

CONTRACT DRAWINGS
CONTRACT NO. 2006-**4016**

ADDENDUM NO. **2**

BOOK **1** OF **1**

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

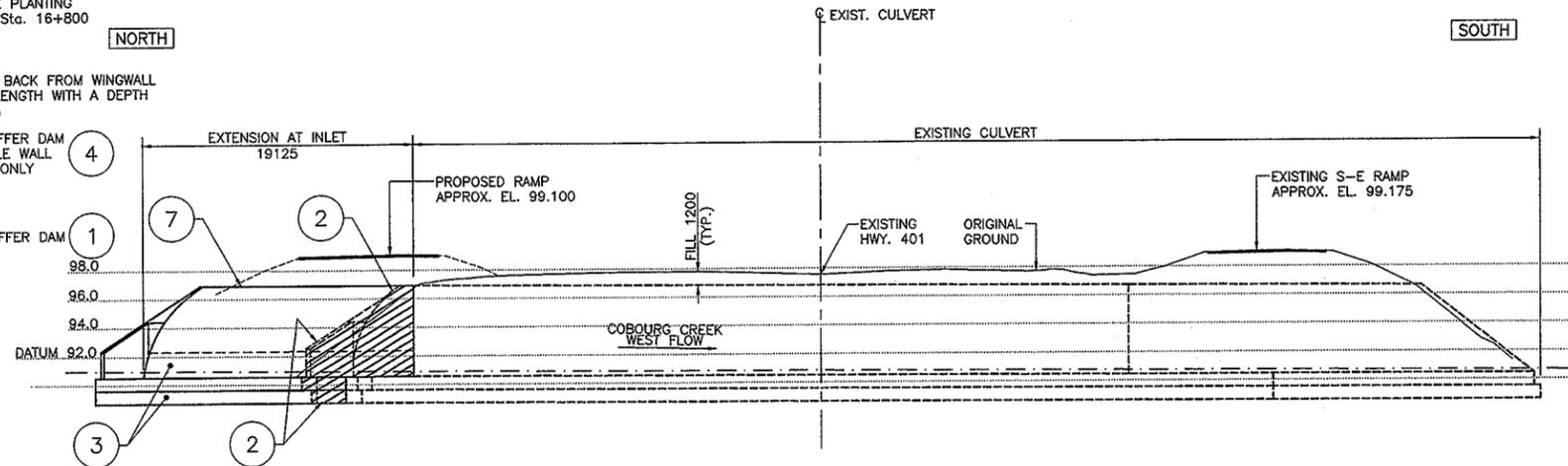
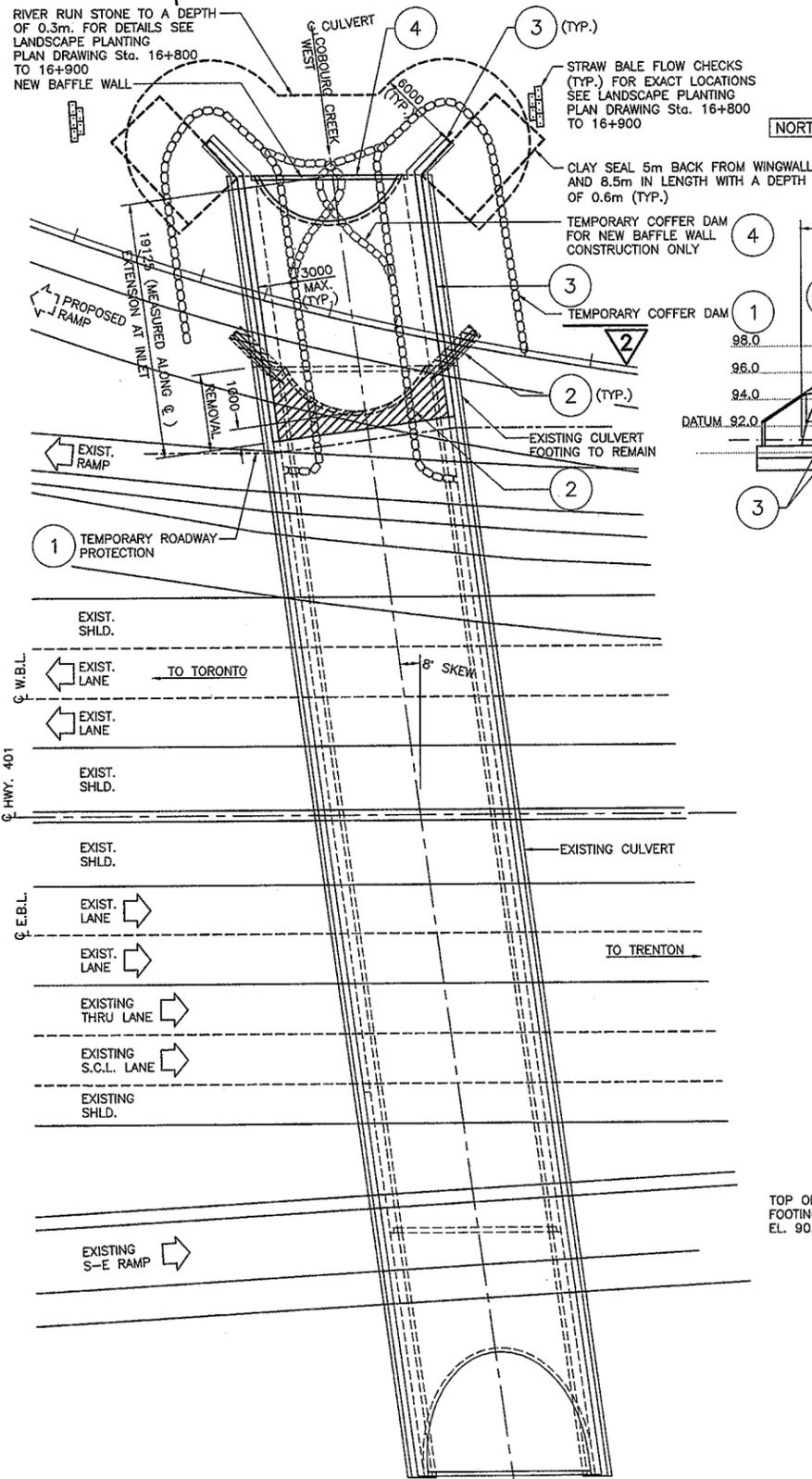
DIST
CONT No 2006-4016
WP No 4073-01-00



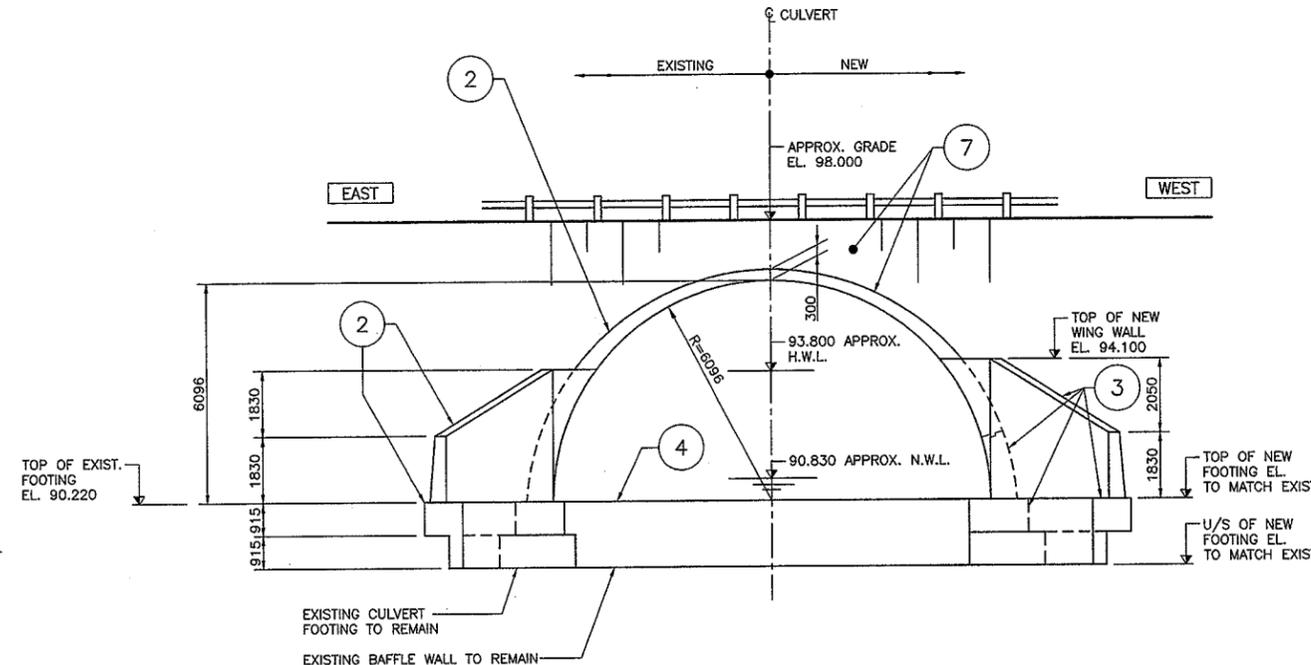
COBOURG CREEK WEST
HIGHWAY 401
CULVERT EXTENSION
GENERAL ARRANGEMENT

SHEET
310A

UMA | AECOM



ELEVATION
SCALE 1:250



INLET
SCALE 1:125

LEGEND

- REMOVALS
- EXISTING TRAFFIC LANE
- PROPOSED TRAFFIC LANE

LIST OF DRAWINGS

1. GENERAL ARRANGEMENT
2. BORE HOLE LOCATIONS & SOIL STRATA
3. REMOVALS
4. DETAILS OF STEEL REINFORCEMENT
5. HOOK DIMENSIONS

DRAWING NOT TO BE SCALED
100mm ON ORIGINAL DRAWING



GENERAL NOTES

1. CLASS OF CONCRETE 30 MPa
2. CLEAR COVER TO REINFORCING STEEL FOOTINGS 100 ± 25 REMAINDER 70 ± 20 (UNLESS OTHERWISE NOTED)
3. REINFORCING STEEL REINFORCING STEEL SHALL BE GRADE 400 UNLESS OTHERWISE SPECIFIED. BAR MARKS WITH PREFIX 'C' DENOTE COATED BARS. UNLESS SHOWN OTHERWISE, TENSION LAP SPLICES SHALL BE CLASS B. BAR HOOKS SHALL HAVE STANDARD 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 AND SS12-2, UNLESS INDICATED OTHERWISE.
4. CONSTRUCTION NOTES BACKFILL SHALL BE PLACED SIMULTANEOUSLY BEHIND BOTH SIDES OF CULVERT KEEPING THE HEIGHT OF THE BACKFILL APPROXIMATELY THE SAME. AT NO TIME SHALL THE DIFFERENCE IN ELEVATION BE GREATER THAN 500mm. BACKFILL TO CULVERT AND WING WALLS TO BE IN ACCORDANCE WITH SP902S01. FOOTINGS TO BE CAST ON UNDISTURBED SOIL. NO CONCRETE SHALL BE PLACED FOR ANY FOOTINGS UNTIL THE DEPTH OF THE EXCAVATION AND THE CHARACTER OF THE FOUNDATION HAVE BEEN REVIEWED BY THE QUALITY VERIFICATION ENGINEER. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS OF THE EXISTING WORK AND ALL DETAILS ON SITE AND REPORT ANY DISCREPANCIES TO THE CONTRACT ADMINISTRATOR BEFORE PROCEEDING WITH THE WORK. ROADWAY PROTECTION SHALL BE DESIGNED TO PERFORMANCE LEVEL 2 IN ACCORDANCE WITH THE SPECIFICATIONS. THE CONSTRUCTION WORK WITHIN THE CREEK MUST BE DONE BETWEEN JULY 1ST AND SEPTEMBER 15TH. CONTRACTOR TO SUBMIT THE CONSTRUCTION SEQUENCE TO THE CONTRACT ADMINISTRATOR FOR REVIEW PRIOR TO THE START OF CONSTRUCTION.

SUGGESTED CONSTRUCTION SEQUENCE

1. INSTALL ROADWAY PROTECTION AS PER OPSS 539. INSTALL COFFER DAMS AS PER OPSS 577.
2. REMOVE SPECIFIED PORTION OF EXISTING CULVERT WALL. REMOVE WING WALLS INCLUDING WING WALL FOOTINGS. EXISTING CULVERT FOOTING AND BAFFLE WALLS TO REMAIN.
3. CONSTRUCT NEW CULVERT FOOTINGS, WING WALL FOOTINGS, A PORTION OF CULVERT WALLS AND WING WALLS.
4. MODIFY COFFERDAM AND CONSTRUCT A PORTION OF NEW BAFFLE WALL ON ONE SIDE OF CULVERT ONLY.
5. REMOVE ONE SIDE AND MODIFY THE OTHER SIDE OF COFFERDAMS. CONSTRUCT SECOND PORTION OF NEW BAFFLE WALL.
6. REMOVE COFFERDAM.
7. CONSTRUCT REMAINING CULVERT WALL AND BACKFILL.

REFERENCE DRAWINGS

ORIGINAL BRIDGE DRAWINGS TWP #8-244-MTO4A
PREPARED BY THE DEPARTMENT OF HIGHWAYS-ONTARIO
DATED JANUARY 1958.

APPLICABLE STANDARD DRAWINGS

- OPSD 4601.000 LOCATION OF SITE NUMBER & DATE FIGURES
- OPSD 4670.000 TYPICAL JOINT DETAILS
- OPSD 202.030 EMBANKMENT WIDENING FOR GUIDE RAIL END TREATMENTS AND TRANSITIONS
- OPSD 219.130 HEAVY DUTY SILT FENCE BARRIER

REVISIONS	DATE	DESCRIPTION
05/02		REVISED CONSTRUCTION SEQUENCE

DESIGN	P.K.	CHK	S.B.	CODE	CHBDC-00	CL-625-ONT	DATE	04.01.19
DRAWN	A.B.	CHK	S.B.	SITE	#21-244		DWG	1