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 DETOUR

DESIGN DATA

DESIGN SPECIFICATIONS - AASHTO 1983
 LIVE LOADING - HSS25-44 TRUCK LOADING
 HS25-44 LANE LOADING
 CONCRETE - $f_c^1 = 45 \text{ MPa}$ GIRDERS AND PIER 6 STRENGTHENING
 - $f_c^1 = 40 \text{ MPa}$ APPROACH SLAB
 - $f_c^1 = 30 \text{ MPa}$ REMAINDER
 REINFORCING STEEL - CSA G30.12-M77 GRADE 400
 ALL REINFORCING WITH SUFFIX "C" IS EPOXY COATED
 STRUCTURAL STEEL - CSA CAN 3 - G40.21-M81 GRADE 300 W
 PRESTRESSING - $f_s^1 = 1860 \text{ MPa}$ PRESTRESSING STRANDS FOR GIRDER STRENGTHENINGS
 - $f_s^1 = 1230 \text{ MPa}$ THREAD BARS FOR PIER 6 STRENGTHENING
 ALUMINUM PEDESTRIAN HANDRAIL - CSA HA SERIES - 1975
 CLEAR COVER TO REINFORCING STEEL - 80 ± 20 ABUTMENTS AND WINGWALLS
 - 40 ± 10 BOTTOM DECK SLAB
 - 80 ± 20 TOP DECK SLAB
 - 70 ± 20 SIDEWALK AND APPROACH SLABS
 - 50 ± 10 TRAFFIC BARRIERS
 - OTHERS AS NOTED ON DRAWINGS

LIST OF ABBREVIATIONS

B.H. BORE HOLE I.F. INSIDE FACE
 C/W COMPLETE WITH L.L. LIVE LOAD
 D.L. DEAD LOAD O.F. OUTSIDE FACE
 DWL DOWEL OPT. OPTIONAL
 E.F. EACH FACE U/N UNLESS NOTED
 E.S. EQUALLY SPACED W.P. WORK POINT

RECORD DRAWING

B-5568

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	NO.	REVISIONS	DATE	APP.																
DESIGNED BY: K.U. CHECKED BY: J.T.	DRAWN BY: R.S. DATE: APRIL 1985 JOB No. 0266-216-01	DESIGN DATA AND DRAWING LIST																		
APPROVED BY: <i>[Signature]</i>	DATE: <i>June 15 1984</i>	ACCEPTED BY: <i>[Signature]</i>																		
RECORD DRAWING NOV. 86	ENGINEER'S SEAL	SCALE: N.T.S. DRAWING NO: B121-85-02																		