

TIP NO: U-5887

CONTRACT: C204631

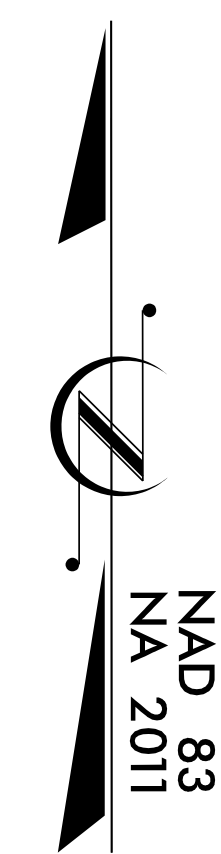
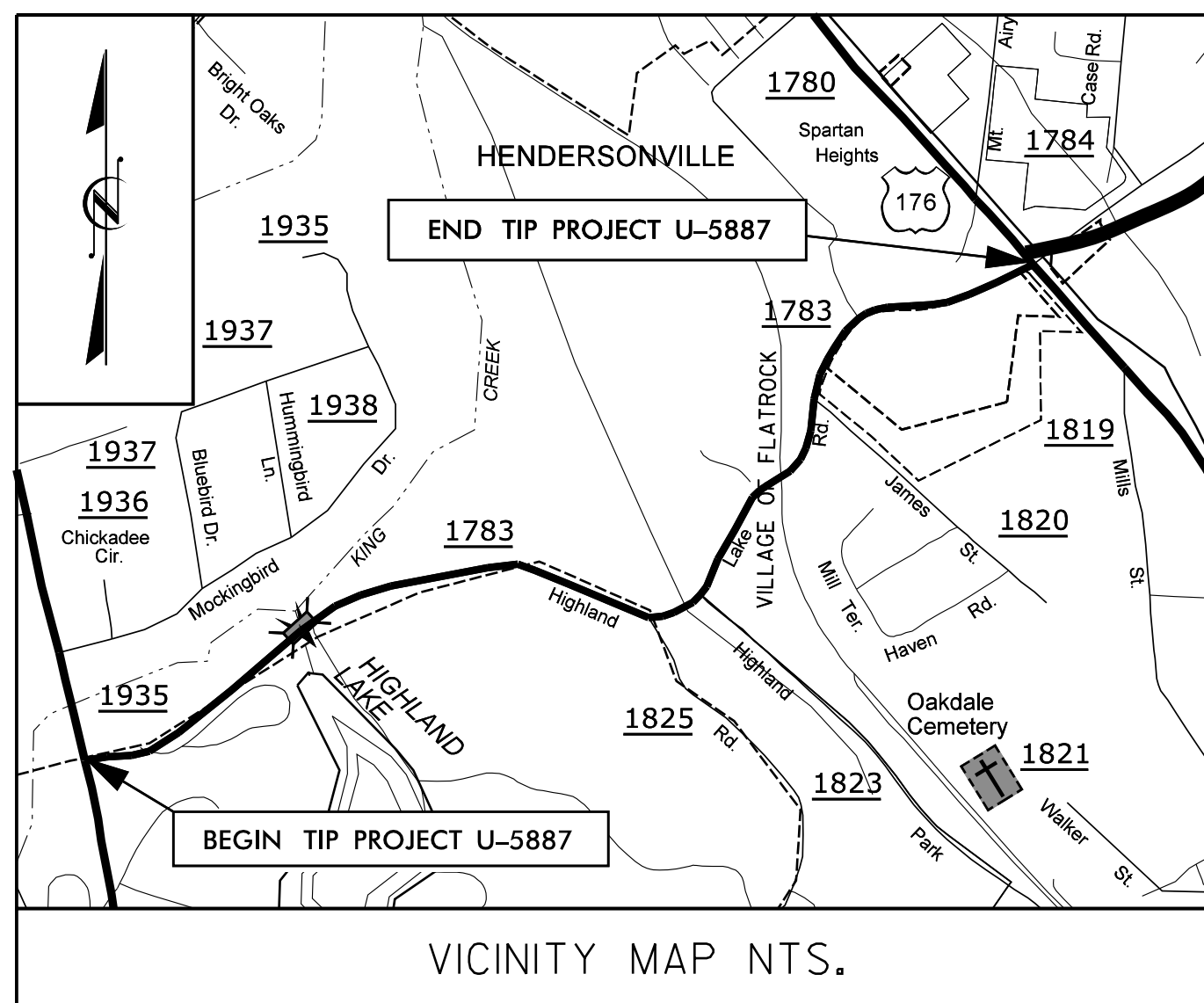
STATE OF NORTH CAROLINA

DIVISION OF HIGHWAYS

HENDERSON COUNTY

NEW STRUCTURE NO. 440394 OVER KING CREEK
ON SR 1783 (NORTH HIGHLAND LAKE ROAD)

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	U-5887		36
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
44634.1.1	---	PE	
44634.2.1	---	RW	
44634.3.1	---	CONST.	



CONCRETE RETAINING WALL
-L- STA. 11+25.00 TO 13+30.00

BEGIN TIP PROJECT U-5887
-L- STA. 10+00.00

28'x6' PRECAST
3-SIDED ARCH CULVERT
-L- STA 22+44.41

END TIP PROJECT U-5887
-L- STA. 66+16.58

CULVERT & RETAINING WALL



3/18/2021

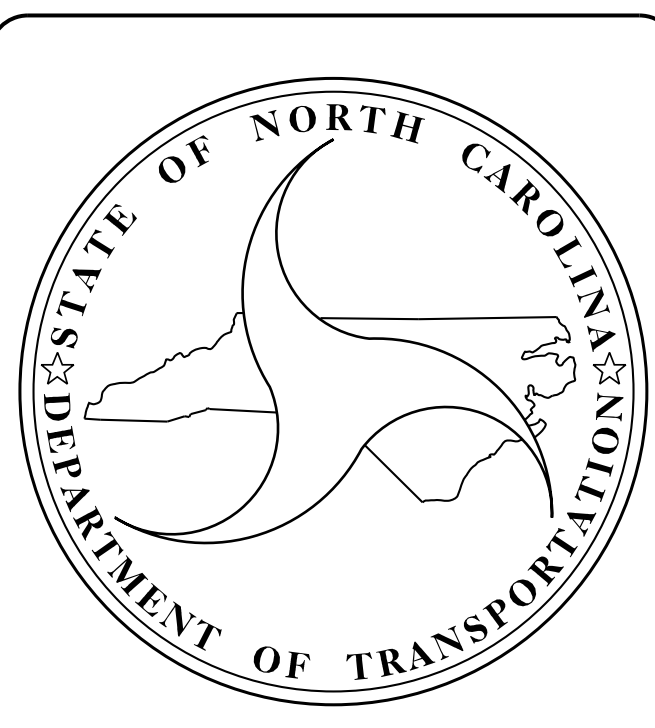
DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED

V&M
Vaughn & Melton
Consulting Engineers

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Middlesboro, Kentucky 606-248-6600
Spartanburg, South Carolina 864-574-4775

Asheville, North Carolina 828-253-2796

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DESIGN DATA

ADT 2010 = 6700
ADT 2040 = 7200

T = 5 %
V = 35 MPH

FUNC CLASS = MAJOR
COLLECTOR

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT U-5887 = 1.058 MI
LENGTH STRUCTURE TIP PROJECT U-5887 = 0.006 MI
TOTAL LENGTH OF TIP PROJECT U-5887 = 1.064 MI

Prepared in the Office of:
VAUGHN & MELTON
1318-F PATTON AVE.
ASHEVILLE, NC, 28806

FOR THE NORTH CAROLINA DIVISION OF HIGHWAYS

2018 STANDARD SPECIFICATIONS

LETTING DATE :

MAY 18, 2021

HARDY WILLIS, PE
PROJECT ENGINEER

CHRIS CORDELL, PE
PROJECT DESIGN ENGINEER

STRUCTURES MANAGEMENT UNIT
1000 BIRCH RIDGE DR.
RALEIGH, N.C. 27610

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

STATE DESIGN ENGINEER

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED
DIVISION ADMINISTRATOR

DATE