

CONTRACT: C201210 TIP PROJECT: I-4025A

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

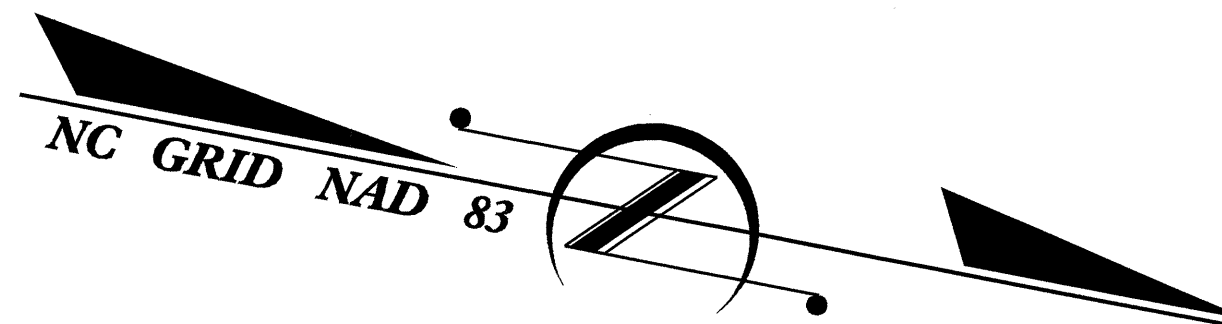
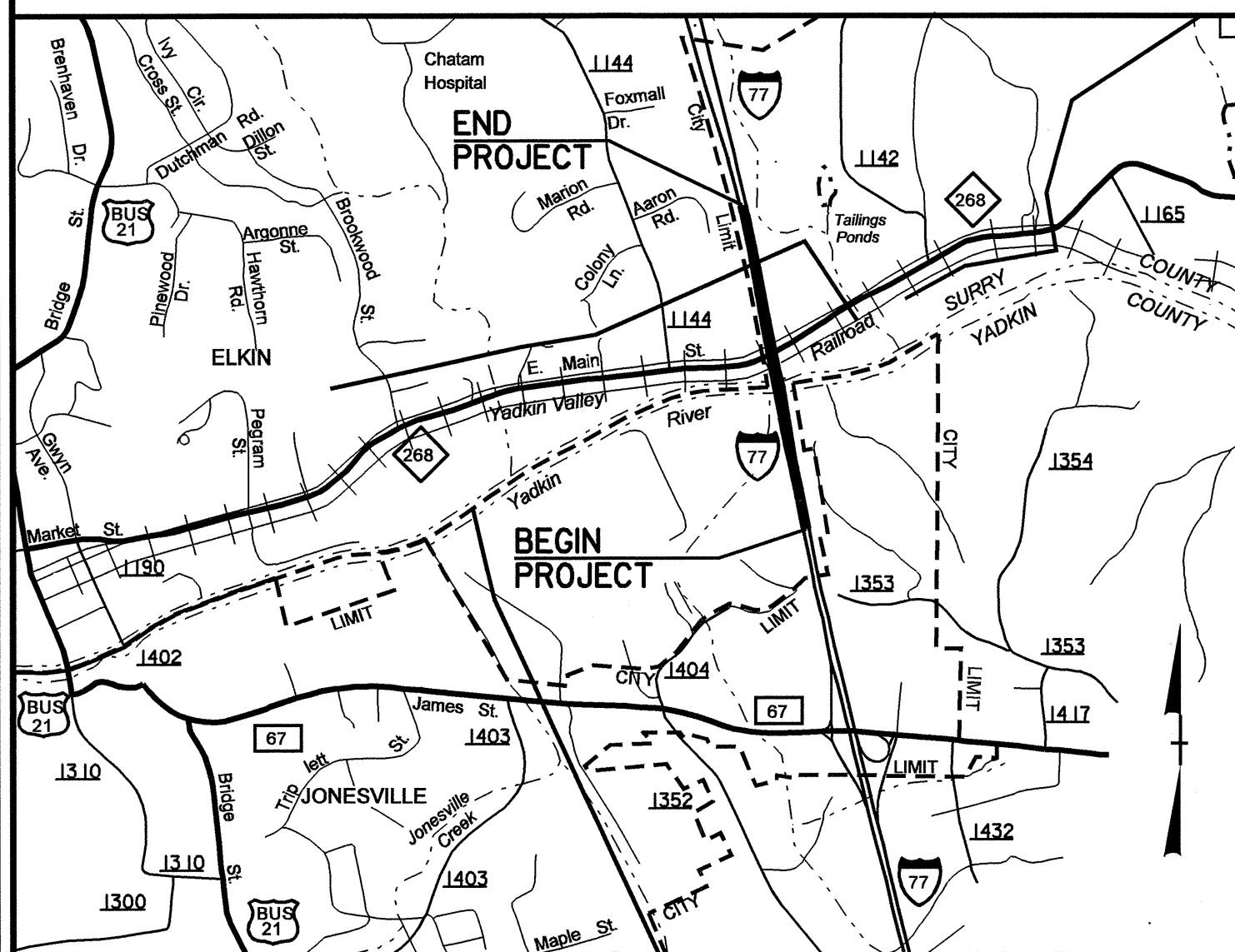
YADKIN-SURRY COUNTIES

| STATE | STATE PROJECT REFERENCE NO. | SHEET NO. | TOTAL SHEETS |
|---------------|-----------------------------|-------------|--------------|
| N.C. | I-4025A | | |
| WBS PROJ. NO. | F. A. PROJ. NO. | DESCRIPTION | |
| 34209.1.1 | IMS-77-1 (141) 83 | P.E. | |
| 34209.3.1 | IMS-77-1 (162) 83 | R /W, UTIL | |
| 34209.2.3 | IMS-77-1 (162) 83 | CONST. | |
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| | | | |
| | | | |

**LOCATION: BRIDGE #13 ON I-77 SBL OVER YADKIN RIVER,
YADKIN VALLEY RAILROAD AND NC 268**

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

VICINITY MAP



BEGIN BRIDGE
-SBL- POT 25+15.00

END BRIDGE
-SBL- POT 32+75.00

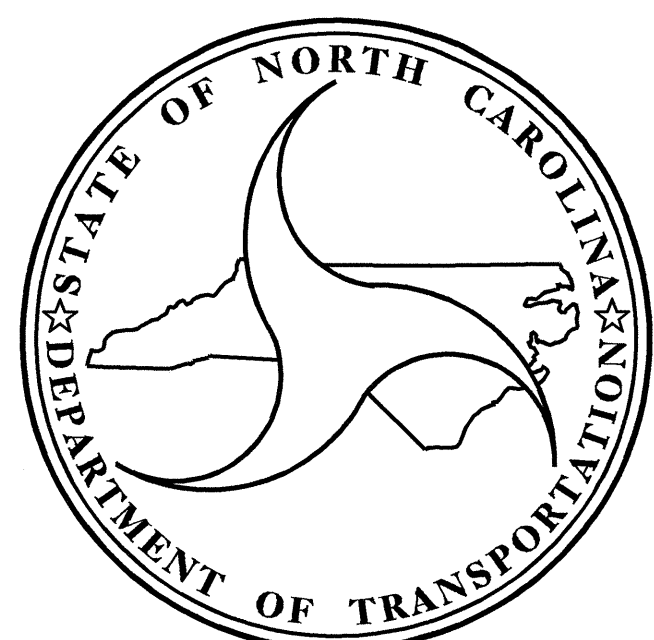
END TIP PROJECT I-4025A
-SBL- STA. 48+15.00

TO STATESVILLE SBL I-77

NBL I-77 TO VIRGINIA

BEGIN TIP PROJECT I-4025A
-SBL- STA. 8+90.00

STRUCTURES



DESIGN DATA

| | |
|-------------------------|------------|
| ADT (2005) = | 43100 |
| ADT (2025) = | 59400 |
| DHV = | 10 |
| D = | 60 % |
| T = | 23 % * |
| V = | 70 MPH |
| * (TTST 18% + DUALS 5%) | |
| FUNC CLASS = | INTERSTATE |

PROJECT LENGTH

| | |
|--|-----------|
| LENGTH ROADWAY TIP PROJECT I-4025A = | 0.599 MI. |
| LENGTH STRUCTURE TIP PROJECT I-4025A = | 0.144 MI. |
| TOTAL LENGTH OF TIP PROJECT I-4025A = | 0.743 MI. |

Prepared In the Office of:

DIVISION OF HIGHWAYS

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| <p style="text-align: center;">2002 STANDARD SPECIFICATIONS</p> <p style="text-align: center;">LETTING DATE :</p> <p style="text-align: center;">NOVEMBER 16, 2004</p> | <p style="text-align: center;">R. M. GIROLAMI, P.E. PROJECT ENGINEER</p> <hr/> <p style="text-align: center;">L. E. SUTTON, P.E. PROJECT DESIGN ENGINEER</p> |
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STRUCTURE DESIGN UNIT
1000 BIRCH RIDGE DR.
RALEIGH, N.C. 27610

9/30/04

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

P.E.
STATE DESIGN ENGINEER

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED _____ DATE _____
DIVISION ADMINISTRATOR