



Standard Detail Drawings

Wisconsin Department of Transportation

Transmittal No. 441

August 2026

Standard Detail Drawings Updates

*Implementation Schedule: These drawings will be included when applicable in plans scheduled for the **November 2026** PS&E due date of the proposal preparation process schedule (refer to [FDM 19-1 Attachment 1.5](#)).*

Standard Detail Drawing (SDD) revisions are shown in the following pages. Objects from the original SDD that were changed or removed are shown in gray while revisions and new items are shown in red. Objects that did not change remain black.

For a more detailed review of the SDD's, download this PDF and open it in a PDF editor or viewer. All objects within the original and revised SDD's are on separate layers and can be isolated or hidden for a more in-depth review of the changes.

The designer notes do not display the new transmittal edits.

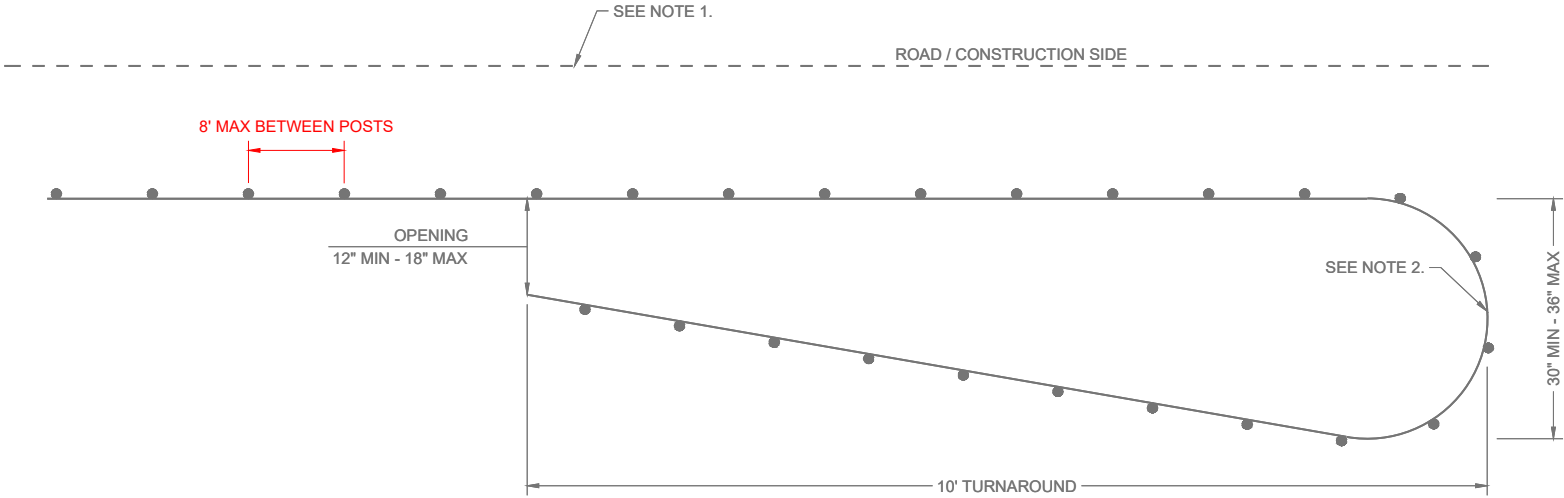
[SDD Table of Contents](#)

Summary of new or updated SDD's:

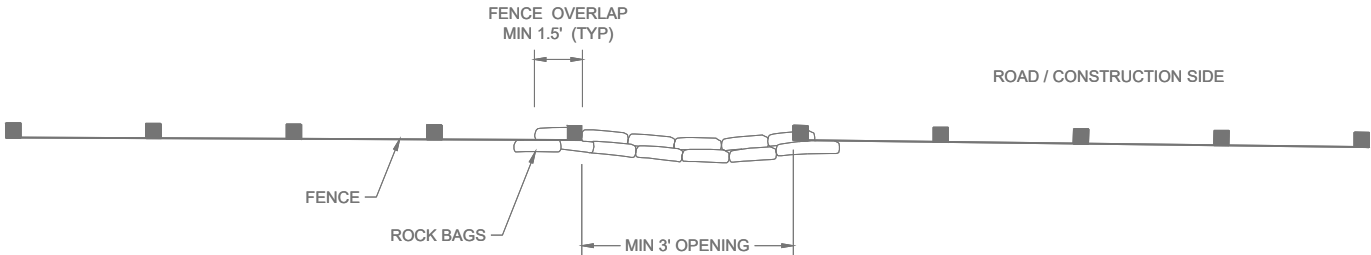
14D01	v.02	Turtle Exclusion Fence Climbing Turtle
15A04	v.09	Delineator and Delineator Post

GENERAL NOTES:

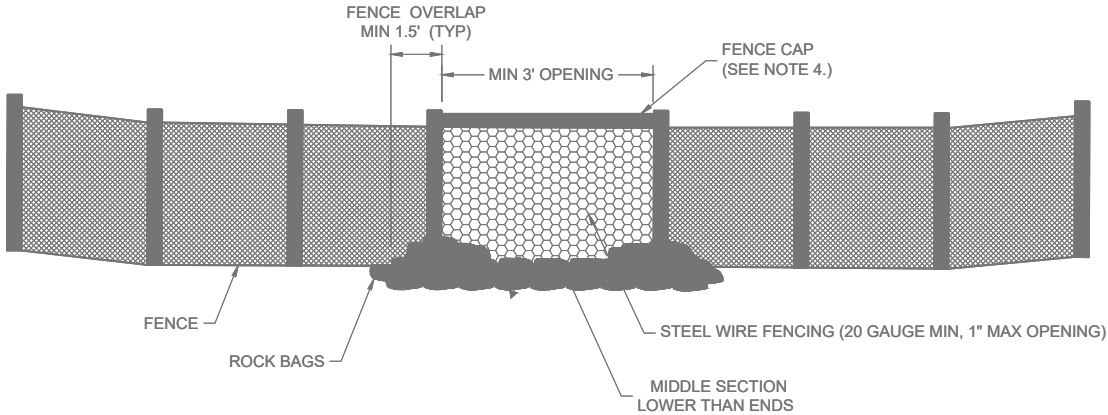
- 1. WHERE SILT FENCE IS REQUIRED, IT SHALL BE PLACED ON THE CONSTRUCTION SIDE OF THE EXCLUSION FENCING, OR COMBINED WITH THE EXCLUSION FENCING AS ALLOWED IN THE SPECIFICATIONS. POSTS ON THIS DETAIL ARE OPPOSITE OF STANDARD SILT FENCE FOR SEDIMENT CONTROL.
- 2. PLACE TURNAROUNDS AT ALL TERMINI ENDS OF THE EXCLUSION FENCING.
- 3. IF TEMPORARY ACCESS POINTS ARE NEEDED DURING CONSTRUCTION THAT REQUIRE OPENINGS IN THE EXCLUSION FENCING, ACCESS OPENINGS SHOULD BE TIGHTLY SECURED WITH BALES OF HAY OR STRAW WHENEVER CONSTRUCTION RELATED ACTIVITIES ARE NOT OCCURRING. REINSTALL EXCLUSION FENCING WHEN THE WORK REQUIRING THE TEMPORARY ACCESS OPENING IS COMPLETED.
- 4. THE FENCE CAP MAY BE A 6" UNDER DRAIN PIPE, SLIT DOWN THE CENTER AND PLACED OVER THE FENCE. COMMERCIALY AVAILABLE SAFETY CAPS WITH A LIP MAY BE USED. OTHER METHODS TO PREVENT TURTLES FROM PASSING OVER THE TOP OF THE FENCE MAY BE USED AS APPROVED BY THE ENGINEER AND WITH CONCURRENCE FROM DNR. SECURELY FASTEN THE CAP TO PREVENT IT FROM BEING DISLODGED. SECURELY FASTEN THE CAP TO PREVENT IT FROM BEING DISLODGED.
- 5. SECURE GEOTEXTILE FABRIC TO WOODEN POSTS USING WIRE STAPLES. OTHER METHODS THAT DO NOT ALLOW TURTLES TO CLIMB OVER THE TOP OF THE FENCE MAY BE USED AS APPROVED BY THE ENGINEER AND WITH CONCURRENCE FROM DNR.



PLAN VIEW
CLIMBING TURTLE EXCLUSION FENCE DETAIL



PLAN VIEW



FRONT VIEW

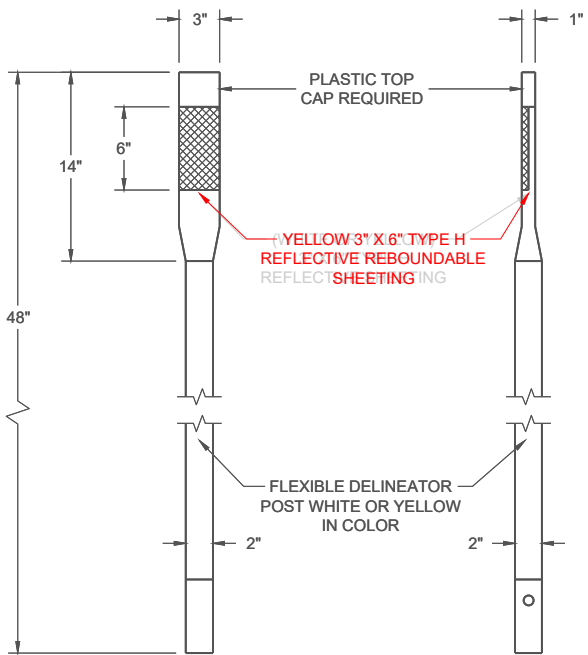
CLIMBING TURTLE FENCE RELIEF DETAIL

TURTLE EXCLUSION FENCE
CLIMBING TURTLE

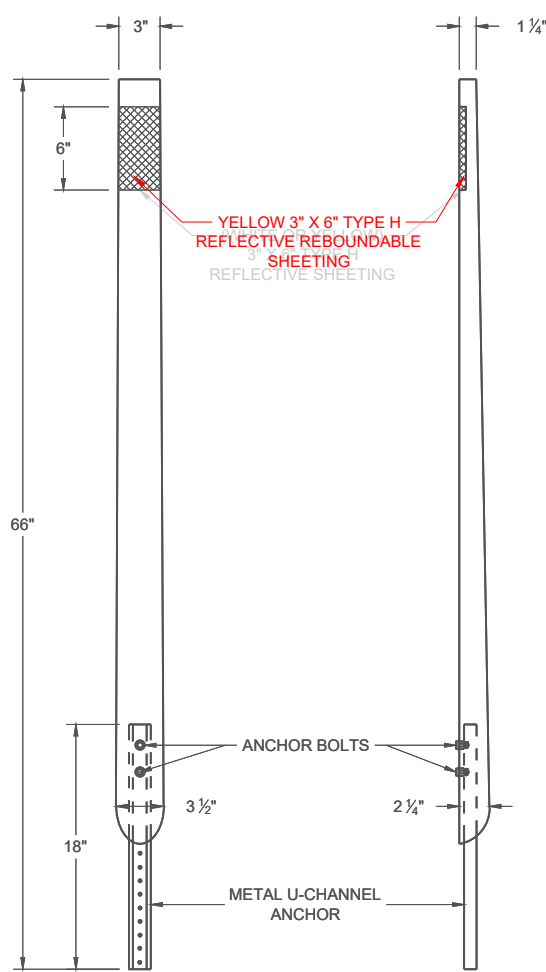
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
DATE AUGUST 2026 /S/ ALYSSA BARRETTE
CHIEF STATEWIDE ENVIRONMENTAL SERVICES
BUREAU OF TECHNICAL SERVICES

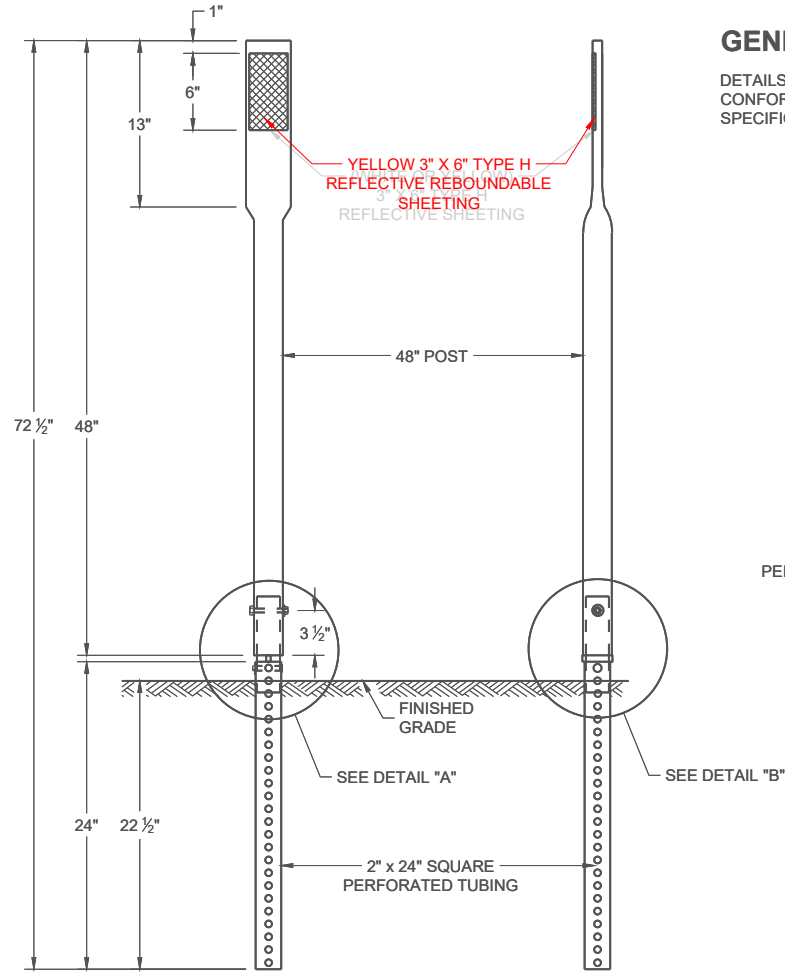
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FRONT VIEW SIDE VIEW
ALTERNATE 1

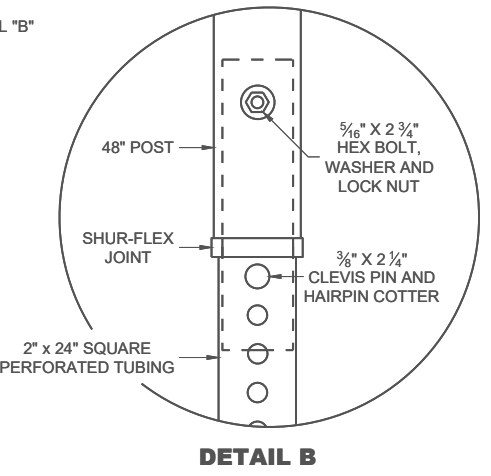
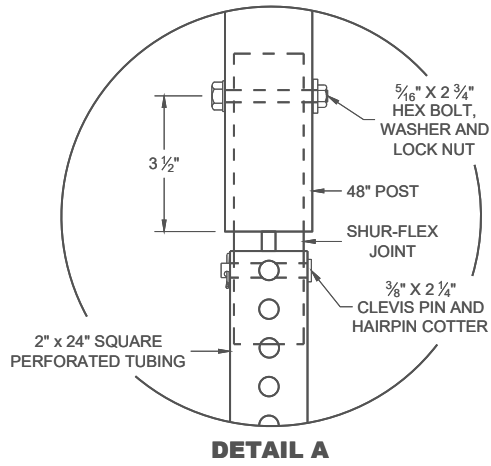


FRONT VIEW SIDE VIEW
ALTERNATE 2
FLEXIBLE DELINEATOR POSTS



FRONT VIEW SIDE VIEW
ALTERNATE 3

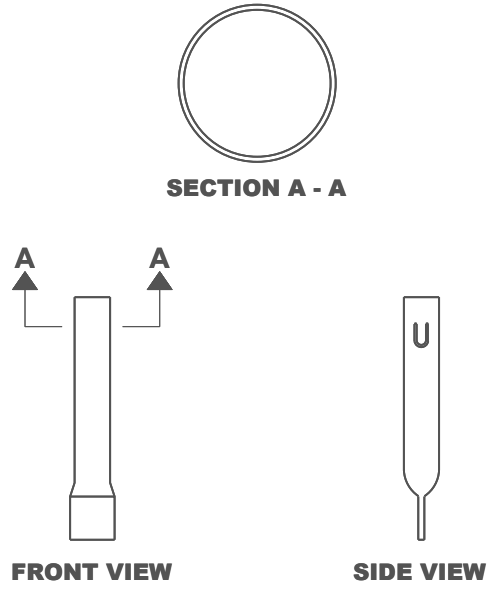
GENERAL NOTES
DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.



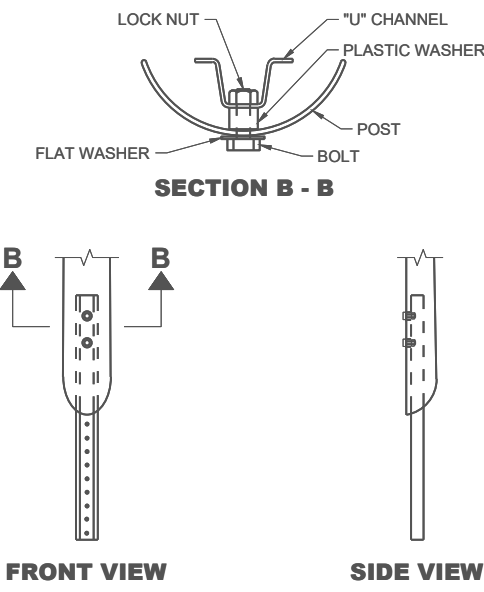
REFLECTOR SPACING TABLE

REFLECTOR SPACING	LOCATION
* 100' C-C	RAMPS
400' C-C	MAINLINE

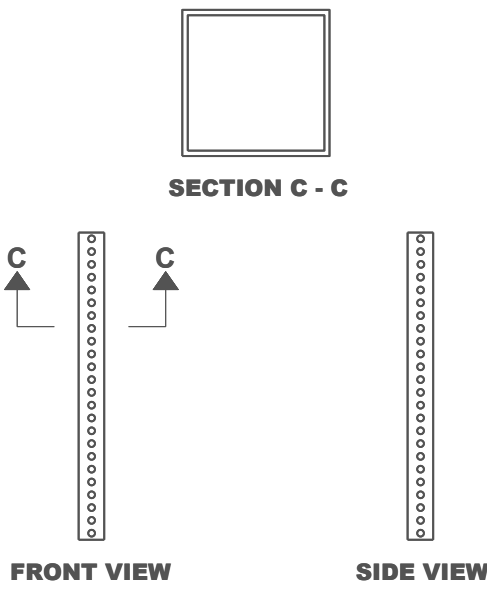
* START AT BEGINNING OF RAMP TAPER AND END AT END OF RAMP TAPER



FRONT VIEW SIDE VIEW
ALTERNATE 1



FRONT VIEW SIDE VIEW
ALTERNATE 2



FRONT VIEW SIDE VIEW
ALTERNATE 3

FLEXIBLE MARKER POST ANCHORS

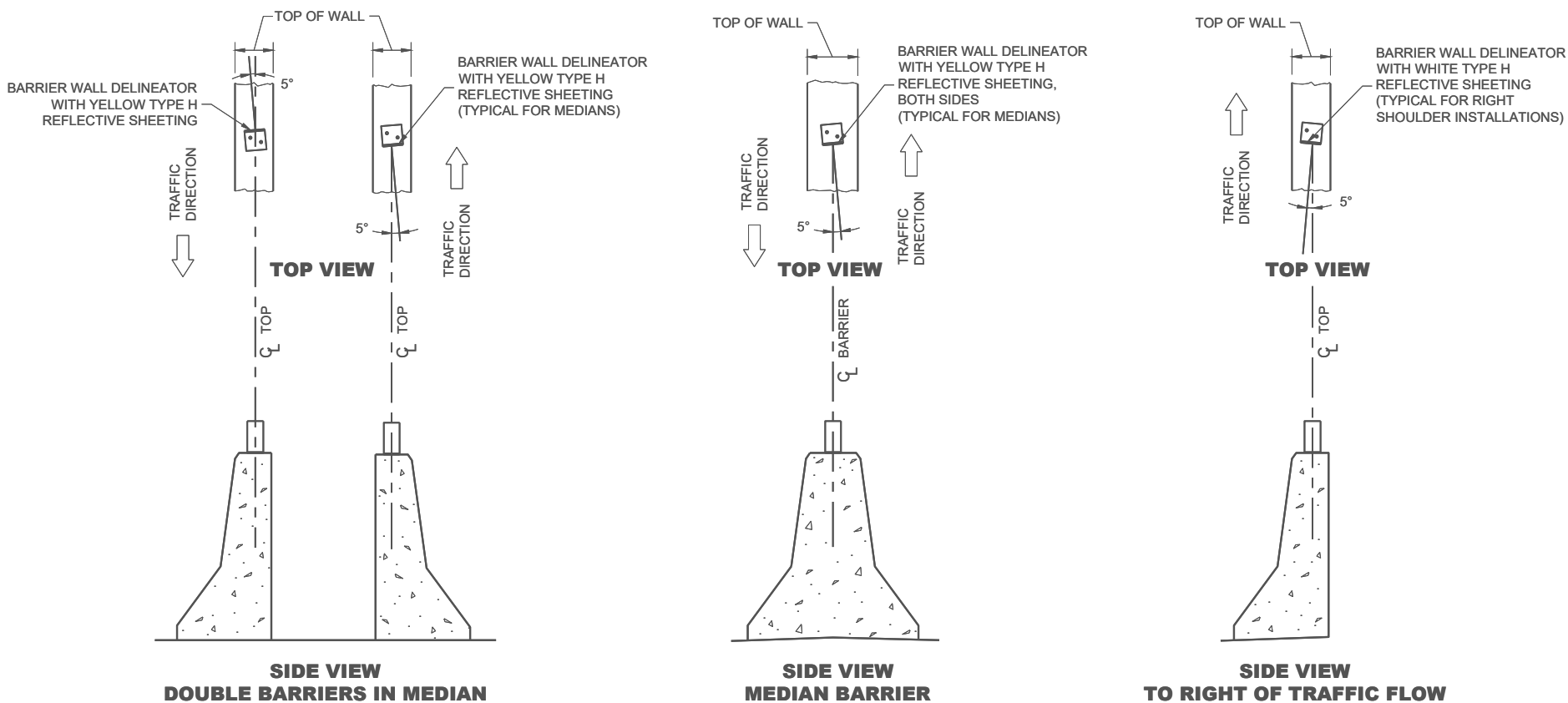
FLEXIBLE DELINEATOR POST GUARDRAIL REFLECTORS

STATE OF WISCONSIN
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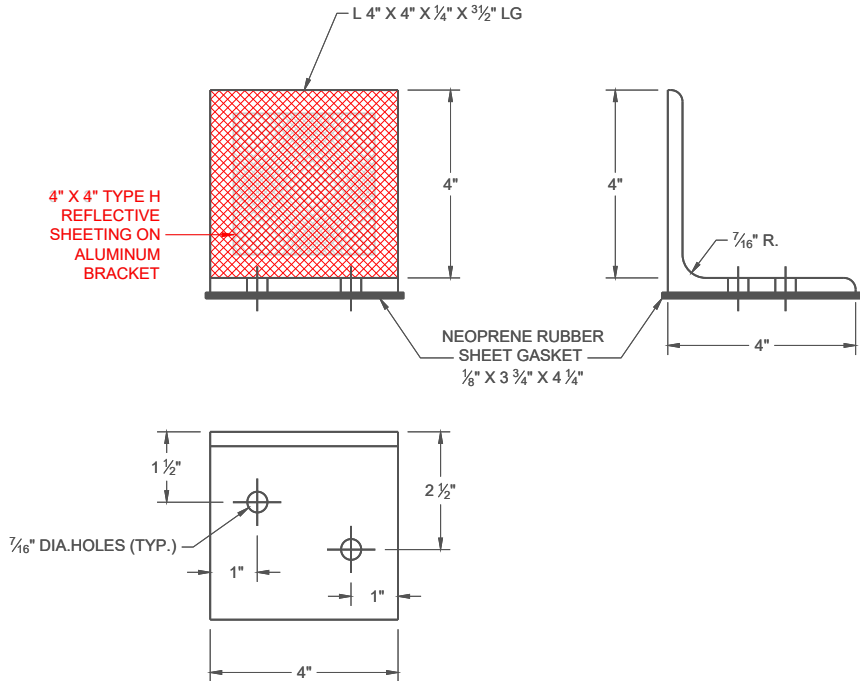
APPROVED
August 2026
DATE

/S/ Jeannie Silver
Statewide Pavement Marking Engineer

FHWA



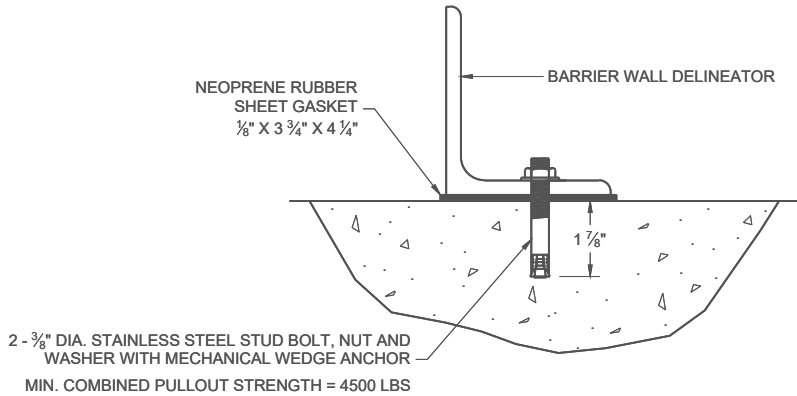
LOCATION AND AIMING DETAILS FOR BARRIER WALL DELINEATOR MOUNTED ON CONCRETE BARRIERS



BARRIER WALL DELINEATOR

REFLECTOR SPACING TABLE

REFLECTOR SPACING	MINIMUM NUMBER OF REFLECTORS
100' C-C	3



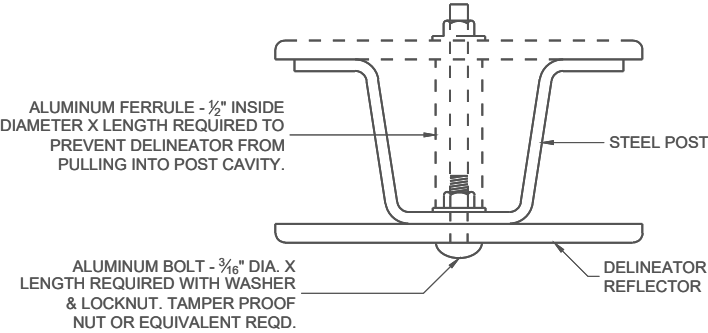
BARRIER WALL DELINEATOR MOUNTING DETAIL

BARRIER WALL DELINEATOR WITH REFLECTIVE SHEETING
GUARDRAIL REFLECTORS

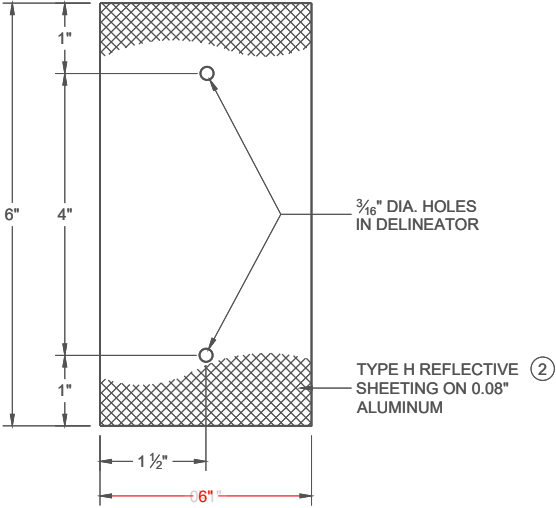
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August 2026 /S/ Jeannie Silver
DATE Statewide Pavement Marking Engineer

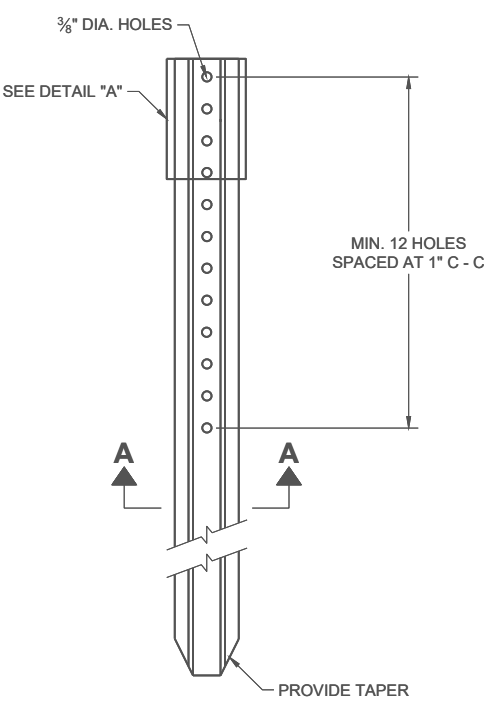
FHWA



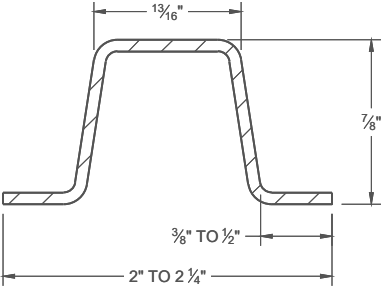
MOUNTING DETAIL FOR DELINEATOR REFLECTOR



DETAIL "A" 3" X 6" DELINEATOR REFLECTOR



DELINEATOR POST



SECTION A - A
WEIGHT 1.12 LBS PER FT. \ 0.1 LB.

REFLECTOR SPACING TABLE

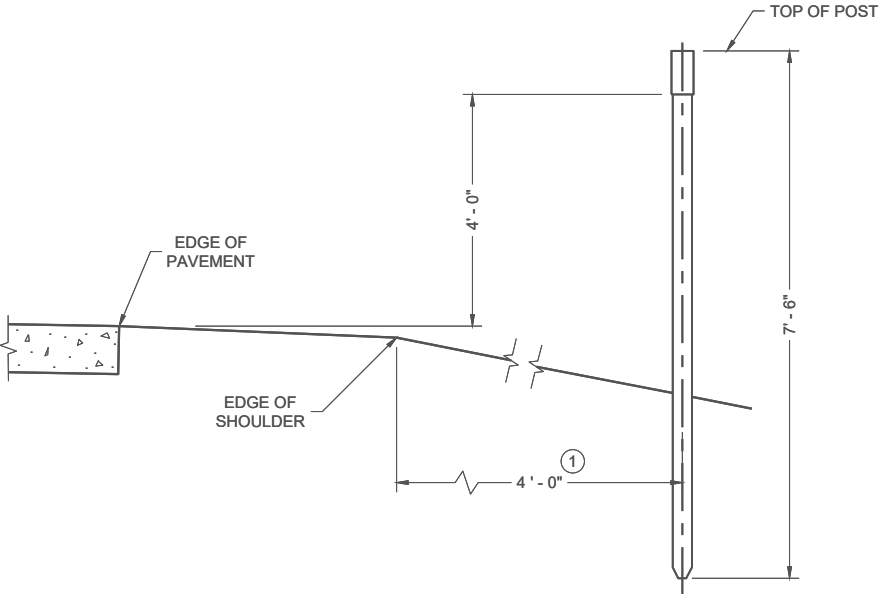
REFLECTOR SPACING	LOCATION
* 100' C-C	RAMPS
400' C-C	MAINLINE

* START AT BEGINNING OF RAMP TAPER AND END AT END OF RAMP TAPER

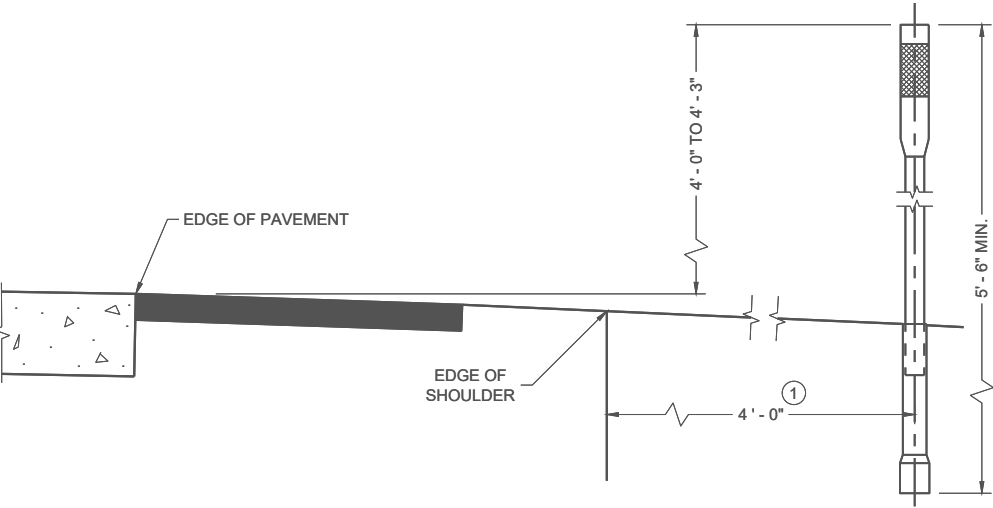
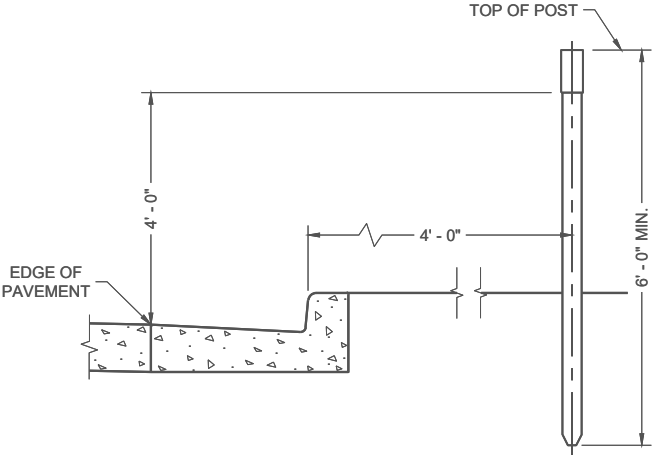
GENERAL NOTES

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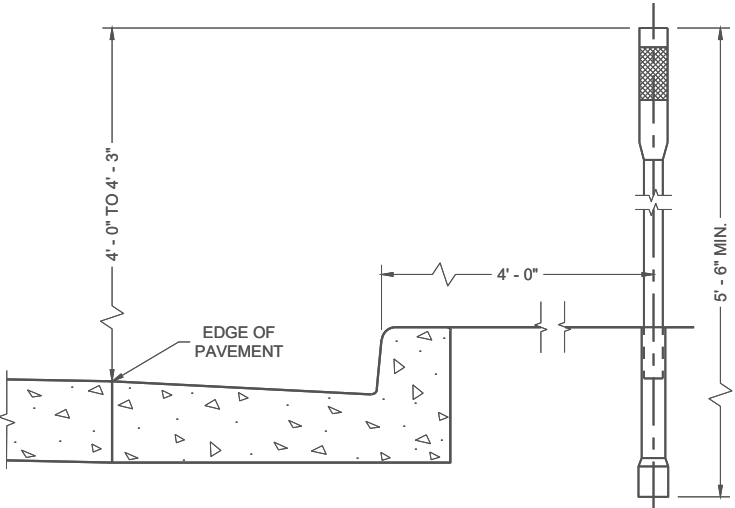
- ① DELINEATORS SHALL BE PLACED AT A CONSTANT DISTANCE FROM THE EDGE OF THE SHOULDER FOR THE LENGTH OF THE INSTALLATION.
- ② FURNISH TYPE H SHEETING FROM THE APPROVED PRODUCTS LIST.



TYPICAL INSTALLATIONS OF DELINEATOR POSTS



TYPICAL INSTALLATIONS OF FLEXIBLE DELINEATOR POSTS



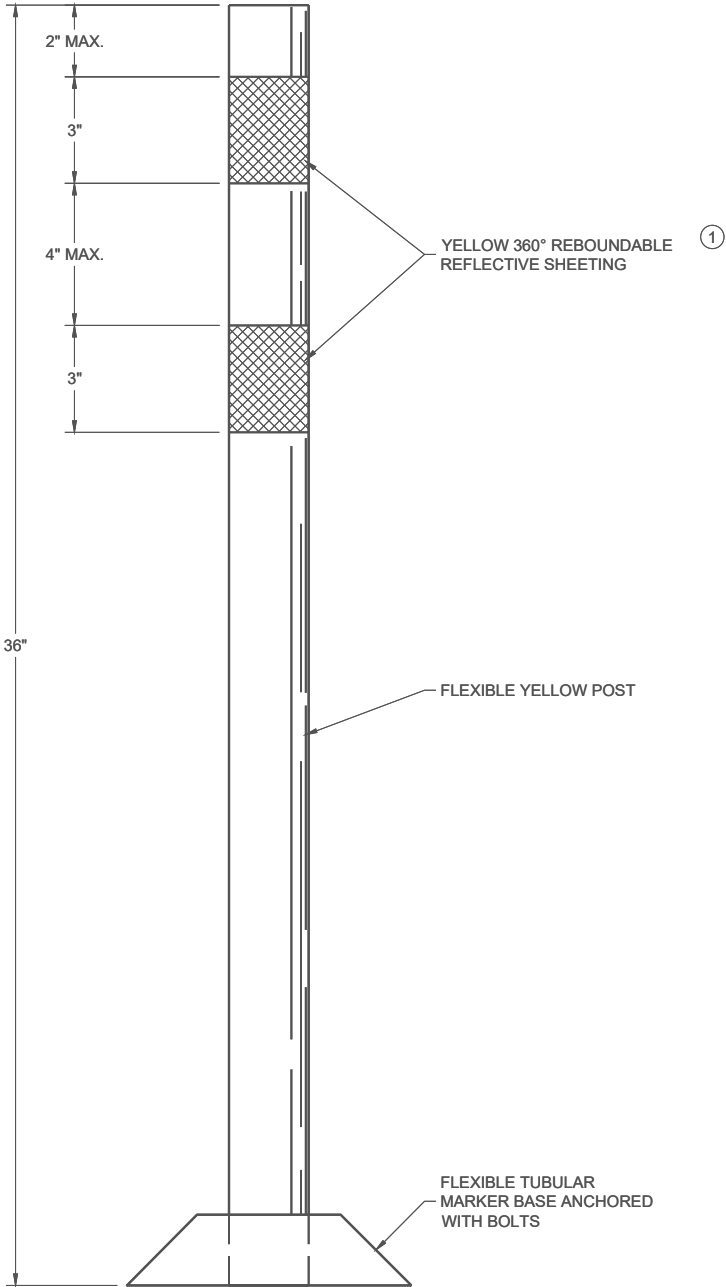
DELINEATOR POST
WITH REFLECTIVE SHEETING
GUARDRAIL REFLECTORS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2026
DATE

/S/ Jeannie Silver
Statewide Pavement Marking Engineer

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**PERMANENT FLEXIBLE
TUBULAR MARKER POST**

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

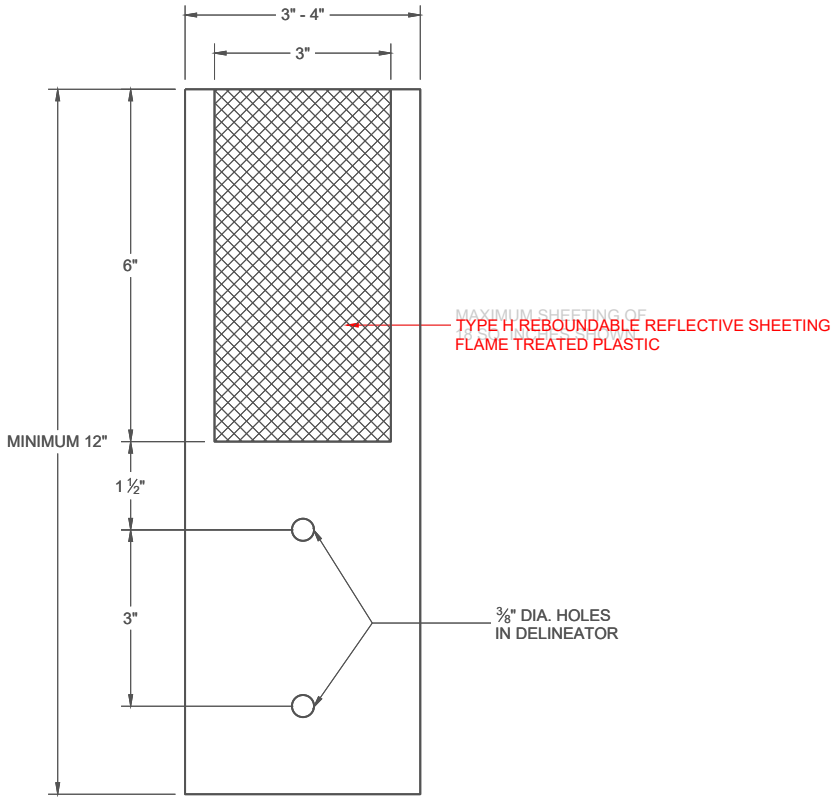
SURFACE MOUNTED BASES SHALL BE FURNISHED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS TO BE COMPATIBLE WITH FLEXIBLE TUBULAR MARKER POSTS TO A SIZE AND SHAPE THAT WILL PROVIDE A STABLE POST FOUNDATION WHEN SECURED TO THE PAVEMENT.

THE ASPHALTIC ADHESIVE OR BUTYL PAD FURNISHED SHALL BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS, UNLESS DIRECTED BY THE ENGINEER TO USE BOLTS.

IF MORE THAN ONE FLEXIBLE DELINEATOR IS USED INSTALL AT 50' SPACING'S

- ① REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.

CHANNELIZING DEVICES	
PERMANENT FLEXIBLE TUBULAR MARKER POST	
GUARDRAIL REFLECTORS	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED August 2026 DATE	/S/ Jeannie Silver Statewide Pavement Marking Engineer
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4' x 12' DELINEATOR
WITH REFLECTIVE SHEETING
GUARDRAIL REFLECTOR

REFLECTOR SPACING TABLE

REFLECTOR SPACING	MINIMUM NUMBER OF REFLECTORS
100' C-C	3

DELINEATOR POST WITH REFLECTIVE SHEETING GUARDRAIL REFLECTORS	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED <u>August 2026</u> DATE	<u>/S/ Jeannie Silver</u> Statewide Pavement Marking Engineer

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