

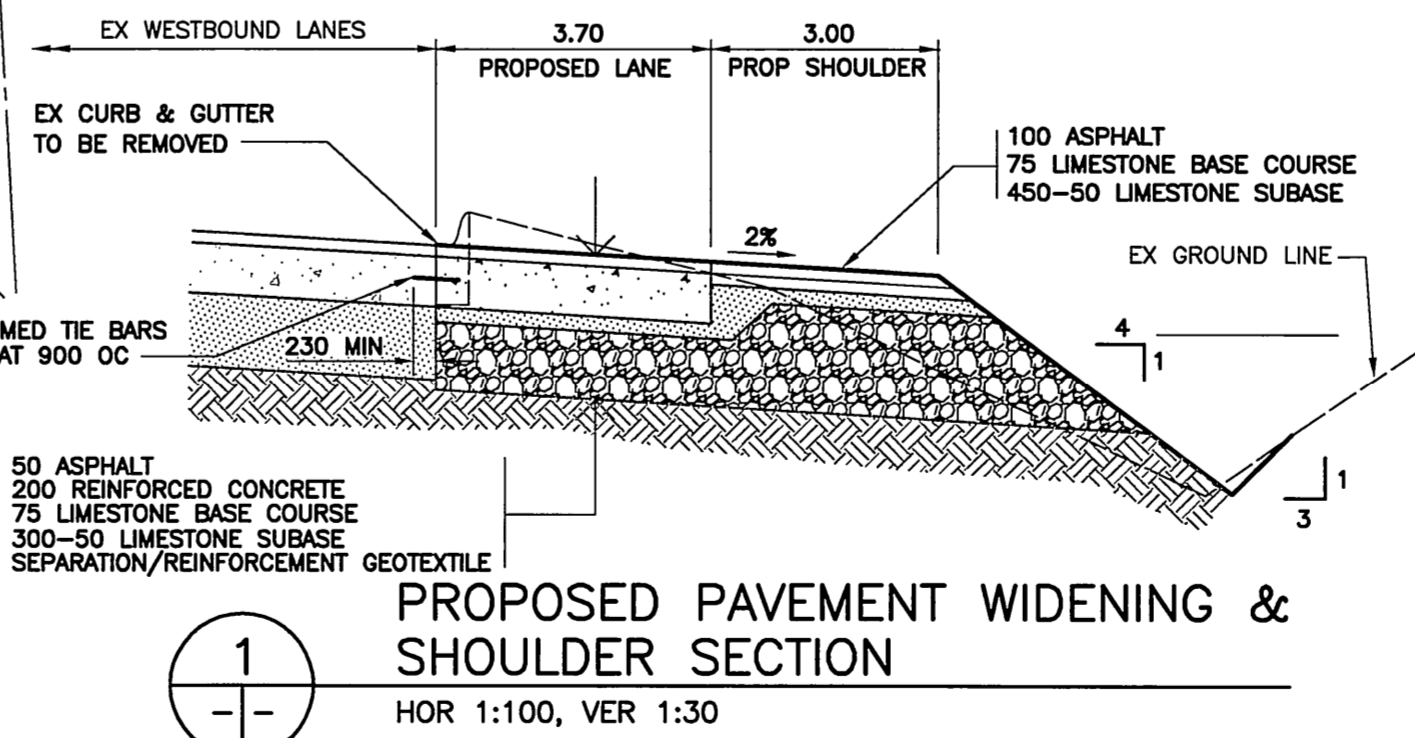
MATCH LINE 14+10

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

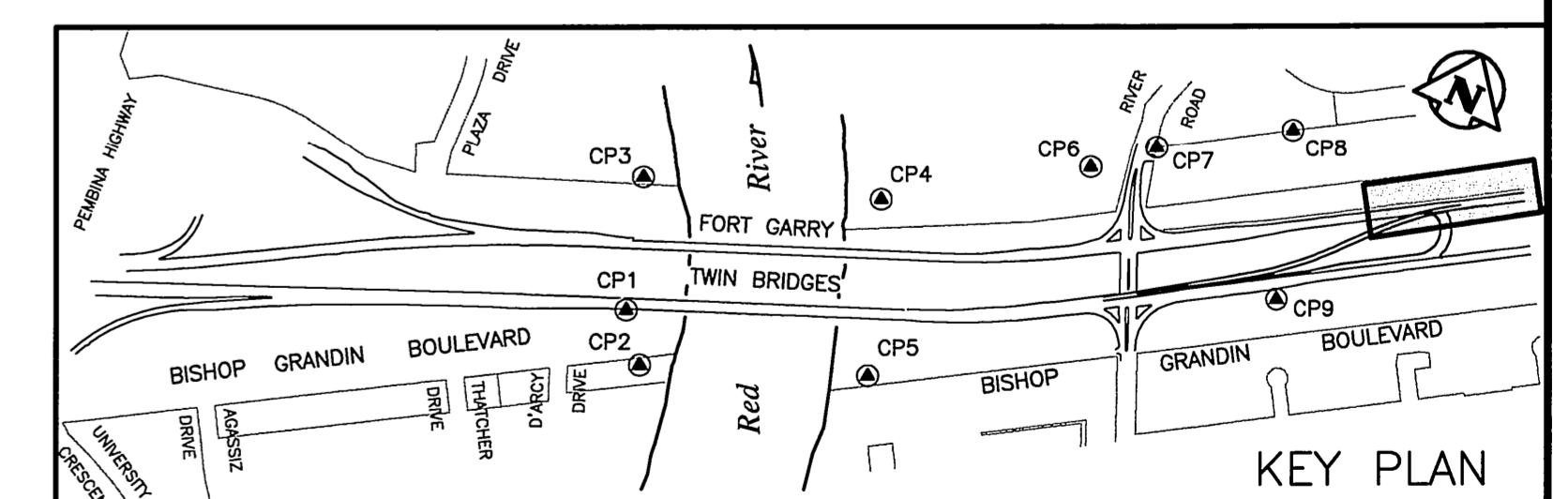
Control Point	Station	Coordinate		Parameter	Curve Data	
		Northing	Easting		C45	C46
BC	16+23.96 A	213.88	3582.34	R	190.0	190.0
BC	16+23.96 B	210.88	3682.34	Δ	3°21'59"	3°21'59"
EC	16+35.14	210.56	3593.50	Tan	5.58	5.58
EC	16+35.31	213.55	3593.67	L	11.16	11.16
BC	16+61.01	212.06	3619.37	Parameter	C47	C48
EC	16+72.41	211.74	3630.77	R	193.0	190.0
BC	16+86.89	207.55	3645.25	Δ	3°21'59"	3°26'18"
EC	16+98.05	207.23	3656.41	Tan	5.67	5.70

**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	633902.526	IRON BAR
CP9	132.015	3114.711	5520654.917	634085.078	HCM



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



**WARDROP Engineering Inc.**

DESIGNED BY: DAL | CHECKED BY: [Signature]

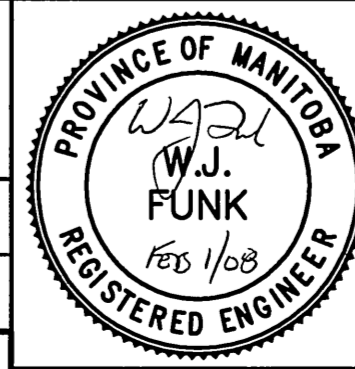
DRAWN BY: GMD | APPROVED BY: [Signature]

HOR. SCALE: 1:500 | DATE: 08-02-05

VERTICAL: 1:20 | DATE: 07.11.22

ISSUED FOR TENDER | 08.02.04

NO. REVISIONS | DATE | BY



**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT  
TRANSPORTATION ENGINEERING DIVISION

FORT GARRY BRIDGE REHABILITATION

NEW PAVEMENT CONSTRUCTION  
BISHOP GRANDIN BOULEVARD WESTBOUND  
NORTH LANE  
400m E OF RIVER ROAD TO 680m E

CITY DRAWING NUMBER  
B173-08-051W  
SHEET OF  
51 54  
C0008