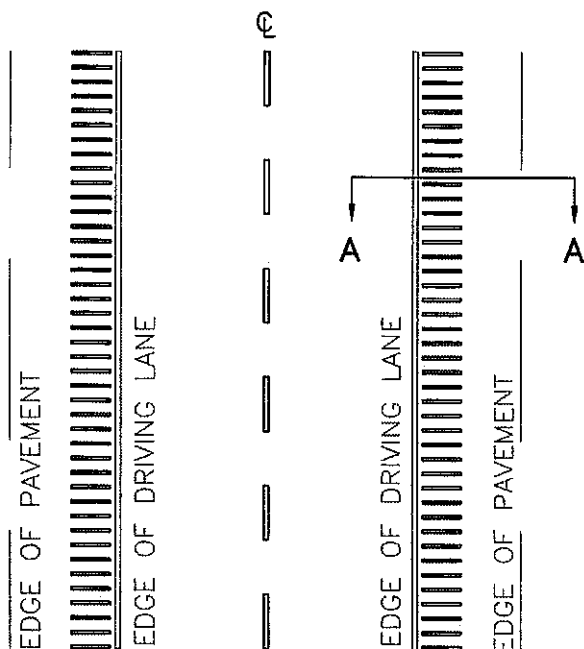
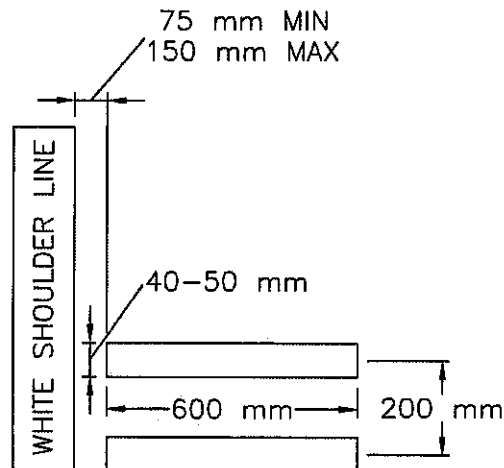
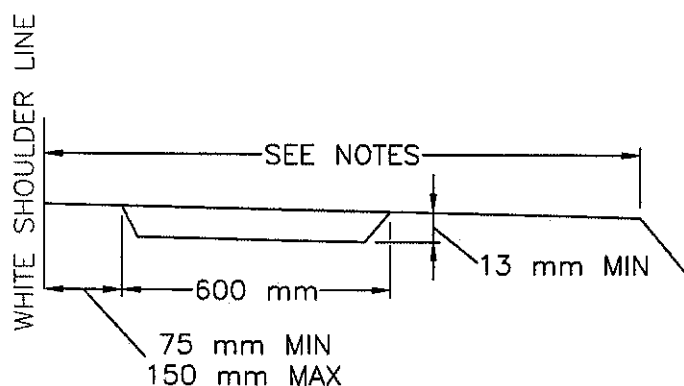




PLAN VIEW



DETAIL



**CROSS SECTION VIEW
A - A**

NOTES:

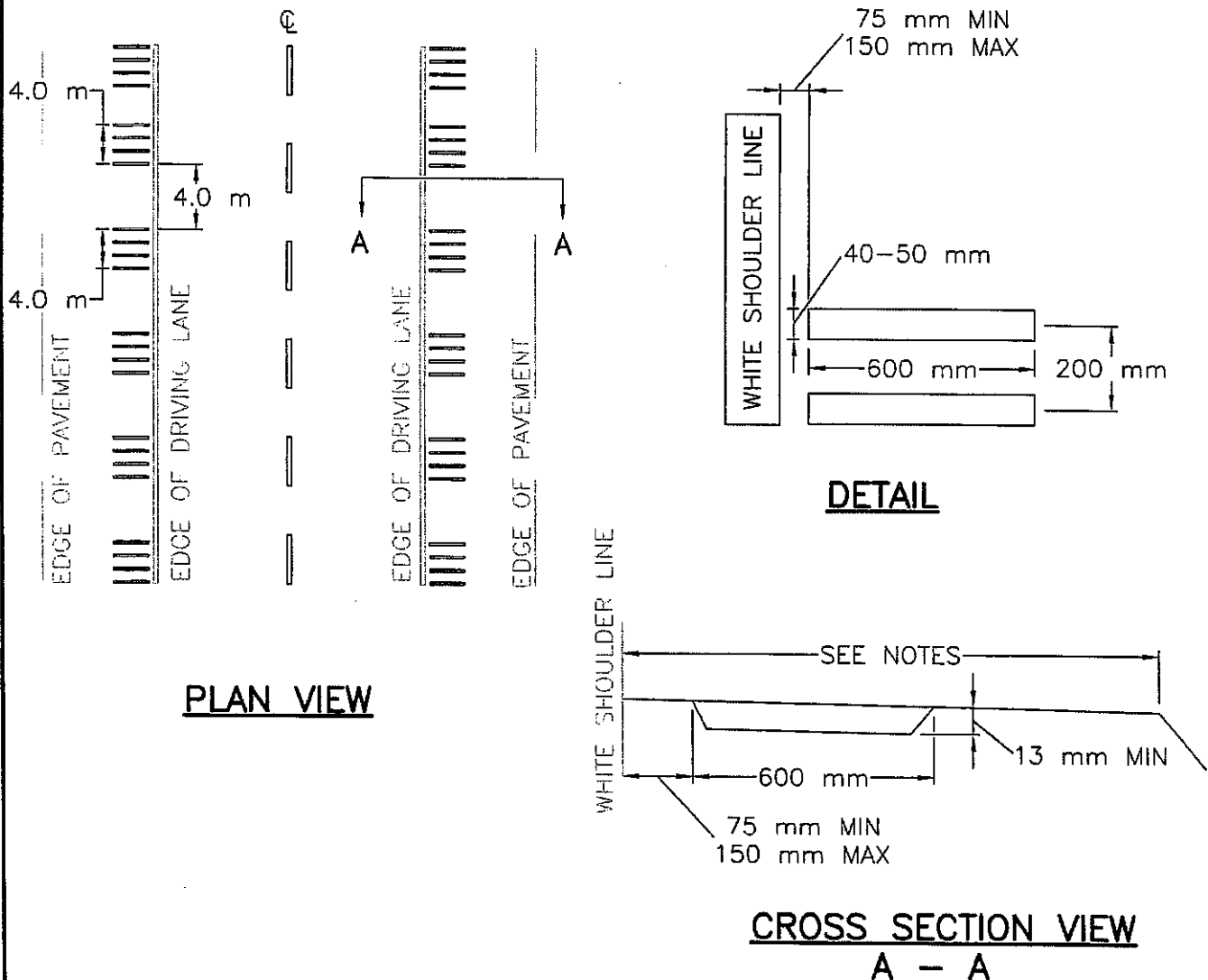
- Grooved rumble strips are to be installed on outside lanes of new and major pavement rehabilitation projects on:
 - Two-lane highways with minimum 2 m asphalt concrete shoulders and AADT > 1800.
 - Multi-lane highways with minimum 2 m asphalt concrete outside shoulders and AADT > 1800.
 - Approaches to bridges where the bridge shoulder width is less than half the approaching asphalt concrete highway shoulder.
- Grooved rumble strips are not to be placed through urban areas, intersections or where shoulder widths are reduced due to the presence of turning lanes.
- Grooved rumble strips are discontinued through intersections and intersection treatments.
- For additional information please refer to SKS 2.2.4-B.
- Diagrams are not to scale.



**SHOULDER RUMBLE STRIPS
CONTINUOUS INSTALLATION BY MILLING**

RECOMMENDED BY		DIRECTOR DESIGN & TRAFFIC ENG	DATE	2016-03-21	STANDARD PLAN NO	21021
APPROVED BY		EXECUTIVE DIRECTOR TECHNICAL STANDARDS BRANCH	DATE	May 5/16	SHEET	1 OF 2

ACAD DWG: SKS21021-1
LAST REV DATE: 16/01/27



NOTES:

- Grooved rumble strips are to be installed on outside lanes of existing pavement on:
 - Two-lane highways with minimum 2 m asphalt concrete shoulders and AADT > 1800.
 - Multi-lane highways with minimum 2 m asphalt concrete outside shoulders and AADT > 1800.
 - Approaches to bridges where the bridge shoulder width is less than half the approaching asphalt concrete highway shoulder.
- Grooved rumble strips are not to be placed through urban areas, intersections or where shoulder widths are reduced due to the presence of turning lanes.
- Grooved rumble strips are discontinued through intersections and intersection treatments.
- For additional information please refer to SKS 2.2.4-B.
- Diagrams are not to scale.



SHOULDER RUMBLE STRIPS CONTINUOUS INSTALLATION BY MILLING

RECOMMENDED BY	<i>[Signature]</i>	DIRECTOR DESIGN & TRAFFIC ENG	DATE	2016-03-21	STANDARD PLAN NO	21021
APPROVED BY	<i>[Signature]</i>	EXECUTIVE DIRECTOR TECHNICAL STANDARDS BRANCH	DATE	May 5/16	SHEET	2 OF 2

ACAD DWG: SKS21021-1
LAST REV DATE: 16/01/27