

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 56 Collier Road From Hwy 58 to Beaverdams Rd

Status
Future Project



Collier Road looking south to Confederation Avenue

I-5 Year Capital Forecast Roads Rehabilitation Program

Regional Road 67 Pine Street From Beaverdams Rd to Hwy 58

Status
Future Project



RR67 Pine St looking south to Beaverdams Rd

I-5 Year Capital Forecast Roads Rehabilitation Program

Regional Road 71 St. David's Road From Hwy 406 to Collier Rd

Status
Construction Underway



Pre-Construction - RR 71 (St. David's Rd) looking east to Woodmount Dr



During Construction - RR 71 (St. David's Rd) looking east at Tupper Dr

I-5 Year Capital Forecast Structure Rehabilitation Program

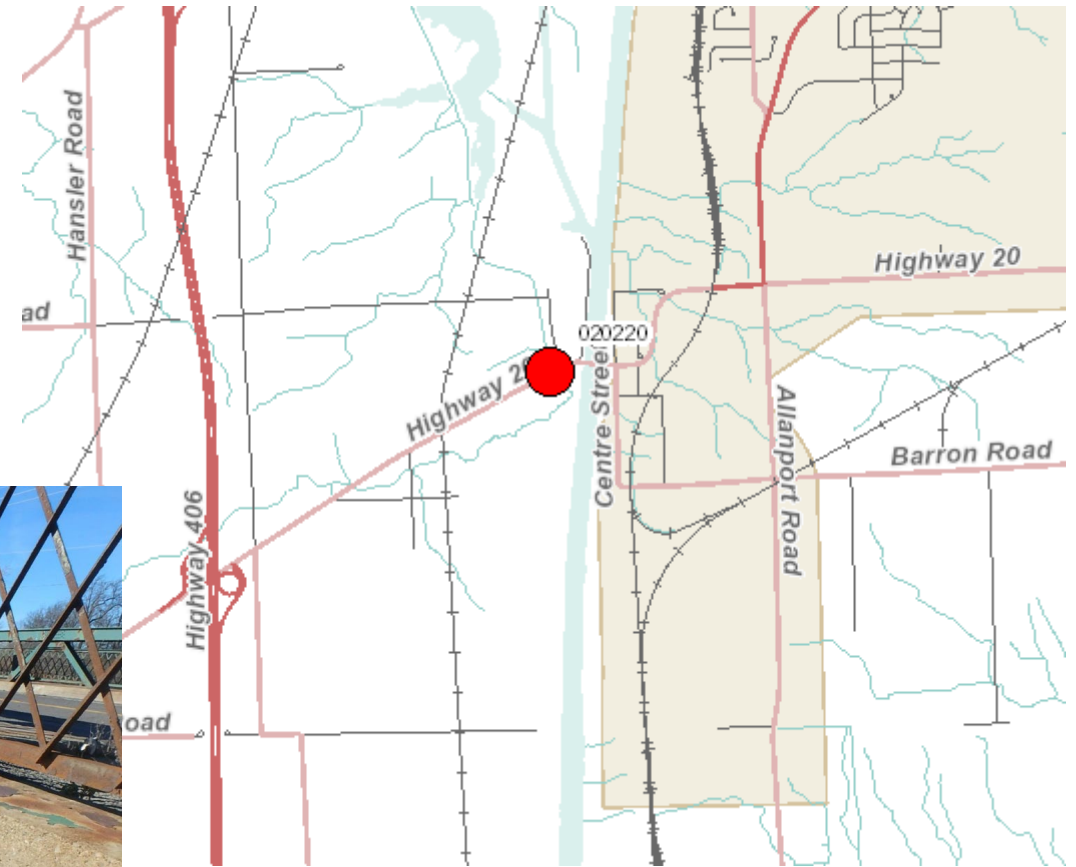
Status
Detailed Design

Hwy 20 Bridge

Hwy 20 Bridge looking east

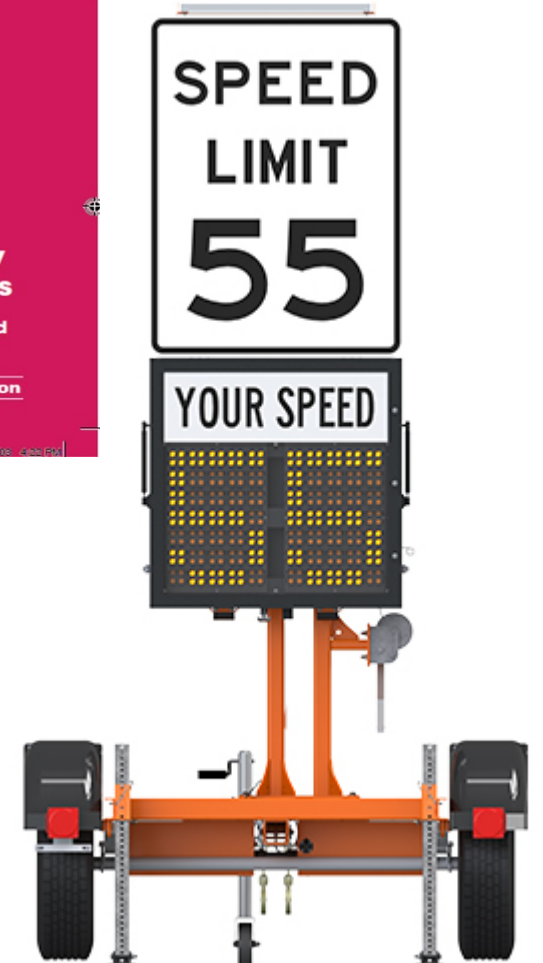
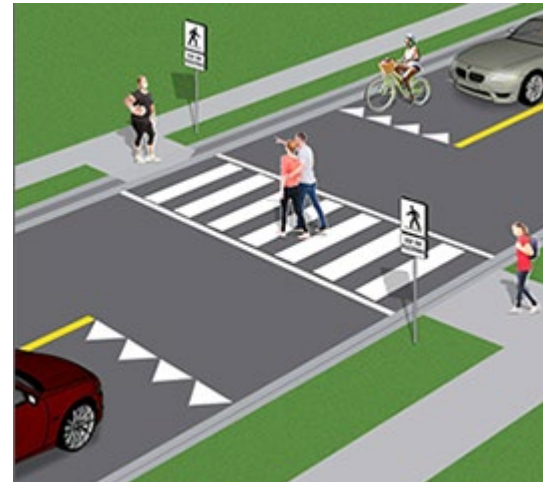


Hwy 20 Bridge –
south elevation



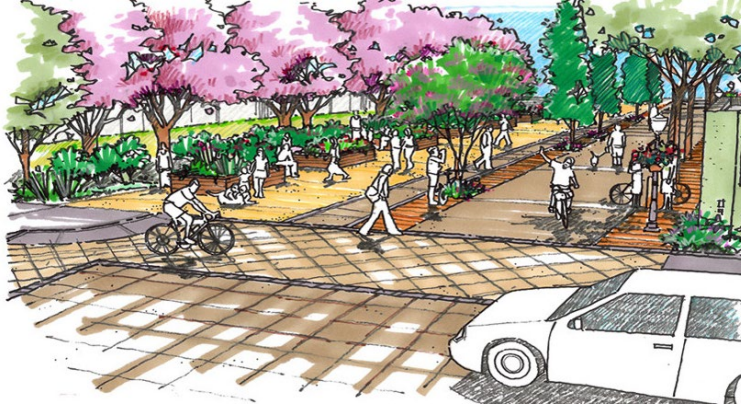
Safety Initiatives

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

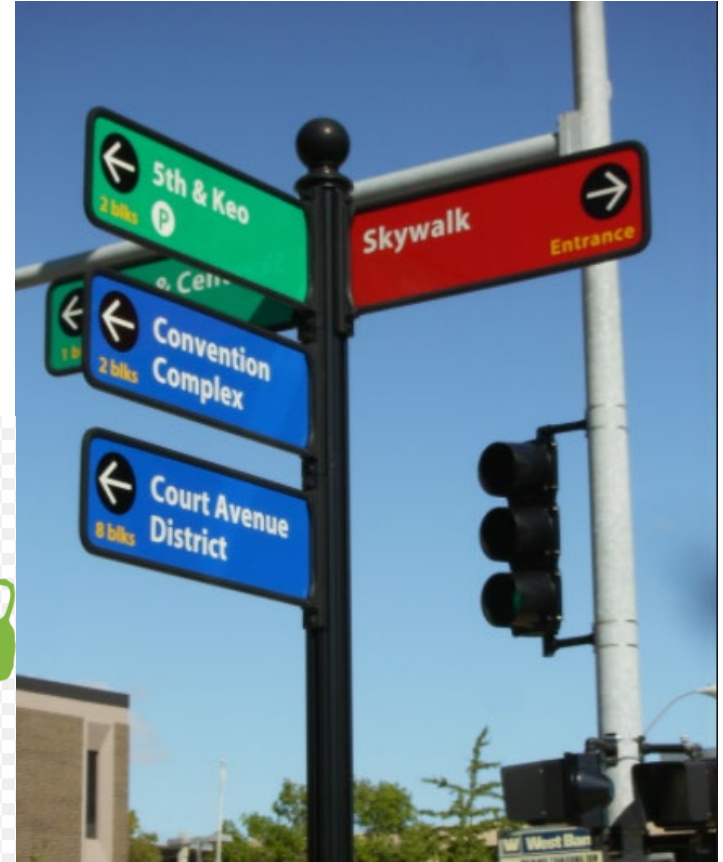


Regional Vision

➤ Complete Streets



➤ Regional Wayfinding



➤ Niagara-Hamilton Trade
Corridor





Thank-you

