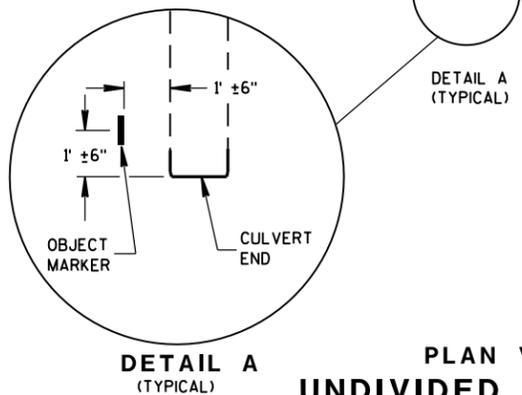
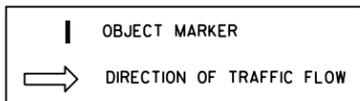
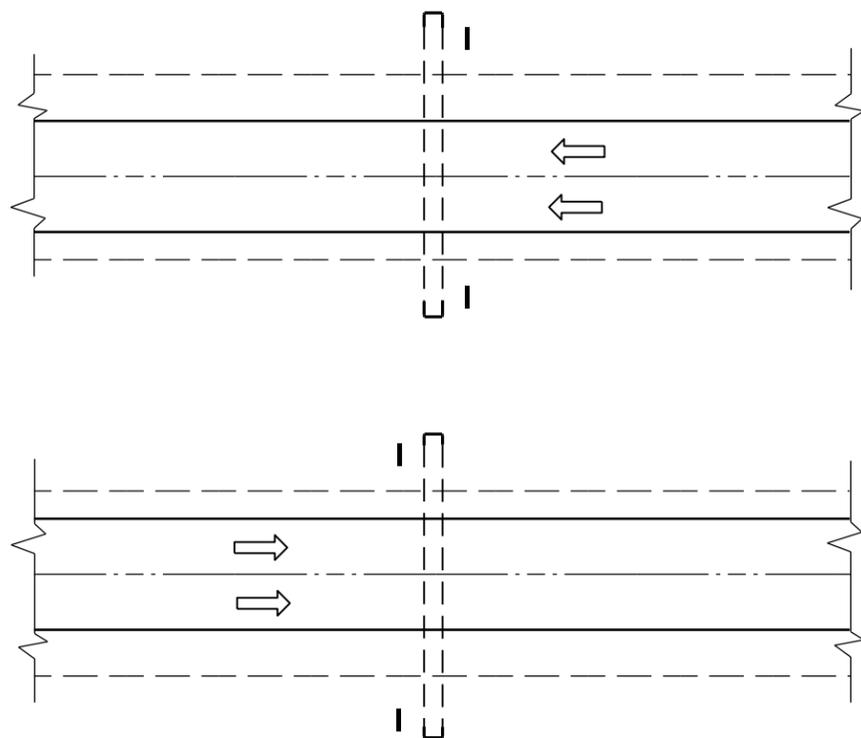
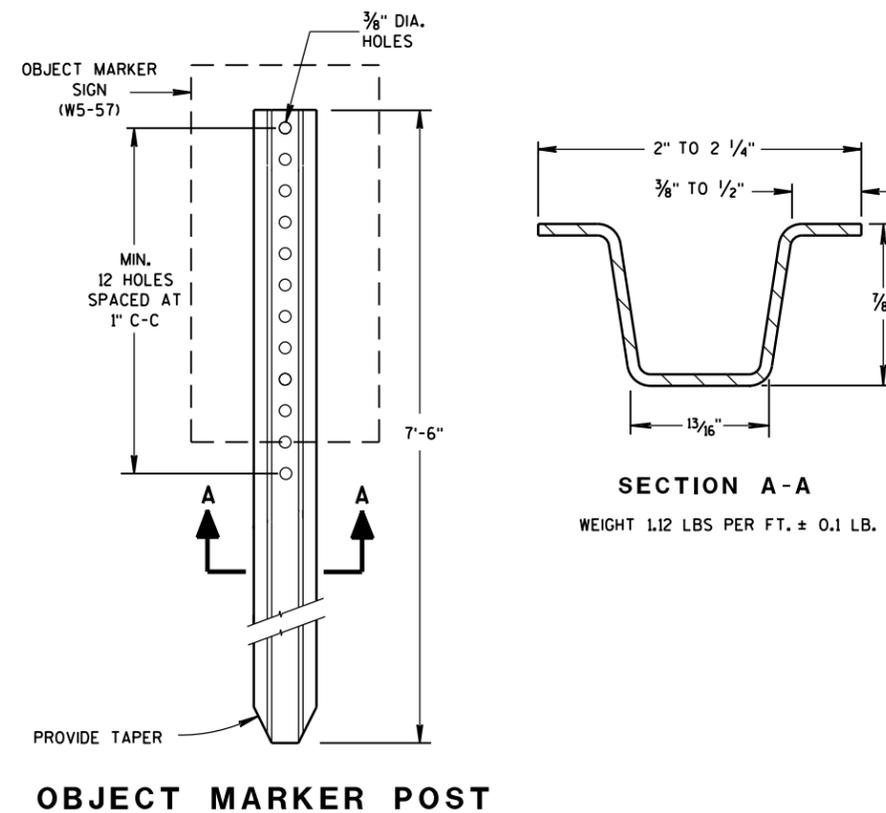




15A7: Object Marker for Hazardous Culverts



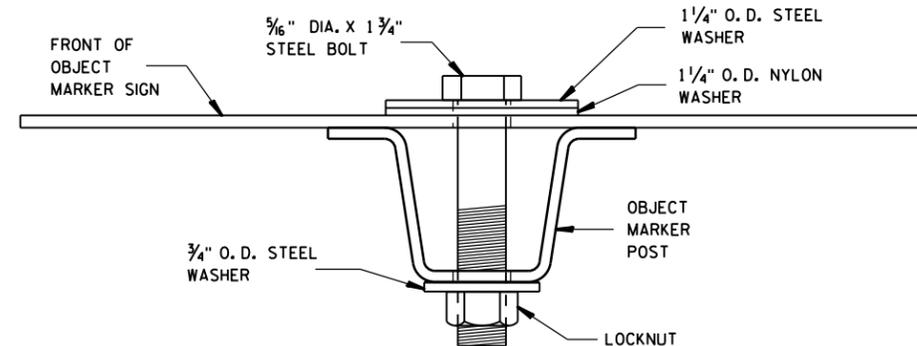
PLAN VIEW UNDIVIDED HIGHWAY



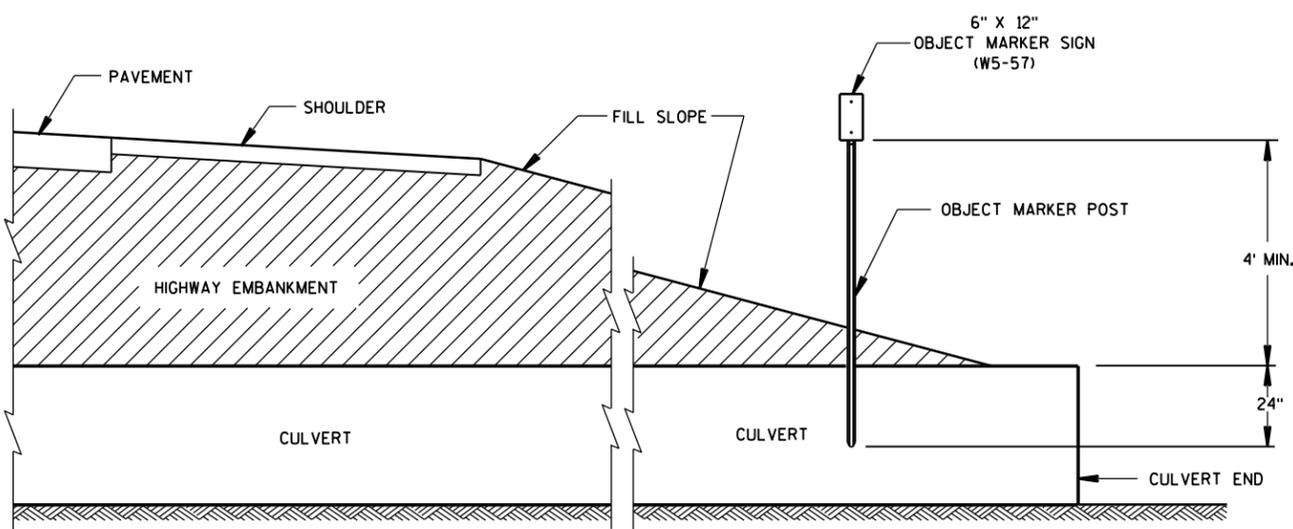
OBJECT MARKER POST

PLAN VIEW DIVIDED HIGHWAY

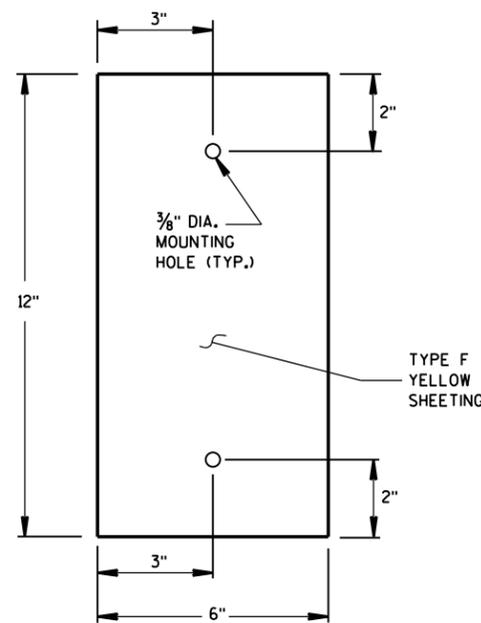
OBJECT MARKER LOCATION



MOUNTING DETAIL FOR OBJECT MARKER SIGN



CROSS SECTION OBJECT MARKER PLACEMENT



OBJECT MARKER SIGN DESIGN (W5-57 SIGN)

OBJECT MARKER FOR HAZARDOUS CULVERT	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED	/S/ Rebecca Szymkowski
9/10/2012	DATE STATE TRAFFIC ENGINEER OF DESIGN
FHWA	

Object Marker for Hazardous Culverts

References:

[FDM 11-45-2](#)

MUTCD 2009, Chapter 2C

Bid items associated with this drawing:

<u>ITEM NUMBER</u>	<u>DESCRIPTION</u>	<u>UNIT</u>
465.0475.S	Delineator Posts Steel	EACH
637.2230	Signs Type II Reflective F	SF

Standardized Special Provisions associated with this drawing:

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

Other SDDs associated with this drawing:

NONE

Design Notes:

Install object markers at hazardous culverts ends that cannot use a more desirable roadside design treatment. Use delineation if the hazardous culvert is within the Clear Zone. All W5-57 signs are 6"x12" and are mounted on 7'-6" steel delineator posts. All signs are paid as Type II.

A culvert is a hazard depending on orientation, number of culverts and size. See table below:

Pipe Orientation to Roadway	Number of Culverts	Culvert diameters (inches)
Perpendicular	1	36
	2 or more	30

Delineation can be used on other hazardous box culverts or cattle passes.

Document in DSR when using delineations to protect hazardous culverts.

Contact Person:

Sign Information: Matt Rauch (608) 266-0150, Roadside Design Information: Erik Emerson (608) 266-2842