

09/08/19

REVISIONS

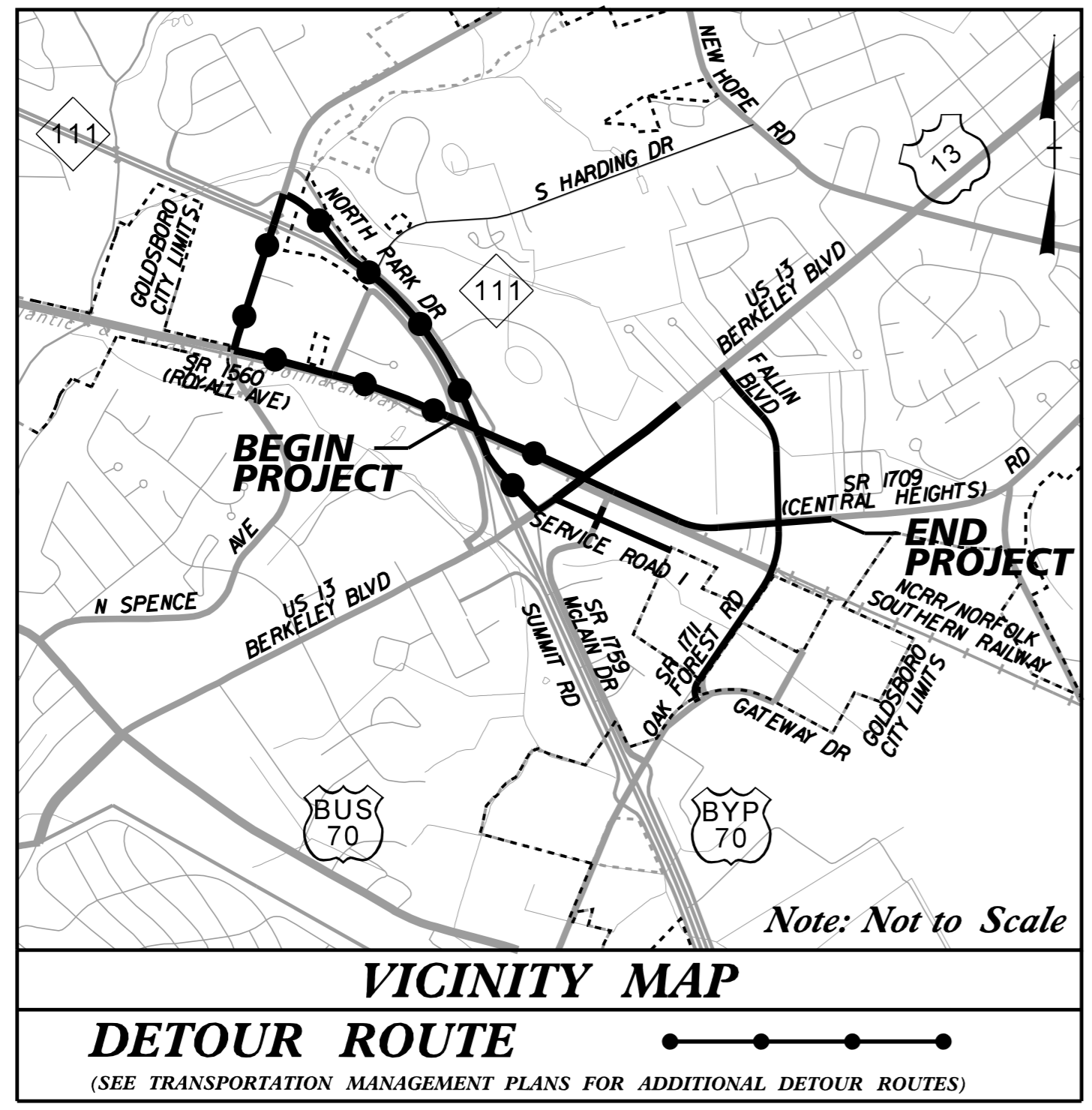
K:\RAL_Roadway\01036333 - U-5724 (Central Heights)\Roadway\Proj\U-5724_rdy_tshdgn

10/10/2022

TIP PROJECT: U-5724

CONTRACT: C204540

SEE SHEET 1A FOR INDEX OF SHEETS
SEE SHEET 1B FOR CONVENTIONAL PLAN SHEET SYMBOLS



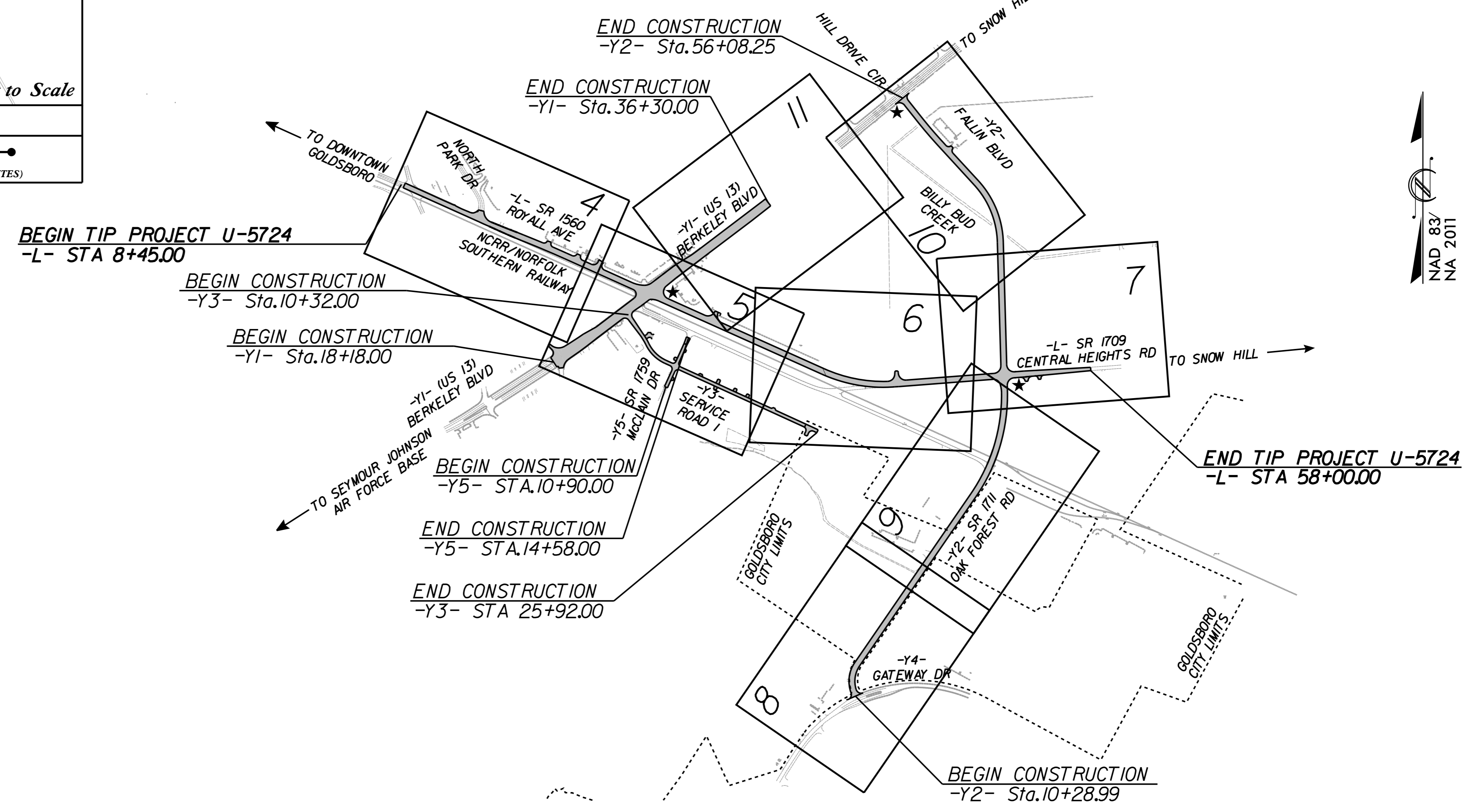
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
WAYNE COUNTY

LOCATION: US 13 (BERKELEY BOULEVARD) - REALIGNMENT OF SR 1709 (CENTRAL HEIGHTS ROAD) AT BERKELEY BOULEVARD

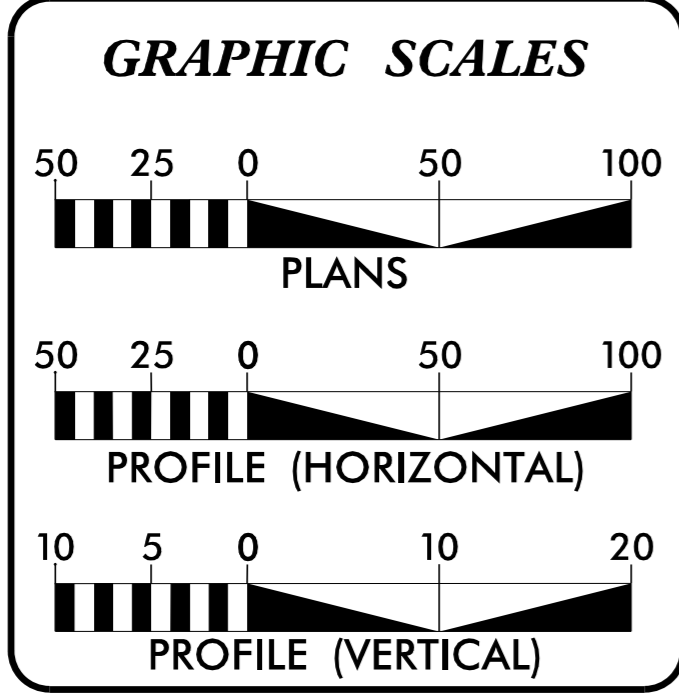
TYPE OF WORK: GRADING, DRAINAGE, PAVING, CULVERT, AND SIGNALS

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	U-5724	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
54016.1.2		PE	
54016.2.1		RW	
54016.2.1		UTL	
54016.3.1		CONST	

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



★ TRAFFIC SIGNAL



DESIGN DATA

AADT 2020 = 10,000
AADT 2040 = 12,300
K = 9%
D = 55%
T = 3%*
V = 50 MPH

CLASSIFICATION:
URBAN COLLECTOR

* 1% TTST 2% DUAL
SUB-REGIONAL TIER

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT U-5724 = 0.938 MILES

TOTAL LENGTH TIP PROJECT U-5724 = 0.938 MILES

PLANS PREPARED FOR THE NCDOT BY:

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE: AUGUST 15, 2018

LETTING DATE: NOVEMBER 15, 2022

Kimley»Horn

JASON D. LAWING, P.E. PROJECT ENGINEER

ELIZABETH W. LYNCH, P.E. PROJECT DESIGN ENGINEER

ADDISON GAINEY, PE PROJECT ENGINEER NCDOT HIGHWAY DIVISION 4

HYDRAULICS ENGINEER

10/10/2022 P.E.

SIGNATURE: _____

ROADWAY DESIGN ENGINEER

10/10/2022 P.E.

SIGNATURE: _____

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA