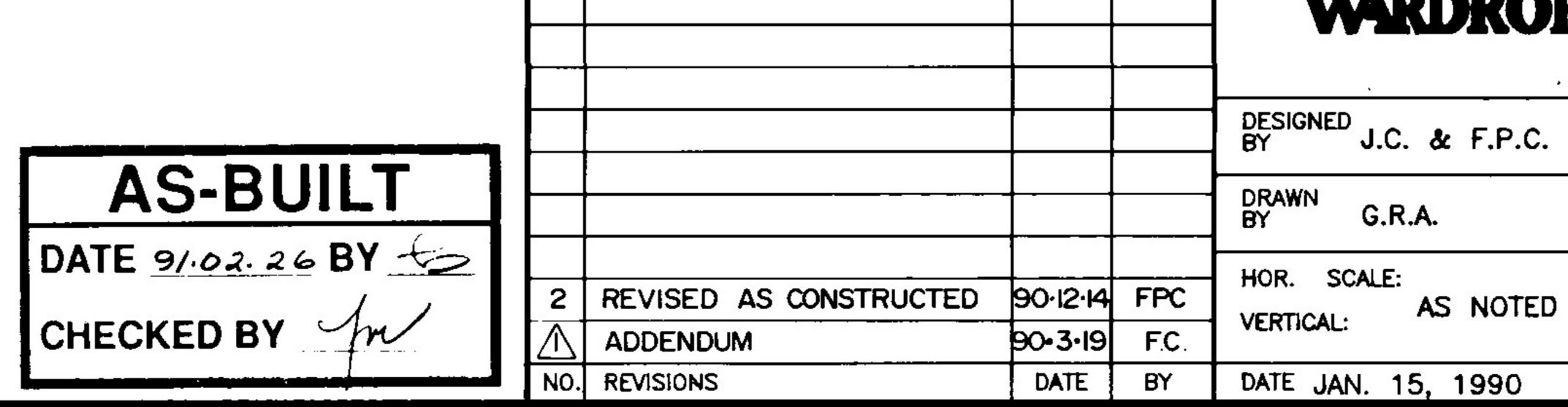


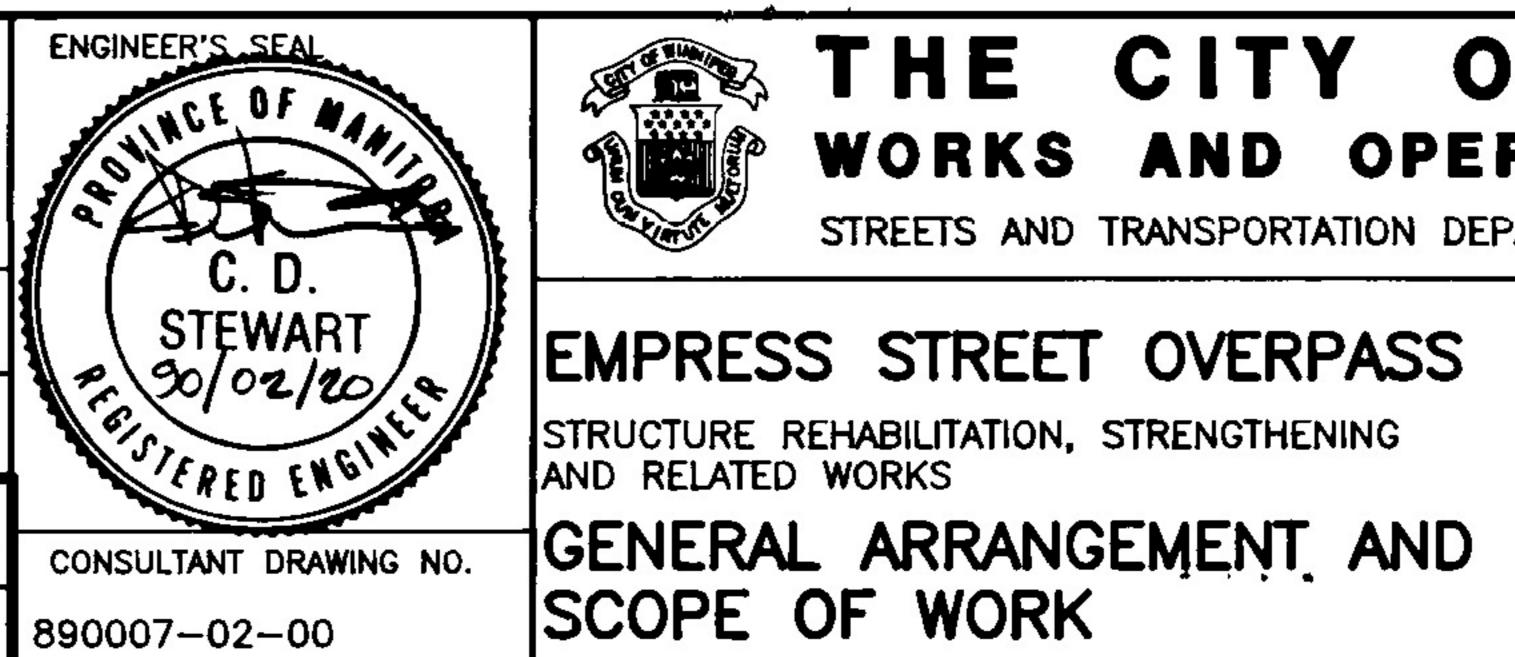
	SCOPE OF WORK	REFERENCE DRAWING NUMBERS
1	JACK UP BRIDGE SUPERSTRUCTURE AFTER MODIFYING ELECTRICAL CABLE CONDUITS TO EXISTING FLUORESCENT LAMPS U/S DECK.	B100 - 90 - 06A
2	REMOVE EXISTING BEARINGS AND INSTALL NEW BEARINGS AT ALL ABUTMENTS AND PIERS.	B100 - 90 - 07, 09
3	LOWER BRIDGE SUPERSTRUCTURE AFTER INSTALLATION OF NEW BEARINGS.	•
4	DEMOLISH EXISTING APPROACH SLABS AND MODIFY ABUTMENT BACKWALLS TO ACCOMMODATE CONSTRUCTION OF THE NEW EXPANSION JOINT ASSEMBLY AND THE SEAT FOR APPROACH SLAB.	B100 - 90 - 06A, 12A, 15A
(5)	STRENGTHEN EXTERIOR GIRDERS AND MAKE ALL GIRDERS CONTINUOUS OVER PIERS.	B100 - 90 - 08
6	CAST CONCRETE DIAPHRAGMS OVER PIERS AND ABUTMENTS.	B100 - 90 - 10A, 21A
7	REMOVE EXISTING CONCRETE DECK SLAB. CONSTRUCT NEW 100 mm THICK CONCRETE DECK SLAB.	B100 - 90 - 06A, 07
8	REMOVE EXISTING SIDEWALK ON WEST SIDE, CENTRE MEDIAN AND CURB SECTION ON EAST SIDE.	B100 - 90 - 06A, 07
<u>(9</u>	CONSTRUCT NEW SIDEWALK AND CONCRETE BRIDGE MEDIAN TRAFFIC BARRIER.	B100 — 90 — 13A, 14A, 22A
10	CONSTRUCT CONCRETE BRIDGE SHOULDER TRAFFIC BARRIERS COMPLETE WITH RAILINGS AND POSTS.	B100 - 90 - 13A, 14A, 18, 22A
(1)	INSTALL EXPANSION JOINTS AT ABUTMENTS	B100 - 90 - 10A, II

	SCOPE OF WORK	REFERENCE DRAWING NUMBERS		
12	INSTALL EPOXY COATED REINFORCING STEEL AND MINIMUM 140mm HIGH DENSITY CONCRETE TOPPING OVER TRAFFIC SURFACE OF THE OVERPASS.	B100 - 90 - 13A, 21A		
13	INSTALL NEW ALUMINUM PEDESTRIAN HANDRAIL.	B100 - 90 - 16, 17		
14	CONCRETE REPAIR TO PIERS AND ABUTMENTS.	B100 - 90 - 10A, IOB, IOC, IOD, ISA, 21A, 22A		
15	SURFACE PREPARATION AND PAINTING OF SUPERSTRUCTURE STEEL.	B100 - 90 - 07, 08		
16	REINFORCE PIER CAP CANTILEVERS.	B100, - 90 - 10A, 21A		
17	RECONSTRUCT EXISTING SLOPE PAVINGS AND SURFACE RUN-OFF CHANNEL. UNDERNEATH THE OVERPASS.	B100 - 90 - 20, 22A		
(18)	REPAIR AND MODIFY EXISTING STAIRWAY.	BIOO - 90 - 19		
\triangle (18A)	CONSTRUCT NEW 150mm STRUCTURAL CONCRETE SIDEWALK.	BIOO - 90 - 19,23,24		
19	RECONSTRUCT APPROACH SLABS AND IMMEDIATE ROADWAY SLABS TO SUIT NEW ROAD GRADES, COMPLETE WITH REINFORCED GRANULAR BACKFILL AND MEDIAN SAFETY BARRIER.	B100 - 90 - 12A, 21A, 23, 24		
20	REMOVE AND DELIVER EXISTING G.R.E.A.T. BARRIER ON EMPRESS ST. TO CITY YARD.	B100 - 90 - 23		
21	RESURFACE ASPHALT OVERLAY BEYOND RECONSTRUCTED ROADWAY SLABS.	B100 - 90 - 23		
22	INSTALL BALANCED ALUMINUM SHOULDER BARRIERS.	B100 - 90 - 25, 26		
23	CONSTRUCT CONCRETE SAFETY MEDIAN BARRIER AT NORTH ROADWAY.	B100 - 90 - 23		
24	LIMITS OF RIGHT OF WAY	B100 - 90 - 23		
<u>^^</u> 25)	RECONSTRUCT CENTRE MEDIAN, RELOCATE ALUMINUM BALANCE BARRIERS, INSTALL REMOVABLE CONCRETE BARRIERS & REMOVE, MODIFY AND RELOCATE G.R.E.A.T. UNITS ON PORTAGE AVENUE.	B100 - 90 - 3A, 26, 27, 28, 129, 30		
26	REMOVE EXISTING VEHICLE RAMP TO MTS BUILDING.	BIOO - 90 - 16,23		

B-5903-2



B.M. ELEV.						ENGINEER'S SEAL
				WARDROP E		
				DESIGNED J.C. & F.P.C.	CHECKED for	STEWART
				DRAWN BY G.R.A.	APPROVED Rule	150/02/20
2	REVISED AS CONSTRUCTED	90.12.14	FPC	HOR. SCALE: VERTICAL: AS NOTED	W.NAUMKO/STREETS & BRIDGE ENGINEER	CONSULTANT DRAWING
MO.	ADDENDUM REVISIONS	90•3·19 DATE	F.C. BY	DATE JAN. 15, 1990	ACCEPTED BY DATE 100223 G.R.SMITH/BRIDGE ENGINEER	890007-02-00



WINNIPEG THE CITY OF WORKS AND OPERATIONS DIVISION STREETS AND TRANSPORTATION DEPARTMENT

EMPRESS STREET OVERPASS STRUCTURE REHABILITATION, STRENGTHENING AND RELATED WORKS

CITY DRAWING NUMBER B100-90-02A(RI)