PROJECT REFERENCE	SHEET NO.
17BP.5.R.51 – WAKE 27	1C-1
Location and Surveys	

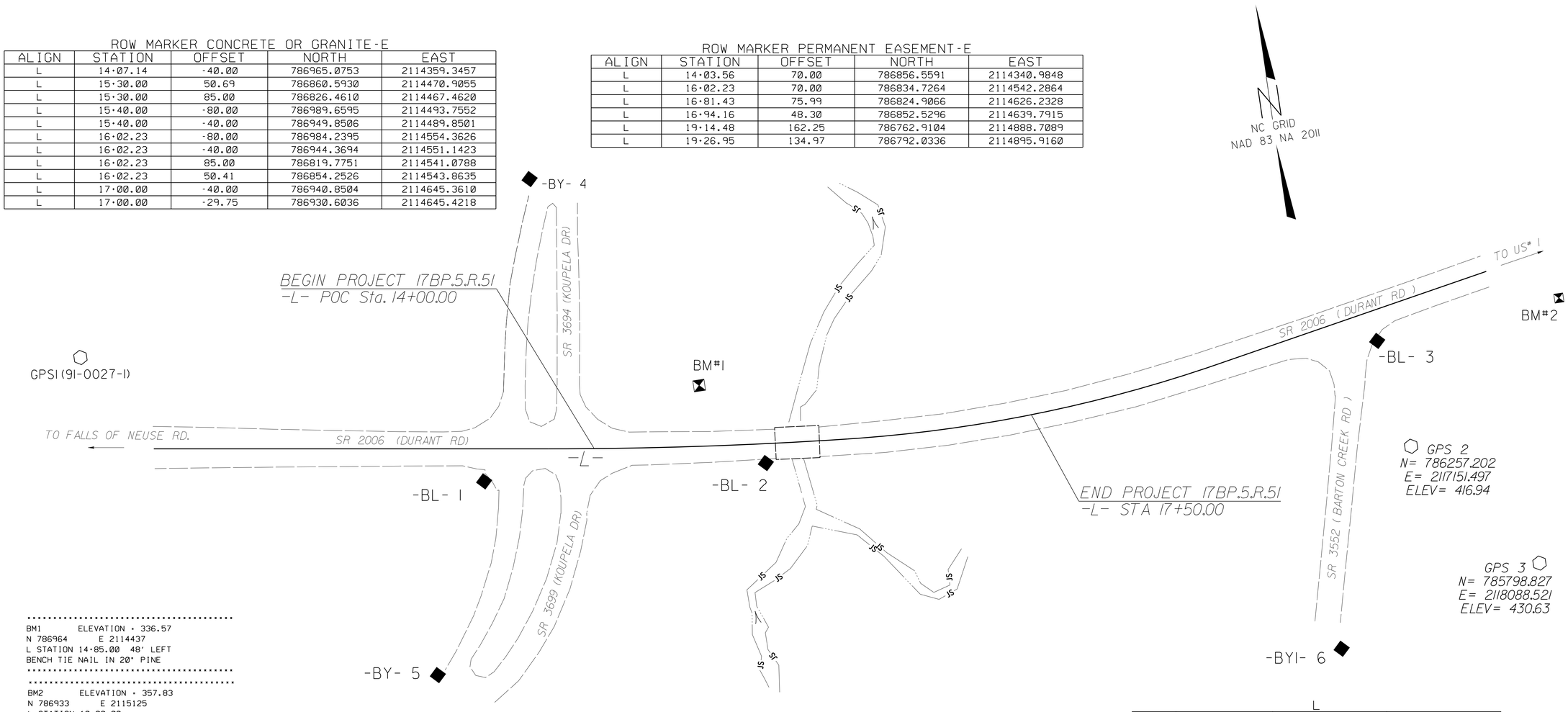
SURVEY CONTROL SHEET 91–0027

ROW MARKER CONCRETE OR GRANITE-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	14+07.14	-40.00	786965.0753	2114359.3457
L	15+30.00	50.69	786860.5930	2114470.9055
L	15+30.00	85.00	786826.4610	2114467.4620
L	15+40.00	-80.00	786989.6595	2114493.7552
L	15+40.00	-40.00	786949.8506	2114489.8501
L	16+02.23	-80.00	786984.2395	2114554.3626
L	16+02.23	-40.00	786944.3694	2114551.1423
L	16+02.23	85.00	786819.7751	2114541.0788
L	16+02.23	50.41	786854.2526	2114543.8635
L	17+00.00	-40.00	786940.8504	2114645.3610
L	17+00.00	-29.75	786930.6036	2114645.4218

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	14+03.56	70.00	786856.5591	2114340.9848
L	16+02.23	70.00	786834.7264	2114542.2864
L	16+81.43	75.99	786824.9066	2114626.2328
L	16+94.16	48.30	786852.5296	2114639.7915
L	19+14.48	162.25	786762.9104	2114888.7089
L	19+26.95	134.97	786792.0336	2114895.9160



BM1 ELEVATION = 336.57
N 786964 E 2114437
L STATION 14+85.00 48' LEFT
BENCH TIE NAIL IN 20" PINE

BM2 ELEVATION = 357.83
N 786933 E 2115125
L STATION 10+00.00
S 87°28'44" E DIST 1175'
BENCH TIE NAIL IN 28" PINE

BL

POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
GPS1	91-0027-1	787034.4862	2113774.7938	384.09	OUTSIDE PROJECT LIMITS	
BL1	-BL-1	786913.3558	2114256.2512	349.30	13+12.21	25.96 RT
BL2	-BL-2	786895.0176	2114480.5280	336.89	15+36.09	15.48 RT
BL3	-BL-3	786920.2285	2114976.8696	347.70	20+30.23	23.97 RT

BY

POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
BY4	-BY-4	787146.4225	2114327.2683	346.90	13+48.45	214.98 LT
BYBL1		786913.3558	2114256.2512	349.30	13+12.21	25.96 RT
BY5	-BY-5	786765.9606	2114197.2056	353.99	12+75.31	180.39 RT

BY1

POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
BYBL3		786920.2285	2114976.8696	347.70	20+30.23	23.97 RT
BY16	BY1 6	786681.5900	2114913.0200	345.18	19+23.32	246.67 RT

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "91-0027-2" WITH NAD 83/NA 2011 STATE PLANE GRID COORDINATES OF NORTHING: 786257.202 (ft) EASTING: 2117151.497(ft) ELEVATION: 416.944(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: .9999239858
THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "91-0027-2" TO -L- STATION 14+00.00 IS N 76°34'46.8"W 2883.32 (ft)
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

GEOID G12NC
NOTE: DRAWING NOT TO SCALE

L

TYPE	STATION	NORTH	EAST
POT	10+00.00	786984.6000	2113951.1700
PC	13+63.75	786931.5110	2114311.0258
PCC	16+02.23	786904.4992	2114547.9219
PT	19+03.66	786920.3560	2114848.0482
POT	21+30.52	786962.3450	2115070.9850

NOTES:

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.

5/24/16

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