

09.08/99

See Sheets 1C-1 Thru 1C-6 For Survey Control Sheets

STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

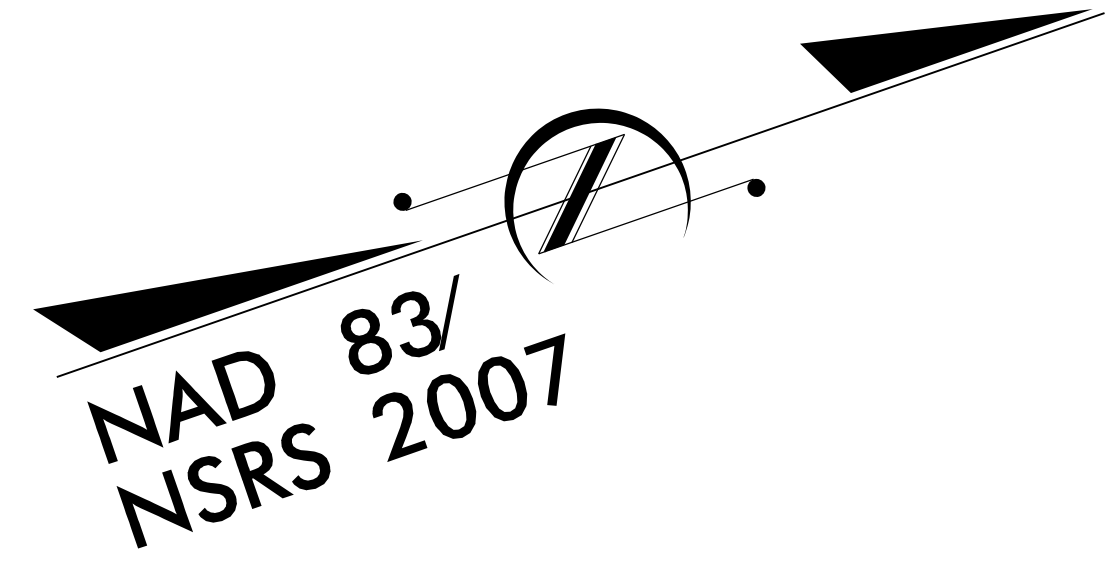
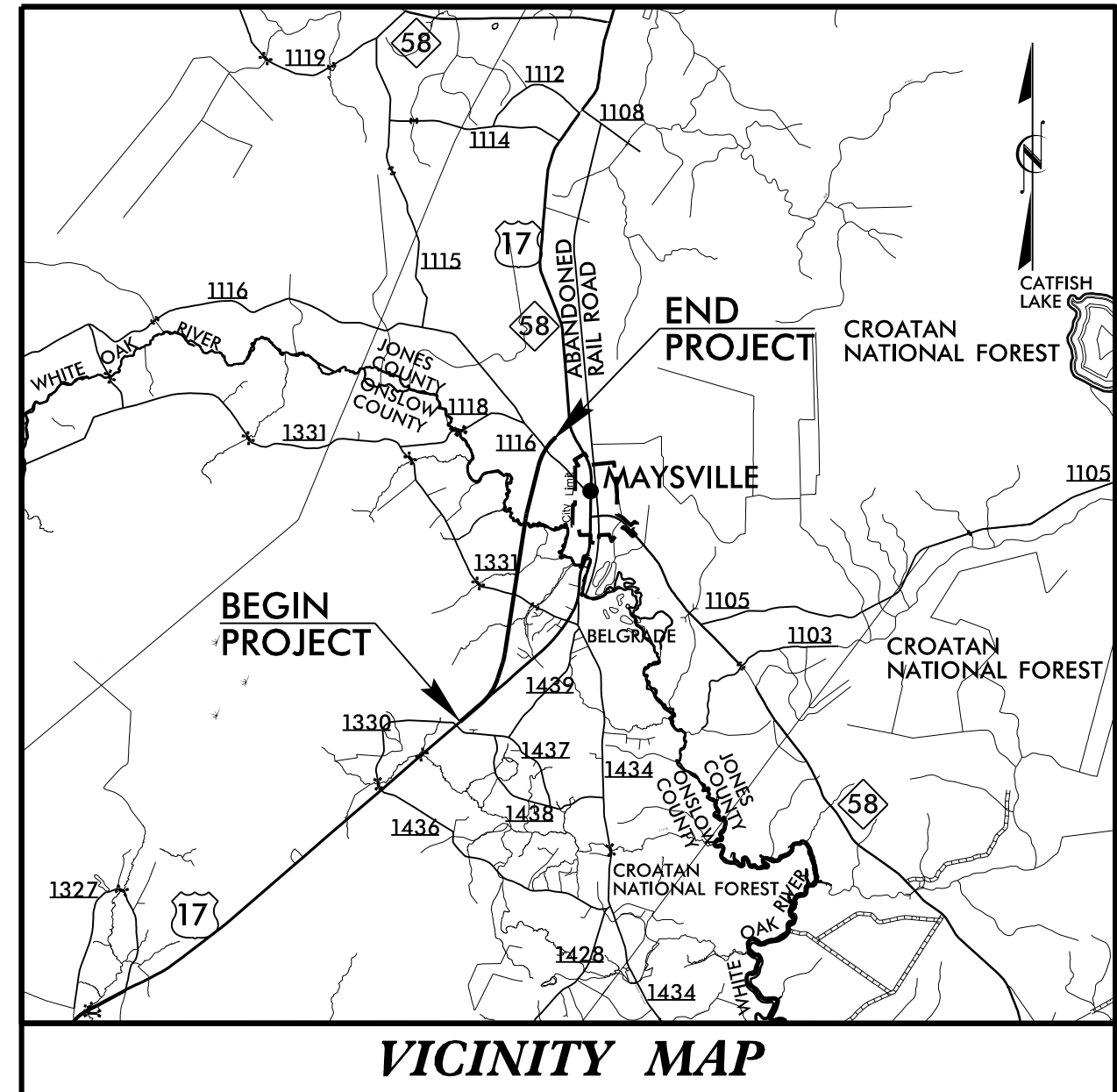
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	R-2514B	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
34442.1.3		PE	
34442.2.S3		ROW	
34442.2.SU3		UTIL	
34442.3.S4		CONST.	

# ONSLOW & JONES COUNTIES

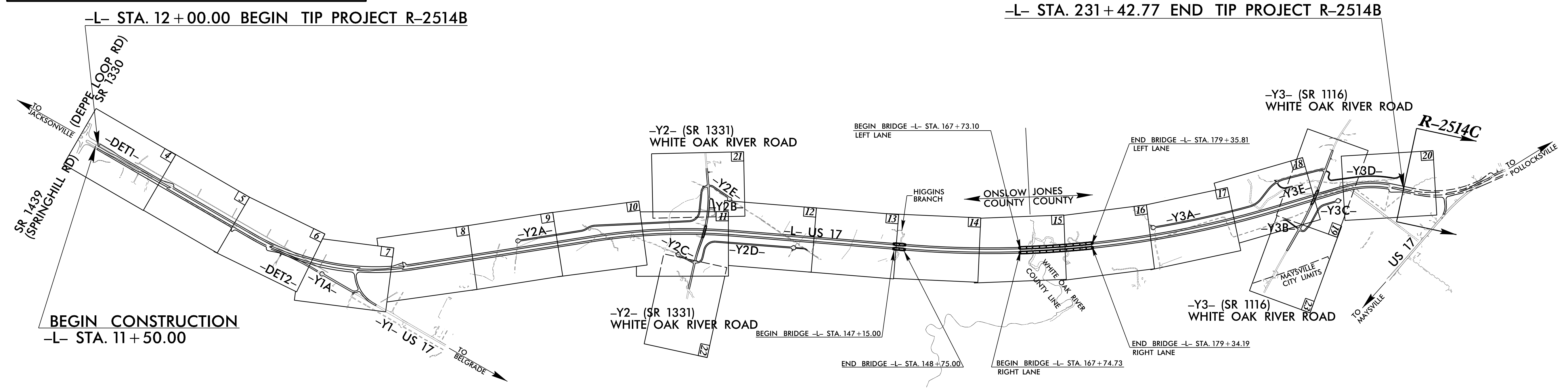
LOCATION: US 17 SOUTH OF BELGRADE  
TO NORTH OF MAYSVILLE

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

TIP PROJECT: R-2514B



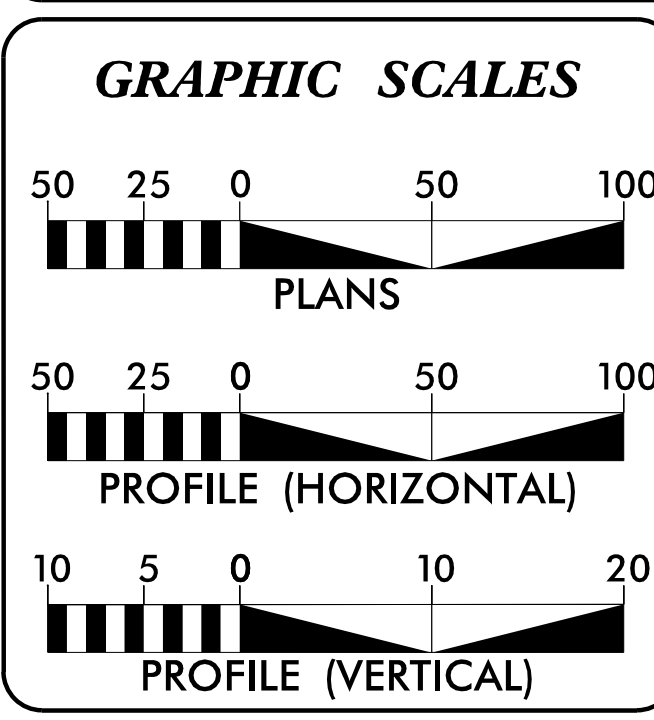
CONTRACT: C203591



\*DESIGN EXCEPTION REQUIRED FOR -Y2- SAG VERTICAL CURVE AND ASSOCIATED NIGHTTIME STOPPING SIGHT DISTANCE.  
THIS IS A FULL CONTROLLED-ACCESS PROJECT WITH ACCESS AS SHOWN ON PLANS.

SEE SHEET 4-A FOR -DET1- PLAN  
SEE SHEET 6-A FOR -DET2- PLAN

## PART 1 OF 2



**DESIGN DATA**

ADT 2015 =	6800 vpd
ADT 2035 =	15900 vpd
K =	7 %
D =	65 %
T =	7 % *
V =	70 MPH
* TTST =	4% DUAL = 3%
FUNC CLASS =	FREEWAY STATEWIDE TIER

**PROJECT LENGTH**

LENGTH ROADWAY OF TIP PROJECT R-2514B =	3.906 MILES
LENGTH STRUCTURE OF TIP PROJECT R-2514B =	0.250 MILES
TOTAL LENGTH OF TIP PROJECT R-2514B =	4.156 MILES

NOTE: -L- NBL USED TO DETERMINE LENGTH OF PROJECT

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

2012 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE: DECEMBER 17, 2013

LETTING DATE: JUNE 16, 2015

JAMES A. SPEER, PE  
PROJECT ENGINEER

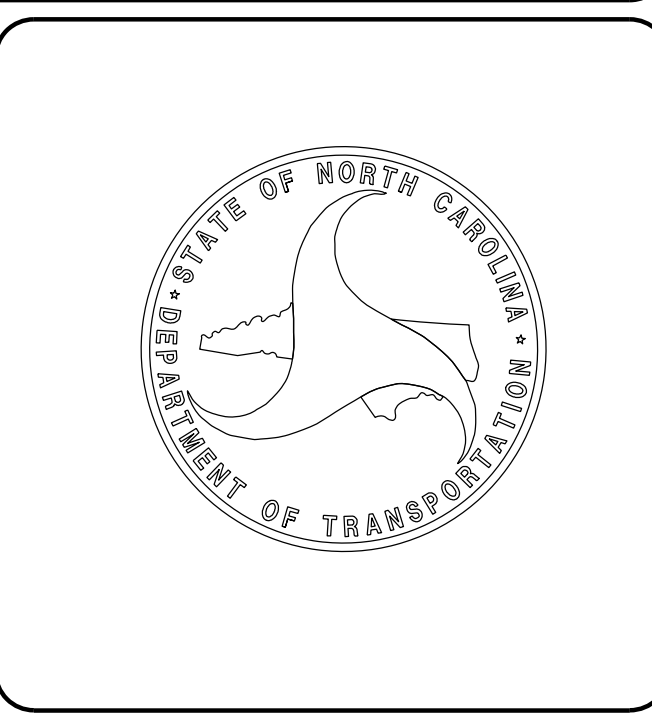
DANIEL W. GARDNER, JR., PE  
PROJECT DESIGN ENGINEER

**HYDRAULICS ENGINEER**

4/15/2015  
DocuSigned by:  
*Paul Atkinson*  
SIGNATURE: PAUL ATKINSON, P.E.

**ROADWAY DESIGN ENGINEER**

4/15/2015  
DocuSigned by:  
Daniel W. Gardner, Jr.  
SIGNATURE: DANIEL W. GARDNER, JR., P.E.



3/30/2015 P:\8522-01\Cadd\R2514B\_Roadway\Proj\R2514B\_Rdy\_1.tsh.dgn gmodlin