

SURVEY CONTROL SHEET

W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
I-2513AA	RW02C-22
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

I26NB POINT		N	E	BEARING	DIST	DELTA	D	L	T	R
POT		673215.034	927862.105	N 29°18'11.1" W	1580.80					
LINE										
PC		674593.560	927088.415	N 24°19'40.8" W	662.51					
CURVE						09°57'00.6"(RT)	01°30'00.0"	663.34	332.51	3819.72
PCC		675197.241	926815.487	N 09°35'31.6" W	706.45					
CURVE						19°31'17.8"(RT)	02°45'00.0"	709.88	358.41	2083.48
PCC		675893.812	926697.770	N 08°49'15.1" E	861.93					
CURVE						17°18'15.7"(RT)	02°00'00.0"	865.22	435.93	2864.79
PT		676745.552	926829.943	N 17°28'23.0" E	530.91					
LINE		677251.962	926989.352	N 20°50'25.0" E	336.53					
CURVE						06°44'04.1"(RT)	02°00'00.0"	336.72	168.56	2864.79
PCC		677566.474	927109.077	N 44°25'18.4" E	879.89					
CURVE						40°25'42.7"(RT)	04°30'00.0"	898.41	468.82	1273.24
PCC		678194.897	927724.943	N 67°41'04.9" E	304.72					
CURVE						06°05'50.2"(RT)	02°00'00.0"	304.86	152.58	2864.79
PT		678310.600	928006.842							

RAMP2-SW POINT		N	E	BEARING	DIST	DELTA	D	L	T	R	DELTA S	Ls	LT	ST
POT		674587.687	927077.950											
LINE				N 29°18'11.1" W	1322.52									
TS		675740.979	926430.672	N 30°28'10.9" W	199.97									
SPIRAL											03°30'00.0"(LT)	200.00	133.36	66.69
SC		675913.329	926329.272	N 52°18'44.5" W	1093.40									
CURVE						39°01'06.9"(LT)	03°30'00.0"	1114.82	580.00	1637.02				
CS		676581.786	925464.004	N 74°09'18.1" W	199.97									
SPIRAL											03°30'00.0"(LT)	200.00	133.36	66.69
ST		676636.384	925271.636	N 75°19'18.0" W	1806.96									
LINE		677094.254	923523.647											
POT														

I26SB POINT		N	E	BEARING	DIST	DELTA	D	L	T	R	DELTA S	Ls	LT	ST
POT		673257.100	927753.928											
LINE				N 31°35'05.2" W	2810.34									
TS		675651.136	926281.984	N 28°15'08.3" W	399.46									
SPIRAL											10°00'00.0"(RT)	400.00	267.09	133.72
SC		676003.008	926092.898	N 04°44'09.4" E	1016.19									
CURVE						52°38'29.2"(RT)	05°00'00.0"	1052.83	566.86	1145.92				
PCC		677015.726	926176.798	N 38°57'50.4" E	630.58									
CURVE						15°48'52.8"(RT)	02°30'00.0"	632.59	318.32	2291.83				
PCC		677506.028	926573.327	N 58°48'08.4" E	1579.33									
CURVE						23°51'43.2"(RT)	01°30'00.0"	1590.80	807.10	3819.72				
PT		678324.108	927924.262	N 70°44'00.0" E	73.50									
LINE		678348.360	927993.643											
POT														

RAMP2-ES POINT		N	E	BEARING	DIST	DELTA	D	L	T	R
PC		677185.016	927053.689	S 85°10'22.7" W	491.15					
CURVE						19°44'37.1"(LT)	04°00'00.0"	493.59	249.27	1432.39
PCC		677143.686	926564.278	S 49°00'35.1" W	622.78					
CURVE						52°34'58.2"(LT)	08°09'00.0"	645.19	347.32	703.02
PCC		676735.184	926094.188	S 09°47'02.2" W	394.61					
CURVE						25°52'07.6"(LT)	06°30'00.0"	397.98	202.44	881.47
PT		676346.314	926027.131							

RAMP2-NW POINT		N	E	BEARING	DIST	DELTA	D	L	T	R
POT		677835.329	926956.112							
LINE				S 54°51'09.9" W	468.36					
PC		677565.703	926573.144	S 68°30'41.2" W	1352.97					
CURVE						27°19'02.8"(RT)	02°00'00.0"	1365.87	696.17	2864.79
PT		677070.089	925314.217							

RAMP2-SE POINT		N	E	BEARING	DIST	DELTA	D	L	T	R	DELTA S	Ls	LT	ST
PC		673757.493	927571.414	N 26°33'11.1" W	549.79									
CURVE						05°30'00.0"(RT)	01°00'00.0"	550.00	275.21	5729.58				
PT		674249.290	927325.644	N 23°48'11.1" W	908.95									
LINE		675080.925	926958.796	N 22°28'11.3" W	199.96									
TS											04°00'00.0"(RT)	200.00	133.37	66.70
SPIRAL		675265.701	926882.373	N 12°06'24.1" W	383.66									
SC						15°23'34.0"(RT)	04°00'00.0"	384.82	193.58	1432.39				
CURVE		675640.831	926801.906	N 31°30'33.2" E	840.31									
PCC		676357.244	927241.083	N 72°45'45.1" E	199.83									
CURVE						71°50'20.6"(RT)	08°00'00.0"	897.99	518.81	716.20				
CS		676357.244	927241.083	N 72°45'45.1" E	199.83									
SPIRAL											08°00'00.0"(RT)	200.00	133.47	66.79
ST		676357.244	927241.083											

C.EY POINT		N	E	BEARING	DIST	DELTA	D	L	T	R	DELTA S	Ls	LT	ST
POT		678204.295	924763.448	S 01°50'00.0" W	137.03									
LINE														
TS		678067.333	924759.064	S 04°19'58.7" W	149.89									
SPIRAL											07°30'00.0"(RT)	150.00	100.09	50.08
SC		677917.876	924747.739	S 22°23'30.0" W	258.91									
CURVE						26°07'00.0"(RT)	10°00'00.0"	261.17	132.89	572.96				
CS		677678.486	924649.111	S 40°27'01.3" W	149.89									
SPIRAL											07°30'00.0"(RT)	150.00	100.09	50.08
ST		677564.428	924551.866	S 42°57'00.0" W	1143.12									
LINE		676727.722	923772.990	S 53°24'08.9" W	259.86									
PC		676572.793	923564.359	S 69°36'38.9" W	287.31									
CURVE						20°54'17.8"(RT)	08°00'00.0"	261.31	132.12	716.20				
PCC		676472.696	923295.050	S 75°22'00.0" W	609.72									
CURVE						11°30'42.3"(RT)	04°00'00.0"	287.79	144.38	1432.39				
PT		676318.661	922705.108											
LINE														
POT														

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.

REVISIONS