

09/08/99

See Sheet 1-A For Index of Sheets
See Sheet 1-B For Conventional Symbols

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

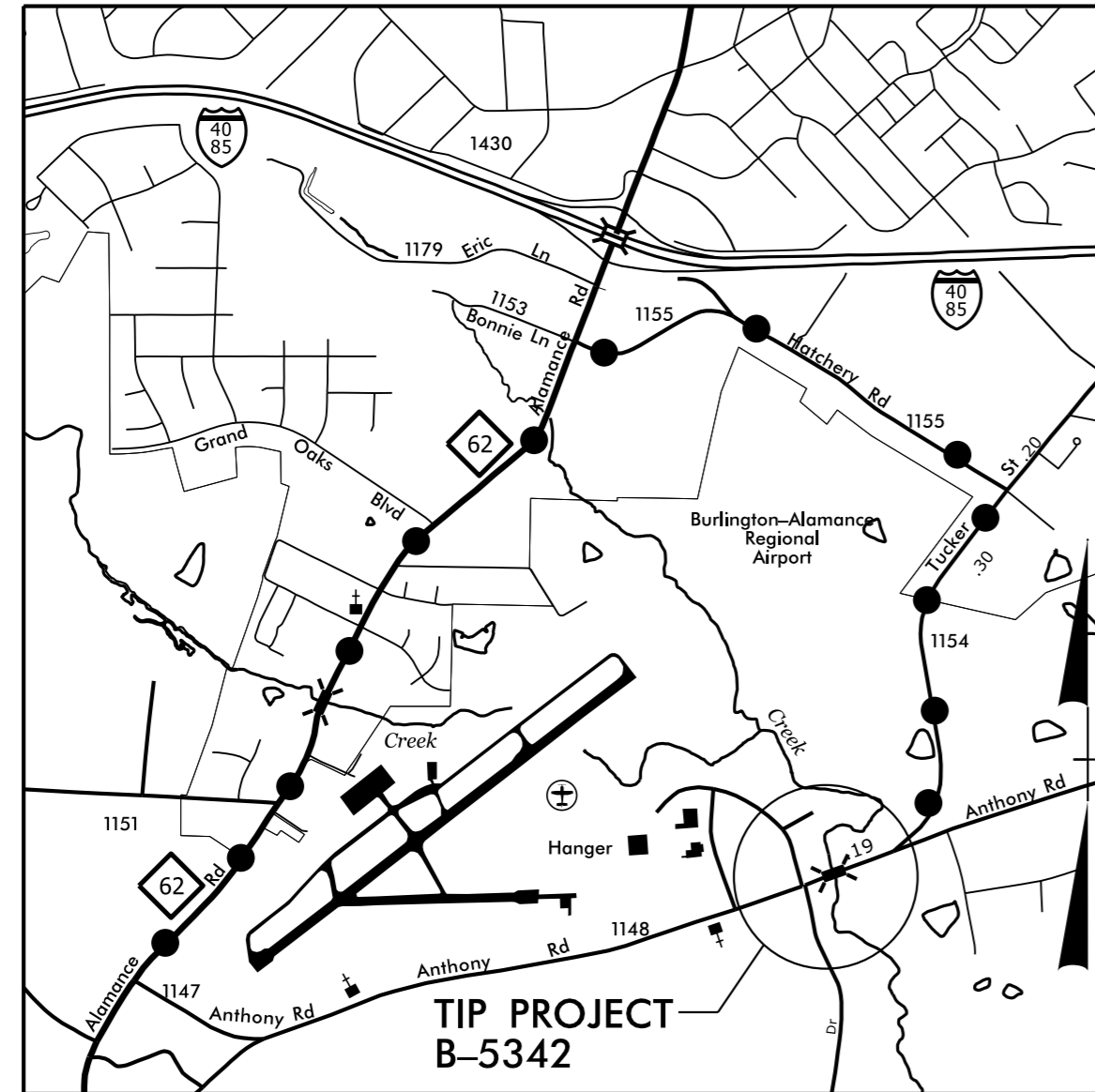
ALAMANCE COUNTY

LOCATION: BRIDGE NO. 169 OVER GUM CREEK ON SR 1148 (ANTHONY ROAD)

TYPE OF WORK: GRADING, DRAINAGE, PAVING, AND STRUCTURE

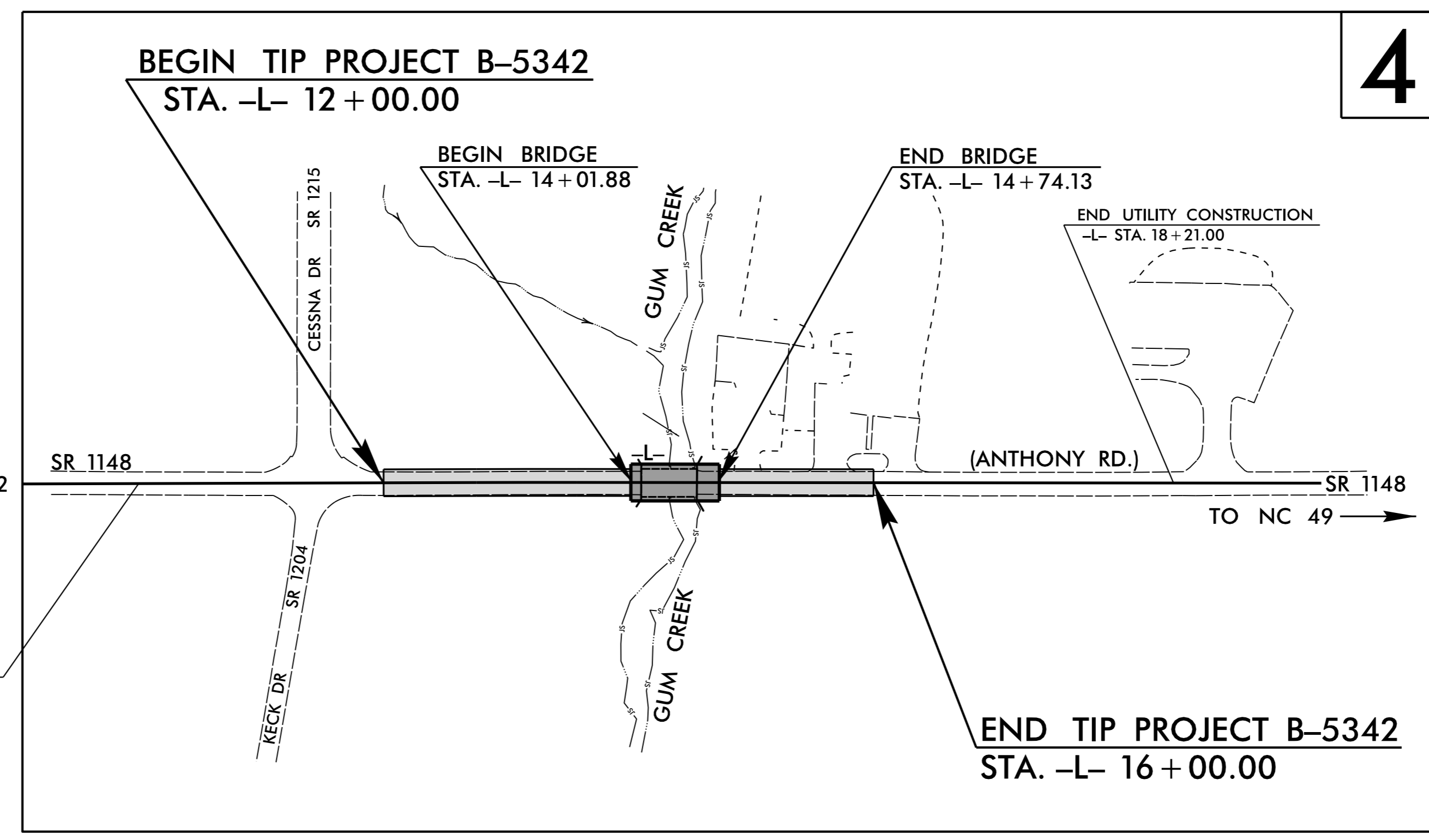
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-5342	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
46056.1.1	BRSTP-1148(5)	PE	
46056.2.FD1	BRSTP-1148(5)	RW & UTIL	
46056.3.2		CONST.	

TIP PROJECT: B-5342

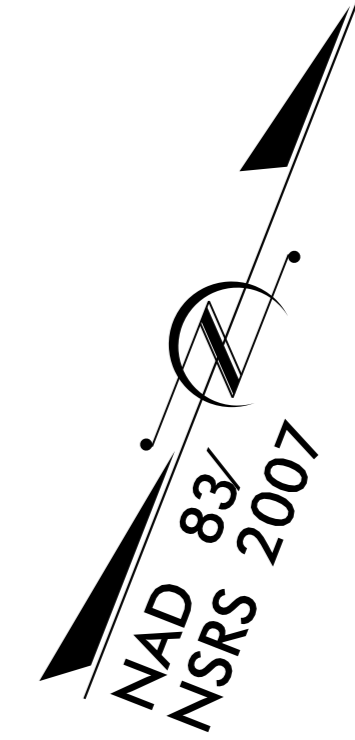


VICINITY MAP

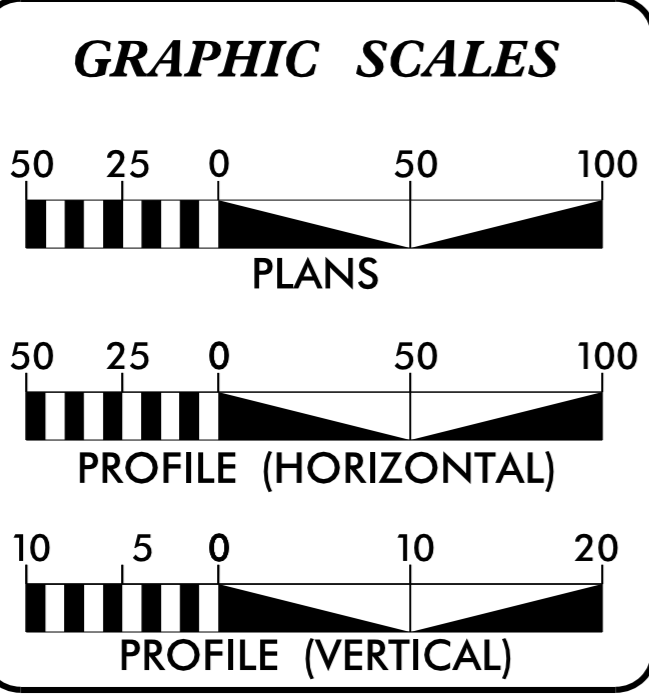
●●●●● OFFSITE DETOUR



4



*DESIGN EXCEPTION REQUIRED FOR SAG VERTICAL CURVE "K" FACTORS AND NIGHTTIME SSD.



DESIGN DATA

ADT 2015 = 4800 VPD
ADT 2035 = 6500 VPD
K = 11 %
D = 55 %
T = 8 % *
V = 50 MPH
* TTST = 2% DUAL = 6%
FUNC CLASS = COLLECTOR
SUB REGIONAL TIER

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT B-5342 = 0.062 MI
LENGTH STRUCTURE TIP PROJECT B-5342 = 0.014 MI
TOTAL LENGTH OF TIP PROJECT B-5342 = 0.076 MI

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

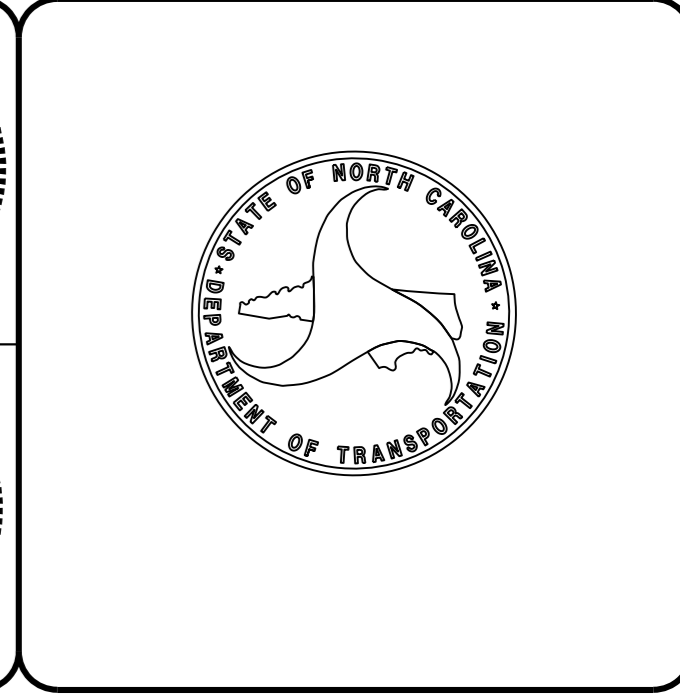
2012 STANDARD SPECIFICATIONS	
RIGHT OF WAY DATE: DECEMBER 11, 2014	JAMES A. SPEER, PE PROJECT ENGINEER
LETTING DATE: DECEMBER 15, 2015	ALLISON K. WHITE PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER

DocuSigned by:
John Oglesby
SIGNATURE: 10/19/2015 P.E.

ROADWAY DESIGN ENGINEER

DocuSigned by:
James Speer
SIGNATURE: 10/14/2015 P.E.



14-OCT-2015 07:32
R:\Roadway\Proj\B5342_Rdy_tsh.dgn
\$\$\$\$\$USERNAME\$\$\$\$\$

CONTRACT: C203660