SURVEY CONTROL SHEET 17BP.8.R.115
RANDOLPH COUNTY #128
(FINAL)

CH ENGINEERING
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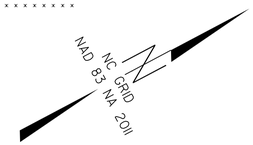
NC LICENSE #P-0189

PROJECT REFERENCE NO.	SHEET NO.
17BP.8.R.115	1C-1

BL	POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
1		BL-1	773422.4004	1808536.5640	657.20	OUTSIDE PROJECT LIMITS	
2		BL-2	773960.7200	1808817.5290	631.43	10+11.15	17.76 RT
3		BL-3	774545.7404	1809123.1370	609.52	16+71.17	14.50 RT
4		BL-4	775218.5760	1809429.5090	659.61	24+08.35	16.22 RT

****
BM1 ELEVATION = 603.44
N 774471 E 1809248
L STATION 16+63.28 160.47' RIGHT
RR SPIKE IN 18" OAK
****



CENTERLINE CONTROL POINTS AND ROW CONTROL POINT TABLES PROVIDED BY NCDOT LOCATION AND SURVEYS

L

TYPE	STATION	NORTH	EAST
POT	10+00.00	773959.1661	1808796.6190
PC	19+98.98	774842.3131	1809263.5313
PT	22+10.27	775032.7134	1809355.0172
PC	22+22.65	775044.0743	1809359.9483
PT	24+26.17	775239.0094	1809416.4894

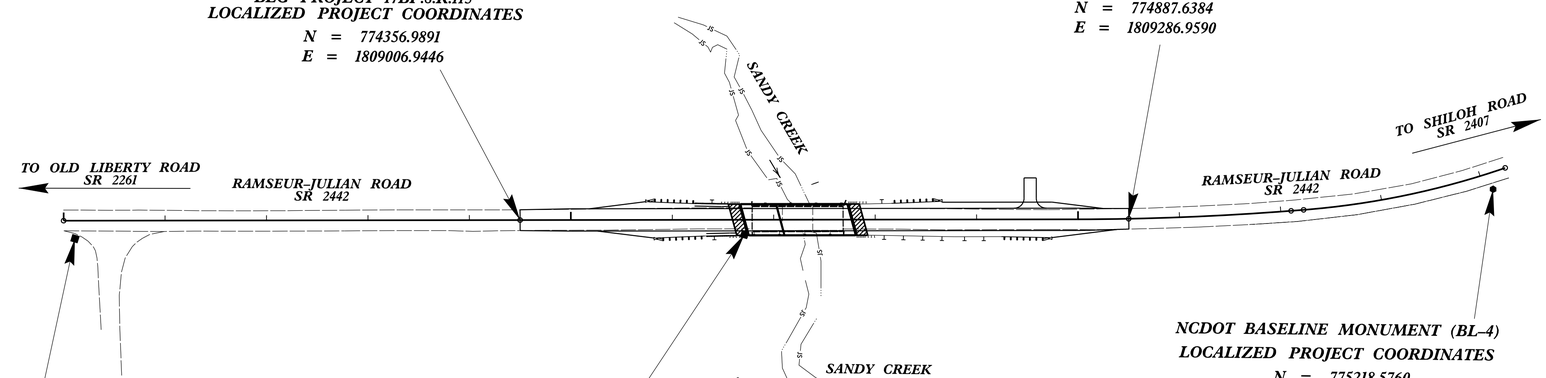
ROW MARKER REBAR

ALIGN	STATION	OFFSET	NORTH	EAST
L	16+00.00	-65.00	774519.97712	1809019.58986
L	16+00.00	-30.62	774503.90697	1809049.98593
L	19+98.98	-65.00	774872.69342	1809206.06797
L	19+98.98	-32.69	774857.59048	1809234.63461
L	19+98.98	27.31	774829.54669	1809287.67839
L	19+98.98	55.00	774816.60659	1809312.15410
L	16+00.00	55.00	774463.89028	1809125.67599
L	16+00.00	29.38	774475.86318	1809103.02971

NCDOT BASELINE MONUMENT (BL-1)
LOCALIZED PROJECT COORDINATES
N = 773422.4004
E = 1808536.5640

-L- POT STA. 14+50.00
BEG PROJECT 17BP.8.R.115
LOCALIZED PROJECT COORDINATES
N = 774356.9891
E = 1809006.9446

-L- POC STA. 20+50.00
END PROJECT 17BP.8.R.115
LOCALIZED PROJECT COORDINATES
N = 774887.6384
E = 1809286.9590



NCDOT BASELINE MONUMENT (BL-4)
LOCALIZED PROJECT COORDINATES
N = 775218.5760
E = 1809429.5090

NCDOT BASELINE MONUMENT (BL-3)
LOCALIZED PROJECT COORDINATES
N = 774545.7404
E = 1809123.1370

NCDOT BASELINE MONUMENT (BL-2)
LOCALIZED PROJECT COORDINATES
N = 773960.7200
E = 1808817.5290

BM#1
-L- STA 16+63.28
160.47' RIGHT
ELEV.=603.44'

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "BL-1"
WITH NAD 83/NA 2011 STATE PLANE GRID COORDINATES OF
NORTHING: 773422.4004(ft) EASTING: 1808536.5640(ft)
ELEVATION: 657.20(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.999904647
THE N.C. LAMBERT GRID BEARING AND
LOCALIZED HORIZONTAL GROUND DISTANCE FROM
"BL-1" TO -L- STATION 14+50 IS
N 26° 42' 58.38" E 1046.29'
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

NOTES:

SITE CALIBRATION INFORMATION HAS NOT BEEN PROVIDED FOR THIS PROJECT. IF FURTHER INFORMATION IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.

◆ *INDICATES CONTROL MONUMENTS USED OR SET FOR HORIZONTAL PROJECT CONTROL BY THE NCDOT 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.

NOTE: DRAWING NOT TO SCALE

6/2/99
4/21/2017
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USERNAME