RADAR VEHICLE PRESENCE STOP-BAR DETAIL

Front View

0.88'

1.1'

Top View

0.28'

Profile View

Radar stop bar detector
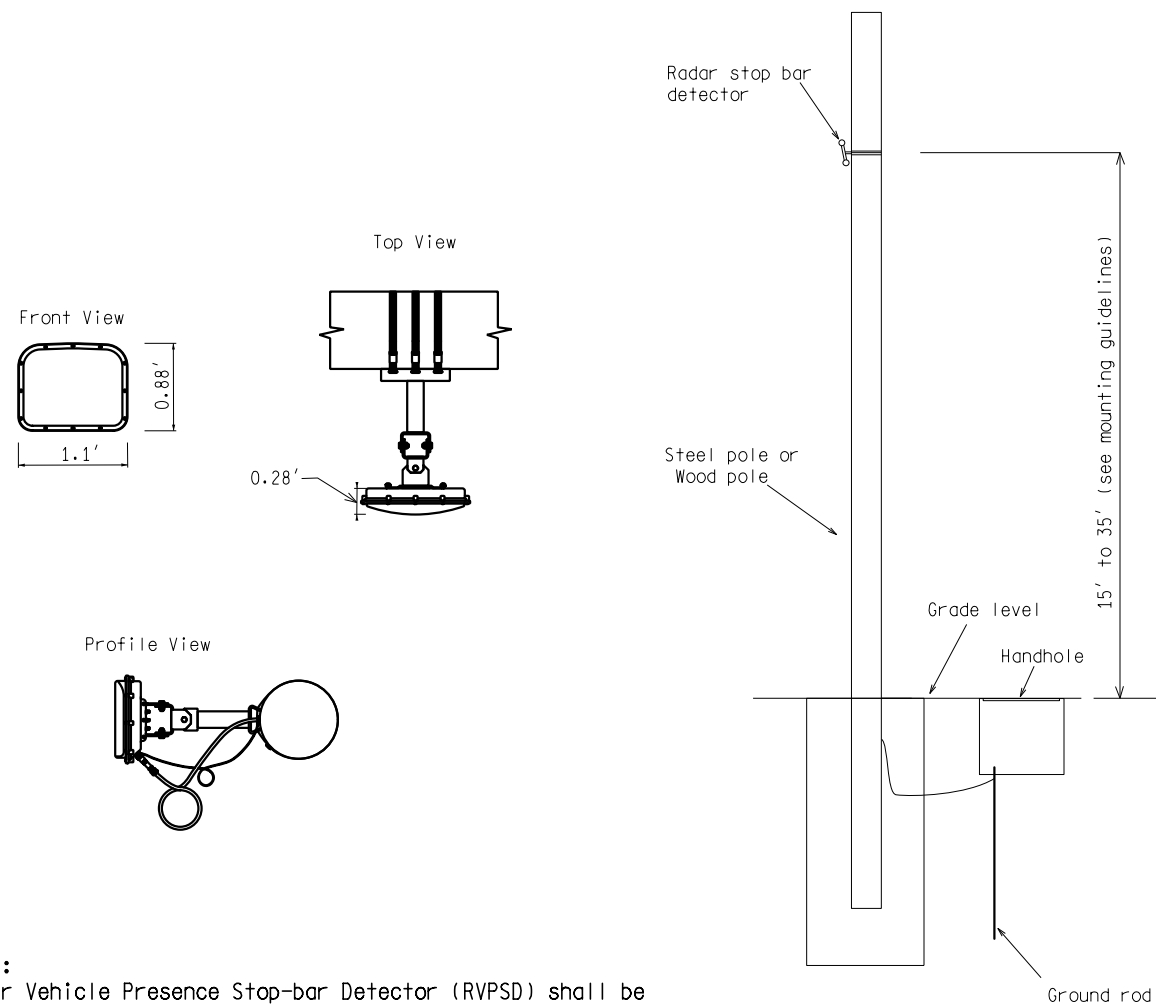
Steel pole or Wood pole

15' to 35' (see mounting guidelines)

Grade level

Handhole

Ground rod

Note:
Radar Vehicle Presence Stop-bar Detector (RVPSD) shall be installed and configured in coordination with agency and/or manufacturer representative.

NOT TO SCALE

MDOT
Michigan Department of Transportation

PREPARED BY
TRAFFIC AND SAFETY

ENGINEER OF DELIVERY

ENGINEER OF DEVELOPMENT

(SPECIAL DETAIL)
FHWA APPROVAL DATE

DRAWN BY: DSP

CHECKED BY:

MICHIGAN DEPARTMENT OF TRANSPORTATION
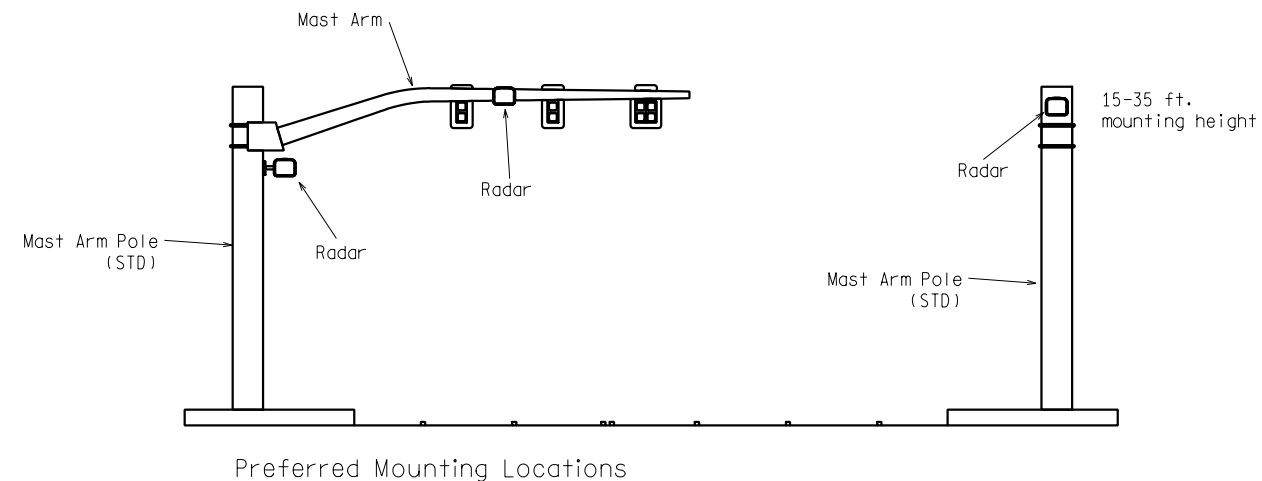BUREAU OF HIGHWAYS DELIVERY STANDARD PLAN FOR

RADAR STOP BAR DETECTION

02/16/17
PLAN DATE

SIG-460-A

SHEET
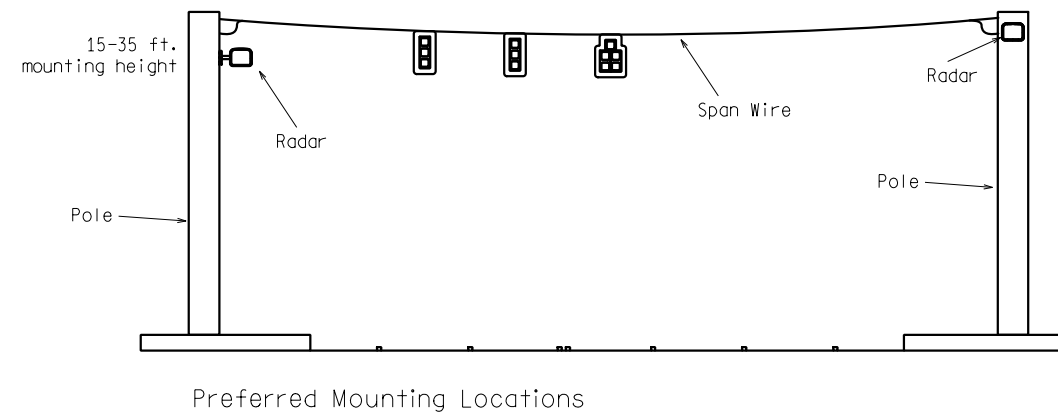1 of 2

RADAR VEHICLE PRESENCE STOP-BAR DETECTOR MAST ARM INSTALLATION DETAIL

Mast Arm

Radar

Radar

Mast Arm Pole (STD)

15-35 ft. mounting height

Radar

Mast Arm Pole (STD)

Preferred Mounting Locations

RADAR VEHICLE PRESENCE STOP-BAR DETECTOR SPAN WIRE INSTALLATION DETAIL

15-35 ft. mounting height

Radar

Span Wire

Radar

Pole

Pole

Preferred Mounting Locations

NOT TO SCALE

MICHIGAN DEPARTMENT OF TRANSPORTATION
BUREAU OF HIGHWAYS DELIVERY STANDARD PLAN

(SPECIAL DETAIL)
FHWA APPROVAL DATE

02/16/17
PLAN DATE

SIG-460-A

SHEET
2 of 2

		AS-LET PLAN REVISIONS						
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION

MDOT
Michigan Department of Transportation

DATE:		CS:		DRAWING	SHEET
DESIGN UNIT:		JN:			
FILE:		TSC:			