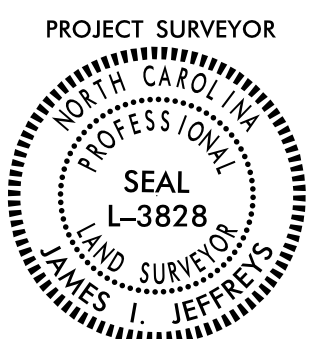


SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

| | |
|---|----------------------|
| PROJECT REFERENCE NO. R-2707E | SHEET NO. RW02C-5 |
| Location and Surveys | |
| LOCATION & SURVEYS UNIT SHELBY FIELD OFFICE | |
|  | |
| DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED | |

| EY40 | | | | | | | | | |
|-------|------------|-------------|-----------------|--------|-----------------|-------------|-------|-------|--------|
| POINT | N | E | BEARING | DIST | DELTA | D | L | T | R |
| POT | 554858.396 | 1268608.675 | S 07°42'00.4" E | 57.18 | | | | | |
| LINE | | | | | | | | | |
| PC | 554801.734 | 1268616.336 | S 03°49'38.3" E | 81.05 | 07°44'44.6"(RT) | 09°32'57.5" | 81.11 | 40.62 | 600.00 |
| CURVE | | | | | | | | | |
| PT | 554720.863 | 1268621.746 | S 00°02'44.3" W | 143.10 | | | | | |
| LINE | | | | | | | | | |
| POT | 554577.762 | 1268621.632 | | | | | | | |

| EY41 | | | | | | | | | |
|-------|------------|-------------|-----------------|--------|-----------------|-------------|--------|--------|---------|
| POINT | N | E | BEARING | DIST | DELTA | D | L | T | R |
| POT | 556435.373 | 1269671.614 | S 21°49'01.2" W | 65.58 | | | | | |
| LINE | | | | | | | | | |
| POT | 556374.488 | 1269647.241 | S 21°01'07.1" W | 69.67 | | | | | |
| LINE | | | | | | | | | |
| POT | 556309.457 | 1269622.254 | S 20°13'13.1" W | 272.30 | | | | | |
| LINE | | | | | | | | | |
| POT | 556053.935 | 1269528.137 | S 19°40'14.2" W | 95.94 | | | | | |
| LINE | | | | | | | | | |
| POT | 555963.596 | 1269495.843 | S 19°07'15.3" W | 291.78 | | | | | |
| LINE | | | | | | | | | |
| POT | 555687.912 | 1269400.266 | S 17°56'58.2" W | 204.44 | | | | | |
| LINE | | | | | | | | | |
| POT | 555493.423 | 1269337.263 | S 16°46'41.0" W | 90.01 | | | | | |
| LINE | | | | | | | | | |
| PC | 555407.247 | 1269311.281 | S 14°40'55.5" W | 219.44 | 04°11'31.0"(LT) | 01°54'35.5" | 219.49 | 109.79 | 3000.00 |
| CURVE | | | | | | | | | |
| PT | 555194.971 | 1269255.662 | S 12°35'10.0" W | 363.17 | | | | | |
| LINE | | | | | | | | | |
| POT | 554840.530 | 1269176.525 | | | | | | | |

| EY42 | | | | | | | | | |
|-------|------------|-------------|-----------------|--------|-----------------|-------------|--------|--------|---------|
| POINT | N | E | BEARING | DIST | DELTA | D | L | T | R |
| PC | 554311.766 | 1270005.851 | S 03°51'29.5" E | 133.41 | 44°48'47.0"(LT) | 32°44'25.6" | 136.87 | 72.15 | 175.00 |
| CURVE | | | | | | | | | |
| PT | 554178.656 | 1270014.828 | S 26°15'53.1" E | 309.38 | | | | | |
| LINE | | | | | | | | | |
| PC | 553901.216 | 1270151.735 | S 20°26'49.1" E | 263.55 | 11°38'07.7"(RT) | 04°24'26.5" | 264.00 | 132.46 | 1300.00 |
| CURVE | | | | | | | | | |
| PT | 553654.273 | 1270243.803 | S 14°37'45.3" E | 349.61 | | | | | |
| LINE | | | | | | | | | |
| PC | 553315.997 | 1270332.102 | S 25°27'22.8" E | 629.28 | 21°39'15.1"(LT) | 03°25'14.3" | 633.04 | 320.34 | 1675.00 |
| CURVE | | | | | | | | | |
| PT | 552747.809 | 1270602.583 | S 36°17'00.4" E | 271.47 | | | | | |
| LINE | | | | | | | | | |
| POT | 552528.978 | 1270763.232 | | | | | | | |

| EY43 | | | | | | | | | |
|-------|------------|-------------|-----------------|--------|-----------------|--------------|--------|--------|---------|
| POINT | N | E | BEARING | DIST | DELTA | D | L | T | R |
| POT | 553786.006 | 1273226.386 | N 02°39'24.0" E | 38.85 | | | | | |
| LINE | | | | | | | | | |
| PC | 553824.814 | 1273228.187 | N 37°32'52.0" E | 57.20 | 69°46'56.0"(RT) | 114°35'29.6" | 60.90 | 34.87 | 50.00 |
| CURVE | | | | | | | | | |
| POT | 553870.166 | 1273263.047 | N 77°18'05.0" E | 67.81 | 09°43'30.0"(RT) | 14°19'26.2" | 67.89 | 34.03 | 400.00 |
| CURVE | | | | | | | | | |
| PT | 553885.073 | 1273329.200 | N 82°09'50.1" E | 110.01 | | | | | |
| LINE | | | | | | | | | |
| PC | 553900.072 | 1273438.185 | N 88°49'03.5" E | 625.69 | 13°18'27.0"(RT) | 02°07'19.4" | 627.10 | 314.97 | 2700.00 |
| CURVE | | | | | | | | | |
| PT | 553912.983 | 1274063.745 | S 84°31'43.1" E | 253.08 | | | | | |
| LINE | | | | | | | | | |
| POT | 553888.852 | 1274315.674 | S 83°10'45.9" E | 173.82 | | | | | |
| LINE | | | | | | | | | |
| PC | 553868.209 | 1274488.264 | S 73°44'32.7" E | 65.59 | 10°52'27.1"(RT) | 28°38'52.4" | 65.88 | 33.24 | 200.00 |
| CURVE | | | | | | | | | |
| POT | 553849.848 | 1274551.227 | S 29°03'00.5" E | 46.18 | 70°30'37.0"(RT) | 143°14'22.0" | 49.23 | 28.27 | 40.00 |
| CURVE | | | | | | | | | |
| PT | 553809.479 | 1274573.650 | S 06°12'17.0" W | 46.34 | | | | | |
| LINE | | | | | | | | | |
| POT | 553763.411 | 1274568.641 | | | | | | | |

| EY43A | | | | |
|-------|------------|-------------|-----------------|---------|
| POINT | N | E | BEARING | DIST |
| POT | 553831.917 | 1275875.907 | N 78°16'35.3" E | 2054.57 |
| LINE | | | | |
| POT | 554249.385 | 1277887.622 | | |

| EY44 | | | | | | | | | |
|-------|------------|-------------|-----------------|--------|-----------------|-------------|--------|-------|---------|
| POINT | N | E | BEARING | DIST | DELTA | D | L | T | R |
| POT | 553374.826 | 1272799.941 | N 53°56'40.1" E | 352.86 | | | | | |
| LINE | | | | | | | | | |
| PC | 553582.508 | 1273085.210 | N 51°41'14.8" E | 86.64 | 04°30'50.0"(LT) | 05°12'31.3" | 86.66 | 43.35 | 1100.00 |
| CURVE | | | | | | | | | |
| POT | 553636.220 | 1273153.190 | N 26°02'37.0" E | 166.71 | 46°46'26.0"(LT) | 27°17'01.3" | 171.44 | 90.82 | 210.00 |
| CURVE | | | | | | | | | |
| PT | 553786.006 | 1273226.386 | | | | | | | |

| EY45 | | | | | | | | | |
|-------|------------|-------------|-----------------|--------|-----------------|-------------|--------|--------|---------|
| POINT | N | E | BEARING | DIST | DELTA | D | L | T | R |
| PC | 556464.958 | 1272373.788 | S 26°55'40.0" E | 638.33 | 03°51'02.0"(RT) | 00°36'11.2" | 638.45 | 319.34 | 9500.00 |
| CURVE | | | | | | | | | |
| POT | 555895.841 | 1272662.865 | S 25°43'54.5" E | 89.10 | 01°27'31.0"(RT) | 01°38'13.3" | 89.10 | 44.55 | 3500.00 |
| CURVE | | | | | | | | | |
| PT | 555815.577 | 1272701.548 | S 26°27'39.9" E | 208.05 | | | | | |
| LINE | | | | | | | | | |
| PC | 555629.323 | 1272794.253 | S 27°05'26.2" E | 153.80 | 01°15'32.0"(LT) | 00°49'06.6" | 153.80 | 76.90 | 7000.00 |
| CURVE | | | | | | | | | |
| PT | 555492.397 | 1272864.293 | | | | | | | |

| EY45A | | | | | | | | | |
|-------|------------|-------------|-----------------|--------|-----------------|-------------|--------|-------|--------|
| POINT | N | E | BEARING | DIST | DELTA | D | L | T | R |
| POT | 554527.550 | 1273708.348 | S 43°55'47.8" E | 111.38 | | | | | |
| LINE | | | | | | | | | |
| PC | 554447.332 | 1273785.624 | S 49°04'49.3" E | 116.70 | 10°18'03.0"(LT) | 08°48'53.0" | 116.86 | 58.59 | 650.00 |
| CURVE | | | | | | | | | |
| PT | 554370.893 | 1273873.807 | S 54°13'50.5" E | 55.48 | | | | | |
| LINE | | | | | | | | | |
| POT | 554338.462 | 1273918.824 | | | | | | | |

| EY46 | | | | | | | | | |
|-------|------------|-------------|-----------------|--------|-----------------|-------------|--------|-------|---------|
| POINT | N | E | BEARING | DIST | DELTA | D | L | T | R |
| POT | 554607.419 | 1273949.452 | S 06°29'48.5" W | 370.93 | | | | | |
| LINE | | | | | | | | | |
| PC | 554238.872 | 1273907.482 | S 10°45'18.9" W | 148.51 | 08°31'01.1"(RT) | 05°43'46.5" | 148.65 | 74.46 | 1000.00 |
| CURVE | | | | | | | | | |
| PT | 554092.968 | 1273879.768 | S 15°00'49.6" W | 173.77 | | | | | |
| LINE | | | | | | | | | |
| POT | 553925.134 | 1273834.754 | | | | | | | |

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.

REVISIONS