PROJECT REFERENCE NO.	SHEET NO.
42365.1.1	1C
Location and Surveys	

SURVEY CONTROL SHEET R-5115
-FINAL-

BL

POINT	DESC.	NORTH	EAST	ELEVATION	Y23 STATION	OFFSET
1	BL-1	547560.4775	699180.4270	2141.61	OUTSIDE PROJECT LIMITS	
2	BL-2	547721.8692	699462.7095	2159.87	12+56.00	31.18 LT
3	BL-3	547932.8790	699844.0427	2174.05	16+86.57	23.71 LT
4	BL-4	548019.6590	700227.5991	2176.47	20+75.41	20.96 LT

BY1

POINT	DESC.	NORTH	EAST	ELEVATION	Y1 STATION	OFFSET
5	BY1-5	547838.8381	699478.6444	2173.35	OUTSIDE PROJECT LIMITS	
22	BL-2	547721.8692	699462.7095	2159.87	11+02.06	33.23 RT

-FINAL- ROW MARKER IRON PIN AND CAP-E

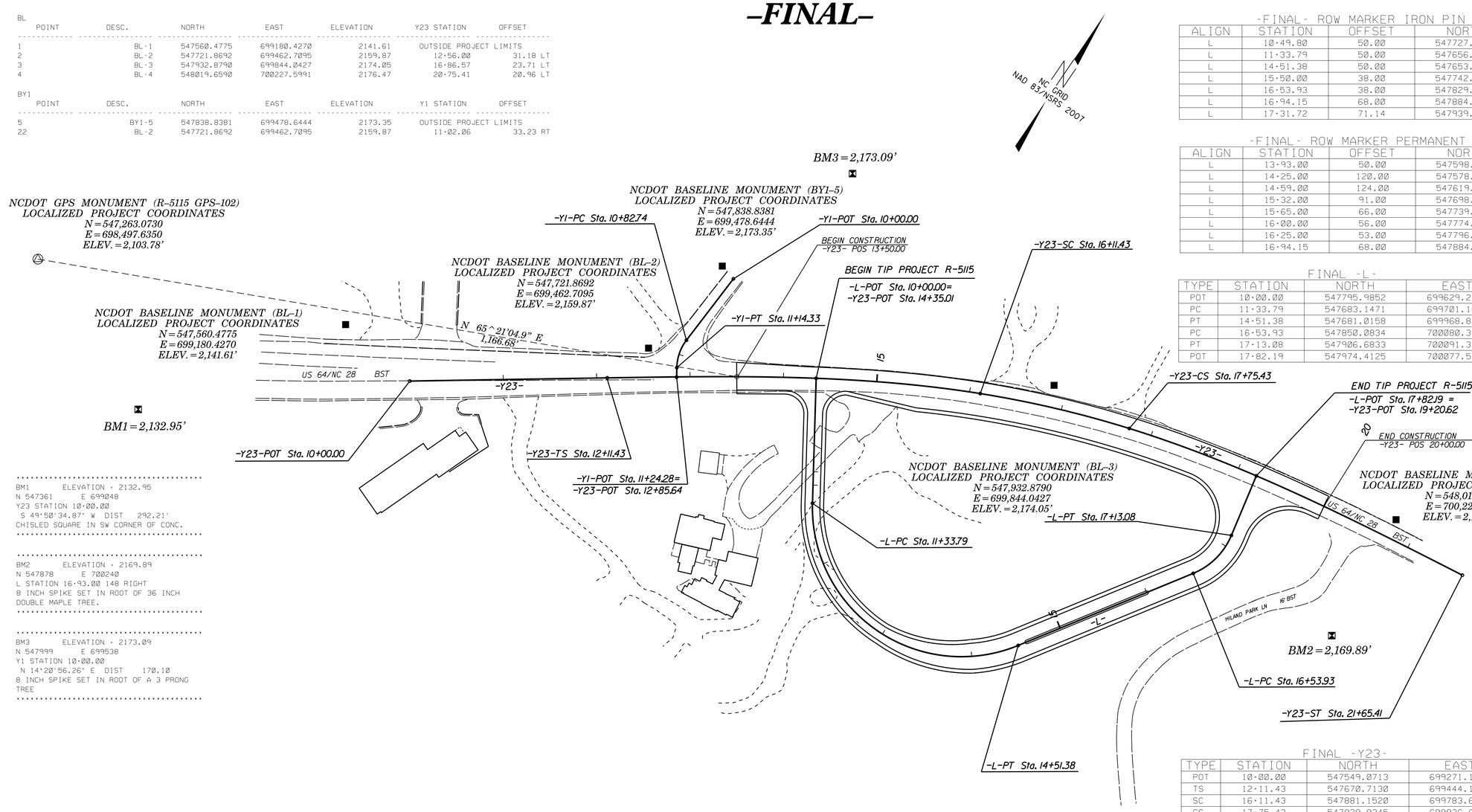
ALIGN	STATION	OFFSET	NORTH	EAST
L	10+49.80	50.00	547727.1211	699613.8674
L	11+33.79	50.00	547656.2814	699658.9989
L	14+51.38	50.00	547653.4820	700010.5613
L	15+50.00	38.00	547742.4067	700054.8501
L	16+53.93	38.00	547829.1577	700112.0809
L	16+94.15	68.00	547884.4249	700160.6577
L	17+31.72	71.14	547939.1042	700157.3389

-FINAL- ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	13+93.00	50.00	547598.5334	699957.6835
L	14+25.00	120.00	547578.6189	700040.4630
L	14+59.00	124.00	547619.0892	700076.5245
L	15+32.00	91.00	547698.1960	700089.1780
L	15+65.00	66.00	547739.5086	700086.4824
L	16+00.00	56.00	547774.2306	700097.4088
L	16+25.00	53.00	547796.7506	700108.6715
L	16+94.15	68.00	547884.4249	700160.6577

FINAL -L-

TYPE	STATION	NORTH	EAST
POT	10+00.00	547795.9852	699629.2797
PC	11+33.79	547683.1471	699701.1681
PT	14+51.38	547681.0158	699968.8254
PC	16+53.93	547850.0834	700080.3615
PT	17+13.08	547906.6833	700091.3303
POT	17+82.19	547974.4125	700077.5776



BM1 ELEVATION - 2132.95
N 547361 E 699048
Y23 STATION 10+00.00
S 49°50'34.87" W DIST 292.21'
CHISLED SQUARE IN SW CORNER OF CONC.

BM2 ELEVATION - 2169.89
N 547878 E 700240
L STATION 16+93.00 148 RIGHT
8 INCH SPIKE SET IN ROOT OF 36 INCH
DOUBLE MAPLE TREE.

BM3 ELEVATION - 2173.09
N 547999 E 699538
Y1 STATION 10+00.00
N 14°20'56.26" E DIST 170.10
8 INCH SPIKE SET IN ROOT OF A 3 PRONG
TREE

FINAL -Y23-

TYPE	STATION	NORTH	EAST
POT	10+00.00	547549.0713	699271.1898
TS	12+11.43	547670.7130	699444.1230
SC	16+11.43	547881.1520	699783.6560
CS	17+75.43	547939.9345	699936.6082
ST	21+65.41	548010.3923	700319.6606

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "R-5115 GPS-102"
WITH NAD 83/NSRS 2007 STATE PLANE GRID COORDINATES OF
NORTHING: 547263.0730(ft) EASTING: 698497.6350(ft)
ELEVATION: 2103.78(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.9997775263
THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "R-5115 GPS-102" TO -Y23- STATION 13+50.00 IS N 65°21'04.9" E 1166.68'
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

GEOID MODEL – G09NC
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:
R-5115_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

02-SEP-2014 10:41
R:\Roadway\Proj\R-5115_ls_lc.dgn
$$$$USERNAME$$$$