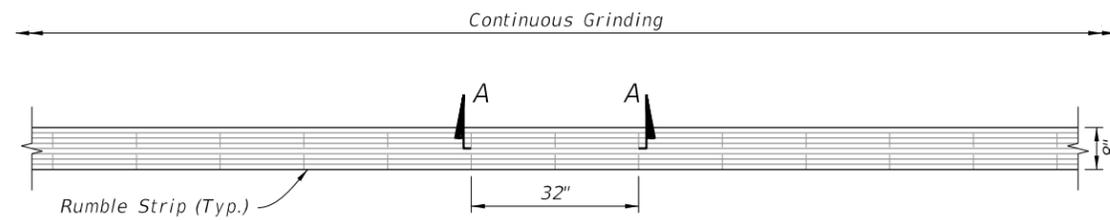
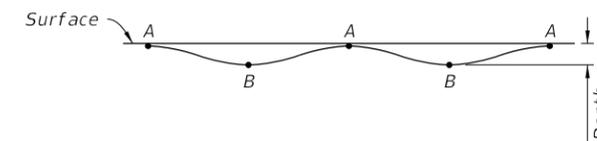


SKIP ARRAY
(Plan View)



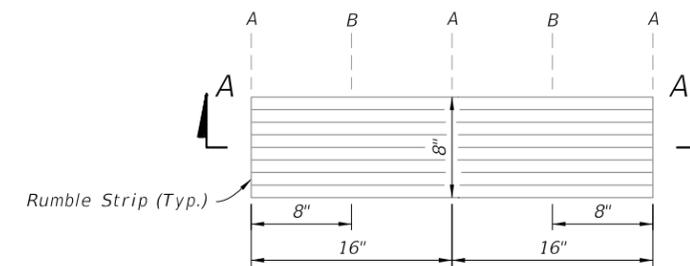
CONTINUOUS ARRAY
(Plan View)

LOCATION	DEPTH FROM SURFACE (IN.)
A	$\frac{1}{16}$
B	$\frac{9}{16}$



SECTION A-A
(Sinusoidal Pattern)

Rumble Strip Placement	Array
Outside Shoulder with Buffered Bike Lane	Skip
Outside Paved Shoulder Width Greater than or Equal to 5'-0"	Skip
Outside Paved Shoulder Width Greater than 0'-0" and Less Than 5'-0"	Skip
Outside Paved Shoulder Equal to 0'-0"	Skip
Inside Paved Shoulder Width Greater Than or Equal to 1'-0"	Continuos
Inside Paved Shoulder Width Greater Than 0'-0" and Less Than 1'-0"	Skip
Inside Paved Shoulder Width Equal to 0'-0"	Skip
One - Direction Passing Centerline	Continuos
Two - Direction Passing Centerline	Continuos
Two - Direction No-Passing Centerline	Continuos



PLAN VIEW

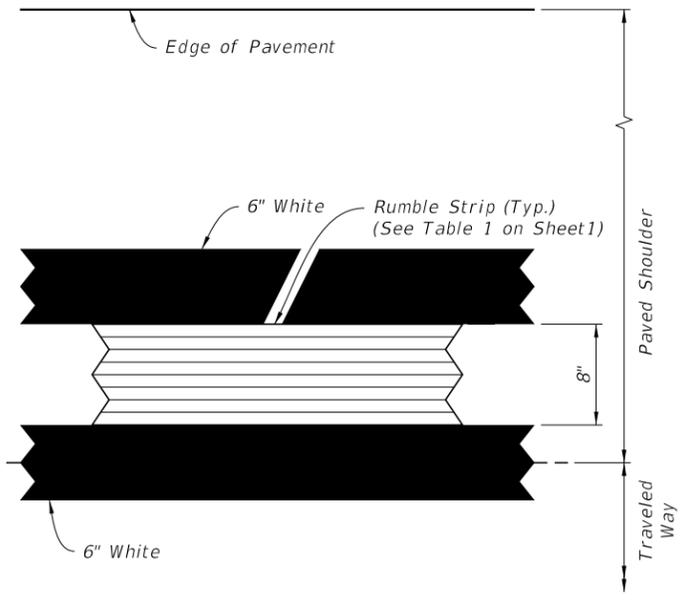
RUMBLE STRIP ARRAY DETAILS

RUMBLE STRIP DETAILS

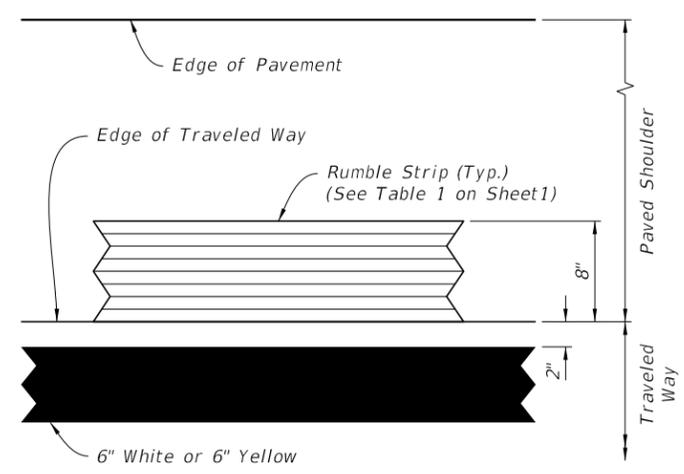
GENERAL NOTES:

- Straightness tolerance of ground-in rumble strips in the roadway longitudinal direction is plus or minus 1/2".
- At intersections and major driveways:
 - Terminate outside shoulder rumble strips at the radius return.
 - Terminate median shoulder rumble strips at the radial return of median nose.
 - Terminate centerline rumble strips on undivided highways at the termination of centerline striping.
 - Terminate rumble strips at auxiliary lane tapers.

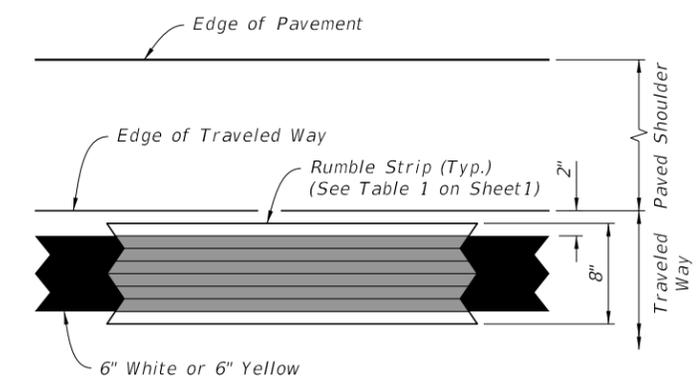
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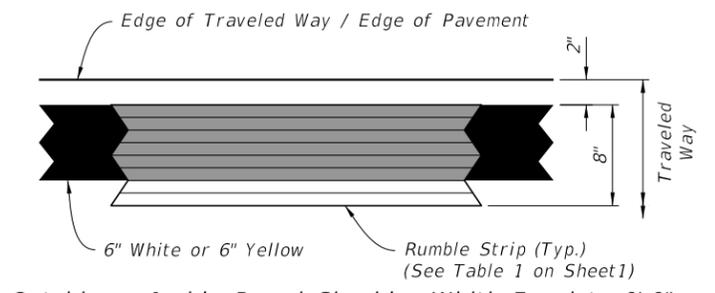
Outside Shoulder with Buffered Bike Lane



Outside Paved Shoulder Width
Greater Than or Equal to 5'-0"
or
Inside Paved Shoulder Width
Greater Than or Equal to 1'-0"

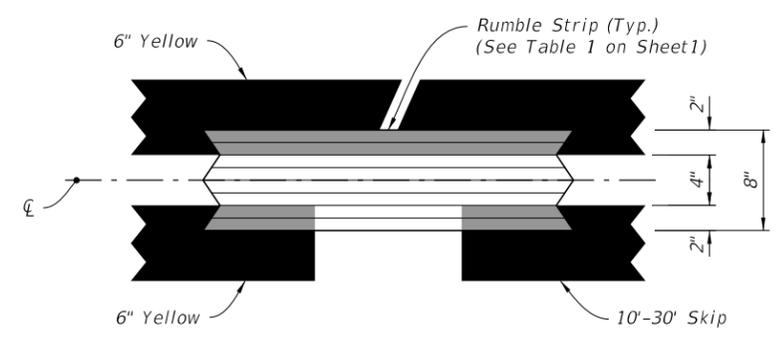


Outside Paved Shoulder Width
Greater Than 0'-0" and Less Than 5'-0"
or
Inside Paved Shoulder Width
Greater Than 0'-0" and Less Than 1'-0"

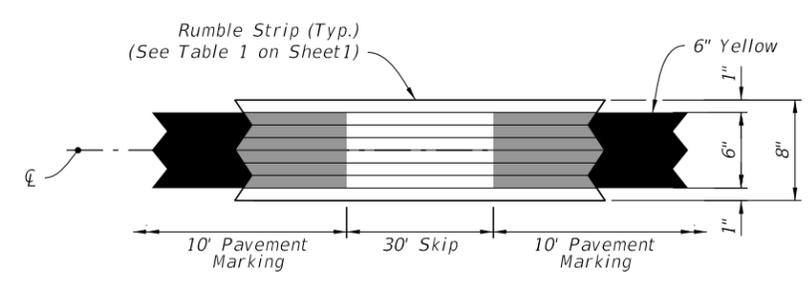


Outside or Inside Paved Shoulder Width Equal to 0'-0"

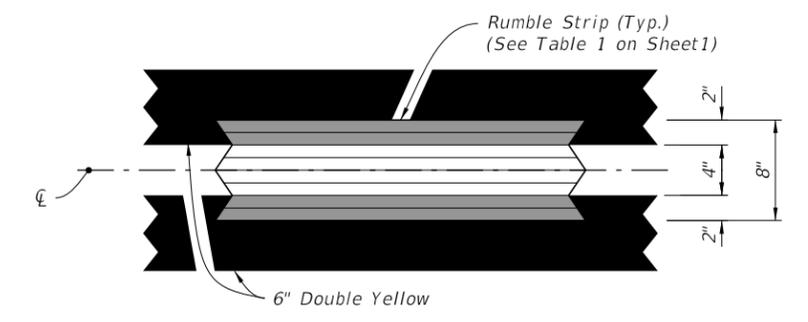
EDGE LINE AND SHOULDER RUMBLE STRIP PLACEMENT
(Plan View)



ONE-DIRECTION PASSING CENTERLINE



TWO-DIRECTION PASSING CENTERLINE



TWO-DIRECTION NO-PASSING CENTERLINE

CENTERLINE RUMBLE STRIP PLACEMENT
(Plan View)

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LAST REVISION 11/01/22	REVISION	DESCRIPTION:		FY 2023-24 STANDARD PLANS	GROUND-IN RUMBLE STRIPS - ARTERIALS AND COLLECTORS	INDEX 546-020	SHEET 2 of 2
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