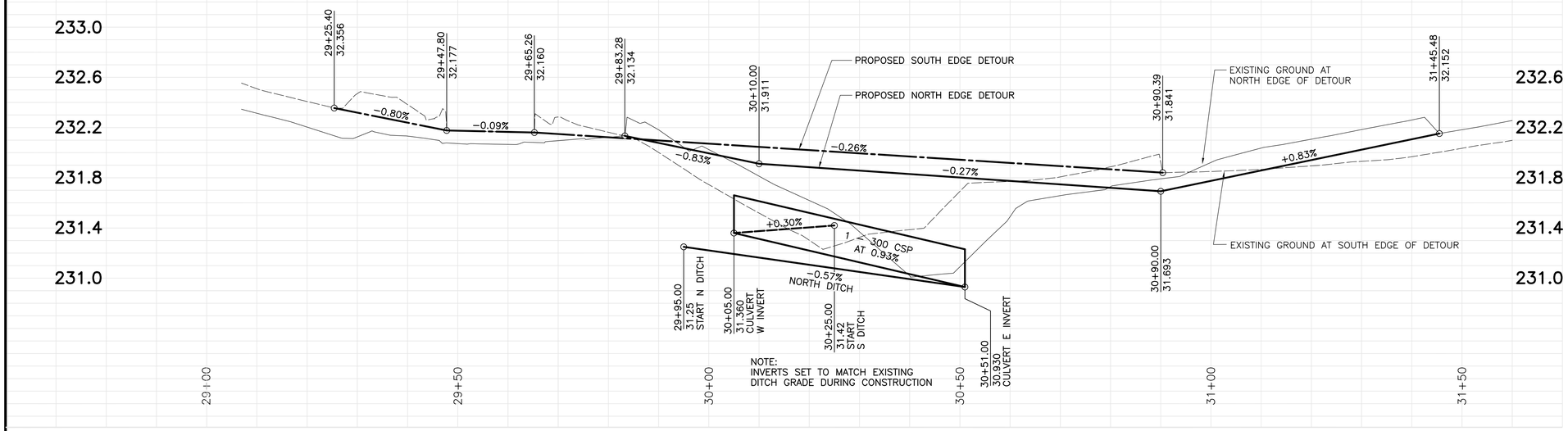
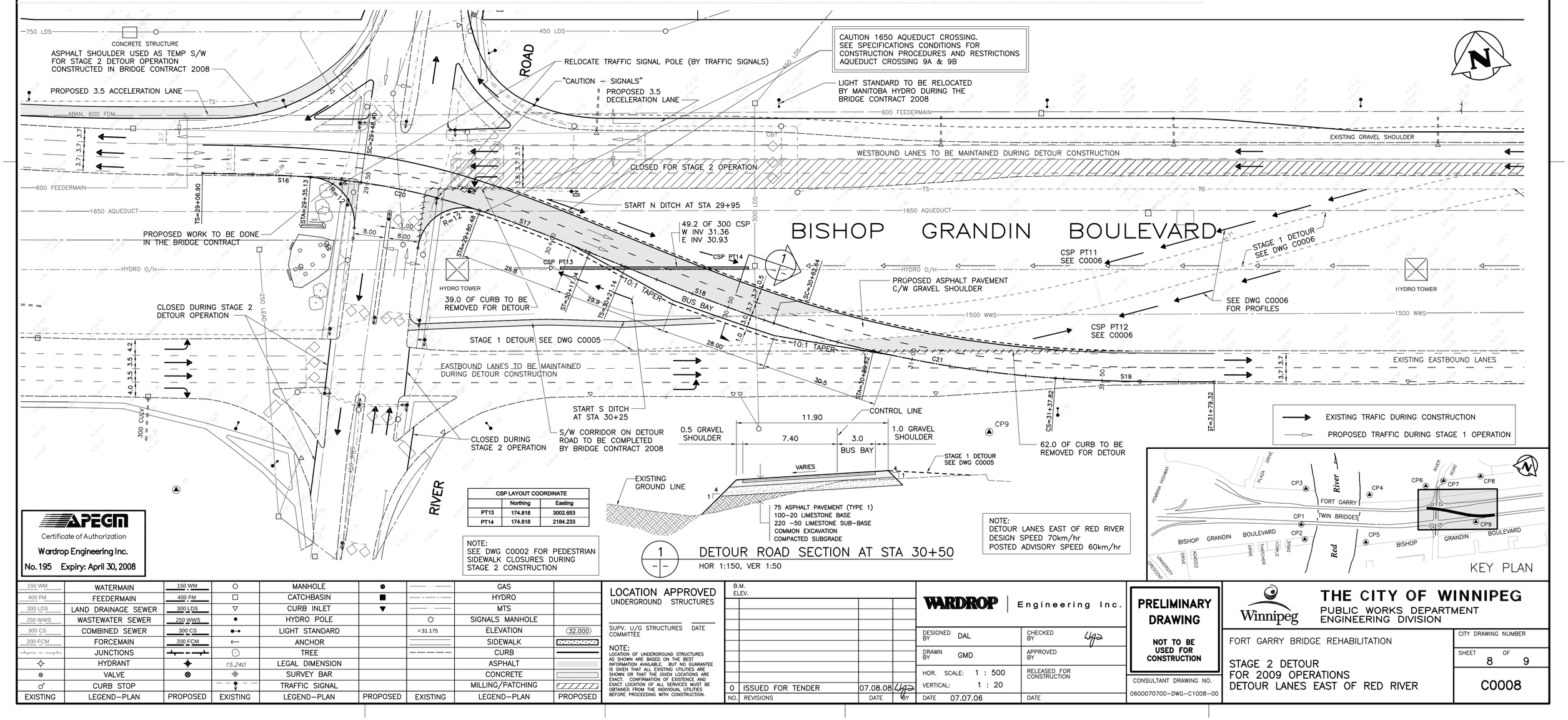


STAGE 2 PROPOSED DETOUR
East of Red River
Detour Road Control Line = S Edge of Lane

Control Point	Station	Coordinate		Curve Data		
		Northing	Easting	Parameter	C20	C21
TS	29+06.90	199.5514	2909.1250	R	170.00	302.40
STA	29+35.13	198.5319	2937.3269	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	3010.2635	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	287.536	2722.262	5520597.040	633666.924	BRASS CAP
CP5	101.988	2689.707	5520419.522	633729.948	BRASS CAP
CP6	289.255	2935.557	5520703.567	633851.726	BRASS CAP
CP7	300.00	3000.00	5520744.652	633902.526	IRON BAR
CP8	300.00	3145.08	5520816.061	634028.767	IRON BAR
CP9	132.00	3114.69	5520654.917	634085.078	HCM



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

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

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

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

150 WM	WATERMAIN	150 WM	○	MANHOLE	●		GAS	
400 FM	FEEDERMAIN	400 FM	□	CATCHBASIN	■		HYDRO	
300 LDS	LAND DRAINAGE SEWER	300 LDS	▽	CURB INLET	▼		MTS	
250 WWS	WASTEWATER SEWER	250 WWS	•	HYDRO POLE		○	SIGNALS MANHOLE	
300 CS	COMBINED SEWER	300 CS	⊷	LIGHT STANDARD		×31.175	ELEVATION	(32.000)
200 FCM	FORCEMAIN	200 FCM	←	ANCHOR			SIDEWALK	
	JUNCTIONS		⬭	TREE			CURB	
⊹	HYDRANT	✦	15.240	LEGAL DIMENSION			ASPHALT	
⊗	VALVE	⊗	⌗	SURVEY BAR			CONCRETE	
♂	CURB STOP		⊸	TRAFFIC SIGNAL			MILLING/PATCHING	
EXISTING	LEGEND–PLAN	PROPOSED	EXISTING	LEGEND–PLAN	PROPOSED	EXISTING	LEGEND–PLAN	PROPOSED

LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES COMMITTEE DATE

NOTE:
LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE. BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

B.M.
ELEV.

NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	07.08.08	

WARDROP | Engineering Inc.

DESIGNED BY DAL	CHECKED BY
DRAWN BY GMD	APPROVED BY
HOR. SCALE: 1 : 500 VERTICAL: 1 : 20	RELEASED FOR CONSTRUCTION
DATE 07.07.06	DATE

PRELIMINARY DRAWING
NOT TO BE USED FOR CONSTRUCTION

CONSULTANT DRAWING NO.
0600070700–DWG–C1008–00

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

FORT GARRY BRIDGE REHABILITATION

STAGE 2 DETOUR
FOR 2009 OPERATIONS
DETOUR LANES EAST OF RED RIVER

CITY DRAWING NUMBER
SHEET 8 OF 9
C0008