

# SURVEY CONTROL SHEET W-5313

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
LREV	14+88.29	53.53	650092.7504	1540355.7126
LREV	14+89.61	60.50	650087.5371	1540350.8907
LREV	14+90.30	53.09	650091.3427	1540357.2884
LREV	14+91.62	60.00	650086.1600	1540352.5202
LREV	15+34.20	35.81	650065.7866	1540398.0839
LREV	16+33.00	-30.00	650030.4223	1540511.5150
LREV	17+37.22	-59.07	649974.4710	1540601.3326
LREV	17+37.80	-66.00	649978.8562	1540606.7280
LREV	17+39.68	-58.55	649972.3899	1540602.6055
LREV	17+40.30	-65.50	649976.7679	1540608.0364
LREV	18+77.61	-46.50	649870.4214	1540690.4770
LREV	18+79.59	-45.50	649868.3857	1540691.2437
LREV	18+80.57	-53.00	649873.3258	1540696.9671
LREV	18+82.55	-52.00	649871.2958	1540697.7319
LREV	19+10.00	-30.00	649837.0291	1540703.2926
LREV	19+91.00	-30.00	649785.9923	1540764.5187
LREV	19+91.00	-40.00	649793.8090	1540770.7556
LREV	20+23.00	-30.00	649766.5603	1540789.3002
LREV	20+23.00	-40.00	649774.4815	1540795.4039

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y4	10+33.50	-58.00	645639.1330	1552798.2158
Y4	10+33.50	-61.00	645639.9902	1552801.0907
Y4	10+36.00	-56.55	645636.3230	1552797.5405
Y4	10+36.00	-60.50	645637.4515	1552801.3258
Y4	10+73.00	-41.04	645594.5681	1552793.5887
Y4	11+67.50	-58.00	645470.8562	1552801.9724
Y4	11+68.00	-49.00	645473.4959	1552793.3419
Y4	11+69.00	-58.00	645468.9346	1552801.2165
Y4	11+69.50	-48.00	645472.0319	1552791.6846
Y4	12+45.00	-72.00	645384.2356	1552762.2193
Y4	12+46.00	-62.00	645389.6980	1552753.8111
Y4	12+48.00	-72.00	645382.5290	1552760.9348
Y4	12+48.50	-62.00	645388.1925	1552752.6851
Y4	12+99.51	49.35	645401.9918	1552632.0896
Y4	13+00.81	43.15	645398.0042	1552637.0808
Y4	13+01.13	49.83	645400.4272	1552630.8442
Y4	13+02.73	42.46	645395.6707	1552636.7842
Y4	13+13.29	-52.71	645349.1621	1552720.4336
Y4	13+52.13	-49.27	645320.6725	1552708.0191
Y4	14+29.00	-30.00	645251.6951	1552678.8858
Y4	14+29.00	-40.50	645250.3703	1552689.3019

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y5	10+35.00	-29.72	649102.3644	1559942.5036
Y5	10+35.00	-44.00	649111.8584	1559953.1705
Y5	12+32.50	-55.50	648961.3107	1560092.3229
Y5	12+33.00	-48.50	648956.9934	1560086.7868
Y5	12+34.50	-55.50	648959.5134	1560093.5128

## DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCGS FOR MONUMENT "13802-12" WITH NAD 83/NSRS 2007 STATE PLANE GRID COORDINATES OF NORTHING: 641735.246(ft) EASTING: 1535065.380(ft) ELEVATION: 708.81(ft)

THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.99985319

THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "13802-12" TO -L- STATION 10+00.00 IS 13802-12 10,166.40

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

**NOTES:**

- THE SITE CALIBRATION SHOWN IS BASED UPON A NETWORK TIED TO THE HARN (HIGH ACCURACY REFERENCE NETWORK) NAD 83/NSRS 2007 ADJUSTMENT. THIS CALIBRATION WILL ALLOW THE END USER TO WORK WITHIN THE SAME COORDINATE SYSTEM WHEN USING RTK (REAL TIME KINEMATIC) GPS AND A LOCAL BASE STATION. IF ANOTHER SYSTEM SUCH AS VRS (VIRTUAL REFERENCE STATION) IS USED, ADDITIONAL FIELD TIES MAY BE NEEDED TO REDUCE POSSIBLE ERRORS, OR BIASES.
  - THE CONTROL DATA FOR THIS PROJECT CAN BE FOUND ELECTRONICALLY BY SELECTING PROJECT CONTROL DATA AT:  
[HTTPS://CONNECT.NCDOT.GOV/RESOURCES/LOCATION/](https://connect.ncdot.gov/resources/location/)  
THE FILES TO BE FOUND ARE AS FOLLOWS:  
W5313\_LS\_GPSCALIB.HTML  
W5313\_LS\_WGS84.TXT  
W5313\_LS\_LOCAL.TXT  
W5313\_LS\_CONTROL.TXT
- THE WGS84 AND LOCAL FILES ARE COMMA DELIMITED AND CAN BE USED TO REPRODUCE THE SITE CALIBRATION FOR THE END USER'S GPS EQUIPMENT. IF FURTHER INFORMATION IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.



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.

NOTE: DRAWING NOT TO SCALE