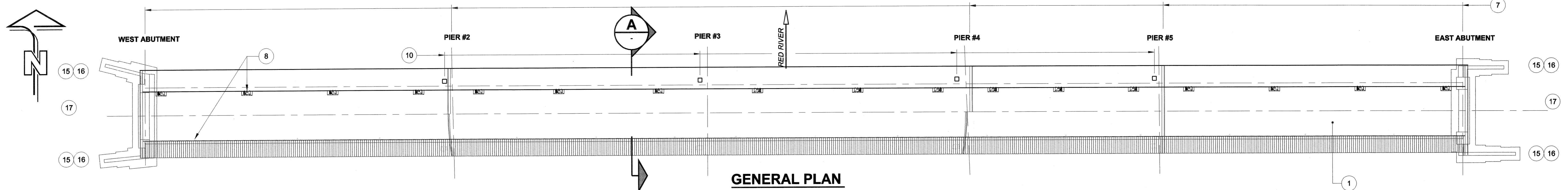
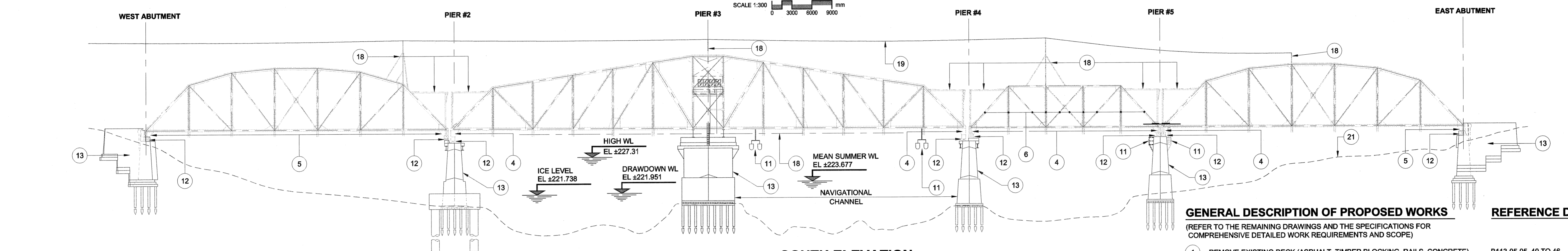


D SIZE 22" x 34" (559mm x 864mm)



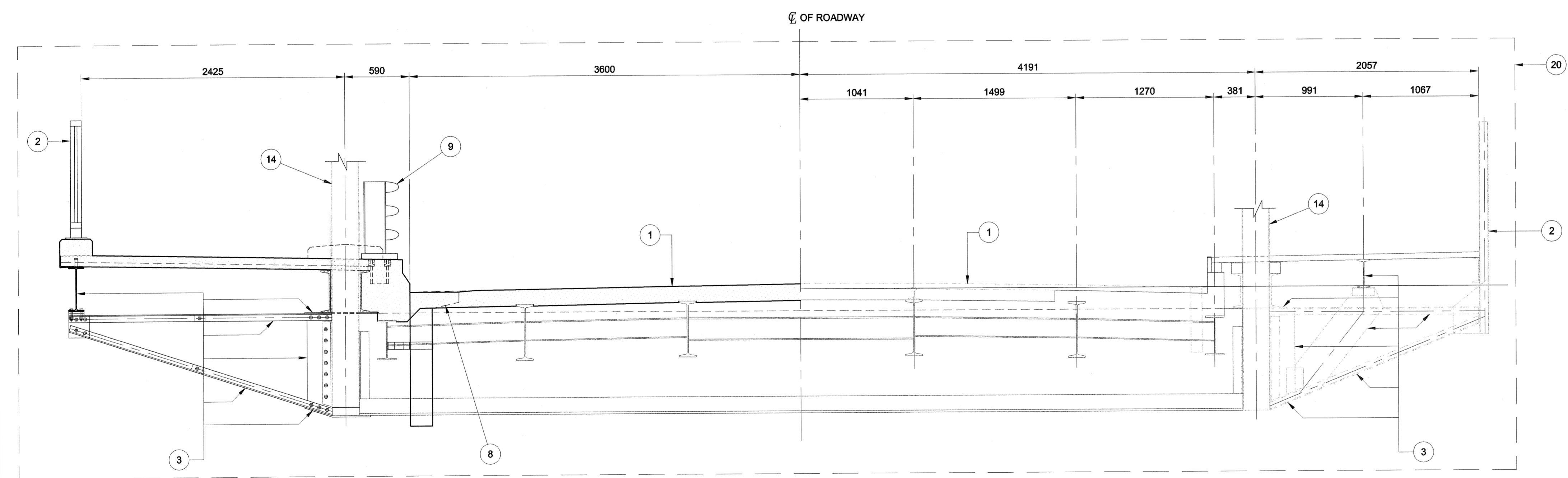
GENERAL PLAN

SCALE 1:300
0 3000 6000 9000



SOUTH ELEVATION

SCALE 1:300
0 3000 6000 9000



PROPOSED

SECTION A

SCALE 1:25
0 250 500 750

EXISTING

PROPOSED AND EXISTING TYPICAL SYMMETRICAL ABOUT CENTRE LINE OF ROADWAY

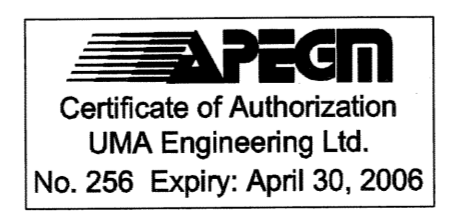
GENERAL DESCRIPTION OF PROPOSED WORKS

(REFER TO THE REMAINING DRAWINGS AND THE SPECIFICATIONS FOR COMPREHENSIVE DETAILED WORK REQUIREMENTS AND SCOPE)

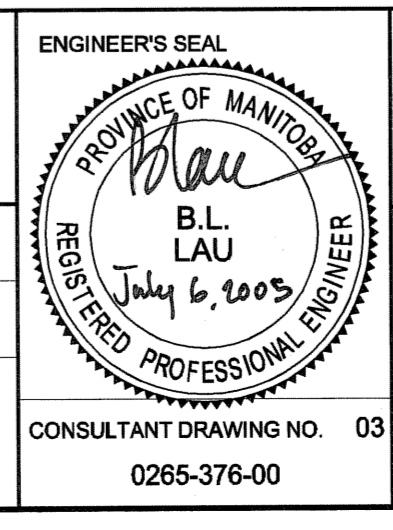
- | | |
|---|---|
| <ol style="list-style-type: none"> 1 REMOVE EXISTING DECK (ASPHALT, TIMBER BLOCKING, RAILS, CONCRETE), GUTTER, CURB AND TIMBER SIDEWALKS AND INSTALL NEW CONCRETE DECK, GUTTER, CURBS AND SIDEWALKS. 2 REMOVE EXISTING PEDESTRIAN RAILINGS ON THE BRIDGE AND ON THE APPROACHES AND INSTALL NEW PEDESTRIAN RAILING ON THE BRIDGE AND ON THE APPROACHES. 3 REMOVE EXISTING SIDEWALK STEEL SUPPORT BRACKETS AND INSTALL NEW SIDEWALK SUPPORT BRACKETS AND NEW STEEL BEAMS. 4 REMOVE EXISTING END FLOOR BEAMS AND INSTALL NEW END FLOOR BEAMS (5 LOCATIONS). 5 REMOVE END FLOOR BEAM STEEL BRACKETS AND INSTALL END FLOOR BEAM STEEL BRACKETS (3 LOCATIONS). 6 RELOCATE TRUSSES BETWEEN PIER #4 AND PIER #5 150mm WEST. 7 INSTALL NEW EXPANSION JOINTS (5 LOCATIONS). 8 INSTALL NEW DECK DRAINS (34 LOCATIONS). 9 INSTALL NEW ALUMINUM BRIDGE SHOULDER BARRIERS. 10 INSTALL NEW HATCHES, LADDERS AND SAFETY RAILING SYSTEM. 11 REMOVE EXISTING CATWALK AT EAST SIDE OF PIER #5 AND INSTALL AT WEST SIDE OF PIER #5. REMOVE AND RE-INSTALL EXISTING NAVIGATION LIGHTS. 12 REMOVE EXISTING BEARINGS AND INSTALL NEW BEARINGS (16 LOCATIONS). 13 REPAIRS AND ENCASMENT EXTENSION ON PIERS AND ABUTMENTS. EAST ABUTMENT RETAINING WALLS. 14 SURFACE PREPARATION AND COATING OF EXISTING STRUCTURAL STEEL (OPTION I AND OPTION II). 15 REMOVE AND RELOCATE EXISTING ALUMINUM BALANCED BARRIER, INSTALL NEW ALUMINUM BALANCED BARRIER, CONCRETE BARRIER CURB AT EAST AND WEST APPROACHES. 16 REMOVE EXISTING SIDEWALKS AND APPROACHES AND INSTALL NEW CONCRETE SIDEWALKS. 17 INSTALL NEW ASPHALT OVERLAY ON APPROACH ROADWAYS. 18 REMOVE ALL DRIVE SHAFTS AND CABLE SUPPORT STRUCTURES. 19 REROUTING BRIDGE LIGHTING AND COMMUNICATION CABLE/CONDUIT AND REMOVE UNUSED CABLING AND DEVICE BOXES. 20 ENVIRONMENTAL, NAVIGATION AND PROPERTIES PROTECTION PROVIDED BY CONTAINMENT PLATFORMS, ENCLOSURES ETC. 21 LARGE STONE RIP RAP AT EAST ABUTMENT | <p>REFERENCE DRAWINGS</p> <p>B113-05-05, 40 TO 46</p> <p>B113-05-54, 55, 56</p> <p>B113-05-33 TO 39</p> <p>B113-05-28 TO 31</p> <p>B113-05-29, 26, 32</p> <p>B113-05-05, 23, 24
B113-05-48</p> <p>B113-05-47</p> <p>B113-05-50 TO 54
B113-05-43, 57</p> <p>B113-05-18, 69</p> <p>B113-05-20 TO 24</p> <p>B113-05-07 TO 19</p> <p>B113-05-58, 59</p> <p>B113-05-70 TO 74</p> <p>B113-05-05</p> <p>B113-05-70 TO 74
B113-05-03</p> <p>B113-05-69</p> <p>B113-05-03</p> <p>B113-05-03</p> |
|---|---|

NOTE:
ALL DIMENSIONS SHOWN ON THE DRAWINGS ARE BASED ON AVAILABLE INFORMATION AND RECORD DRAWINGS. THE CONTRACTOR SHALL FIELD MEASURE AND VERIFY ALL DIMENSIONS PRIOR TO COMMENCING CONSTRUCTION OR PRIOR TO PREPARATION OF SHOP DRAWINGS. THE CONTRACTOR SHALL MAKE THE APPROPRIATE ADJUSTMENTS TO THE APPLICABLE DETAILS AND DIMENSIONS ACCEPTABLE TO THE CONTRACT ADMINISTRATOR. THE CONTRACTOR SHALL THEN FABRICATE AND CONSTRUCT THE WORKS IN ACCORDANCE WITH THE CORRECTED DIMENSIONS.

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES



UMA UMA Engineering Ltd. <small>* Consulting * Engineering * Construction * Management Services</small>	
DESIGNED BY: BLL	CHECKED BY: SBB
DRAWN BY: DL	APPROVED BY: <i>BUS</i>
HOR. SCALE: AS SHOWN	ACCEPTED BY: <i>M...</i>
VERT. SCALE: AS SHOWN	DATE: 2005-07-07
NO. REVISIONS	DATE
0 ISSUED FOR CONSTRUCTION 05/07/05 MP	
NO. REVISIONS	DATE



THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

REDWOOD BRIDGE
REHABILITATIVE MAINTENANCE AND
RELATED WORKS

LIMITS OF WORK AND LOCATION OF
PROPOSED NEW WORK

CITY DRAWING NUMBER B113-05-03
SHEET 03 OF 74
REV 0

Bid Opportunity No. 257-2005

PLOT SCALE 1"=1' 02/28/05 10:03 AM AutoCAD/Plot/1:1 Working Drawings/0265-356-03 01-3-0003_RX.cwg 2005-08-20 10:27 AM CCC