

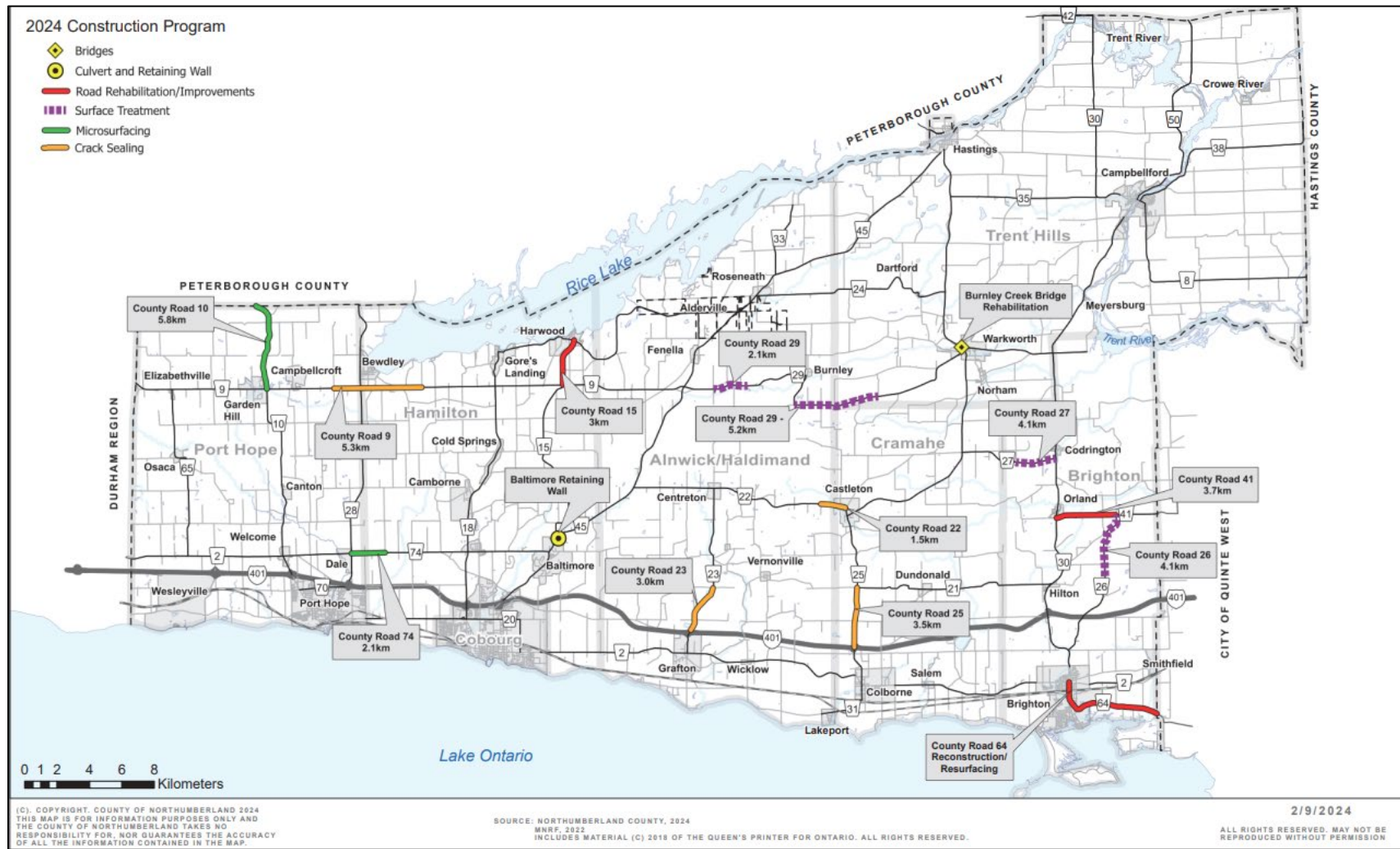


Public Works Engineering Project Update Public Works Committee

Carol Coleman
Associate Director of Engineering, Public Works
June 3, 2024

Construction Projects

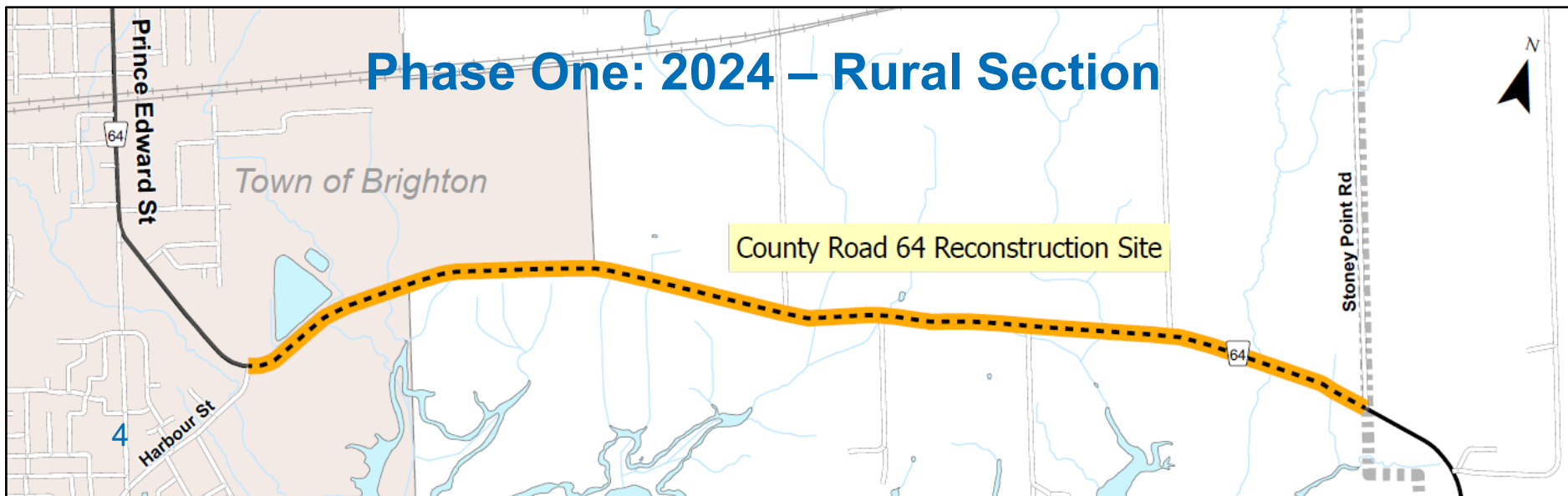
2024 Construction Program





CR 64 Reconstruction Brighton

- ▶ Joint project with Municipality of Brighton
- ▶ Communication plan being developed
- ▶ Phase 1 (2024): Rehabilitation from Harbour St. to Stoney Point Road
 - ▶ Summer 2024 construction - paved shoulders, culvert rehabs or replacement; artificial turtle nesting sites and utility relocation for Phase 2
- ▶ Phase 2 (2025): Reconstruction of urban section from Elizabeth St. to Harbour St.
 - ▶ 2025 Construction - watermain and sanitary sewer replacements; bicycle lanes; new or rehabilitated sidewalks: pedestrian crosswalks; turning lanes and traffic calming measures
- ▶ Budget ~ \$9.3 million (County portion)





2024 Road Paving

- ▶ CR 15: Hamilton Township from CR 9 to CR 18 (3 km)
- ▶ CR 41: Brighton from CR 30 to CR 26 (3.7 km)
- ▶ CR 50: Trent Hills from 11th Line to Trent River Road (5.9 km) (top lift)
- ▶ Construction Mid-May to end of September
- ▶ Includes 1.5 m wide paved shoulders
- ▶ Cost ~ \$4.5 million (under budget)





Road Preventative Maintenance

- ▶ Microsurfacing (\$640,000, under budget)
 - ▶ 5.8 km: Port Hope & Hamilton
- ▶ Crack Sealing (\$80,000, under budget)
 - ▶ 13.3 km: Port Hope, Hamilton, Alwick/Haldimand, & Cramahe
- ▶ Surface Treatment (\$800,000)
 - ▶ 13.9 km of County Roads in Alwick/Haldimand, Cramahe, & Brighton
 - ▶ Approximately 100 km of member municipality roads





Burnley Creek Bridge, Trent Hills



- ▶ Located in Warkworth, CR25 - 300 m north of CR 29 (Mill St.)
 - ▶ Replace asphalt on deck, waterproof deck, repair spalling concrete, replace parapet walls and railings, replace guiderails and restore embankments
- ▶ Tendering for summer 2024 construction ~ 10-week closure
- ▶ Budget ~ \$800,000





Baltimore Retaining Wall

- ▶ Located along CR45 approximately 400 m north of CR15 (Harwood Road) in Baltimore
 - ▶ Install sheet pile wall, rebuild portions of gabion wall, install river stone, install rip rap (300m)
- ▶ Construction 2024/ 2025
- ▶ Cost ~ \$900,000 (under budget)





Safety Improvements

- ▶ Guide rail replacements
- ▶ Budget \$200,000
- ▶ Existing Guide Rail is reviewed annually (spring) in order to determine improvement requirements and locations
- ▶ Construction – Fall 2024



Design Projects



Trent River Crossing (Campbellford Bridge)



- ▶ 60% design complete, 90% expected fall 2024
 - ▶ Trent Hills completing design work for Frank St. & Saskatoon Ave. to coordinate with overall project construction
- ▶ Subsurface utility investigation underway
- ▶ 2024 to 2025 – property acquisitions
- ▶ 2025 to 2027 – utility relocations and construction
- ▶ Design budget ~ \$1.8 million





Road & Other Designs

- ▶ Class EA and design – urban sections of CR 22 & 25 in Castleton (Cramahe)
- ▶ Detailed design CR 31 from Front Street to AH Boundary (Cramahe)
- ▶ Welcome intersection improvements (Port Hope)
- ▶ Master Drainage Plan EA – joint project with Cobourg





Development Charge Projects

- ▶ Elgin Street West (CR 2) – EA Phase IIb – Rogers Road to Lovshin/ New Amherst Blvd.
- ▶ Elgin Street East (CR 20) widening, detailed design – D’Arcy Street to Brock Road North
- ▶ Elgin Street East and D’Arcy Street intersection improvements, detailed design
- ▶ Brook Road North CN/ CP Rail Grade Separation Crossing – EA (to be led by developer)



Structure Designs

- ▶ Burnley Bridge, CR 29 (Alnwick/ Haldimand)
- ▶ Culvert, CR 45, south of CR 22 (AH)
- ▶ Culvert, Lot 16, Concession 9 (CR 25 south of Warkworth) (Trent Hills)
- ▶ Roseneath Retaining Wall (Alnwick/ Haldimand)
- ▶ Elgin Street Retaining Wall (Cobourg)



Questions?

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