



CONTROL POINT	STATION	COORDINATES		PARAMETER	CURVE DATA			SPIRAL CURVE DATA	
		NORTHING	EASTING		①	②	③	ST	LENGTH
T.S.	11+896.890	5525946.206	633511.493	R.	1200.000	1200.000	22.550		45.00
S.C.	11+946.690	5525996.163	633509.811	Δc	1°45'15"	1°04'26"	52°48'37"		-300.004°17'50"
C.S.	12+040.756	5526088.353	633526.460	Tc	18.372	11.247	11.196	S. TANGENT	116.1915.01
S.T.	12+085.756	5526130.041	633543.375	L.	36.741	22.493	20.785	L. TANGENT	30.01
I.C.	12+111.12	5526158.294	633553.494	L.C.	36.740	22.493	20.057		
C.T.	12+147.86	5526187.203	633567.636						
T.C.	12+220.081	5526254.278	633594.414						
C.T.	12+242.574	5526275.246	633602.558						
P.O.T.	12+410	5526431.875	633661.707						

NOTE: ALL STATIONS ARE BASED ON NAD 83 UTM GRID DISTANCES.
COMBINED SCALE FACTOR TO OBTAIN GROUND DISTANCES IS 0.9997688



LOCATION UNDERGROUND	APPROVED STRUCTURES	B.M. ELEV.	654265 (633392.694, 5525026.192) 232.518	DESIGNED BY	RTP
SUPV. U/G STRUCTURES COMMITTEE	DATE			DRAWN BY	TJH/PMW
				CHECKED BY	TJP
				APPROVED BY	DPK
				HOR. SCALE	1 : 250
				VERTICAL	-
1	ISSUED FOR TENDER	10/05/14	DPK	DATE	2010/05/14
NO.	REVISIONS	DATE	BY	DATE	2010/05/14

REVISIONS	DATE	BY
1	ISSUED FOR TENDER	10/05/14 DPK
NO.	REVISIONS	DATE BY

DESIGNED BY	RTP
DRAWN BY	TJH/PMW
CHECKED BY	TJP
APPROVED BY	DPK
HOR. SCALE	1 : 250
VERTICAL	-
DATE	2010/05/14

DILLON CONSULTING

RELEASED FOR CONSTRUCTION
ORIGINAL SIGNED BY RANDY FINGAS
DATE 2010/05/14

ENGINEER'S SEAL
PROVINCE OF MANITOBA
ORIGINAL SIGNED BY
D.P. KRAHN
2010 05 14
Member
4226
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT PROJECT NO.
088813

THE CITY OF WINNIPEG
TRANSIT DEPARTMENT

Winnipeg

SOUTHWEST RAPID TRANSIT CORRIDOR - STAGE 1
OSBORNE STATION & ASSOCIATED WORKS

CITY DRAWING NUMBER
B237-10-99

SHEET 99 OF 121

CONSULTANT DRAWING NUMBER
C5-C3002-T

CONTROL LINE GEOMETRY 1 OF 2

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