

09/06/99

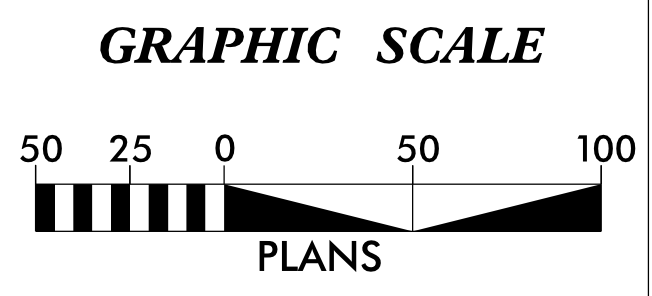
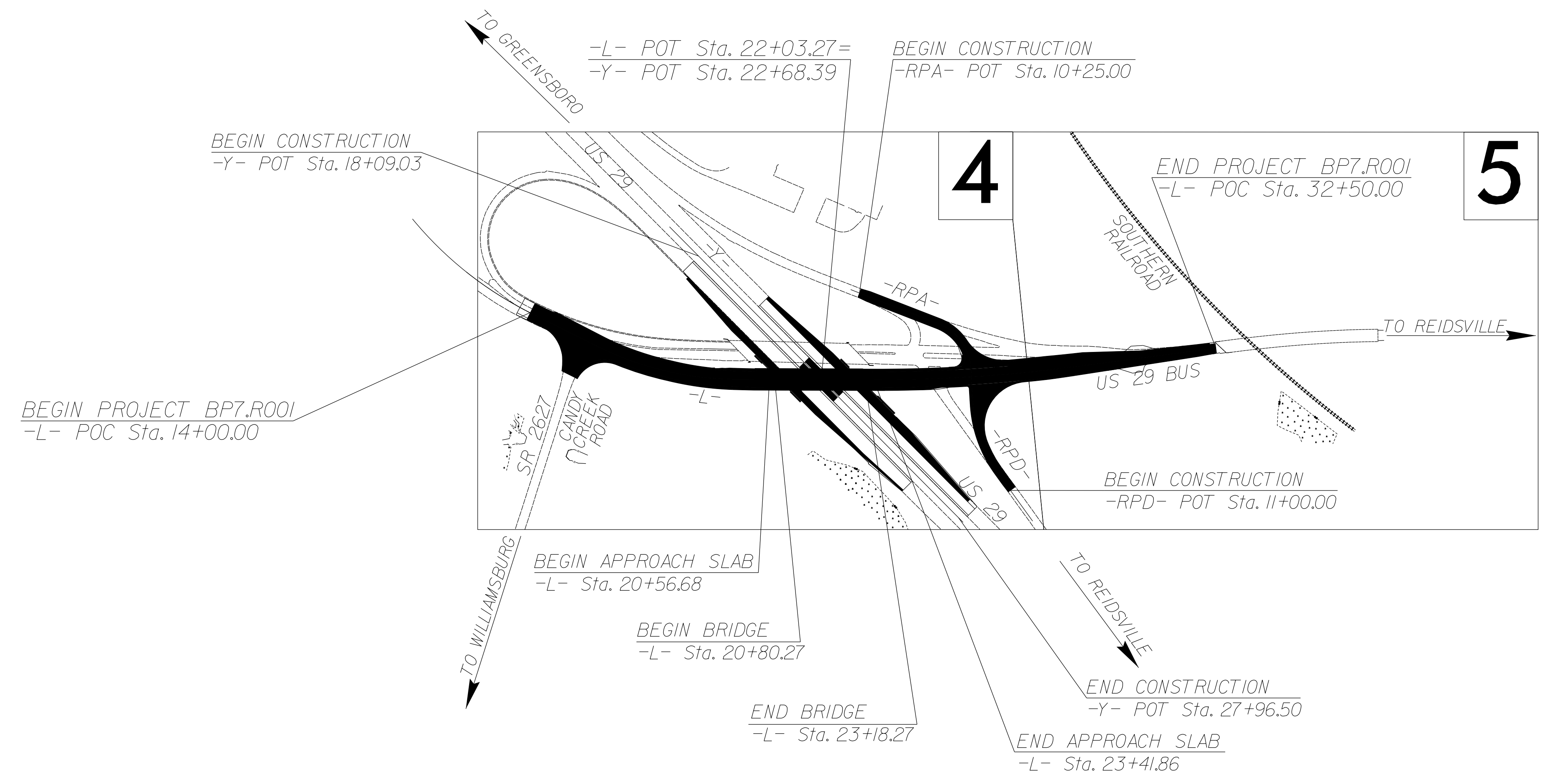
TIP PROJECT: BP7.R001

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	BP7.R001	RW01	05

STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS

SURVEY CONTROL, EXISTING CENTERLINES,
 RIGHT OF WAY, EASEMENTS AND PROPERTY TIES

ROCKINGHAM COUNTY



DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "78-0023-GPS2" WITH NAD 83/NSRS 2011 STATE PLANE GRID COORDINATES OF NORTHING: 914130.675(ft) EASTING: 1807353.380(ft) ELEVATION: 701.644(ft)

THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.99999870

THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "78-0023-GPS2" TO -L- STATION 10+00.00 IS S 17°46'52.3" E 547.63'(ft)

ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES VERTICAL DATUM USED IS NAVD 88

Prepared in the Office of:

ONE WEST FOURTH ST., SUITE 820
 WINSTON SALEM, N.C. 27101
 LICENSE NO.: F-0672
 www.stantec.com

2024 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE: 10/17/2025

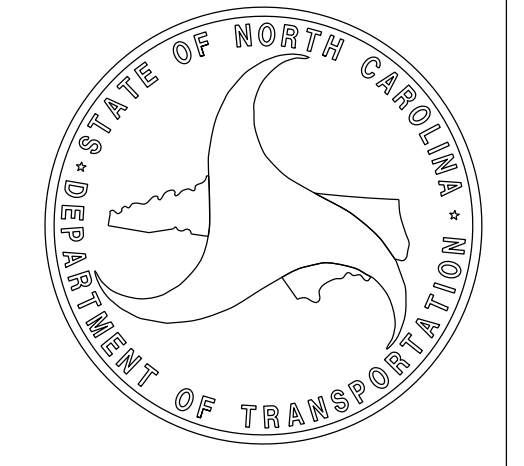
LETTING DATE: 06/16/2026

PROFESSIONAL LAND SURVEYOR

DocuSigned by:
 Clinton B. Osborne
 046F8D8F56446B

2/6/2026

SIGNATURE: _____ Date: _____



06-FEB-2026 09:38
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 cosborne AT OSBORNE-LT

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO. BP7.R001	SHEET NO. RW02C-2
Location and Surveys	
<p style="font-size: 8px; margin: 0;"> Stantec ONE WEST FOURTH ST., SUITE 820 WINSTON SALEM, N.C. 27101 LICENSE NO.: F-0672 www.stantec.com </p>	
PROJECT SURVEYOR 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

BASELINE

BL	POINT	DESC.	NORTH	EAST	ELEVATION
1		780023 GPS1	913392.3233	1806680.0984	731.38
2		780023 GPS2	914130.6750	1807353.3800	701.64
3		BY-3	914715.0668	1807891.7290	677.91
4		BY-4	915549.4463	1808638.2796	664.90
5		BY-5	916231.1389	1809269.6675	667.95

BY	POINT	DESC.	NORTH	EAST	ELEVATION
7		BL-7	913501.0529	1807347.9193	718.05
8		BL-8	914096.8378	1807868.4867	706.61
3		BY-3	914715.0668	1807891.7290	677.91
9		BL-9	914977.0713	1807784.6266	701.76
10		BL-10	915582.9813	1807759.3951	700.19
11		BL-11	916333.2393	1807677.9334	677.20

.....
 BM1 ELEVATION = 697.35
 N 915706 E 1807950
 BY STATION 29+01.00 202 RIGHT
 RR SPIKE IN 12" POPLAR

.....
 BM2 ELEVATION = 686.65
 N 915422 E 1808785
 BL STATION 34+20.00 195 RIGHT
 RR SPIKE IN 24" POPLAR

.....
 BM3 ELEVATION = 680.28
 N 913896 E 1808329
 BY STATION 12+91.00 502 RIGHT
 RR SPIKE IN 20" SWEETGUM

I, Clinton B. Osborne, PLS, certify that the Project Control was performed 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: OPUS
 Dates of survey: 10/10/2016
 Datum/Epoch: NAD83 NA2011
 Published/Fixed-control use: N/A
 Localized around: 78-0023 GPS2
 Northing: 914130.675
 Easting: 1807353.380
 Combined grid factor: 0.99999870
 Geoid model: GEIOD12B
 Units: US SURVEY FOOT

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 10/11/2016 to 10/31/2016, 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 6th day of February, 2026.

DocuSigned by:

046F6B085F6449B

Professional Land Surveyor L-3834

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.

PROPOSED ALIGNMENT CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
BP7.R001	RW02D-1

Location and Surveys



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

I, Clinton B. Osborne, PLS, certify that the data compiled came from available surveys/mapping performed by others and provided to me by NCDOT and do not certify to the accuracy or quality of the individual data sources.

This 6th day of February, 2026.

DocuSigned by:
Clinton B. Osborne
0A6FF6B085F6449B

Professional Land Surveyor L-3834

L

TYPE	STATION	NORTH	EAST
PC	10+00.00	913609.2094	1807520.6155
PT	14+00.00	913931.5981	1807752.4449
PC	15+96.29	914111.2834	1807831.4458
PT	19+79.91	914485.1096	1807901.0007
PC	23+37.93	914842.7473	1807884.4275
PT	28+77.16	915378.0923	1807823.2889
POT	32+50.00	915744.8310	1807756.1308

Y

TYPE	STATION	NORTH	EAST
POT	10+00.00	913770.7924	1807036.2522
POT	42+50.00	916172.8069	1809225.5047

RPA

TYPE	STATION	NORTH	EAST
POT	10+00.00	914774.1127	1807649.6349
PC	12+48.21	915009.7093	1807727.7498
PT	14+01.95	915101.3797	1807840.8250
POT	14+25.00	915103.9520	1807863.7319

RPD

TYPE	STATION	NORTH	EAST
POT	10+00.00	915284.2190	1808236.3553
PC	11+59.03	915184.7846	1808112.2501
PT	13+50.67	915112.2468	1807937.5993
POT	14+25.00	915103.9520	1807863.7319

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