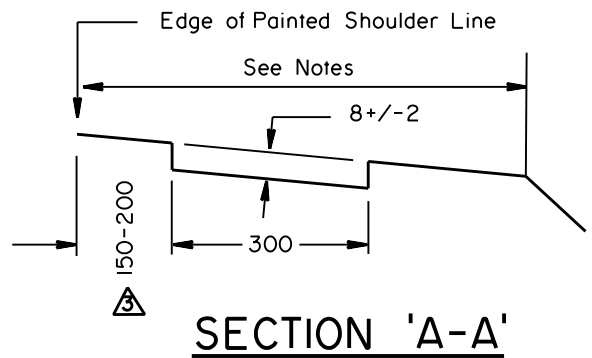
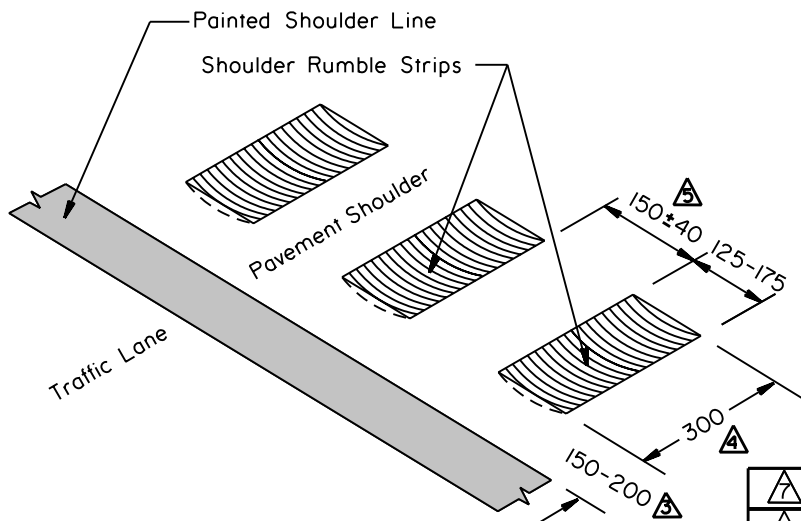


PLAN VIEW



SECTION 'A-A'

NOTE: All dimensions are in millimetres.

TYPICAL INTERMITTENT SHOULDER RUMBLE STRIP INSTALLATION

Notes:

- Rumble strips are to be placed on existing paved projects on:
 - two-lane highways with minimum 1.4m shoulders
 - multi-lane highways with minimum 1.4m right shoulders
 - multi-lane highways with minimum 0.6m left shoulders.
- Rumble strips should only be installed on interchange ramps when directed by the Consultant.
- Rumble strips are not to be placed through urban areas, within 300m of residences or where shoulder widths are reduced due to the presence of turning lanes.
- Rumble strips are to be interrupted for intersections and accesses. Strips are to be terminated 60m prior to the taper and reinstated 60m from the end of taper. Where there are no tapers, rumble strips may be terminated/reinstated 200m from the intersection or as determined in the field.
- Rumble strips are to be placed at the approaches to all bridges that have barrier systems if the shoulder exceeds 1.4m. Strips will commence 100m prior to the approach guardrail and terminate 10m prior to the bridge deck. Rumble strips are not to be placed on bridge decks unless approved by the department as a "special" installation.
- Rumble strips may be installed selectively at locations where hazards exist near the travel lanes provided the right hand shoulder exceeds 1.4m e.g. Railway crossing cantilever structures, raised medians etc.

No.	REVISIONS	BY	DATE
7	REVISED SHOULDER WIDTHS	B.K.	01/06/06
6	REVISIONS TO NOTE ON PLACEMENT PRACTICES	B.K.	09/03
5	REVISED DIMENSION	B.K.	02/99
4	REVISED WIDTH OF RUMBLE STRIPS	B.K.	01/99
3	REVISED OFFSET FROM SHOULDER LINE	T.N.	09/98
2	REVISED "ENGINEER" TO "CONSULTANT"	T.N.	07/98
1	REV PLATE AND RENUMBERED FROM TEB 5.19	S.L.	03/98

Approved:

ORIGINAL SIGNED BY ALLAN KWAN

Executive Director, Technical Standards Branch

Date: MARCH 18/99

Alberta INFRASTRUCTURE AND TRANSPORTATION

TYPICAL LAYOUT for INTERMITTENT MARKED RUMBLE STRIPS for SHOULDERS

OBSOLETE please see drawing CB6-3.52M1

Prepared By: T.N.	Checked By: B.K.	Scale: N.T.S.	Dwg No.: CB6-3.52M2
-------------------	------------------	---------------	---------------------