

REVISIONS

SURVEY CONTROL SHEET
W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
I-25I3AC	RW02C-19
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(ft) EASTING: 934095.9080(ft) ELEVATION: 2156.81(ft) 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

A_RP1BD													
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R	DELTA S	Ls	LT	ST
PC	679267.575	930781.007	N 75°56'00.0" E	129.82	10°24'00.0"(RT)	08°00'00.0"	130.00	65.18	716.20				
CURVE													
CS	679299.128	930906.935	N 85°08'00.7" E	149.93						06°00'00.0"(RT)	150.00	100.06	50.05
SPIRAL													
ST	679311.847	931056.322	N 87°08'00.0" E	22.74									
LINE													
TS	679312.985	931079.033	N 85°28'00.4" E	99.97						05°00'00.0"(LT)	100.00	66.69	33.36
SPIRAL													
SC	679320.886	931178.686	N 78°56'00.0" E	63.97	06°24'00.0"(LT)	10°00'00.0"	64.00	32.03	572.96				
CURVE													
CS	679333.164	931241.463	N 72°23'59.6" E	99.97						05°00'00.0"(LT)	100.00	66.69	33.36
SPIRAL													
ST	679363.391	931336.750	N 70°44'00.0" E	113.98									
LINE													
POT	679401.002	931444.350											

A_RAMP2A									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	683809.585	934781.386							
CURVE			N 03°20'15.0" E	245.66	07°22'30.0"(LT)	03°00'00.0"	245.83	123.09	1909.86
PT	684054.832	934795.688							
LINE			N 00°21'00.0" W	483.64					
POT	684538.468	934792.734							

A_RAMP2B									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	684545.270	934781.304	N 18°45'00.0" E	133.99					
LINE									
PC	684672.151	934824.375	N 12°28'30.0" E	313.12	12°33'00.0"(LT)	04°00'00.0"	313.75	157.51	1432.39
CURVE									
PT	684977.882	934892.014	N 06°12'00.0" E	333.26					
LINE									
PC	685309.189	934928.005	N 01°56'45.0" E	283.35	08°30'30.0"(LT)	03°00'00.0"	283.61	142.07	1909.86
CURVE									
PT	685592.376	934937.626							

A_RAMP2C									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	684439.718	935036.277	N 02°21'00.0" W	291.37					
LINE									
PC	684730.846	935024.329	N 00°31'00.0" W	91.65	03°40'00.0"(RT)	04°00'00.0"	91.67	45.85	1432.39
CURVE									
PT	684822.493	935023.503	N 01°19'00.0" E	53.94					
LINE									
PC	684876.421	935024.742	N 00°29'30.0" W	180.80	03°37'00.0"(LT)	02°00'00.0"	180.83	90.45	2864.79
CURVE									
PT	685057.218	935023.191	N 02°18'00.0" W	381.33					
LINE									
POT	685438.241	935007.887							

A_RAMP2D									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	682654.810	934489.642	N 32°41'00.0" E	280.16					
LINE									
PC	682890.614	934640.928	N 24°29'00.0" E	326.88	16°24'00.0"(LT)	05°00'00.0"	328.00	165.13	1145.92
CURVE									
PT	683188.102	934776.397	N 16°17'00.0" E	313.81					
LINE									
PC	683489.329	934864.387	N 28°28'59.3" E	42.30	24°23'57.7"(RT)	57°15'00.0"	42.62	21.64	100.08
CURVE									
PCC	683526.506	934884.558	N 64°00'28.9" E	33.24	46°39'02.1"(RT)	136°30'00.0"	34.18	18.10	41.97
CURVE									
PT	683541.074	934914.436	N 87°20'00.0" E	53.20					
LINE									
POT	683543.549	934967.582							

NOTES:

- PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
- 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.