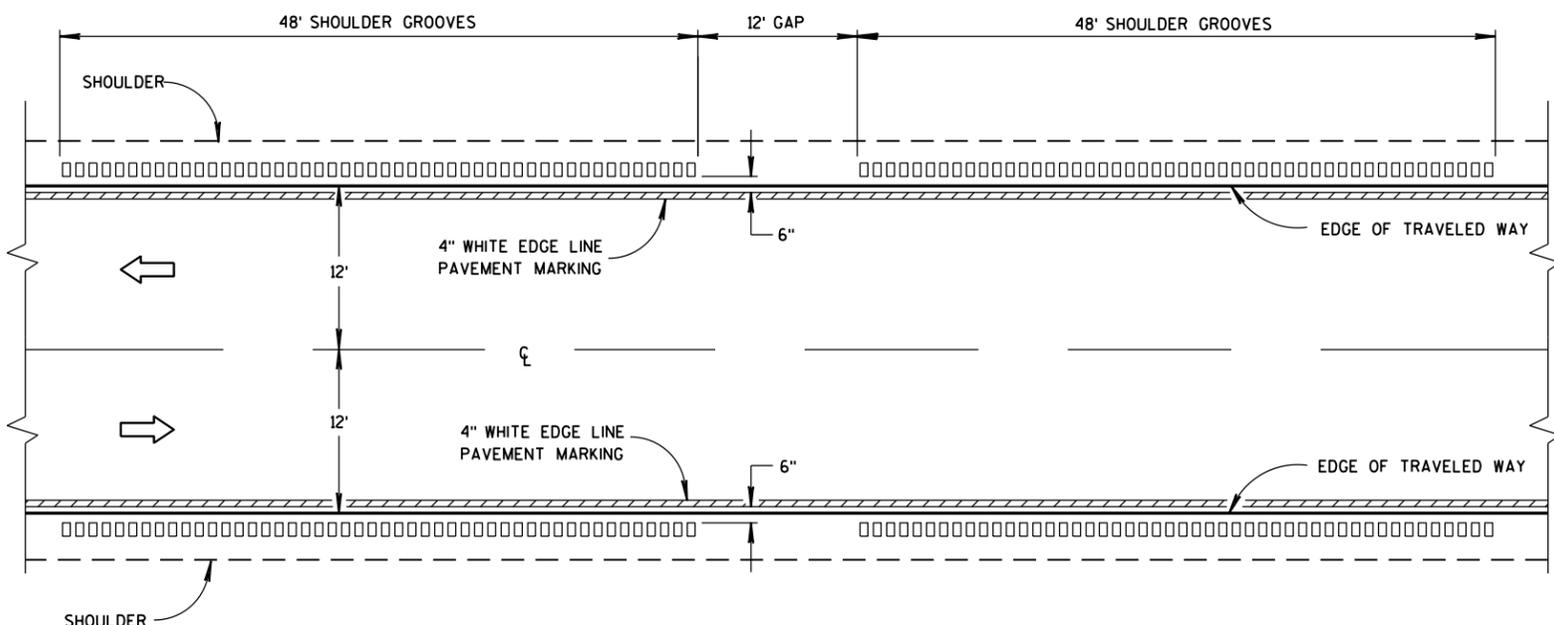


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PLACEMENT DETAIL FOR TYPE 1 MILLED RUMBLE STRIP

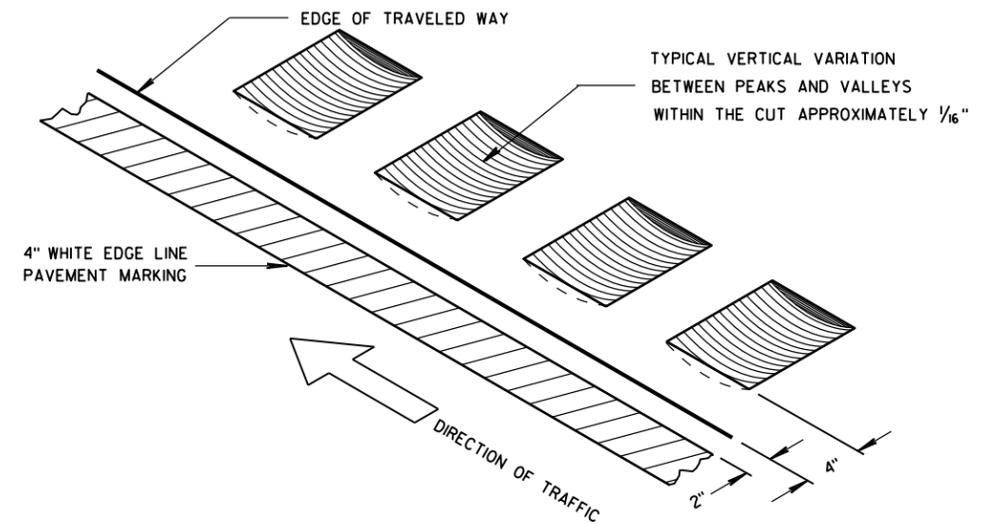


TYPE 1
2-LANE SHOULDER RUMBLE STRIP

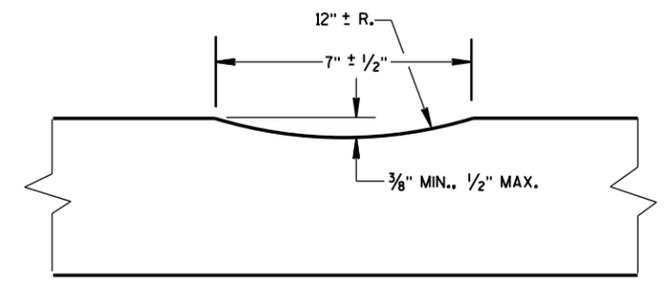
GENERAL NOTES

DETAILS OF CONSTRUCTION SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.
DO NOT MILL SHOULDER GROOVES THROUGH ANY INTERSECTION, MARKED CROSSWALK, NON-MOTORIZED PATH CROSSING, OR SNOWMOBILE CROSSING.

- ① SHOULDER GROOVES MAY BE OMITTED IN AREAS WITH HIGH CONCENTRATIONS OF DRIVEWAYS, WHEN DIRECTED BY THE ENGINEER.



ISOMETRIC



SECTION A-A

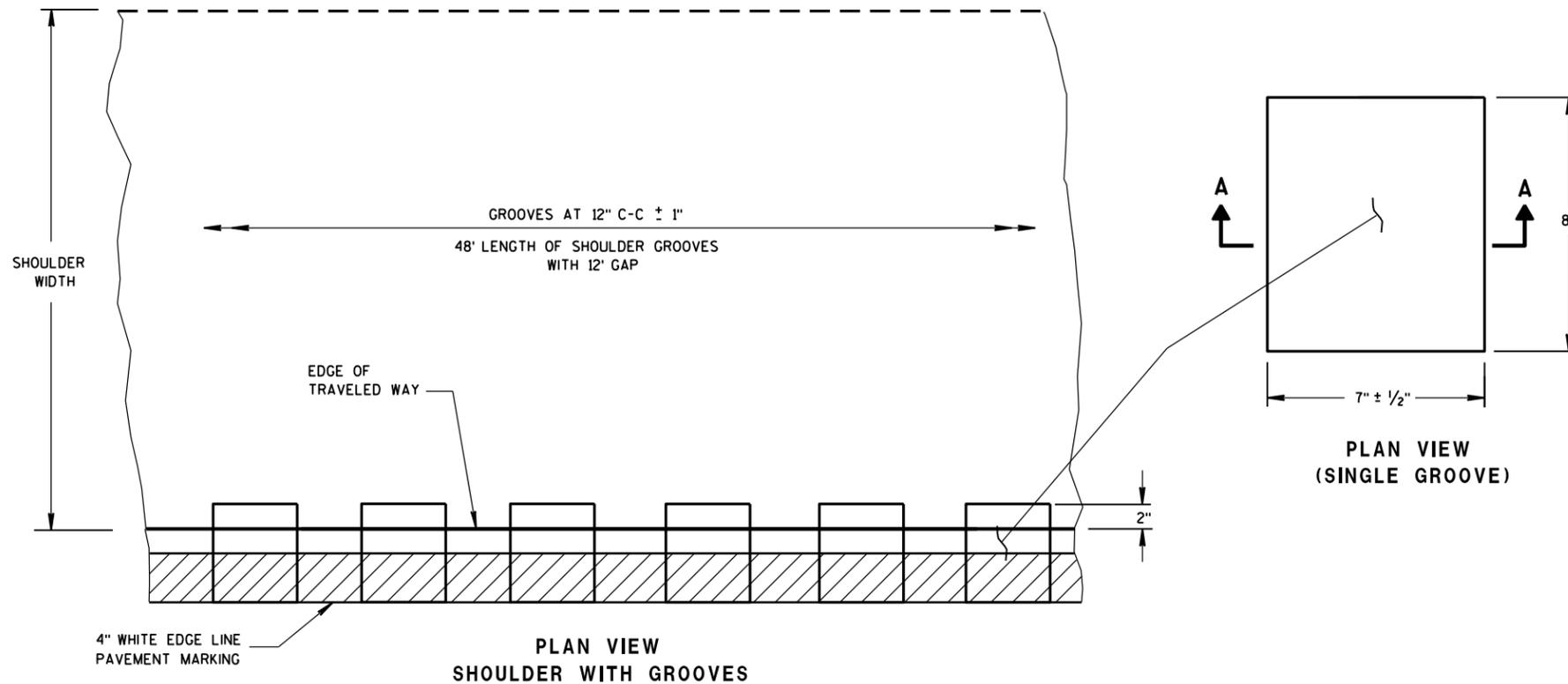
<p>2-LANE RURAL SHOULDER RUMBLE STRIP, MILLING</p>
<p>STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION</p>

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S.D.D. 13 A 10-1a

S.D.D. 13 A 10-1a

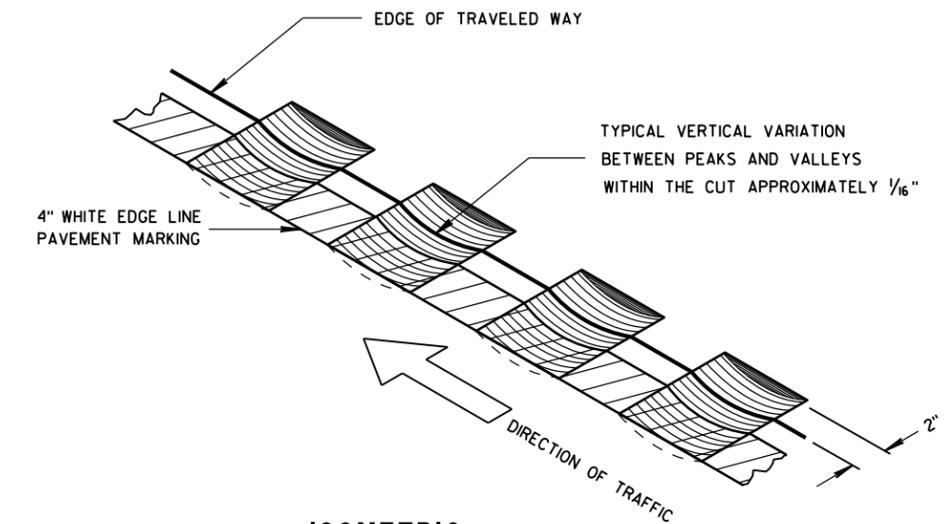


PLACEMENT DETAIL FOR TYPE 2 MILLED RUMBLE STRIP

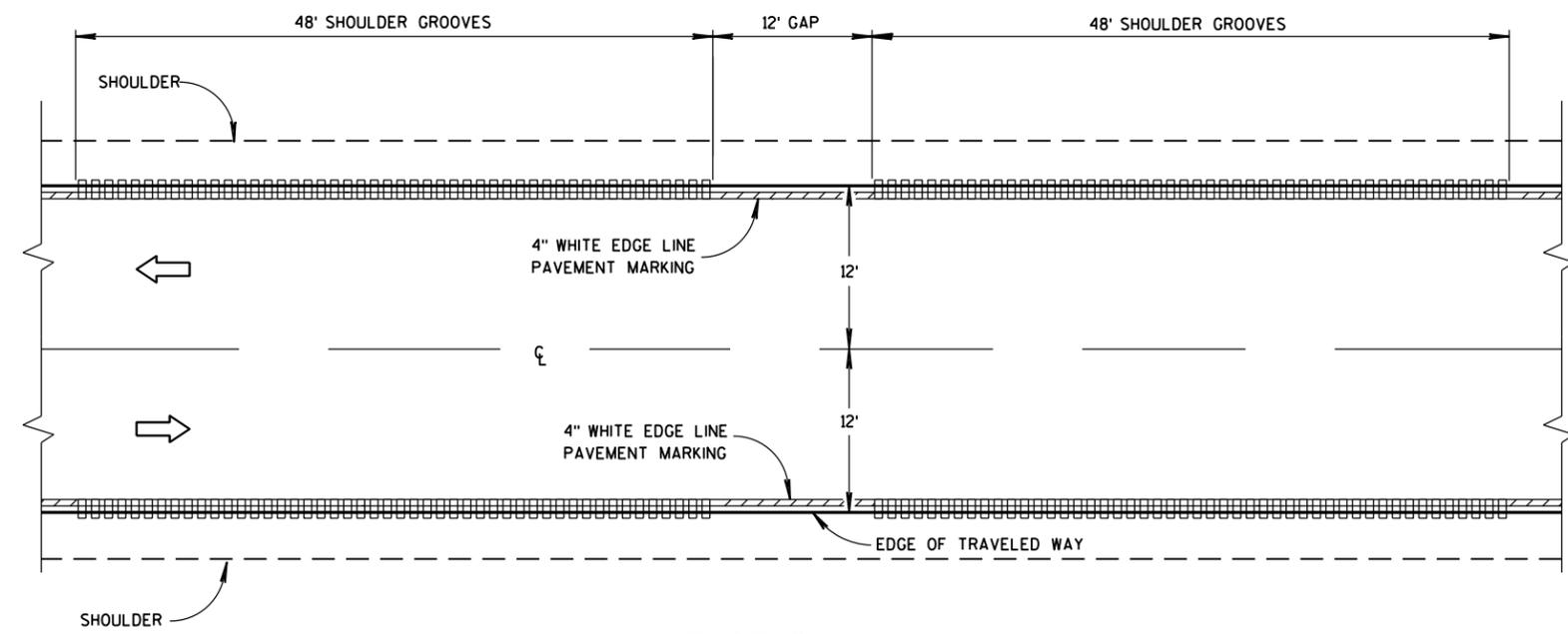
GENERAL NOTES

DETAILS OF CONSTRUCTION SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.
DO NOT MILL SHOULDER GROOVES THROUGH ANY INTERSECTION, MARKED CROSSWALK, NON-MOTORIZED PATH CROSSING, OR SNOWMOBILE CROSSING.

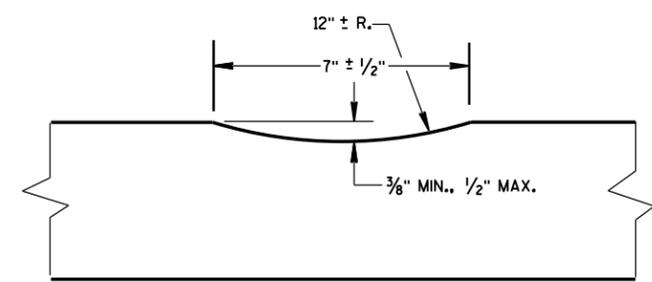
- ① SHOULDER GROOVES MAY BE OMITTED IN AREAS WITH HIGH CONCENTRATIONS OF DRIVEWAYS, WHEN DIRECTED BY THE ENGINEER.



ISOMETRIC



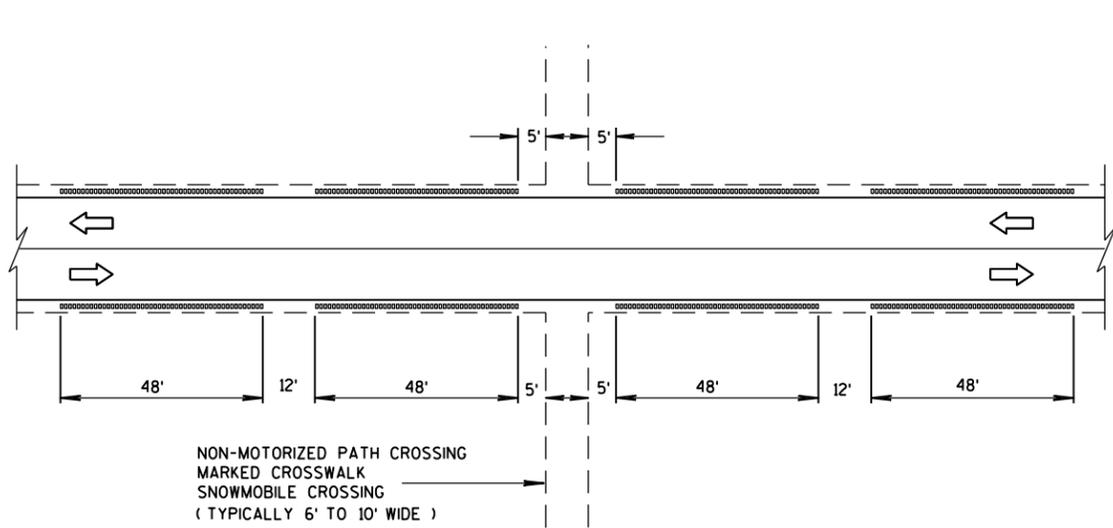
**TYPE 2
2-LANE SHOULDER RUMBLE STRIP**



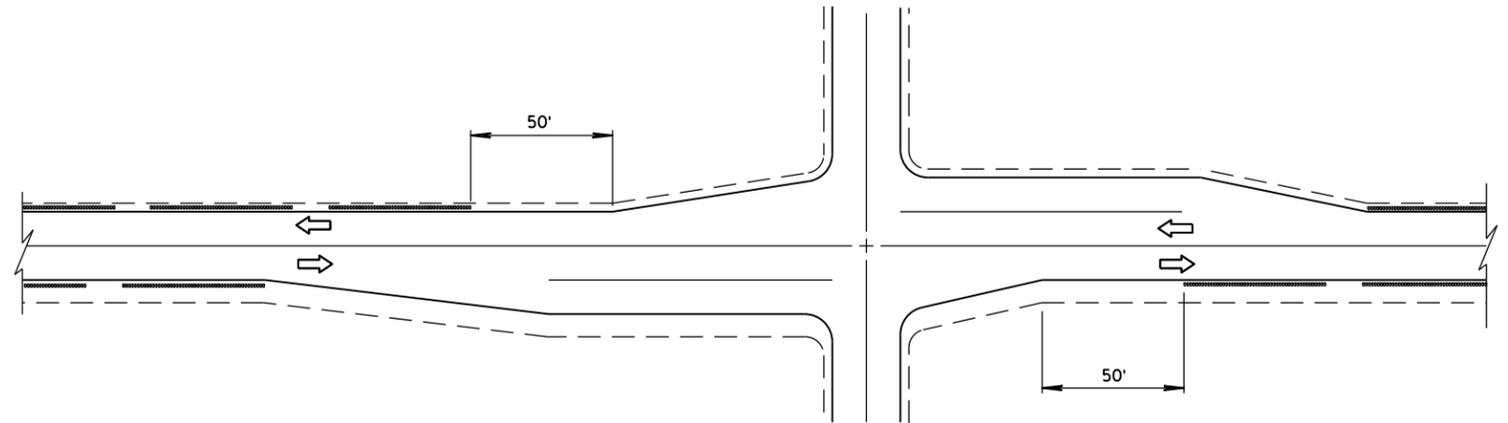
SECTION A-A

**2-LANE RURAL
SHOULDER RUMBLE STRIP, MILLING**

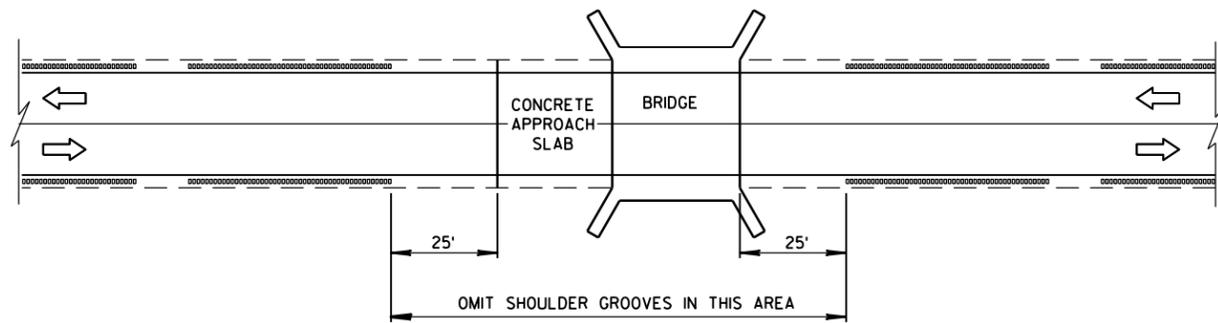
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



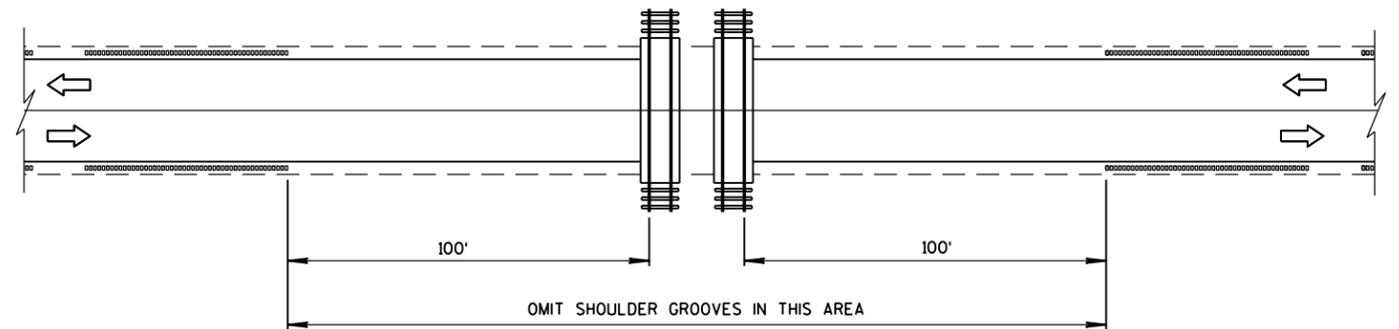
SHOULDER GROOVES AT MISCELLANEOUS CROSSINGS



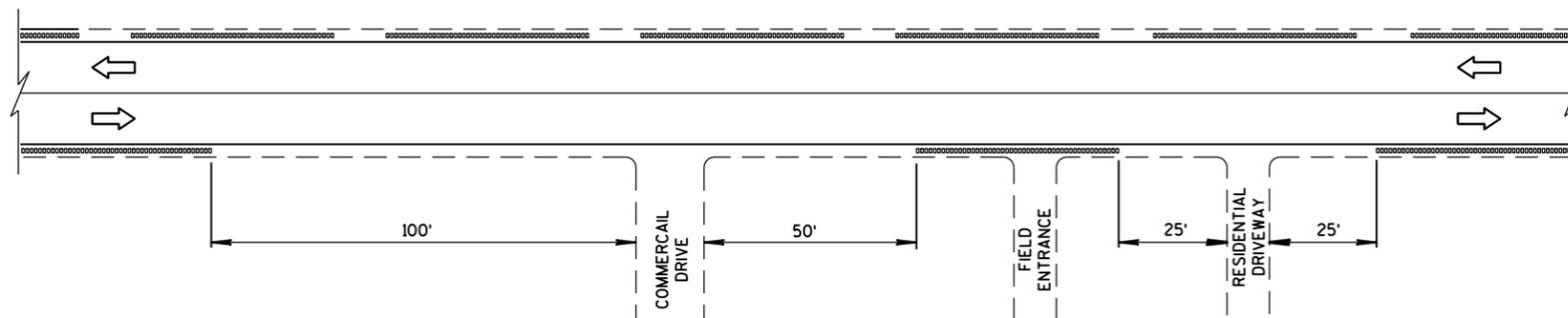
SHOULDER GROOVES AT INTERSECTIONS



SHOULDER GROOVES AT BRIDGES



SHOULDER GROOVES AT RAILROADS



SHOULDER GROOVES AT DRIVEWAYS ^①

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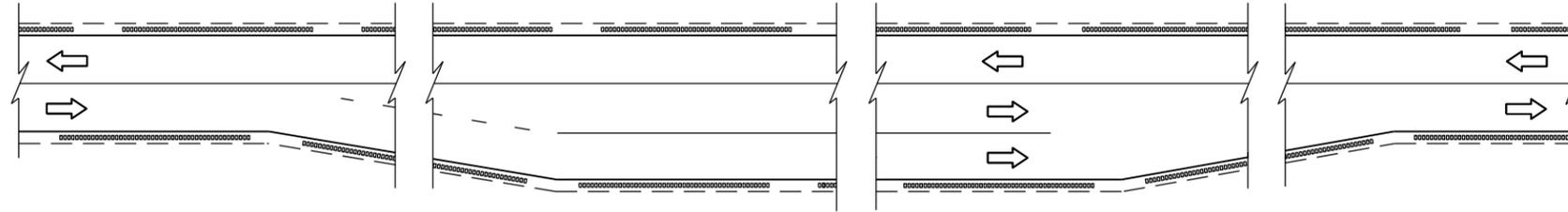
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S.D.D. 13 A 10-1c

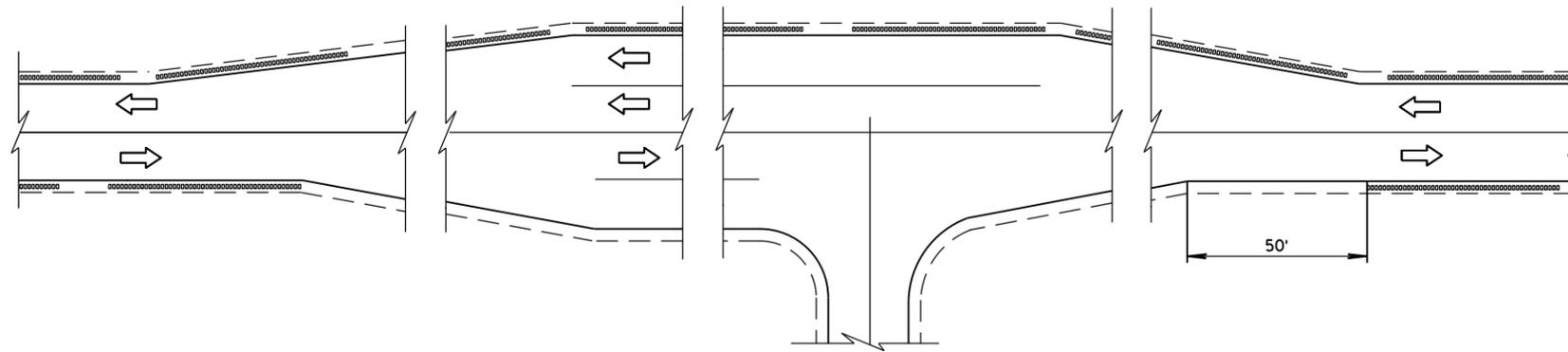
S.D.D. 13 A 10-1c

2-LANE RURAL
 SHOULDER RUMBLE STRIP, MILLING

STATE OF WISCONSIN
 DEPARTMENT OF TRANSPORTATION



SHOULDER GROOVES AT PASSING AND CLIMBING LANES



SHOULDER GROOVES AT BYPASS LANES

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S.D.D. 13 A 10-1d

S.D.D. 13 A 10-1d

2-LANE RURAL SHOULDER RUMBLE STRIP, MILLING	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED DATE 12/17/2012	/s/ Jerry H. Zogg ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA	

2-Lane Rural Shoulder Rumble Strip, Milling

References:

[FDM 11-15-1.5](#)
TGM Chapter 3
MUTCD Section 3B

Bid items associated with this drawing:

<u>ITEM NUMBER</u>	<u>DESCRIPTION</u>	<u>UNIT</u>
465.0425	Asphaltic Shoulder Rumble Strip 2-Lane Rural	LF

Standardized Special Provisions associated with this drawing:

<u>STSP NUMBER</u>	<u>TITLE</u>
None	

Other SDDs associated with this drawing:

[SDD 15C8](#) Pavement Marking, Sheets a to f (mainline, intersections, climbing and passing lanes, left turn lanes and islands, stop line and cross walk) are required.

Design Notes:

Include the quantity and location of Type 1 and Type 2 rumbles in the miscellaneous quantities. Appropriate use guidelines for Type 1 and Type 2 rumbles are provided in [FDM 11-15-1.5](#). The Type 1 is off-set from the edge line. The Type 2 is sometimes referred to a rumble stripe with pavement marking on the rumble strip. Refer to [SDD 15c8](#) for pavement marking bid item numbers, STSP numbers, and references.

Contact Person:

Paul Vraney (608) 266-8486