

PROPOSED ALIGNMENT CONTROL SHEET

I, MATTHEW T. CORNWELL, 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 3/3/2025

Signed by: Matthew Cornwell  
EB030F11473E475  
PROFESSIONAL LAND SURVEYOR L-4775

| PROPOSED ALIGNMENT: L |             |             |              |               |        |             |             |        |        |          |    |    |
|-----------------------|-------------|-------------|--------------|---------------|--------|-------------|-------------|--------|--------|----------|----|----|
| POINT                 | STATION     | NORTHING    | EASTING      | BEARING       | DIST   | DELTA       | D           | L      | T      | R        | LT | ST |
| START                 | 10+00.00 R1 | 573082.6235 | 1183822.3905 | N36°23'25.5"E | 233.28 |             |             |        |        |          |    |    |
| PC                    | 12+33.28 R1 | 573270.4123 | 1183960.7917 | N36°08'37.3"E | 633.34 | 00°29'36.4" | 00°04'40.5" | 633.34 | 316.67 | 73539.16 |    |    |
| PT                    | 18+66.62 R1 | 573781.8609 | 1184334.3440 | N35°53'49.0"E | 600.10 |             |             |        |        |          |    |    |
| PC                    | 24+66.72 R1 | 574267.9857 | 1184686.2004 | N40°49'57.3"E | 292.52 | 09°52'16.6" | 03°22'13.2" | 292.89 | 146.81 | 1700.00  |    |    |
| PT                    | 27+59.61 R1 | 574489.3163 | 1184877.4677 | N45°46'05.6"E | 260.19 |             |             |        |        |          |    |    |
| PC                    | 30+19.80 R1 | 574670.8176 | 1185063.9025 | N45°52'22.1"E | 138.32 | 00°12'32.9" | 00°09'04.3" | 138.32 | 69.16  | 37893.30 |    |    |
| PRC                   | 31+58.13 R1 | 574767.1258 | 1185163.1905 | N45°38'55.8"E | 155.64 | 00°39'25.8" | 00°29'20.0" | 155.64 | 77.82  | 13569.69 |    |    |
| PT                    | 33+13.77 R1 | 574875.9286 | 1185274.4857 | N45°19'12.7"E | 188.30 |             |             |        |        |          |    |    |
| END                   | 35+02.08 R1 | 575008.3342 | 1185408.3795 |               |        |             |             |        |        |          |    |    |

| PROPOSED ALIGNMENT: Y1 |             |             |              |               |         |             |             |        |        |          |    |    |
|------------------------|-------------|-------------|--------------|---------------|---------|-------------|-------------|--------|--------|----------|----|----|
| POINT                  | STATION     | NORTHING    | EASTING      | BEARING       | DIST    | DELTA       | D           | L      | T      | R        | LT | ST |
| START                  | 10+00.00 R1 | 574588.2215 | 1182528.8764 | S75°38'25.9"E | 2924.64 |             |             |        |        |          |    |    |
| PC                     | 39+24.64 R1 | 573862.8975 | 1185362.1429 | S75°57'07.6"E | 329.87  | 00°37'23.5" | 00°11'20.1" | 329.88 | 164.94 | 30327.83 |    |    |
| PCC                    | 42+54.51 R1 | 573782.8261 | 1185682.1523 | S79°32'33.5"E | 366.40  | 06°33'28.1" | 01°47'19.7" | 366.60 | 183.50 | 3203.00  |    |    |
| PCC                    | 46+21.11 R1 | 573716.3229 | 1186042.4675 | S88°34'53.9"E | 577.37  | 11°31'12.7" | 01°59'31.0" | 578.34 | 290.15 | 2876.37  |    |    |
| END                    | 51+99.45 R1 | 573702.0316 | 1186619.6562 |               |         |             |             |        |        |          |    |    |

| PROPOSED ALIGNMENT: RPA |             |             |              |               |        |       |   |   |   |   |    |    |
|-------------------------|-------------|-------------|--------------|---------------|--------|-------|---|---|---|---|----|----|
| POINT                   | STATION     | NORTHING    | EASTING      | BEARING       | DIST   | DELTA | D | L | T | R | LT | ST |
| START                   | 10+00.00 R1 | 574159.1443 | 1184941.0702 | N55°27'35.3"W | 289.24 |       |   |   |   |   |    |    |
| END                     | 12+69.24 R1 | 574311.7990 | 1184719.2896 |               |        |       |   |   |   |   |    |    |

| PROPOSED ALIGNMENT: RPB |             |             |              |               |        |       |   |   |   |   |    |    |
|-------------------------|-------------|-------------|--------------|---------------|--------|-------|---|---|---|---|----|----|
| POINT                   | STATION     | NORTHING    | EASTING      | BEARING       | DIST   | DELTA | D | L | T | R | LT | ST |
| START                   | 10+00.00 R1 | 574358.0923 | 1184293.8043 | N86°03'48.5"E | 492.11 |       |   |   |   |   |    |    |
| END                     | 14+92.11 R1 | 574391.8765 | 1184784.7565 |               |        |       |   |   |   |   |    |    |

| PROPOSED ALIGNMENT: RPC |             |             |              |               |        |             |             |        |        |          |    |    |
|-------------------------|-------------|-------------|--------------|---------------|--------|-------------|-------------|--------|--------|----------|----|----|
| POINT                   | STATION     | NORTHING    | EASTING      | BEARING       | DIST   | DELTA       | D           | L      | T      | R        | LT | ST |
| PC                      | 10+00.00 R1 | 574026.8089 | 1184060.9179 | S57°38'00.5"E | 216.58 | 00°33'48.5" | 00°15'36.6" | 216.58 | 108.29 | 22022.71 |    |    |
| PT                      | 12+16.58 R1 | 573910.8676 | 1184243.8483 | S57°54'54.7"E | 149.28 |             |             |        |        |          |    |    |
| END                     | 13+65.86 R1 | 573831.5746 | 1184370.3268 |               |        |             |             |        |        |          |    |    |

| PROPOSED ALIGNMENT: RPD |             |             |              |               |        |       |   |   |   |   |    |    |
|-------------------------|-------------|-------------|--------------|---------------|--------|-------|---|---|---|---|----|----|
| POINT                   | STATION     | NORTHING    | EASTING      | BEARING       | DIST   | DELTA | D | L | T | R | LT | ST |
| START                   | 10+00.00 R1 | 573800.9295 | 1184895.3059 | S85°28'25.2"W | 582.24 |       |   |   |   |   |    |    |
| END                     | 15+82.24 R1 | 573754.9604 | 1184314.8788 |               |        |       |   |   |   |   |    |    |

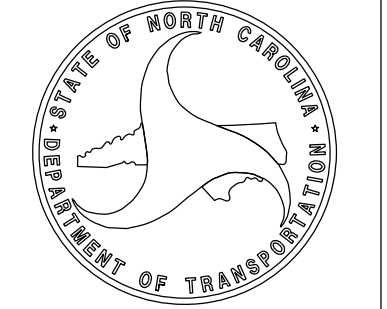
NOTES:

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.

BR-0099

R/W020-I

NORTH CAROLINA  
DEPARTMENT  
OF TRANSPORTATION



PROFESSIONAL LAND  
SURVEYOR

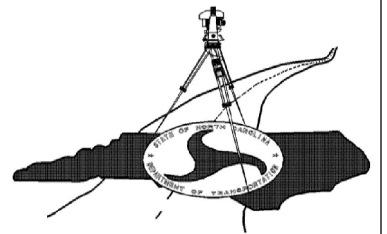


DOCUMENT NOT CONSIDERED  
FINAL UNLESS ALL SIGNATURES  
ARE COMPLETED

2024 STANDARD  
SPECIFICATIONS

TIP PROJECT: BR-0099  
County: Rutherford

PREPARED FOR



LOCATION AND  
SURVEYS UNIT

PREPARED BY

TGS ENGINEERS  
201 WEST MARION ST.  
SUITE 200  
SHELBY, NC 28150  
704-476-0003

