

PROPOSED EASTBOUND DETOUR
East of Red River
Detour Road Control Line = S Edge of Lane

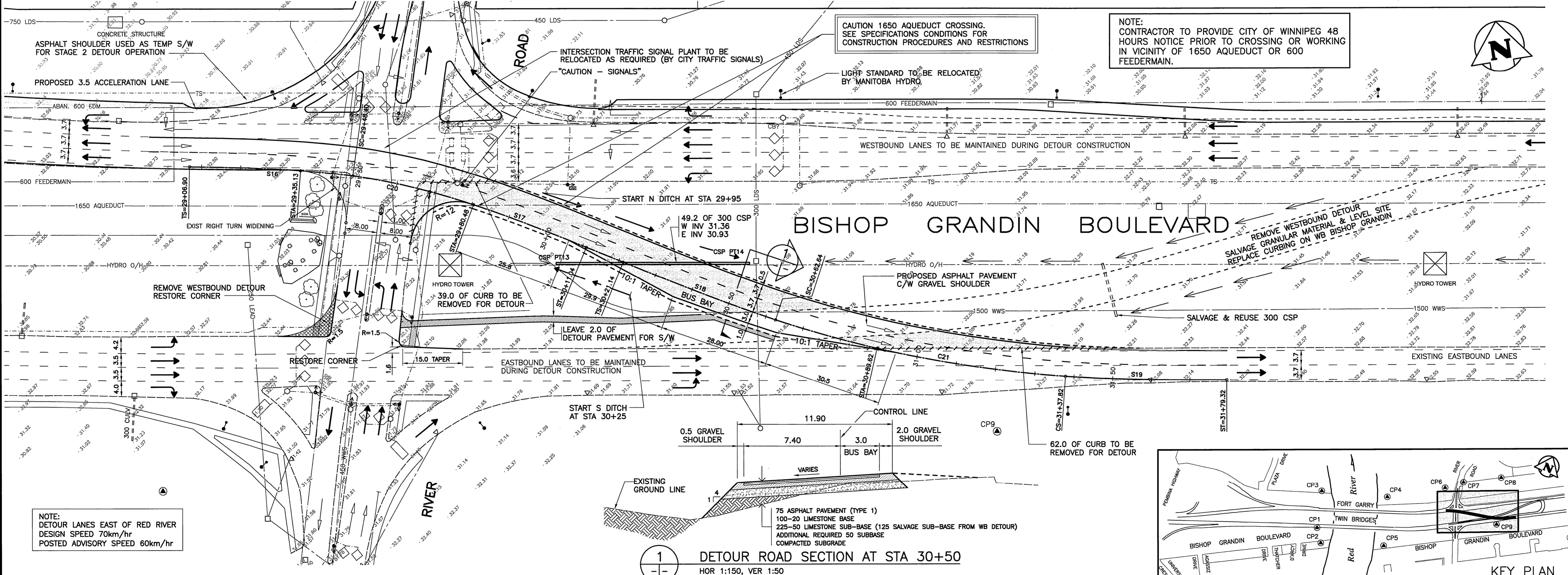
Control Point	Station	Coordinate		Curve Data		
		Northing	Easting	Parameter	C20	C21
TS	29+08.90	199.5514	2909.1250	R	170.00	302.40
STA	29+35.13	198.6319	2937.3369	Δ	7°07'35"	14°14'39"
SC	29+48.40	197.1475	2950.5272	Tan	10.59	37.78
STA	29+80.48	189.7589	2981.6963	L	21.14	75.18
ST	30+11.04	178.9129	3010.2835	Spiral Data		
TS	30+21.14	175.1060	3019.6148	Parameter	S16-S17	S18-S19
SC	30+62.64	160.3969	3058.4084	R	170.00	302.40
STA	30+89.62	153.1422	3084.3872	L	41.50	41.50
CS	31+37.82	146.0419	3132.0063	Theta	6°59'36"	3°55'53"
ST	31+79.32	145.1052	3173.4870	P	0.42	0.24
				K	20.74	20.75
				A	83.99	112.02

Coordinate Control Survey Monuments

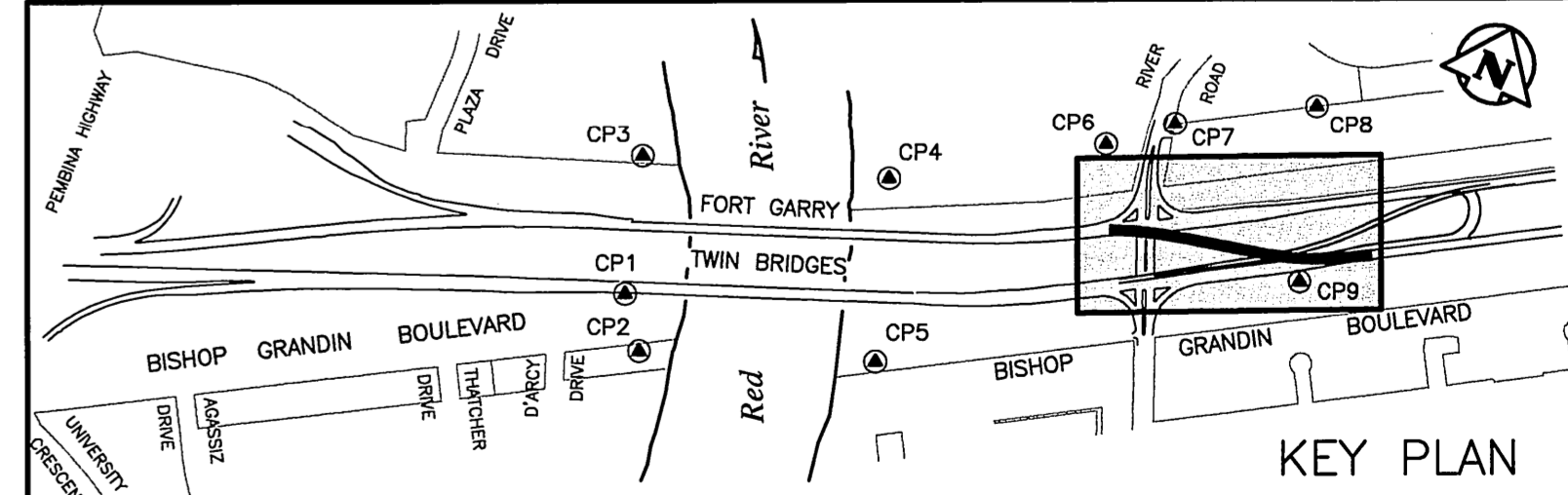
No.	Wardrop Coordinate		Nad 83 Grid Coordinate		Description
	Northing	Easting	Northing	Easting	
CP4	287.838	2722.282	5520597.040	633666.924	BRASS CAP
CP5	101.888	2689.707	5520419.522	633729.948	BRASS CAP
CP6	289.255	2935.557	5520703.567	633851.726	BRASS CAP
CP7	300.000	3000.000	5520744.652	633902.526	IRON BAR
CP8	300.000	3145.008	5520816.061	634028.767	IRON BAR
CP9	132.000	3114.699	5520654.917	634085.078	HCM

Aqueduct Crossing Obvert Elevations
(Per Record Drawings)

Location No.	Obvert Elevation	Field Confirmation Required
9A	229.50	Yes
9B	229.50	Yes



1
DETOUR ROAD SECTION AT STA 30+50
HOR 1:150, VER 1:50



NOTE:
DETOUR LANES EAST OF RED RIVER
DESIGN SPEED 70km/hr
POSTED ADVISORY SPEED 60km/hr

→ EXISTING TRAFFIC DURING EASTBOUND DETOUR CONSTRUCTION
⇄ PROPOSED TRAFFIC DURING EASTBOUND DETOUR OPERATION

CSP LAYOUT COORDINATE

	Northing	Easting
PT13	174.818	3002.653
PT14	174.818	2184.233

NOTE:
SEE DWG C0002 FOR PEDESTRIAN
SIDEWALK CLOSURES DURING
STAGE 2 CONSTRUCTION

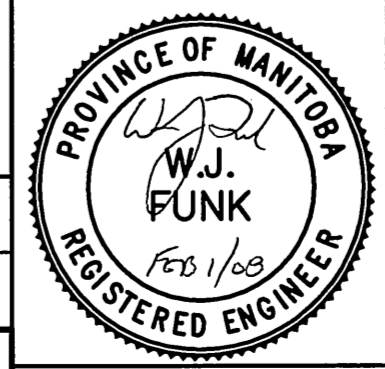
APEGM
Certificate of Authorization
Wardrop Engineering Inc.
No. 195 Expiry: April 30, 2008

B.M. ELEV.			
01	ISSUED FOR TENDER	08.02.04	WJF
NO.	REVISIONS	DATE	BY

WARDROP Engineering Inc.

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

CHECKED BY: [Signature]
APPROVED BY: [Signature]
ACCEPTED BY: [Signature] DATE: 08-02-05
RANDY FINLAY, P. ENG.
BRIDGES PROJECTS ENGINEER



THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
TRANSPORTATION ENGINEERING DIVISION

FORT GARRY BRIDGE REHABILITATION

EASTBOUND DETOUR LANES FOR
2009 OPERATIONS
THROUGH LANES EAST OF RED RIVER
CONSTRUCTION SEPT 1, 2008 TO NOV 1, 2008

CITY DRAWING NUMBER
B173-08-053W
SHEET OF
53 54
C0010