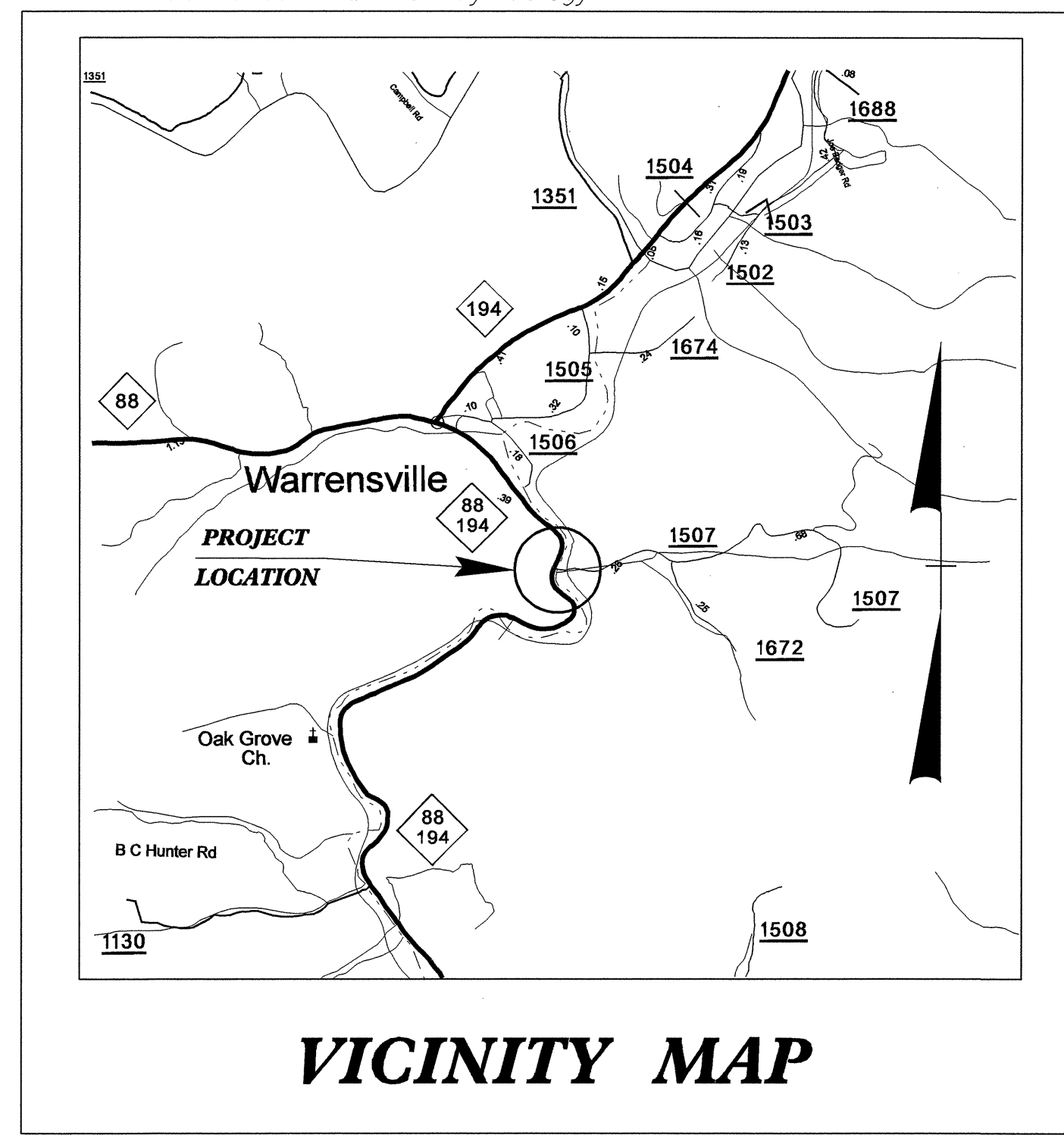


| | | | |
|-----------------|---------------------------|-------------|--------------|
| STATE | TIP PROJECT REFERENCE NO. | SHEET NO. | TOTAL SHEETS |
| N.C. | B-3805 | 1 | |
| STATE PROJ. NO. | F.A. PROJ. NO. | DESCRIPTION | |
| 33261.1.1 | BRZ-1507(2) | PE | |
| 33261.2.2 | BRZ-1507(2) | RW & UTIL | |
| 33261.3.1 | BRZ-1507(2) | CONST | |

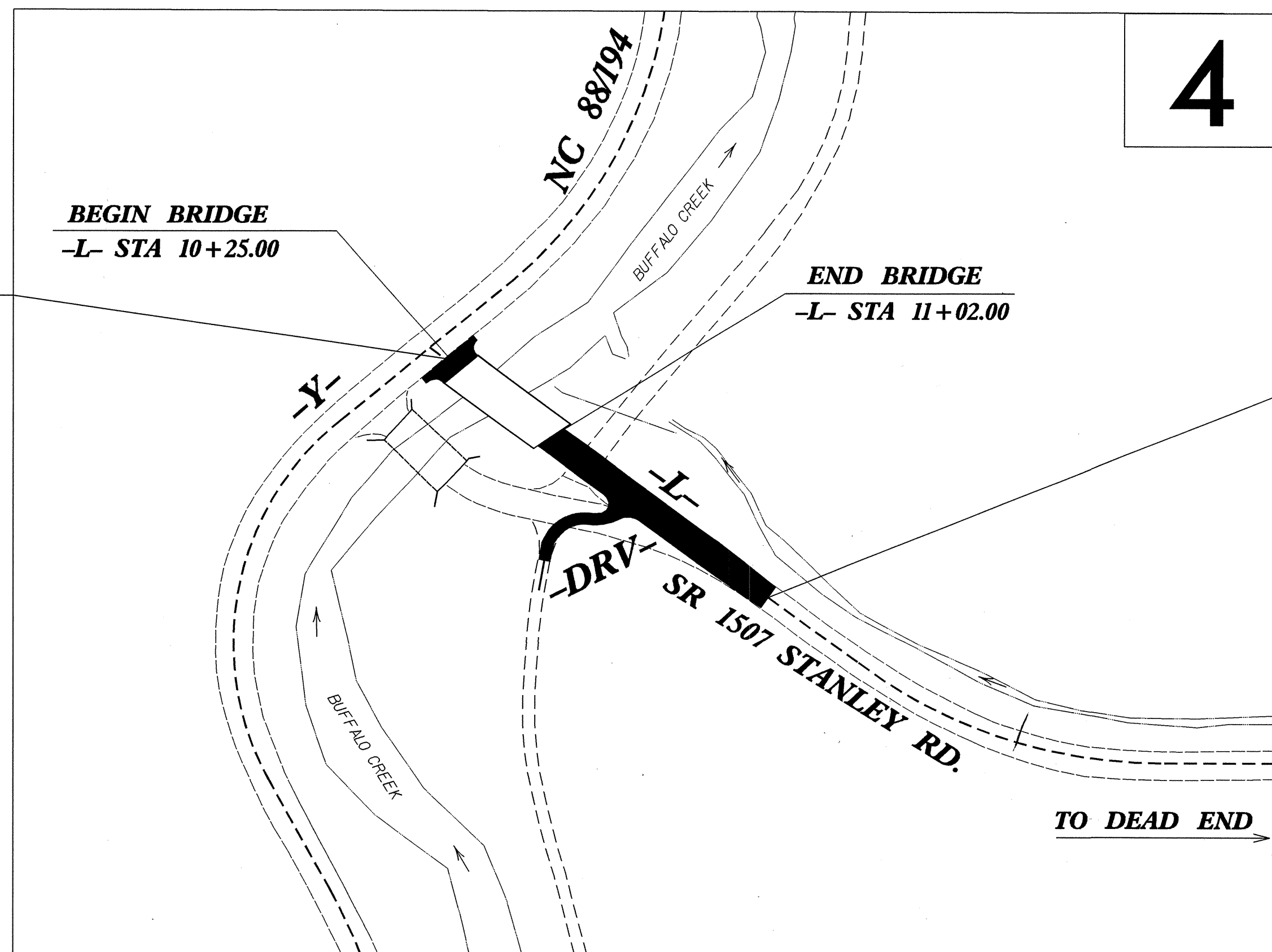
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

ASHE COUNTY

LOCATION: BRIDGE NO. 310 OVER BUFFALO CREEK ON SR 1507
TYPE OF WORK: GRADING, DRAINAGE, PAVING AND STRUCTURE



VICINITY MAP



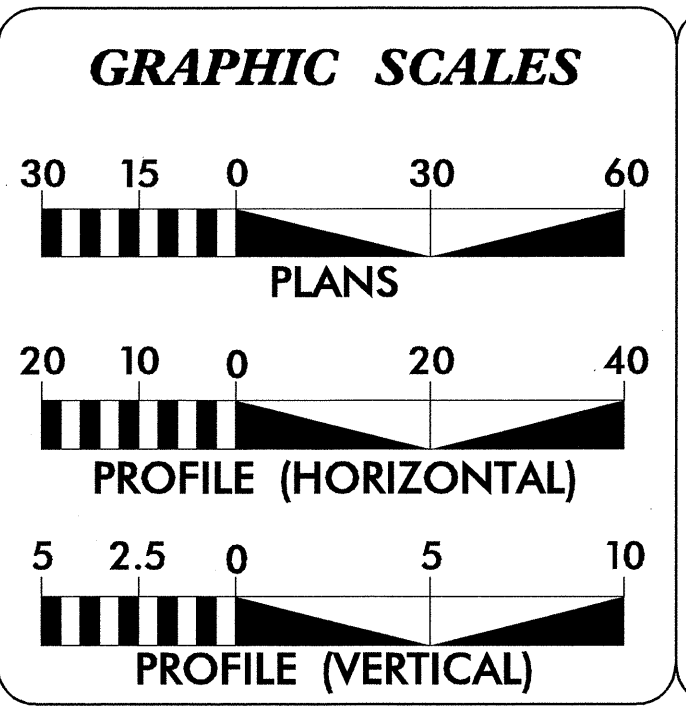
STA 10+12.11 -L- BEGIN TIP PROJECT B-3805

STA 13+50.00 -L- END TIP PROJECT B-3805

**** A DESIGN EXCEPTION WILL BE REQUIRED FOR CREST VERTICAL CURVE K (21), SAG VERTICAL CURVE K (16) AND VERTICAL STOPPING SIGHT DISTANCE (110').**

TIP PROJECT: B-3805

CONTRACT: C201255



DESIGN DATA

| | |
|---------------|-------------|
| ADT 2005 = | 230 |
| ADT 2025 = | 300 |
| DHV = | 15 % |
| D = | 60% |
| T = | 6 % * |
| ** V = | 60 MPH |
| FUNC. CLASS = | RURAL LOCAL |
| * TTST 1% + | DUAL 5% |

PROJECT LENGTH

| | |
|---------------------------------------|----------|
| LENGTH ROADWAY TIP PROJECT B-3805 = | 0.049 MI |
| LENGTH STRUCTURE TIP PROJECT B-3805 = | 0.015 MI |
| TOTAL LENGTH TIP PROJECT B-3805 = | 0.064 MI |

Prepared in the Office of:

DIVISION OF HIGHWAYS
1000 Birch Ridge Dr., Raleigh NC, 27610

2002 STANDARD SPECIFICATIONS

| | |
|--|---|
| RIGHT OF WAY DATE: JULY 16, 2004 | GARY LOVERING, PE PROJECT ENGINEER |
| LETTING DATE: DECEMBER 20, 2005 | ANTHONY C. WEST PROJECT DESIGN ENGINEER |

HYDRAULIC ENGINEER

SIGNATURE: *Gary Fisher*

ROADWAY DESIGN ENGINEER

SIGNATURE: *Anthony C. West*

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

SIGNATURE: *Ant McMillan* P.E.

STATE DESIGN ENGINEER

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED
DIVISION ADMINISTRATOR

DATE

28-SEP-2005 07:53 33805_rdy_tsh.dgn