PROJECT REFERENCE NO.	SHEET NO.
50117.1.FS1	1C
Location and Surveys	

SURVEY CONTROL SHEET U-5719

PRELIMINARY ROW MONUMENTS

ROW MARKER CONCRETE OR GRANITE-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	17+64.98	-50.00	370169.5714	2456316.3609
L	17+64.98	50.00	370091.5155	2456253.8526
L	18+68.00	-50.00	370110.2663	2456396.1342
L	20+40.00	-60.00	370033.3623	2456542.7913
L	21+38.65	-60.00	369992.3618	2456627.9289
L	21+38.65	50.00	369891.6710	2456583.6416
L	25+10.00	-60.00	369842.8505	2456967.8550
L	25+10.00	-50.00	369833.6968	2456963.8289

ROW MARKER CONCRETE OR GRANITE-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y1	14+38.82	-30.00	370836.9029	2456652.3917
Y1	17+80.18	30.00	370561.1299	2456455.1155
Y1	19+41.89	30.00	370390.5703	2456466.1409
Y1	19+41.89	-30.00	370404.3226	2456524.5436
Y1	20+52.45	30.00	370282.9528	2456491.4820
Y1	20+52.45	-30.00	370296.7051	2456549.8847
Y1	22+38.99	-30.00	370094.6386	2456516.1084
Y1	22+38.99	30.00	370126.6372	2456465.3532

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	18+62.00	-72.00	370131.6254	2456403.9309
L	18+62.00	-50.00	370113.5617	2456391.3728
L	18+65.00	50.00	370029.6846	2456336.8419
L	20+07.00	-84.59	370069.8797	2456526.8897
L	20+30.00	50.00	369940.7984	2456482.5328
L	20+50.00	-86.04	370052.0863	2456563.2310
L	20+50.00	-60.00	370028.9401	2456551.2908
L	20+50.00	-90.00	370055.6017	2456565.0444
L	22+44.00	-80.90	369969.0726	2456732.7792
L	22+47.00	-90.00	369976.1986	2456739.1908
L	22+66.00	-79.99	369959.3903	2456752.5546
L	22+66.00	-84.00	369963.0567	2456754.1672
L	25+10.00	-70.00	369852.0042	2456971.8811
L	25+75.00	-114.00	369866.5238	2457048.3409
L	25+88.00	-49.80	369802.5388	2457034.6691
L	25+88.00	-92.00	369841.3747	2457051.1861

ROW MARKER PERMANENT EASEMENT-E

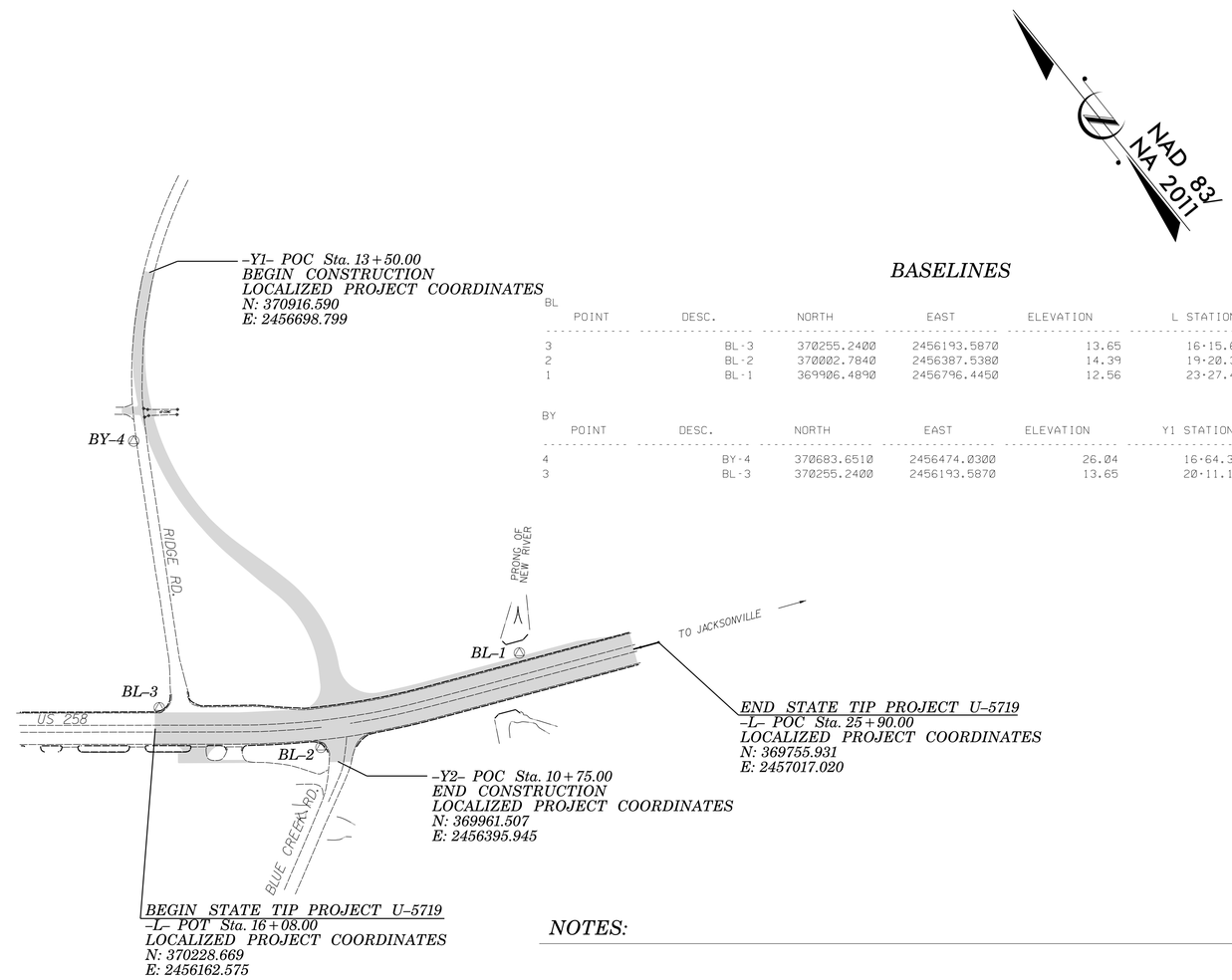
ALIGN	STATION	OFFSET	NORTH	EAST
Y1	14+30.00	-55.00	370824.5460	2456675.6834
Y1	14+30.00	-30.00	370842.7626	2456658.5617
Y1	17+32.64	-30.00	370599.0886	2456521.5171
Y1	18+39.74	30.00	370497.9769	2456452.5404
Y1	18+58.66	78.54	370475.0115	2456404.8963
Y1	18+73.10	57.88	370460.1249	2456426.7183
Y1	20+00.00	-30.00	370347.7598	2456537.8626
Y1	21+25.00	-60.00	370213.1385	2456586.0550
Y1	21+40.00	30.00	370207.0980	2456494.8968
Y1	21+40.00	40.00	370208.5062	2456484.9964
Y1	21+65.00	-30.00	370171.0019	2456548.8533
Y1	22+00.00	40.00	370160.6390	2456471.8031
Y1	22+64.00	54.55	370118.5706	2456431.2463
Y1	22+64.00	70.00	370126.8104	2456418.1766

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y2	10+75.00	-48.53	369931.9242	2456434.4185
Y2	11+90.00	30.00	369923.2579	2456288.3420

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "BL-3"
WITH NAD 83/NA 2011 STATE PLANE GRID COORDINATES OF
NORTHING: 370255.240(ft) EASTING: 2456193.587(ft)
ELEVATION: 13.653(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.99991455
THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "BL-3" TO -L- STATION 16+08.00 IS
S 49° 24' 36.6" W 40.84'
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88



BASELINES

BL

POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
3	BL-3	370255.2400	2456193.5870	13.65	16+15.60	40.13 LT
2	BL-2	370002.7840	2456387.5380	14.39	19+20.30	44.37 RT
1	BL-1	369906.4890	2456796.4450	12.56	23+27.47	49.24 LT

BY

POINT	DESC.	NORTH	EAST	ELEVATION	Y1 STATION	OFFSET
4	BY-4	370683.6510	2456474.0300	26.04	16+64.39	38.53 RT
3	BL-3	370255.2400	2456193.5870	13.65	20+11.15	326.32 RT

PRELIMINARY DESIGN ALIGNMENTS

L

TYPE	STATION	NORTH	EAST
POT	10+00.00	370608.7188	2455687.9949
PC	17+64.98	370130.5435	2456285.1067
PT	21+38.65	369937.4396	2456603.7722
PC	25+54.34	369770.0772	2456984.2842
PT	35+88.66	369539.3585	2457986.3004

Y1

TYPE	STATION	NORTH	EAST
POT	10+00.00	371082.5960	2457005.8190
PC	11+56.77	371016.8179	2456863.5136
PCC	14+38.82	370858.5485	2456631.6199
PT	19+41.89	370397.4464	2456495.3422
PC	20+52.45	370289.8289	2456520.6834
PT	22+38.99	370110.6379	2456490.7308
POT	23+40.71	370024.5885	2456436.4810

Y2

TYPE	STATION	NORTH	EAST
POT	10+00.00	370024.5885	2456436.4810
PC	10+61.05	369972.9443	2456403.9219
PT	11+39.55	369920.2381	2456346.9626
POT	12+44.43	369871.3444	2456254.1777

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:
U5719_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.
NETWORK ESTABLISHED FROM NCGS REAL TIME NETWORK

7822999
29-MAR-2017 07:27
J:\U-5719\Roadway\Proj\U5719_LS_IC-1.dgn
$$$$USERNAME$$$$