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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

	the uma group Underwood McLellan Ltd. Consulting Engineers and Planners	THE CITY OF WINNIPEG WORKS & OPERATIONS DIVISION STREETS & TRANSPORTATION DEPARTMENT	NAIRN AVENUE OVERPASS DECK REHABILITATION, STRUCTURAL STRENGTHENING AND RELATED WORKS DESIGN DATA AND DRAWING LIST	
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