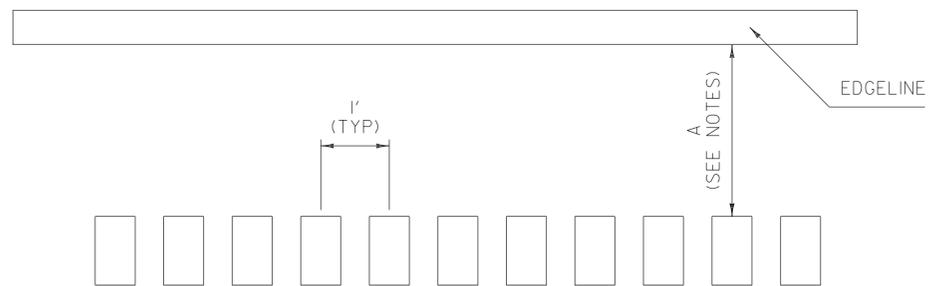


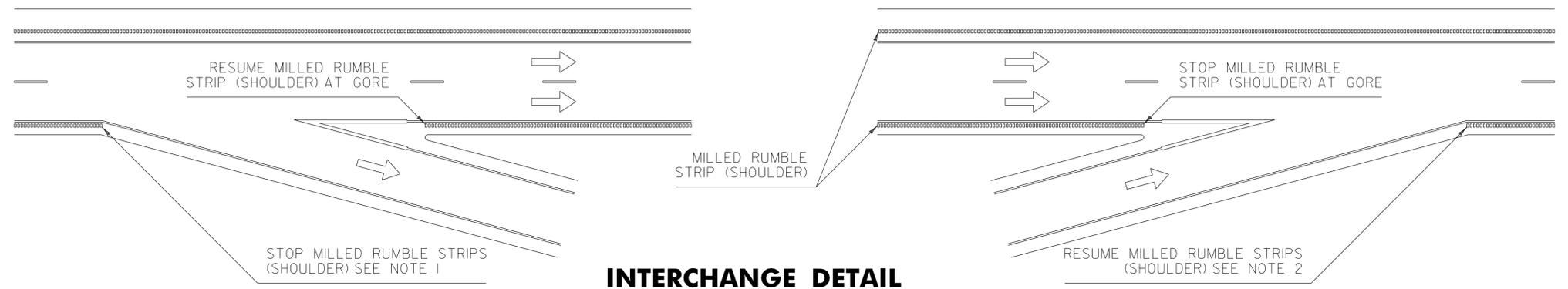
**RUMBLE STRIP DETAIL**



**RUMBLE STRIP LAYOUT DETAIL**

**NOTES:**

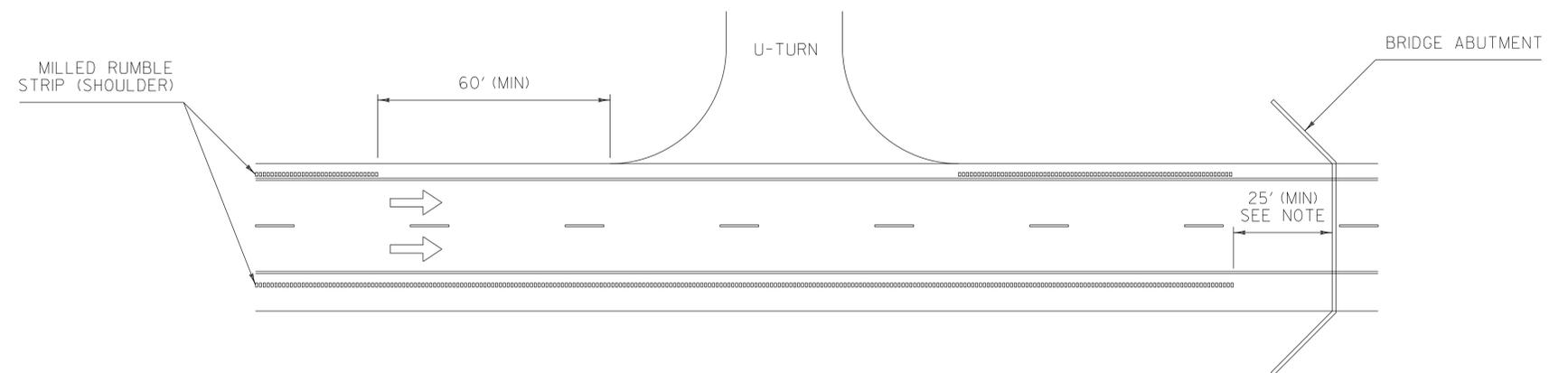
1. DIMENSION "A" SHALL BE 30 INCHES FOR SHOULDERS WITH A WIDTH OF SIX FEET OR GREATER.
2. DIMENSION "A" SHALL BE SIX INCHES FOR SHOULDERS WITH A WIDTH OF LESS THAN SIX FEET, WITHOUT GUARDRAIL.
3. ADDITIONALLY MILLED RUMBLE STRIP (SHOULDER) SHALL BE INSTALLED WITH A LATERAL TOLERANCE IN EITHER TRANSVERSE DIRECTION OF +/- ONE INCH.
4. MILLED RUMBLE STRIP (SHOULDER) SHALL BE STOPPED WHEN GUARDRAIL IS PRESENT WITHIN FOUR FEET OF THE EDGE OF TRAVELLED WAY.



**INTERCHANGE DETAIL**

**NOTES:**

1. DETAIL IS SHOWN FOR A TAPERED DECELERATION LANE, FOR PARALLEL DECELERATION LANES MILLED RUMBLE STRIPS (SHOULDER) SHALL STOP AT THE BEGINNING OF THE DECELERATION LANE TAPER.
2. DETAIL IS SHOWN FOR A TAPERED ACCELERATION LANE, FOR PARALLEL ACCELERATION LANES MILLED RUMBLE STRIPS (SHOULDER) SHALL STOP AT THE END OF THE ACCELERATION LANE TAPER.



**NOTE:**

1. MILLED RUMBLE STRIPS (SHOULDER) SHALL STOP A MINIMUM OF 25 FEET PRIOR TO BRIDGE ABUTMENT AND RESUME A MINIMUM OF 25 FEET AFTER THE TRAILING ABUTMENT. THIS DISTANCE MAY BE INCREASED TO MEET THE REQUIREMENTS OF THE RUMBLE STRIP LAYOUT DETAIL NOTE 3 ON THIS SHEET. MILLED RUMBLE STRIPS (SHOULDER) SHALL ALSO STOP PRIOR TO AND RESUME AFTER ALL APPROACH SLABS.

**MISCELLANEOUS DETAILS**

REV.	DATE	DESCRIPTION
0	NOV. 3, 2015	ORIGINAL APPROVAL
1	FEB. 4, 2016	ADDED LATERAL TOLERANCE NOTE
OTHER DETAILS REQUIRED: NONE		
DETAILS APPROVED FOR USE BY HIGHWAY SAFETY & DESIGN		

MILLED RUMBLE STRIP (SHOULDER) DETAILS



HIGHWAY SAFETY & DESIGN DETAIL  
HSD-213.01