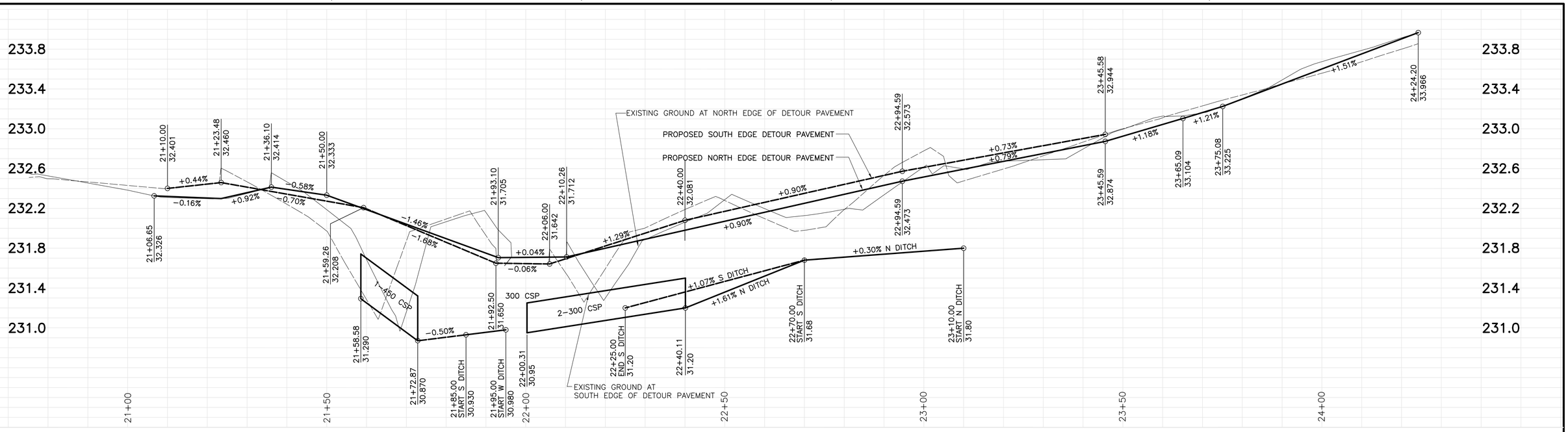


CSP LAYOUT COORDINATE		
	Northing	Easting
PT1	327.686	2197.709
PT2	283.175	2216.980
PT3	283.175	2209.008
PT4	270.910	2257.480

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

STAGE 1 PROPOSED DETOUR
Exit to Pembina
Detour Road Control Line = N Lane Edge

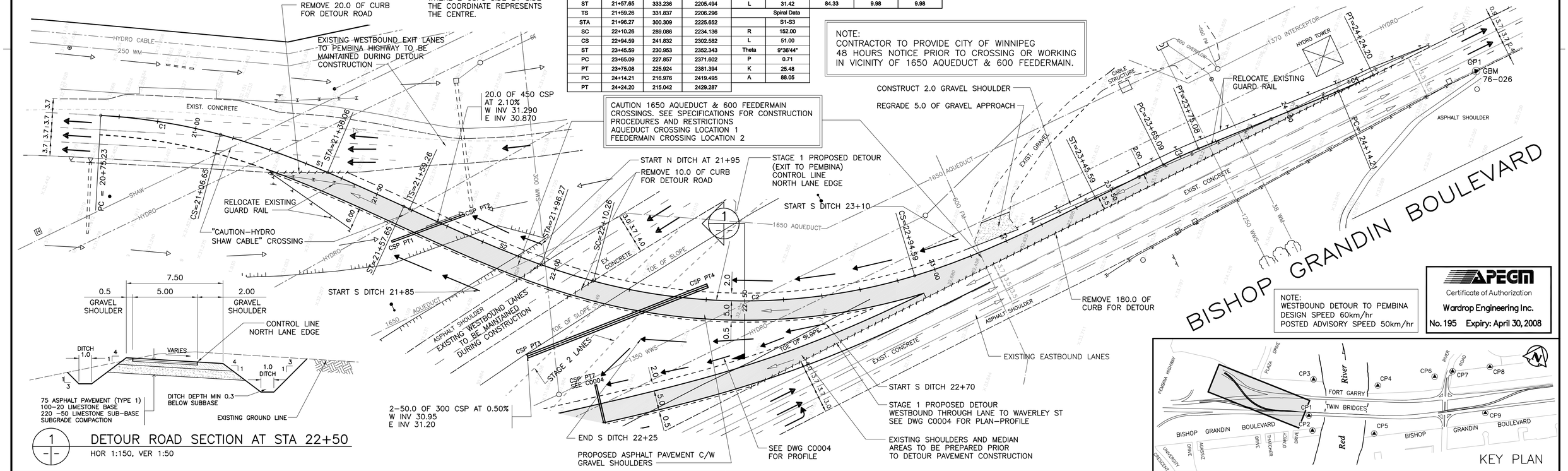
Control Point	Station	Coordinate		Curve Data				
		Northing	Easting	Parameter	C1	C2	C3	C4
PC	20+75.23	397.950	2155.376	R	152.00	152.00	140.00	140.00
CS	21+06.65	375.924	2177.706	Δ	11°50'37"	31°47'15"	4°05'08"	4°05'08"
STA	21+36.06	351.853	2194.556	Tan	15.77	43.28	4.99	4.99
ST	21+57.65	333.236	2205.494	L	31.42	84.33	9.98	9.98
TS	21+59.26	331.837	2206.296	Spiral Data				
STA	21+96.27	300.309	2225.652		S1-S3			
SC	22+10.26	289.086	2234.136	R	152.00			
CS	22+94.59	241.832	2302.582	L	51.00			
ST	23+45.59	230.953	2352.343	Theta	9°36'44"			
PC	23+65.09	227.857	2371.602	P	0.71			
PT	23+75.08	225.924	2381.394	K	25.48			
PC	24+14.21	216.976	2419.495	A	88.05			
PT	24+24.20	215.042	2429.287					

Coordinate Control Survey Monuments					
No.	Wardrop Coordinate		NAD 83 Grid Coordinate		Description
	Northing	Easting	Northing	Easting	
CP1	200.457	2451.508	5520387.9452	633474.1394	GBM 76-026
CP2	143.191	2457.394	5520340.9993	633507.4585	BRASS CAP
CP3	324.616	2489.426	5520514.6806	633446.0101	BRASS CAP

EXISTING TRAFFIC DURING CONSTRUCTION
PROPOSED TRAFFIC DURING STAGE 1 OPERATION

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

CAUTION 1650 AQUEDUCT & 600 FEEDERMAIN CROSSINGS. SEE SPECIFICATIONS FOR CONSTRUCTION PROCEDURES AND RESTRICTIONS
AQUEDUCT CROSSING LOCATION 1
FEEDERMAIN CROSSING LOCATION 2



1 / 1 DETOUR ROAD SECTION AT STA 22+50
HOR 1:150, VER 1:50

NOTE:
WESTBOUND DETOUR TO PEMBINA
DESIGN SPEED 60km/hr
POSTED ADVISORY SPEED 50km/hr

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

150 WM	WATERMAIN	150 WM	)	PLUG	)		TRAFFIC SIGNAL	
400 FM	FEEDERMAIN	400 FM	○	MANHOLE	●		GAS	
300 LDS	LAND DRAINAGE SEWER	300 LDS	□	CATCHBASIN	■		HYDRO	
250 WWS	WASTEWATER SEWER	250 WWS	▽	CURB INLET	▼		MTS	
300 CS	COMBINED SEWER	300 CS	•	HYDRO POLE		×31.175	ELEVATION	(32.000)
200 FCM	FORCEMAIN	200 FCM	⊷	LIGHT STANDARD			SIDEWALK	
	JUNCTIONS		←	ANCHOR			CURB	
☼	HYDRANT	✦	⊙	TREE			ASPHALT	
⊗	VALVE	⊗	15.240	LEGAL DIMENSION			CONCRETE	
♂	CURB STOP		⊕	SURVEY BAR				
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.		F.B.		
0	ISSUED FOR TENDER	07.08.08		
NO.	REVISIONS	DATE	BY	

WARDROP | Engineering Inc.

DESIGNED BY	DAL	CHECKED BY	
DRAWN BY	NL	APPROVED BY	
HOR. SCALE:	1 : 500	RELEASED FOR CONSTRUCTION	
VERTICAL:	1 : 20		
DATE	07.07.02	DATE	

PRELIMINARY DRAWING
NOT TO BE USED FOR CONSTRUCTION

CONSULTANT DRAWING NO.
0600070700-DWG-C1003-00

Winnipeg
THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

FORT GARRY BRIDGE REHABILITATION

STAGE 1 DETOUR FOR 2008 OPERATION
WESTBOUND EXIT LANE TO
PEMBINA HIGHWAY

CITY DRAWING NUMBER
SHEET 3 OF 9
C0003