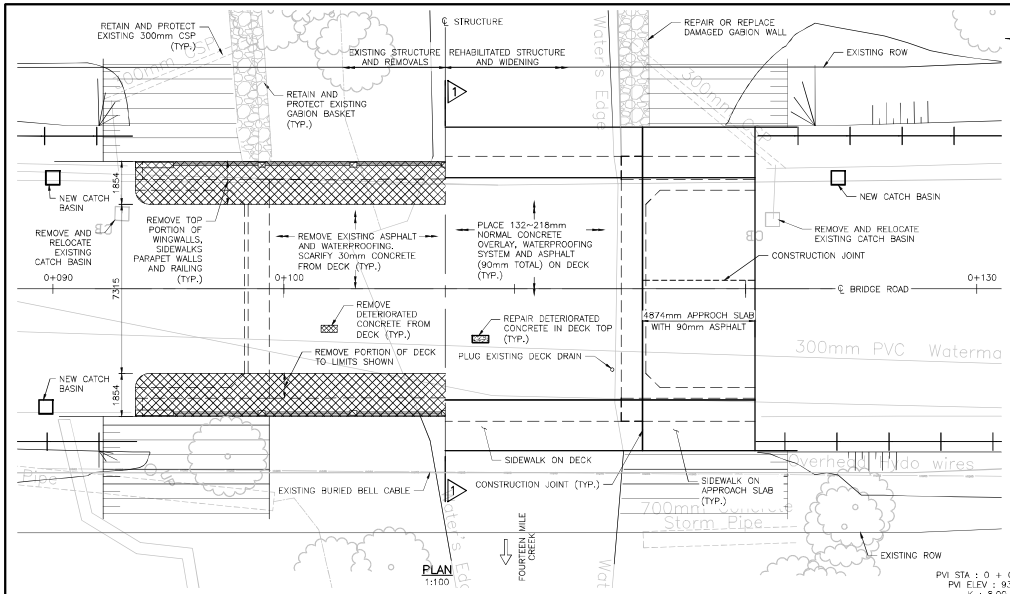
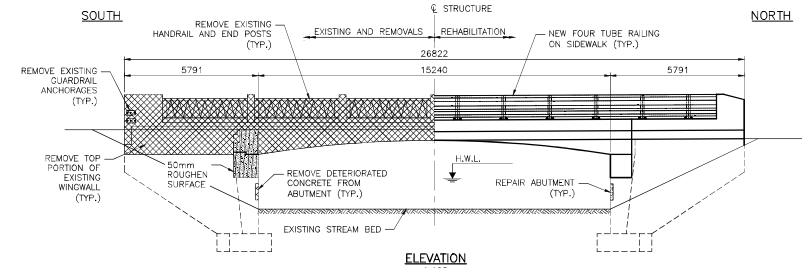
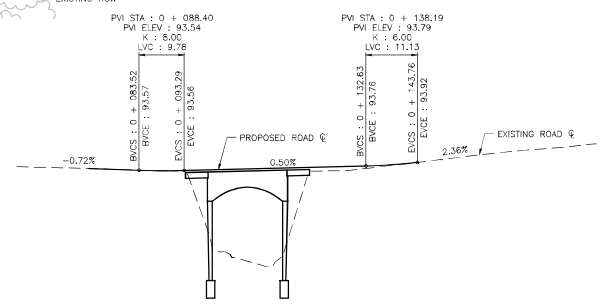


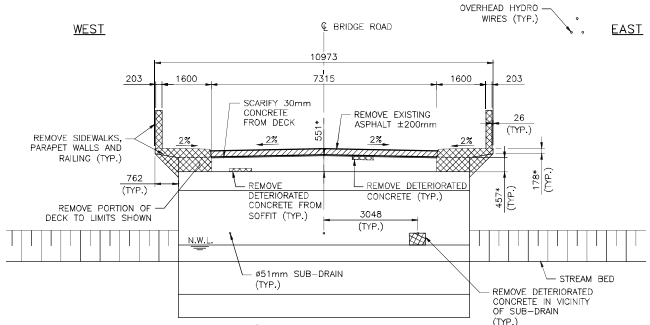

PLAN
1:100



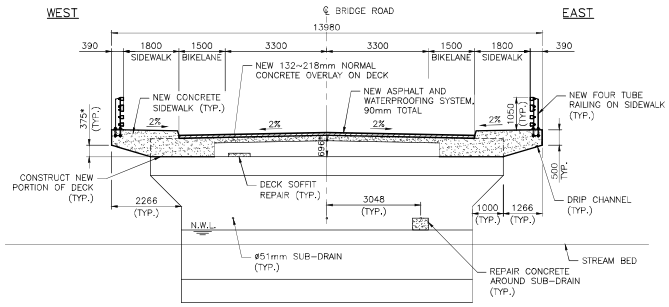

ELEVATION
1:100




PROFILE OF BRIDGE RD
N.T.S.




1 EXISTING/REMOVAL
1:75
* DIMENSION TO BE FIELD VERIFIED




1 REHABILITATION – WIDENING
1:75
* DIMENSION TO BE FIELD VERIFIED

FOR CONSTRUCTION

## REFERENCE DRAWINGS AND DOCUMENTS

1. DETAILS OF THE EXISTING BRIDGE HAVE BEEN DERIVED FROM THE ORIGINAL CONSTRUCTION DRAWINGS, TOWNSHIP OF TRAFALGAR – STRUCTURE NO. 52, LOT 23 CON. 3 S.D.S., PLAN NO. 58109–2, 3, 4.
2. DETAILED DECK CONDITION SURVEY REPORT. DATED MARCH, 2011. BY AECOM.
3. DETAILED UPDATED CONDITION SURVEY OF SITE NO. 903004 BRIDGE ROAD OVER FOURTEEN MILE CREEK. DATED APRIL, 2018. BY ORBIT.

## LIST OF DRAWINGS

1. GENERAL ARRANGEMENT
2. CONSTRUCTION STAGING
3. REMOVAL DETAILS
4. REHABILITATION DETAILS 1
5. REHABILITATION DETAILS 2
6. CONCRETE REPAIR AND STANDARD DETAILS
7. CONCRETE END WALL FOR BOX BEAM RAILING
8. FOUR TUBE RAILING ON SIDEWALK
9. APPROACH SLAB
10. ENVIRONMENT PROTECTION

## APPLICABLE STANDARD DRAWINGS

| | |
|---|---|
| OPSD–3419.100 | BARRIERS AND RAILINGS – STEEL BEAM GUIDE RAIL AND CHANNEL ANCHORAGE |
| OPSD–3370.100 | DECK WATERPROOFING HOT APPLIED ASPHALT MEMBRANE WITH PROTECTION BOARD |
| OPSD–3370.101 | DECK WATERPROOFING HOT APPLIED ASPHALT MEMBRANE AT ACTIVE CRACKS GREATER THAN 2mm WIDE AND CONSTRUCTION JOINTS |
| OPSD–3390.100 | DECK, DRIP CHANNEL |

## GENERAL NOTES

1. CLASS OF CONCRETE
   ALL CONCRETE.....35 MPa
   (UNLESS NOTED OTHERWISE)
2. CLEAR COVER TO REINFORCING STEEL:
   DECK – TOP.....70±20mm
   BOTTOM.....50±10
   REMAINDER.....70±20mm
   UNLESS OTHERWISE SPECIFIED
3. REINFORCING STEEL:
   –ALL REINFORCING STEEL SHALL BE GRADE 400W UNLESS OTHERWISE SPECIFIED.
   –UNLESS SHOWN OTHERWISE, TENSION LAP LENGTHS NOT INDICATED ON THE CONTRACT DRAWINGS SHALL BE CLASS B.
   –BAR HOOKS SHALL BE MINIMUM LENGTH AND STIRRUPS SHALL HAVE MINIMUM HOOKS, UNLESS INDICATED OTHERWISE.

## CONSTRUCTION NOTES

1. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, DETAILS AND ELEVATIONS OF THE EXISTING STRUCTURE THAT ARE RELEVANT TO THE WORK SHOWN ON THE DRAWINGS PRIOR TO COMMENCEMENT OF THE WORK. ANY DISCREPANCIES SHALL BE REPORTED TO THE CONTRACT ADMINISTRATOR PRIOR TO PROCEEDING WITH REHABILITATION AND WIDENING WORK.
2. TYPICAL AREAS OF REPAIRS ARE INDICATED ON THE DRAWINGS WHERE REPAIR LIMITS ARE NOT SHOWN, LIMITS SHALL BE IDENTIFIED BY THE CONTRACT ADMINISTRATOR.
3. ALL CROSSFALLS ON DECK AND APPROACH SLABS SHALL BE ESTABLISHED BY THE CONTRACTOR TO MATCH EXISTING UNLESS NOTED OTHERWISE.
4. LOCATIONS OF THE EXISTING UTILITY DUCTS SHOWN ON THE DRAWINGS ARE APPROXIMATE AND SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR.
5. ANY DAMAGE DURING CONSTRUCTION TO THE EXISTING STRUCTURE, UTILITIES AND ADJACENT PROPERTIES NOT DESIGNATED FOR REPAIR, SHALL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE CONTRACT ADMINISTRATOR AT NO COST TO THE OWNER.
6. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ADEQUATE PROTECTION OF ALL UTILITIES, SERVICES, ROADWAYS, ETC., DURING CONSTRUCTION OPERATIONS.


IBI GROUP
100-175 Galaxy Boulevard
Toronto ON M9W 0C9 Canada
tel 416 679 1930 fax 416 675 4620
ibigroup.com


| No. | Date | By | Revisions |
|---|---|---|---|
| | | | |

| | | | |
|---|---|---|---|
| Design | RW | Chk'd | EPB |
| Drawn | AMS | Chk'd | |

Date: August 2013
Scale: AS SHOWN
References
Approvals
Municipal
Field Notes
D. M. COATZI, P.Eng., Director of Engineering and Construction
Bell ☐ Hydro ☐ Gas ☐ Cable ☐ Traf. ☐ Water ☐
Stamp
Stamp
Municipality
OAKVILLE
Town of Oakville
Department of Engineering and Construction
Title
# BRIDGE ROAD BRIDGE REHABILITATION
## GENERAL ARRANGEMENT
Municipal Drawing No.
Digital File Name
Contract No. ——
Sheet 11 of 22

Dimensions in millimeters unless otherwise noted.
metric.

DRAWING NAME: \\canecast.ibigroup.com\U1\CV\B4903.0288.01\3.9 Drawing\9Bridge\V1_Bridge_R14_gn.dwg
CREATED:
MODIFIED: AKELSH,SHRAZI May 21, 2019