

REVISIONS

I8-APR-2022 09:22
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Jegordon
AT WKS-1503FY-4

SURVEY CONTROL SHEET
W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

A_EY2A POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	679904.990	931295.318							
LINE			S 85°06'48.8" E	586.74					
PC	679855.010	931879.929							
CURVE			N 47°00'05.6" E	139.35	95°46'11.2"(LT)	61°00'00.0"	157.00	103.90	93.93
PT	679950.045	931981.847							
LINE			N 00°53'00.0" W	253.42					
POT	680203.437	931977.940							

A_EY2B POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	678086.410	930020.837							
LINE			N 14°49'31.7" E	232.56					
PC	678311.224	930080.342							
CURVE			N 42°47'11.4" E	861.28	55°55'19.2"(RT)	06°14'17.7"	896.44	487.55	918.46
PT	678943.307	930665.381							
LINE			N 70°44'51.0" E	676.48					
PC	679166.365	931304.030							
CURVE			N 25°44'18.2" E	301.63	90°01'05.6"(LT)	26°52'02.5"	335.05	213.32	213.25
PT	679438.073	931435.019							
LINE			N 19°16'14.6" W	392.07					
PC	679808.178	931305.623							
CURVE			N 16°16'59.0" E	248.00	71°06'27.4"(RT)	26°52'02.5"	264.66	152.42	213.25
PT	680046.231	931375.158							
LINE			N 51°50'12.7" E	120.44					
PC	680120.651	931469.854							
CURVE			N 40°34'05.6" E	76.93	22°32'14.3"(LT)	29°06'22.7"	77.43	39.22	196.85
PT	680179.091	931519.888							
LINE			N 29°17'58.4" E	150.54					
PC	680310.373	931593.558							
CURVE			N 14°09'28.3" E	144.44	28°27'27.1"(LT)	19°30'00.0"	145.94	74.51	293.82
PT	680450.427	931628.888							

A_EY3 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	680138.383	932886.688							
CURVE			N 75°52'00.0" E	1345.65	27°10'00.0"(RT)	02°00'00.0"	1358.33	692.18	2864.79
PT	680466.961	934191.601							
LINE			N 89°27'00.0" E	872.66					
POT	680475.338	935064.221							

A_EY4 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R	DELTA S	Ls	LT	ST
TS	0.000	0.000											
SPIRAL			N 57°10'59.7" E	149.96						04°30'00.0"(RT)	150.00	100.03	50.03
SC	680631.171	933396.075											
CURVE			N 80°15'45.0" E	655.69	40°09'30.0"(RT)	06°00'00.0"	669.31	349.06	954.93				
CS	680742.071	934042.318											
SPIRAL			S 76°39'29.7" E	149.96						04°30'00.0"(RT)	150.00	100.03	50.03
ST	680707.467	934188.230											
LINE			S 75°09'30.0" E	1011.14									
PC	680448.465	935165.634											
CURVE			S 72°56'45.0" E	126.40	04°25'30.0"(RT)	03°30'00.0"	126.43	63.25	1637.02				
PT	680411.396	935286.473											
LINE			S 70°44'00.0" E	43.42									
PC	680397.068	935327.463											
CURVE			S 76°05'45.0" E	214.19	10°43'30.0"(LT)	05°00'00.0"	214.50	107.56	1145.92				
PT	680345.599	935535.374											
LINE			S 81°27'30.0" E	391.29									
POT	680287.481	935922.326											
LINE			S 81°58'50.4" E	72.04									
PC	680277.431	935993.657											
CURVE			S 83°10'09.7" E	60.42	02°22'38.7"(LT)	03°56'05.2"	60.42	30.21	1456.14				
PT	680270.246	936053.645											
LINE			S 84°21'29.1" E	430.42									
PC	680227.931	936481.982											
CURVE			S 85°18'43.1" E	64.57	01°54'28.1"(LT)	02°57'16.9"	64.57	32.29	1939.15				
PT	680222.654	936546.332											
LINE			S 86°15'57.2" E	63.85									
POT	680218.495	936610.050											

A_EY5 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	683554.355	934247.499							
LINE			S 33°19'00.0" E	143.83					
PC	683434.165	934326.499							
CURVE			S 27°11'00.0" E	306.08	12°16'00.0"(RT)	04°00'00.0"	306.67	153.92	1432.39
PT	683161.890	934466.329							
LINE			S 21°03'00.0" E	730.60					
POT	682480.042	934728.748							

A_EY6 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	684746.490	934146.306							
LINE			N 86°18'00.0" E	55.37					
PC	684750.063	934201.561							
CURVE			S 84°15'00.0" E	129.75	18°54'00.0"(RT)	14°30'00.0"	130.34	65.77	395.14
PT	684737.063	934330.663							
LINE			S 74°48'00.0" E	186.67					
PC	684688.119	934510.804							
CURVE			S 67°01'30.0" E	114.83	15°33'00.0"(RT)	13°30'00.0"	115.19	57.95	424.41
PT	684643.297	934616.527							
LINE			S 59°15'00.0" E	229.80					
PC	684525.804	934814.015							
CURVE			S 80°04'30.0" E	509.24	41°39'00.0"(LT)	08°00'00.0"	520.62	272.42	716.20
PT	684438.032	935315.632							
LINE			N 79°06'00.0" E	107.14					
POT	684458.292	935420.840							

NOTES:

1. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
2. THE SURVEY CONTROL DATA FOR THIS PROJECT HAS BEEN COMPILED FROM VARIOUS SOURCES. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.

PROJECT REFERENCE NO.	SHEET NO.
I-2513AC	RW02C-17
Location and Surveys	

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "CALVARY" WITH NAD 83 STATE PLANE GRID COORDINATES OF NORTHING: 684834.0870(±) EASTING: 934095.9080(±) ELEVATION: 2156.81(±) THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.9997841 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "CALVARY" TO -L- STATION IS

ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES VERTICAL DATUM USED IS NAVD 88