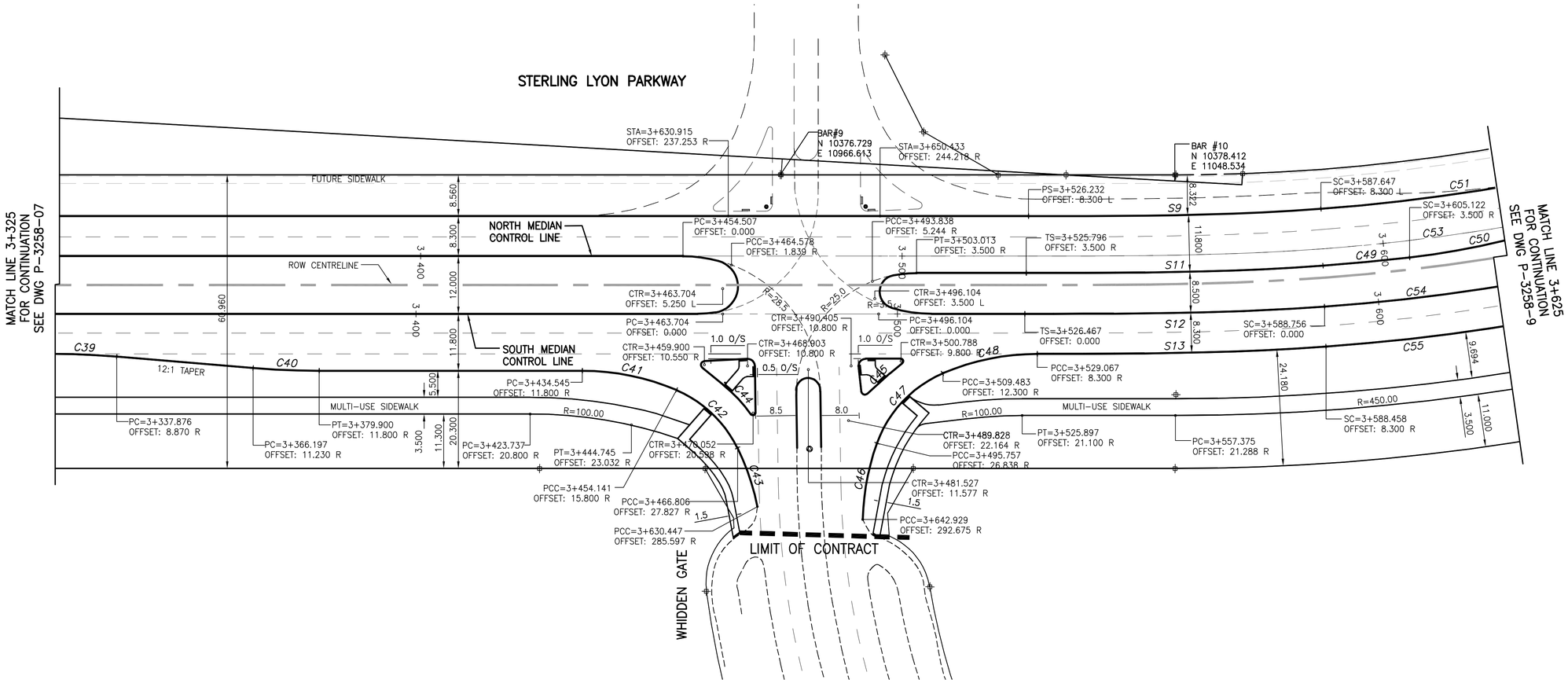
KU-08-66I



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:

1) NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.

2) TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.

SEE PROVINCIAL REGULATION 140/92 FOR DETAILS

CIRCULAR CURVE TABLE				
CURVE	RADIUS	LENGTH	TANGENT	DELTA
C39	165.000	13.718	6.863	4°45'49"
C40	165.000	13.718	6.863	4°45'49"
C41	50.000	20.136	10.206	23°04'26"
C42	25.000	17.842	9.320	40°53'25"
C43	50.000	12.894	6.483	14°46'31"
C44	31.000	8.526	4.290	15°45'30"
C45	31.000	10.772	5.441	19°54'36"
C46	50.000	16.183	8.163	18°32'39"
C47	25.000	20.569	10.907	47°08'28"
C48	50.000	20.126	10.201	23°03'47"
C49	420.360	18.065	9.034	2°27'44"
C50	165.000	29.686	14.883	10°18'30"
C51	408.560	241.855	124.587	33°55'02"
C53	416.860	40.000	20.015	5°29'52"
C54	428.860	255.400	131.613	34°07'18"
C55	437.160	260.949	134.492	34°12'03"

SPIRAL CURVE TABLE				
SPIRAL	LENGTH	THETA	S TAN	L TAN
S9	60.797	4°15'47"	20.276	40.543
S10	60.797	4°15'47"	20.276	40.543
S11	61.669	4°12'10"	20.567	41.124
S12	62.289	4°09'39"	20.773	41.538
S13	62.889	4°07'16"	20.973	41.937

STERLING LYON PARKWAY EAST NORTH CONTROL LINE		
TS=3+525.925	N 10360.9157	E 11018.1731
SC=3+587.336	N 10363.7009	E 11079.5066

STERLING LYON PARKWAY EAST SOUTH CONTROL LINE		
TS=3+526.467	N 10348.9092	E 11017.9842
SC=3+588.756	N 10351.7127	E 11080.1956

NOTE:
ALL STATIONS NORTH OF R.O.W. CENTRELINE, BASED ON NORTH CONTROL LINE.
ALL STATIONS SOUTH OF R.O.W. CENTRELINE, BASED ON SOUTH CONTROL LINE.

BENCH MARK: BOLT IN 12.5m CONC. PILE, 2.4m N. OF S.L. OF WILKES AVE. (FENCE LINE), & 7m E. OF E. FACE OF 2nd TOWER W. OF THE MOST ELY. SET OF TRACKS OF C.P.R. LA RIVIERE SUDB.

HORIZONTAL 0 5 15 25m

APEGM
Certificate of Authorization
Stantec Consulting Ltd.
No. 1301 Expiry: April 30, 2005

EXISTING	LEGEND – PLAN	NEW
	GAS	
	MTS	
	HYDRO	
	VIDEON	
	TRAFFIC SIGNALS	
	LAND DRAINAGE SEWER	
	SANITARY/COMBINED SEWER	
	CATCHBASIN LEAD	
	WATERMAIN	
	SUBDRAIN	
	DITCH	

EXISTING	LEGEND – PLAN	NEW
○	MANHOLE	●
□	CATCH BASIN/CATCH PIT	■
△	C & G INLET WITH BOX	▲
	TREE	
TH#10	TEST HOLE	
	PROPERTY LINE	
	SURVEY BAR	
	GEODETIC MONUMENT	
	FENCE	
	BACK OF CURB	
33.000	ELEVATION	33.000

EXISTING	LEGEND – PLAN	NEW
	CONCRETE PAVEMENT	
	ASPHALT PAVEMENT	
	CONC.SIDEWALK/MED.SLAB	
	PAVING STONE	
	TOPSOIL & SOD	
	GRAVEL	
	RAMP CURB	
	REMOVAL	

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

B.M. 66-001
ELEV. 233.425m

NO.	REVISIONS	DATE	BY
1	ISSUED FOR TENDER	05.03.29	GWM
0	ISSUED FOR CLIENT REVIEW	05.02.28	TAS

DATE 04.02.05

Stantec Consulting Ltd.
905 Waverley Street, Winnipeg, Manitoba
Tel 204-489-5900 Fax 204-453-9012

DESIGNED BY	TAS	CHECKED BY	TAS, WKB
DRAWN BY	TAG	APPROVED BY	GWM
HOR. SCALE:	AS SHOWN	AUTHORIZED BY:	DATE
VERTICAL:	N/A	R. FINGAS, P. ENG. BRIDGE PROJECTS ENGINEER	05.03.24

ENGINEER'S SEAL
ORIGINAL SEALED BY G.W. MOURANT P. ENG. 05.03.24

CONSULTANT DRAWING NO. 113703042-H06

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

KENASTON UNDERPASS
STERLING LYON PARKWAY (EAST)

HORIZONTAL GEOMETRY
STA 3+325 TO STA 3+625

SHEET 8 OF 60
CAD FILE DRAWING NUMBER slpe-geom dwg
CITY DRAWING NUMBER P-3258-08

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2005-03-24 09:01AM By: tgal