

SURVEY CONTROL SHEET U-3330

FINAL

L			
TYPE	STATION	NORTH	EAST
POT	10+00.00	802558.1471	2346623.0148
TS	12+53.09	802807.0655	2346668.7820
SC	14+18.09	802968.8931	2346700.9141
CS	19+52.52	803467.0927	2346889.6330
ST	21+17.52	803609.5950	2346972.7817
TS	76+22.09	808324.2017	2349814.0415
SC	77+72.09	808452.1636	2349892.3038
CS	96+65.11	809744.3840	2351249.1164
ST	98+15.11	809816.3169	2351380.7405
POT	133+80.82	811505.7782	2354520.8097

Y1			
TYPE	STATION	NORTH	EAST
POT	10+00.00	806136.5020	2347602.2131
PC	19+70.09	805365.7693	2348191.3131
PT	22+32.59	805152.9268	2348344.9072
POT	25+08.40	804924.9162	2348500.0893

Y1RPA			
TYPE	STATION	NORTH	EAST
TS	10+00.00	806179.1750	2348461.7948
SC	11+40.00	806062.7361	2348384.2694
CS	14+11.59	805904.3072	2348167.4988
ST	15+51.59	805865.7988	2348033.0172
POT	17+46.30	805820.6806	2347843.6072

Y2			
TYPE	STATION	NORTH	EAST
POT	10+00.00	808962.1527	2349036.8911
PC	15+53.40	808687.6318	2349517.3974
PT	25+37.90	808274.9141	2350409.8852
POT	25+37.90	808274.9141	2350409.8852

Y4			
TYPE	STATION	NORTH	EAST
POT	10+00.00	806766.8287	2348875.4899
PC	13+24.30	806662.5159	2349182.5542
PCC	13+98.67	806623.5440	2349245.1295
PCC	14+39.86	806592.4418	2349272.0898
PCC	15+36.81	806502.0366	2349302.1456
PCC	16+00.39	806440.6542	2349287.8212
PCC	16+52.70	806394.6032	2349263.0399
PCC	17+78.19	806323.6517	2349163.9550
PT	19+39.45	806324.6626	2349003.8800
POT	21+65.61	806373.0757	2348782.9639

Y5			
TYPE	STATION	NORTH	EAST
POT	13+93.46	806872.6439	2348499.4747
EOB	14+49.91	806867.6861	2348555.7045
EOA	10+56.45	806867.6861	2348555.7045
PT	11+51.78	806848.0730	2348648.7677
EOB	13+93.46	806770.3353	2348877.6032
EOA	10+00.00	806770.3353	2348877.6032

Y6			
TYPE	STATION	NORTH	EAST
POT	10+00.00	809512.8006	2350206.8635
POT	14+40.03	809241.3853	2350553.2203

Y7A			
TYPE	STATION	NORTH	EAST
POT	10+00.00	810105.2936	2351917.8389
POT	13+00.00	809840.8709	2352059.5449

Y7B			
TYPE	STATION	NORTH	EAST
POT	10+00.00	810426.9583	2351777.3269
POT	13+50.00	810113.9052	2351933.8445

Y8			
TYPE	STATION	NORTH	EAST
POT	10+00.00	810991.1326	2352614.5253
POT	14+50.00	810594.7266	2352827.5096

Y9			
TYPE	STATION	NORTH	EAST
POT	10+00.00	810599.1221	2352835.6792
PC	11+97.78	810466.6955	2352982.5834
PT	13+88.00	810363.0304	2353141.1676

ROW MARKER PERMANENT EASEMENT				
ALIGN	STATION	OFFSET	NORTH	EAST
L	28+18.79	118.00	804149.31753	2347435.81730
L	28+60.00	118.00	804184.61028	2347457.08650
L	28+90.00	99.16	804220.02969	2347456.43483
L	59+30.84	110.00	806818.88170	2349035.29088
L	62+22.00	98.75	807074.06416	2349175.94389
L	62+22.00	118.00	807064.12898	2349192.42970
L	62+48.00	118.00	807086.39772	2349205.84997
L	62+48.00	98.75	807096.33454	2349189.36143
L	63+27.00	117.00	807154.57657	2349245.77043
L	63+27.00	98.74	807164.00222	2349230.13010
L	63+53.00	117.00	807176.84531	2349259.19069
L	63+53.00	98.74	807186.27260	2349243.54764
L	66+37.00	98.70	807429.53364	2349390.10844
L	66+37.00	110.00	807423.70156	2349399.78583
L	66+63.00	110.00	807445.97029	2349413.20609
L	66+63.00	98.70	807451.80402	2349403.52598
L	68+00.00	98.68	807569.15177	2349474.22608
L	68+00.00	120.00	807558.14776	2349492.48545
L	68+58.00	110.00	807612.98580	2349513.85806
L	68+58.00	98.67	807618.83185	2349504.15751
L	94+77.00	-100.45	809732.99504	2351034.01662
L	94+77.00	-127.00	809755.45809	2351019.85550
L	95+04.00	-100.43	809747.67209	2351057.52022
L	95+04.00	-127.00	809770.25212	2351043.50739
L	110+68.00	-100.00	810498.00846	2352436.69091
L	111+63.00	-125.00	810565.03587	2352508.50544
L	111+63.00	-164.00	810599.38039	2352490.02695
L	111+98.00	-164.00	810616.00155	2352520.91940
L	111+98.00	-152.00	810605.43401	2352526.60509
L	112+18.00	-164.00	810625.47769	2352538.53197
L	112+18.00	-152.00	810614.91015	2352544.21766
L	112+63.00	-164.00	810646.76112	2352578.08980
L	113+45.41	120.00	810435.70690	2352785.21963
L	113+45.41	100.00	810453.31946	2352775.74346
L	113+60.00	-167.00	810695.36232	2352662.08935
L	113+80.00	-135.00	810676.65835	2352694.86375
L	114+04.00	-135.00	810688.02973	2352715.99884
L	114+19.00	-169.00	810725.07821	2352713.09882
L	115+03.00	-128.00	810728.77226	2352806.49771
L	115+03.00	-133.00	810733.17540	2352804.12868
L	115+08.00	-106.85	810712.51755	2352820.92104
L	115+08.00	-128.00	810731.14129	2352810.90086
L	115+08.00	-133.00	810735.54443	2352808.53182
L	115+08.00	-170.00	810768.12769	2352791.00095

ROW MARKER PERMANENT EASEMENT				
ALIGN	STATION	OFFSET	NORTH	EAST
Y1	10+42.00	-71.00	806146.24892	2347684.12765
Y1	10+42.00	-61.78	806140.65048	2347676.80307
Y1	12+06.00	-80.00	806021.41648	2347790.86967
Y1	13+34.00	-105.46	805935.18039	2347888.82603

ROW MARKER PERMANENT EASEMENT				
ALIGN	STATION	OFFSET	NORTH	EAST
Y4	12+29.00	-64.00	806753.76817	2349112.90606
Y4	12+60.00	-30.06	806711.65759	2349131.34060
Y4	12+60.00	-58.00	806738.11568	2349140.32867

ROW MARKER PERMANENT EASEMENT				
ALIGN	STATION	OFFSET	NORTH	EAST
Y9	11+34.00	42.27	810478.00815	2352906.90964
Y9	11+34.00	107.00	810429.92602	2352863.56607

ROW MARKER CONCRETE OR GRANITE				
ALIGN	STATION	OFFSET	NORTH	EAST
L	49+98.00	-118.00	806137.60016	2348358.51343
L	50+30.00	-150.00	806181.52508	2348347.62301
L	52+50.00	-150.00	806369.95284	2348461.17908
L	53+39.00	-99.52	806420.12260	2348550.35638
L	53+39.00	-120.00	806430.69551	2348532.81236
L	57+40.00	-101.19	806764.43843	2348755.90543
L	58+19.48	-101.20	806832.51726	2348796.92181
L	59+42.00	98.79	806834.22933	2349031.44733
L	81+79.91	98.63	808723.85914	2350204.99467
L	81+96.21	141.00	808709.88910	2350247.99594
L	82+35.11	125.00	808749.15895	2350259.09070
L	82+63.00	98.68	808786.78328	2350255.90929
L	115+84.00	100.00	810566.36739	2352985.85659

ROW MARKER CONCRETE OR GRANITE				
ALIGN	STATION	OFFSET	NORTH	EAST
Y1	12+95.00	-62.03	805939.79334	2347830.63893

ROW MARKER CONCRETE OR GRANITE				
ALIGN	STATION	OFFSET	NORTH	EAST
Y1RPA	12+00.00	60.00	806061.02947	2348301.94969
Y1RPA	13+00.00	61.00	806006.28932	2348232.80625
Y1RPA	13+50.00	67.00	805989.06421	2348192.08619
Y1RPA	16+05.00	78.00	805929.30074	2347962.99114

ROW MARKER CONCRETE OR GRANITE				
ALIGN	STATION	OFFSET	NORTH	EAST
Y4	11+75.00	-38.00	806746.51935	2349053.41274
Y4	12+91.03	-27.16	806698.93244	2349159.78563

ROW MARKER CONCRETE OR GRANITE				
ALIGN	STATION	OFFSET	NORTH	EAST
Y5	11+75.00	-19.79	806859.33977	2348677.11509
Y5	11+75.00	20.25	806821.43534	2348664.23858

ROW MARKER CONCRETE OR GRANITE				
ALIGN	STATION	OFFSET	NORTH	EAST
Y9	11+55.00	-37.83	810523.43790	2352976.13522

NOTES:

1. THE SITE CALIBRATION SHOWN IS BASED UPON A NETWORK TIED TO THE HARN (HIGH ACCURACY REFERENCE NETWORK) NAD 8395 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.
 2. 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:
 U3330_LS_GPSCALIB.HTM
 U3330_LS_WGS84.TXT
 U3330_LS_LOCAL.TXT
 U3330_LS_CONTROL_DATE.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.
 NETWORK ESTABLISHED FROM EXISTING HARN MONUMENTATION
 SEE GPS CALIBRATION SHEET FOR HORIZONTAL AND VERTICAL COORDINATE VALUES.

NOTE: DRAWING NOT TO SCALE