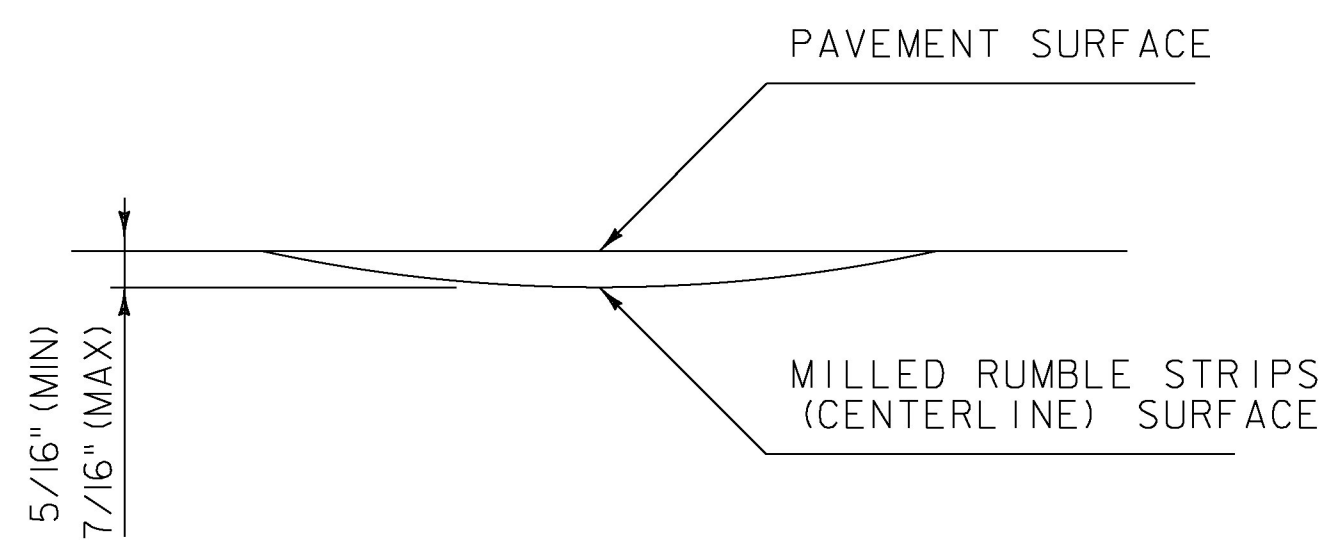
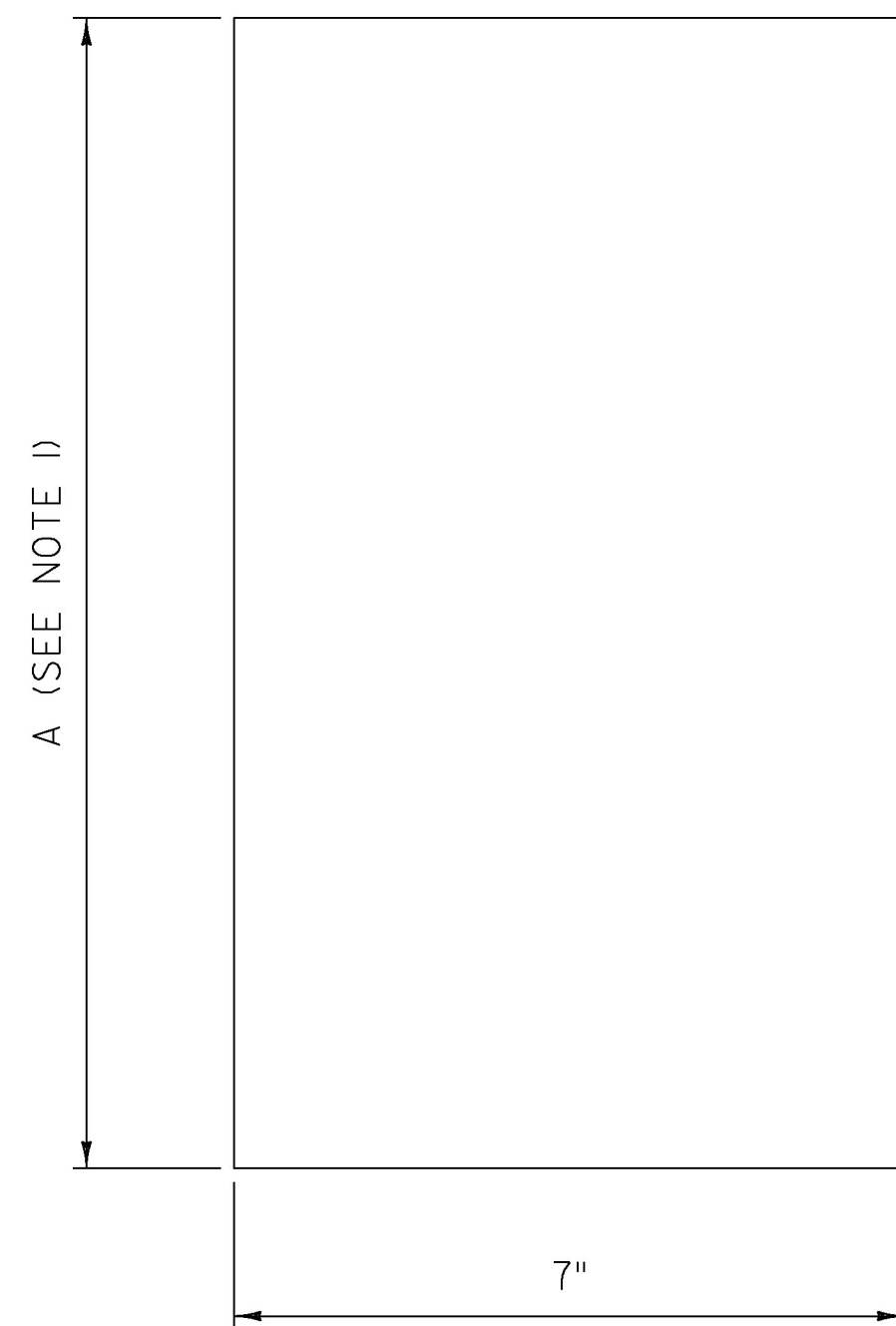


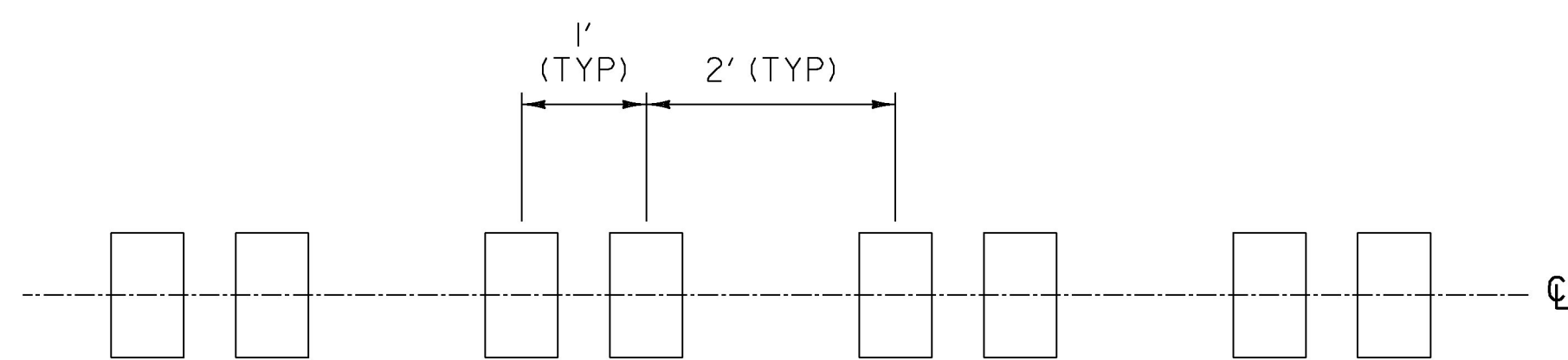


RUMBLE STRIP DETAIL

NOTES:

1. DIMENSION "A" SHALL BE 12 INCHES WHEN FOUR INCH CENTERLINE PAVEMENT MARKINGS ARE TO BE INSTALLED AND 16 INCHES WHEN SIX INCH CENTERLINE PAVEMENT MARKINGS ARE TO BE INSTALLED.
2. WHEN MILLED RUMBLE STRIPS (CENTERLINE) IS SPECIFIED TO BE SEALED WITH SPECIAL PROVISION (FOG SEAL SURFACE TREATMENT) IT SHALL BE SEALED WITH TWO APPLICATIONS.

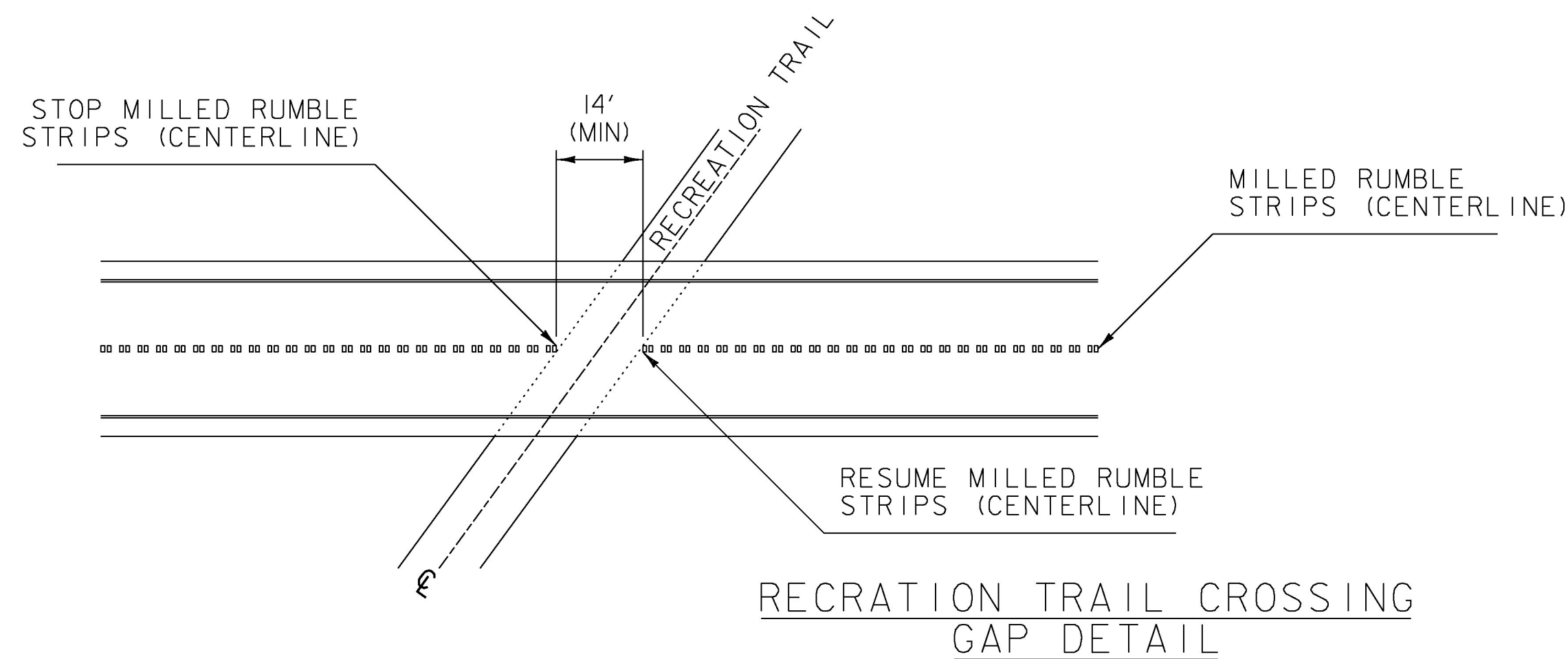
REV.	DATE	DESCRIPTION
0	NOV. 3, 2015	ORIGINAL APPROVAL
1	FEB. 4, 2016	ADDED LATERAL TOLERANCE NOTE
2	FEB. 27, 2017	ADDED RESIDENTIAL GAP DETAIL
3	SEP. 28, 2017	REVISED RUMBLE STRIP WIDTH FROM 18 INCHES TO 16 INCHES, FOR 12 INCH MARKINGS
OTHER DETAILS REQUIRED: NONE		
DETAILS APPROVED FOR USE BY HIGHWAY SAFETY & DESIGN		



RUMBLE STRIP LAYOUT DETAIL

NOTE:

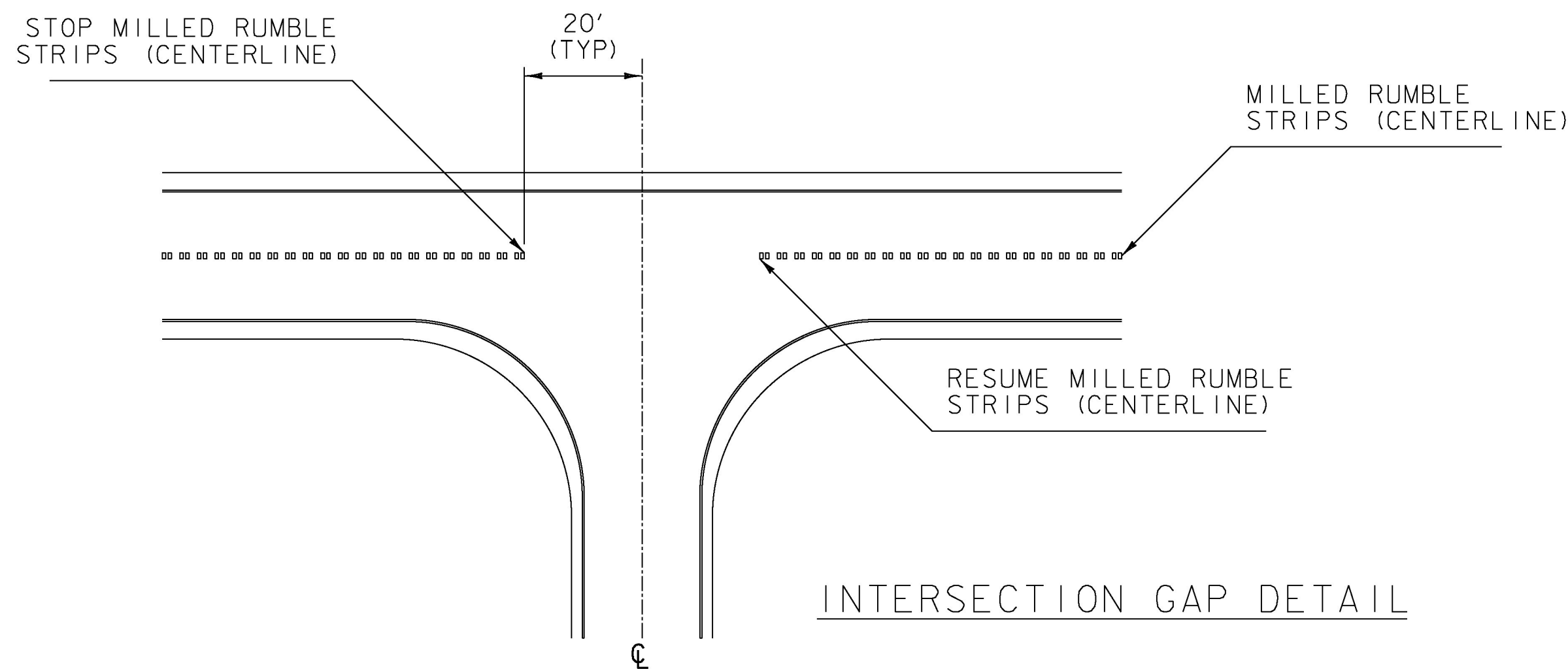
1. MILLED RUMBLE STRIPS (CENTERLINE) SHALL BE CENTERED ALONG THE CENTERLINE OF THE ROADWAY WITH A LATERAL TOLERANCE OF +/- TWO INCHES AND INSTALLED AT THE INTERVALS AS DETAILED.



RECREATION TRAIL CROSSING GAP DETAIL

NOTE:

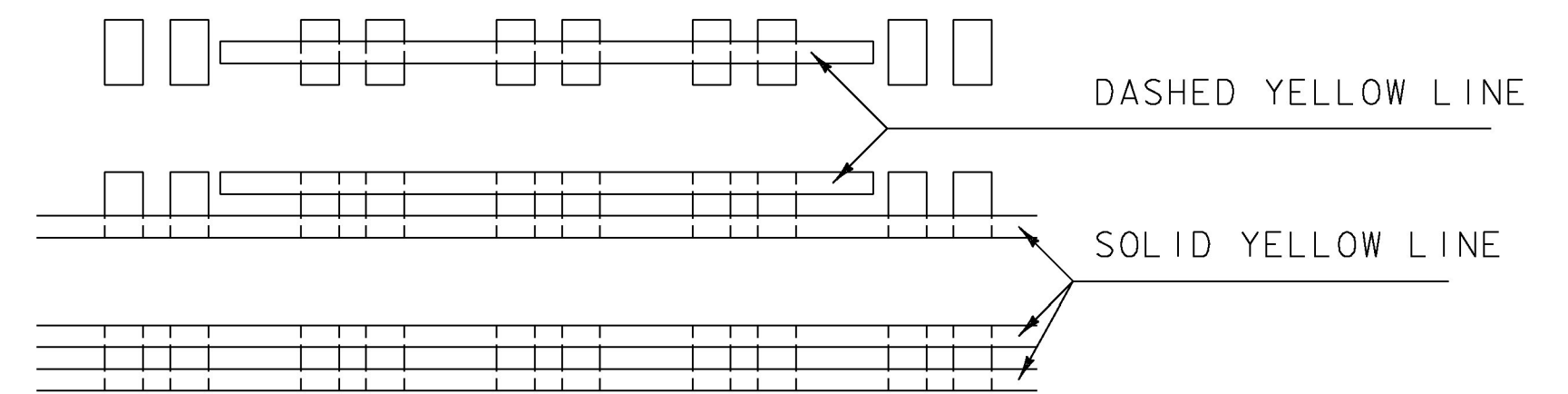
1. WIDTH OF GAP FOR RAIL TRAILS WILL VARY DEPENDENT ON THE SKEW OF THE TRAIL, WITH A 14 FOOT MINIMUM GAP.



INTERSECTION GAP DETAIL

NOTE:

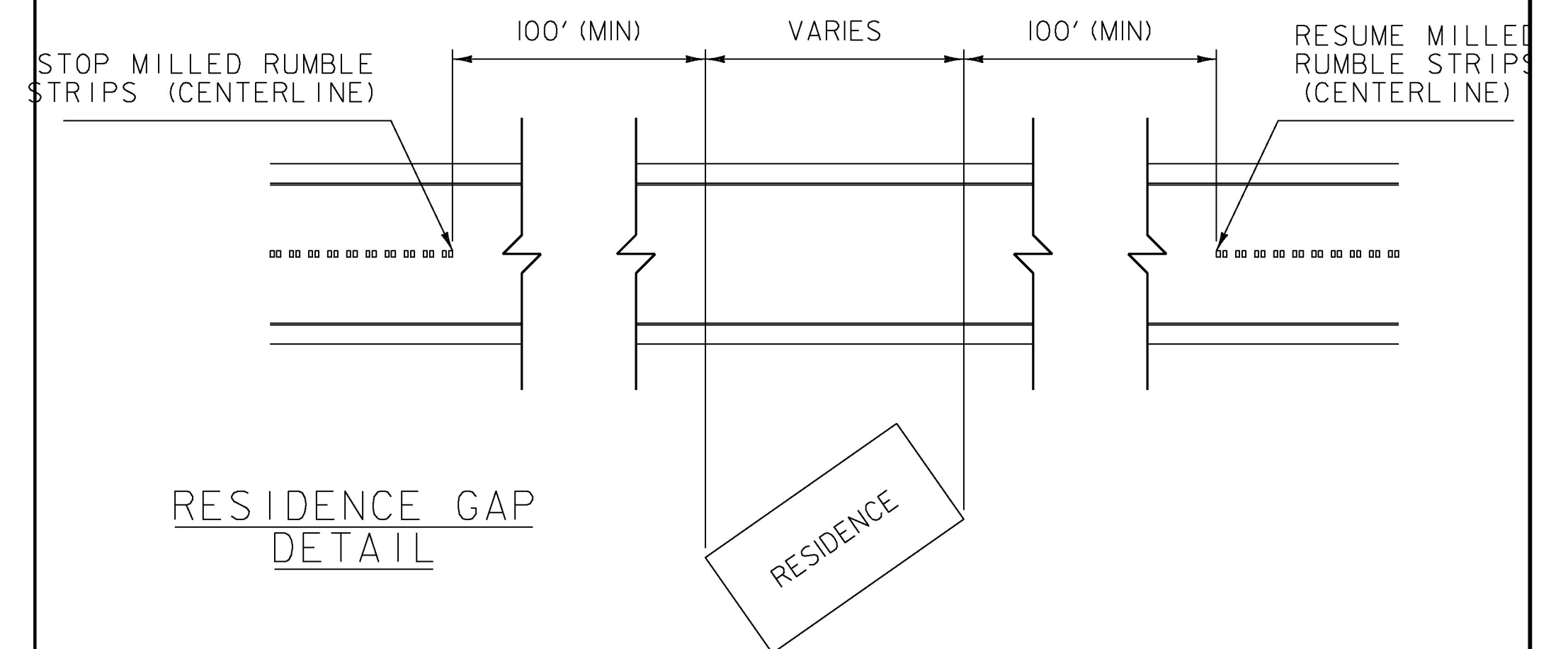
1. MILLED RUMBLE STRIPS (CENTERLINE) SHALL STOP 20 FEET PRIOR TO ALL INTERSECTIONS, IN BOTH DIRECTIONS OF TRAVEL.



PAVEMENT MARKING LAYOUT DETAIL

NOTES:

1. MILLED RUMBLE STRIPS (CENTERLINE) SHALL BE INSTALLED PRIOR TO FINAL CENTERLINE PAVEMENT MARKINGS.
2. ALL FINAL CENTERLINE PAVEMENT MARKINGS SHALL BE CENTERED ON THE MILLED RUMBLE STRIPS (CENTERLINE) WITH A LATERAL TOLERANCE OF +/- ONE INCH.
3. UNLESS OTHERWISE SPECIFIED IN THE PLANS, CENTERLINE PAVEMENT MARKINGS SHALL BE POLYUREA.



RESIDENCE GAP DETAIL

NOTE:

1. MILLED RUMBLE STRIPS (CENTERLINE) SHALL BE GAPPED, AS DETAILED, WHEN ANY PORTION OF A RESIDENCE IS WITHIN 100 FEET OF THE ROADWAY CENTERLINE.

GENERAL NOTES:

1. STATIONING SHOWN ON PLANS, FOR MILLED RUMBLE STRIPS (CENTERLINE), IS BASED ON LIMITED FIELD SURVEY, ALL GAPS SHALL BE FIELD VERIFIED PRIOR TO INSTALLATION.

MILLED RUMBLE STRIPS (CENTERLINE)



HIGHWAY SAFETY
& DESIGN DETAIL
HSD-213.02