

STAGE 2 PROPOSED EXIT LANE
From Pembina Highway Northbound
Control Line = Proposed Detour S Edge Lane

Control Point	Station	Coordinate		Parameter	Curve Data	
		Northing	Easting		C10	C11
BC	20+12.83	254.415	2020.846	R	2082.10	303.70
PCG	20+53.25	252.495	2061.811	Δ	1°07'23"	11°39'29"
PT	21+13.29	255.261	2123.236	Tan	20.41	31.00
PT	21+63.30	252.639	2173.199	L	40.81	61.79
PT	22+11.70	273.367	2220.533			

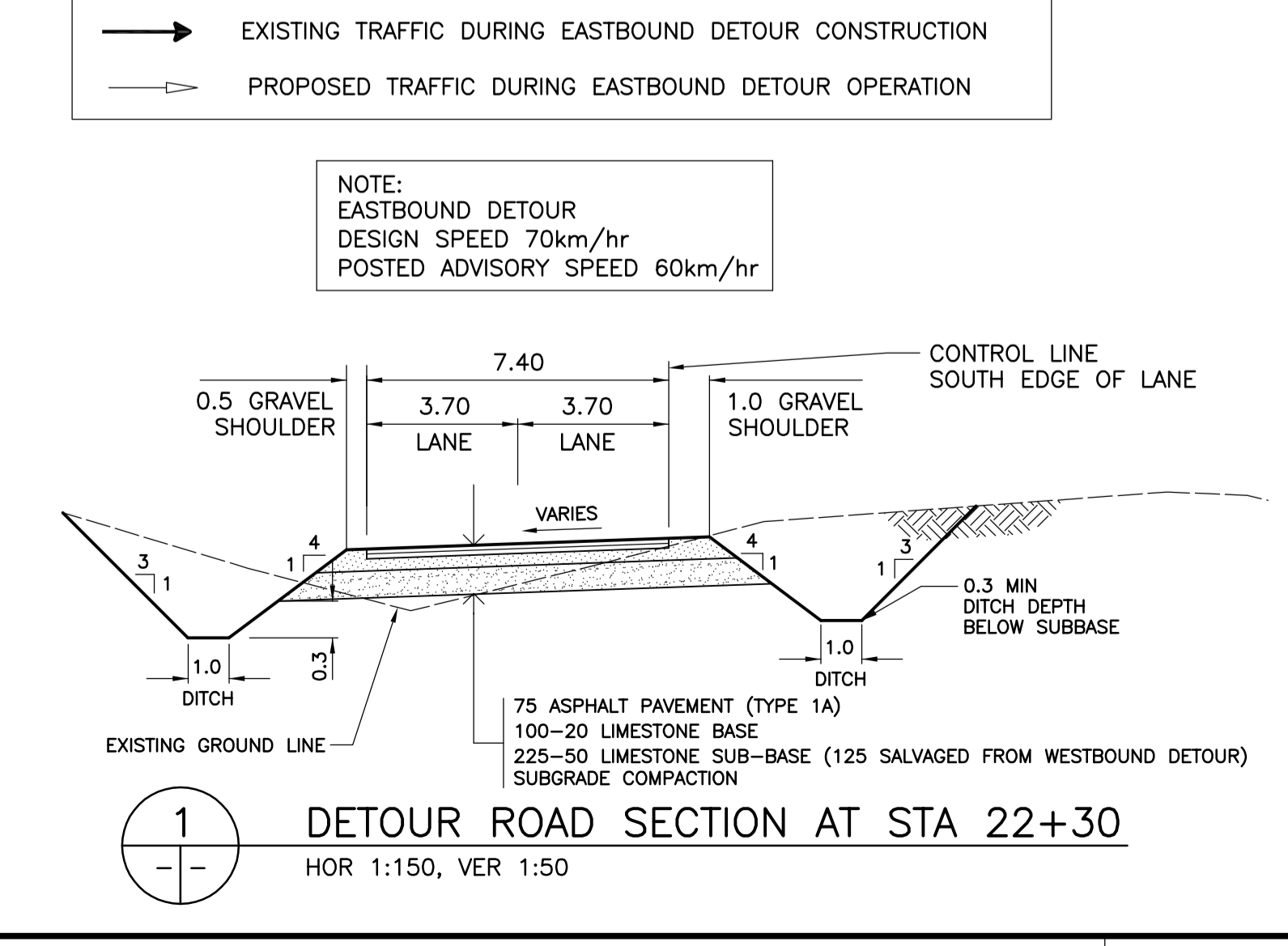
CSP LAYOUT COORDINATE

	Northing	Easting
PT9	270.970	2115.154
PT10	259.654	2184.233

NOTE: WHERE 2 CSPs SIDE BY SIDE THE COORDINATE REPRESENTS THE CENTRE.

Aqueduct/Feedermain Crossing Obvert Elevations (Per Record Drawings)

Location No.	Obvert Elevation	Field Confirmation Required	Northing	Easting
4A	229.80	No	5620363.247	633267.105
4B	229.80	Yes	5620363.502	633260.341
5	230.10	Yes	5620395.007	633330.409



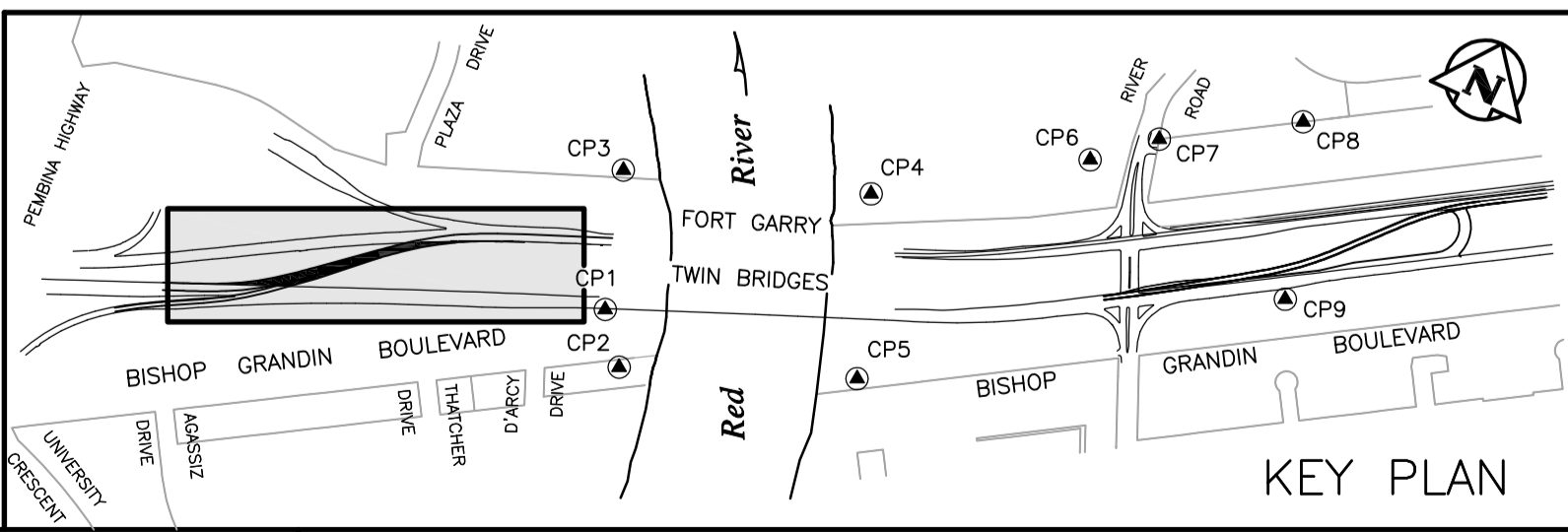
PROPOSED EASTBOUND DETOUR
Aligned with Bishop Grandin Boulevard
Detour Road Control Line = S Edge of Lane

Control Point	Station	Coordinate		Parameter	Curve Data	
		Northing	Easting		C7	C8
STA	20+13.45	269.478	2023.725	R	302.40	295.00
TS	20+33.45	266.524	2043.506	Δ	0°01'49"	7°56'38"
SC	20+74.95	261.336	2084.671	Tan	23.88	20.57
STA	21+20.23	261.120	2129.912	L	47.66	41.07
CS	21+22.61	261.296	2132.283			
ST	21+64.11	266.417	2173.458		S8-S9	S11
TS	22+28.30	275.794	2236.962	R	302.40	295.00
SC	22+69.80	280.891	2278.138	L	41.50	58.96
CS	23+10.87	281.163	2319.177	Theta	3°55'53"	4°01'48"
ST	23+69.81	273.547	2377.615	P	0.24	0.24
				K	20.75	29.47
				A	112.02	110.65
						131.88

Coordinate Control Survey Monuments

No.	Wardrop Coordinate		NAD 83 Grid Coordinate		Description
	Northing	Easting	Northing	Easting	
CP1	200.457	2451.508	5520387.945	633474.139	GBM 79-026
CP2	143.191	2457.394	5520340.999	633507.459	BRASS CAP
CP3	324.616	2489.426	5520514.681	633446.010	BRASS CAP
CP6	289.245	2935.557	5520703.561	633851.730	BRASS CAP
CP7	300.000	3000.000	5520744.652	633902.526	IRON BAR
CP9	132.015	3114.711	5520654.917	634085.078	HCM

NOTE: CONTRACTOR TO PROVIDE CITY OF WINNIPEG 48 HOURS NOTICE PRIOR TO CROSSING OR WORKING IN VICINITY OF 1650 AQUEDUCT OR 600 FEEDERMAIN.



B.M. ELEV.	F.B.	DESIGNED BY	CHECKED BY
		DAL	
		DRAWN BY	APPROVED BY
		NL	
01 ISSUED FOR ADDENDUM No.2	08.02.29	WJF	
00 ISSUED FOR TENDER	08.02.04	WJF	
NO. REVISIONS	DATE	BY	DATE

WARDROP Engineering Inc.

ORIGINAL DRAWING REVISION "00" SEALED BY W.J.FUNK 08.02.04

DESIGNED BY DAL, CHECKED BY, DRAWN BY NL, APPROVED BY, ACCEPTED BY, DATE

ORIGINAL SIGNED BY R. FINGAS 08.02.05

CONSULTANT DRAWING NO. 0600070700-DWG-C1008-01

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
TRANSPORTATION ENGINEERING DIVISION

FORT GARRY BRIDGE REHABILITATION

EASTBOUND DETOUR LANES FOR 2009 OPERATIONS THROUGH LANES FROM WAVERLEY STREET CONSTRUCTION SEPT 1, 2008 TO NOV 1, 2008

CITY DRAWING NUMBER B173-08-052W
SHEET 52 OF 54
C0009