



BISHOP GRANDIN WESTBOUND REHABILITATION AND WIDENING
East of Red River
Control Line = N Edge of Median Lane

Control Point	Station	Coordinate		Curve Data		
		Northing	Easting	Parameter	C41	C42
BC	11+00.29	214.00	3058.64	R	190.0	190.0
BC	11+08.88	216.51	3067.23	Δ	3°21'59"	3°21'59"
EC	11+11.45	213.68	3069.80	Tan	5.58	5.58
EC	11+20.03	216.32	3078.26	L	11.16	11.16
BC	11+59.80	210.87	3118.15	Parameter	C43	C44
BC	11+59.97	213.87	3118.33	R	167.0	190.0
EC	11+70.96 A	213.55	3129.31	Δ	3°21'59"	3°21'59"
EC	11+70.96 B	210.55	3129.31	Tan	5.50	5.58
				L	10.89	11.16

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 76-026
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	633902.626	IRON BAR
CP9	132.015	3114.711	5520654.917	634085.078	HCM

APEGN
Certificate of Authorization
Wardrop Engineering Inc.
No. 195 Expiry: April 30, 2008

WARDROP Engineering Inc.

DESIGNED BY: DAL
DRAWN BY: GMD
HOR. SCALE: 1 : 500
VERTICAL: 1 : 20
DATE: 07.11.22

CHECKED BY:
APPROVED BY:
ACCEPTED BY: DATE
RANDEY FINCAS, P. ENG
BRIDGES PROJECTS ENGINEER

B.M. ELEV. F.B.

00 ISSUED FOR TENDER 08.02.04
NO. REVISIONS DATE

PROVINCE OF MANITOBA
W.J. FUNK
REGISTERED ENGINEER
1/13/08

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
TRANSPORTATION ENGINEERING DIVISION

FORT GARRY BRIDGE REHABILITATION
PAVEMENT CONSTRUCTION
BISHOP GRANDIN BOULEVARD
WESTBOUND NORTH LANES
80m E OF RIVER RD TO 400m E OF RIVER RD

CITY DRAWING NUMBER
B173-08-050W
SHEET 50 OF 54
C0007

