TYPICAL SIGNAL DISPLAYS

FRONT VIEW

TOP VIEW

SIDE VIEW

SIDE VIEW

ROTATIONAL ADJUSTMENT
RIGHT AND LEFT

ROTATIONAL ADJUSTMENT
ABOUT BRACKET ARM

VERTICAL ADJUSTMENT

ROTATIONAL ADJUSTMENT
ABOUT MAST ARM

SIGNAL HEAD BRACKET ADJUSTMENT

NOT TO SCALE

FILE: ReDoc/TR/Signage/Mod/Sp.Dot/Fin/SIG-301-A.dgn  REV. 02/16/17

ENGINEER OF DELIVERY

ENGINEER OF DEVELOPMENT

MICHIGAN DEPARTMENT OF TRANSPORTATION
BUREAU OF HIGHWAYS DELIVERY STANDARD PLAN FOR

MAST ARM MOUNTED
T.S. BRACKET ASSEMBLY

SIG-301-A

PLAN DATE

1 of 7
1W-3C

1W-3C With 12" x 27" Case Sign

FRONT VIEW

SIDE VIEW

1-Way Bracket Assembly
(See Detail "A" Sheet 5 of 7)

Clamp Kit (See Detail "C" Sheet 6 of 7)

12" x 27" Case Sign

Mast Arm
1W-4C (FYA)

1W-5C (Doghouse)

NOT TO SCALE
1W-Case Sign (24" x 30" Shown)
1-WAY Bracket Assembly
Detail "A"

1-WAY Bracket Arm Assembly

Note: Use 46" tube for 3 section I.S.
Use 58" tube for 4 section I.S.

NOT TO SCALE

Michigan Department of Transportation
Bureau of Highways Delivery Standard Plan
(SPECIAL DETAIL )
FHWA Approval Date

Plan Date

SIG-301-A

Sheet 5 of 7
1-WAY 5-Section Cluster Bracket Assembly

Detail "B"

- Aluminum Female Cable Mount Clamp
- Aluminum Male Cable Mount Clamp
- 5/16"-18x1-1/2" Hex Head Tap Bolt Type 304 Stainless
- 5/16" Split Lock Washer Type 304 Stainless
- 5/16"-18 Stainless V-Bolt Kit

Note: All hardware Stainless Steel

Aluminum Clamp With Galvanized Cable

Detail "C"

- Aluminum Plate with
  - 5/16"-18x7/8" Hex Head Bolt Type 304 Stainless
  - 5/16" Split Lock Washer Type 304 Stainless

- 2 7/8" Zinc 2 Retaining Ring
- Ty-Back Restraint Clamp Assembly Zinc 2
1W-Illuminated Street Name Sign

- Free-swinging tri-stud mast arm sign hanger assembly
- 3/16" x 1/4" Zinc 1 pin groove
- 5/8" Stainless band
- 1 1/2" NPS Mini Brac Mount Alum clamp
- Sq head 1/4" x 20 x 5/8" ss set screw
- 5/8" x 2 1/4 galv clevis pin
- Mast arm
- Mast Arm Pole
- 3/4" x 3/4" Alum clevis
- All thread 1 1/2" NPS x 2.13" Alum nipple
- Illuminated street name sign

2W-Illuminated Street Name Sign

- Clamp Kit (See Detail "C" Sheet 6 of 7)
- 1-Way Bracket Assembly (See Detail "A" Sheet 5 of 7)

BAND LENGTH OPTIONS
- 29" fits 4"-8" POLE DIA
- 42" fits 4"-32" POLE DIA

STAINLESS STEEL BUSHINGS
STAINLESS UPGRADE (AB-0303-5S)

Note: All hardware stainless steel