1007704

# NORTH CAROLINA STATE HIGHWAY CONSTRUCTION AND INVENTORY DIAGRAM

COUNTY IREDELL ROUTE I-77 SHEET 4 OF 7

F.A. SYSTEM: F A I 77

**RECORD**

1959 P. 8.16405 Grade for 24' Lane

1973 P. 8.1642104 Grade 2-24'

1972 P. 1642105 Grade 2-24'

1965 P. 8.16406 I-77-1(1)32 Grd.-Pave-Fence & Signs Grd. additional Lane & Pave (2@24') with 9" Conc. on 4" CABC

1974 P. 8.1642106 Pav't. 2-24' 8" Reinforced Conc. on Compacted ABC

1974 P. 8.1790804 PS 8" Reinforced Conc. on 4" ABC on 2-4" Top Soil

1980 - P. 8.1640304 Fencing

1978 P. 8.1642107 Rest Area

1993 8.1822101 (Cont. from sheet 3 of 6)

1977 P. 8.1640301 Sign. & Guardrail

1995 8.182202 I-2806A 2.5" BCSC, ON 4" BC BASE, ON EXISTING PAVEMENT, PAVEMENT REHABILITION, GUARDRAIL RETROFIT, LONG LIFE PAVEMENT MARKINGS, AND SIGNING

1985 8.1670201 Resurf. (Recycl & Mill) Part 2 2" BCSC

1985 5.8273157 Grooving Exist. Conc.

1992 8.1821701 I-2505 SBL 2.5" BCS, ON 3.5" BC BINDER, ON 11.5" BC BASE GRD, DRN, PAV, STR, WIDEN, REHAB, LONG LIFE PVT MARKINGS & PVT MARKERS, LIGHTING, & SIGNING

**CONSTRUCTION**

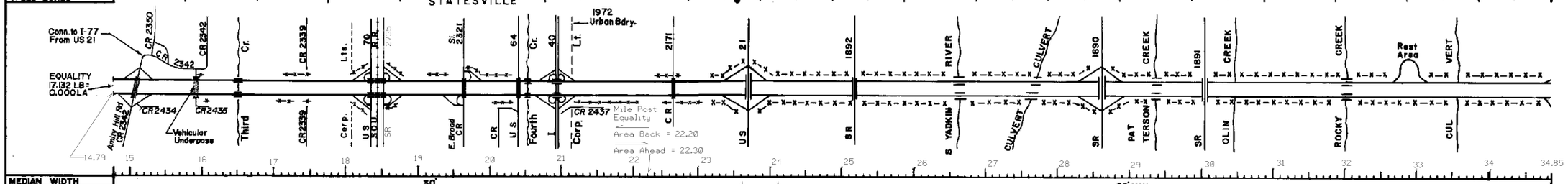
1995 8.1821901 I-2715 SAFETY IMPROVEMENTS, GUARDRAIL REPLACEMENT, & GUARDRAIL RETROFIT ON STR.

R/W: 250' 227' 260' 200' 200' 240' 200' 240' 260' 230' 200' 260' 200' 150' 330'

COINCIDING ROUTES: 260' 280' 200' 280'-360' 240' 220'

SPEED ZONES

STATESVILLE




MEDIAN WIDTH: 30' 68' MIN.

SURFACE TYPE

SURFACE WIDTH: 2 @ 24' NBL 24' SBL 36' 24' 2/24' 2 @ 24'

SHOULDER WIDTH

LT.: NB & SB 10' IN. 14' OUT — OUTSIDE 12' (10' S.A.) INSIDE 4' S.A. — C&G — OUTSIDE (10' S.A.) IN 4' S.A. — 0'-8' Paved + C&G — OUTSIDE 12' (10' S.A.) INSIDE 4' S.A. — 12' — OUTSIDE 14' (10' Paved) INSIDE 4' Paved — INSIDE 10' SHLD 4' PVD OUTSIDE 10' SHLD 10' PVD

RT.: OUTSIDE 12' (10' S.A.) INSIDE 4' S.A. — C&G — OUTSIDE (10' S.A.) IN 4' S.A. — 0'-8' Paved + C&G — OUTSIDE 12' (10' S.A.) INSIDE 4' S.A. — 12' — OUTSIDE 14' (10' Paved) INSIDE 4' Paved — INSIDE 10' SHLD 4' PVD OUTSIDE 10' SHLD 10' PVD

BRIDGES OR OVERPASSES

LENGTH: R.C. Box 2@200' 2@179' 143' NB 2@150' 144' SB 2@162' 2@248' 240'

H.CL.: 2@28' 2@40' 2@40' 2@40' 2@40' 2@28' 2@40' 36.7'

V.CL.:

UNDERPASSES

LENGTH: 266'

H.CL.: 28' 2@57'6" 2@47'6" NB 49'9" SB 50'7"

V.CL.: 16.4' 16'-3" NBL 16'-5" SBL 16'-4" NBL 16'-11" SBL 16'-6" SB 16'-5" NB

RAILROAD GRADE CROSSING

TERRAIN: R O L L I N G

CURVES

LT.:

RT.: 3°

GRADES %: -4 +4 +4.9 -4 -3 -4 +5.5 +3.6 -3.5 +3 -3.2 -3

CONTROLLED ACCESS: F U L L C O N T R O L O F A C C E S S

SIGHT DISTANCE IN DIRECTION OF TRAVEL: 1500 1000 400 0

DATE:

TOTAL TRAFFIC ANNUAL AVERAGE 24 HR. VOLUME

1967: 2700 3900 4800 3000 3000 3800

(1992) 16300

DATE DRAWN APRIL 1966

DATE REVISED 3/1974 f

PAVEMENT TYPE: UNIMPROVED; GRADED & DRAINED; SOIL SURFACED; GRAVEL; B.S.T.; HIGH TYPE

C.R. COUNTY ROAD
S.R. SERVICE ROAD
N.P. NOT PAVED
P. PAVED ROAD
X-X FENCE
R.A. REST AREA

| LENGTH | | |
|---|---|---|
| RURAL | MUNIC. | TOTAL |
| 17.354 | 2.646 | 20.000 |

| TERRAIN | | | |
|---|---|---|---|
| FLAT OR ROLLING | | MOUNTAINOUS | |
| CURVES | OVER 3° | CURVES | OVER 6° |
| GRADES | OVER 3% & 500' OR MORE | GRADES | OVER 5% & 500' OR MORE |

DESCRIPTION: I 77 FROM South Carolina State Line To Virginia State Line

NORTH CAROLINA STATE HIGHWAY COMMISSION

PLANNING DEPARTMENT