

SECONDARY SURVEY CONTROL SHEET
W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

BASELINE POINTS TABLE				
POINT	DESC	NORTH	EAST	ELEVATION
1	BL-1	736562.6351	1672668.5568	776.56
2	BL-2	737171.7309	1672897.9230	786.39
3	BL-3	737951.9843	1673412.2281	778.77
4	BL-4	738486.2215	1673715.4880	755.77
5	BY-5	737681.0405	1672706.2140	762.95
6	BY-6	737462.7802	1673563.5583	772.47

BENCHMARK POINT TABLE				
BENCHMARK	NORTHING	EASTING	ELEVATION	DESCRIPTION
BM1	737692.8670	1673322.6596	779.64	RR SPIKE IN 10" OAK

EXISTING ALIGNMENT NAME:EL									
POINT	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R
START	736358.117	1672540.402							
LINE			N24°34'38.426"E	246.952					
PC	736582.695	1672643.114							
CURVE					05°41'16.873" Right	00°48'00.001"	711.002	355.793	7161.970
PT	737216.094	1672965.472							
LINE			N29°49'01.592"E	1680.587					
END	738674.200	1673801.116							

EXISTING ALIGNMENT NAME:EY									
POINT	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R
START	737814.115	1672360.768							
LINE			S72°24'22.598"E	1579.092					
END	737336.810	1673865.996							

EXISTING ALIGNMENT NAME:EY1									
POINT	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R
START	737499.325	1674021.655							
LINE			N84°24'49.929"W	91.898					
PC	737508.271	1673930.193							
CURVE					22°40'52.734" Left	30°58'14.490"	73.235	37.103	185.000
PT	737500.976	1673857.802							
LINE			S72°54'17.336"W	10.081					
PC	737498.012	1673848.167							
CURVE					43°56'10.965" Left	71°37'11.008"	61.347	32.270	80.000
PT	737460.293	1673801.692							
LINE			S28°58'06.372"W	100.239					
END	737372.595	1673753.144							

EXISTING ALIGNMENT NAME:RAMP_A									
POINT	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R
START	737908.843	1673362.489							
LINE			S24°11'20.523"E	527.150					
END	737427.978	1673578.487							

I, MICHAEL L. MOTSINGER, PLS, CERTIFY THAT THE SECONDARY BASELINE CONTROL FOR THIS PROJECT WAS COMPLETED UNDER MY DIRECT AND RESPONSIBLE CHARGE FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION UTILIZING PRIMARY GPS CONTROL SET BY OTHERS; THAT ALL HORIZONTAL CLOSURES HAD A MINIMUM RATIO OF PRECISION OF 1:20,000 (CLASS AA) AND VERTICAL ACCURACY TO 1:10,000 (CLASS A). FIELD WORK WAS PERFORMED FROM APRIL 2017 TO FEBRUARY 2024, AND ALL COORDINATES ARE BASED ON NAD 83/NA 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 30TH DAY OF JANUARY, 2025.

DocuSigned by:
Michael L. Motsinger
FD68FE70E23C40E...

PROFESSIONAL LAND SURVEYOR L-3877

EXISTING ALIGNMENT NAME:RAMP_B									
POINT	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R
START	737702.270	1672713.481							
LINE			N64°17'00.000"E	203.309					
PC	737790.490	1672896.652							
CURVE					13°37'05.528" Right	06°00'01.350"	226.956	114.015	954.870
PT	737863.860	1673110.857							
LINE			N77°54'05.528"E	263.331					
END	737919.053	1673368.339							

EXISTING ALIGNMENT NAME:RAMP_C									
POINT	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R
START	737713.883	1672676.858							
LINE			S21°12'34.240"E	641.659					
END	737115.687	1672908.997							

EXISTING ALIGNMENT NAME:RAMP_D									
POINT	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R
START	737249.522	1672984.630							
LINE			N81°55'40.738"E	203.820					
PC	737278.142	1673186.431							
CURVE					23°12'04.156" Left	11°45'01.185"	197.451	100.097	487.610
PT	737344.160	1673371.090							
LINE			N58°43'36.582"E	189.312					
END	737442.435	1673532.895							

NOTES:

1. THE PROPOSED ALIGNMENT 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.

B-5777

R/W02C-3

NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION



PROFESSIONAL LAND
SURVEYOR

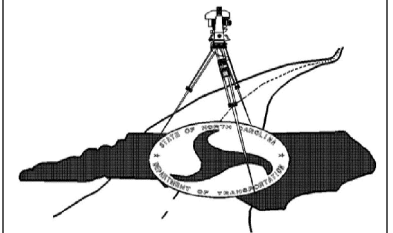


DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL SIGNATURES
ARE COMPLETED

2024 STANDARD
SPECIFICATIONS

TIP PROJECT: B-5777
County: DAVIDSON

PREPARED FOR



LOCATION AND
SURVEYS UNIT

PREPARED BY
LOCATION AND SURVEYS
DIVISION 9
403 POLO ROAD
WINSTON-SALEM, NC
27105