SURVEY CONTROL SHEET B-4159

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	14+19.54	-51.96	595477.1790	754233.0279
L	14+60.00	-50.00	595512.0876	754207.9498
L	15+75.00	-50.00	595614.3213	754141.7010
L	16+10.03	-35.00	595653.8832	754137.8163
L	17+01.44	-35.00	595741.2623	754099.9808
L	19+82.78	-70.00	596027.5826	754011.4977
L	21+92.00	-70.00	596252.4364	754036.5169
L	22+11.00	-35.00	596263.4227	754075.4036
L	24+28.75	-35.00	596472.6584	754161.5525
L	25+67.38	-35.00	596591.3388	754243.6211
L	29+75.00	-35.00	596841.5163	754581.6607
L	29+75.00	-15.27	596823.2775	754589.1977
L	29+78.70	14.88	596796.7975	754604.0685
L	29+82.29	40.00	596774.8224	754616.7263
L	26+85.65	40.00	596625.2605	754379.0031
L	25+14.22	41.06	596503.0007	754271.5270
L	23+45.00	45.00	596362.2413	754194.9676
L	21+62.49	45.00	596198.2245	754142.2482
L	21+15.63	85.00	596148.8009	754174.2021
L	20+76.84	85.00	596114.2395	754169.9835
L	18+53.08	85.00	595914.1079	754177.2942
L	18+35.25	40.00	595889.7475	754136.0222
L	17+16.81	40.00	595781.0020	754165.4021
L	16+96.85	40.00	595763.1403	754171.8644
L	16+48.34	40.00	595720.4045	754189.3483
L	16+34.30	23.00	595701.0845	754179.4474
L	14+99.01	23.00	595586.7799	754244.2615
L	15+00.42	40.00	595597.4518	754257.5640
L	14+25.00	40.00	595539.9262	754300.4756
L	14+25.00	14.62	595523.8459	754280.8443

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y1	13+47.72	31.00	595761.8977	754073.7191
Y1	12+37.98	31.00	595853.1838	753965.4439
Y1	12+02.03	30.77	595888.8186	753960.7021
Y1	10+78.36	-30.46	596026.5416	753970.2631
Y1	10+66.30	-50.11	596050.9537	753974.1159

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y2	11+61.17	-40.00	596005.5477	754482.0428
Y2	12+10.39	-40.00	596041.0707	754442.8502
Y2	14+30.74	-40.00	596237.6040	754313.6399
Y2	16+00.00	-40.00	596371.8247	754234.3358
Y2	16+15.00	50.00	596441.7617	754292.9570
Y2	15+08.00	189.00	596415.7277	754481.5040
Y2	11+62.00	369.00	596321.1107	754742.2374
Y2	11+34.00	48.00	596058.1606	754557.5275
Y2	10+60.00	40.00	596014.8479	754610.3433
Y2	10+60.00	13.00	595991.1575	754597.3909

-L-

TYPE	STATION	NORTH	EAST
POT	10+00.00	595228.8224	754583.3640
PC	12+78.55	595410.0300	754371.8067
PT	29+92.15	596815.5546	754610.9428
POT	30+24.41	596827.2585	754641.0087

-Y1-

TYPE	STATION	NORTH	EAST
POT	10+00.00	596059.5452	753890.0035
PC	10+60.00	596019.3593	753934.5578
PT	11+75.19	595919.6587	753987.4603
PC	12+37.98	595857.4720	753996.1459
PT	13+67.12	595795.9755	754091.8623
POT	13+92.51	595803.2305	754116.1852

-Y2-

TYPE	STATION	NORTH	EAST
POT	10+00.00	595952.1412	754644.4234
PC	10+46.73	595973.5299	754602.8775
PRC	14+30.74	596252.2507	754350.8619
PT	16+67.56	596446.4938	754218.8147
POT	16+95.90	596465.8444	754198.1097

-DR1-

TYPE	STATION	NORTH	EAST
PC	10+00.00	596082.2747	754233.5859
PCC	10+63.82	596060.2489	754293.2574
PT	11+50.50	596079.3270	754375.0577
POT	12+15.90	596119.5518	754426.6146

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	16+73.00	-57.46	595705.1422	754089.9275
L	16+53.00	-80.00	595676.4225	754077.5974
L	16+63.00	-91.00	595682.2119	754063.1367
L	16+87.00	-64.41	595716.5258	754077.9064
L	21+99.93	-55.00	596257.1271	754053.1201
L	22+90.00	-55.00	596348.8137	754081.5253
L	22+90.00	-35.00	596341.8689	754100.2808
L	24+25.92	-55.00	596480.0032	754142.7120
L	25+67.09	-51.19	596601.3905	754230.9259
L	25+67.20	-45.00	596597.5474	754235.7797
L	27+26.81	-74.25	596739.0264	754335.8022
L	28+10.00	-45.00	596768.8597	754424.7183
L	28+10.00	-35.00	596760.5526	754430.2854
L	17+00.74	80.37	595780.6197	754208.4322
L	16+82.81	107.76	595775.5514	754239.6932
L	16+72.00	89.69	595759.9691	754226.4856
L	16+15.00	23.00	595684.1529	754187.5436
L	15+55.00	23.00	595632.7927	754215.1865
L	15+55.00	75.00	595659.0737	754260.0563
L	15+19.07	75.38	595631.4404	754277.5004
L	15+01.49	52.37	595605.2189	754267.2441
L	15+00.42	40.00	595597.4518	754257.5640

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y1	13+30.00	31.00	595764.0686	754048.8344
Y1	13+30.00	45.00	595750.3621	754045.9828
Y1	13+16.00	45.00	595756.9390	754024.6041
Y1	13+16.00	31.00	595769.8782	754029.9499

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y2	15+05.61	-40.00	596300.0581	754283.8460
Y2	15+01.00	-60.00	596286.6290	754268.4467
Y2	15+18.00	-63.00	596298.1619	754258.3410
Y2	15+22.47	-40.00	596313.4975	754275.9505

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
DR1	11+08.41	25.76	596036.0591	754343.6327
DR1	11+27.94	42.53	596029.0304	754373.8554

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT
IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY
NCGS FOR MONUMENT "B-4159 GPS-1"
WITH HARN-NAD 83/95 STATE PLANE GRID COORDINATES OF
NORTHING: 595,248.1410(ft) EASTING: 754,526.4110(ft)
ELEVATION: 2,127.67(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT
(GROUND TO GRID) IS: 0.9997772
THE N.C. LAMBERT GRID BEARING AND
LOCALIZED HORIZONTAL GROUND DISTANCE FROM
"B-4159 GPS-1" TO -L- STATION 14+25.00 IS
N 33°13'08" W 793.98
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:
   B-4159_LS_CONTROL.TXT

   SITE CALIBRATION INFORMATION HAS NOT BEEN PROVIDED FOR THIS PROJECT. 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.
NETWORK ESTABLISHED FROM EXISTING HARN MONUMENTATION

6/2/99
02-OCT-2015 09:41
R:\Roadway\Proj\Alt\Preferred\b4159_ls_lc-2.dgn
$$$$USERNAME$$$$