
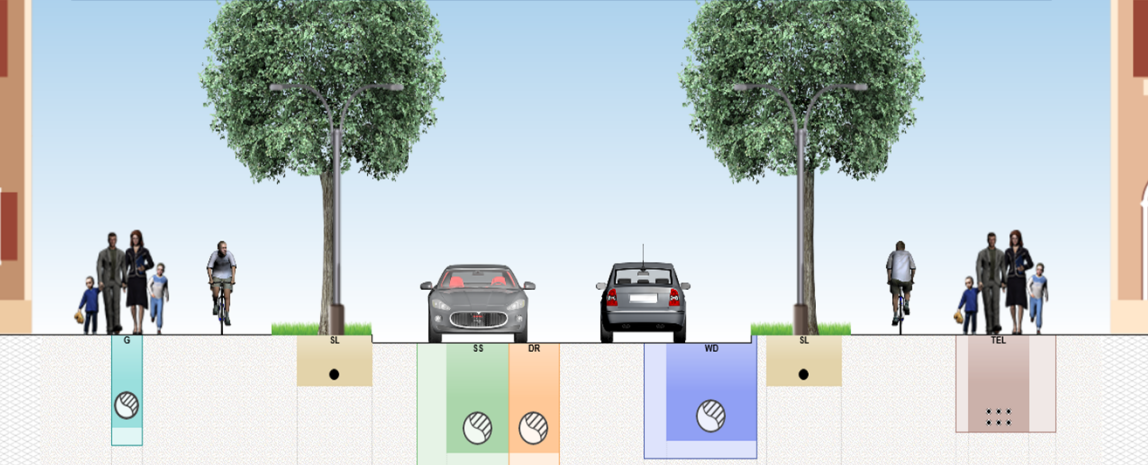


Attachment G




City of Nanaimo's MOESS Update

Updating our Manual of Engineering Standards & Specifications



May, 2020 www.nanaimo.ca/goto/MOESS

MoESS Edition Update No. 13



Overview and influence

- Translate higher level planning policy/documents
- Dictates the look/feel of neighborhoods or streetscapes
- Determines how long infrastructure assets will last
- Determines infrastructure risk
- Determines how much cost there will be in maintaining or operating infrastructure

May, 2020 www.nanaimo.ca/goto/MOESS

MoESS Edition Update No. 13



MoESS is Schedule 'A' of the Subdivision Control Bylaw



Introduction

- 1.0 - General Drafting Requirements
- 2.0 - General Definitions and References
- 3.0 - General Requirements
- 4.0 - Excavation, Trenching and Backfill
- 5.0 - Water Distribution System
- 6.0 - Sanitary Sewer System
- 7.0 - Stormwater Management
- 8.0 - Transportation
- 9.0 - Aggregates and Granular Material
- 10.0 - Roadway, Lighting and Traffic Signals
- 11.0 - Cast In Place Concrete Works
- 12.0 - Asphaltic Concrete Paving
- 13.0 - Surface Treatments
- 14.0 - Landscape

Appendix

May, 2020

www.nanaimo.ca/goto/MOESS

MoESS Edition Update No. 13



Engagement

- Public Engagement started in 2018 and ongoing
- 40+ instances of engagement during the project
- Website, letters, meetings, open houses, presentations, etc
- Overall feedback, very positive
- Made adjustments to draft standards where possible
- Not all comments/concerns can be accommodated

May, 2020

www.nanaimo.ca/goto/MOESS

Summary of Substantial Changes





Complete Street Guidelines



Cross Connection Control Bylaw



GIS Strategic Plan


MAP		INFORMATION	
MAP	INFORMATION	Services	Income
11 North Lane	Water, Sewer	Water, Sewer	\$11,000 p/a
11 North Lane	Water, Power	Water, Power	\$12,000 p/a
11 North Lane	Water	Water	None

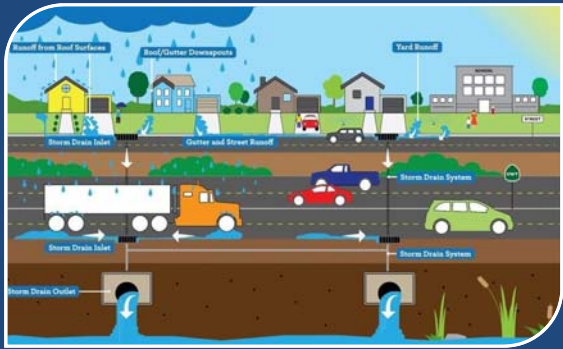


Asset Management of Materials & Aggregates


May, 2020
www.nanaimo.ca/goto/MOESS

Summary of Substantial Changes






Section 7.0 Stormwater Management



Considerations for Climate Change



City's Rain Gauge Monitoring Station RM2

May, 2020
www.nanaimo.ca/goto/MOESS

Section 8: Transportation



Transition to Complete Streets



Nord Avenue, Chico, CA by Dan Bar...

March 2, 2020

www.nanaimo.ca/goto/CompleteStreets

Section 8: Transportation



Urban Local Street



May, 2020

www.nanaimo.ca/goto/CompleteStreets

MoESS Edition Update No. 13



What are the Costs?

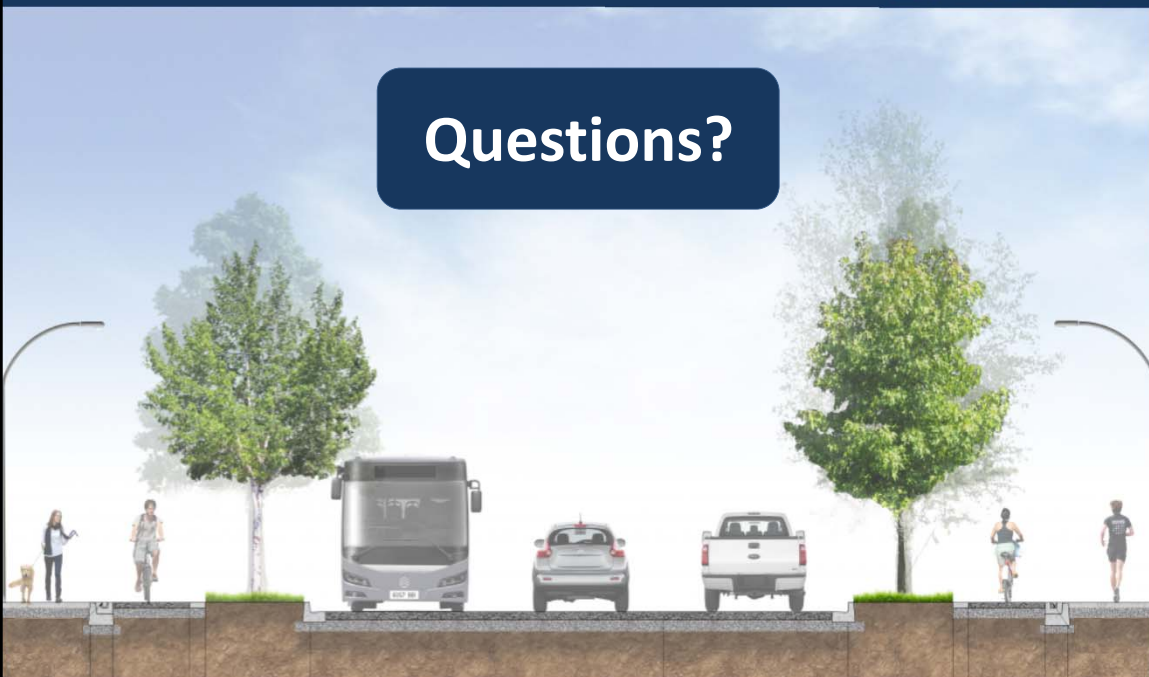
- Asphalt and Materials
 - granular aggregates and gravels
 - asphalt thickness
- Complete Streets
 - right-of-way requirements
 - construction
- Road Standards and Geometry
- Drainage

May, 2020

www.nanaimo.ca/goto/MOESS



Questions?



May, 2020

www.nanaimo.ca/goto/MOESS