

Cycling Advisory Committee

Report

3rd Meeting of the Cycling Advisory Committee
February 20, 2019
Committee Room #4

Attendance PRESENT: D. Doroshenko (Acting Chair), D. Foster, R. Henderson, J. Jordan, D. Szoller, M. Zunti and J. Bunn (Acting Secretary)

ABSENT: D. Mitchell, W. Pol and R. Sirois

ALSO PRESENT: K. Grabowski, Sgt. S. Harding, L. Maitland, A. Miller and S. Wilson

The meeting was called to order at 4:04 PM.

1. **Call to Order**

1.1 Disclosures of Pecuniary Interest

That it BE NOTED that no pecuniary interests were disclosed.

2. **Scheduled Items**

2.1 Thames Valley Parkway, North Branch Connection Project

That it BE NOTED that the attached presentation from C. Watson, Dillon Consulting Limited, with respect to the Thames Valley Parkway North Branch Connection Project, was received.

3. **Consent**

3.1 2nd Report of the Cycling Advisory Committee

That it BE NOTED that the 2nd Report of the Cycling Advisory Committee, from its meeting held on January 16, 2019, was received.

3.2 Notice of Planning Application - Zoning By-law Amendment - 945 Bluegrass Drive

That it BE NOTED that the Notice of Planning Application, dated February 6, 2019, from C. Lowery, Planner II, with respect to a Zoning By-law Amendment for the property located at 945 Bluegrass Drive, was received.

3.3 Notice of Planning Application - Zoning By-law Amendment - 1081 Riverside Drive

That it BE NOTED that the Notice of Planning Application, dated January 31, 2019, from N. Pasato, Senior Planner, with respect to a Zoning By-law Amendment for the property located at 1081 Riverside Drive, was received.

3.4 Notice of Planning Application - Official Plan and Zoning By-law Amendments - 1631-1649 Richmond Street

That it BE NOTED that the Notice of Planning Application, dated February 6, 2019, from C. Lowery, Planner II, with respect to Official Plan and Zoning By-law Amendments for the properties located at 1631-1649 Richmond Street, was received.

4. Sub-Committees and Working Groups

None.

5. Items for Discussion

5.1 Request for Funds

That the expenditure of \$300.00 from the 2019 Cycling Advisory Committee (CAC) budget BE APPROVED for R. Henderson to attend the 2019 Ontario Bike Summit Conference being held in Toronto on April 1 and 2, 2019; it being noted that R. Henderson will report back on the Conference at a future CAC meeting.

6. Deferred Matters/Additional Business

6.1 (ADDED) London Police Service Pamphlet

That the pamphlet, entitled "Drivers, Pedestrians, Cyclists - We're in this Together", submitted by Sgt. S. Harding, BE REFERRED to the next meeting of the Cycling Advisory Committee for further discussion and comments.

7. Adjournment

The meeting adjourned at 4:51 PM.



Project Background



The Thames Valley Corridor is London's *most important natural, cultural, recreational and aesthetic resource*. The river corridor is a complex system of sensitive ecological habitats, intensive public recreation areas and developed urban lands which are all interconnected by a municipal pathway system, the *Thames Valley Parkway (TVP)*.

- A Class Environmental Assessment was completed in July 2016 which selected the preferred route to connect the Thames Valley Parkway, from Richmond Street to Adelaide Street
- The preferred alignment includes two new pedestrian bridges over the Thames River
- Detailed Design was initiated in 2017
- Construction is anticipated to begin in late Spring 2019 and be completed in the Fall of 2020.

Design Overview

- Thames Valley Parkway (TVP) Extension:
 - Connects to existing TVP at Ross Park and North London Athletic Fields
 - Easements for the pathway have been provided by the Sisters of St. Joseph, Scouts Canada and Western University
 - Pathway includes an emergency access connection to Tetherwood Boulevard.
- Pedestrian Bridges:
 - Two new bridges will be constructed – at Ross Park and North London Athletic Fields
 - Both bridges are nearly identical designs, providing a consistent look and allowing for efficiencies in the design and construction approach
 - Pathway across the bridges is 4 m wide to provide a comfortable width for two directions of travel by cyclists, pedestrians and other users.
- An Environmental Impact Study (EIS) was completed as part of the Class Environmental Assessment (EA) process and commitments are being met. Throughout the design and construction planning phase, the design team has worked closely with staff from the Upper Thames River Conservation Authority (UTRCA) and City Ecologists. Their input has been incorporated into the plans.

Construction Overview

- Subject to receiving final permit/approvals and approval of Council, the schedule includes:**
- Tender – February/March 2019
 - Construction start – June 2019
 - Construction may continue over the winter of 2019/2020 or shut down for a period of time
 - Construction complete – anticipate October 2020.
- Construction highlights include:**
- A temporary access will be constructed from Windermere Road, along Scouts Canada and Western University property to provide access north of the river.
 - Construction traffic is only permitted on Tetherwood Boulevard to construct the emergency access pathway. The access will not be used as the primary access for construction vehicles entering the site.
 - The Contract includes measures to reduce impacts to the natural environment, including:
 - Minimize tree removals required
 - Exclusionary fencing to restrict wildlife from entering the construction area
 - Tree removals outside of the bird nesting season (April 1 to July 31)
 - Landscape plan to restore the area and compensate for trees and other vegetation removed
 - In-water work is not planned
 - Ecologist and landscape architect will be included on the construction administration team.

THAMES VALLEY PARKWAY NORTH BRANCH PROPOSED PLAN



SISTERS OF ST. JOSEPHS

SCOUTS CANADA

NORTH BRANCH PARK

WESTERN UNIVERSITY

NORTH LONDON ATHLETIC FIELDS

ROSS PARK

RICHMOND STREET

RAYMOND AVENUE

TETHERWOOD BOULEVARD

TVP

TVP

TVP

TVP

TVP

ROSS 1

ROSS 2

ROSS 3

NB-1

NB-1

NB-1

NB-2

NB-1

TVP

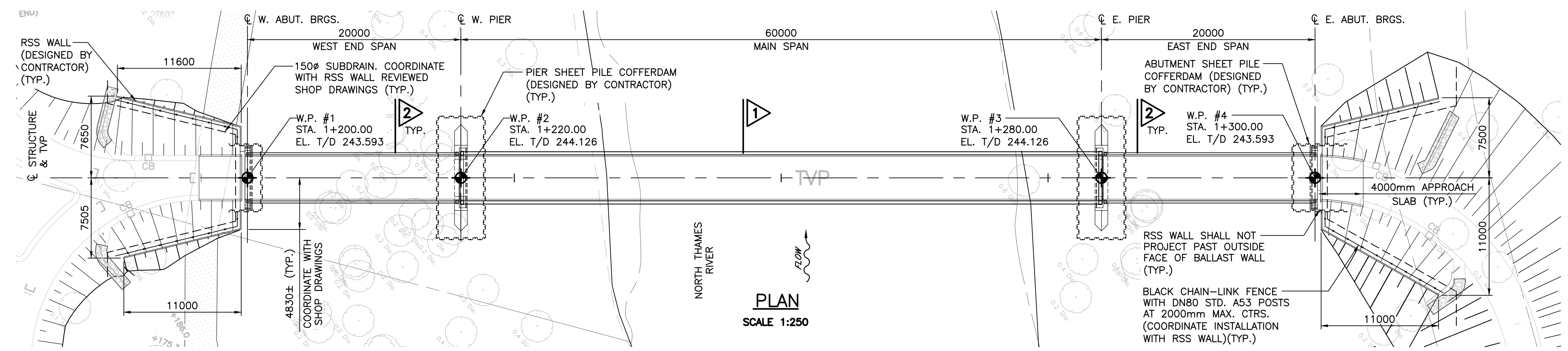
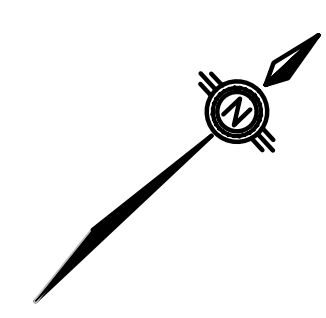
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AF-2

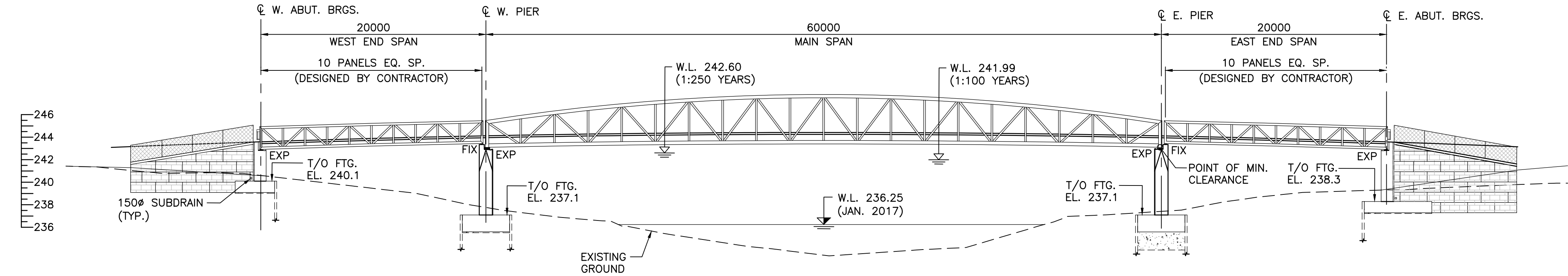
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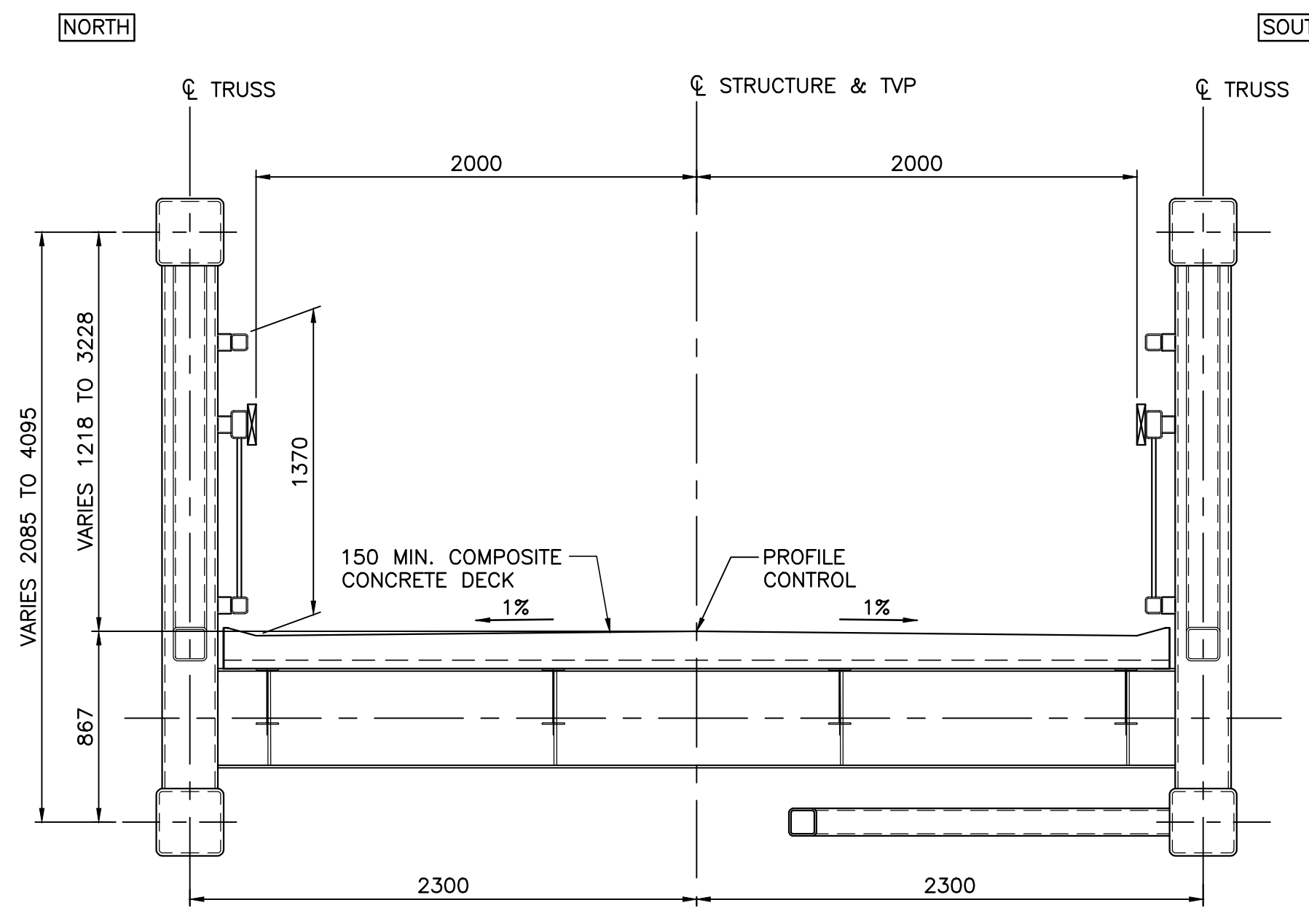
NORTH FOR CONSTRUCTION



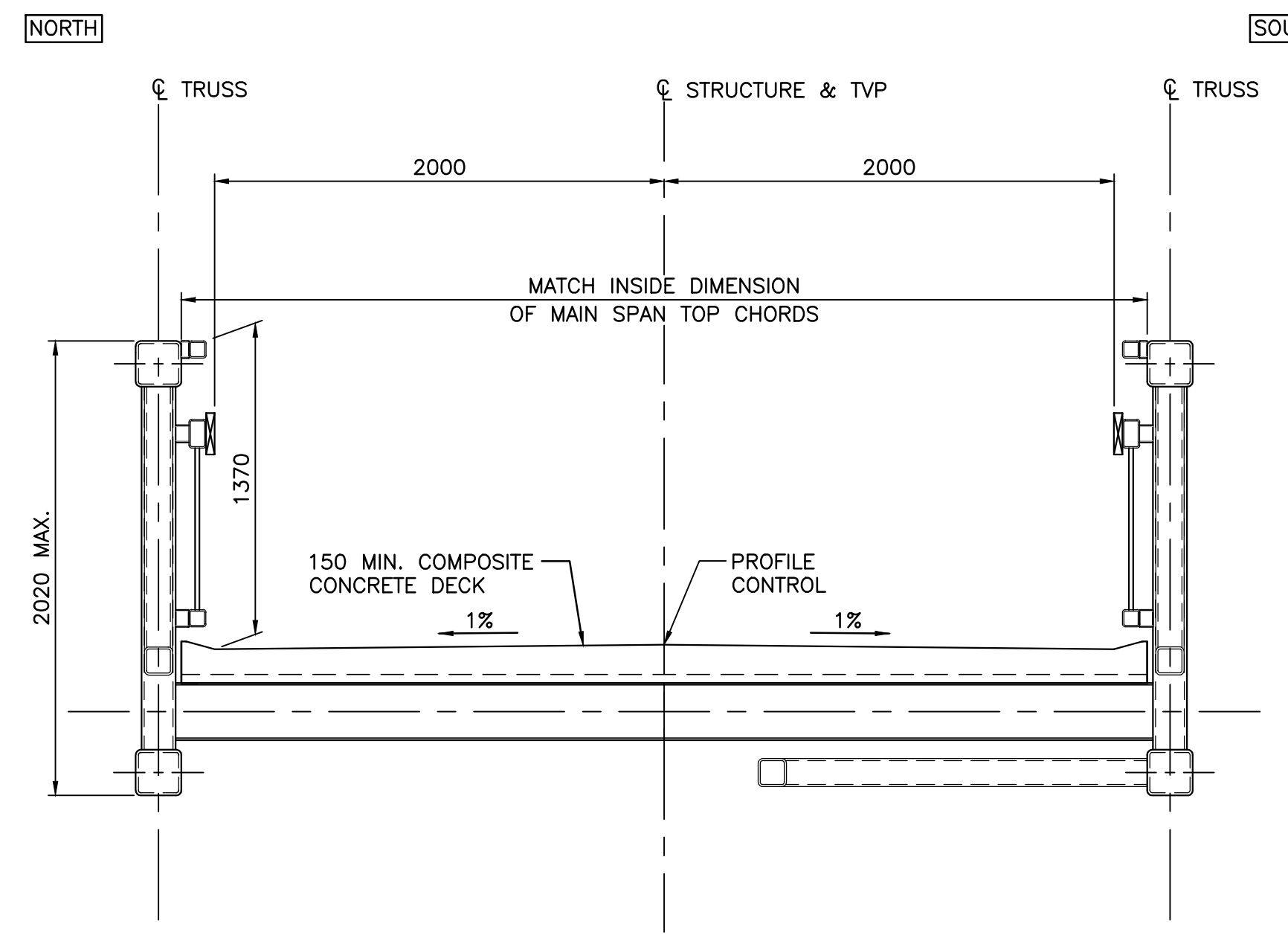
PLAN
SCALE 1:250



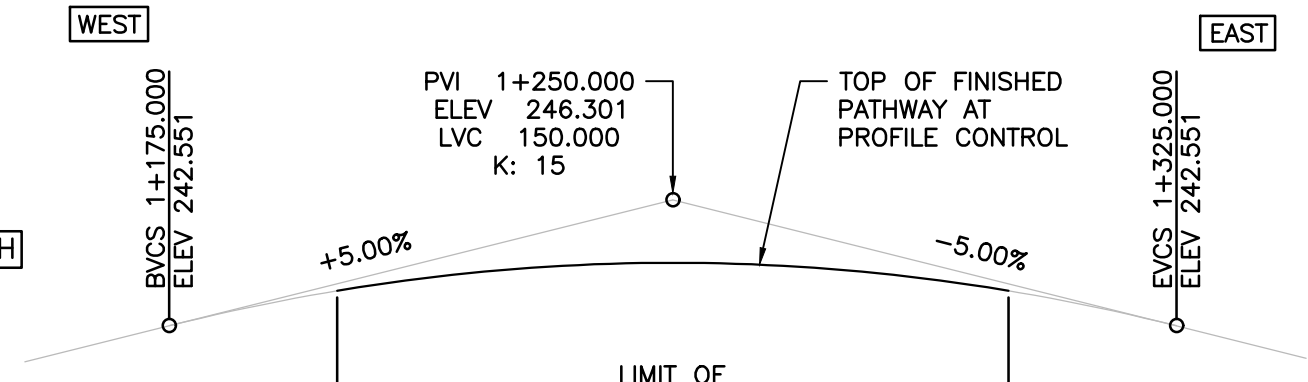
ELEVATION
SCALE 1:250



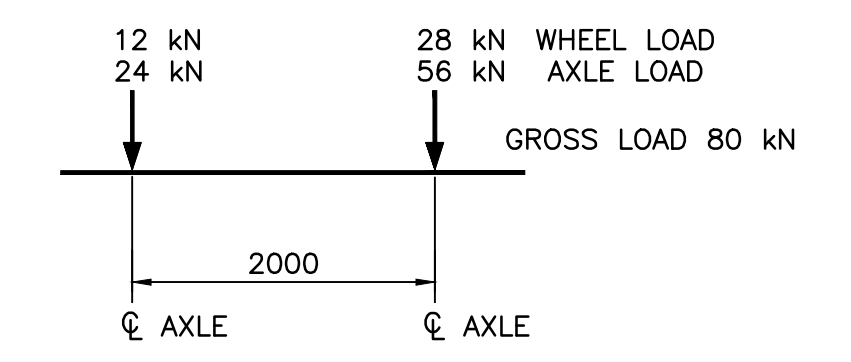
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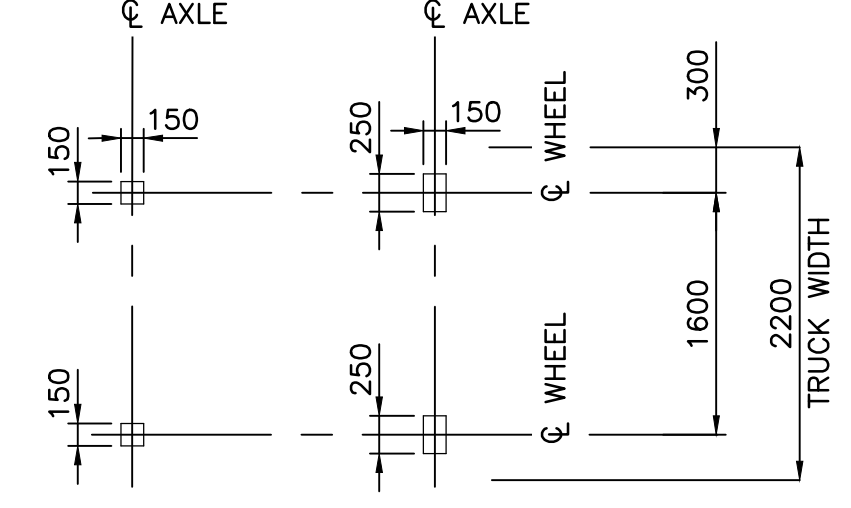
2
SCALE 1:25



VERTICAL PROFILE
N.T.S.



ELEVATION
SCALE 1:100



PLAN
MAINTENANCE VEHICLE LOAD
SCALE 1:100

GENERAL NOTES

- CLASS OF CONCRETE**
UNLESS OTHERWISE NOTED 35MPa, CLASS C-1
- CLEAR COVER TO REINFORCING STEEL**
FOOTINGS 100 ± 25
REMAINDER 70 ± 20 UNLESS OTHERWISE NOTED
- REINFORCING STEEL**
REINFORCING STEEL SHALL BE GRADE 400W. (UNLESS NOTED OTHERWISE)
BARS MARKED WITH PREFIX 'S' DENOTE STAINLESS STEEL BARS.
STAINLESS STEEL BARS SHALL BE TYPE 316 LN OR DUPLEX 2205 WITH A MINIMUM YIELD STRENGTH OF 500 MPa.
UNLESS SHOWN OTHERWISE, TENSION LAP SPLICES FOR REINFORCING STEEL BARS SHALL BE CLASS B.
BAR HOOKS SHALL HAVE STANDARD HOOK DIMENSIONS USING MINIMUM BEND DIAMETERS, WHILE STIRRUPS SHALL HAVE MINIMUM HOOK DIMENSIONS. ALL HOOKS SHALL BE IN ACCORDANCE WITH THE STRUCTURAL STANDARD DRAWING SS12-1, UNLESS INDICATED OTHERWISE.
- STRUCTURAL STEEL**
ALL STRUCTURAL STEEL SHALL CONFORM TO CSA STANDARD CAN/CSA-G40.20/G40.21 GRADE 350AT OR GRADE 350A. ALL HOLLOW STRUCTURAL SECTIONS SHALL BE CLASS C.
MEMBER SIZES WITH THE SUFFIX 'FC' ARE FRACTURE CRITICAL MEMBERS. THE CHARPY IMPACT REQUIREMENTS FOR FRACTURE CRITICAL MEMBERS SHALL BE 27 JOULES AND THE TEST TEMPERATURE SHALL BE -20°C FOR BASE METAL AND -30°C FOR WELD METAL.
MEMBER SIZES WITH THE SUFFIX 'PTM' ARE PRIMARY TENSION MEMBERS. THE CHARPY IMPACT REQUIREMENTS FOR PRIMARY TENSION MEMBERS SHALL BE 27 JOULES AND THE TEST TEMPERATURE SHALL BE 0°C FOR BASE METAL AND -30°C FOR WELD METAL.
ALL LENGTHS SHOWN ARE IN THE HORIZONTAL PLANE AND MEASURED AT 20°C.
THE CONTRACTOR SHALL ENSURE THE STABILITY OF ALL COMPONENTS DURING HANDLING, TRANSPORTATION AND ERECTION UNTIL THE STRUCTURAL STEEL IS IN ITS FINAL LOCATION WITH ALL PERMANENT BRACING, CONNECTIONS AND SUPPORTS IN PLACE.

UNLESS OTHERWISE NOTED THE MINIMUM FILLET WELD SHALL BE AS FOLLOWS:

MATERIAL THICKNESS OF THICKER PART JOINED (mm)	MINIMUM SIZE OF SINGLE PASS FILLET WELD (mm)
TO 12 INCLUSIVE	5
OVER 12 TO 20	6
OVER 20 TO 40	8
OVER 40 TO 60	10
OVER 60 TO 120	12

BRIDGE SUPERSTRUCTURES SHALL BE CAMBERED TO THE VERTICAL PROFILE SHOWN ON THIS SHEET AND SHALL INCLUDE AN ALLOWANCE FOR THE SUPERSTRUCTURE DEAD LOAD DEFLECTION.

THE ENDS OF TRUSSES AND VERTICALS SHALL BE TRULY VERTICAL UNDER FULL DEAD LOAD.

ALL BUTT WELDS IN TOP AND BOT. CHORD SHOP SPLICES SHALL BE MADE WITH COMPLETE JOINT PENETRATION GROOVE WELDS AND FINISHED FLUSH BY GRINDING WHERE NECESSARY IN THE DIRECTION OF APPLIED STRESS. ALL CHORD SPLICES SHALL BE IDENTIFIED TO THE CONTRACT ADMINISTRATOR.

ALL BOLTS SHALL BE ASTM A325 TYPE 3, 7/8" DIAMETER UNLESS OTHERWISE NOTED. BOLT THREADS SHALL BE EXCLUDED FROM THE SHEAR PLANES.

CONSTRUCTION NOTES

- THE CONTRACTOR SHALL ESTABLISH THE BEARING SEAT ELEVATIONS BY DEDUCTING THE ACTUAL BEARING THICKNESS FROM THE TOP OF BEARING SEAT ELEVATIONS. IF THE ACTUAL BEARING THICKNESSES ARE DIFFERENT FROM THOSE GIVEN WITH THE BEARING DESIGN DATA, THE CONTRACTOR SHALL ADJUST THE REINFORCING STEEL TO SUIT.
- RETAINED SOIL SYSTEM (RSS) WALLS SHALL HAVE THE FOLLOWING ATTRIBUTES:
APPLICATION WALL/SLOPE PERFORMANCE HIGH APPEARANCE HIGH
- THE LOCATION, DIMENSION AND ELEVATIONS OF THE ABUTMENT AND PIER BEARING PEDESTALS, BEARING SEATS AND BALLAST WALLS SHALL BE ADJUSTED TO COORDINATE WITH REVIEWED SUPERSTRUCTURE WORKING DRAWINGS.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS OF THE PROPOSED WORK AND ALL DETAILS ON SITE AND REPORT ANY DISCREPANCIES TO THE CONTRACT ADMINISTRATOR BEFORE PROCEEDING WITH THE WORK.
- NO IN-WATER WORK IS PERMITTED.

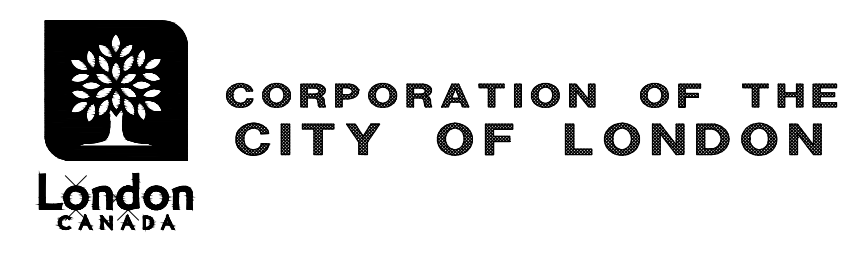
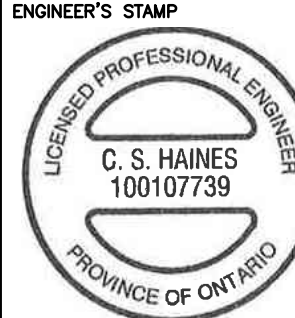
LIST OF APPLICABLE STANDARD DRAWINGS

OPSD 3101.150	WALLS, ABUTMENT, BACKFILL, MINIMUM GRANULAR REQUIREMENT
OPSD 3102.100	WALLS, ABUTMENT, BACKFILL DRAIN
OPSD 3290.100	PIERS CUTWATER ASSEMBLY

DRAWING NOT TO BE SCALED
100 mm ON ORIGINAL DRAWING

C:\projects\1641\176484-09-CA-CON.dwg

EXISTING SERVICES	DRAWING #, SOURCE	DATE	AS CONSTRUCTED SERVICES	COMPLETION	DETAILS	No.	REVISIONS	DATE	CONSULTANT	CONSULTANT OR DIVISION	ENGINEER'S STAMP	ENGINEER'S STAMP	SCALE	TITLE	PROJECT No.
					DESIGN C/DW	1	ISSUED FOR TENDER	FEB 2019	DILLON CONSULTING					THAMES VALLEY PARKWAY - NORTH BRANCH	176484
					DRAWN BY JRP									GENERAL ARRANGEMENT	S1
					CHECKED CSH									ROSS PARK	
					APPROVED CSH										
					DATE JAN 2018										



METRIC
DIMENSIONS ARE IN METRES
AND/OR MILLIMETRES
UNLESS OTHERWISE SHOWN

GENERAL ARRANGEMENT

S1

