SURVEY CONTROL SHEET W-5107

BL

POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
1	GPS W5107-1	635986.2950	2215284.6710	165.68	OUTSIDE PROJECT LIMITS	
2	GPS W5107-2	635394.3080	2215873.5430	164.40	18+21.17	68.59 RT
100	BL-100	635011.9430	2216377.5740	164.14	24+47.15	57.59 RT
101	BL-101	634527.8470	2217115.6770	158.77	33+21.39	93.38 RT
102	BL-102	634066.2030	2218033.5330	160.05	43+48.38	64.10 RT
103	BL-103	633605.9640	2218906.9670	164.88	53+35.61	54.66 RT
104	BL-104	633115.2520	2219793.6800	163.52	63+48.99	65.75 RT
105	BL-105	632611.8050	2220774.4260	164.52	74+50.82	50.91 RT
106	BL-106	631979.3400	2221940.8920	162.37	87+77.33	64.21 RT
107	BL-107	631601.8330	2222929.7100	162.05	98+24.59	55.91 RT
3	GPS W5107-3	631457.1420	2224043.5960	158.23	109+37.72	49.45 RT
4	GPS W5107-4	631462.4040	2224823.9410	149.45	117+16.87	51.93 RT

BY

POINT	DESC.	NORTH	EAST	ELEVATION	Y1 STATION	OFFSET
200	BY-200	634767.0630	2218613.6090	165.18	43+72.40	14.43 LT
201	BY-201	634772.0360	2217768.9120	162.68	35+31.33	28.40 LT
A101	BL101	634527.8470	2217115.6770	158.77	28+39.62	52.28 RT

BY1

POINT	DESC.	NORTH	EAST	ELEVATION	Y1 STATION	OFFSET
B101	BL-101	634527.8470	2217115.6770	158.77	28+39.62	52.28 RT
202	BY1-202	634399.8660	2216715.8080	155.99	24+30.65	89.62 RT
203	BY1-203	634595.0240	2215626.4660	159.10	13+44.98	18.83 RT

BYA

POINT	DESC.	NORTH	EAST	ELEVATION	Y2 STATION	OFFSET
A201	BY-201	634772.0360	2217768.9120	162.68	15+09.81	43.30 RT
400	BYA-400	635517.5090	2217761.7680	160.20	OUTSIDE PROJECT LIMITS	

BY2

POINT	DESC.	NORTH	EAST	ELEVATION	Y6 STATION	OFFSET
300	BY2-300	631974.8660	2224848.4900	148.51	28+44.27	28.24 RT
A4	GPS W5107-4	631462.4040	2224823.9410	149.45	23+48.59	142.33 RT

BY3

POINT	DESC.	NORTH	EAST	ELEVATION	Y6 STATION	OFFSET
B4	GPS W5107-4	631462.4040	2224823.9410	149.45	23+48.59	142.33 RT
301	BY3-301	631236.6000	2224625.9240	152.85	20+75.43	17.49 RT
302	BY3-303	630335.8660	2224308.9700	162.71	11+22.08	28.16 LT
303	BY3-303	629747.1830	2224172.4310	160.88	OUTSIDE PROJECT LIMITS	

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****************************************
BM #1      ELEVATION = 159.36
N 635391      E 2215811
L STATION 17+78.00 113 RIGHT
RR SPIKE IN BASE OF 12" PINE
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BM #2      ELEVATION = 161.65
N 634409      E 2215456
Y1 STATION 12+07.00 231 RIGHT
RR SPIKE IN BASE OF 30" TWIN
SWEET GUM
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****************************************
BM #3      ELEVATION = 165.91
N 634725      E 2218513
Y1 STATION 42+74.00 32 RIGHT
RR SPIKE IN BASE OF 12" PINE
****************************************

****************************************
BM #4      ELEVATION = 162.54
N 633254      E 2219844
L STATION 63+27.00 80 LEFT
RR SPIKE IN BASE OF 15" PINE
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BM #5      ELEVATION = 161.13
N 631275      E 2223374
L STATION 103+08.00 286 RIGHT
RR SPIKE IN BASE OF 15" PINE
****************************************

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BM #6      ELEVATION = 160.45
N 629759      E 2224255
Y6 STATION 10+00.00
 S 06°06'16.09" W  DIST    454.04
RR SPIKE IN BASE OF 18" PINE
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BM #7      ELEVATION = 148.87
N 631636      E 2224668
L STATION 115+63.00 124 LEFT
RR SPIKE IN BASE OF 14" SWEET GUM
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DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCGS FOR MONUMENT "GPS W5107"
WITH NAD 83/95 STATE PLANE GRID COORDINATES OF
NORTHING: 635986.295(ft) EASTING: 2215284.671(ft)
ELEVATION: 165.68(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.99987889
THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "GPS W5107-1" TO -L- STATION 10+00.00 IS
N52°59'17"E 72.90
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:
   W5107_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.

6/2/99
11/24/2014
R:\Roadway\Proj\w5107_ls_IC-2.dgn
$$$$USERNAME$$$$