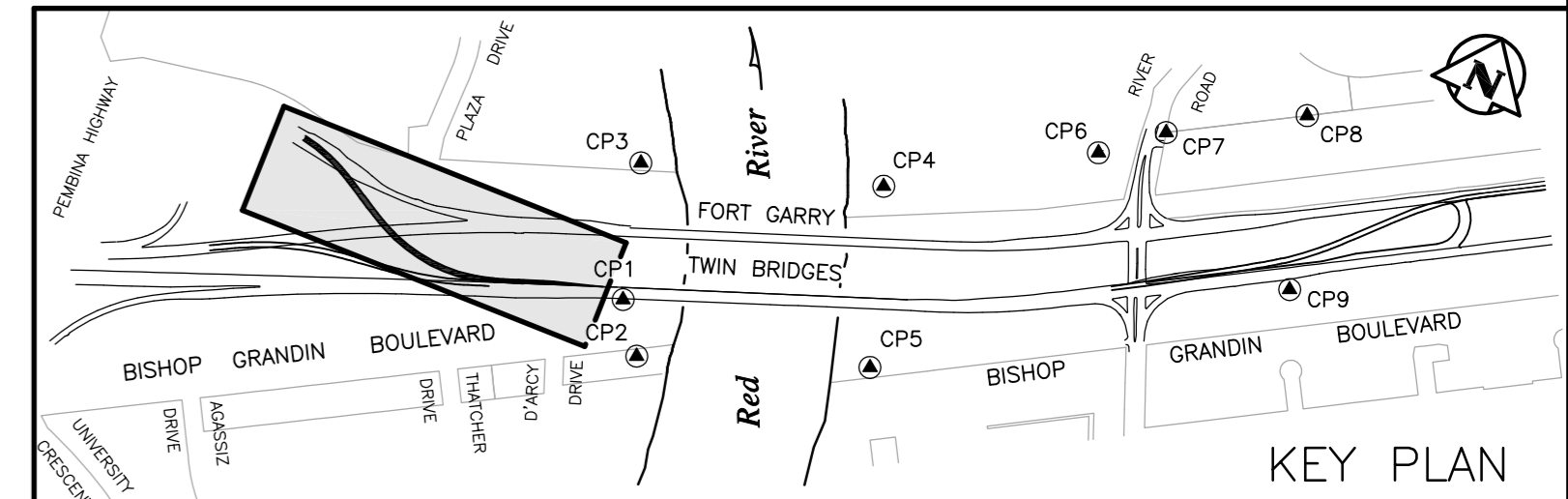
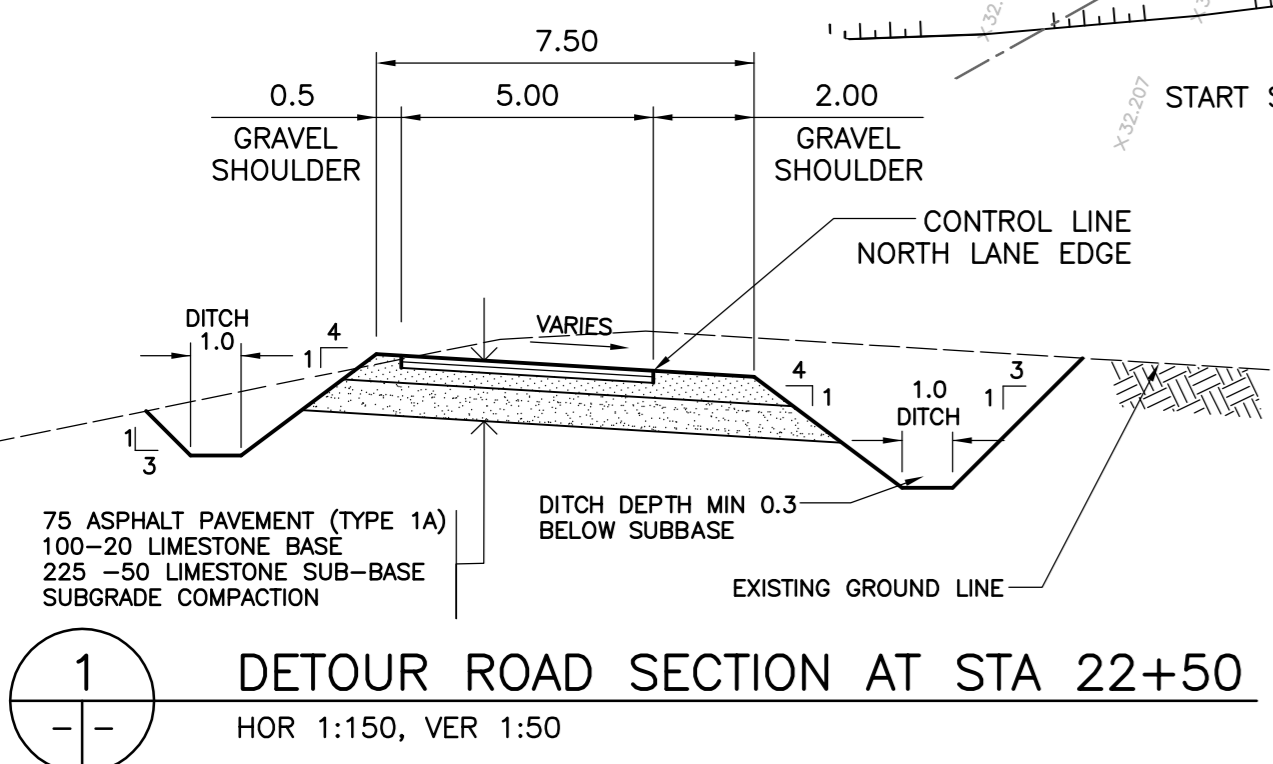
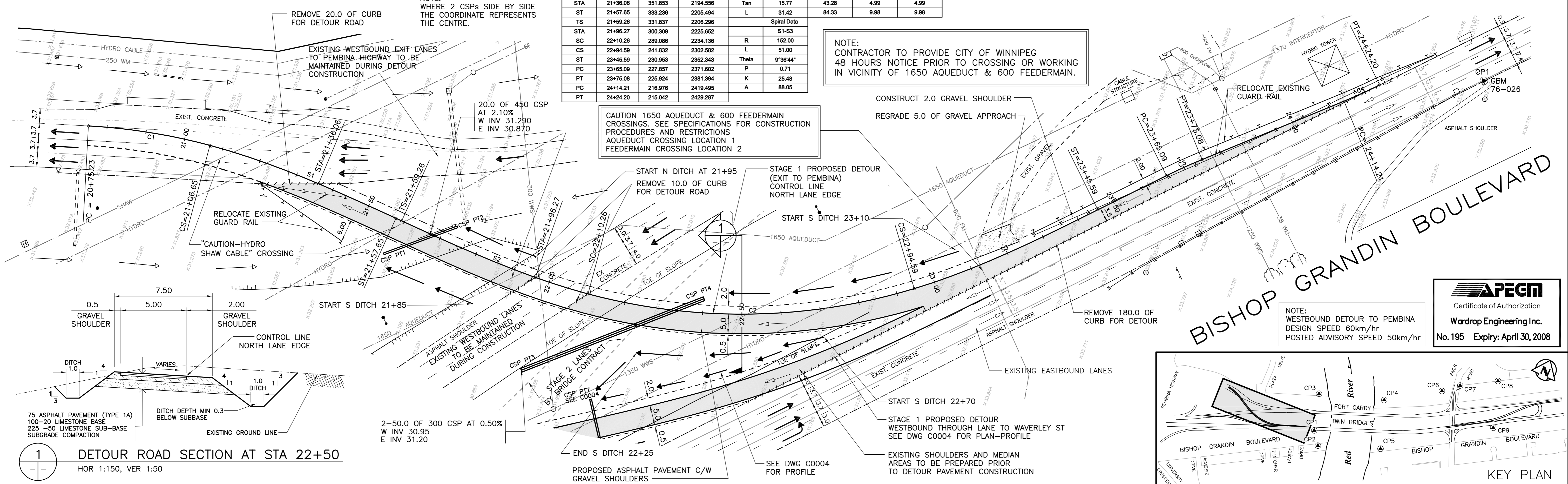
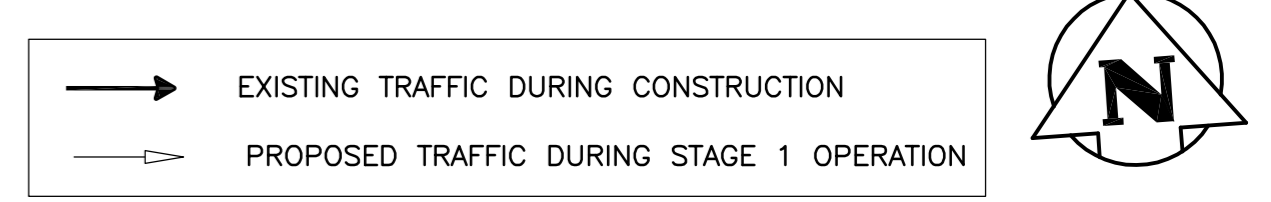


Coordinate Control Survey Monuments					
No.	Wardrop Coordinate		NAD 83 Grid Coordinate		Description
	Northing	Easting	Northing	Easting	
CP1	200.457	2451.508	5520387.9452	633474.1394	GBM 76-026
CP2	143.191	2457.394	5520340.9993	633507.4585	BRASS CAP
CP3	324.616	2489.426	5520514.6806	633446.0101	BRASS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

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

STAGE 1 PROPOSED DETOUR Exit to Pembina Detour Road Control Line = N Lane Edge							
Control Point	Station	Coordinate		Parameter	Curve Data		
		Northing	Easting		C1	C2	C3
PC	20+75.23	397.950	2155.376	R	152.00	140.00	140.00
CS	21+06.65	375.924	2177.706	Δ	11°50'37"	31°47'15"	4°06'08"
STA	21+36.06	351.853	2194.556	Tan	15.77	43.28	4.99
ST	21+57.85	333.236	2205.494	L	31.42	84.33	9.98
TS	21+59.26	331.837	2206.296	Spiral Data			
STA	21+96.27	300.309	2225.852		81.83		
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	219.976	2419.495	A	88.05		
PT	24+24.20	215.042	2429.287				

Aqueduct Crossing Obvert Elevations (Per Record Drawings)		
Location No.	Obvert Elevation	Field Confirmation Required
1	229.96	Yes
2	230.00	No



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
200 FCM	FORCEMAIN	200 FCM	→	LIGHT STANDARD	→	—	SIDEWALK
—	JUNCTIONS	—	←	ANCHOR	←	—	CURB
—	HYDRANT	—	⊕	TREE	⊕	—	ASPHALT
—	VALVE	—	⊕	LEGAL DIMENSION	⊕	15.240	CONCRETE
—	CURB STOP	—	⊕	SURVEY BAR	⊕	—	PROPOSED
EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN

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. CORROBORATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.	

B.M. ELEV.	F.B.

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

PRELIMINARY DRAWING
NOT TO BE USED FOR CONSTRUCTION

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: 3 OF 9
SHEET 3 OF 9
C0003

CONSULTANT DRAWING NO. 0600070700-DWG-C1003-01