



- GENERAL NOTES
- SPECIFICATIONS. SCOPE OF WORK
- CONSTRUCTION SEQUENCE

- NOTICE.

DESIGN NOTES

MATERIAL NOTES

- CONCRETE
- CLASS OF EXPOSURE: C-1

- REINFORCING STEEL









LOCATION APPROVED UNDERGROUND STRUCTURES	GBM 23-15 ELEV 234.117				m			PROFESSIONAL'S	
SUPR. U/G STRUCTURES DATE COMMITTEE					Mo		HERSHFI	ELD	allob?
NOTE: LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE. BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.					DESIGNED BY	DAN	CHECKED BY	BE	
					DRAWN BY	DML	APPROVED BY	BWB	THE PROFES
			4.4/00/4.0	DAN	HOR. SCALE A VERT. SCALE A DATE	AS SHOWN AS SHOWN	RELEASED FOR CONSTRUCTION JUNE 13/14 DATE	BTK.	CONSULTANT D
	0 No.	REVISIONS	14/06/12 YY/MM/DD	DAN BY		14/06/02		W140003-T-01	

ALL WORK SHALL BE IN ACCORDANCE WITH THESE DRAWINGS AND THE CONTRACT

- CONTRACTOR SHALL SITE VERIFY ALL EXISTING DIMENSIONS.

 DEMOLITION AND REPLACEMENT OF EXISTING NORTH CONCRETE APPROACH SLAB AT THE OMAND'S CREEK CULVERT IN THE SOUTHBOUND LANES ONLY.

 MAINTAIN AT LEAST ONE LANE OF TRAFFIC IN THE SOUTHBOUND DIRECTION AT ALL TIMES. MAINTAIN BOTH LANES IN THE NORTHBOUND DIRECTION AT ALL TIMES.

• STAGE 1: CLOSE LANES 1 AND 2 TO TRAFFIC, AND MAINTAIN TRAFFIC IN LANE 3. DEMOLISH EXISTING APPROACH SLAB IN AREA A. CONSTRUCT NEW APPROACH SLAB IN AREA A. • STAGE 2: CLOSE LANES 2 AND 3, OPEN AND MAINTAIN TRAFFIC TO LANE 1. DEMOLISH EXISTING APPROACH SLAB IN AREA B. CONSTRUCT NEW APPROACH SLAB IN AREA B.

 ANY REQUEST FOR DEVIATION FROM THE ABOVE IDENTIFIED CONSTRUCTION SEQUENCE MUST BE SUBMITTED TO THE ENGINEER IN WRITING WITH AT LEAST SEVEN (7) DAYS

 DESIGN SPECIFICATION: CAN/CSA S6-06 + S6S1-10, S6S2-12, S6S3-13: "CANADIAN HIGHWAY BRIDGE DESIGN CODE"

LIVE LOAD: CL-625 TRUCK AND LANE LOAD

NORMAL WEIGHT WITH MINIMUM COMPRESSIVE STRENGTH 35 MPa AT 28 DAYS

- AIR CONTENT CATEGORY: 1 PER CAN/CSA A23.1 (4-7% IN-SITU AIR CONTENT)
- SYNTHETIC FIBRES WITH MINIMUM POST-RESIDUAL CRACKING INDEX = 0.15
- CONCRETE FINISH: TOP SURFACE OF APPROACH SLAB TO RECEIVE UNIFORM COARSE STEEL TINED BROOM FINISH TRANSVERSE TO THE DIRECTION OF TRAFFIC
- CLEAR COVER TO REINFORCING STEEL:
 - TOP OF APPROACH SLAB: 75mm
 - PERIMETER OF APPROACH SLAB: 50mm
 - UNDERSIDE OF APPROACH SLAB: 75mm

 REINFORCING STEEL TO CAN/CSA-G30.18 GRADE 400W. HOT-DIP GALVANIZE ALL REINFORCING TO ASTM A767, CLASS 11 UNLESS NOTED OTHERWISE.

ALL REINFORCING SPLICES TO CAN/CSA S6-06 CLASS B.

 BEFORE PLACING REINFORCEMENT ENSURE IT IS CLEAN, FREE OF LOOSE SCALE, DIRT, OR OTHER DELETERIOUS MATERIAL WHICH WOULD REDUCE THE BOND TO CONCRETE. PROVIDE ISOLATION BETWEEN PLAIN STEEL AND GALVANIZED STEEL REINFORCEMENT BY USE OF FIELD APPLIED EPOXY COATING.