| PROJECT REFERENCE NO. | SHEET NO. |
|---|---|
| W-5209F | 1C |
| DDC Division 9 | |

# SURVEY CONTROL SHEET W-5209F

BL

| POINT | DESC. | NORTH | EAST | ELEVATION | Y3 STATION | OFFSET |
|---|---|---|---|---|---|---|
| 1 | GPS W5209F-1 | 880202.2760 | 1609566.8250 | 799.25 | 13+20.05 | 7.73 RT |

BL

| POINT | DESC. | NORTH | EAST | ELEVATION | L STATION | OFFSET |
|---|---|---|---|---|---|---|
| 2 | GPS W5209F-2 | 879963.1040 | 1609538.8520 | 795.10 | 11+22.92 | 70.85 RT |
| 5 | BL-5 | 880287.3540 | 1609842.3900 | 804.45 | 16+02.25 | 20.33 RT |

BY1

| POINT | DESC. | NORTH | EAST | ELEVATION | L STATION | OFFSET |
|---|---|---|---|---|---|---|
| 3 | BY1-3 | 879860.6750 | 1609417.7270 | 798.52 | OUTSIDE PROJECT LIMITS | |

BY2

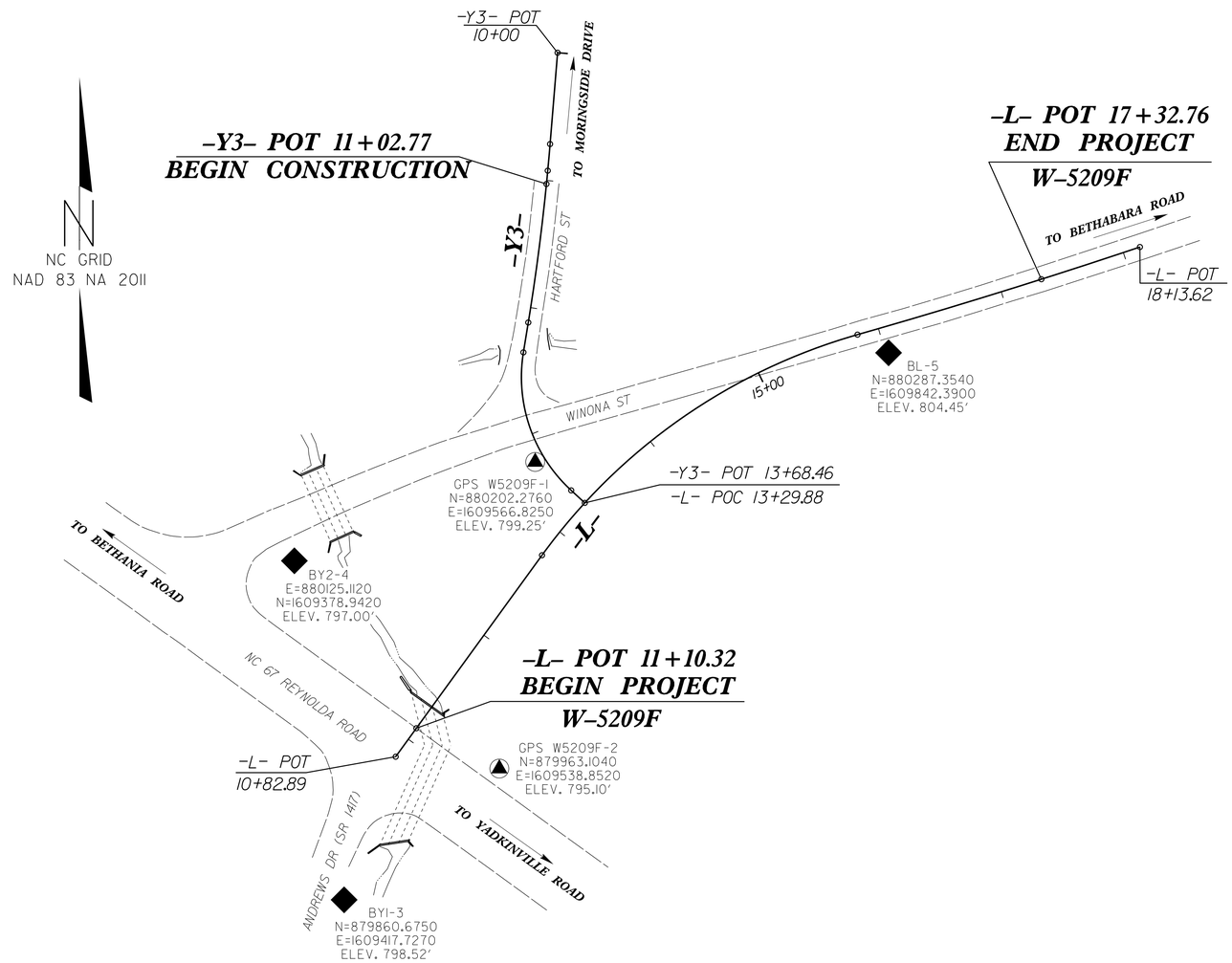
| POINT | DESC. | NORTH | EAST | ELEVATION | L STATION | OFFSET |
|---|---|---|---|---|---|---|
| 4 | BY2-4 | 880125.1120 | 1609378.9420 | 797.00 | 11+60.03 | 153.74 LT |

ROW MARKER CONCRETE OR GRANITE

| ALIGN | STATION | OFFSET | NORTH | EAST |
|---|---|---|---|---|
| L | 11+33.06 | 55.75 | 879980.1824 | 1609532.5923 |
| L | 11+51.63 | 30.00 | 880010.3416 | 1609522.6695 |
| L | 12+77.11 | 30.00 | 880111.8701 | 1609596.4071 |
| L | 15+80.15 | 30.00 | 880271.9734 | 1609823.8945 |

ROW MARKER PERMANENT EASEMENT

| ALIGN | STATION | OFFSET | NORTH | EAST |
|---|---|---|---|---|
| L | 16+02.00 | -30.00 | 880335.6283 | 1609828.1652 |
| L | 16+02.00 | -38.00 | 880343.3132 | 1609825.9423 |
| L | 16+22.00 | -38.00 | 880348.8663 | 1609844.9976 |
| L | 16+22.00 | -30.00 | 880341.1903 | 1609847.2512 |




DESIGN ALIGNMENTS

L

| TYPE | STATION | NORTH | EAST |
|---|---|---|---|
| POT | 10+82.89 | 879972.3531 | 1609458.0021 |
| PC | 12+77.11 | 880129.4985 | 1609572.1328 |
| PC | 15+82.96 | 880301.5530 | 1609818.1971 |
| PT | 15+82.96 | 880301.5530 | 1609818.1971 |
| PT | 18+13.62 | 880369.8954 | 1610038.4868 |
| POT | 23+20.98 | 880531.3665 | 1610519.4670 |

Y3

| TYPE | STATION | NORTH | EAST |
|---|---|---|---|
| POT | 10+00.00 | 880521.4520 | 1609584.2770 |
| PC | 10+71.49 | 880450.2060 | 1609578.4350 |
| PT | 12+11.74 | 880311.0216 | 1609561.4272 |
| PC | 12+35.33 | 880287.7399 | 1609557.6372 |
| PT | 13+54.05 | 880180.0724 | 1609594.9099 |
| POT | 13+68.46 | 880170.3234 | 1609605.5257 |

## DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCGS FOR MONUMENT "W5209F-1"
WITH NAD 83/NA 2011 STATE PLANE GRID COORDINATES OF
NORTHING: 880202.276(ft) EASTING: 1609566.825(ft)
ELEVATION: 799.250(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.99996555
THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "W5209F-1" TO -L- STATION 10+82.89 IS
S 25°19'41.8" W 254.376'
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

*NOTES:*

▲ *INDICATES GEODETIC CONTROL MONUMENTS USED OR SET FOR HORIZONTAL PROJECT CONTROL BY THE NCDOT DDC DIVISION 9*

*PROJECT CONTROL ESTABLISHED USING GLOBAL POSITIONING SYSTEM.*

*NOTE: DRAWING NOT TO SCALE*

6/2/99

10-DEC-2014 09:06
S:\DDC\2013\W5209F_Wingate3\W5209F_ddc_1c.dgn
mpatterson 41 DTS.OUT2.DGN