



# Nova Scotia NEPPP Update

**Adam Marlin, P.Eng.**  
Highway Construction Services



**Transportation and Infrastructure Renewal**

# Overview

- Nova Scotia Overview
- Pavement Preservation Treatments
- 2014/15 Preservation Summary
- 2015/16 Planned Preservation Work
- What's New



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# Nova Scotia's Highway Networks

- Nova Scotia's Department of Transportation and Infrastructure Renewal is Responsible for 90 % of the Public Roadways in NS.
- 4100 Bridges
- 23000 km of roads
- ~14000 km paved (8700 miles)
- ~9000 km unpaved (5600 miles)



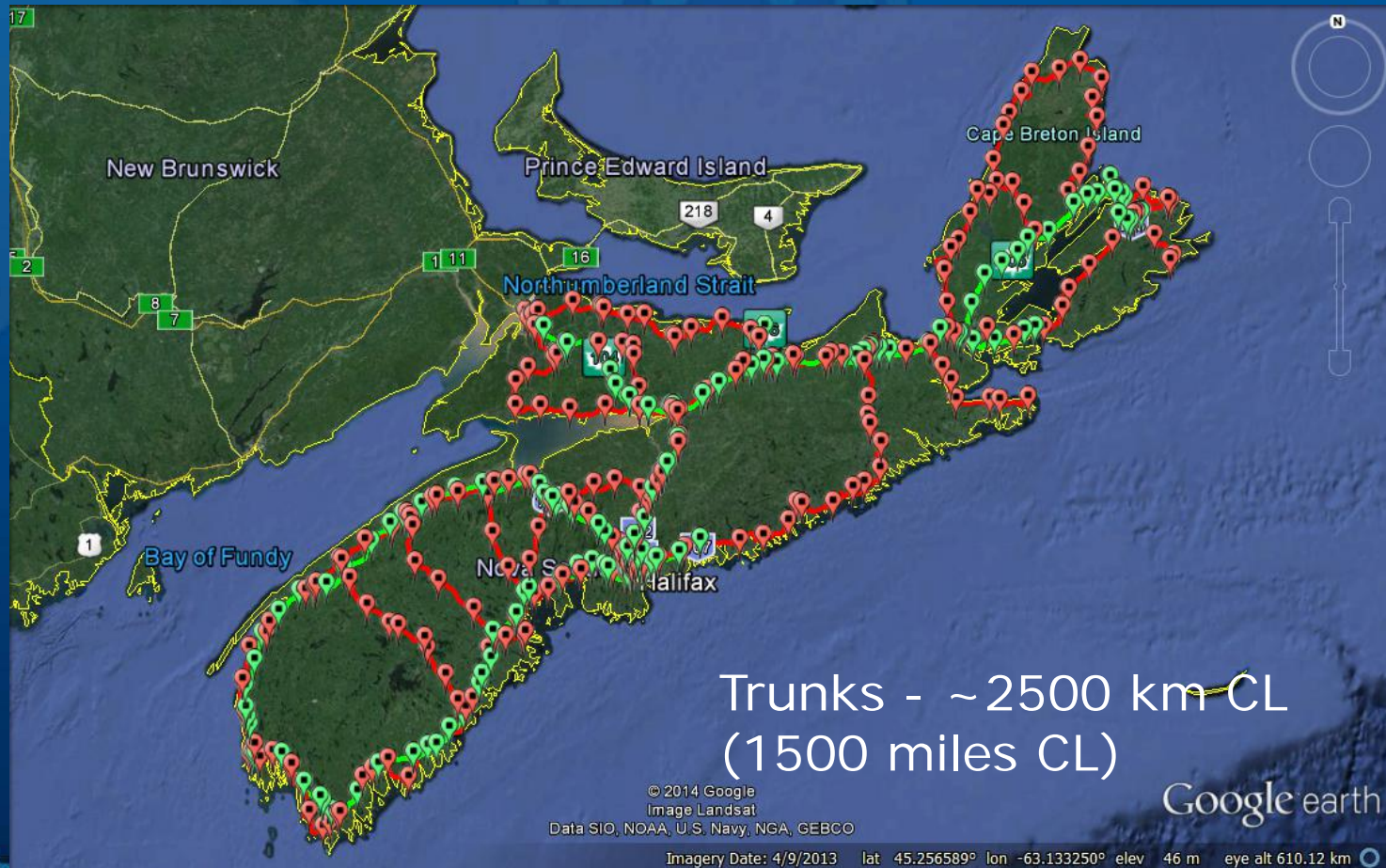
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# Nova Scotia's Highway Networks



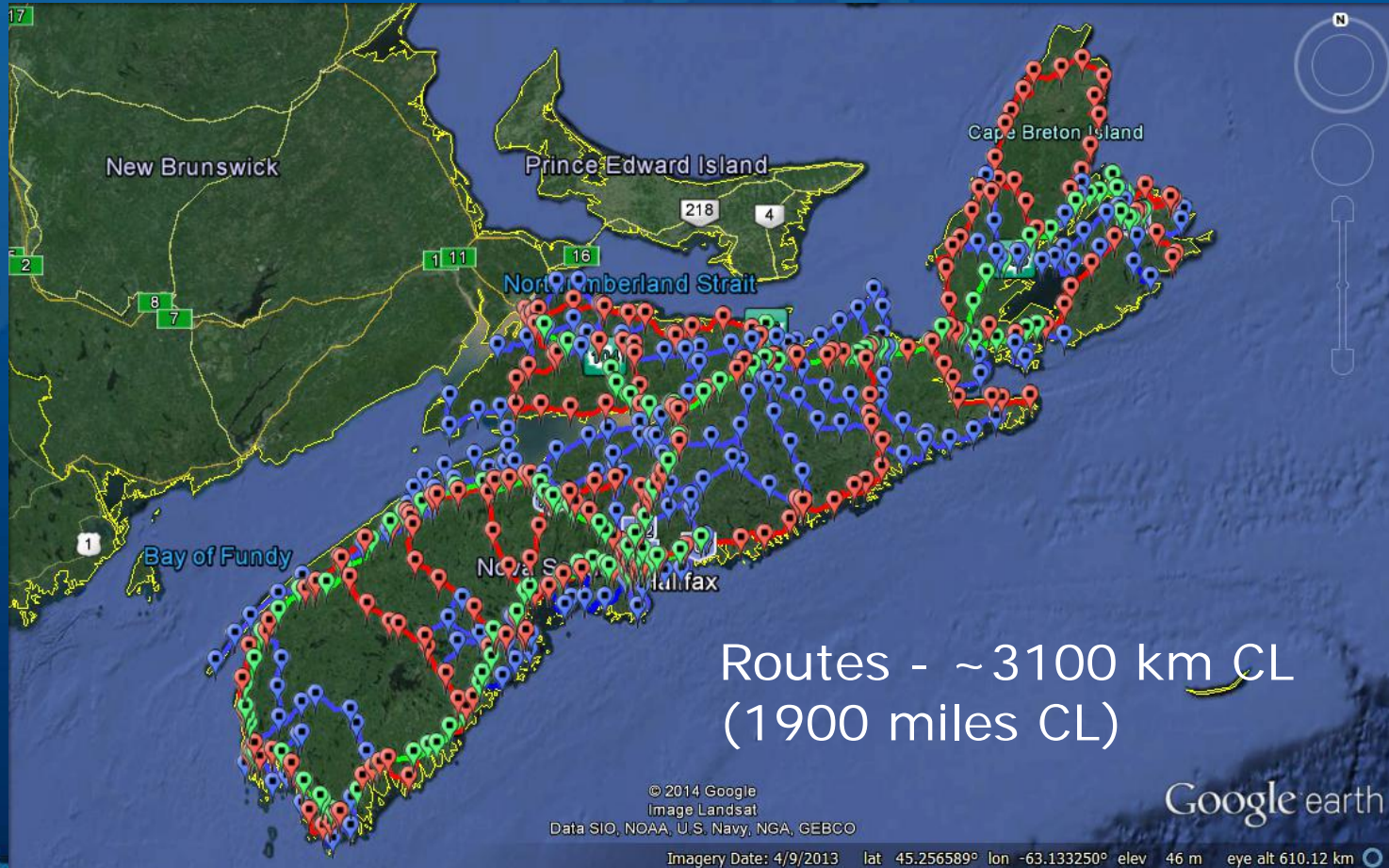
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# Nova Scotia's Highway Networks



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# Nova Scotia's Highway Networks



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# Pavement Preservation Treatments

- Micro-surfacing – Two Year Warranty Spec.
- Seal Coat Type A – Single Chip and Fog Seal
- Seal Coat Type B – Double Chip and Fog Seal
- Ultrathin Bonded Wearing Course...Coming Soon...more later...



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# 2014 Preservation Treatment Totals

Type	Tendered Projects	CL Length km (mi)
Micro-Surfacing	6	62 (39)
Seal Coat Type A	7	40 (25)
Seal Coat Type B	9	36 (22)
CIR/PDR:	3	12 (7.5)
FDR:	1	6 (3.7)



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# Highway Funding in Nova Scotia 2015-2016

## How Capital Funding is Invested

Major Construction (new Highway and Bridges)	\$68,000,000
Asphalt and Resurfacing	\$105,500,000
Bridge Replacement/Rehabilitation	\$31,000,000

## Land Purchases

	\$6,000,000
Equipment, Machinery, Ferries	\$8,500,000
Highway Design, Studies, Surveys	\$1,000,000
<b>Total Funding</b>	<b>\$220,000,000</b>



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# Preservation Budget for 2015-2016

- Micro-Surfacing - \$4 Million (Reduced by \$1Mil.)
- Single Chip Seal - \$3.5 Million
- Double Chip Seal - \$4.3 Million
- Single Lift Overlays - \$2.5 Million



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# NSTIR In-House Crack Seal Crew



**NOVA SCOTIA**

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# NSTIR In-House Crack Seal Crew

- 78 km CL Section of Trunk 1
- 158 000 m of Crack Sealing
- 3400 m per day
- \$209 800.00 or \$1.33 per m

Great Success in 2014/15 – \$250 000.00  
Budget for 2015/16



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# NSTIR Plans for UTBWC

- Ultrathin Bonded Wearing Course Trial planned for 2016/17
- NSTIR/NSRBA/NSUPA Cooperation
- Special Thanks to Mike Fowler, Ron Simbari and John Cawthern



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# UTBWC Implementation Plan

- Reach Out to Consulting and Contractor Communities (DONE)
- Complete Spec. Prov. Spec.(85%)
- Reach Out to Paver Manufactures (Done)
- Executive Buy-In for a three year trial program (Done)
- Contractor Community's Commitment to Program Development (Incentive for Spray Paver)

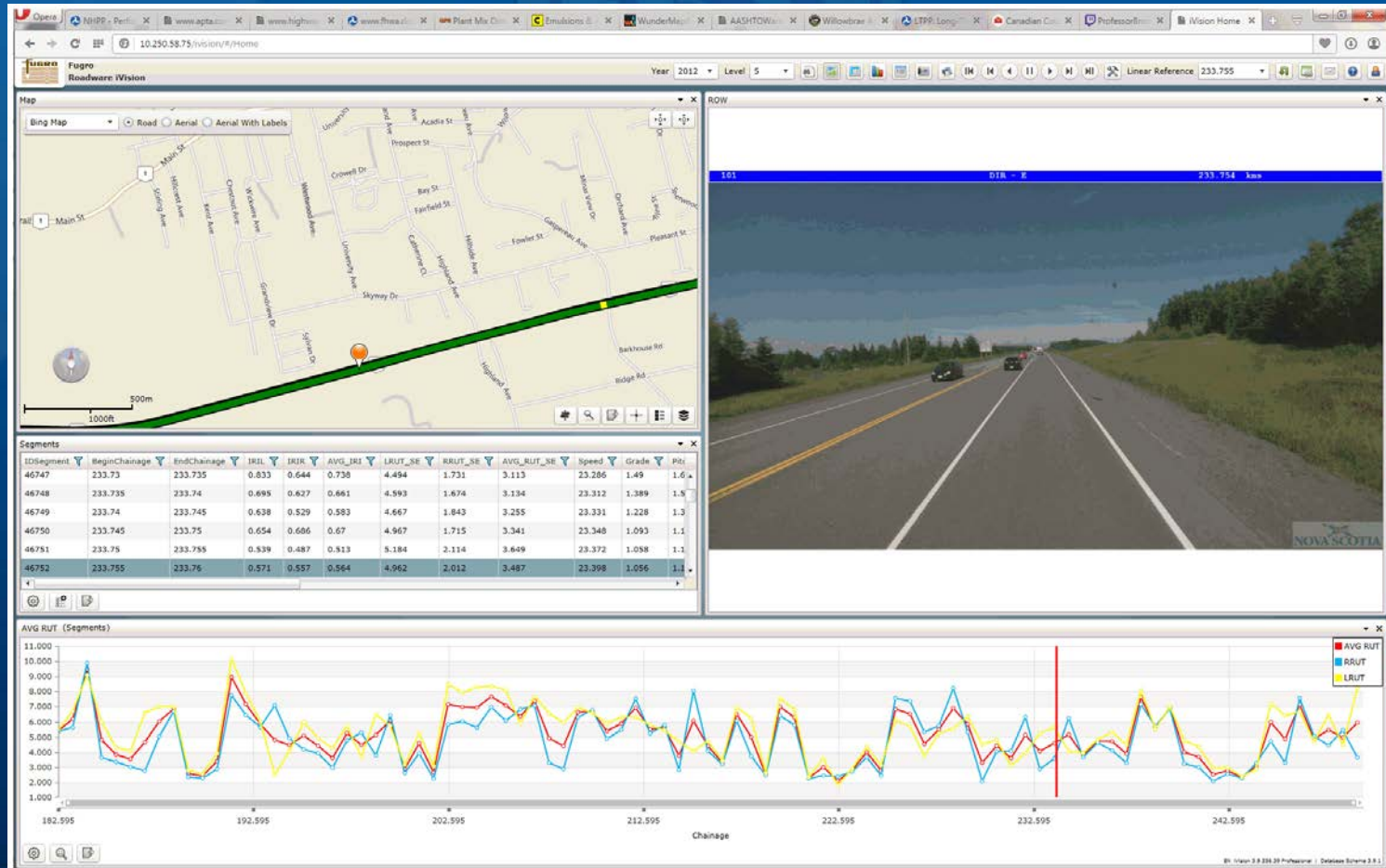


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# NSTIR's Use of iVision



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# Summary

- NSTIR Manages a Significant Network
- Budget Challenges and Preservation Challenges Persist
- Lots of New Technology and Processes Coming Online
  
- Thanks and Feel Free to Ask Any Questions.



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