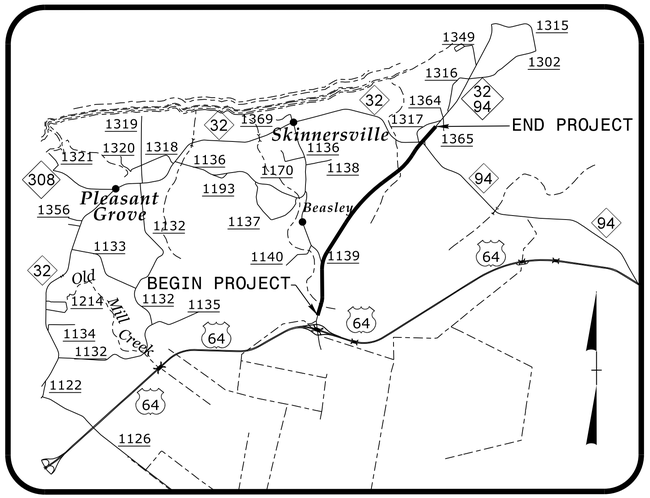
PROJECT REFERENCE NO.	SHEET NO.
R-3620	1C
Location and Surveys	

SURVEY CONTROL SHEET R-3620



VICINITY MAP

CONTROL

BY POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
EQR362007	GPS MON (R3620-7)	804177.5730	2737723.5780	10.52	180+77.88	13.68 RT
BY125	BY125	803618.9380	2737792.1650	9.11	176+95.17	426.37 RT
BY126	BY126	802999.2960	2738312.2100	9.22	175+56.98	1223.43 RT

BL POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
R362001	GPS MON (R3620-1)	789393.0560	2728998.5250	34.80	OUTSIDE PROJECT LIMITS	
R362002	GPS MON (R3620-2)	790475.4310	2729302.9820	12.97	12+80.71	16.48 LT
BL10	BL10	791297.9560	2729625.7590	11.68	21+57.11	61.15 RT
BL11	BL11	792388.1200	2729629.7520	12.10	32+36.27	33.45 RT
BL12	BL12	793430.5540	2729643.1700	11.48	42+78.54	56.21 RT
R362003	GPS MON (R3620-3)	794564.6030	2729589.4300	10.13	53+93.92	102.47 LT
BL13	BL13	795629.7340	2730260.7160	10.87	66+33.73	8.50 LT
BL14	BL14	796579.5240	2730868.5680	10.97	77+61.37	5.26 LT
BL15	BL15	797551.3630	2731494.7320	10.92	89+17.45	1.36 RT
BL16	BL16	798298.3530	2732011.8030	12.60	98+26.08	3.27 LT
R362005	GPS MON (R3620-5)	798647.4040	2732690.5160	10.97	105+32.63	306.62 RT
R362006	GPS MON (R3620-6)	799398.1560	2733007.5080	11.30	113+12.06	34.51 RT
BL17	BL17	799969.1510	2733536.7390	12.09	120+90.25	10.04 LT
BL18	BL18	800438.3540	2734088.0160	10.80	128+13.64	11.20 LT
BL19	BL19	800809.1610	2734576.6510	7.90	134+26.77	8.59 LT
BL20	BL20	801331.6900	2735283.6860	8.70	143+05.90	0.08 LT
BL21	BL21	801932.0460	2735983.2080	6.20	152+29.48	9.34 LT
BL22	BL22	802541.8340	2736497.4370	9.82	160+29.74	12.51 LT
BL23	BL23	803329.8290	2736930.6110	7.13	169+26.56	79.96 LT
BL24	BL24	803954.5920	2736905.6180	5.60	173+90.94	469.15 LT
R362007	GPS MON (R3620-7)	804177.5730	2737723.5780	10.52	180+77.88	13.68 RT
R362008	GPS MON (R3620-8)	805060.9350	2738473.6300	9.04	192+36.71	17.24 RT
HOLLY1	GPS MON (HOLLY)	798500.0000	2732200.0000	10.00	101+00.98	21.80 RT

BENCHMARKS

BM10 ELEVATION = 13.44
N 790338 E 2729224
L STATION 11+27.00 53 LEFT
RR SPIKE IN 17" PINE

BM11 ELEVATION = 13.52
N 792126 E 2729686
L STATION 29+73.00 88 RIGHT
RR SPIKE IN 20" PINE

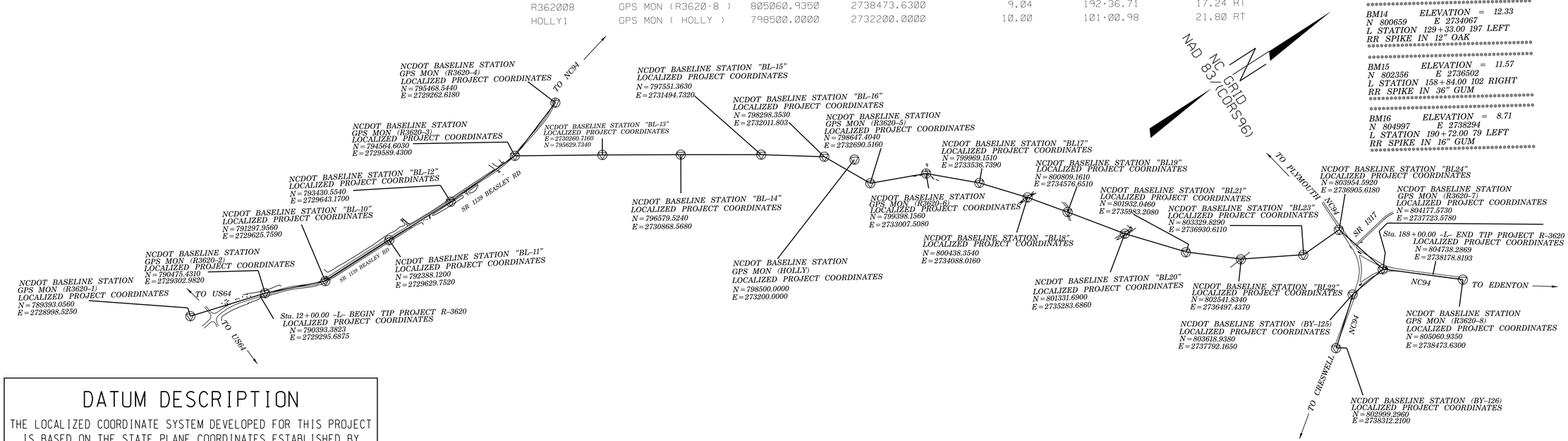
BM12 ELEVATION = 9.80
N 794328 E 2729488
L STATION 51+52.00 145 LEFT
RR SPIKE IN 17" PINE

BM13 ELEVATION = 13.78
N 797571 E 2731360
L STATION 88+62.00 123 LEFT
RR SPIKE IN 12" GUM

BM14 ELEVATION = 12.33
N 800659 E 2734067
L STATION 129+33.00 197 LEFT
RR SPIKE IN 12" OAK

BM15 ELEVATION = 11.57
N 802356 E 2736502
L STATION 158+84.00 102 RIGHT
RR SPIKE IN 36" GUM

BM16 ELEVATION = 8.71
N 804997 E 2738294
L STATION 190+72.00 79 LEFT
RR SPIKE IN 16" GUM



DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "HOLLY"
WITH NAD 83/ (CORS96) STATE PLANE GRID COORDINATES OF
NORTHING: 798500.000(ft) EASTING: 2732200.000(ft)
ELEVATION: 10.00(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.999944893
THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "HOLLY" TO -L- STATION 12+00.00 IS S 19 ° 42' 39" W 8,611.17'
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

NOTE: DRAWING NOT TO SCALE

NOTES:

THE CONTROL DATA FOR THIS PROJECT CAN BE FOUND ELECTRONICALLY BY SELECTING PROJECT CONTROL DATA AT:
HTTP:/WWW.DOH.DOT.STATE.NC.US/PRECONSTRUCT/HIGHWAY/LOCATION/PROJECT/
FILE: R3620_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 CONVENTIONAL METHODS FROM R-3620 CONTROL MONUMENTION.

09-APR-2014 13:59
R:\Roadway\Proj\R3620_ls_lc.dgn
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