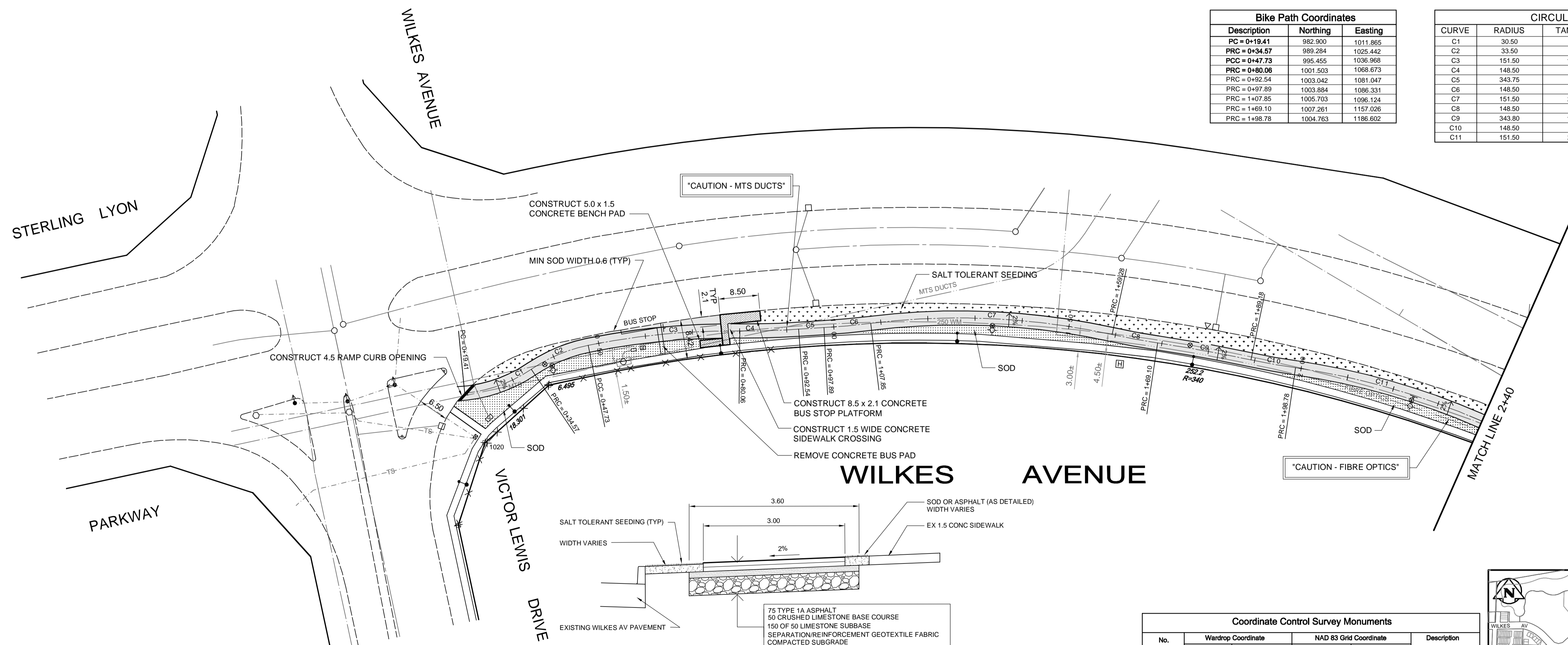
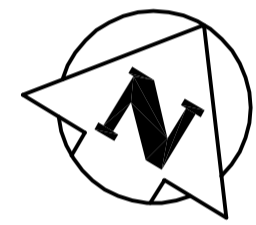


Bike Path Coordinates		
Description	Northing	Easting
PC = 0+19.41	982.900	1011.865
PRC = 0+34.57	989.284	1025.442
PCC = 0+47.73	995.455	1036.968
PRC = 0+80.06	1001.503	1068.673
PRC = 0+92.54	1003.042	1081.047
PRC = 0+97.89	1003.884	1086.331
PRC = 1+07.85	1005.703	1096.124
PRC = 1+69.10	1007.261	1157.026
PRC = 1+98.78	1004.763	1186.602

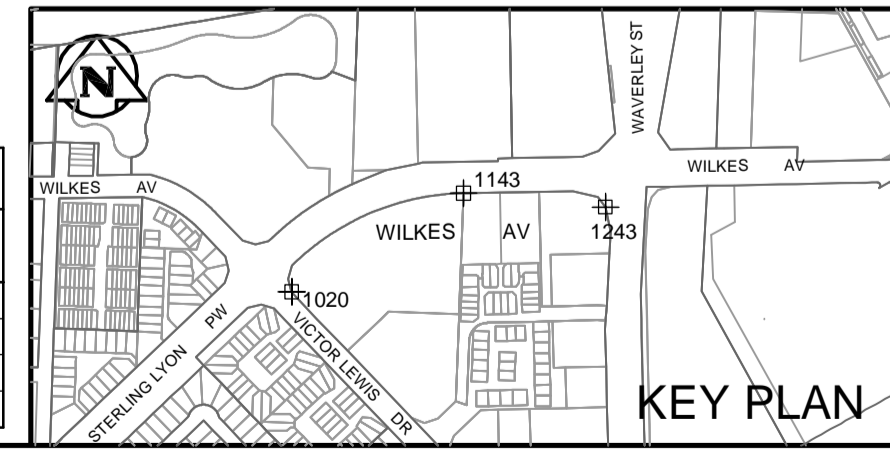
CIRCULAR CURVE DATA				
CURVE	RADIUS	TANGENT	DELTA	LENGTH
C1	30.50	7.74	28°28'30"	15.16
C2	33.50	6.67	22°30'22"	13.16
C3	151.50	16.23	12°13'48"	32.34
C4	148.50	6.24	4°48'44"	12.47
C5	343.75	2.68	0°53'31"	5.35
C6	148.50	4.98	3°50'38"	9.96
C7	151.50	25.96	19°26'57"	51.43
C8	148.50	4.91	3°47'19"	9.82
C9	343.80	10.04	3°20'48"	20.08
C10	148.50	4.80	3°42'21"	9.60
C11	151.50	25.87	19°22'51"	51.25



1 TYPICAL PATH SECTION
HOR 1:50, VER 1:20

APEGM
Certificate of Authorization
Wardrop Engineering Inc.
No. 195 Expiry: April 30, 2010

Coordinate Control Survey Monuments					
No.	Wardrop Coordinate		NAD 83 Grid Coordinate		Description
	Northing	Easting	Northing	Easting	
1020	955.007	1013.084	5523036.821	630433.508	IRON BAR
1143	971.984	1281.581	5523170.424	630667.022	IRON BAR
1243	886.625	1442.967	5523164.969	630849.505	IRON BAR



LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED
150 WM	WATERMAIN	150 WM	SWALE	TRAFFIC SIGNAL			
400 FM	FEEDERMAIN	400 FM	MANHOLE	GAS			
300 LDS	LAND DRAINAGE SEWER	300 LDS	CATCHBASIN	HYDRO			
250 WWS	WASTEWATER SEWER	250 WWS	HYDRO BOX	MTS			
300 CS	COMBINED SEWER	300 CS	HYDRO POLE	SPRINKLER			
200 FCM	FORCEMAIN	200 FCM	LIGHT STANDARD	ELEVATION	(32,000)		
	JUNCTIONS		ANCHOR	SIDEWALK			
	HYDRANT		TREE	CURB			
	VALVE		SURVEY BAR	ASPHALT			
	CURB STOP		SIGNAL CONTROLLER	CONCRETE			
EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN

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. ELEV.	NO.	ISSUED FOR TENDER	DATE	BY
	00	ISSUED FOR TENDER	10.03.18	DAL
		REVISIONS		

WARDROP PEOPLE, PASSION, PERFORMANCE. TRUSTED GLOBALLY.

DESIGNED BY TF CHECKED BY

DRAWN BY GMD APPROVED BY

HOR. SCALE: 1 : 500 RELEASED FOR CONSTRUCTION

VERTICAL: 1 : 20

PRELIMINARY DRAWING

NOT TO BE USED FOR CONSTRUCTION

CONSULTANT DRAWING NO. 100070100-DWG-C0001-00

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

2010 ACTIVE TRANSPORTATION / INFRASTRUCTURE STIMULUS PROGRAM

WILKES AVENUE BIKE PATH FROM VICTOR LEWIS DRIVE TO 230m EAST OF VICTOR LEWIS DRIVE

CITY DRAWING NUMBER SHEET OF 1 6

C0001