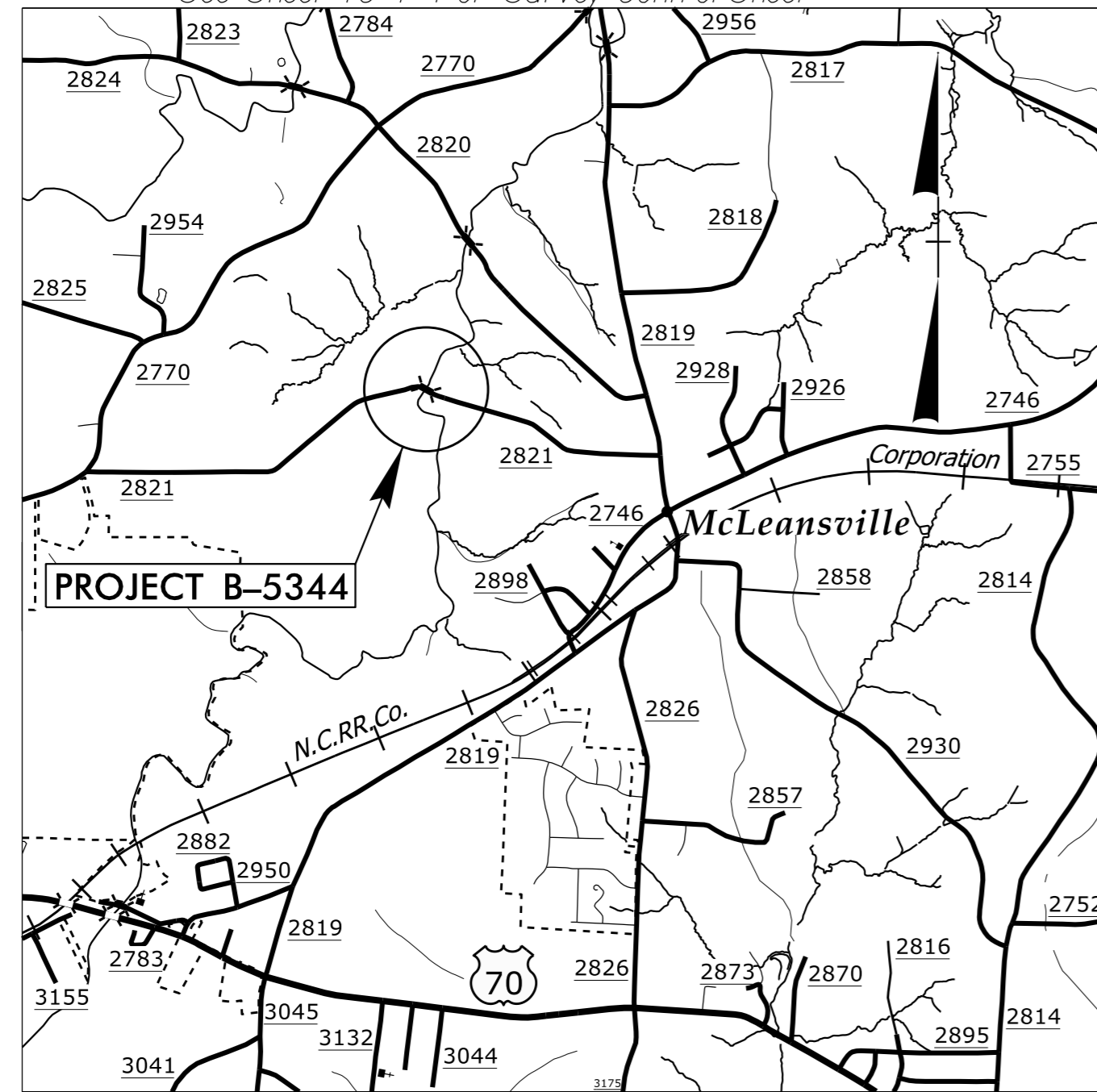


09/08/99

See Sheet 1A For Index of Sheets
See Sheet 1B For Conventional Plan Sheet Symbols
See Sheet 1C-1 For Survey Control Sheet



VICINITY MAP

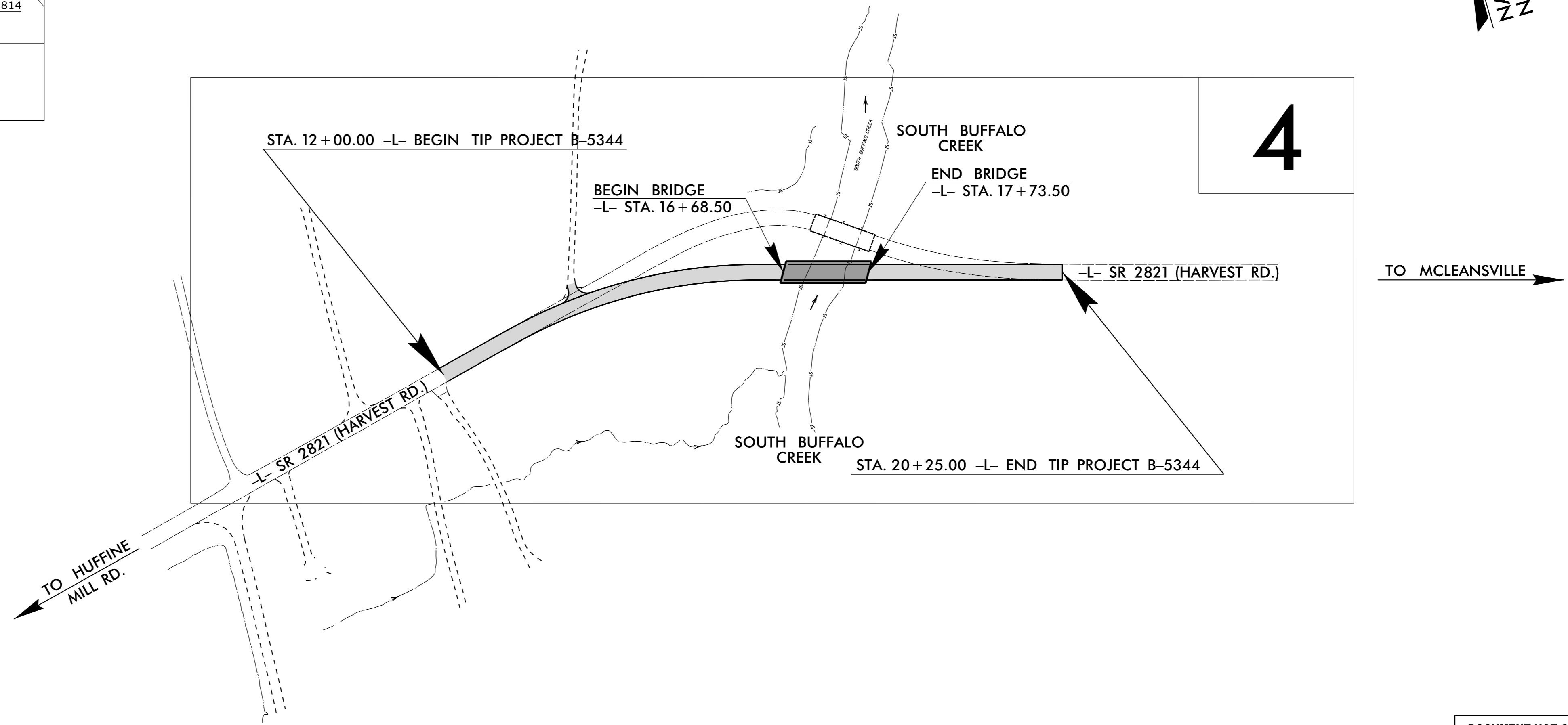
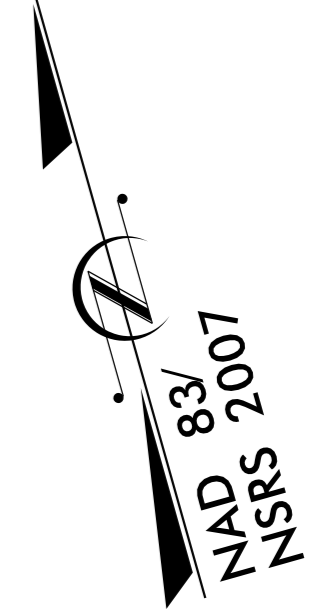
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

GUILFORD COUNTY

**LOCATION: BRIDGE NO. 161 OVER SOUTH BUFFALO CREEK
ON SR 2821 (HARVEST ROAD)**

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

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-5344	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
46058.1.1	BRZ-2821(1)	PE	
46058.2.1	BRZ-2821(1)	RW & UTILITIES	
46058.3.1	BRZ-2821(1)	CONST.	

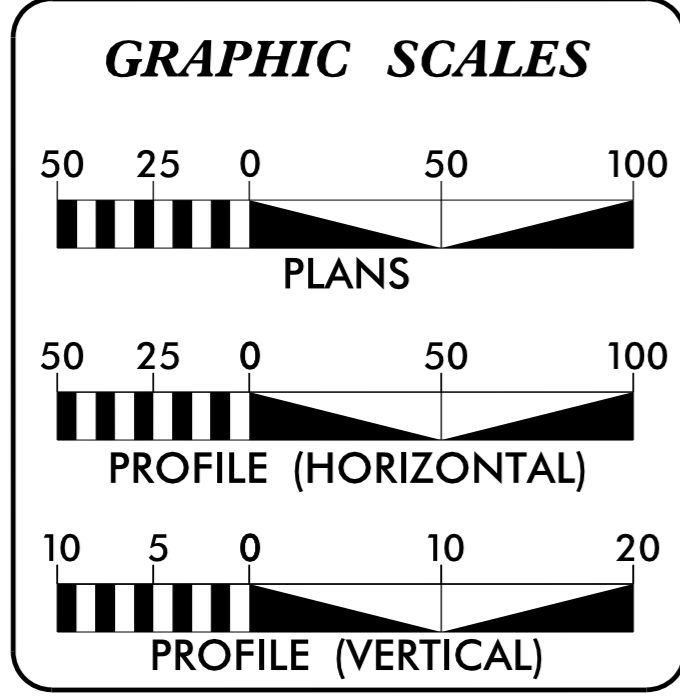


DESIGN EXCEPTION REQUIRED FOR DESIGN SPEED, SAG VERTICAL CURVES, AND ASSOCIATED STOPPING SIGHT DISTANCE.

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

TIP PROJECT: B-5344

CONTRACT: C203728



DESIGN DATA

ADT 2016 =	430
ADT 2040 =	600
K =	12 %
D =	55 %
T =	7 % *
V =	40 MPH
* TTST 1% DUAL 6%	
FUNC CLASS = LOCAL SUBREGIONAL TIER	

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT B-5344 =	0.136 MILES
LENGTH STRUCTURE TIP PROJECT B-5344 =	0.020 MILES
TOTAL LENGTH OF TIP PROJECT B-5344 =	0.156 MILES

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

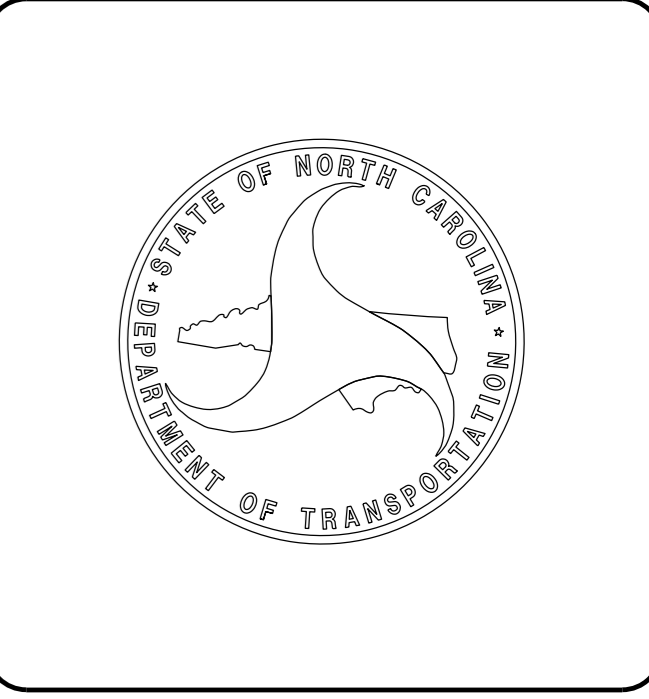
2012 STANDARD SPECIFICATIONS	
RIGHT OF WAY DATE: MAY 28, 2015	JAMES A. SPEER, PE PROJECT ENGINEER
LETTING DATE: MAY 17, 2016	DANIEL W. GARDNER, JR., PE PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER

2/22/2016
DocuSigned by:
William H. Elam
SIGNATURE:

ROADWAY DESIGN ENGINEER

2/22/2016
DocuSigned by:
Daniel W. Gardner, Jr.
SIGNATURE:



08-JAN-2016 09:50
R:\Roadway\Proj\B5344_Rdy_tsh.dgn
\$\$\$\$\$USERNAME\$\$\$\$\$