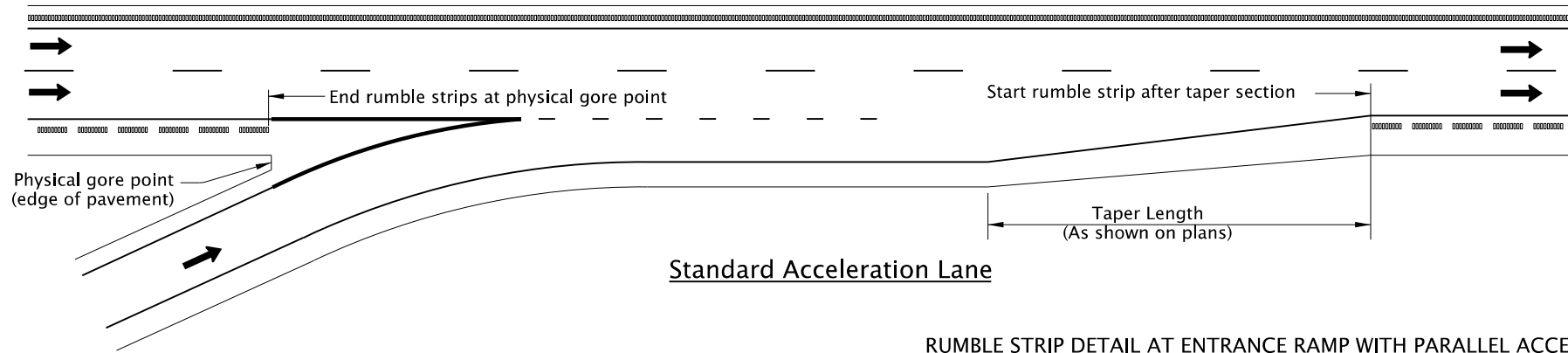
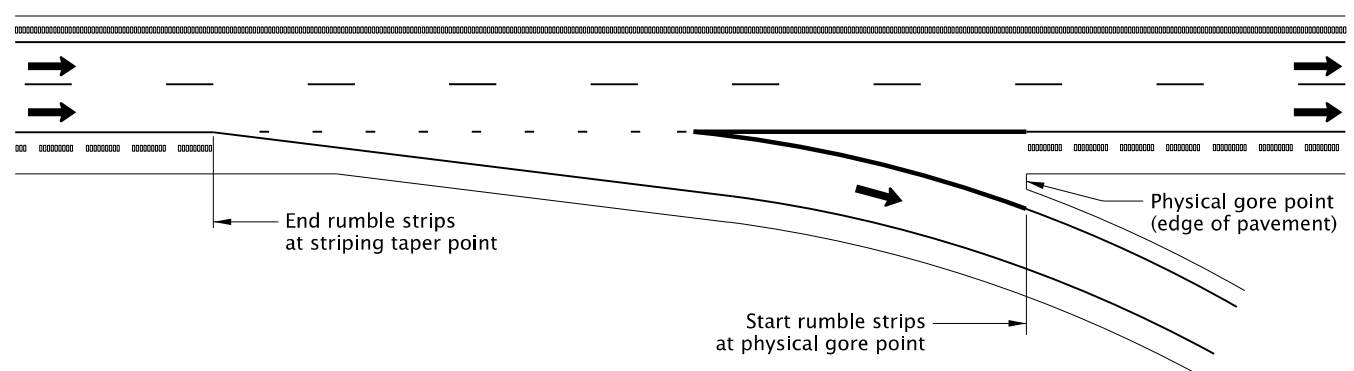
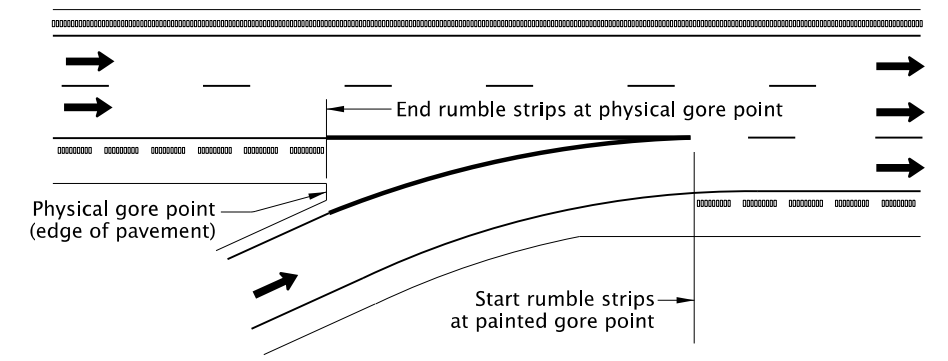


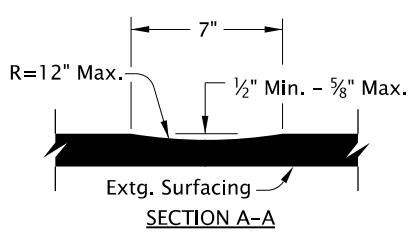
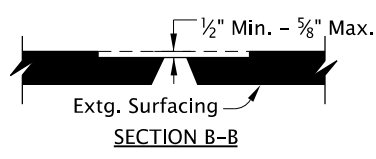
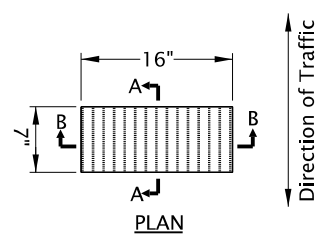
RUMBLE STRIP DETAIL AT ENTRANCE RAMP WITH PARALLEL ACCELERATION LANE



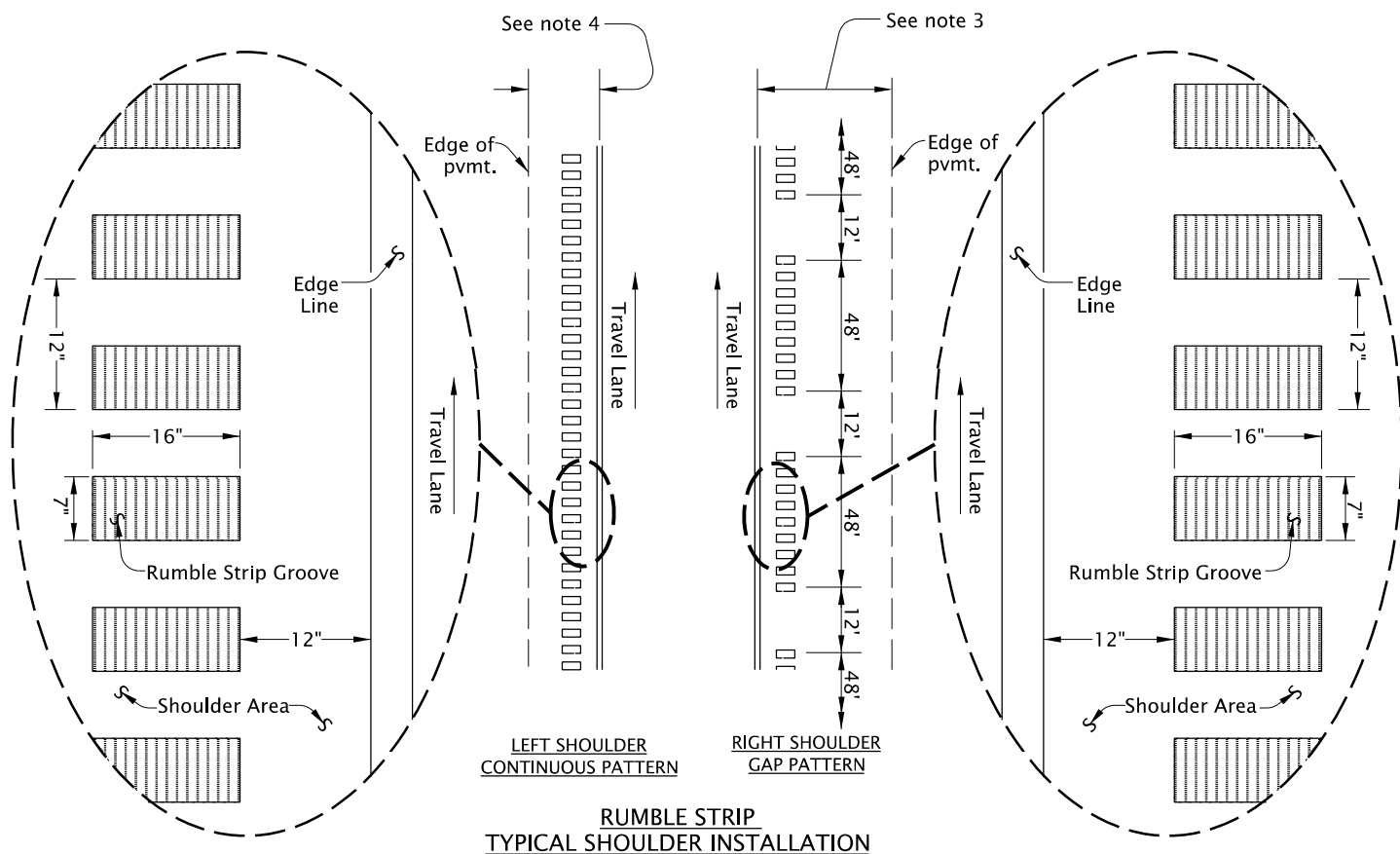
RUMBLE STRIP DETAIL AT EXIT RAMP WITH TAPERED DECELERATION LANE



RUMBLE STRIP DETAIL AT ENTRANCE RAMP WITH ADDED LANE



RUMBLE STRIP GROOVE



GENERAL NOTES:

1. Install rumble strips on left and right shoulders as shown.
2. Omit rumble strips:
 - on bridge decks
 - on Portland cement concrete surfaces
 - at interchange ramps as shown
 - other locations as directed
3. Install rumble strips on right-side shoulders with a width of 6.5' or greater (7.5' or greater where adjacent to barrier or guardrail).
4. Install rumble strips on left-side shoulders with a width of 3.5' or greater (5.5' or greater where adjacent to guardrail or barrier).
5. Shoulder width is measured from the center of the edge line to the edge of pavement, or face of guardrail or barrier where present.
6. Drawing not to scale.

LEGEND	
	Gap Pattern
	Continuous Pattern

The selection and use of this detail, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON DEPARTMENT OF TRANSPORTATION TECHNICAL SERVICES DETAILS	
FREWAY & EXPRESSWAY SHOULDER RUMBLE STRIPS	DETAIL NO. DET4553

DET4553