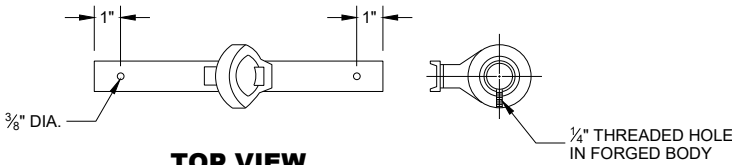


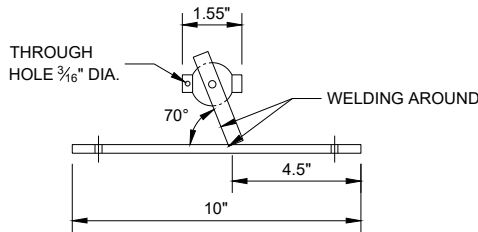
SDD 09H15 Microwave Detector Assembly and Mounted Controller Installation

GENERAL NOTES

- (A) PROVIDE 3' MOUNTING HEIGHT FROM GROUND TO BOTTOM OF CABINET.
- (B) FOR NON-SOLAR MOUNTED CONTROLLER MICROWAVE DETECTOR ASSEMBLY OPTION, SEE SDD "INSTALL MOUNTED CABINET ON POLES"
- (C) PROVIDE 15' (MIN.) MOUNTING HEIGHT FROM GROUND TO SOLAR PANEL.

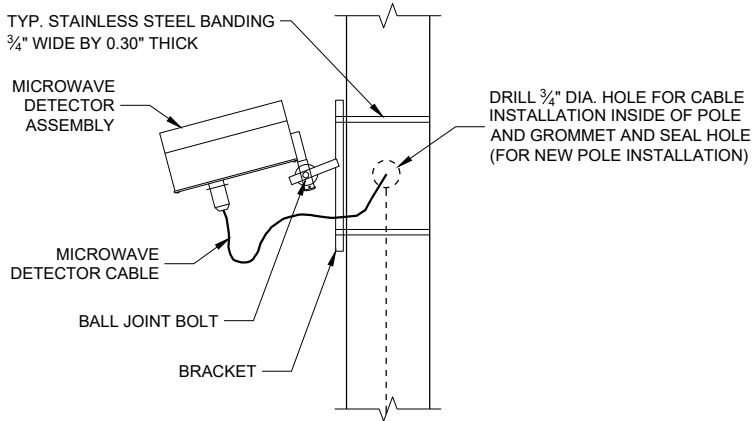


TOP VIEW

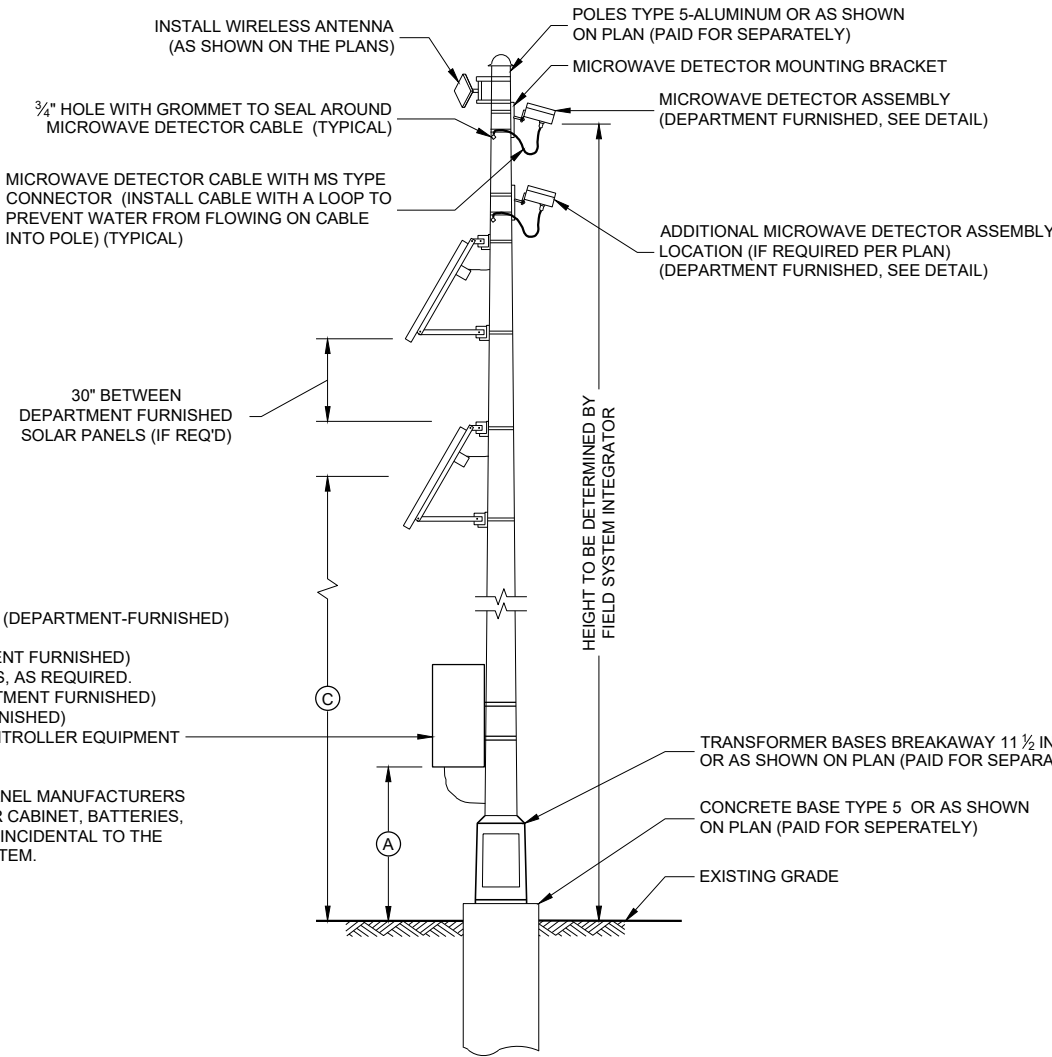


SIDE VIEW

MICROWAVE DETECTOR MOUNTING BRACKET DETAIL



TYPICAL MOUNTED CONTROLLER MICROWAVE DETECTOR ASSEMBLY INSTALLATION DETAIL



MICROWAVE DETECTOR ASSEMBLY

- (B) INSTALL SOLAR PANEL ENCLOSURE (DEPARTMENT-FURNISHED) WITH (IF REQ'D):
- SOLAR BATTERIES (DEPARTMENT FURNISHED)
 - ADDITIONAL SOLAR BATTERIES, AS REQUIRED.
 - CHARGE REGULATOR (DEPARTMENT FURNISHED)
 - INVERTER (DEPARTMENT FURNISHED)
 - ITS COMMUNICATION AND CONTROLLER EQUIPMENT (DEPARTMENT-FURNISHED)
- COORDINATE WITH CABINET AND PANEL MANUFACTURERS ON INSTALLATION OF SOLAR POWER CABINET, BATTERIES, AND PANELS. HARDWARE SHALL BE INCIDENTAL TO THE INSTALL SOLAR POWER ASSEMBLY ITEM.

MICROWAVE DETECTOR ASSEMBLY AND MOUNTED CONTROLLER INSTALLATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2017 /S/ Ahmet Demerbilek
DATE STATE ELECTRICAL ENGINEER

FHWA

*Microwave Detector Assembly and Mounted Controller Installation***References:**

[FDM15-5 Attachment 30.5](#) and [30.6](#) for conventional symbols

[Standard Spec. 654](#) Bases

[Standard Spec. 657](#) Poles, Arms, Standards, and Bases

[Standard Spec. 678](#) Communication Systems

Bid items associated with this drawing:

<u>ITEM NUMBER</u>	<u>DESCRIPTION</u>	<u>UNIT</u>
654.0105	Concrete Bases Type 5.....	EACH
657.0255	Transformer Bases Breakaway 11 1/2-Inch Bolt Circle	EACH
657.0322	Poles Type 5-Aluminum	EACH
675.0300	Install Mounted Controller Microwave Detector Assembly	EACH
678.0700	Install Wireless Antennas	EACH

Standardized Special Provisions associated with this drawing:

<u>STSP NUMBER</u>	<u>TITLE</u>
NONE	

Other SDDs associated with this drawing:

SDD 9C2	Concrete Bases Types 1, 2, 5 and 6
SDD 9C3	Transformer/Pedestal Bases
SDD 9E1	Pole Mountings
SDD 9H16	Wireless Antenna Installation

Design Notes:

NONE

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(414) 322-9606 (Mobile)