

NORTHBOUND DONALD STREET					
CONTROL POINT	STATION	COORDINATES		CURVE DATA	
		NORTHING	EASTING	PARA METER	①
P.O.T.	12+250.29	5526353.6760	633506.0122	R.	160.000
T.C.	12+343.55	5526398.3439	633587.8785	Δc	41°48'39"
C.T.	12+460.30	5526485.2006	633662.0003	Tc	61.116
T.C.	12+709.17	5526719.6883	633745.3653	L.	116.758
C.T.	12+762.21	5526770.9665	633758.6332	L.C.	114.185
P.O.T.	12+825.20	5526833.1022	633768.9668		52.967

SOUTHBOUND DONALD STREET					
CONTROL POINT	STATION	COORDINATES		CURVE DATA	
		NORTHING	EASTING	PARA METER	③
P.O.T.	12+410.00	5526492.6096	633573.8006	R.	137.000
T.C.	12+485.65	5526528.9686	633640.1360	Δc	41°42'04"
C.T.	12+585.36	5526603.2137	633703.3726	Tc	52.180
T.C.	12+700.59	5526711.7876	633741.9277	L.	99.712
C.T.	12+737.18	5526747.1695	633751.1276	L.C.	97.525
P.O.T.	12+847.51	5526856.0038	633769.2274		36.547

SCOTT STREET			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
P.O.T.	0+990.00	5526566.3270	633690.2377
P.O.T.	1+131.56	5526690.1721	633621.8804

GERTRUDE STREET			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
P.O.T.	0+960.00	5526625.2482	633600.4307
P.O.T.	1+123.50	5526704.0774	633743.6689

LAGOPOULOS WAY					
CONTROL POINT	STATION	COORDINATES		CURVE DATA	
		NORTHING	EASTING	PARA METER	⑦
P.O.T.	0+120.00	5526835.1021	633798.1195	R.	100.000
T.C.	0+174.73	5526875.3661	633835.1904	Δc	6°54'33"
C.T.	0+186.79	5526884.7078	633842.8042	Tc	6.037
T.C.	0+226.29	5526916.4809	633865.6577	L.	12.059
C.T.	0+231.15	5526920.9531	633867.4456	L.C.	12.051
T.C.	0+246.95	5526936.6016	633869.6045		4.817
C.T.	0+251.27	5526940.7239	633868.6699		4.227
P.O.T.	0+252.26	5526941.8535	633867.9255		

BUSWAY								
CONTROL POINT	STATION	COORDINATES		CURVE DATA		SPIRAL CURVE DATA		
		NORTHING	EASTING	PARA METER	⑤	⑥	S1	S2
P.O.T.	12+310.00	5526338.3357	633626.2812	R.	3000.000	700.000	LENGTH	50.00
T.C.	12+409.36	5526431.2561	633661.4723	Δc	1°10'18"	11°10'18"	THETA	2°02'47"
C.T.	12+470.70	5526488.8393	633682.6098	Tc	30.672	67.741	S. TANGENT	16.67
T.S.	12+678.46	5526684.5962	633752.2054	L.	61.341	135.062	L. TANGENT	16.67
S.C.	12+728.46	5526731.5017	633769.5129	L.C.	61.340	134.852		33.34
C.S.	12+863.52	5526851.5005	633831.0385					
S.T.	12+913.52	5526892.9321	633859.0232					



LOCATION UNDERGROUND	APPROVED	DATE
SUPV. U/G STRUCTURES COMMITTEE		

NO.	REVISIONS	DATE	BY
1	ISSUED FOR ADDENDUM #2	05/15/09	TJP
2	ISSUED FOR TENDER	04/29/09	TJP
1	SUBMITTED FOR 95% REVIEW	02/13/09	TJP

DESIGNED BY	DATE
RTP	
DRAWN BY	DATE
TJH	
CHECKED BY	DATE
ORIGINAL SIGNED BY TARAN J. PETERS	
APPROVED BY	DATE
ORIGINAL SIGNED BY DAVE P. KRAHN	
HOR. SCALE	VERTICAL
1 : 500	
DATE	DATE
04/29/09	04/29/09

**DILLON CONSULTING**

RELEASED FOR CONSTRUCTION ORIGINAL SIGNED BY RANDY FINGAS DATE 04/29/09

ENGINEER'S SEAL

PROVINCE OF MANITOBA REGISTERED PROFESSIONAL ENGINEER

T.J. PETERS 04-29-09 Member 22309

CONSULTANT PROJECT NO. 088813

**THE CITY OF WINNIPEG TRANSIT DEPARTMENT**

Winnipeg

SOUTHWEST RAPID TRANSIT CORRIDOR - STAGE 1 TRANSITWAY CONSTRUCTION, DONALD/HARKNESS RECONSTRUCTION & ASSOCIATED WORKS

HORIZ. GEOMETRY - TRANSITWAY STA. 12+320 - 13+300 & DONALD ST.

CITY DRAWING NUMBER P-3299-19 SHEET 19 OF 64 CONSULTANT DRAWING NUMBER C3-C3001-T

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