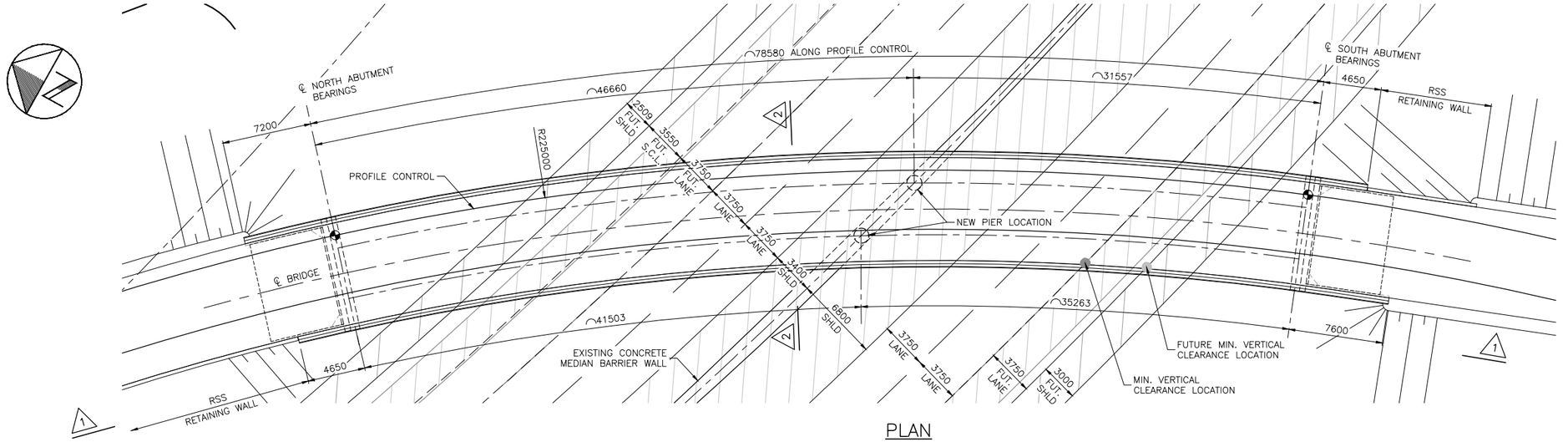
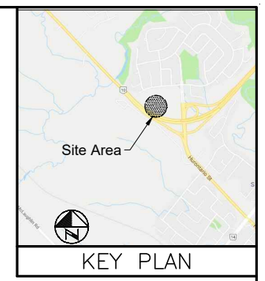
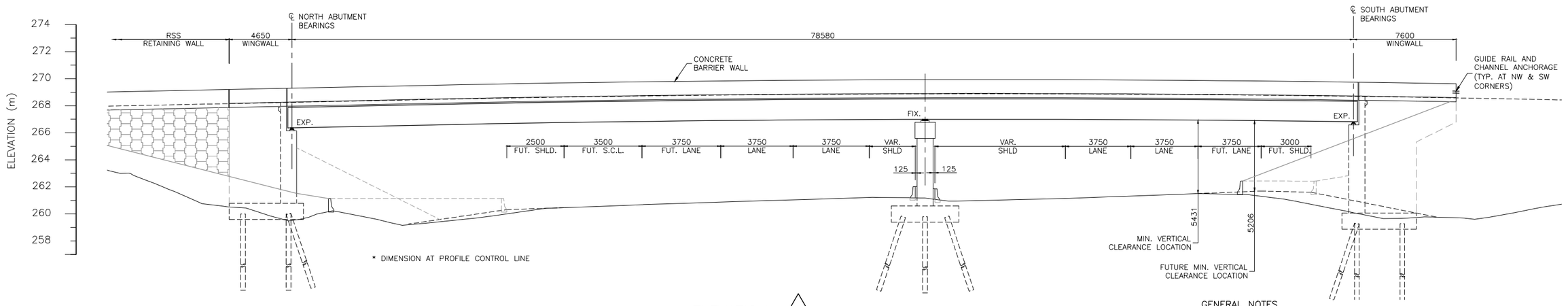


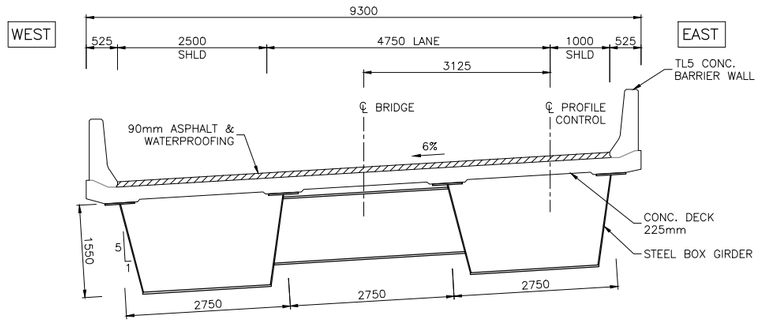
PLAN
SCALE 1:200



KEY PLAN



ELEVATION 1
SCALE 1:150



SECTION 2
SCALE 1:50

GENERAL NOTES

1. CONCRETE:
   - CONCRETE SHALL BE CLASS 30 MPa UNLESS NOTED OTHERWISE.
2. CLEAR COVER TO REINFORCING STEEL:
   - FOOTING 100 ± 25
   - ABUTMENTS & WINGWALLS 70 ± 20
   - DECK TOP 70 ± 20
   - DECK BOTTOM 40 ± 10
   - PIER CAPS 70 ± 20
   - REMAINDER 70 ± 20 UNLESS OTHERWISE NOTED
3. REINFORCING STEEL:
   - REINFORCING STEEL SHALL BE GRADE 400W UNLESS OTHERWISE SPECIFIED.
   - UNLESS SHOWN OTHERWISE, TENSION LAP SPLICES FOR BLACK OR STAINLESS REINFORCING STEEL BARS SHALL BE CLASS B.
   - STAINLESS REINFORCING STEEL SHALL BE TYPE 316LN OR DUPLEX 2205 AND HAVE A MINIMUM YIELD STRENGTH OF 500 MPa, UNLESS OTHERWISE SPECIFIED.
   - BAR MARKS WITH PREFIX 'S' DENOTE STAINLESS STEEL BARS.
   - GLASS FIBRE REINFORCED POLYMER REINFORCING BARS SHALL BE GRADE III AS SPECIFIED IN THE CONTRACT DRAWINGS. THE NOMINAL DIAMETER, TENSILE MODULUS OF ELASTICITY AND GUARANTEED MINIMUM TENSILE STRENGTH SHALL BE AS SPECIFIED IN THE CONTRACT DOCUMENTS.
   - BAR MARKS WITH THE PREFIX GIII DENOTE GRADE III GLASS FIBRE REINFORCED POLYMER BARS.
   - BAR HOOKS SHALL HAVE STANDARD HOOK DIMENSIONS USING MINIMUM BEND DIAMETERS, WHILE STIRRUPS AND TIES SHALL HAVE MINIMUM HOOK DIMENSIONS. ALL HOOKS SHALL BE IN ACCORDANCE WITH THE STRUCTURAL STANDARD DRAWINGS SS12-1, UNLESS INDICATED OTHERWISE.

No	Date	Drawn	Appr'd	Revisions

APPROVALS

Design		Checked	
Drawn		Checked	
Scale	AS SHOWN		
Date	NOVEMBER 2018		

PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION

McLAUGHLIN RD. & SPINE RD.
CLASS EA
E/W-N RAMP FLYOVER

GENERAL ARRANGEMENT

wood.

Contract No.

Consultant File No. TPB166090

Drawing No.

SHEET OF

Plotted: 2019-06-13
Last Saved: 2019-05-17
Plotted By: dante.shawil
Last Saved By: mariusz.eizenbart
Path: P:\2016\Projects\TPB166090 - Coledon McLaughlin Road\06_DES-ENG\01_CAD\02_DWGS\03_STRUC\02_CONT\TPB166090-S1.dwg