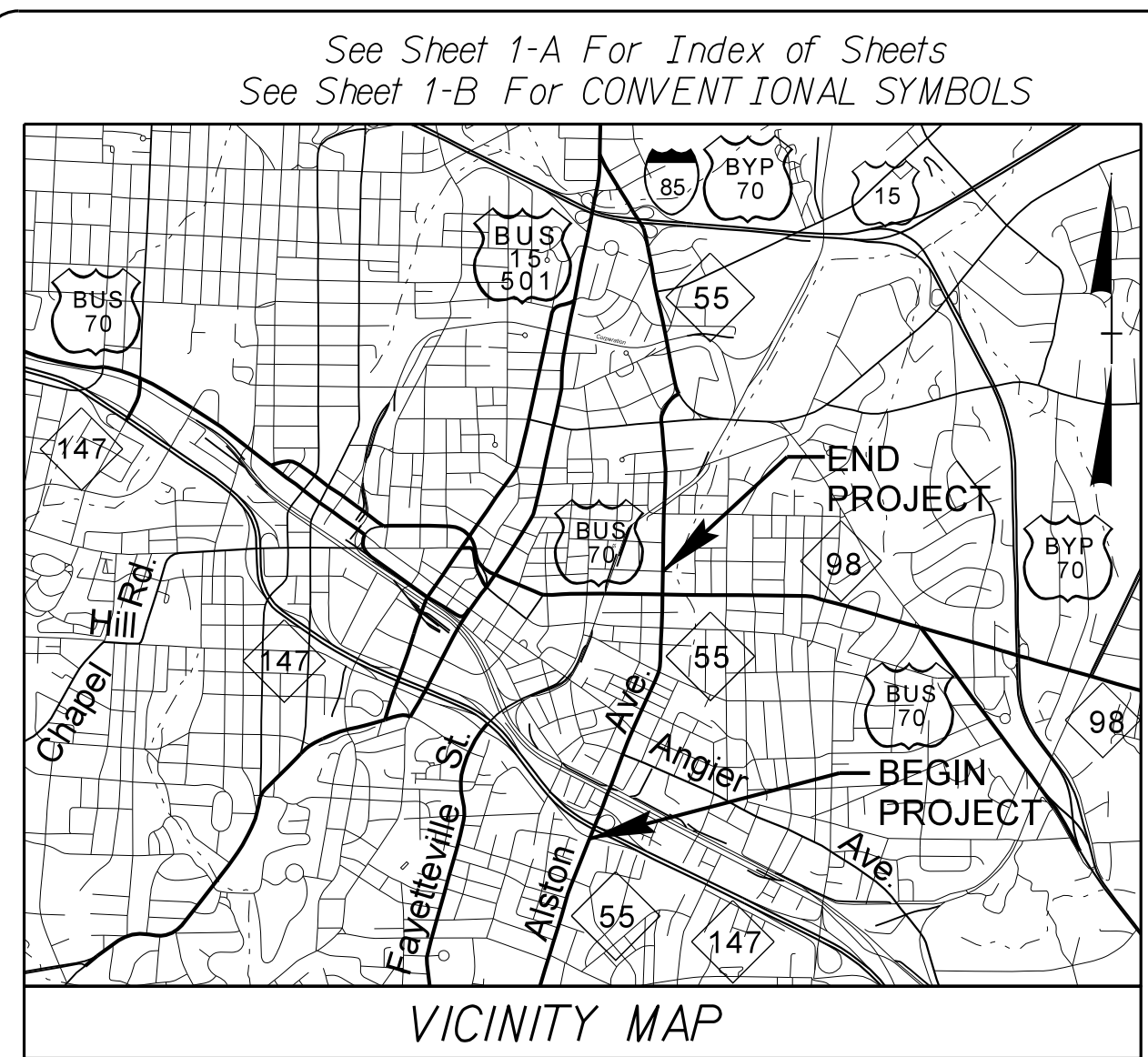


TIP PROJECT: U-3308
CONTRACT: C203567



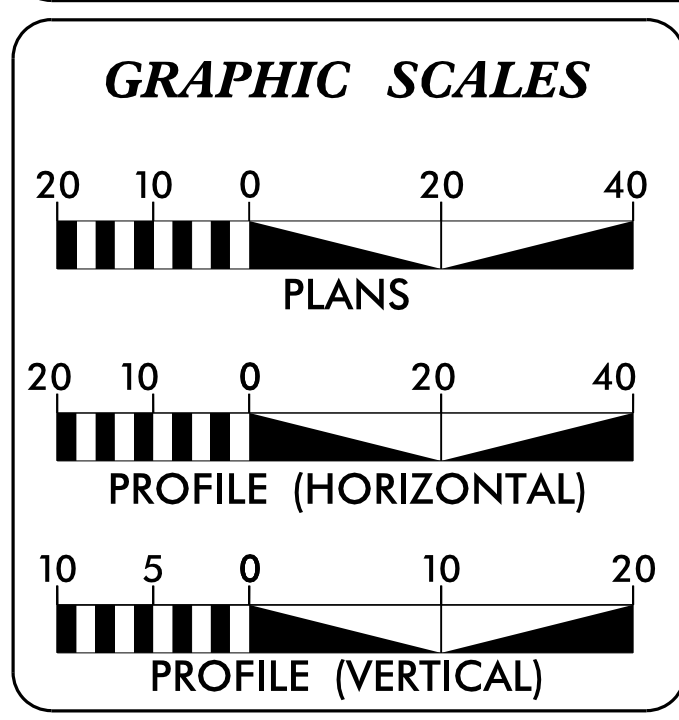
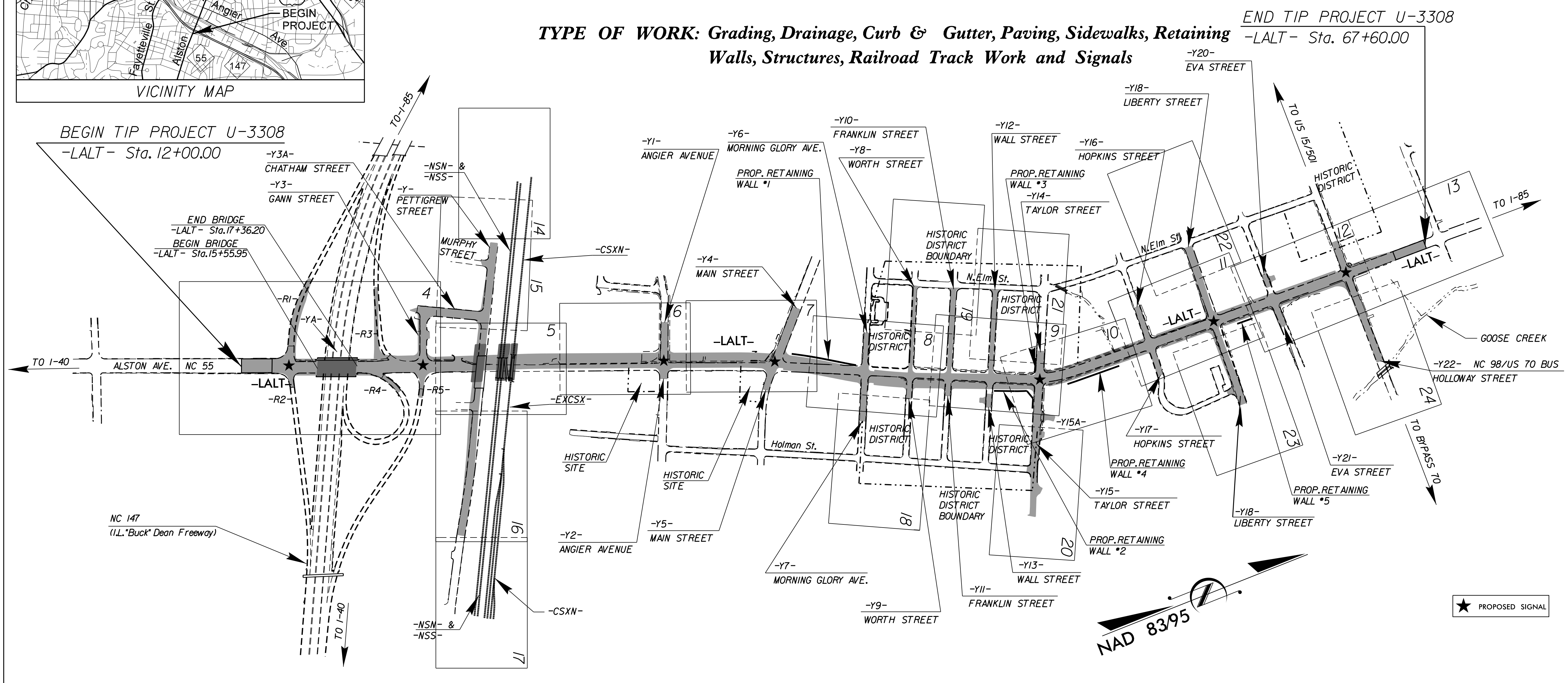
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

DURHAM COUNTY

LOCATION: NC 55 (ALSTON AVE.) FROM NC 147 (I.L. "BUCK" DEAN FREEWAY) TO NORTH OF US 70 BUSNC 98 (HOLLOWAY ST.)

TYPE OF WORK: Grading, Drainage, Curb & Gutter, Paving, Sidewalks, Retaining Walls, Structures, Railroad Track Work and Signals

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	U-3308	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
34915.1.1	STP-0055(20)	PE	
34915.2.1	STP-0055(20)	RW	
34915.2.U1	STP-0055(20)	UTILITIES	
34915.3.FRI	STP-0055(20)	CONST.	



DESIGN DATA

ADT 2016 =	25400 VPD
ADT 2036 =	32800 VPD
K =	9 %
D =	55 %
T =	7 % *
V =	35 MPH
* TTST 1%	DUAL 6%
Minor Arterial Regional Tier	

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT U-3308 =	1.019 mi
LENGTH STRUCTURE TIP PROJECT U-3308 =	0.034 mi
TOTAL LENGTH TIP PROJECT U-3308 =	1.053 mi

Prepared in the Office of:
DIVISION OF HIGHWAYS
1000 Birch Ridge Dr., Raleigh NC, 27610

2012 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
APRIL 30, 2013

LETTING DATE:
JULY 19, 2016

JAMES A. SPEER, PE
PROJECT ENGINEER

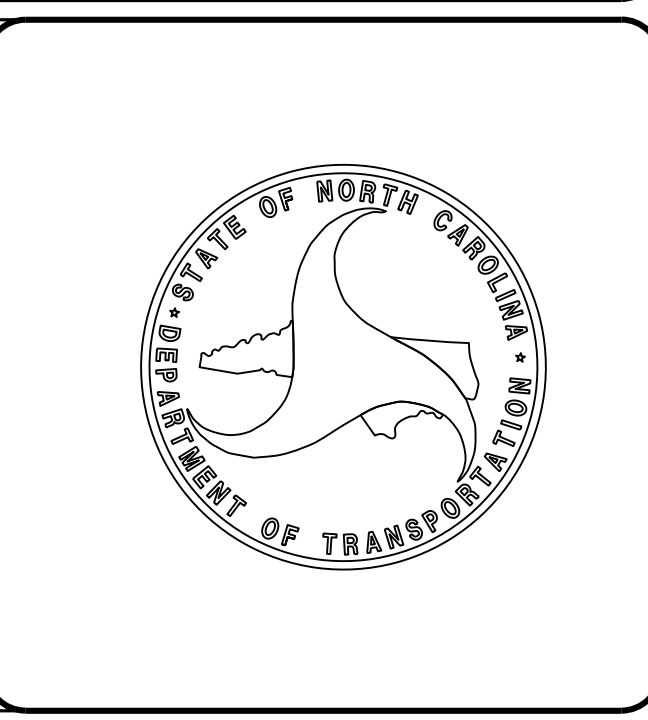
ALLISON K. WHITE
PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER

DocuSigned by:
Wm. H. Elam, Jr.
6/21/2016

ROADWAY DESIGN ENGINEER

DocuSigned by:
James Speer
6/21/2016



21-JUN-2016 10:57
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 \$\$\$USERNAME\$\$\$