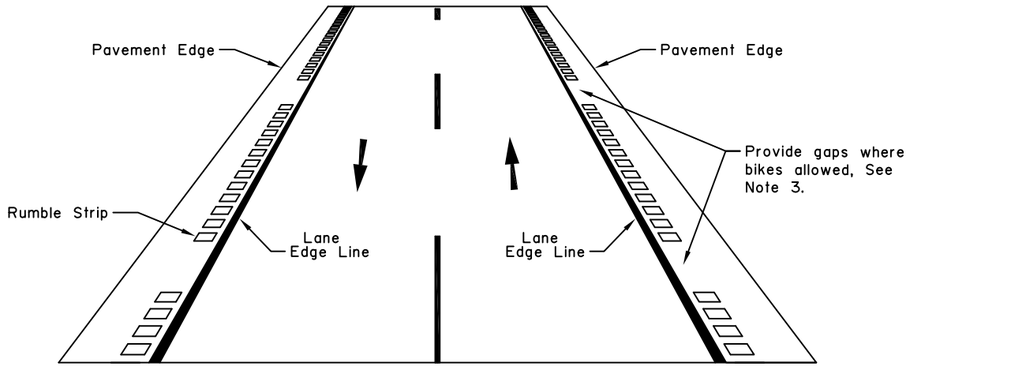
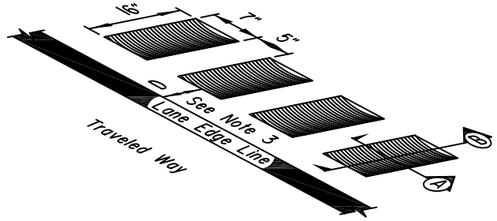
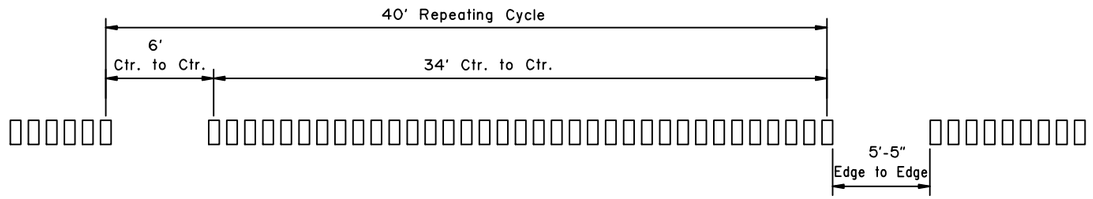


TYPICAL SHOULDER INSTALLATION–TWO WAY
– PERSPECTIVE VIEW –

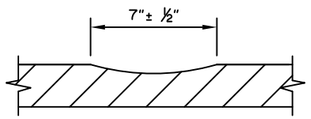
Applies to Two-Way operation where bikes are allowed.



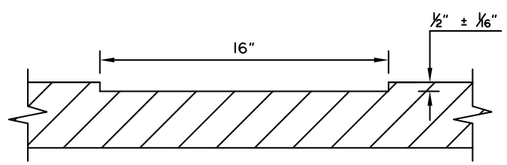
TYPICAL SHOULDER INSTALLATION DETAIL



GAPS AND SPACING FOR
BICYCLE USE ON SHOULDER



SECTION (A)



SECTION (B)

Notes:

1. Use centerline or lane dividing lines, rather than lane edge lines, for rumble strip alignment control whenever possible.
2. The Offset Distance, D, Shall be:
   2" for 6' or narrower shoulders
   6" for wider than 6' shoulders
3. Where bicycles are allowed on the facility, gaps should be continuous.
4. On divided highways, provide a continuous rumble strip on the inside (left) shoulder.
5. Minimum required clear widths are as follows:
   a. At least 4' where no guardrail is present
   b. At least 5' (to the face of guardrail) where guardrail is present.
   c. No mimimum where bicycles are prohibited.
6. Do not install rumble strips in the following instances:
   a. Bridge decks
   b. Bridge approach slabs
   c. Pavement less than 2" thick
   d. Pavement that has alligatoring, fatigue cracking, or in poor condition.
   e. Pavement joints
   f. Into lane edge line striping.

NOT TO SCALE

State of Alaska DOT&PF
ALASKA STANDARD PLAN

MILLED RUMBLE STRIPS

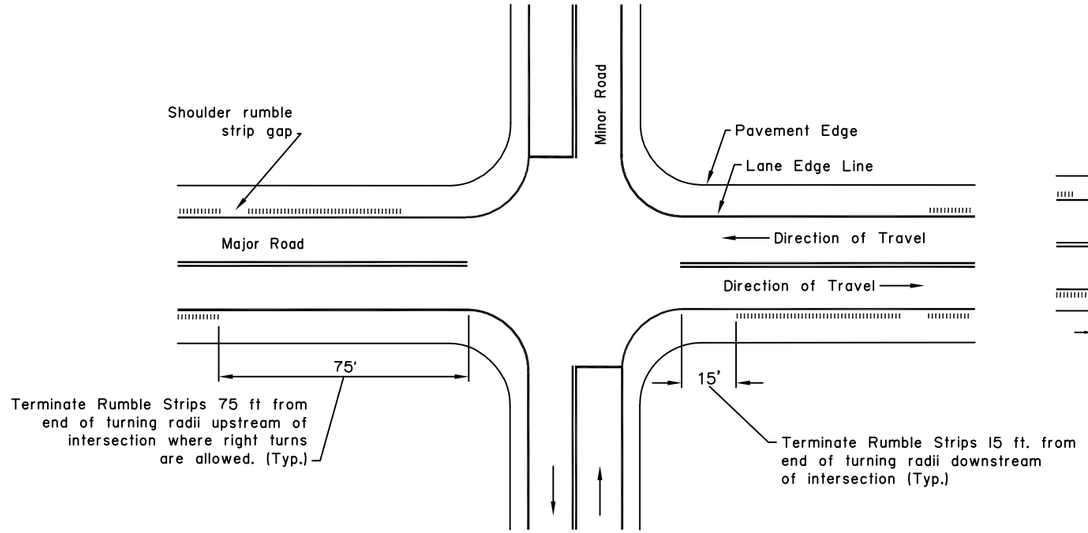
Adopted as an Alaska Standard Plan by: Kenneth J. Fisher, P.E.
Chief Engineer

Adoption Date: 02/08/2019

Last Code and Stds. Review
By: Date:

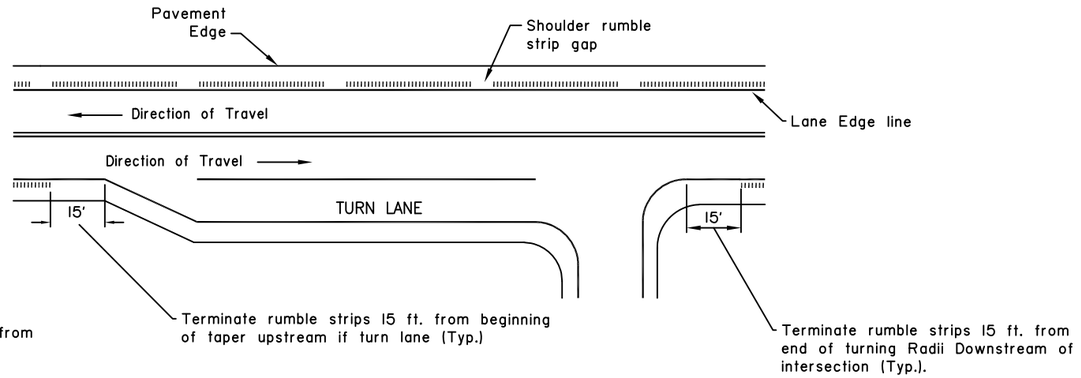
Next Code and Standards Review date: 02/08/2029

T-25.00



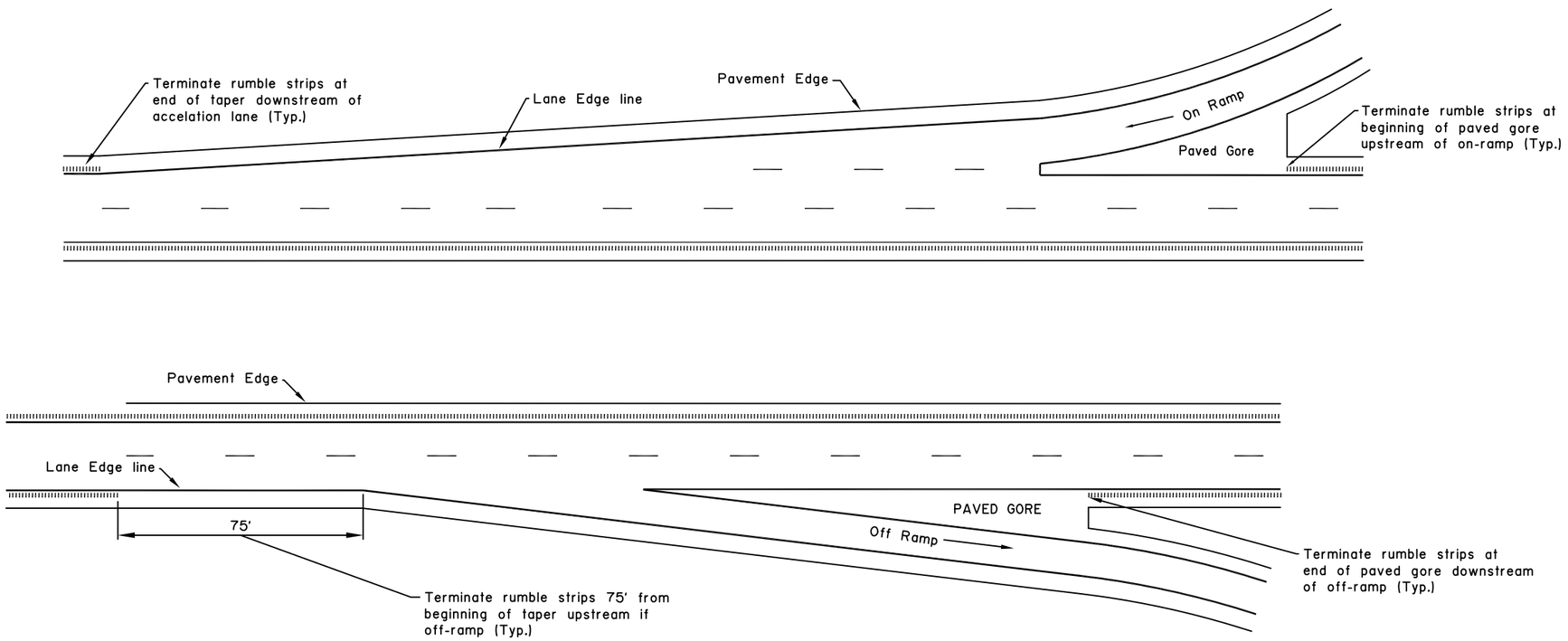
RUMBLE STRIP LAYOUT AT INTERSECTIONS

APPLIES TO ALL INTERSECTIONS, PUBLIC TURNOUTS, APPROACHES, AND GANG MAILBOX TURNOUTS
(WHERE BIKES ALLOWED)



RUMBLE STRIP LAYOUT AT TURN LANES

(WHERE BIKES ALLOWED)



RUMBLE STRIP LAYOUT AT ON AND OFF RAMPS ON FREEWAYS

NOTE: THIS DRAWING APPLIES TO BOTH PARALLEL AND TAPERED LANES
(WHERE BIKES PROHIBITED)

NOT TO SCALE

State of Alaska DOT&PF
ALASKA STANDARD PLAN

MILLED RUMBLE STRIPS

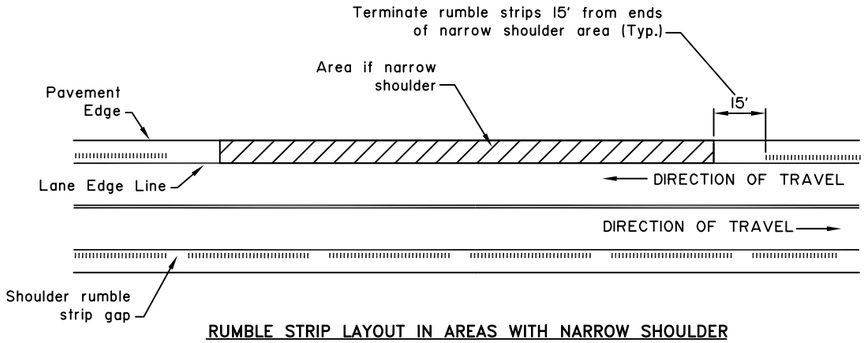
Adopted as an Alaska Standard Plan by: Kenneth J. Fisher, P.E.
Chief Engineer

Adoption Date: 02/08/2019

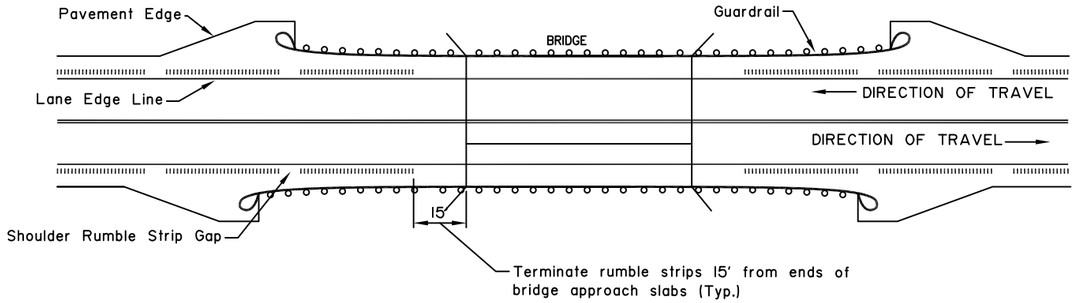
Last Code and Stds. Review
By: Date:

Next Code and Standards Review date: 02/08/2029

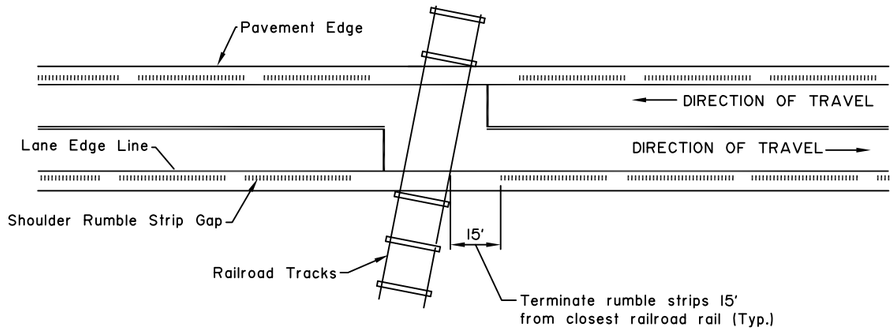
T-25.00



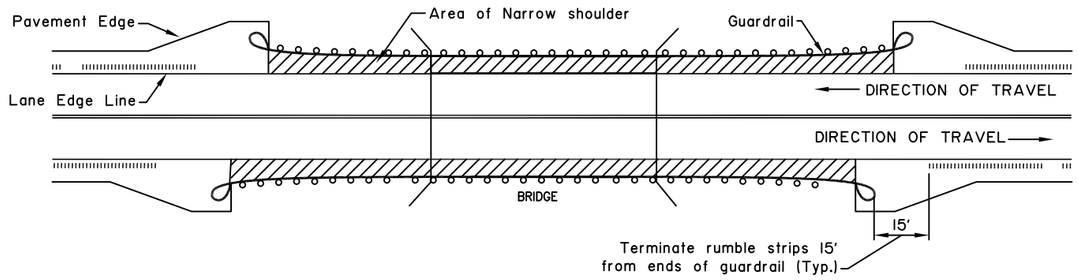
RUMBLE STRIP LAYOUT IN AREAS WITH NARROW SHOULDER
(WHERE BIKES ALLOWED)



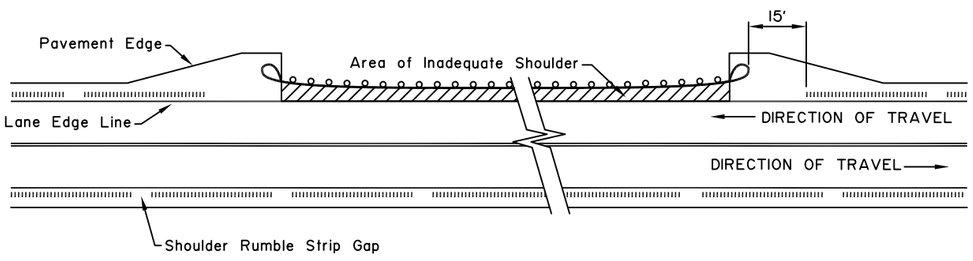
RUMBLE STRIP LAYOUT AT BRIDGES WITH ADEQUATE SHOULDER
(WHERE BIKES ALLOWED)



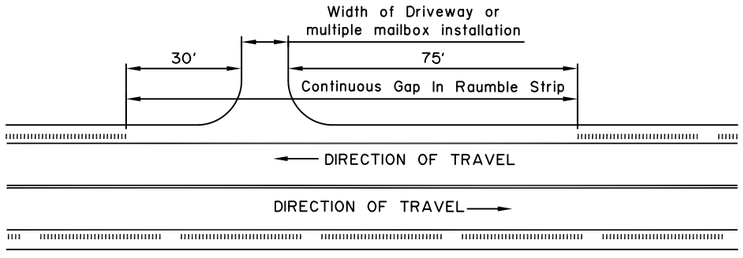
RUMBLE STRIP LAYOUT AT RAILROAD CROSSINGS
(WHERE BIKES ALLOWED)



RUMBLE STRIP LAYOUT AT BRIDGES WITH NARROW SHOULDER
(WHERE BIKES ALLOWED)



RUMBLE STRIP LAYOUT IN AREAS WITH GUARDRAIL AND NARROW SHOULDER
(WHERE BIKES ALLOWED)



RUMBLE STRIP LAYOUT AT DRIVEWAYS AND MULTIPLE MAILBOX INSTALLATIONS

NOT TO SCALE

State of Alaska DOT&PF
ALASKA STANDARD PLAN

MILLED RUMBLE STRIPS

Adopted as an Alaska Standard Plan by:
Kenneth J. Fisher, P.E.
Chief Engineer

Adoption Date: 02/08/2019

Last Code and Stds. Review
By: Date:

Next Code and Standards Review date: 02/08/2029

T-25.00