



Wisconsin Department of Transportation

March 30, 2017

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 #15: 2025-01-72
West Capitol Drive (STH 190)
12 Connecting Highway Intersections
Var Hwy
Milwaukee County

2585-00-70, WISC 2017 165
N 92nd Street
W Capitol Dr to W Hampton Ave
Loc Str
Milwaukee County

2595-08-70, WISC 2017 166
N 60th St/W Hampton Ave
11 Local Street Intersections
Non Hwy
Milwaukee County

Letting of April 11, 2017

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

Special Provisions:

Revised Special Provisions	
Article No.	Description
78	Luminaire Utility LED 95W Type 2, Item SPV 0060.47; Luminaire Utility LED 164W Type 2; Item SPV 0060.48

Plan Sheets:

PROJECT ID 2025-01-72

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
23	Sign Details: Added sign numbers and additional description. Added note for contractor to furnish and install I.D. plaques as per S.D.D. Plaques are incidental to the associated bid items
27	Added structure number for overhead sign support
29	Added structure number for overhead sign support
34	Added structure number for overhead sign support

PROJECT ID 2585-00-70

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
107	Added note for contractor to furnish and install I.D. plaques as per S.D.D. Plaques are incidental to the associated bid items

PROJECT ID 2595-08-70

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
9	Added note for contractor to furnish and install I.D. plaques as per S.D.D. Plaques are incidental to the associated bid items
10	Added note for contractor to furnish and install I.D. plaques as per S.D.D. Plaques are incidental to the associated bid items

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

2025-01-72, 2585-00-70 & 2595-08-70

March 30, 2017

Special Provisions

- 78. Luminaire Utility LED 95W Type 2, Item SPV 0060.47; Luminaire Utility LED 164W Type 2; Item SPV 0060.48**

*Replace the first two paragraphs under section titled **B. Materials** with the following:*

B. Materials

Luminaire Utility LED 95W Type 2---American Electric Lighting ATBM-D-MVOLT-D2-4B-3K-IL-NL-NR-AO, Philips GPLM-028-64L530WW-G2-R3M-UNV-DMG-FAWS-017-GY3 with FAWS set at position 6, or approved equal.

Luminaire Utility LED 164W Type 2---American Electric Lighting ATBM-H-MVOLT-D2-4B-3K-IL-NL-NR-AO, Philips GPLM-028-64L700WW-G2-R3M-UNV-DMG-FAWS-015-GY3 with FAWS set at position 8, or approved equal.

*Replace subsection B under section title **B. Materials** with the following:*

B. LED/OPTICAL ASSEMBLY:

The LED assembly is to be chip on board. The LED module is to be enclosed and sealed with a borosilicate Prismatic Glass optical assembly. The light output from the glass assemblies is to be further controlled by an open bottom 3 inch acrylic dropped refractor which is partially recessed within the door frame. The combination shall be NEMA IP66 rated for dust and water resistant. The L70, per IES TM-21, must be greater or equal to 100,000 hours of operational time at 25 degrees Centigrade.

The color temperature is to be 3,000K CCT unless otherwise specified.

Plan Sheets

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

PROJECT ID 2025-01-72

Revised: 23, 27, 29, and 34.

PROJECT ID 2585-00-70

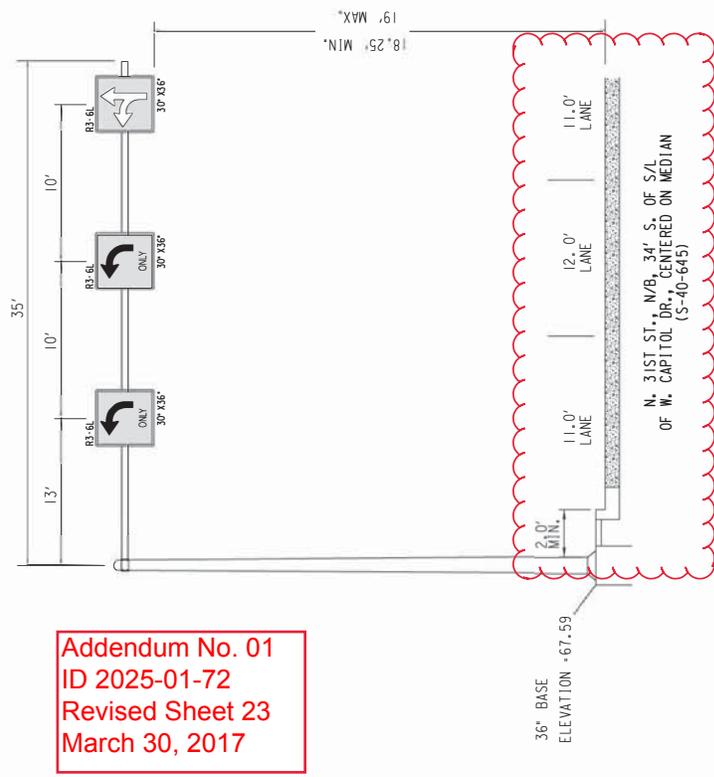
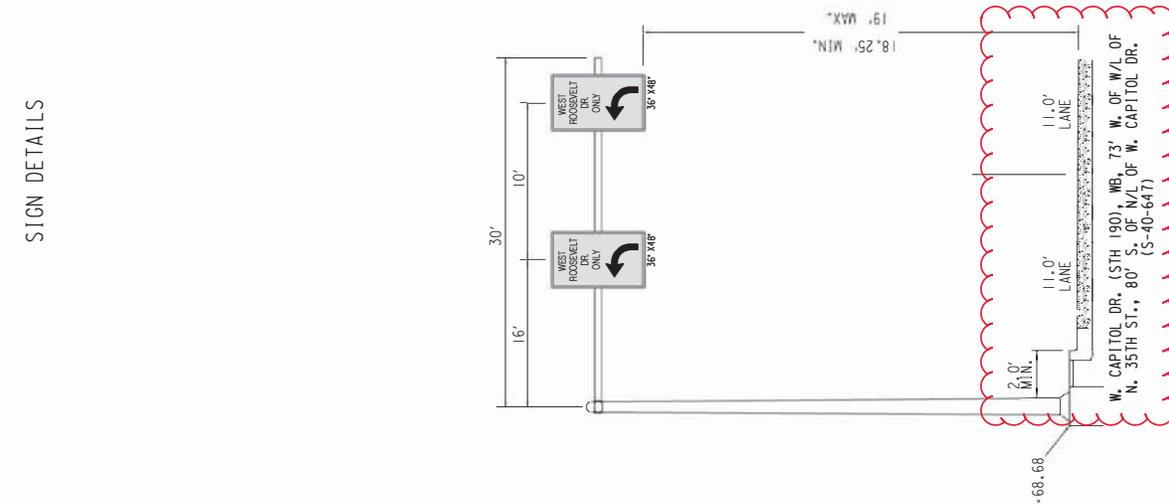
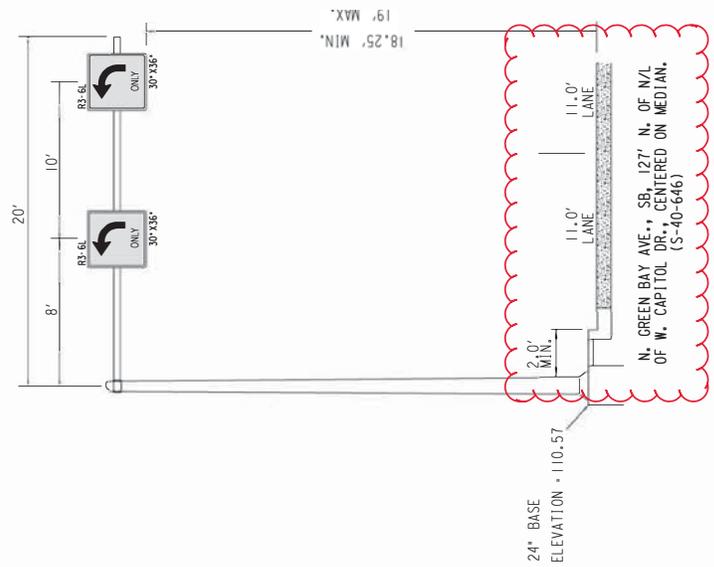
Revised: 107.

PROJECT ID 2595-08-70

Revised: 9 and 10.

END OF ADDENDUM

SIGN DETAILS



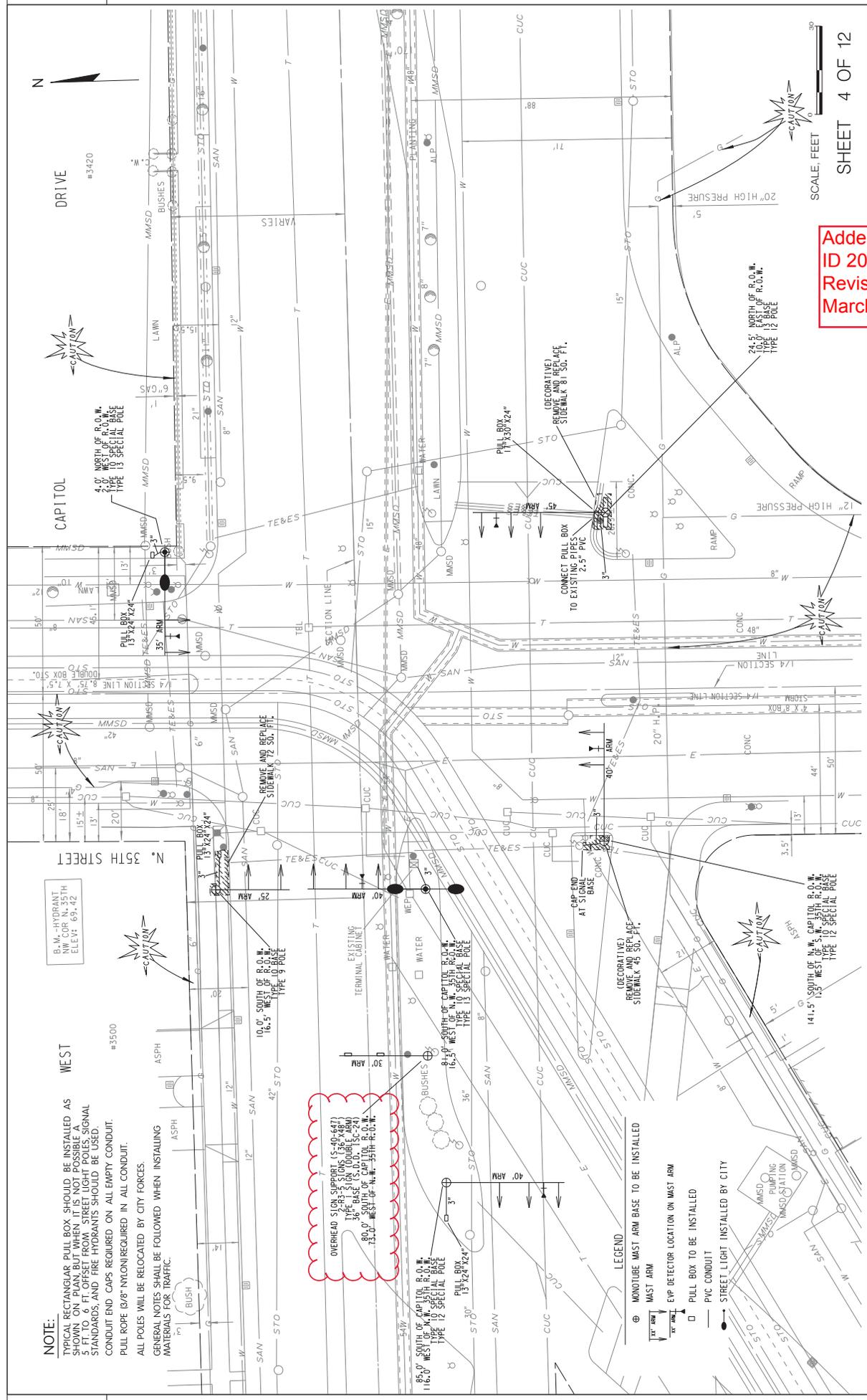
Addendum No. 01
ID 2025-01-72
Revised Sheet 23
March 30, 2017

GENERAL NOTES:
FOR 24" BASE, REFER TO 24" DIAMETER CANTILEVER OVERHEAD SIGN SUPPORT BASE S.D.D. (S.D.D. 15C22-02)
FOR 36" BASE, REFER TO 36" DIAMETER CANTILEVER OVERHEAD SIGN SUPPORT BASE S.D.D. (S.D.D. 15C24-02)
MOUNTING BRACKETS FOR SIGNS TO BE APPROVED FROM PRODUCT LIST FOR TYPE 'I' SIGNS.

CONTRACTOR SHALL:
SUBMIT SHOP DRAWINGS OF OVERHEAD SIGN SUPPORT, FOOTING IS INCIDENTAL TO OVERHEAD SIGN SUPPORT.
PROVIDE DESIGN CALCULATION.
SHOW SIGNS ON SHOP DRAWINGS.
SIX ANCHOR BOLTS SHALL BE USED PER S.D.D. S-15C22-02 AND S-15C24-02
FURNISH AND INSTALL IDENTIFICATION PLAQUES AS PER S.D.D. "STRUCTURE IDENTIFICATION PLAQUES, PUMP GATES, SIGN BRIDGES, OVERHEAD SIGN SUPPORTS & TRAFFIC SIGNALS" PLAQUES ARE INCIDENTAL TO THE OVERHEAD SIGN SUPPORT ITEMS.

NOTE:
 TYPICAL RECTANGULAR PULL BOX SHOULD BE INSTALLED AS SHOWN ON PLAN, BUT WHEN IT IS NOT POSSIBLE A 5 FT. TO 6 FT. OFFSET FROM STREET LIGHT POLES; SIGNAL STANDARDS, AND FIRE HYDRANTS SHOULD BE USED.
 PULL ROPE (3/8" NYLON) REQUIRED IN ALL CONDUIT.
 ALL POLES WILL BE RELOCATED BY CITY FORCES.
 GENERAL NOTES SHALL BE FOLLOWED WHEN INSTALLING MATERIALS FOR TRAFFIC.

NOTE:
 TYPICAL RECTANGULAR PULL BOX SHOULD BE INSTALLED AS SHOWN ON PLAN, BUT WHEN IT IS NOT POSSIBLE A 5 FT. TO 6 FT. OFFSET FROM STREET LIGHT POLES; SIGNAL STANDARDS, AND FIRE HYDRANTS SHOULD BE USED.
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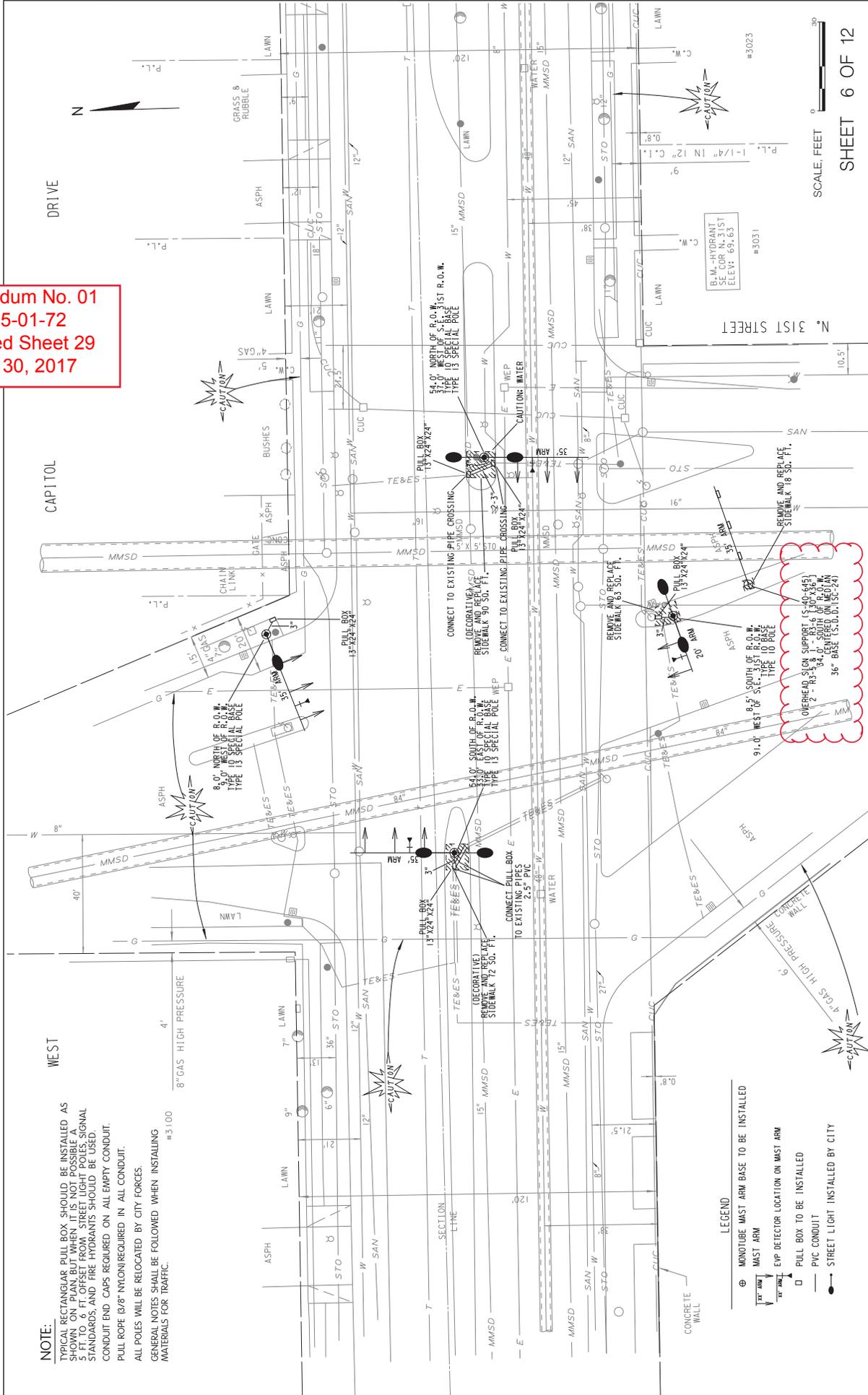


Addendum No. 01
ID 2025-01-72
Revised Sheet 27
March 30, 2017

Addendum No. 01
 ID 2025-01-72
 Revised Sheet 29
 March 30, 2017

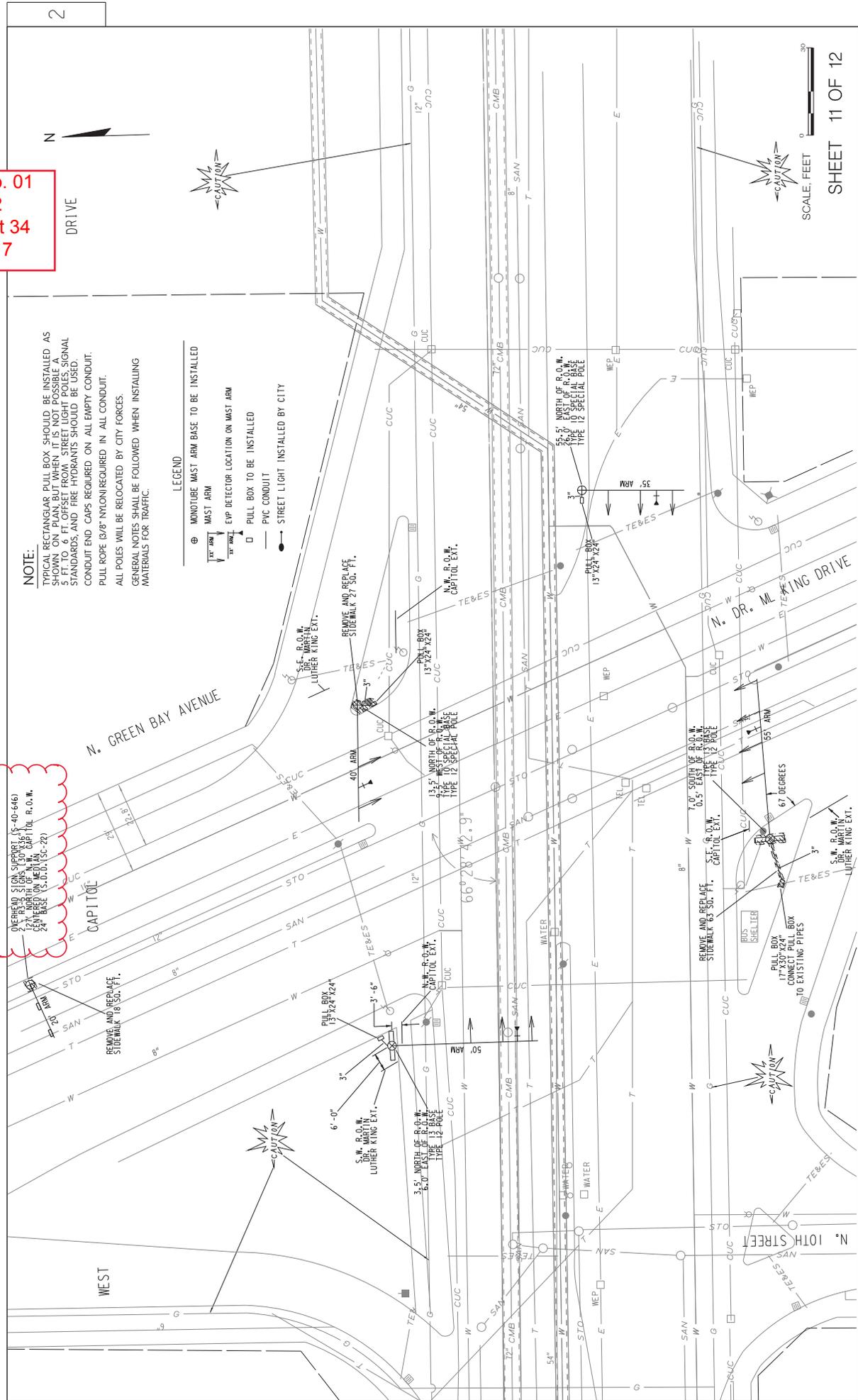
NOTE:
 TYPICAL RECTANGULAR PULL BOX SHOULD BE INSTALLED AS SHOWN ON PLAN, BUT WHEN IT IS NOT POSSIBLE A 5 FT. TO 6 FT. OFFSET FROM STREET LIGHT POLES, SIGNAL STANDARDS, AND FIRE HYDRANTS SHOULD BE USED.
 CONDUIT END CAPS REQUIRED ON ALL EMPTY CONDUIT.
 PULL ROPE (3/8" NYLON) REQUIRED IN ALL CONDUIT.
 ALL POLES WILL BE RELOCATED BY CITY FORCES.
 GENERAL NOTES SHALL BE FOLLOWED WHEN INSTALLING MATERIALS FOR TRAFFIC.

#3.100



- LEGEND**
- ⊕ MONOTUBE MAST ARM BASE TO BE INSTALLED
 - ⊕ MAST ARM
 - ⊕ EYE DETECTOR LOCATION ON MAST ARM
 - ⊕ PULL BOX TO BE INSTALLED
 - PVC CONDUIT
 - STREET LIGHT INSTALLED BY CITY

Addendum No. 01
 ID 2025-01-72
 Revised Sheet 34
 March 30, 2017



NOTE:
 TYPICAL RECTANGULAR PULL BOX SHOULD BE INSTALLED AS SHOWN ON PLAN, BUT WHEN IT IS NOT POSSIBLE A 5 FT. TO 6 FT. OFFSET FROM STREET LIGHT POLES, SIGNAL STANDARDS, AND FIRE HYDRANTS SHOULD BE USED. CONDUIT END CAPS REQUIRED ON ALL EMPTY CONDUIT. PULL ROPE 3/8" NYCON REQUIRED IN ALL CONDUIT. ALL POLES WILL BE RELOCATED BY CITY FORCES. GENERAL NOTES SHALL BE FOLLOWED WHEN INSTALLING MATERIALS FOR TRAFFIC.

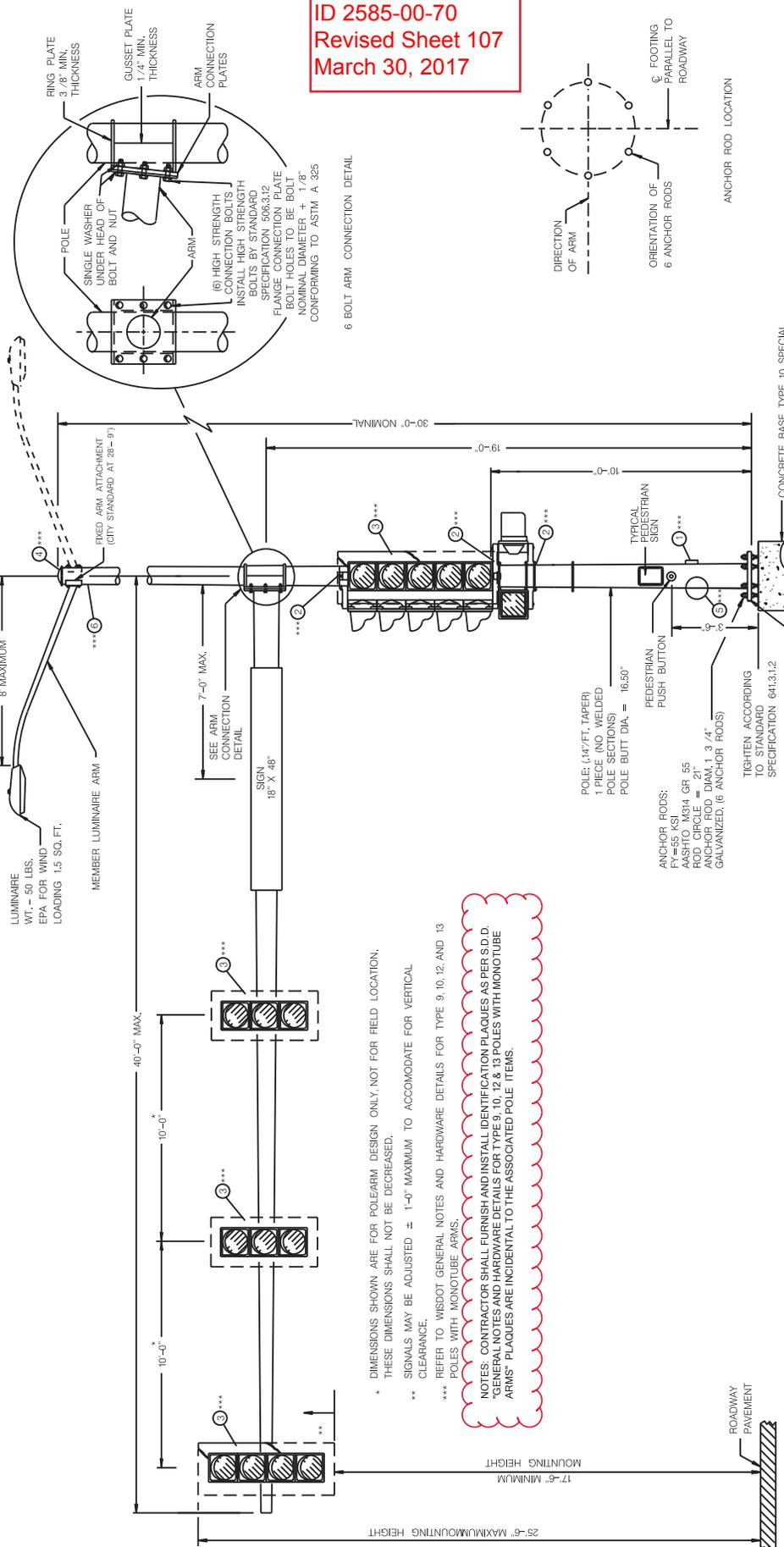
- LEGEND**
- ⊕ MONOTUBE MAST ARM BASE TO BE INSTALLED
 - MAST ARM
 - ▲ ELP DETECTOR LOCATION ON MAST ARM
 - PULL BOX TO BE INSTALLED
 - PVC CONDUIT
 - STREET LIGHT INSTALLED BY CITY

OVERHEAD SIGN SUPPORT (S-06-646)
 21' HIGHEST SIGN (S-06-316)
 12" MINIMUM CLEARANCE FROM CAPTOL R.O.M.
 24" BASE (S.D.D. 15C-22)

SCALE: FEET 0 30

SHEET 11 OF 12

Addendum No. 01
ID 2585-00-70
Revised Sheet 107
March 30, 2017



TYPE 13 POLE SPECIAL
 35'- 40' MONOTUBE ARM

CITY OF MILWAUKEE
 DEPARTMENT OF PUBLIC WORKS

REVISION: DECEMBER, 2014
 DATE: 2015.04.20
 DRAWN BY: J. HANSEN

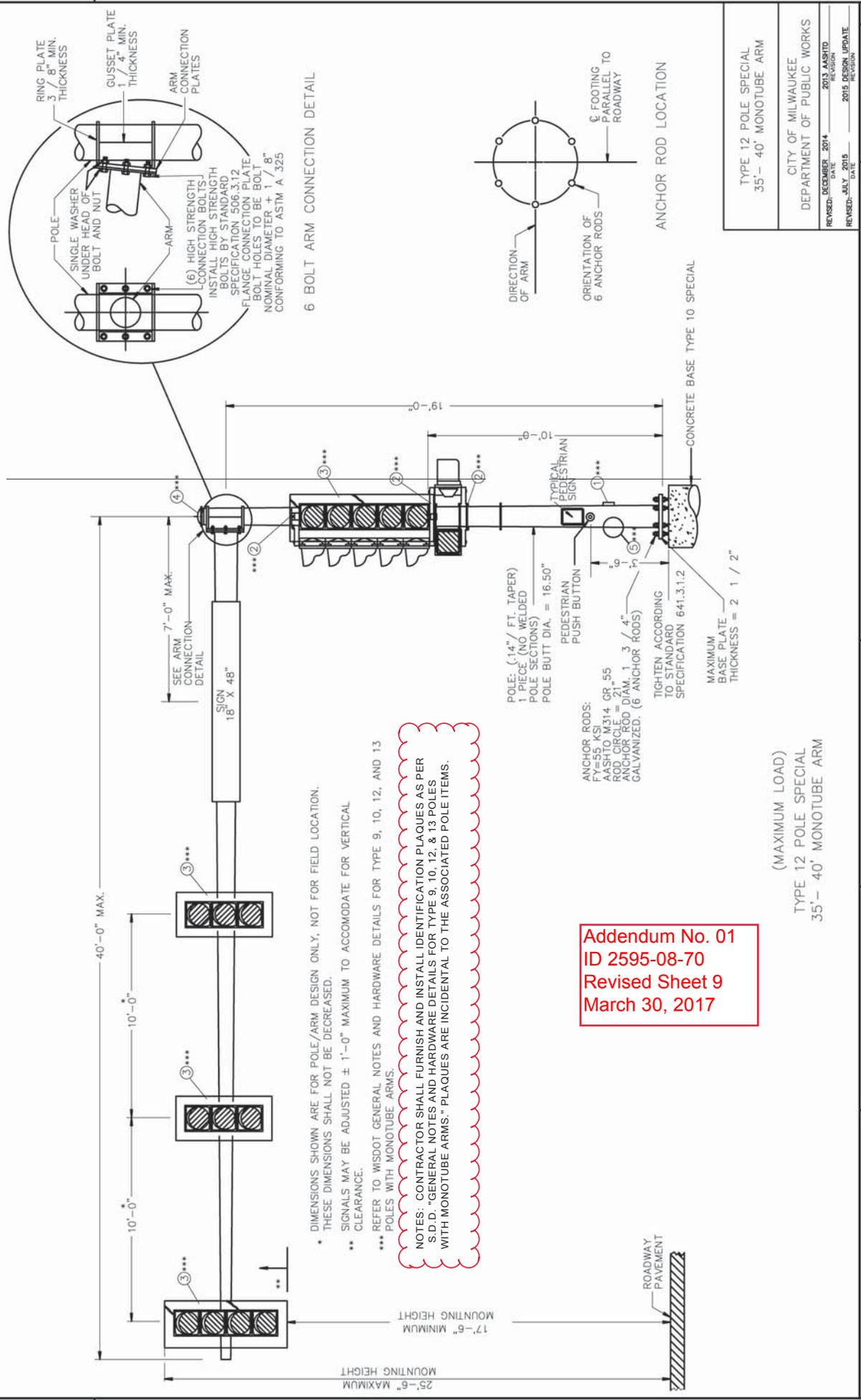
REVISION: JULY, 2015
 DATE: 2015.08.14
 DRAWN BY: J. HANSEN

FILE NAME : W:\paw\jrh\2017work\92nd St - Canfield Hampton (2585-00-70)\2585-00-70_m2nd St - Conduh- Doc-3-1616.dgn
 PLOT DATE : 31-OCT-2016 14:48
 PLOT BY : djc02d
 PLOT SCALE : 20:000000:1:000000
 WISDOT/CADD/S SHEET 42

* DIMENSIONS SHOWN ARE FOR POLE/ARM DESIGN ONLY, NOT FOR FIELD LOCATION. THESE DIMENSIONS SHALL NOT BE DECREASED.
 ** SIGNALS MAY BE ADJUSTED ± 1'-0" MAXIMUM TO ACCOMMODATE FOR VERTICAL CLEARANCE.
 *** REFER TO WISDOT GENERAL NOTES AND HARDWARE DETAILS FOR TYPE 9, 10, 12 AND 13 POLES WITH MONOTUBE ARMS.

NOTES: CONTRACTOR SHALL FURNISH AND INSTALL IDENTIFICATION PLAQUES AS PER S.D.D. *GENERAL NOTES AND HARDWARE DETAILS FOR TYPE 9, 10, 12 & 13 POLES WITH MONOTUBE ARMS* PLAQUES ARE INCIDENTAL TO THE ASSOCIATED POLE ITEMS.

(MAXIMUM LOAD)
 TYPE 13 POLE SPECIAL
 35'- 40' MONOTUBE ARM

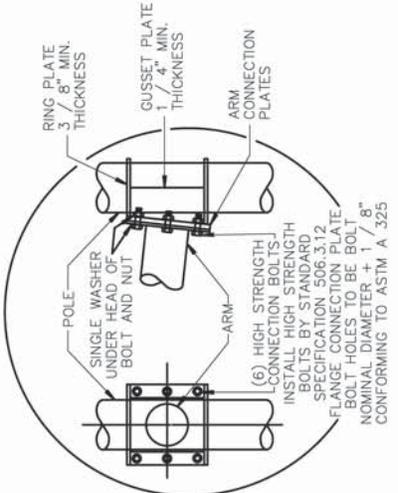


- * DIMENSIONS SHOWN ARE FOR POLE/ARM DESIGN ONLY, NOT FOR FIELD LOCATION. THESE DIMENSIONS SHALL NOT BE DECREASED.
- ** SIGNALS MAY BE ADJUSTED ± 1'-0" MAXIMUM TO ACCOMMODATE FOR VERTICAL CLEARANCE.
- *** REFER TO WSDOT GENERAL NOTES AND HARDWARE DETAILS FOR TYPE 9, 10, 12, AND 13 POLES WITH MONOTUBE ARMS.

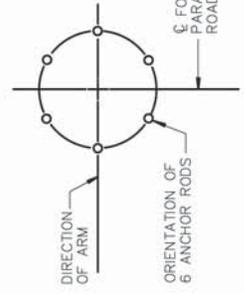
NOTES: CONTRACTOR SHALL FURNISH AND INSTALL IDENTIFICATION PLAQUES AS PER S.D.D. "GENERAL NOTES AND HARDWARE DETAILS FOR TYPE 9, 10, 12, & 13 POLES WITH MONOTUBE ARMS." PLAQUES ARE INCIDENTAL TO THE ASSOCIATED POLE ITEMS.

Addendum No. 01
 ID 2595-08-70
 Revised Sheet 9
 March 30, 2017

(MAXIMUM LOAD)
 TYPE 12 POLE SPECIAL
 35'- 40' MONOTUBE ARM

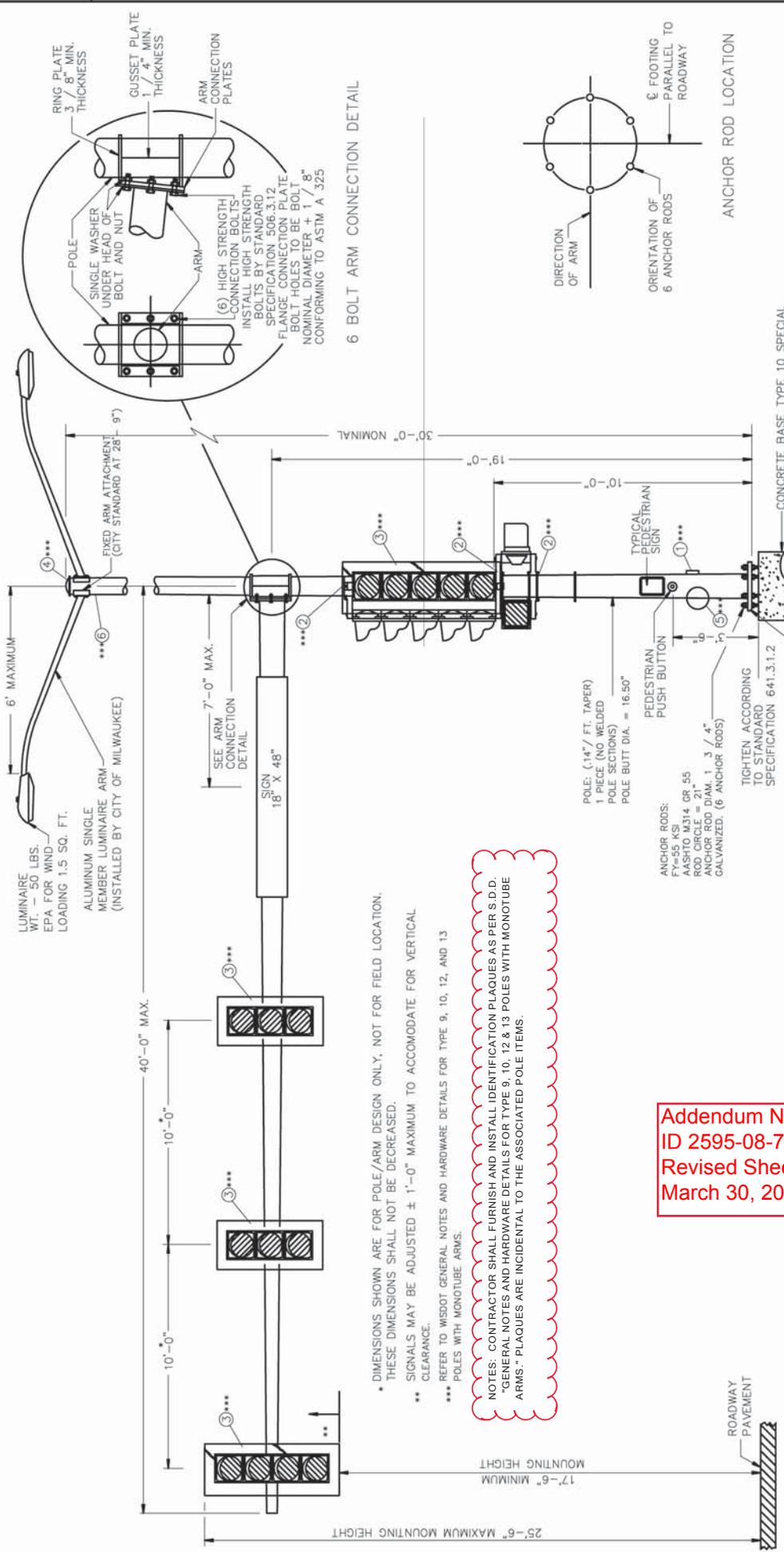


6 BOLT ARM CONNECTION DETAIL



ANCHOR ROD LOCATION

TYPE 12 POLE SPECIAL 35'- 40' MONOTUBE ARM
CITY OF MILWAUKEE DEPARTMENT OF PUBLIC WORKS
REVISION: DECEMBER 2014 DATE: 2013 JAS/STD REVISION
REVISION: JULY 2015 DATE: 2015 DESIGN UPDATE REVISION



TYPE 13 POLE SPECIAL 35' - 40' MONOTUBE ARM
CITY OF MILWAUKEE DEPARTMENT OF PUBLIC WORKS
REVISED: DECEMBER 2014 DATE: 2013 AASHTO REVISION
REVISED: JULY 2015 DATE: 2015 DESIGN UPDATE REVISION

PROJECT NO: 2595-08-70	COUNTY: MILWAUKEE	TRAFFIC SIGNAL CONDUIT DETAILS	SHEET 10
HWY: LOCAL STREETS			
PLOT NAME : TYP13POLE - DETAIL.DWG			
PLOT DATE : 10/28/2016 1:56 PM			
PLOT BY : JASON KLEIST			
PLOT SCALE : CUSTOM			
WISDOT/CADD SHEET 42			

* DIMENSIONS SHOWN ARE FOR POLE/ARM DESIGN ONLY, NOT FOR FIELD LOCATION. THESE DIMENSIONS SHALL NOT BE DECREASED.
 ** SIGNALS MAY BE ADJUSTED ± 1'-0" MAXIMUM TO ACCOMMODATE FOR VERTICAL CLEARANCE.
 *** REFER TO WSDOT GENERAL NOTES AND HARDWARE DETAILS FOR TYPE 9, 10, 12 AND 13 POLES WITH MONOTUBE ARMS.

NOTES: CONTRACTOR SHALL FURNISH AND INSTALL IDENTIFICATION PLAQUES AS PER S.D.D. "GENERAL NOTES AND HARDWARE DETAILS FOR TYPE 9, 10, 12 & 13 POLES WITH MONOTUBE ARMS." PLAQUES ARE INCIDENTAL TO THE ASSOCIATED POLE ITEMS.

Addendum No. 01
 ID 2595-08-70
 Revised Sheet 10
 March 30, 2017

(MAXIMUM LOAD)
 TYPE 13 POLE SPECIAL
 35' - 40' MONOTUBE ARM

LUMINAIRE WT. - 50 LBS. EPA FOR WIND LOADING 1.5 SQ. FT. ALUMINUM SINGLE MEMBER LUMINAIRE ARM (INSTALLED BY CITY OF MILWAUKEE)

SEE ARM CONNECTION DETAIL

18" X 48"

25'-6" MAXIMUM MOUNTING HEIGHT

17'-6" MINIMUM MOUNTING HEIGHT

ROADWAY PAVEMENT

POLE: (1 1/4" / FT. TAPER) 1 PIECE (NO WELDED POLE SECTIONS) POLE BUTT DIA. = 16.50"

ANCHOR RODS: F155, K51 AASHTO M314 GR 55 ROD CIRCLE = 2 1/4" ANCHOR ROD DIAM. 1 3/4" GALVANIZED, (6 ANCHOR RODS)

TIGHTEN ACCORDING TO STANDARD SPECIFICATION 641.3.1.2

MAXIMUM BASE PLATE THICKNESS = 2 1/2"

PEDESTRIAN PUSH BUTTON TYPICAL PEDESTRIAN SIGN

CONCRETE BASE TYPE 10 SPECIAL

FIXED ARM ATTACHMENT (CITY STANDARD AT 28' - 9")

6' MAXIMUM

RING PLATE 3/8" MIN. THICKNESS
 GUSSET PLATE 1/4" MIN. THICKNESS
 ARM CONNECTION PLATES

(6) HIGH STRENGTH CONNECTION BOLTS BY STANDARD SPECIFICATION 506.31.2 FLANGE CONNECTION PLATE BOLT HEADS TO BE 90/8" NOMINAL DIAMETER PER CONFORMING TO ASTM A 325

6 BOLT ARM CONNECTION DETAIL

