

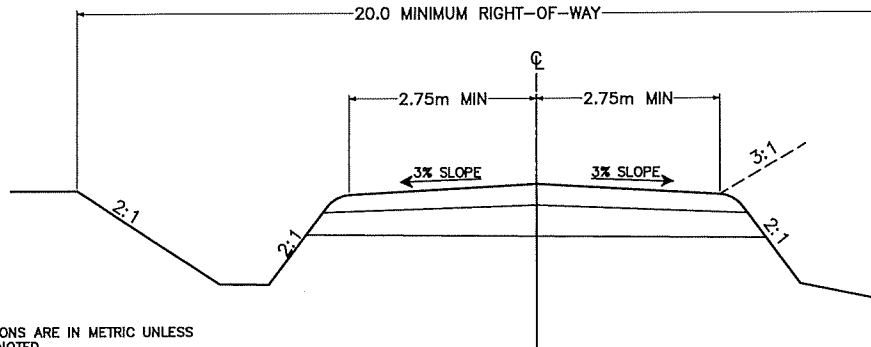
Municipality of the District of Lunenburg POLICY

Title: Standard Details for Public Roads and Private Designed Roads	
Policy No. MDL-87	
Effective Date: September 24, 2018	Amended Date:

The policy forms Schedule “J” and “J-1” of the Subdivision By-law.

SCHEDULE J

STANDARD DETAILS FOR PUBLIC ROADS AND PRIVATE DESIGNED ROADS



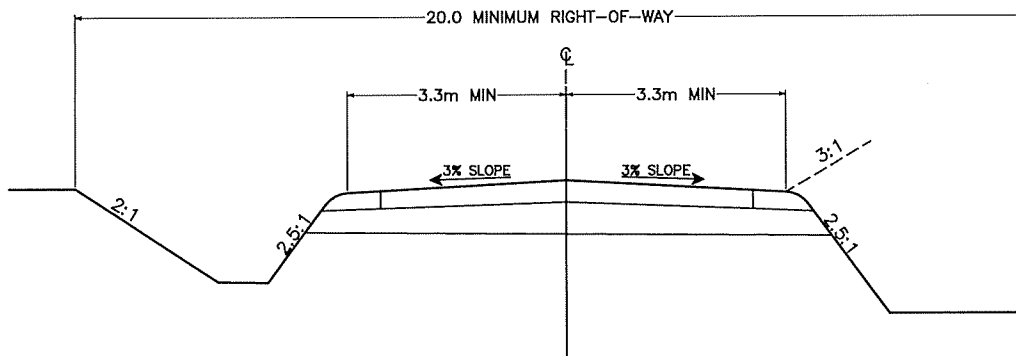
NOTES:

1. ALL DIMENSIONS ARE IN METRIC UNLESS OTHERWISE NOTED.
2. ADDITIONAL SLOPE STABILIZATION MAY BE REQUIRED AS PER GEOTECHNICAL REPORT.
3. DITCHES, WHERE NEEDED, SHALL BE OF A DEPTH AND WIDTH AS SPECIFIED BY AN ENGINEER LICENSED TO PRACTICE IN NOVA SCOTIA.
4. FOR ALL PRIVATE DESIGNED ROAD SECTIONS THE THICKNESS OF THE GRAVEL BASE AND SURFACE COURSE SHALL BE AS SPECIFIED IN SCHEDULE J-1.



TYPICAL PRIVATE DESIGNED RURAL LANEWAY (RLW)
20m ROW, 5.5m GRAVELLED TRAVEL LANE

SCALE: N.T.S.



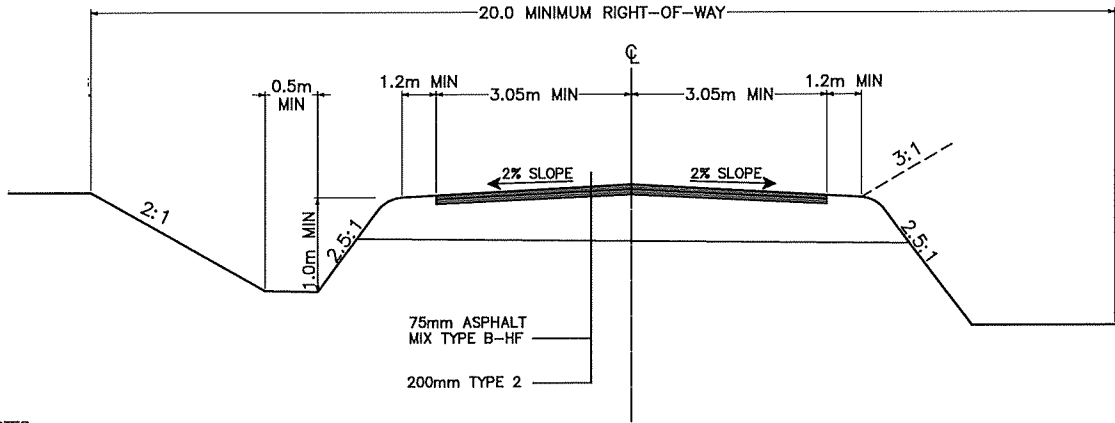
NOTES:

1. ALL DIMENSIONS ARE IN METRIC UNLESS OTHERWISE NOTED.
2. ADDITIONAL SLOPE STABILIZATION MAY BE REQUIRED AS PER GEOTECHNICAL REPORT.
3. DITCHES, WHERE NEEDED, SHALL BE OF A DEPTH AND WIDTH AS SPECIFIED BY AN ENGINEER LICENSED TO PRACTICE IN NOVA SCOTIA.
4. FOR ALL PRIVATE DESIGNED ROAD SECTIONS THE THICKNESS OF THE GRAVEL BASE AND SURFACE COURSE SHALL BE AS SPECIFIED IN SCHEDULE J-1.



TYPICAL PRIVATE DESIGNED ROAD (LVR)
20m ROW, 6.6m GRAVELLED TRAVEL LANE

SCALE: N.T.S.

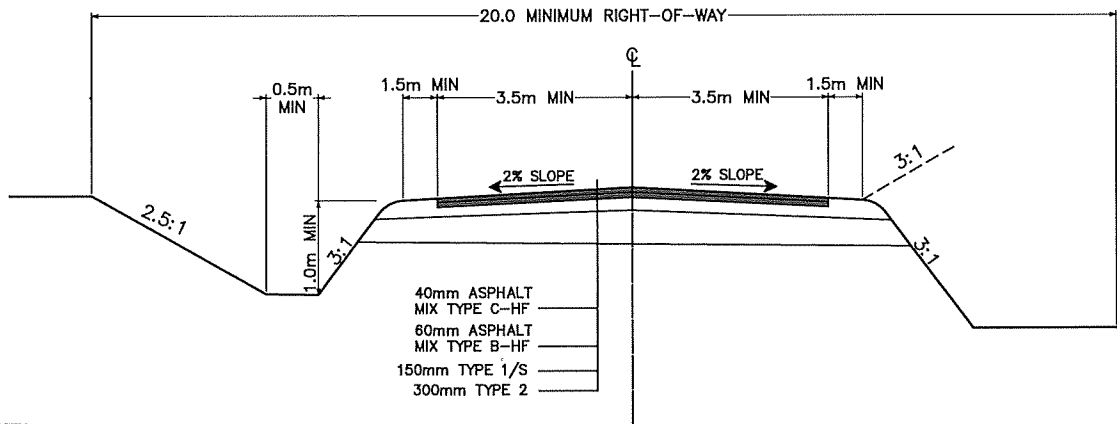


NOTES:

1. ALL DIMENSIONS ARE IN METRIC UNLESS OTHERWISE NOTED.
2. ADDITIONAL SLOPE STABILIZATION MAY BE REQUIRED AS PER GEOTECHNICAL REPORT.
3. SHOULDER INCLUDES 0.3m OF ROUNDING. MINIMUM 1.2m OF USEABLE SHOULDER.
4. FOR ALL ROAD SECTIONS THE THICKNESS OF THE GRAVEL BASE AND SURFACE COURSE FOR THE ROAD SHALL BE AS PER THE MINIMUM DIMENSIONS SHOWN IN THE ROAD SECTIONS, EXCEPT WHERE A SITE SPECIFIC DESIGN FOR A ROAD BED HAS BEEN PROVIDED BY AN PROFESSIONAL ENGINEER LICENSED TO PRACTICE IN THE PROVINCE OF NOVA SCOTIA.



TYPICAL PUBLIC ROAD (RLU)
20m ROW, 6.1m PAVED TRAVEL LANE
SCALE: N.T.S.



NOTES:

1. ALL DIMENSIONS ARE IN METRIC UNLESS OTHERWISE NOTED.
2. ADDITIONAL SLOPE STABILIZATION MAY BE REQUIRED AS PER GEOTECHNICAL REPORT.
3. SHOULDER INCLUDES 0.3m OF ROUNDING. MINIMUM 1.5m OF USEABLE SHOULDER.



TYPICAL PUBLIC ROAD (RCU)
20m ROW, 7m PAVED TRAVEL LANE
SCALE: N.T.S.

SCHEDULE J-1

The base course and surface course of Private Designed Roads shall have a thickness determined by any one of the following three approaches:

- 1) Designed by a Professional Engineer licensed to practice in Nova Scotia based on site-specific conditions and using the AASHTO Guide for Design of Pavement Structures, or similar method as approved by the Municipal Engineer. The specified design shall be sufficient to accommodate a Category 1 motor vehicle with an axle weight of 18,000 kg and a spread range of 2.4 to 3.0 m.
- 2) A base course with a minimum thickness of 200 mm and a surface course with a minimum thickness of 100 mm.
- 3) A base course and surface course with thicknesses as specified in the following table in accordance with the subgrade type(s) present on-site, as determined by a Professional Engineer licensed to practice in Nova Scotia. Granular till shall be defined as material with less than 35 percent passing a 75 µm sieve, while silt/clay shall include those materials with more than 35 percent passing a 75 µm sieve.

Rural Laneway (RLW)

Material	Subgrade Type		
	Bedrock	Granular Till	Silt/Clay
Surface Course	100 mm	100 mm	100 mm
Base Course	-	100 mm	150 mm

Low Volume Rural Road (LVR)

Material	Subgrade Type		
	Bedrock	Granular Till	Silt/Clay
Surface Course	150 mm	100 mm	100 mm
Base Course	-	150 mm	200 mm

Clerk's Annotation for Official Policy Book

Date of Notice to Council Members: August 28, 2018

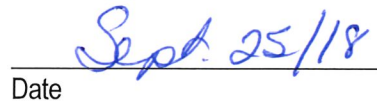
Date of Passage of Current Policy: September 24, 2018

Date of Notice to Council Members
of Intent to Consider Amendments:

Date of Passage of Amendments:

I certify that this "*Policy MDL-87*" was adopted by Council as indicated above.


Municipal Clerk


Date