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PROJECT REFERENCE NO.	SHEET NO.
14SP.20221.3	1C-1
Location and Surveys	

SURVEY CONTROL SHEET 21-0101
-FINAL-

-FINAL- ROW MARKER - IRON PIN & CAP

ALIGN	STATION	OFFSET	NORTH	EAST
L	11+49.22	-30.28	496462.2493	588528.6277
L	14+50.00	-60.00	496519.1772	588825.4629
L	16+75.00	-15.00	496492.7383	589053.9996
L	16+75.00	15.00	496462.8284	589056.3222
L	16+75.00	25.00	496452.8584	589057.0964
L	15+84.25	25.00	496445.8327	588966.6187
L	15+30.55	30.00	496436.6828	588913.5629
L	13+95.09	32.53	496422.0405	588779.1879
L	12+85.60	32.33	496412.2907	588670.1327
L	11+50.00	25.00	496407.2688	588534.4276
L	11+00.00	15.00	496412.6881	588483.6985

-FINAL- PUE MARKER - IRON PIN & CAP

ALIGN	STATION	OFFSET	NORTH	EAST
L	11+56.52	-68.14	496500.6160	588532.4573
L	15+13.65	-65.16	496530.0936	588888.6884
L	15+61.19	-37.20	496506.0607	588938.8125
L	16+52.65	47.17	496429.0246	589036.5298
L	16+52.65	89.23	496387.0908	589039.7860
L	16+32.65	88.28	496386.4896	589019.7725
L	16+32.65	45.36	496429.2808	589016.4497
L	10+75.61	15.00	496410.5812	588459.3047
L	10+68.16	47.09	496377.9835	588454.4595
L	10+53.71	43.71	496380.1931	588439.6234
L	10+60.26	15.00	496409.3319	588443.9511

-FINAL- PDE MARKER - IRON PIN & CAP

ALIGN	STATION	OFFSET	NORTH	EAST
L	13+65.00	32.47	496419.3660	588749.2169
L	13+65.00	60.00	496391.9499	588751.7185
L	14+60.00	31.39	496429.0739	588843.7258
L	14+60.00	40.00	496420.4995	588844.5082

BL

POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
1	BL1	496431.3990	588329.2040	1941.47	9+47.57	15.74 LT
2	BL2	496444.6140	588539.5490	1936.00	11+58.49	11.73 LT
3	BL3	496466.8590	588782.2340	1936.09	14+02.20	11.83 LT
4	BL4	496491.3830	589063.3140	1952.49	16+84.18	12.93 LT

BY1

POINT	DESC.	NORTH	EAST	ELEVATION	EY1 STATION	OFFSET
5	BY1-5	496574.5950	588516.0430	1945.88	10+25.67	14.56 LT
22	BL2	496444.6140	588539.5490	1936.00	11+49.23	37.61 LT

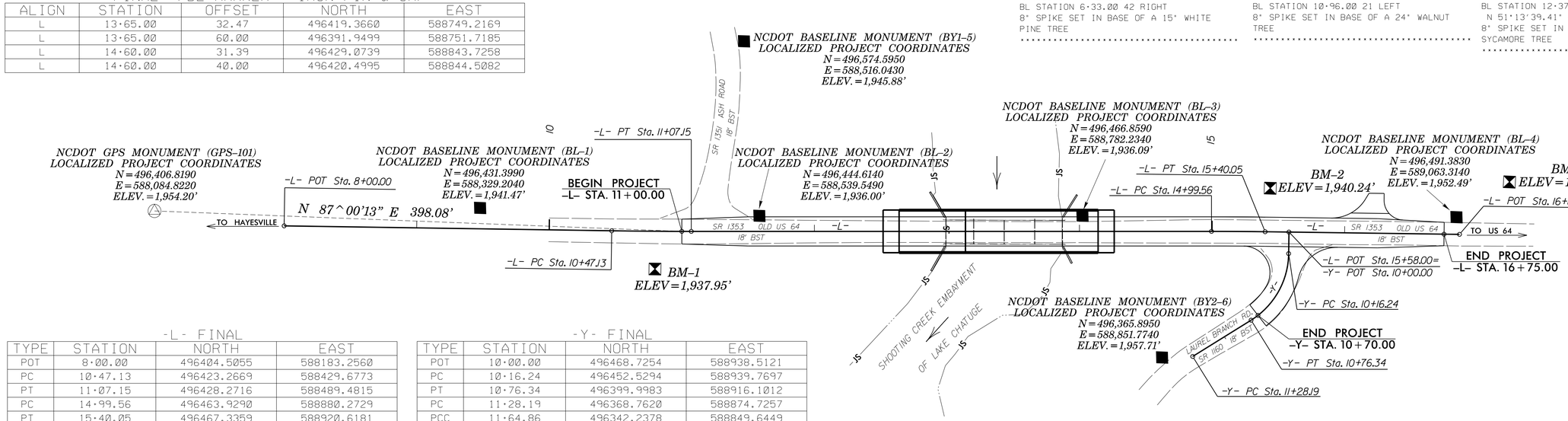
BY2

POINT	DESC.	NORTH	EAST	ELEVATION	Y STATION	OFFSET
44	BL4	496491.3830	589063.3140	1952.49	OUTSIDE PROJECT LIMITS	
6	BY2-6	496365.8950	588851.7740	1957.71	11+46.17	13.18 RT

BM1 ELEVATION = 1937.95
N 496398 E 588465
BL STATION 6+33.00 42 RIGHT
8" SPIKE SET IN BASE OF A 15" WHITE PINE TREE

BM2 ELEVATION = 1940.24
N 496500 E 588921
BL STATION 10+96.00 21 LEFT
8" SPIKE SET IN BASE OF A 24" WALNUT TREE

BM3 ELEVATION = 1955.35
N 496521 E 589101
BL STATION 12+37.00
N 51°13'39.41" E DIST 48.01
8" SPIKE SET IN THE ROOT OF A 14" SYCAMORE TREE



-L- FINAL

TYPE	STATION	NORTH	EAST
POT	8+00.00	496404.5055	588183.2560
PC	10+47.13	496423.2669	588429.6773
PT	11+07.15	496428.2716	588489.4815
PC	14+99.56	496463.9290	588880.2729
PT	15+40.05	496467.3359	588920.6181
POT	16+86.66	496478.6860	589066.7854

-Y- FINAL

TYPE	STATION	NORTH	EAST
POT	10+00.00	496468.7254	588938.5121
PC	10+16.24	496452.5294	588939.7697
PT	10+76.34	496399.9983	588916.1012
PC	11+28.19	496368.7620	588874.7257
PCC	11+64.86	496342.2378	588849.6449
PT	12+32.06	496281.2369	588822.2040
POT	12+66.53	496247.8820	588813.5195

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "210101 G-101"
WITH NAD 83/NA 2011 STATE PLANE GRID COORDINATES OF
NORTHING: 496406.8190(ft) EASTING: 588084.8220(ft)
ELEVATION: 1954.20 FT.
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.999791778
THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "210101 G-101" TO -L- STATION 11+00.00 IS 398.08' AT N87°00'13"E
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

GEOID MODEL - G12NC

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:
210101_LS_CONTROL.TXT

SITE CALIBRATION INFORMATION HAS NOT BEEN PROVIDED FOR THIS PROJECT. IF FURTHER CONTROL 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.

6/2/99
12/20/2016
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