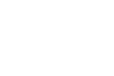
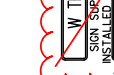
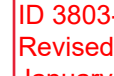
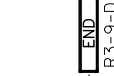
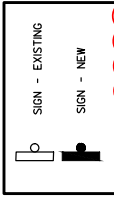
END OF ADDENDUM

Addendum No. 01
ID 3803-00-65
Added Sheet 10A
January 30, 2018



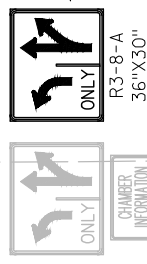
TYPICAL INSTALLATION
STA. 18+51.65, 26.00' RT (DOUBLE SIDED)

DOUBLE SIDED
STA. 18+51.60, 24.5' LT (DOUBLE SIDED)



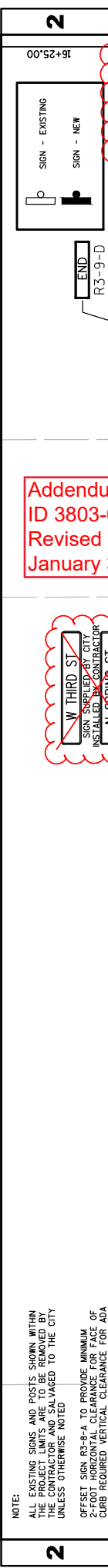
Addendum No. 01
ID 3803-00-65
Revised Sheet 20
January 30, 2018



NOTE:
ALL EXISTING SIGNS AND POSTS SHOWN WITHIN THE PROJECT LIMITS ARE TO BE REMOVED BY THE CONTRACTOR AND SALVAGED TO THE CITY UNLESS OTHERWISE NOTED
OFFSET SIGN R3-9-A TO PROVIDE MINIMUM 2'-0" HORIZONTAL CLEARANCE FOR FACE OF CURB REQUIRED VERTICAL CLEARANCE FOR ADA COMPLIANCE

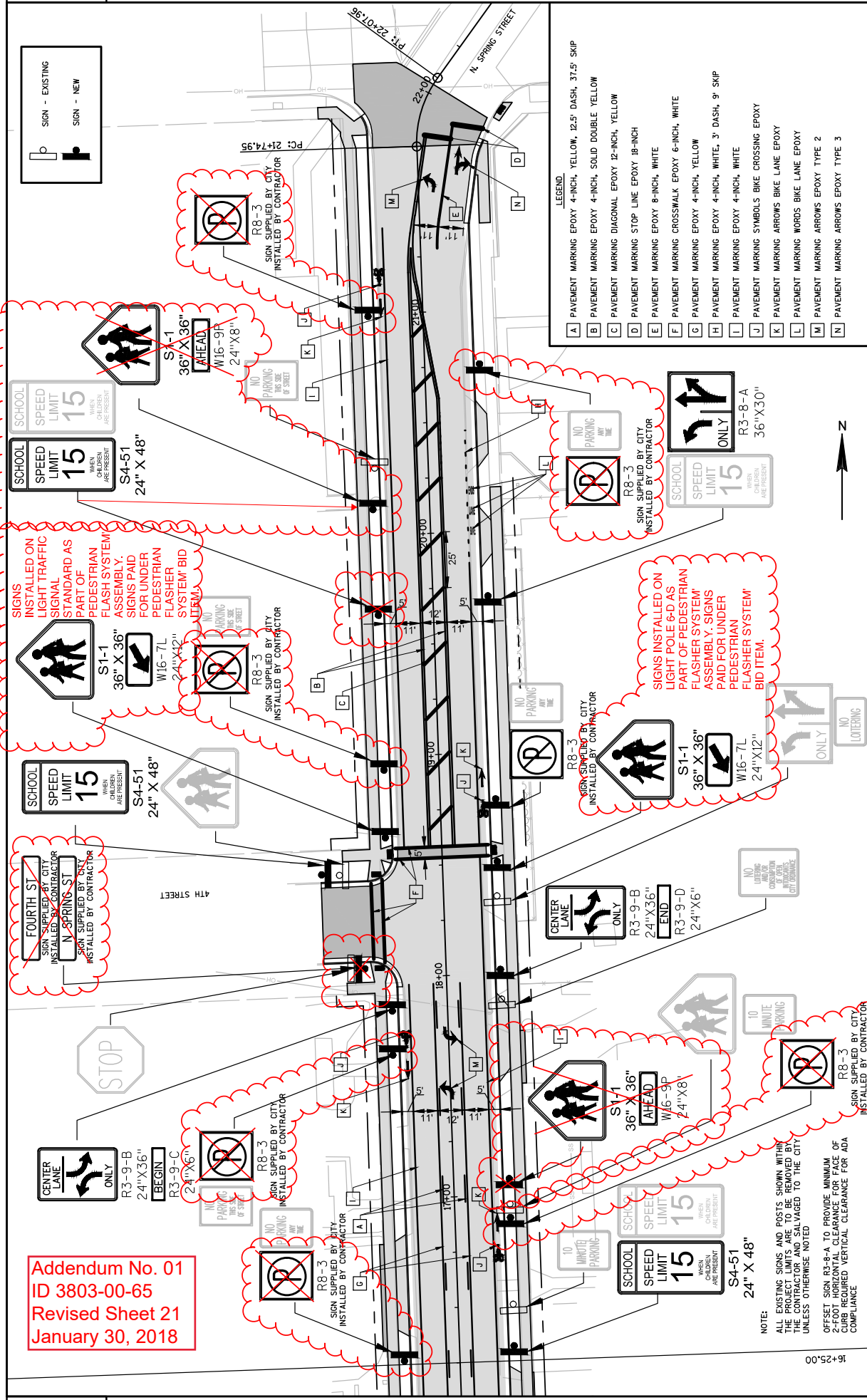


LEGEND

A	PAVEMENT MARKING EPOXY 4-INCH, YELLOW, 12.5' DASH, 37.5' SKIP
B	PAVEMENT MARKING EPOXY 4-INCH, SOLID DOUBLE YELLOW
C	PAVEMENT MARKING DIAGONAL EPOXY 12-INCH, YELLOW
D	PAVEMENT MARKING STOP LINE EPOXY 18-INCH
E	PAVEMENT MARKING EPOXY 8-INCH, WHITE
F	PAVEMENT MARKING CROSSWALK EPOXY 6-INCH, WHITE
G	PAVEMENT MARKING EPOXY 4-INCH, YELLOW
H	PAVEMENT MARKING EPOXY 4-INCH, WHITE, 3' DASH, 9' SKIP
I	PAVEMENT MARKING EPOXY 4-INCH, WHITE
J	PAVEMENT MARKING SYMBOLS BIKE CROSSING EPOXY
K	PAVEMENT MARKING ARROWS BIKE LANE EPOXY
L	PAVEMENT MARKING WORDS BIKE LANE EPOXY
M	PAVEMENT MARKING ARROWS EPOXY TYPE 2
N	PAVEMENT MARKING ARROWS EPOXY TYPE 3



 SIGN - EXISTING
 SIGN - NEW



Addendum No. 01
ID 3803-00-65
Revised Sheet 21
January 30, 2018

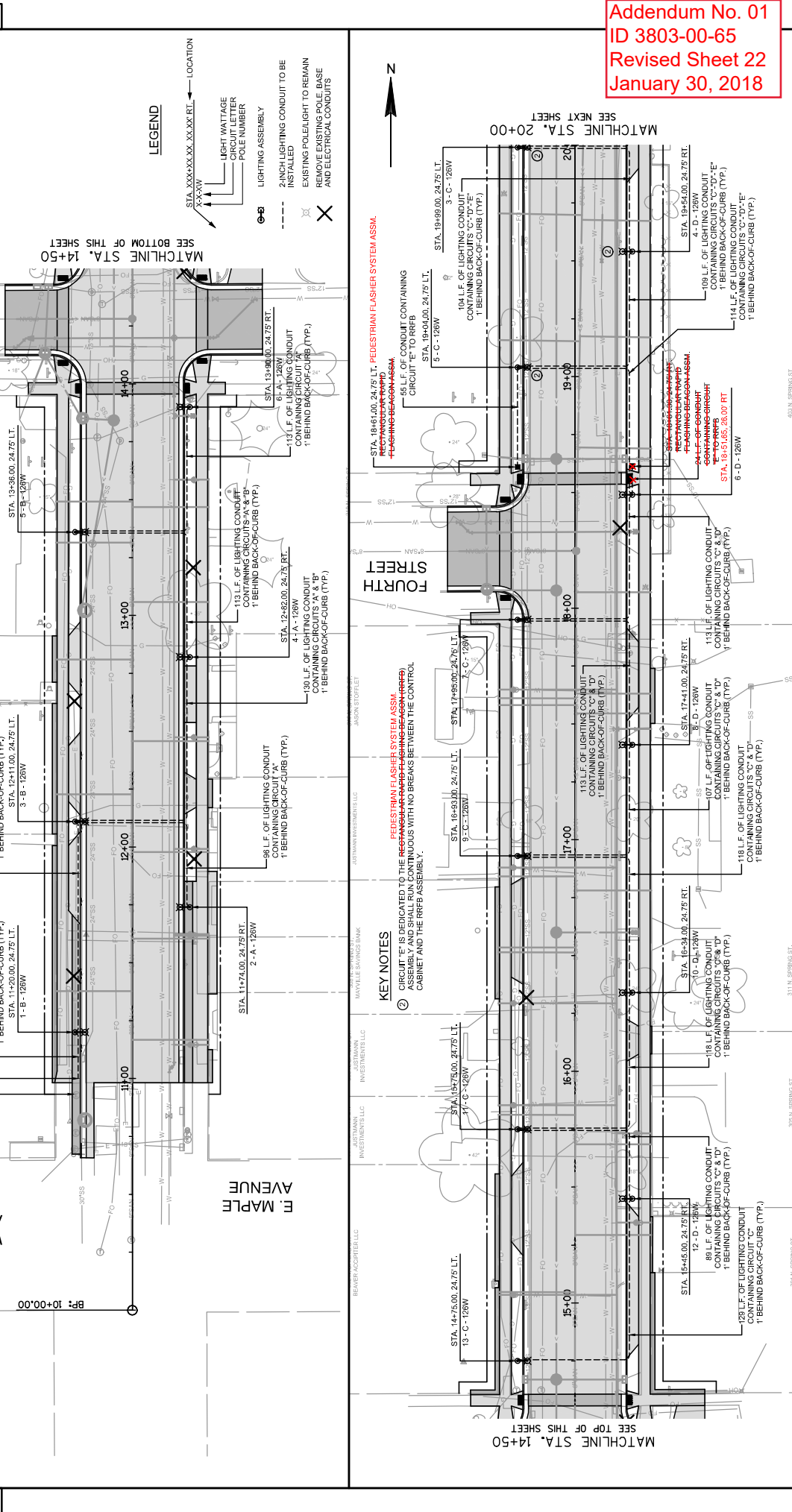
LEGEND

A	PAVEMENT MARKING EPOXY 4-INCH, YELLOW, 12.5' DASH, 37.5' SKIP
B	PAVEMENT MARKING EPOXY 4-INCH, SOLID DOUBLE YELLOW
C	PAVEMENT MARKING DIAGONAL EPOXY 12-INCH, YELLOW
D	PAVEMENT MARKING STOP LINE EPOXY 18-INCH
E	PAVEMENT MARKING EPOXY 8-INCH, WHITE
F	PAVEMENT MARKING CROSSWALK EPOXY 6-INCH, WHITE
G	PAVEMENT MARKING EPOXY 4-INCH, YELLOW
H	PAVEMENT MARKING EPOXY 4-INCH, WHITE, 3' DASH, 9' SKIP
I	PAVEMENT MARKING EPOXY 4-INCH, WHITE
J	PAVEMENT MARKING SYMBOLS BIKE CROSSING EPOXY
K	PAVEMENT MARKING ARROWS BIKE LANE EPOXY
L	PAVEMENT MARKING WORDS BIKE LANE EPOXY
M	PAVEMENT MARKING ARROWS EPOXY TYPE 2
N	PAVEMENT MARKING ARROWS EPOXY TYPE 3

SIGNED ON LIGHT TRAFFIC SIGNAL STANDARD AS PART OF PEDESTRIAN FLASHER SYSTEM' ASSEMBLY. SIGNS PAID FOR UNDER PEDESTRIAN FLASHER SYSTEM' BID ITEM.

SIGNS INSTALLED ON LIGHT POLE 6-D AS PART OF PEDESTRIAN FLASHER SYSTEM' ASSEMBLY. SIGNS PAID FOR UNDER PEDESTRIAN FLASHER SYSTEM' BID ITEM.

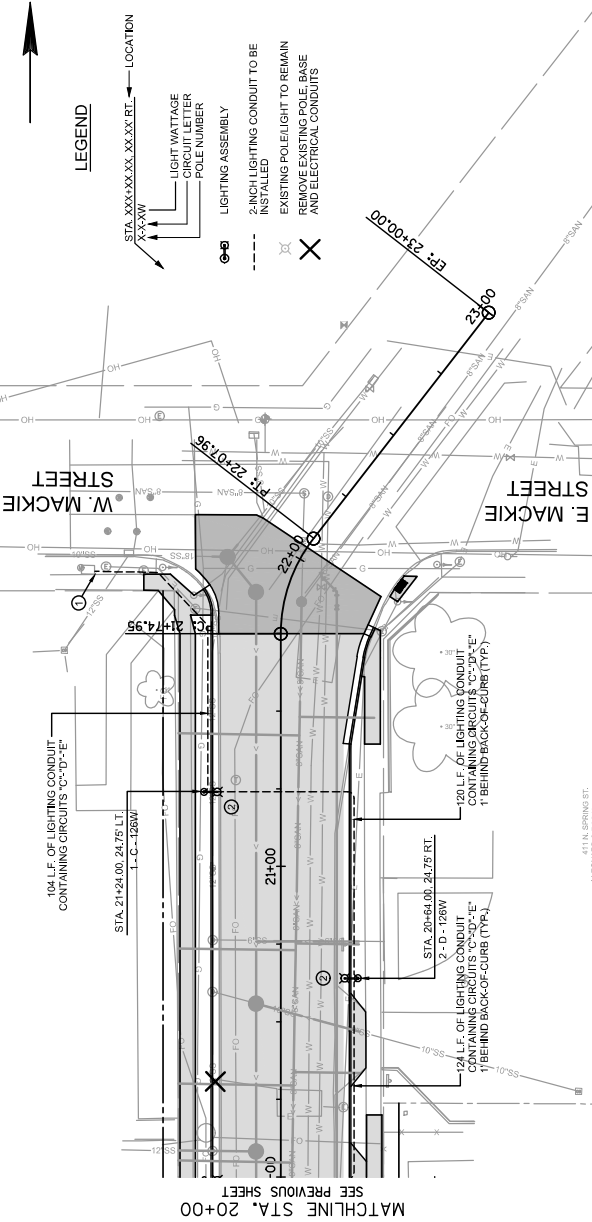
NOTE:
 ALL EXISTING SIGNS AND POSTS SHOWN WITHIN THE PROJECT LIMITS ARE TO BE REMOVED BY THE CONTRACTOR AND SALVAGED TO THE CITY UNLESS OTHERWISE NOTED
 OFFSET SIGN R3-9-A TO PROVIDE MINIMUM 2'-0" CLEARANCE FOR CLASH OF SIGN FOR CURB REQUIRED VERTICAL CLEARANCE FOR ADA COMPLIANCE





LEGEND

- STA. XXX+XX.XX, XX.XX RT. → LOCATION
- X-X-W LIGHT WATTAGE
- CIRCUT LETTER
- POLE NUMBER
- LIGHTING ASSEMBLY
- 2-INCH LIGHTING CONDUIT TO BE INSTALLED
- ⊗ EXISTING POLE/LIGHT TO REMAIN
- ⊗ REMOVE EXISTING POLE, BASE AND ELECTRICAL CONDUITS



KEY NOTES

- ① CONNECT NEW CONDUIT TO EXISTING CONDUIT LOCATED AT THE EXTERIOR BASE OF THE POLE. CONNECT ELECTRICAL CIRCUITS INSIDE CABINET AND CONNECT TO EXISTING CIRCUIT BREAKERS.
- ② CIRCUIT 'E' IS DEDICATED TO THE PEDESTRIAN FLASHER SYSTEM. PEDESTRIAN FLASHER SYSTEM (PEDESTRIAN FLASHER SYSTEM) IS TO BE INSTALLED IN THE CABINET AND THE PEDESTRIAN FLASHER SYSTEM.

MATCHLINE STA. 20+00
SEE PREVIOUS SHEET

Addendum No. 01
 ID 3803-00-65
 Revised Sheet 23
 January 30, 2018

FULL BOXES STEEL

CATEGORY	NUMBER	STATION	LOCATION	EACH
0010	PB1	21+41.6	25.0 RT	1
0010	PB2	19+62.7	24.7 RT	1
TOTAL PROJECT 3803-00-65				
2				

CABLE TRAFFIC SIGNAL

CATEGORY	FROM	TO	655 0230	655 0260
0010	NORTH SPRING STREET & WACKIE STREET INTERSECTION		5-14 AWG	19-14 AWG
	EX-CB1	EX-5B7		
	EX-CB1	EX-5B5		
	UNDISTRIBUTED			
TOTAL PROJECT 3803-00-65				
			50	154
			50	205
			50	409

REPAIR TRAFFIC SIGNAL CONDUIT & WIRING

CATEGORY	STATION	LOCATION	LS
0010	21+80	LT/RT	1
TOTAL PROJECT 3803-00-65			
1			

CONDUIT RIGID NONMETALLIC

CATEGORY	FROM	TO	652 022E	652 023S
0010	EXPB9-1	EXPB9	SCHEDULE 40	SCHEDULE 40
	EXPB9	PB1	2-INCH	3-INCH
	PB1	PB2		
	PB1			
TOTAL PROJECT 3803-00-65				
212				
120				

* ADDITIONAL QUANTITIES FOUND ELSEWHERE

LOOP DETECTORS

CATEGORY	LOOP NUMBER	STATION	OFFSET	SIZE	NUMBER OF TURNS	652 090C	655 0700	655 0800
0010	31	21+70	8.1 RT	6'x20'	3	CONDUIT LOOP DETECTOR LEAD IN CABLE	LF	LF
	32	21+85	9.7 RT	5'x6'	4			
	81	19+59	11.5 RT	5'x6'	5			
	82	21+71	19.8 RT	6'x20'	4			
	83	21+92	20.8 RT	5'x6'	3			
PROJECT SUBTOTAL								
412								
828								
1504								

NORTH SPRING STREET & MAPLE AVENUE INTERSECTION

UNDISTRIBUTED	20	360
TOTAL PROJECT 3803-00-65	432	1 864

REPAIR EXISTING LOOP DETECTOR

CATEGORY	STATION	LOCATION	SPV.0060.27
0010	10-79	17 LT	EACH
	10-91	17 LT	1
TOTAL PROJECT 3803-00-65			
2			

PEDESTRIAN FLASHER SYSTEM

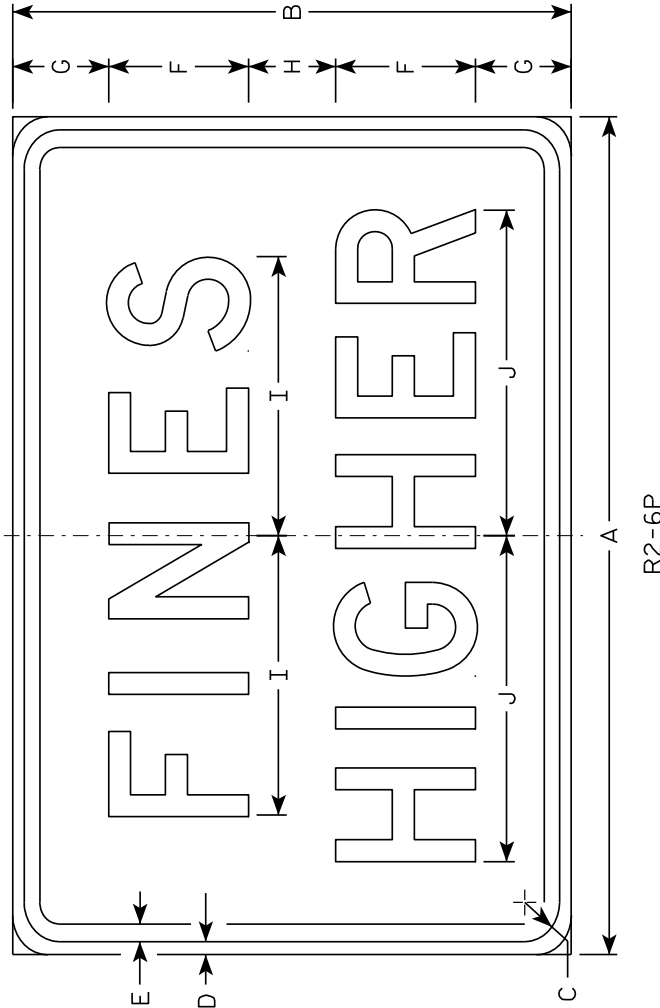
CATEGORY	STATION	LOCATION	654.0101	NOTES
0010	18-61.00	24.8 LT	CONCRETE	
	18-61.65	25.00 RT	SPV.0105.06	
			BASES TYPE 1	
TOTAL PROJECT 3803-00-65				
1				

7' MOUNTING HEIGHT SEE DETAIL
MOUNT ON LIGHT POLE 6-0D

Addendum No. 01
ID 3803-00-65
Revised Sheet 40
January 30, 2018

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
Background - White
Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



Addendum No. 01
ID 3803-00-65
Added Sheet 104A
January 30, 2018

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	O	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	18	1 1/8	3/8	3/8	4	3 1/2	3	7 5/8	9 1/4																	3.0
2M	24	18	1 1/8	3/8	3/8	4	3 1/2	3	7 5/8	9 1/4																	3.0
3	36	24	1 1/8	3/8	1/2	6	4 1/8	3 3/4	12	14																	6.0
4	36	24	1 1/8	3/8	1/2	6	4 1/8	3 3/4	12	14																	6.0
5	48	36	1 3/8	1/2	5/8	8	7	6	15 1/8	19																	12.0

PROJECT NO: _____ COUNTY: _____ HWY: _____

STANDARD SIGN
R2-6P
WISCONSIN DEPT OF TRANSPORTATION
APPROVED *Matthew R. Louch*
DATE: 12/20/10 PLATE NO: R2-6P.2
SHEET NO: 104A



Proposal Schedule of Items

Proposal ID: 20180213002 Project(s): 3803-00-65, 3803-00-66

Federal ID(s): WISC 2018081, N/A

SECTION: 0001

Contract Item

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0002	201.0120 Clearing	148.000 ID	_____.	_____.
0004	201.0220 Grubbing	148.000 ID	_____.	_____.
0006	204.0100 Removing Pavement	2,093.000 SY	_____.	_____.
0008	204.0150 Removing Curb & Gutter	1,529.000 LF	_____.	_____.
0010	204.0155 Removing Concrete Sidewalk	1,306.000 SY	_____.	_____.
0012	204.0210 Removing Manholes	8.000 EACH	_____.	_____.
0014	204.0220 Removing Inlets	10.000 EACH	_____.	_____.
0016	204.0245 Removing Storm Sewer (size) 01. 6-Inch	50.000 LF	_____.	_____.
0018	204.0245 Removing Storm Sewer (size) 02. 8-Inch	33.000 LF	_____.	_____.
0020	204.0245 Removing Storm Sewer (size) 03. 10-Inch	70.000 LF	_____.	_____.
0022	204.0245 Removing Storm Sewer (size) 04. 12-Inch	961.000 LF	_____.	_____.
0024	204.0245 Removing Storm Sewer (size) 05. 18-Inch	80.000 LF	_____.	_____.
0026	204.0245 Removing Storm Sewer (size) 06. 24-Inch	305.000 LF	_____.	_____.
0028	204.0280 Sealing Pipes	1.000 EACH	_____.	_____.
0030	205.0100 Excavation Common	5,255.000 CY	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0032	213.0100 Finishing Roadway (project) 01. 3083-00-65	1.000 EACH	_____.	_____.
0034	305.0120 Base Aggregate Dense 1 1/4-Inch	2,700.000 TON	_____.	_____.
0036	311.0110 Breaker Run	5,550.000 TON	_____.	_____.
0038	405.0100 Coloring Concrete WisDOT Red	30.000 CY	_____.	_____.
0040	405.1000 Stamping Colored Concrete	10.000 CY	_____.	_____.
0042	415.0080 Concrete Pavement 8-Inch	4,900.000 SY	_____.	_____.
0044	416.0160 Concrete Driveway 6-Inch	400.000 SY	_____.	_____.
0046	416.0610 Drilled Tie Bars	12.000 EACH	_____.	_____.
0048	416.0620 Drilled Dowel Bars	20.000 EACH	_____.	_____.
0050	465.0105 Asphaltic Surface	100.000 TON	_____.	_____.
0052	465.0120 Asphaltic Surface Driveways and Field Entrances	30.000 TON	_____.	_____.
0054	520.8000 Concrete Collars for Pipe	4.000 EACH	_____.	_____.
0056	601.0409 Concrete Curb & Gutter 30-Inch Type A	850.000 LF	_____.	_____.
0058	601.0411 Concrete Curb & Gutter 30-Inch Type D	200.000 LF	_____.	_____.
0060	601.0452 Concrete Curb & Gutter Integral 30-Inch Type D	1,400.000 LF	_____.	_____.
0062	602.0405 Concrete Sidewalk 4-Inch	10,000.000 SF	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0064	602.0505 Curb Ramp Detectable Warning Field Yellow	104.000 SF	_____.	_____.
0066	608.0312 Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	129.000 LF	_____.	_____.
0068	608.0315 Storm Sewer Pipe Reinforced Concrete Class III 15-Inch	73.000 LF	_____.	_____.
0070	608.0318 Storm Sewer Pipe Reinforced Concrete Class III 18-Inch	35.000 LF	_____.	_____.
0072	608.0324 Storm Sewer Pipe Reinforced Concrete Class III 24-Inch	385.000 LF	_____.	_____.
0074	608.2324 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 24x38-Inch	794.000 LF	_____.	_____.
0076	611.0535 Manhole Covers Type J-Special	9.000 EACH	_____.	_____.
0078	611.0624 Inlet Covers Type H	8.000 EACH	_____.	_____.
0080	611.0639 Inlet Covers Type H-S	4.000 EACH	_____.	_____.
0082	611.0645 Inlet Covers Type MS-A	1.000 EACH	_____.	_____.
0084	611.1004 Catch Basins 4-FT Diameter	3.000 EACH	_____.	_____.
0086	611.1005 Catch Basins 5-FT Diameter	2.000 EACH	_____.	_____.
0088	611.2004 Manholes 4-FT Diameter	2.000 EACH	_____.	_____.
0090	611.2005 Manholes 5-FT Diameter	5.000 EACH	_____.	_____.
0092	611.2006 Manholes 6-FT Diameter	2.000 EACH	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0094	611.3230 Inlets 2x3-FT	7.000 EACH	_____.	_____.
0096	611.3901 Inlets Median 1 Gate	1.000 EACH	_____.	_____.
0098	618.0100 Maintenance And Repair of Haul Roads (project) 01. 3803-00-65	1.000 EACH	_____.	_____.
0100	619.1000 Mobilization	1.000 EACH	_____.	_____.
0102	624.0100 Water	55.000 MGAL	_____.	_____.
0104	625.0100 Topsoil	1,400.000 SY	_____.	_____.
0106	628.1905 Mobilizations Erosion Control	10.000 EACH	_____.	_____.
0108	628.1910 Mobilizations Emergency Erosion Control	5.000 EACH	_____.	_____.
0110	628.7010 Inlet Protection Type B	1.000 EACH	_____.	_____.
0112	628.7015 Inlet Protection Type C	25.000 EACH	_____.	_____.
0114	628.7020 Inlet Protection Type D	7.000 EACH	_____.	_____.
0116	631.0300 Sod Water	8.400 MGAL	_____.	_____.
0118	631.1000 Sod Lawn	1,400.000 SY	_____.	_____.
0120	637.2210 Signs Type II Reflective H	76.240 SF	_____.	_____.
0122	637.2230 Signs Type II Reflective F	22.880 SF	_____.	_____.
0124	638.2602 Removing Signs Type II	28.000 EACH	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0126	638.3000 Removing Small Sign Supports	21.000 EACH	_____.	_____.
0128	642.5001 Field Office Type B	1.000 EACH	_____.	_____.
0130	643.0300 Traffic Control Drums	3,500.000 DAY	_____.	_____.
0132	643.0410 Traffic Control Barricades Type II	2,000.000 DAY	_____.	_____.
0134	643.0420 Traffic Control Barricades Type III	5,500.000 DAY	_____.	_____.
0136	643.0800 Traffic Control Arrow Boards	150.000 DAY	_____.	_____.
0138	643.0900 Traffic Control Signs	11,500.000 DAY	_____.	_____.
0140	643.5000 Traffic Control	1.000 EACH	_____.	_____.
0142	644.1420.S Temporary Pedestrian Surface Plywood	500.000 SF	_____.	_____.
0144	644.1601.S Temporary Curb Ramp	15.000 EACH	_____.	_____.
0146	644.1616.S Temporary Pedestrian Safety Fence	250.000 LF	_____.	_____.
0148	646.1020 Marking Line Epoxy 4-Inch	4,058.000 LF	_____.	_____.
0150	646.3020 Marking Line Epoxy 8-Inch	110.000 LF	_____.	_____.
0152	646.5020 Marking Arrow Epoxy	14.000 EACH	_____.	_____.
0154	646.5120 Marking Word Epoxy	6.000 EACH	_____.	_____.
0156	646.5220 Marking Symbol Epoxy	6.000 EACH	_____.	_____.
0158	646.6120 Marking Stop Line Epoxy 18-Inch	79.000 LF	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0160	646.7120 Marking Diagonal Epoxy 12-Inch	141.000 LF	_____.	_____.
0162	646.7420 Marking Crosswalk Epoxy Transverse Line 6-Inch	431.000 LF	_____.	_____.
0164	650.4000 Construction Staking Storm Sewer	22.000 EACH	_____.	_____.
0166	650.4500 Construction Staking Subgrade	1,077.000 LF	_____.	_____.
0168	650.7000 Construction Staking Concrete Pavement	1,077.000 LF	_____.	_____.
0170	650.9910 Construction Staking Supplemental Control (project) 01. 3083-00-65	LS	LUMP SUM	_____.
0172	650.9920 Construction Staking Slope Stakes	1,077.000 LF	_____.	_____.
0174	652.0225 Conduit Rigid Nonmetallic Schedule 40 2-Inch	2,310.000 LF	_____.	_____.
0176	652.0235 Conduit Rigid Nonmetallic Schedule 40 3-Inch	120.000 LF	_____.	_____.
0178	652.0800 Conduit Loop Detector	432.000 LF	_____.	_____.
0180	653.0140 Pull Boxes Steel 24x42-Inch	2.000 EACH	_____.	_____.
0182	654.0101 Concrete Bases Type 1	1.000 EACH	_____.	_____.
0184	655.0230 Cable Traffic Signal 5-14 AWG	50.000 LF	_____.	_____.
0186	655.0280 Cable Traffic Signal 19-14 AWG	409.000 LF	_____.	_____.
0188	655.0610 Electrical Wire Lighting 12 AWG	4,660.000 LF	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0190	655.0620 Electrical Wire Lighting 8 AWG	7,838.000 LF	_____.	_____.
0192	655.0700 Loop Detector Lead In Cable	828.000 LF	_____.	_____.
0194	655.0800 Loop Detector Wire	1,864.000 LF	_____.	_____.
0196	690.0150 Sawing Asphalt	600.000 LF	_____.	_____.
0198	690.0250 Sawing Concrete	400.000 LF	_____.	_____.
0200	715.0415 Incentive Strength Concrete Pavement	1,470.000 DOL	1.00000	1,470.00
0202	ASP.1T0A On-the-Job Training Apprentice at \$5.00/HR	475.000 HRS	5.00000	2,375.00
0204	ASP.1T0G On-the-Job Training Graduate at \$5.00/HR	300.000 HRS	5.00000	1,500.00
0206	SPV.0035 Special 01. Salvaging and Reinstalling Existing Subsurface Black Gravel Soil Layer	1,200.000 CY	_____.	_____.
0208	SPV.0060 Special 01. Connection to Existing Electrical Circuit	2.000 EACH	_____.	_____.
0210	SPV.0060 Special 02. Concrete Base Type 5 Modified Special	19.000 EACH	_____.	_____.
0212	SPV.0060 Special 03. Lighting Assembly Roadway Decorative 126W-LED Special	19.000 EACH	_____.	_____.
0214	SPV.0060 Special 04. Removing Base, Pole & Luminaire	8.000 EACH	_____.	_____.
0218	SPV.0060 Special 06. Storm Sewer Tap	1.000 EACH	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0220	SPV.0060 Special 07. Sanitary Manhole	3.000 EACH	_____.	_____.
0222	SPV.0060 Special 08. Sanitary Manhole Cover Type J	3.000 EACH	_____.	_____.
0224	SPV.0060 Special 09. Sanitary Wye 8-Inch Main	36.000 EACH	_____.	_____.
0226	SPV.0060 Special 10. Corporation, Curb Stop & Box (Set)	13.000 EACH	_____.	_____.
0228	SPV.0060 Special 11. Water Valve & Box 6-Inch	6.000 EACH	_____.	_____.
0230	SPV.0060 Special 12. Water Valve & Box 10-Inch	6.000 EACH	_____.	_____.
0232	SPV.0060 Special 13. Fire Hydrant	2.000 EACH	_____.	_____.
0234	SPV.0060 Special 14. Tees 10"X6"X10"	2.000 EACH	_____.	_____.
0236	SPV.0060 Special 15. Crosses 10"X6"	2.000 EACH	_____.	_____.
0238	SPV.0060 Special 16. Bend 45-Degree 4-Inch	2.000 EACH	_____.	_____.
0240	SPV.0060 Special 17. Bend 11.25-Degree 6-Inch	4.000 EACH	_____.	_____.
0242	SPV.0060 Special 18. Bend 45-Degree 6-Inch	4.000 EACH	_____.	_____.
0244	SPV.0060 Special 19. Bend 45-Degree 10-Inch	4.000 EACH	_____.	_____.
0246	SPV.0060 Special 20. Reducer 6"X4"	1.000 EACH	_____.	_____.
0248	SPV.0060 Special 21. Utility Line Opening	10.000 EACH	_____.	_____.
0252	SPV.0060 Special 23. U-Channel Sign Post 13 FT	4.000 EACH	_____.	_____.



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Alt Set ID:

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0254	SPV.0060 Special 24. U-Channel Sign Post 14 FT	7.000 EACH	_____.	_____.
0256	SPV.0060 Special 25. Connect Private Storm Sewer Pipe	6.000 EACH	_____.	_____.
0258	SPV.0060 Special 26. Fluorocarbon Gaskets	10.000 EACH	_____.	_____.
0260	SPV.0060 Special 27. Repair Existing Loop Detector	2.000 EACH	_____.	_____.
0262	SPV.0090 Special 01. Sanitary Lateral 4-Inch or 6-Inch	1,250.000 LF	_____.	_____.
0264	SPV.0090 Special 02. Water Service 1-Inch to 2-Inch	400.000 LF	_____.	_____.
0266	SPV.0090 Special 03. Sanitary Sewer Pipe 8-Inch	1,250.000 LF	_____.	_____.
0268	SPV.0090 Special 04. PVC Water Main 4-Inch	10.000 LF	_____.	_____.
0270	SPV.0090 Special 05. PVC Water Main 6-Inch	250.000 LF	_____.	_____.
0272	SPV.0090 Special 06. PVC Water Main 10-Inch	1,040.000 LF	_____.	_____.
0274	SPV.0090 Special 07. Ductile Iron Water Main 10-Inch	110.000 LF	_____.	_____.
0276	SPV.0090 Special 08. PVC Storm Sewer Pipe 6-Inch	35.000 LF	_____.	_____.
0278	SPV.0090 Special 09. PVC Storm Sewer Pipe 8-Inch	30.000 LF	_____.	_____.
0280	SPV.0090 Special 10. PVC Storm Sewer Pipe 10-Inch	50.000 LF	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0282	SPV.0090 Special 11. PVC Storm Sewer Pipe 12-Inch	25.000 LF	_____.	_____.
0284	SPV.0105 Special 01. Removing Lighting Conduit & Wire	LS	LUMP SUM	_____.
0286	SPV.0105 Special 02. Remove Existing Sanitary Structure	LS	LUMP SUM	_____.
0288	SPV.0105 Special 03. Remove Existing Water Structure	LS	LUMP SUM	_____.
0292	SPV.0105 Special 05. Repair Traffic Signal Conduit & Wiring	LS	LUMP SUM	_____.
0294	SPV.0195 Special 01. Excavation, Hauling, Dewatering and Disposal of Contaminated Soil	450.000 TON	_____.	_____.
0296	SPV.0060 Special 28. U-Channel Sign Post 16-Ft	2.000 EACH	_____.	_____.
0298	SPV.0105 Special 06. Pedestrian Flasher System	LS	LUMP SUM	_____.
Section: 0001			Total:	_____.
			Total Bid:	_____.

