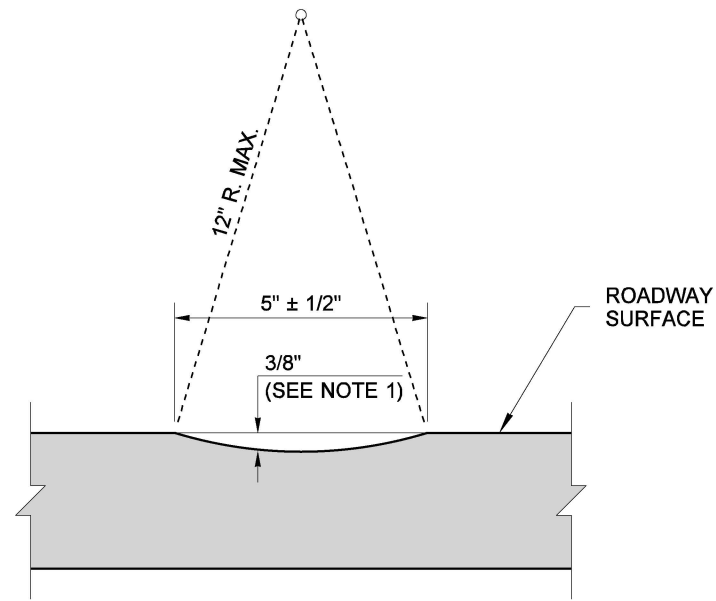
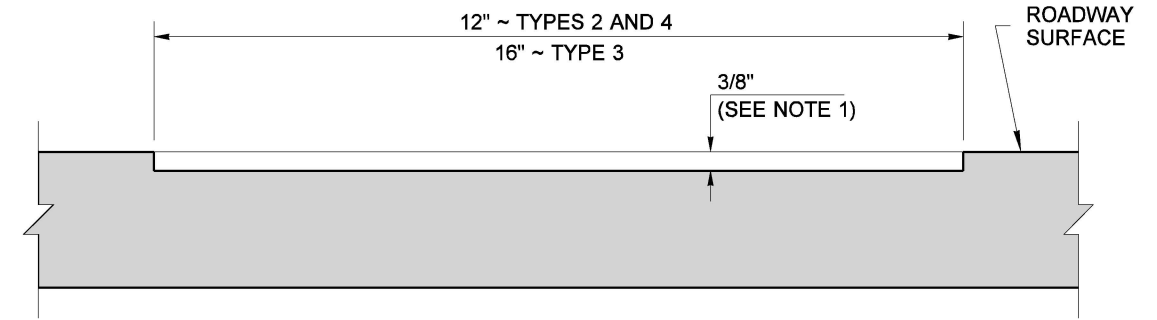


ISOMETRIC VIEW  
TYPICAL SHOULDER INSTALLATION



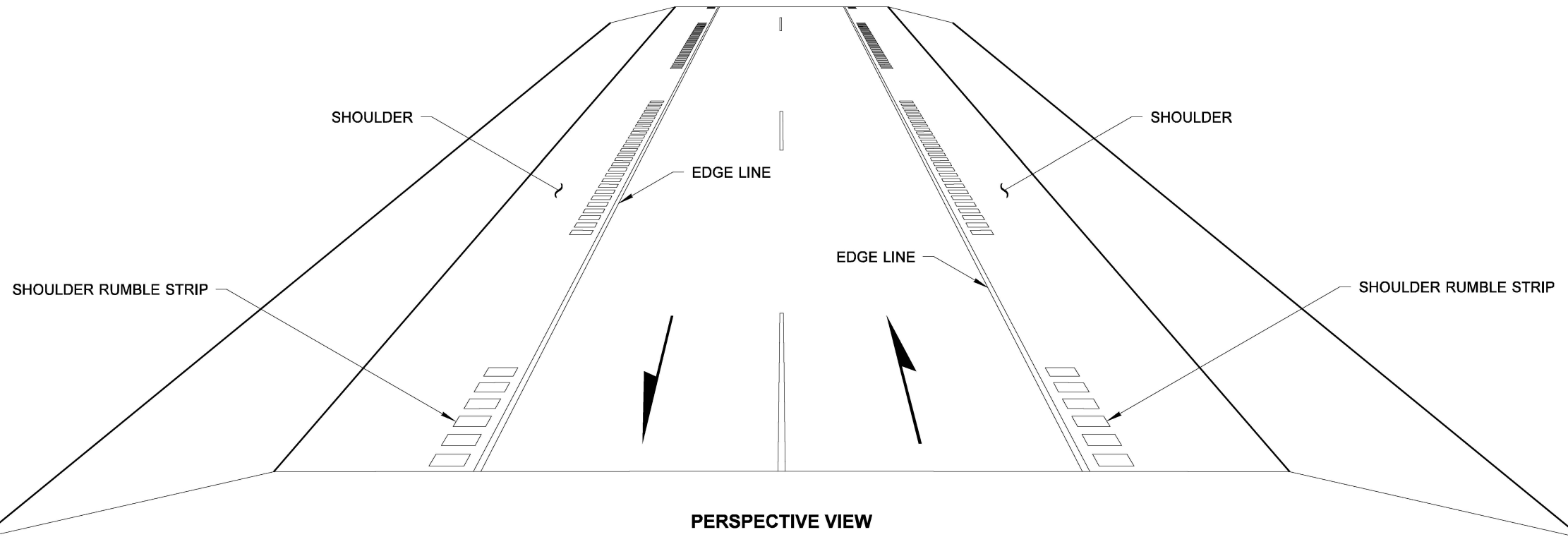
UNIT SECTION A



UNIT SECTION B

**NOTE**

1. Increase depth of rumble strips by 1/8" (in) on routes where Bituminous Surface Treatment is normally applied. See contract plans for areas requiring the increased depth.



PERSPECTIVE VIEW  
UNDIVIDED HIGHWAY  
(TYPE 4 PATTERN SHOWN)



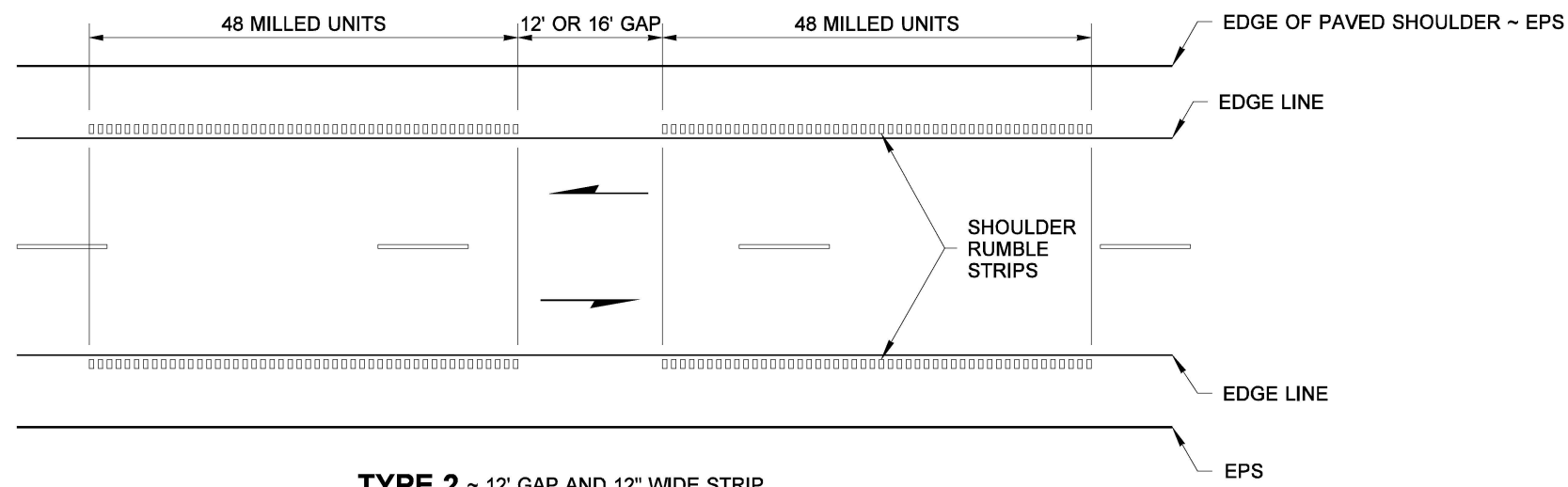
Aug 17, 2021

**SHOULDER RUMBLE STRIP  
TYPES 2, 3, AND 4  
FOR UNDIVIDED HIGHWAYS  
STANDARD PLAN M-60.20-03**

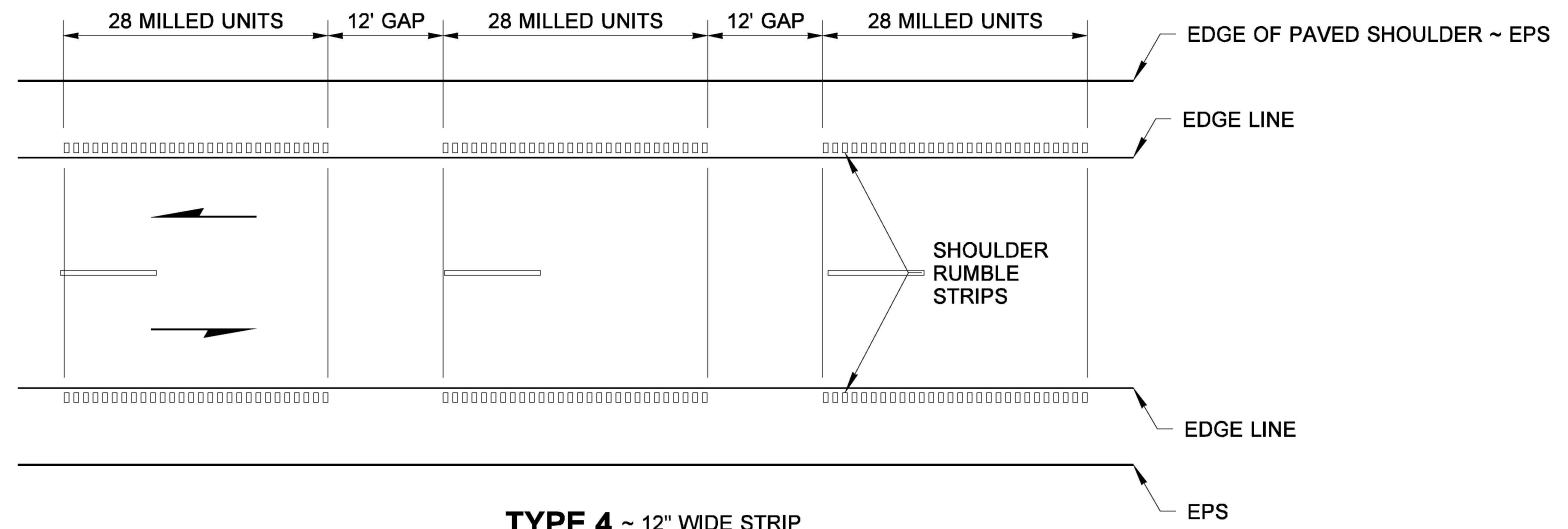
SHEET 1 OF 2 SHEETS

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 Aug 17, 2021  
 STATE DESIGN ENGINEER  
 Washington State Department of Transportation

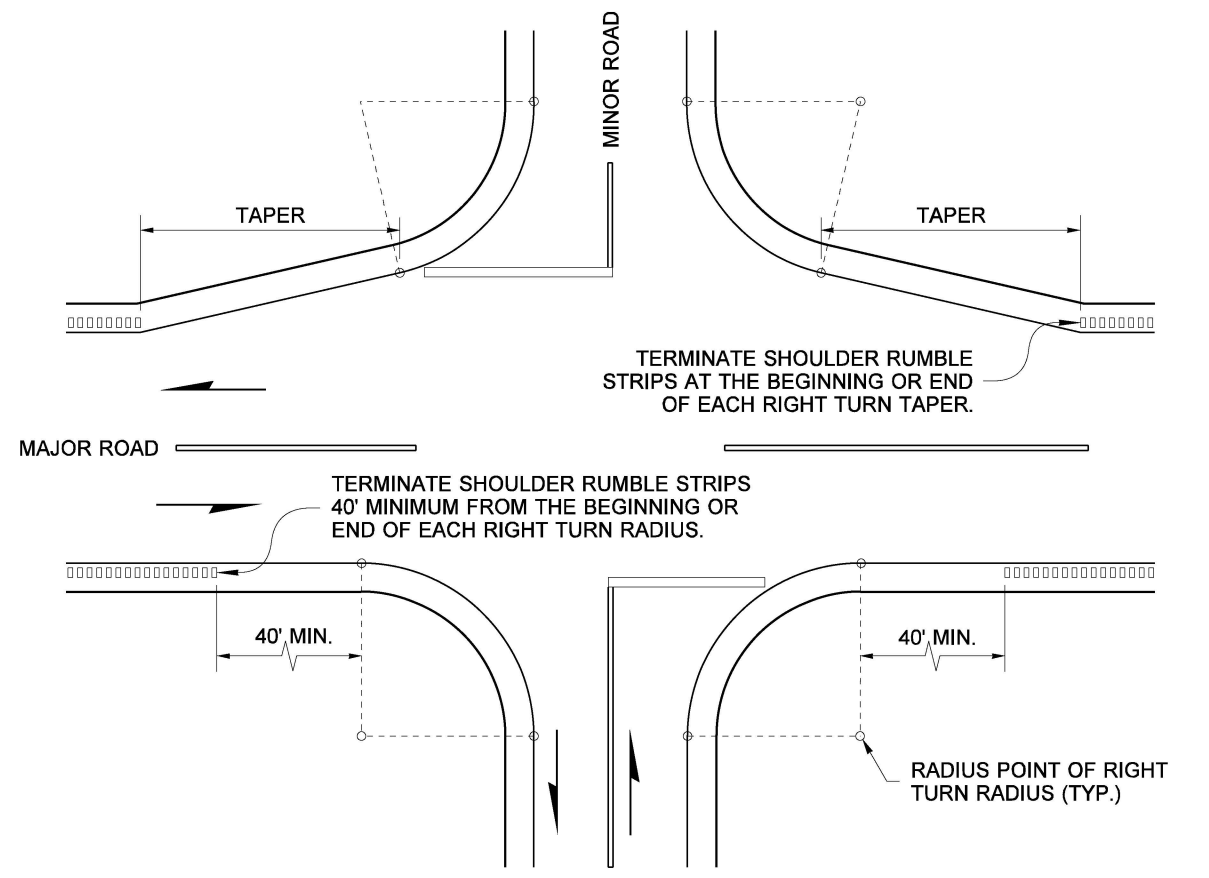
DRAWN BY: FERN LIDDELL



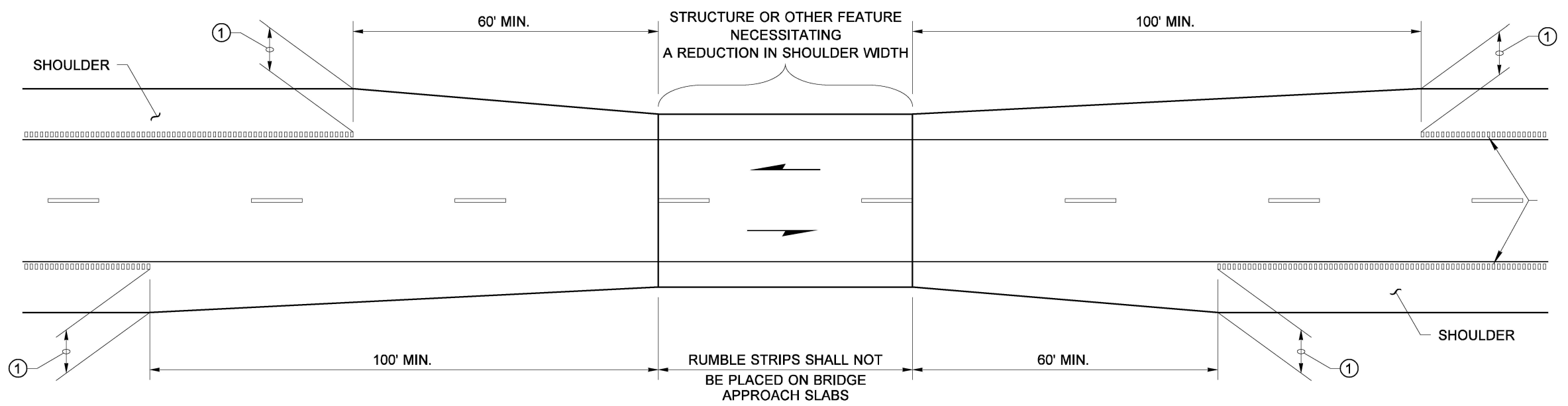
**TYPE 2 ~ 12' GAP AND 12" WIDE STRIP**  
**TYPE 3 ~ 16' GAP AND 16" WIDE STRIP**



**TYPE 4 ~ 12" WIDE STRIP**



**RUMBLE STRIP PLACEMENT AT INTERSECTIONS**



**SHOULDER TAPER DETAIL (MILLED UNITS SHOWN)**

① NOT LESS THAN 4' ~ PROVIDE 5' WHEN BARRIER OR GUARDRAIL IS PLACED AT EDGE OF SHOULDER



Aug 17, 2021

**SHOULDER RUMBLE STRIP TYPES 2, 3, AND 4 FOR UNDIVIDED HIGHWAYS STANDARD PLAN M-60.20-03**

SHEET 2 OF 2 SHEETS

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