

TRANSPORTATION SERVICES

CAPITAL PROJECTS - 5 YR OVERVIEW



Agenda

- 1-5 Year Capital Forecast
 - 10 Year Capital Outlook
 - Safety Initiatives
 - Regional Vision
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Capital Budget Allocation

Niagara Region's Capital Budget is broken down into four (4) main areas:

- Network Expansion
- Intersection Improvement Program
- Roads Rehabilitation Program
- Structure Rehabilitation Program

Program Definitions

➤ **Network Expansion**
includes the construction of new roads, and the widening of existing roads to accommodate growth and development as part of the Region's 10-Year Capital Roads Program identified in the Transportation Master Plan.

➤ **Intersection Improvement Program**
involves modifications to improve the safety of the intersection, such as adding turn lanes and curbs, resurfacing the road and changing pavement markings, installing new traffic signals, and creating roundabouts.

➤ **Roads Rehabilitation Program**
involves reconstruction of roads to address deteriorating pavement conditions and improve the cross section. This may include new buried infrastructure, curb and gutter and active transportation.

➤ **Structure Rehabilitation Program**
Will include one of the following strategies:
Bridge Rehabilitation involves the modification, alteration or improvement of existing bridges on Regional Roads. The work is performed to correct deficiencies that will extend the service life or increase the load carrying capacity.
Bridge Replacement involves the replacement of existing bridge structures that have reached the end of their service life.

I-5 Year Capital Forecast Network Expansion

Regional Road 37 Merritt Road From Niagara Street to Rice Road

Status
EA Underway



Merritt Rd looking west to road allowance to Rice Road

I-5 Year Capital Forecast Network Expansion

Regional Road 54 Rice Road From Merritt Road to Quaker Road

Status
EA Underway



Rice Rd looking south to Quaker Rd intersection



Rice Rd looking north to Merritt Rd

I-5 Year Capital Forecast Intersection Improvement Program

Regional Road 24 Victoria Ave

At RR63 Canboro Rd

Status

Design Phase



Victoria Avenue - looking north



Canboro Road - looking west

I-5 Year Capital Forecast Roads Rehabilitation Program

Status
Construction underway

Regional Road 529 Effingham Street
From Webber Road to River Road



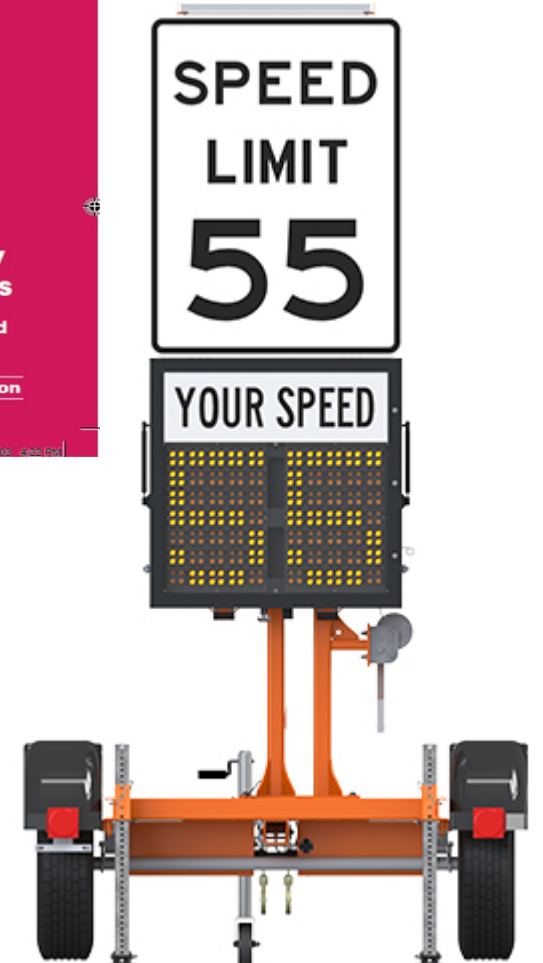
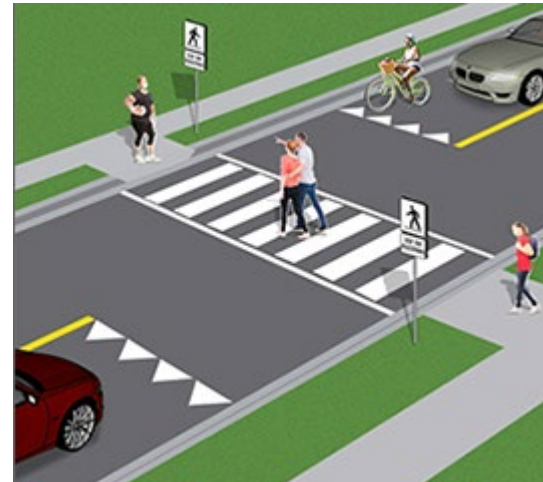
Effingham Street looking south to River Road



RR529 Effingham St during reconstruction

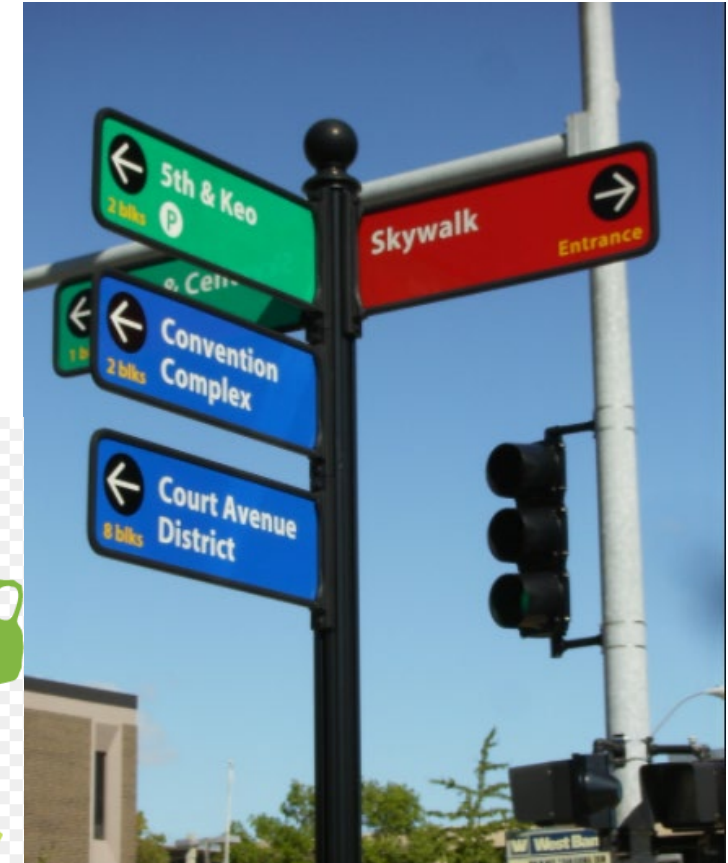
Safety Initiatives

- Vision Zero Road Safety Program
- Pavement Line Marking and Crosswalks
- Speed Display Trailer
- Sign Installations



Regional Vision

- Complete Streets
- Regional Wayfinding
- Niagara-Hamilton Trade Corridor
- New Escarpment Crossing



Thank-you