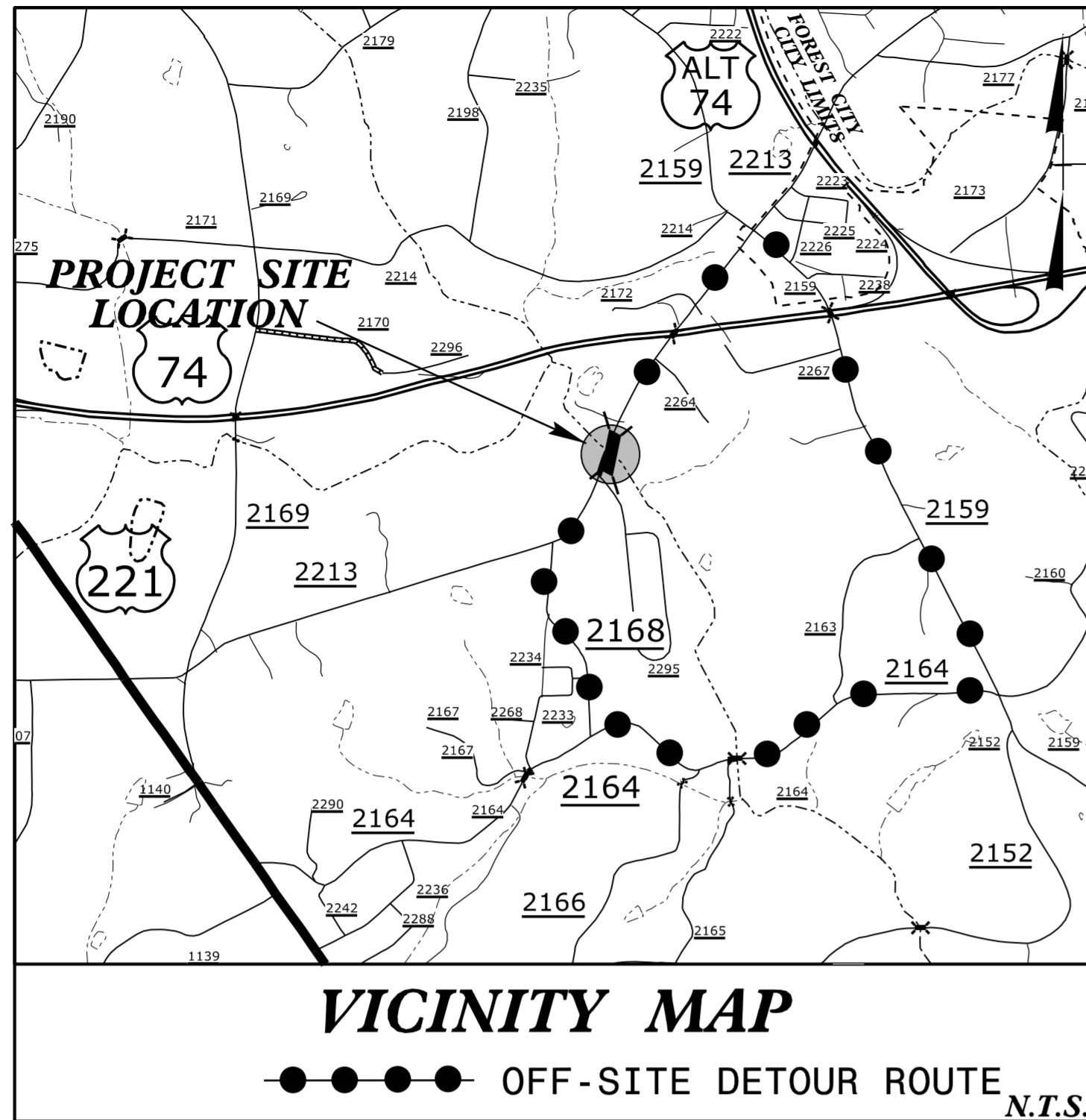


09/08/19

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



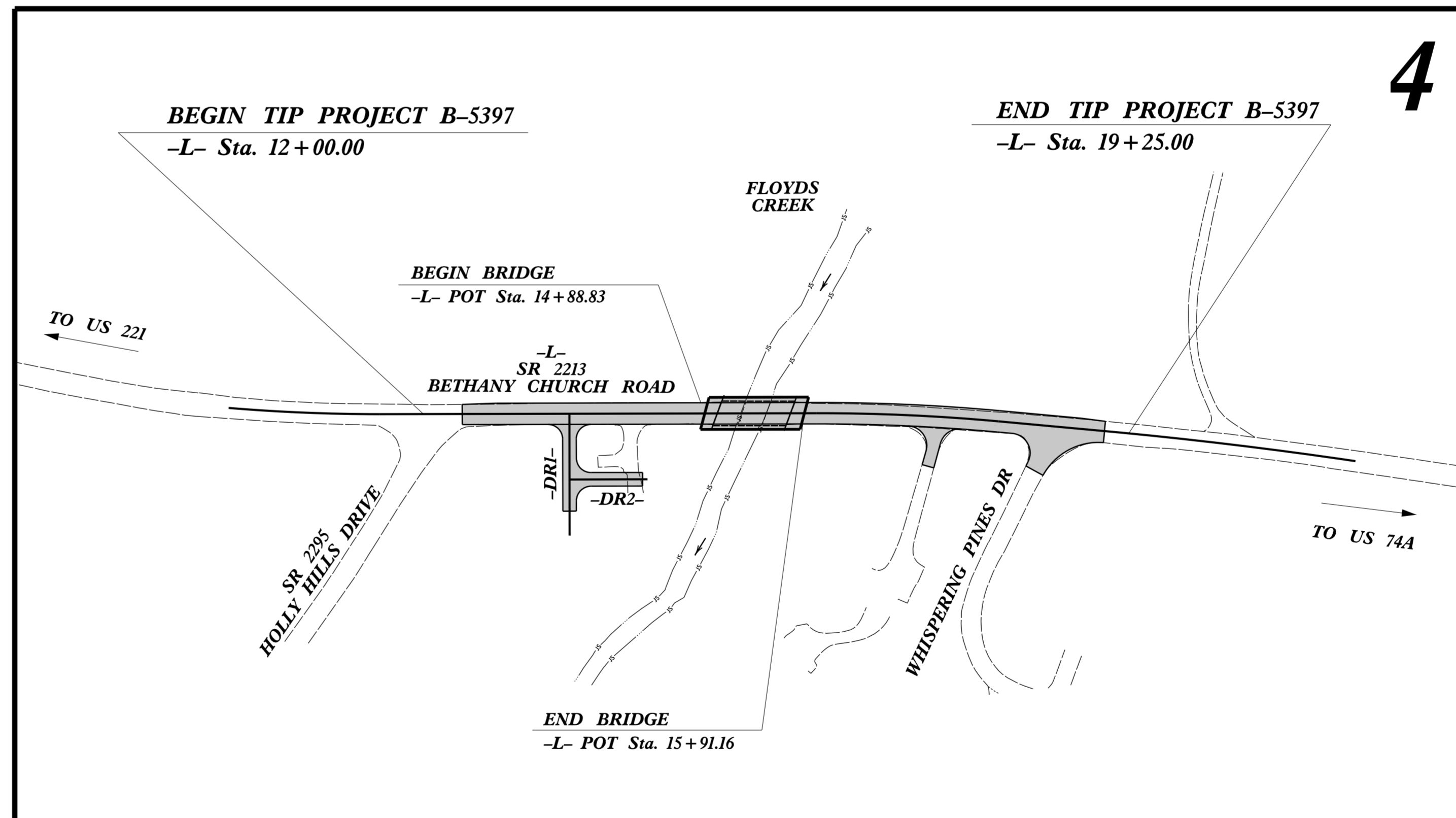
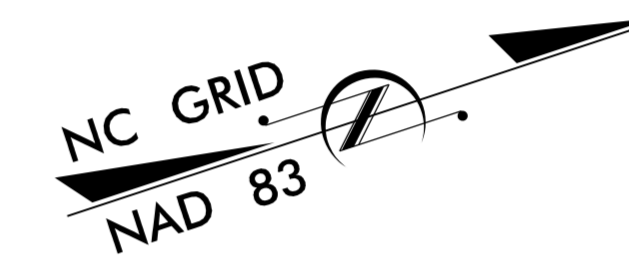
STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**RUTHERFORD COUNTY**

LOCATION: BRIDGE NO. 51 OVER FLOYDS CREEK  
ON SR 2213 (BETHANY CHURCH ROAD)

TYPE OF WORK: GRADING, DRAINAGE, PAVING AND STRUCTURE

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-5397	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
46112.1.1	BRZ-2213(2)	P.E.	
46112.2.1	BRZ-2213(2)	R/W	
46112.2.1	BRZ-2213(2)	UTILITY	
46112.3.1	BRZ-2213(2)	CONST.	

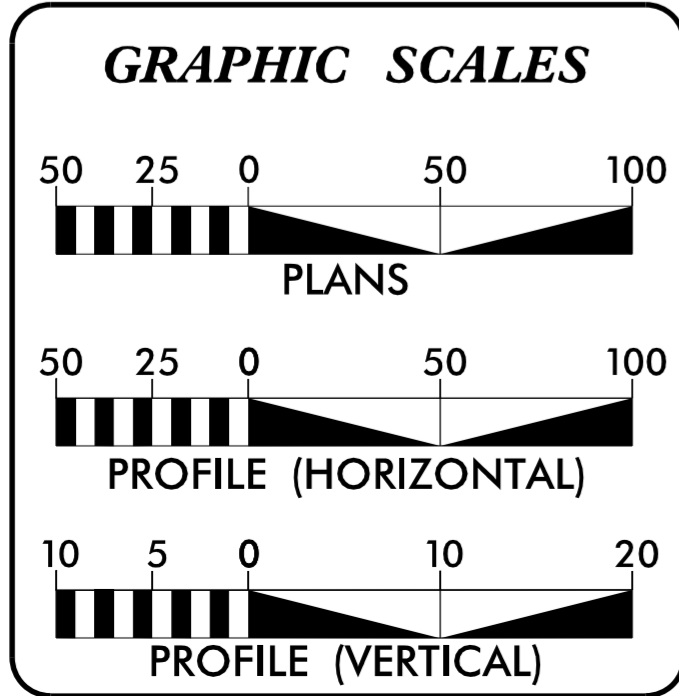


4

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

TIP PROJECT: B-5397

CONTRACT: C203847



**DESIGN DATA**

ADT 2017 =	5,000
ADT 2040 =	5,400
K =	10 %
D =	55 %
T =	6 % *
V =	40 MPH
* TTST =	1% DUAL 5%
FUNC CLASS =	LOCAL
SUB-REGIONAL TIER	

**PROJECT LENGTH**

LENGTH ROADWAY TIP PROJECT B-5397	=	0.118 mi.
LENGTH STRUCTURE TIP PROJECT B-5397	=	0.019 mi.
TOTAL LENGTH TIP PROJECT B-5397	=	0.137 mi.

PLANS PREPARED BY:  
**CH ENGINEERING**  
3220 GLEN ROYAL RD, RALEIGH, NC 27617  
TELE 919.788.0224 FAX 919.788.0232  
NC LICENSE #P-0189

2012 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:  
FEBRUARY 19, 2016

LETTING DATE:  
MARCH 21, 2017

PLANS PREPARED FOR:  
DIVISION OF HIGHWAYS  
1000 Birch Ridge Dr.  
Raleigh, NC 27610

BRIAN A. WILES, PE  
PROJECT ENGINEER

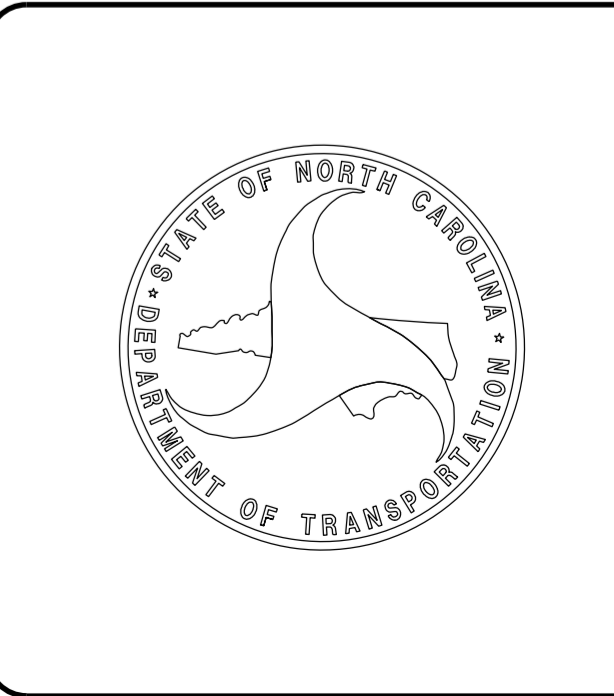
BRENDA MOORE, PE  
NCDOT CONTACT

**HYDRAULICS ENGINEER**  
2/21/2017

DocuSigned by:  
Joshua G. Dalton  
1089AD8C14994C3  
SIGNATURE:

**ROADWAY DESIGN ENGINEER**  
2/21/2017

DocuSigned by:  
Brian A Wiles  
889D0FEA2E34DE  
SIGNATURE:



2/21/2017  
R:\Roadway\Proj\B5397\_Rdy-tsh.dgn  
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