

CONTROL LINE GEOMETRY - FALCON RIVER DIVERSION

CONTROL POINT	STATION	COORDINATES		PARAMETER	CURVE DATA	
		NORTHING	EASTING		(C1)	(C2)
P.I.	0+865.290	5501648.050	774578.062	R.	100	600
T.C.	0+924.290	5501695.846	774612.653	Δc	31°55'11"	10°25'30"
C.T.	0+980	5501729.813	774655.901	Tc	28.599	54.736
T.C.	1+064.195	5501761.607	774733.862	L	55.710	109.170
C.T.	1+173.365	5501793.434	774838.132	L.C.	54.993	109.020
P.I.	1+290.474	5501817.305	774952.783			

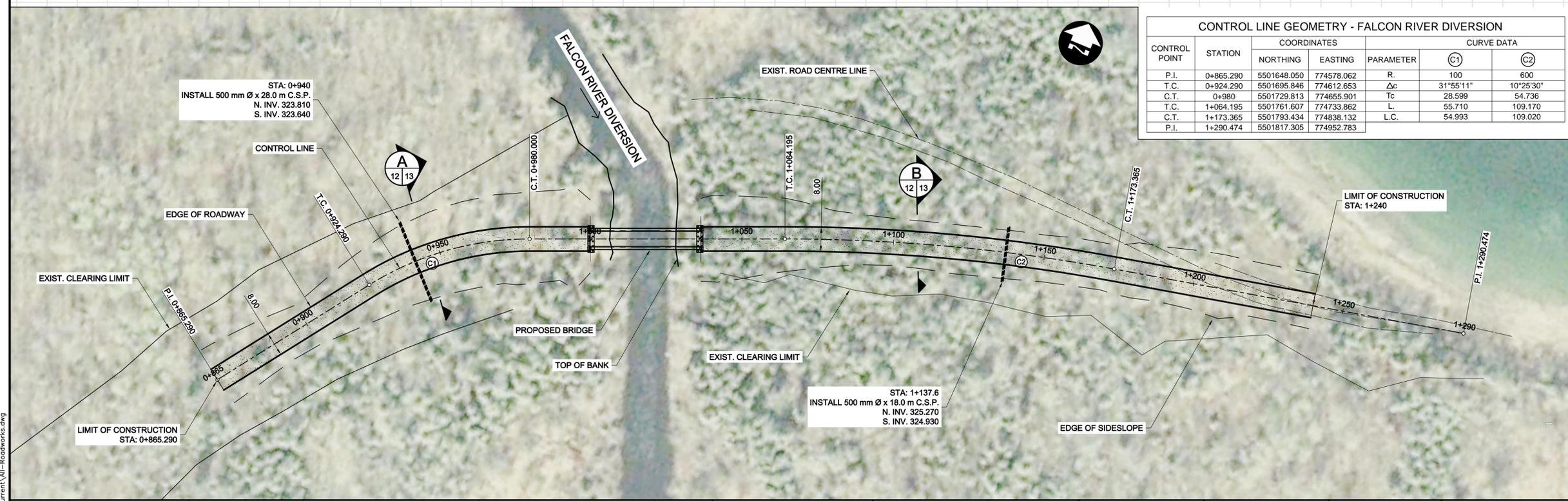


METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

WARNING

- IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:
- NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
 - TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS SEE PROVINCIAL REGULATION 210/72 FOR DETAILS.
 - OBTAIN EXCAVATION PERMITS PRIOR TO CONSTRUCTION.
 - A MINIMUM VERTICAL SEPARATION OF 300 mm FROM GAS MAINS AND 100 mm FROM GAS SERVICE MUST BE MAINTAINED BETWEEN ANY MANITOBA HYDRO FACILITY AND ANY NEW INSTALLATIONS.
 - A MINIMUM 900 mm OF COVER SHALL BE MAINTAINED IN ALL AREAS WHERE EQUIPMENT WILL BE CROSSING, TRAVELING OR COMPACTING OVER THE HIGH PRESSURE GAS MAINS.
 - IF EQUIPMENT MUST CROSS, TRAVEL, OR COMPACT OVER THE GAS MAIN WITH LESS THAN THE MINIMUM DEPTH COVER, EARTH BRIDGING OR STEEL PLATES SHALL BE PLACED OVER THE MAIN AND EXTEND A MINIMUM OF 1.0 METRE ON EITHER SIDE AT EACH CROSSING LOCATION.



150 WM	WATERMAIN	150 WM	MTS	M.T.S.	MTS	150 mm W.M.	WATERMAIN	150 mm W.M.
Hydrant	HYDRANT	Valve	Valve	CONCRETE	CONCRETE	Hydrant	HYDRANT	Valve
300 LDS	LAND DRAINAGE SEWER	300 LDS	300 LDS	ASPHALT	ASPHALT	300 LDS	LAND DRAINAGE SEWER	300 LDS
250 WWS	WASTE WATER SEWER	250 WWS	250 WWS	PLANING	PLANING	250 WWS	WASTE WATER SEWER	250 WWS
Manhole	MANHOLE	Manhole	Manhole	PAVING STONES	PAVING STONES	Manhole	MANHOLE	Manhole
Catch Basin	CATCH BASIN	Test Holes	Test Holes	PROPERTY LINE	PROPERTY LINE	Catch Basin	NORTH/WEST GUTTER	South/East Gutter
Junctions	JUNCTIONS	Curb Ramp	Curb Ramp	SURVEY BAR	SURVEY BAR	Junctions	SOUTH/EAST GUTTER	North/West T/Lane
Culvert	CULVERT	Ditch	Ditch	CURB RAMP	CURB RAMP	Culvert	NORTH/WEST T/LANE	South/East T/Lane
100 GAS	GAS	100 GAS	100 GAS	DITCH	DITCH	100 GAS	SOUTH/EAST T/LANE	
Existing	LEGEND-PLAN	Proposed	EXISTING	SWALE	SWALE	Existing	LEGEND-PROFILE	Proposed

UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES COMMITTEE DATE

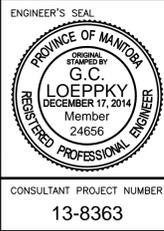
NOTE:
LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES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

B.M. ELEV.	N: E:	ELEV.	DESIGNED BY	GCL
			DRAWN BY	PMW
			CHECKED BY	GCL
			APPROVED BY	
			HOR. SCALE	1:750
			VERTICAL	1:30
0	ISSUED FOR TENDER	14/12/17	RELEASED FOR CONSTRUCTION	
NO.	REVISIONS	DATE	DATE	DATE

DESIGNED BY: GCL
DRAWN BY: PMW
CHECKED BY: GCL
APPROVED BY:

HOR. SCALE: 1:750
VERTICAL: 1:30

ISSUED FOR TENDER: 14/12/17
GCL



THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

BRIDGE AT FALCON RIVER DIVERSION & ASSOCIATED ROADWORKS

ROADWORKS PLAN AND PROFILE

CITY DRAWING NUMBER: SHEET 12 OF 13
CONSULTANT DRAWING NUMBER:

CONSULTANT PROJECT NUMBER: 13-8363

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