

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

SURVEY CONTROL BASELINE AND BENCHMARKS

BL POINT	DESC.	NORTH	EAST	ELEVATION
4	BL -4	864395.1221	1543468.4136	753.60
3	BL -3	864828.7817	1543721.4311	779.56
1	GPS R5730-1	865436.7910	1543609.6220	797.98
2	GPS R5730-2	866029.2760	1543635.8240	815.37

.....
 BM1 ELEVATION = 767.17
 N 865042 E 1543111
 RAILROAD SPIKE SET IN 22" POPLAR TREE

.....
 BM4 ELEVATION = 819.00
 N 865995 E 1543705
 RAILROAD SPIKE SET IN 28" OAK TREE

SURVEY CONTROL W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION (EXISTING AND PROPOSED ALIGNMENTS ARE THE SAME)

EL POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	864375.976	1543480.651							
LINE			N 33°11'52.4" E	208.90					
PC	864550.781	1543595.031							
CURVE			N 13°14'17.4" E	409.63	39°55'010.0(LT)	09°32'57.5"	418.04	217.90	600.00
PT	864949.527	1543688.836							
LINE			N 06°43'17.6" W	447.87					
PC	865394.317	1543636.416							
CURVE			N 00°03'09.1" W	301.95	13°20'17.0(RT)	04°24'26.5"	302.63	152.00	1300.00
PT	865696.265	1543636.139							
LINE			N 06°36'59.5" E	214.13					
PC	865908.967	1543660.812							
CURVE			N 00°55'46.5" E	264.58	11°22'25.9(LT)	04°17'30.5"	265.01	132.94	1335.00
PT	866173.510	1543665.104							

EY POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	865187.492	1543396.395							
CURVE			S 81°48'33.8" E	537.25	05°56'47.7(RT)	01°06'22.9"	537.49	268.99	5178.76
PT	865110.952	1543928.164							

EYRAMPA POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	865457.212	1543630.549							
LINE			N 86°03'46.1" E	3.74					
PC	865457.469	1543634.282							
CURVE			S 77°24'21.5" E	85.36	33°03'44.8(RT)	38°11'49.9"	86.56	44.52	150.00
PT	865438.857	1543717.590							
LINE			S 60°52'29.1" E	220.02					
POT	865331.770	1543909.787							

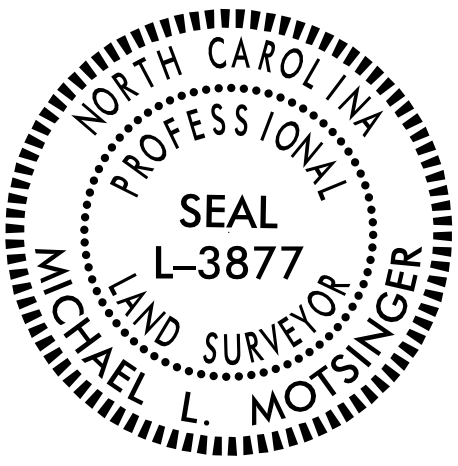
EYRAMPB POINT	N	E	BEARING	DIST
POT	865400.481	1543376.173		
LINE			N 70°52'30.8" E	267.38
POT	865488.081	1543628.793		

EYRAMPC POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	864999.353	1543423.237							
LINE			S 68°25'45.1" E	215.49					
PC	864920.129	1543623.633							
CURVE			S 80°54'41.1" E	43.23	24°57'52.0(LT)	57°17'44.8"	43.57	22.14	100.00
PT	864913.301	1543666.318							
LINE			N 86°36'22.9" E	25.64					
POT	864914.818	1543691.908							

EYRAMPD POINT	N	E	BEARING	DIST
POT	864888.651	1543692.887		
LINE			N 84°17'29.8" E	261.25
POT	864914.637	1543952.843		

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. BR-0051	SHEET NO. RW02C-2
Location and Surveys	
PROJECT SURVEYOR	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

I, Michael L. Motsinger, PLS, certify that the Project Control was performed/verified 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, OPUS, RTN]
 Dates of survey: August 2019 - November 2019
 Datum/Epoch: NAD 83 / NA 2011
 Published/Fixed-control use: [Project Control if applicable, N/A for RTN]
 Localized around: R5730-2
 Northing: 866029.276
 Easting: 1543635.824
 Combined grid factor: 0.9999535327
 Geoid model: G12NC
 Units: US Survey Feet

I also certify that the Baseline Control for this project was completed 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 August 2019 to November 2019, 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 24th day of February, 2022.

DocuSigned by:

 F0BFF7E233A6E
 Michael L. Motsinger
 Professional Land Surveyor L-3877

