PROJECT REFERENCE NO.	SHEET NO.
R-4463AA	1C-4
Location and Surveys	

SURVEY CONTROL SHEET R-4463AA

BASELINE

BL

POINT		DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
BL5		BL-5	502368.6730	2556875.9910	28.83	16+92.38	0.02 LT
BL6		BL-6	503024.5170	2556702.3010	27.65	23+72.50	1.92 RT
BL7		BL-7	503802.4600	2556686.0390	26.98	31+53.05	0.08 LT
BL8		BL-8	504560.0990	2556874.1600	27.20	39+36.01	0.81 RT
BL9		BL-9	505263.8250	2557261.6520	27.43	47+41.65	0.19 RT
GPS3	R-4463AA	GPS-3	506231.4520	2557921.1660	54.17	59+12.62	9.66 LT

FINAL ROW MONUMENTS

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	13+75.30	120.00	502121.0632	2557107.0975
L	14+50.59	-120.00	502099.0434	2556856.5311
L	15+42.91	-120.00	502184.3713	2556821.2934
L	15+42.91	120.00	502275.9794	2557043.1220
L	17+42.91	-120.00	502373.7780	2556745.5506
L	17+42.91	120.00	502457.9423	2556970.3091
L	31+00.00	-120.00	503760.9571	2556561.2029
L	31+00.00	120.00	503738.4153	2556800.1419
L	45+37.81	120.00	505030.1304	2557247.9309
L	45+37.81	-120.00	505160.3150	2557046.3076
L	47+37.81	120.00	505192.3659	2557357.8939
L	47+37.81	-120.00	505329.1978	2557160.7213
L	51+06.68	-120.00	505632.2409	2557371.0242
L	51+13.75	120.00	505501.2138	2557572.2251

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y1	10+65.00	-50.00	502055.8366	2556364.8771
Y1	10+65.00	50.00	501956.2205	2556373.6314
Y1	12+65.00	-50.00	502073.3452	2556564.1093
Y1	12+65.00	50.00	501973.7291	2556572.8636
Y1	21+00.00	-50.00	502146.4436	2557395.9035
Y1	21+00.00	50.00	502046.8276	2557404.6578
Y1	23+00.00	50.00	502064.3362	2557603.8900
Y1	23+00.00	-50.00	502163.9522	2557595.1356

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	16+69.00	-119.13	502302.9222	2556773.8855
L	16+75.00	-135.00	502302.8002	2556756.8654
L	17+78.00	-135.00	502402.9367	2556718.8436
L	17+75.00	-120.00	502405.0984	2556734.0129

FINAL DESIGN ALIGNMENTS

L

TYPE	STATION	NORTH	EAST
POT	10+00.00	501728.3752	2557139.4352
TS	15+42.91	502230.1754	2556932.2077
SC	17+42.91	502415.8602	2556857.9299
CS	45+37.81	505095.2227	2557147.1193
ST	47+37.81	505260.7818	2557259.3076
POT	70+00.00	507119.2858	2558549.0535

Y1

TYPE	STATION	NORTH	EAST
POT	10+00.00	502000.3383	2556304.5038
POT	24+00.00	502122.8985	2557699.1289

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "R4463W-2"
WITH NAD 83/95 STATE PLANE GRID COORDINATES OF
NORTHING: 504312.549(ft) EASTING: 2563968.482(ft)
ELEVATION: 30.396(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.999879843
THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "R4463W-2" TO -L- STATION 13+00.00 IS
S 71°37'18.3" W 7316.74'
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

NOTE: DRAWING NOT TO SCALE

NOTES:

1. THE CONTROL DATA FOR THIS PROJECT CAN BE FOUND ELECTRONICALLY BY SELECTING PROJECT CONTROL DATA AT:
HTTPS://CONNECT.NCDOT.GOV/RESOURCES/LOCATION/

THE FILES TO BE FOUND ARE AS FOLLOWS:
R-4463AA_LS_CONTROL.TXT
R-4463AA_LS_GPSCALIB.HTML
R-4463AA_LS_WGS84.TXT
R-4463AA_LS_LOCAL.TXT

△ INDICATES GEODETIC CONTROL MONUMENTS USED OR SET FOR HORIZONTAL PROJECT CONTROL BY THE NCDOT LOCATION AND SURVEYS UNIT.
PROJECT CONTROL ESTABLISHED USING GLOBAL POSITIONING SYSTEM.

SEE GPS CALIBRATION SHEET FOR HORIZONTAL AND VERTICAL COORDINATE VALUES.