1007703

NORTH CAROLINA STATE HIGHWAY CONSTRUCTION AND INVENTORY DIAGRAM

COUNTY MECKLENBURG-IREDELL | ROUTE I-77 | SHEET 3 OF 7

F.A. SYSTEM: I-77

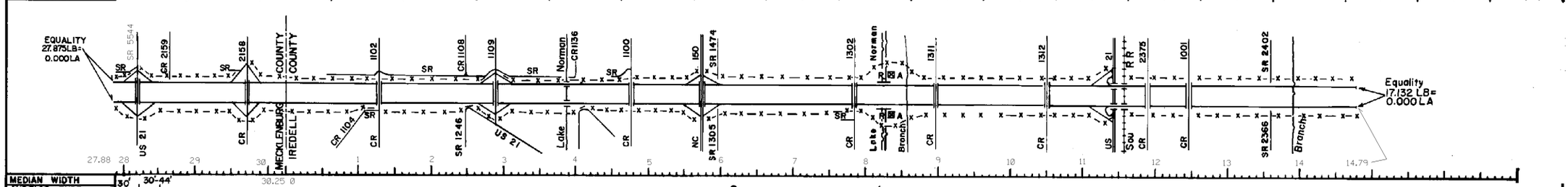
CONSTRUCTION RECORD

- 1975 P.8.1654305 GP Pavt. 2/24 1" BC Surf. on 2" BC Binder on 4" BC Base on 12" CABC
- 1962 P.8.16399 G&P NBL 2-24' BST on 12' CABC
- 1967 P.8.1640702 Grade and Fence
- 1968 P.8.1640902 GPSF 10" BC on 6" CABC
- 1967 P.8.1640802 GPSF (2-24') 8" BC on 9" CABC - Part 1 new lane Part 2 new lanes. Grade & Fence only
- 1970 P.8.1640703 P&S 9" BC on 8" CABC (2-24')
- 1993 8.1822101 Lanes: Mill 2"-3" 2-24'; Res. 2.5" BCSC-HDS on 3.5" BCBin-HDB 2-38' on 2"-3" BCBin-HDB 2-24'; Shldrs.: 1.25" BCSC-HDS 2-4' out.; Pav. mark. → (Cont. on sht. 4 of 6)
- 1977 - P.8.1640301 Signing & Guardrail
- 1980 P.8.1640303 5/8" DGAF 2" BC Resurf.
- 1985 8.1670202 Resurf. (Recycling & Milling) 1½" BCSC
- 1985 8.1670201 Resurf. (Recycl & Mill) Part 2 2" BCSC
- 1985 8.1670201 Resurf. (Recycl & Mill) Part 1 2" BCSC
- 1991 8.1672301 (Cont. from prev. sheet)
- 1991 8.1821601 GRDRL., SIGN, PAV. MARK., MILL. 1.5"-3", PAV. 1.5"-3" BCSC
- 1999 8.1674201-3007 OUTSIDE LANE 25mm ACSC ON 50mm AC BINDER ON 75mm AC BASE ON MILLED ASPHALT, INSIDE 25mm AC SC ON 50 mm AC BINDER ON 75mm AC BASE, PVT. REHAB, GUARDRAIL, PVT MARKERS, AND MASKRINGS
- 1994 6.821009 Mill 2"; Res. 1.5" BCSC-HDS on 2" BCBinC-HDB
- NC 73 route change to SR 5544 by 1996 Ordance

R/W: 260' | 330' Min. | 320' Min.

COINCIDING ROUTES: US 21

SPEED ZONES:



MEDIAN WIDTH: 30' | 30'-44' | 30.25 0

SURFACE TYPE:

SURFACE WIDTH: 44' | 2@24' | 44'-76' | 44'-250'

SHOULDER WIDTH

- LT.: 12' (10' BST) Outside, 4' BST Inside | 14' (10' BST) Outside, 4' BST Inside | NB & SBL 10' IN. 14' OUT.
- RT.: 12' (10' BST) Outside, 4' BST Inside | 14' (10' BST) Outside, 4' BST Inside

BRIDGES OR OVERPASSES

- LENGTH: 2@120' | 225' 159' 226' 159'
- H.CL.: 2@40' | 48' 40' 48' 40'
- V.CL.: 15.3' 15.6'

UNDERPASSES

- LENGTH: 219' 262'
- H.CL.: 2@48' 2@60' 2@60' 2@60' 2@60' 2@60' 2@60' 2@60' 2@60' 30' 34'
- V.CL.: 2@15'3" 16'3" 16'3" 16'9" 16'3" 16'3" 16'3" 17'0" 16'6" 16.8' 16.3'

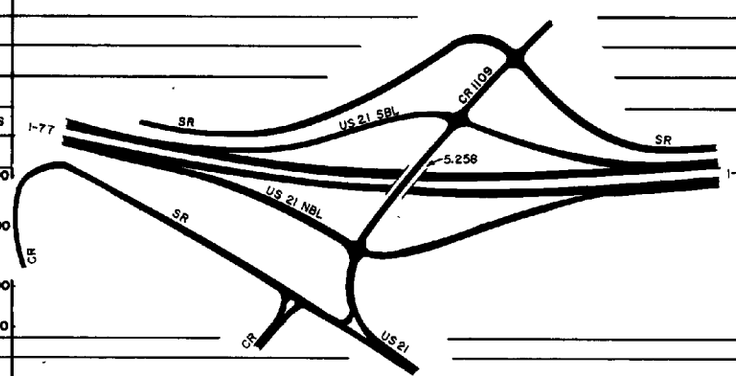
RAILROAD GRADE CROSSING:

TERRAIN:

CURVES: LT. / RT.

GRADES: -0.5% -2.3%

CONTROLLED ACCESS: FULL



SIGHT DISTANCE IN DIRECTION OF TRAVEL: 1500 | 1000 | 400 | 0

DATE:

TOTAL TRAFFIC ANNUAL AVERAGE 24 HR. VOLUME: (1992) 18300

DATE DRAWN		
DATE REVISED	I-1969	
5/75		
10-77 g		

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
17.132		17.132

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