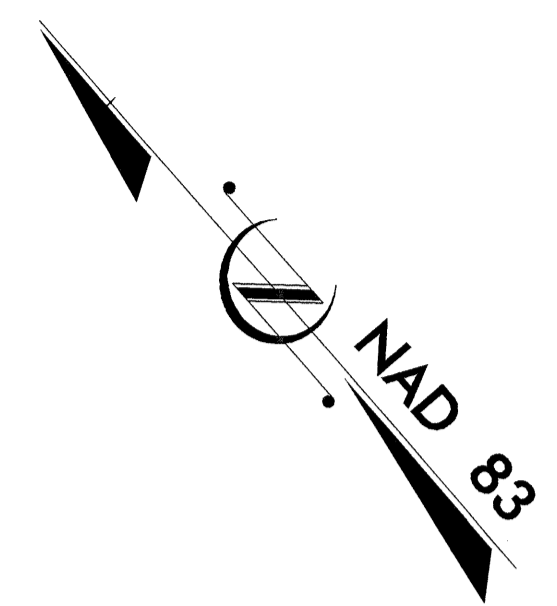
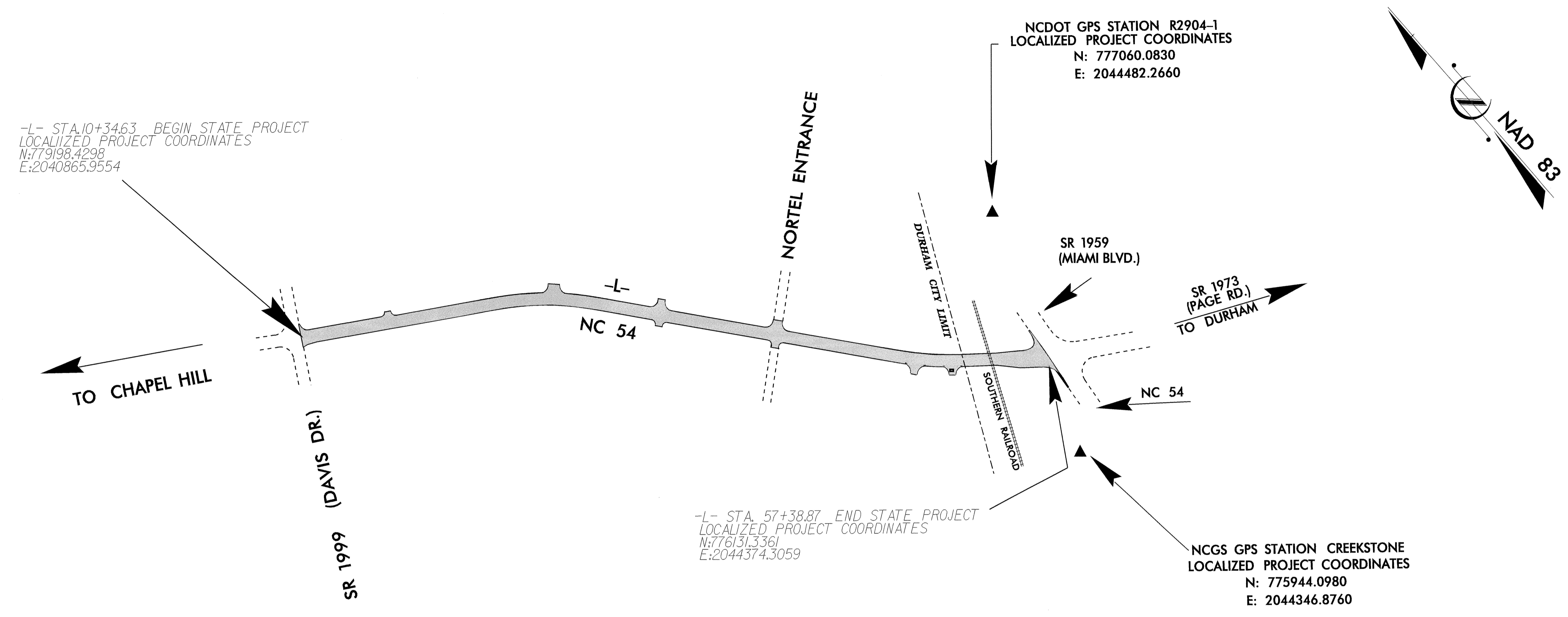


SURVEY CONTROL SHEET R-2904



BASELINE DATA

BL	POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
227	U4026	BY11-227	779423.0170	2040411.5000	309.28	OUTSIDE PROJECT LIMITS	
134	U4026	BL-134	779140.0310	2040835.4140	320.06	10+37.84	65.82 RT
229	U4026	BY11-229	778903.6490	2041293.1200	316.43	15+52.23	38.09 RT
301	R2904	BL-301	778353.8950	2042195.6120	312.14	26+15.05	23.74 RT
302	R2904	BL-302	777874.8250	2042621.4750	338.19	32+60.35	36.11 RT
303	R2904	BL-303	777270.9610	2043151.4750	360.42	40+63.80	31.25 RT
304	R2904	BL-304	776753.1320	2043623.1990	368.08	47+63.99	14.17 RT
305	R2904	BL-305	776370.4430	2044036.8420	403.13	53+25.70	18.58 RT
306	R2904	BL-306	776215.7950	2044348.3380	410.33	56+66.50	50.70 LT
660		NCGS CREEKSTONE	775944.0980	2044346.8760	412.36	58+32.23	164.61 RT

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "R2000-26" WITH NAD 83 STATE PLANE GRID COORDINATES OF NORTHING: 765141.403(ft) EASTING: 2040223.344(ft) THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.99991540 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "R2000-26" TO -L- STATION 10+00.00 IS N 2°29'34.2"E 14087.88' ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES VERTICAL DATUM USED IS NGVD 29

1. 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/](http://www.doh.dot.state.nc.us/preconstruct/highway/location/project/)

THE FILES TO BE FOUND ARE AS FOLLOWS:
R2904_LS_CONTROL_031124.TXT

▲ INDICATES GEODETIC CONTROL MONUMENTS USED OR SET FOR HORIZONTAL PROJECT CONTROL BY THE NCDOT LOCATION AND SURVEYS UNIT.
PROJECT CONTROL ESTABLISHED UTILIZING GLOBAL POSITIONING SYSTEM.
NETWORK ESTABLISHED FROM EXISTING NCGS MONUMENTATION.

BENCHMARK DATA

1	ELEVATION = 323.73
N 778939	E 2040984
L STATION 12+68 164 RIGHT	
BM * 1 R/R SPIKE IN BASE OF 24' OAK TREE	
2	ELEVATION = 310.31
N 777798	E 2042449
L STATION 32+05 216 RIGHT	
BM * 2 R/R SPIKE IN BASE OF 15' PINE TREE	
3	ELEVATION = 405.13
N 776239	E 2044030
L STATION 54+02 127 RIGHT	
BM * 3 R/R SPIKE IN BASE OF 15' PINE TREE	

NOTE: DRAWING NOT TO SCALE