

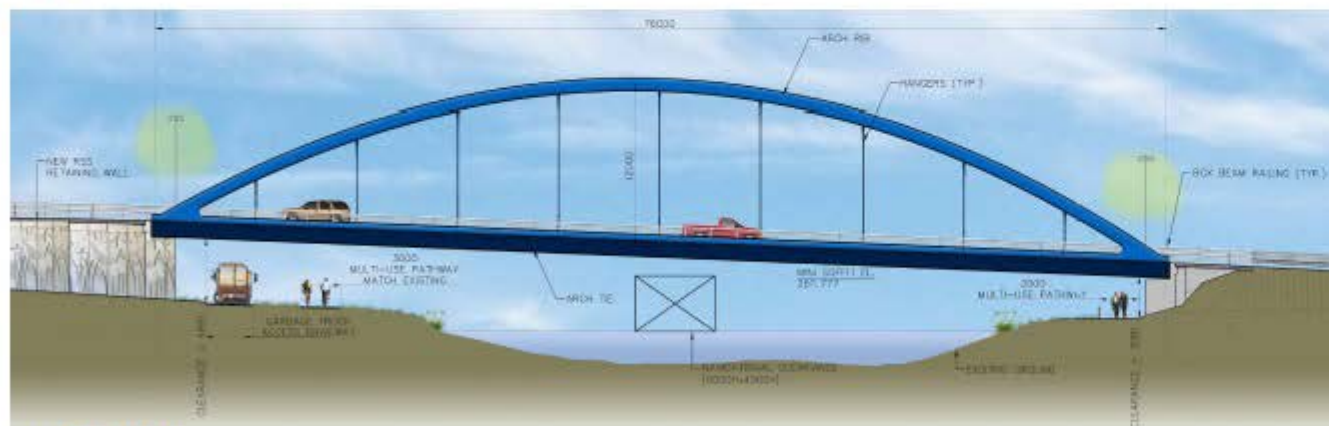
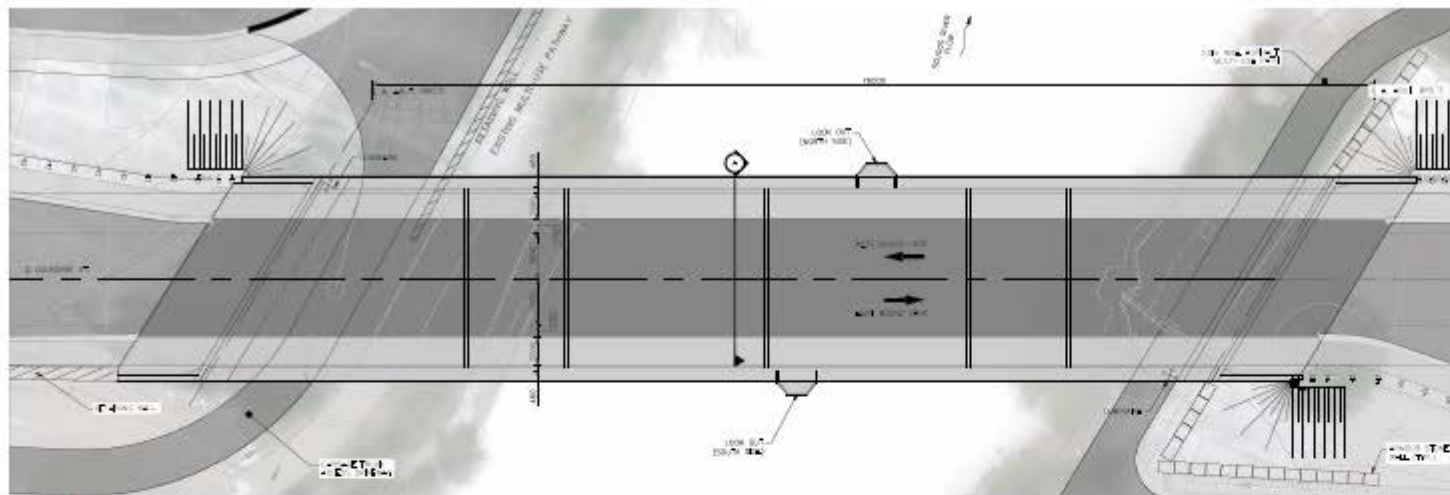


# COLBORNE STREET BRIDGE KEY PLAN

N.T.S.





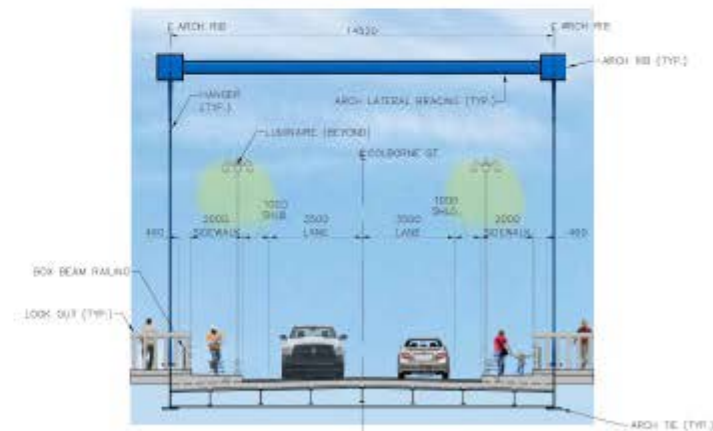


COLBORNE STREET  
BRIDGE  
DETAILED DESIGN

PLAN, ELEVATION,  
SECTION AND PROFILE

**INFRASTRUCTURE DESIGN  
AND CONSTRUCTION**

**ENGINEERING &  
CORPORATE ASSETS**  
322 KENT ST. W.  
LINDSAY, ON N0V 1K0  
(705) 324-9022



4035 Meadowbrook Drive Unit 112, London, ON N6L 1G4 CANADA  
Phone: 519-203-1222 [www.cirra.ca](http://www.cirra.ca)

Phone: 810-203-1222

**YOUNG CITIZEN**



# COLBORNE STREET RECONSTRUCTION

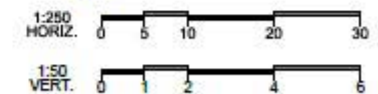
## PLAN AND PROFILE

ACCESS ROAD  
from STA. 7+000 to STA. 7+160

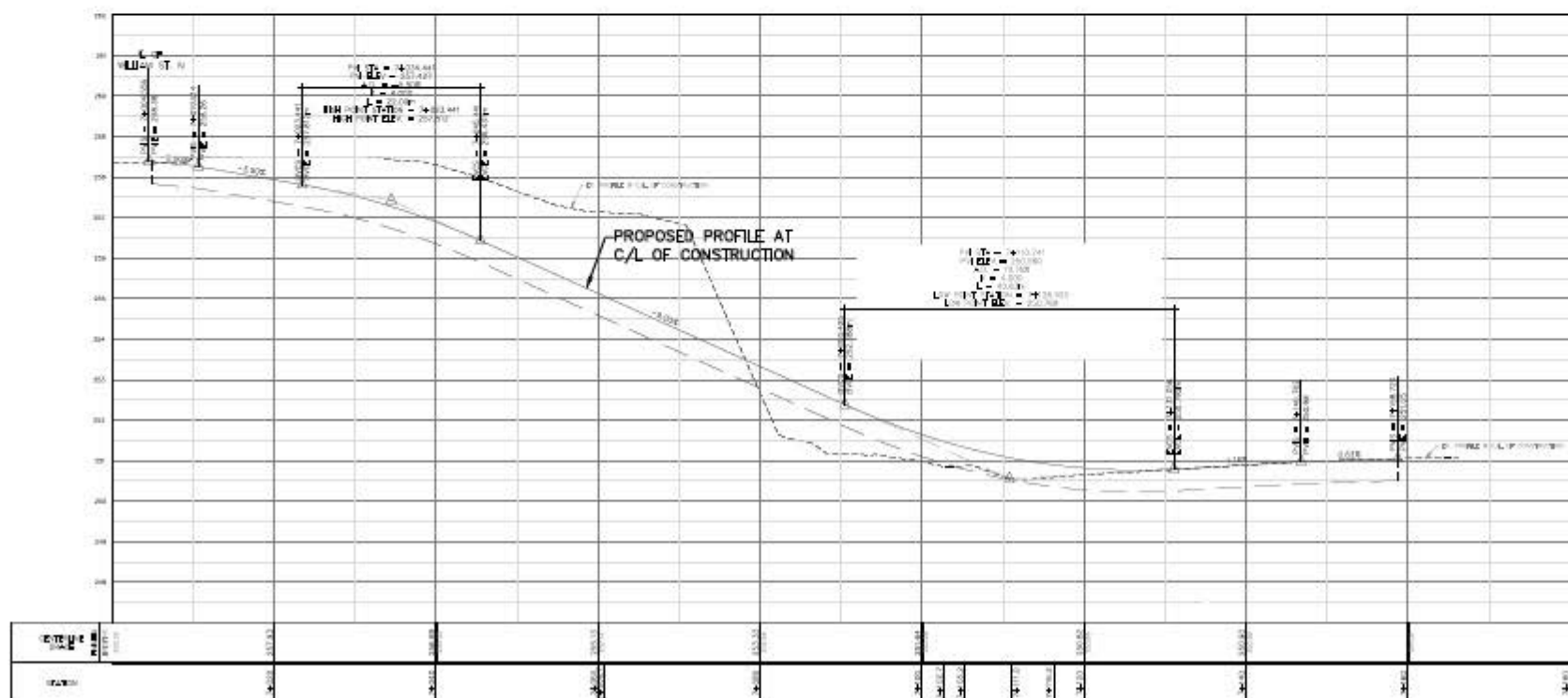
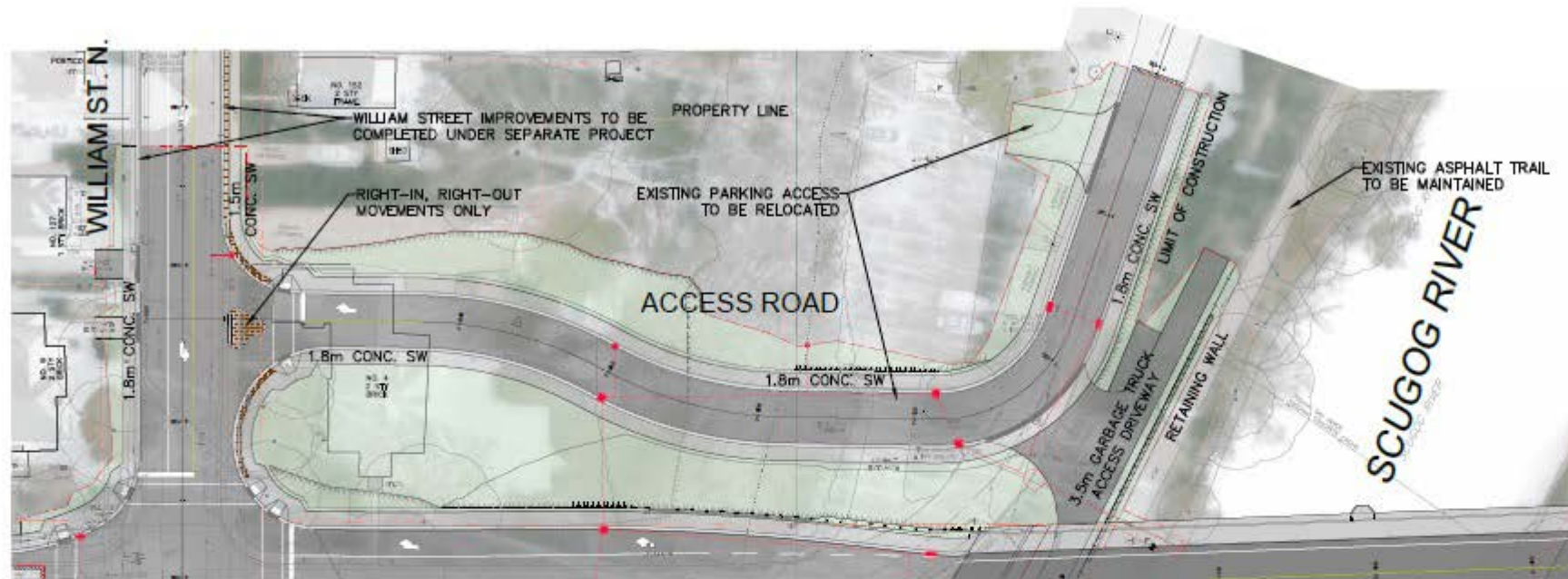


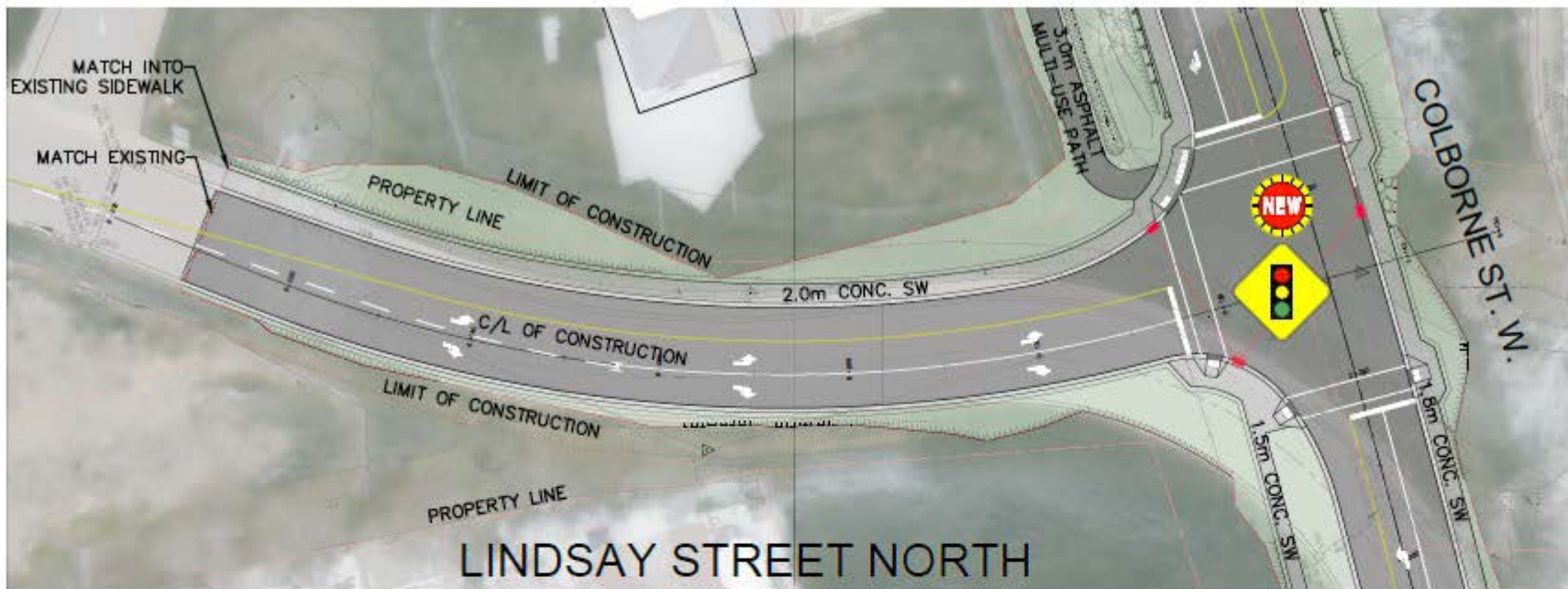
### LEGEND

- EXISTING MAINTENANCE HOLE
- EXISTING CATCH BASIN
- EXISTING WATERMAIN
- LIMIT OF CONSTRUCTION
- PROPERTY LINE
- EXISTING STORM
- PROPOSED STORM
- PROPOSED MAINTENANCE HOLE
- PROPOSED CATCH BASIN
- PROPOSED CURB & GUTTER
- PROPOSED CONCRETE SIDEWALK
- PROPOSED ASPHALT ROADWAY
- GRAVEL DRIVEWAY
- SOD
- PROPOSED TACTILE PLATES
- PROPOSED SIGNALIZED INTERSECTION



2nd Floor - 415 Baseline Road West, Bowmanville, ON L1C 5M2  
Phone: 905-697-4454 [www.cim.ca](http://www.cim.ca)





# COLBORNE STREET RECONSTRUCTION

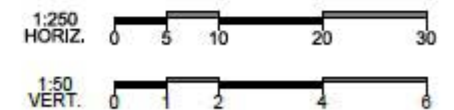
## PLAN AND PROFILE

LINDSAY STREET  
from STA. 6+000 to STA. 6+150

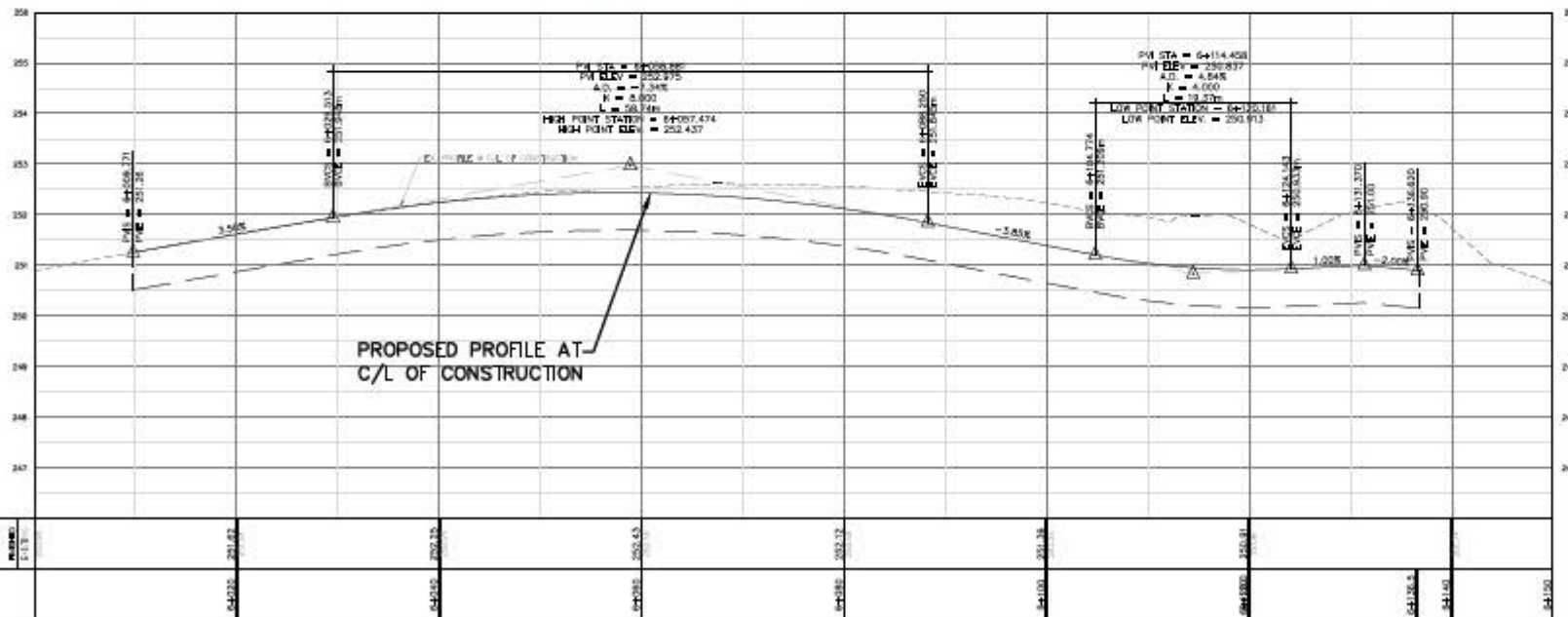


### LEGEND

- EXISTING MAINTENANCE HOLE
- EXISTING CATCH BASIN
- EXISTING WATERMAIN
- LIMIT OF CONSTRUCTION
- PROPERTY LINE
- EXISTING STORM
- PROPOSED STORM
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- SOD
- PROPOSED TACTILE PLATES
- PROPOSED SIGNALIZED INTERSECTION



2nd Floor - 415 Baseline Road West, Bowmanville, ON L1C 5M2  
Phone: 905-697-4464 [www.cima.ca](http://www.cima.ca)







# DETAILED DESIGN OF THE COLBORNE STREET BRIDGE

## PIC FAQs

### **Question: Why is this new bridge over the Scugog River required?**

The need for additional capacity was first recognized in 1960 and later reconfirmed in the 1970's and 1980's. The 1994 Class Environmental Assessment (EA) Study and subsequent EA Amendment in 2000 recommended a Scugog River bridge crossing at Colborne Street.

The location of a new bridge along Colborne Street was determined through the Council Report (Scugog River Bridge Crossing) dated September 22, 2015. This report specified that a previously identified crossing demand threshold had been reached, triggering the need for additional capacity.

### **Question: Are you improving the road network within the City?**

Yes, since the need for additional capacity has been identified. Providing a new continuous link within the existing cross-town arterial road network will provide present/future relief to traffic congestion while, maximizing the use of the existing road network.

### **Question: Why is a tied arch bridge preferred over other conventional bridge types?**

Tied arch bridges are often favored over other conventional bridge types, such as beam or truss bridges, due to their unique combination of strength, high aesthetics, and efficiency to span longer distances.

As the Colborne Street Bridge will be located near Downtown Lindsay in a highly visible area over Scugog River within the Trent-Severn National Historic sites, which is frequented by a high volume of trail and waterway users, this arch bridge will represent an iconic structure for the City of Kawartha Lakes. The highly aesthetic arch bridge will be very sympathetic to the cultural heritage of the historic Trent-Severn Waterway.

### **Question: Are pedestrian facilities across the new bridge being provided?**

Yes, the new bridge will include a two (2) metre-wide sidewalk on either side of the bridge and applicable facilities on the approaches.

### **Question: What intersection improvements on the east and west approaches are completed as part of this project?**

To facilitate the forecasted traffic volumes across the new bridge, signalized intersections will be installed along Colborne Street at Willaim Street North and Lindsay Street North as part of the proposed works. These intersections will also include dedicated turning lanes to improve their overall capacity.

### **Question: Will access to the existing north-south portion of Colborne Street, to Pottinger Street, be maintained?**

A new access road, to the north of Colborne Street, off William Street North will be completed as part of the proposed works. This access road is to include pedestrian facilities.

### **Question: When is construction planned?**

Based on the anticipated tendering date and pending budget approval by Council, construction is planned for Late 2026 and is expected to be completed in 2028.