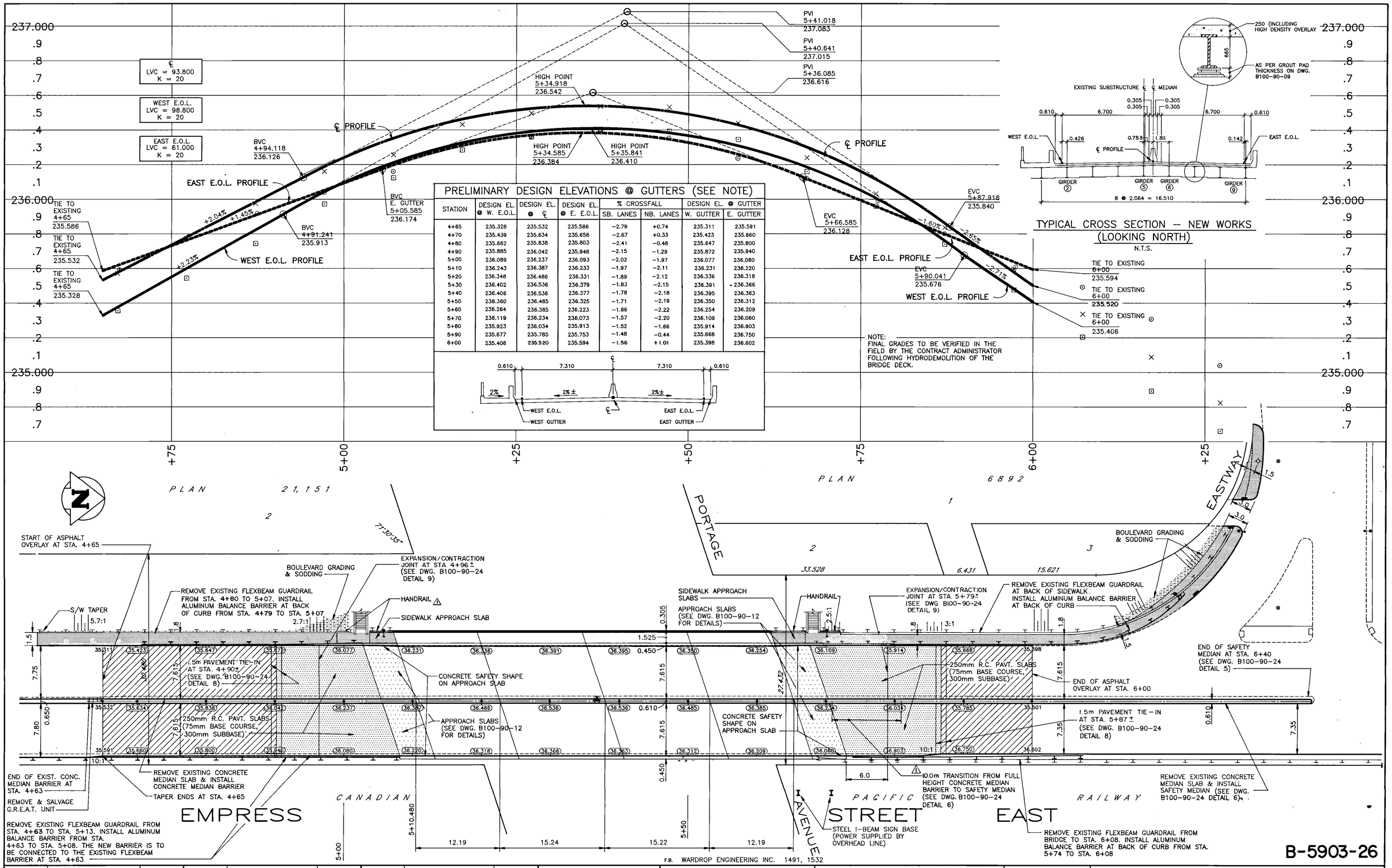

PRELIMINARY DESIGN ELEVATIONS @ GUTTERS (SEE NOTE)

STATION	DESIGN EL. @ W. E.O.L.	DESIGN EL. @ ℄	DESIGN EL. @ E. E.O.L.	% CROSSFALL SB. LANES	% CROSSFALL NB. LANES	DESIGN EL. @ GUTTER W. GUTTER	DESIGN EL. @ GUTTER E. GUTTER
4+65	235.328	235.532	235.586	−2.79	+0.74	235.311	235.591
4+70	235.439	235.634	235.658	−2.67	+0.33	235.423	235.660
4+80	235.662	235.838	235.803	−2.41	−0.48	235.647	235.800
4+90	235.885	236.042	235.948	−2.15	−1.29	235.872	235.940
5+00	236.089	236.237	236.093	−2.02	−1.97	236.077	236.080
5+10	236.243	236.387	236.233	−1.97	−2.11	236.231	236.220
5+20	236.348	236.486	236.331	−1.89	−2.12	236.336	236.318
5+30	236.402	236.536	236.379	−1.83	−2.15	236.391	236.366
5+40	236.406	236.536	236.377	−1.78	−2.18	236.395	236.363
5+50	236.360	236.485	236.325	−1.71	−2.19	236.350	236.312
5+60	236.264	236.385	236.223	−1.66	−2.22	236.254	236.209
5+70	236.119	236.234	236.073	−1.57	−2.20	236.109	236.060
5+80	235.923	236.034	235.913	−1.52	−1.66	235.914	236.903
5+90	235.677	235.785	235.753	−1.48	−0.44	235.668	236.750
6+00	235.406	235.520	235.594	−1.56	+1.01	235.398	236.602

NOTE:
FINAL GRADES TO BE VERIFIED IN THE FIELD BY THE CONTRACT ADMINISTRATOR FOLLOWING HYDRODEMOLITION OF THE BRIDGE DECK.

TYPICAL CROSS SECTION – NEW WORKS (LOOKING NORTH)

N.T.S.

			CONCRETE PAVEMENT SLABS			
SIDEWALK RAMP			ASPHALT RESURFACING			
HYDRANT			APPROACH SLABS		WEST GUTTER	
VALVE		35.532	CENTRELINE ELEVATION	35.838	EAST GUTTER	
PROPERTY LINE		35.311	GUTTER ELEVATION	36.077	WEST E.O.L.	
GEODETIC BENCHMARK			SIDEWALK		EAST E.O.L.	
LIGHT STANDARD			GUARDRAIL		CENTRELINE	
EXISTING	LEGEND–PLAN	PROPOSED	EXISTING	LEGEND–PLAN	PROPOSED	EXISTING	LEGEND–PROFILE	PROPOSED

AS-BUILT
DATE 91.02.26 BY
CHECKED BY

F.B. WARDROP ENGINEERING INC. 1491, 1532

B.M. CITY OF WINNIPEG 37-041
ELEV. 36.733

NO.	REVISIONS	DATE	BY
2	REVISED AS CONSTRUCTED	90-12-14	FPC
1	ADDENDUM	90-3-19	G.O.

WARDROP ENGINEERING INC.

DESIGNED BY	G.O.	CHECKED BY	M.S.
DRAWN BY	G.M.D.	APPROVED BY	
HOR. SCALE:	1:250	AUTHORIZED BY	DATE
VERTICAL:	1:10	W. NAUMKO/STREETS & BRIDGES ENGINEER	90.02.23
		ACCEPTED BY	DATE
DATE	90/01/15	G.R. SMITH/BRIDGE ENGINEER	90.02.23

ENGINEER'S SEAL
PROVINCE OF MANITOBA
90/02/20
G. O. OUELLETTE
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO.
890007-02-00

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

EMPRESS STREET OVERPASS
STRUCTURE REHABILITATION, STRENGTHENING AND RELATED WORKS

ROADWAY RECONSTRUCTION
PLAN AND PROFILE

CITY DRAWING NUMBER
B100-90-23(R1)