

Appendix **N**

Preliminary General Arrangement

GENERAL NOTES:

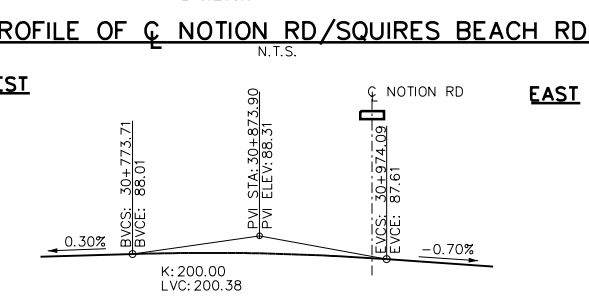
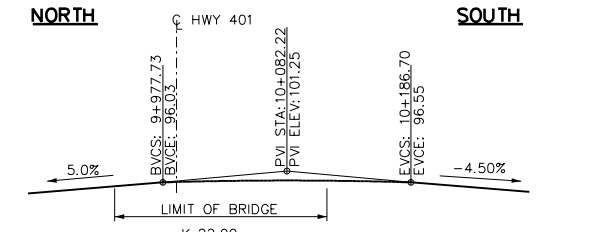
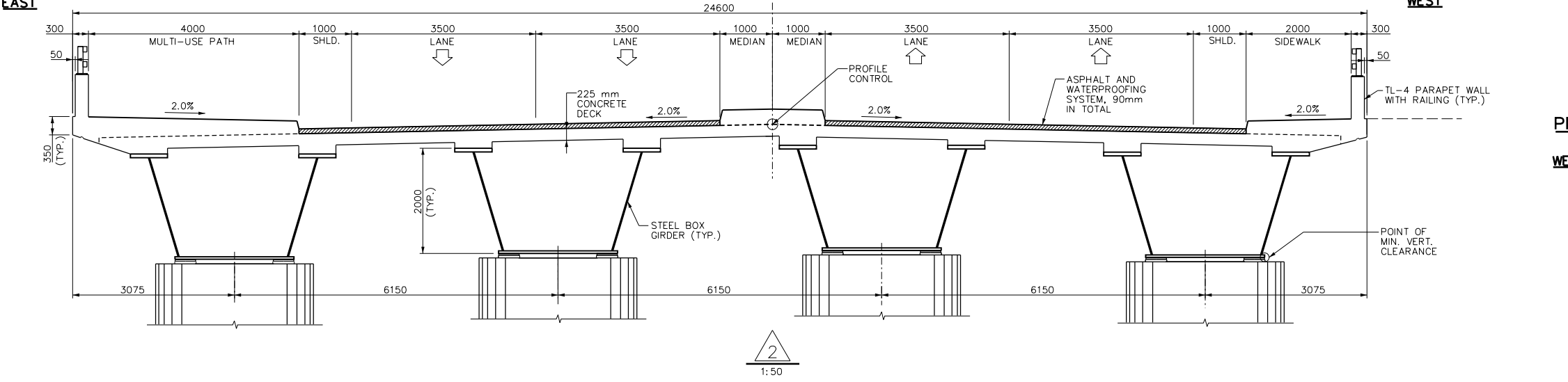
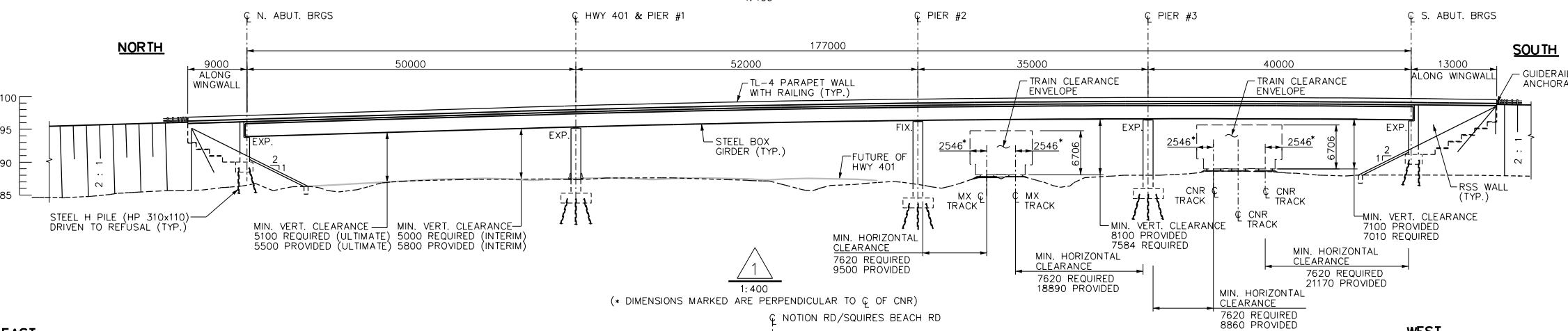
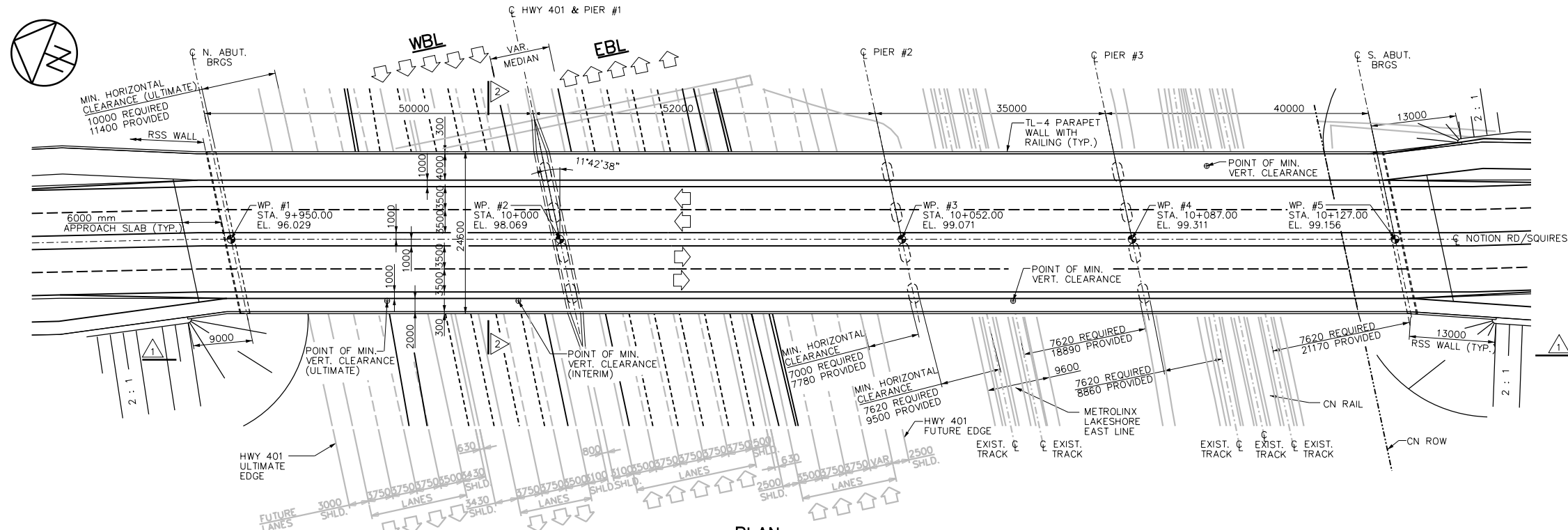
- CLASS OF CONCRETE:
 - DECK SLAB.....30 MPa
 - REMAINDER.....30 MPa
 - UNLESS NOTED OTHERWISE
- CLEAR COVER TO REINFORCING STEEL:
 - FOOTINGS.....100±25
 - DECK - TOP.....70±20
 - BOTTOM.....40±10
 - REMAINDER.....70±20
 - UNLESS NOTED OTHERWISE.
- REINFORCING STEEL:
 - REINFORCING STEEL SHALL BE GRADE 400W UNLESS OTHERWISE SPECIFIED.
 - BAR MARKS WITH PREFIX 'S' DENOTE STAINLESS STEEL BARS.
 - STAINLESS REINFORCING STEEL BARS SHALL BE TYPE 316LN OR DUPLEX 2205 AND HAVE MINIMUM YIELD STRENGTH OF 500 MPa.
 - UNLESS SHOWN OTHERWISE TENSION LAP SPLICES SHALL BE CLASS B.
 - 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 'G' 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 DRAWING SS12-1 UNLESS INDICATED OTHERWISE.

LIST OF ABBREVIATIONS

- ABUT. DENOTES ABUTMENT
- BRGS. DENOTES BEARINGS
- MIN. DENOTES MINIMUM
- N. DENOTES NORTH
- N.T.S. DENOTES NOT TO SCALE
- S. DENOTES SOUTH
- SHLD DENOTES SHOULDER
- TYP. DENOTES TYPICAL
- VAR. DENOTES VARIES
- VERT. DENOTES VERTICAL

APPLICABLE STANDARD DRAWINGS

- OSPD 3101.150 WALLS ABUTMENT, BACKFILL MINIMUM GRANULAR REQUIREMENT
- OSPD 3370.100 DECK, WATERPROOFING HOT APPLIED ASPHALT MEMBRANE WITH PROTECTION BOARD
- OSPD 3370.101 DECK, WATERPROOFING HOT APPLIED ASPHALT MEMBRANE AT ACTIVE CRACKS GREATER THAN 2mm WIDE AND CONSTRUCTION JOINTS
- OSPD 3390.100 DECK, DRIP CHANNEL
- OSPD 3419.100 BARRIER AND RAILING, STEEL GUIDERAIL AND CHANNEL ANCHORAGE
- MTOD 3941.210 FIGURES IN CONCRETE SITE NUMBER AND DATA LAYOUT
- OSPD 3950.100 JOINTS-CONCRETE EXPANSION AND CONSTRUCTION ON CONCRETE



NOTE: ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.

CADD FILE NAME : I:\Projects\1-60586464 -Durham\Line Notion\900-Work\910-CAD\03-BRIDGES\20-SHEETS\Notion RD\Notion Road_A1.dwg

| UTILITIES VERIFIED | |
|--------------------|------------|
| CABLE T.V. | 200X XX XX |
| BELL CANADA | 200X XX XX |
| ENBRIDGE GAS | 200X XX XX |

CONTRACTOR TO BE RESPONSIBLE FOR LOCATION OF ALL EXISTING U/G & OVERHEAD UTILITIES. VARIOUS UTILITIES REQUIRE ADVANCE NOTICE PRIOR TO DIGGING, FOR STAKE OUT. THE REGION ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE LOCATION OF EXISTING UTILITIES AS INDICATED ON THIS DRAWING.

PRELIMINARY GENERAL ARRANGEMENT

| NO. | DATE | NAME | REVISIONS |
|-----|------|------|-----------|
| | | | |
| | | | |

| | |
|----------------|---------------|
| DRAWN: O.Z. | DATE: 2019 10 |
| DESIGN: T.K. | DATE: 2019 10 |
| CHECKED: S.S. | DATE: 2019 10 |
| APPROVED: D.C. | DATE: 2019 10 |

CITY OF PICKERING

CONTRACT NO. D200X-XXX

DRAWING NO. 1

SHEET - OF -

NOTION ROAD/SQUIRES BEACH ROAD
FROM STA. 9+950 TO STA. 10+127