


# SURVEY CONTROL SHEET

## W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
R-2577A	RW02C-12
<b>Location and Surveys</b>	
PROJECT SURVEYOR	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

EY13A									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	872613.681	1657387.814	S 44°39'05.9" E	95.63					
LINE									
PC	872573.317	1657426.813	S 78°24'18.2" E	138.22	51°32'08.6" I	36°01'08.1"	142.98	76.73	159.07
CURVE									
PT	872526.394	1657557.823	N 83°58'45.6" E	386.96					
LINE									
POT	872568.434	1657941.767							

EY20C									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	881016.953	1664829.179	N 31°19'22.6" E	58.83					
LINE									
PC	881053.689	1664855.187	N 86°08'38.8" E	382.29	58°25'45.2" I	12°45'10.9"	394.91	211.28	448.69
CURVE									
PT	881439.888	1664956.866	N 19°06'22.6" W	91.28					
LINE									
POT	881486.189	1664879.187							

EY15									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	876497.493	1668050.362	N 47°26'22.9" W	18.11					
LINE									
PC	876478.245	1668077.618	N 68°08'07.3" W	129.51	28°23'29.5" I	19°26'46.2"	138.58	66.38	294.64
CURVE									
PT	876534.735	1668465.299	N 72°49'52.1" W	273.63					
LINE									
PC	876615.587	1668283.364	N 81°24'56.0" W	155.74	17°10'07.9" I	10°58'59.1"	156.32	78.75	521.67
CURVE									
PT	876638.793	1668049.872	N 90°00'00.0" W	21.79					
LINE									
POT	876638.793	1668028.885							

EY20D				
POINT	N	E	BEARING	DIST
POT	880738.482	1664631.488	N 38°50'24.6" E	184.51
LINE				
POT	880826.198	1664697.283		

EY16				
POINT	N	E	BEARING	DIST
POT	876587.899	1661487.544	N 09°34'53.0" E	1167.66
LINE				
POT	877669.228	1661681.118		

EY20_1									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	881286.489	1663289.158	S 72°52'29.3" E	426.39					
LINE									
PC	881195.229	1663695.678	S 69°27'15.9" E	583.74	02°58'26.8" I	01°21'25.9"	584.84	252.32	4221.61
CURVE									
PT	880958.442	1664167.374	S 68°02'02.5" E	171.12					
LINE									
POT	880888.933	1664323.743							

EY17				
POINT	N	E	BEARING	DIST
POT	877668.997	1661688.924	N 09°55'11.8" E	1724.47
LINE				
POT	879384.274	1661778.778		

EY20_2									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	880882.281	1664317.824	S 65°35'41.9" E	176.61					
LINE									
PC	880809.238	1664478.658	S 64°27'39.9" E	428.36	02°16'04.0" I	00°31'45.7"	428.39	214.22	10823.41
CURVE									
PT	880624.553	1664865.158	S 63°19'38.0" E	188.86					
LINE									
POT	880679.279	1664956.282							

EY17A				
POINT	N	E	BEARING	DIST
POT	877894.825	1661445.241	S 89°47'03.9" E	178.95
LINE				
POT	877893.352	1661624.187		

EY21				
POINT	N	E	BEARING	DIST
POT	881235.725	1664638.488	S 48°19'35.4" E	231.82
LINE				
POT	881081.593	1664883.563		

EY17B				
POINT	N	E	BEARING	DIST
POT	878396.660	1661574.656	S 73°49'59.1" E	182.82
LINE				
POT	878388.832	1661673.486		

EY22				
POINT	N	E	BEARING	DIST
POT	881685.462	1664961.151	S 47°59'59.9" E	236.51
LINE				
POT	881447.288	1665136.918		

EY17C				
POINT	N	E	BEARING	DIST
POT	879288.489	1661768.543	N 14°04'24.9" W	187.83
LINE				
POT	879398.599	1661714.889		

EY23									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	883494.071	1666688.056	N 80°08'29.1" E	254.82					
LINE									
PC	883537.697	1666938.384	N 85°09'34.5" E	236.22	10°05'58.8" I	04°16'08.3"	236.53	118.57	1342.14
CURVE									
PT	883657.638	1667165.686	S 89°47'38.1" E	413.85					
LINE									
POT	883556.125	1667579.533							

EY18				
POINT	N	E	BEARING	DIST
POT	880852.244	1663597.718	S 58°54'46.6" E	241.74
LINE				
POT	879899.829	1663785.351		

EY24									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	883839.252	1666994.631	N 85°48'24.2" E	8.81					
LINE									
PC	883839.259	1666994.632	N 85°28'11.8" E	1416.49	00°48'24.9" I	00°02'51.2"	1416.58	788.26	128498.76
CURVE									
PT	885249.686	1667126.375	N 84°59'59.3" E	381.99					
LINE									
POT	885638.144	1667195.666							

EY19				
POINT	N	E	BEARING	DIST
POT	880288.243	1663888.546	S 49°18'08.8" E	237.86
LINE				
POT	880133.784	1663988.384		

EY25				
POINT	N	E	BEARING	DIST
POT	868782.956	1654213.997	S 49°58'05.3" E	648.96
LINE				
POT	868285.938	1654188.899		

EY20A				
POINT	N	E	BEARING	DIST
POT	881231.849	1663384.698	N 17°16'15.8" E	188.16
LINE				
POT	881326.689	1663414.434		

EY20B				
POINT	N	E	BEARING	DIST
POT	880945.467	1663685.537	N 72°34'46.1" E	386.38
LINE				
POT	881037.183	1663977.968		

I, Michael L. Motsinger, PLS, certify that the Project Control was completed under my supervision from an actual GPS survey made under my supervision and the following information was used to perform the survey:

Class of survey: **AA**  
 Type of GPS field procedure: Static  
 Dates of survey: 10/12/2017 - 11/20/2017  
 Datum/Epoch: NAD 83 / NA 2011  
 Published/Fixed-control use: [Project Control if applicable, N/A for RTN]  
 Localized around: US824-4  
 Northing: 882418.740  
 Easting: 1660181.131  
 Combined grid factor: 0.99995790  
 Geoid model: G12NC  
 Units: US Survey Feet

I also certify that the Baseline Control for this project was verified under my direct and responsible charge from an actual survey made under my supervision; that all horizontal closures had a minimum ratio of precision of 1:20,000 (Class AA) and Vertical accuracy to Class A. Field work was performed from 10/12/2017 to 5/3/2018, and all coordinates are based on NAD 83/2011 and all elevations are based on NAVD 88, that this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 10 day of January, 2022.

DocuSigned by:  
**Michael L. Motsinger**  
 F0B8FE10E23C4E...  
 Michael L. Motsinger  
 Professional Land Surveyor L-3877



REVISIONS

I:\\_JAN-2022\1416\S:\Units\Dir\03\Winston\Rhys Computer\Rur-01\VR2577A\Right of Way\Road\T\Sheets\ToBeChecked\VR2577A-L.S.-RW02C-12.dgn  
 AT LS-312635  
 m. motsinger

### 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.