1007701

NORTH CAROLINA STATE HIGHWAY CONSTRUCTION AND INVENTORY DIAGRAM

COUNTY MECKLENBURG ROUTE I-77 SHEET 1 OF 7

F.A. SYSTEM: FAP 77

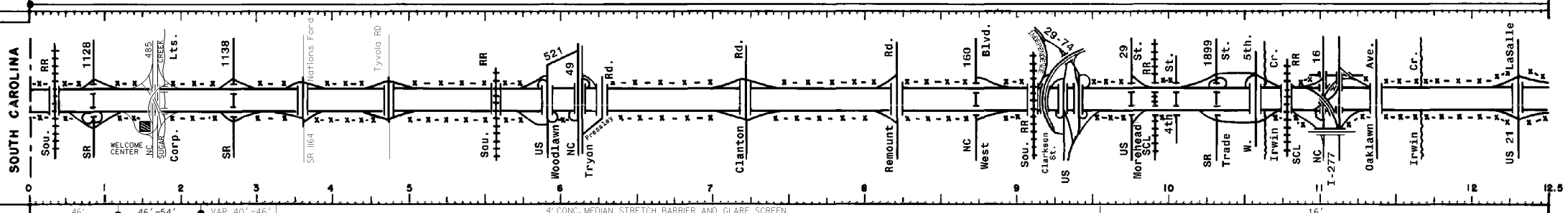
CONSTRUCTION RECORD

- 1966 P.8.16537 Grade
- 1968 P.8.1660801 P-S (2-24') 9" Conc. on 4" CABC
- 1969 P.8.1654707G-P (2-24') 9" Conc. on 4" CABC
- 1968 P.8.1660802 Signs (US 21)
- 1969 P.8.1654707 Grade (2-24')
- 1968 P.8.1660803 Drainage
- 1970 P.8.1654710 G F Str. (2-24')
- 1970 P.8.1657609 (2-24') Grd.
- 1972 P.8.1654711 PSL 8" Re.Conc. on 2.5" Sub. CABC on 4" CABC Collector-Distributor Lanes and Ramps
- 1972 P.8.1657610 GPSF (2-24') 10" Conc. on 4" CABC - Coll., Dist.L's, Ramps
- P.8.1657302 (2-36') 8" Port Cement - 4" CABC
- 1972 P.6.803569 Additional Signs
- 1973 P.8.1657606 Lighting
- 1985 8.1654715 Gr.,Dr.,Pav.,Sign & Lighting
- 1980 P.8.1654712 Landscape
- 1984 P.8.1670401 Signing
- 1993 8.1670105 GPS,Dr.,Str., 2"BCSC. 1.5-2.5"BCBin. 6"BCBC. ABC. BST
- 1991 8.1670801/I-1023B 2.5" BCSC. ON 2.5" BC BINDER,ON 6.5" BC BASE. GRAD. DRN. PAV. STR. THERMO & SNOWPLOWABLE. PVT MARKINGS & CULVERT EXTIONS
- 1996 6.679004T/I-2401B 2.5"BCSC. ON 3.5"BC BINDER. ON EXISTING PVT., GRAD. DRN. PAV. RESURF., WIDEN. STR., GUARDRAIL. SIGNING. LONG LIFE. & SNOWPLOWABLE RAISED REF. PVT. MARKERS & MARKINGS. LIGHTING. LANDSCAPING. & COUNDUIT ROUTING
- 2000 6.679008T\I-2401BB REPLACE EXISTING FENCE WITH BRICK WALL & DRAINAGE
- 1994 8.T673301\I-2401A 2.5"BC. ON 3.5" BC BINDER. ON EXISTING PAVEMENT. WINEN WITH 2.5 "BC. ON 3.5" BC BINDER. ON 4" BC BASE. GRAD. DRAIN. PAV. RESURF. WIDEN. STRS. SIGNING. THERMO AND SNOW PLOWABLE RAISED REF. PVT MARKERS AND MARKINGS. LIGHTING. LANDSCAPING. AND CONDUIT ROUTING
- 1996 8.I673802\I290IA BARRIER. VAR MESSAGE SIGN STR AND SERVICE CONTROL SYSTEM. CONC. PEDESTAL AND TRANSITION. PROPSED GUARDRAIL
- 1994 .678006T\R-2III 2.5"BCSC. ON 1.5" BCSC. ON .625"S.T. MAP. ON EXISTING PVT OUTSIDE LANES 2.5"BCSC. ON 2.125" BC BINDER. ON 6" BC BASE. GRD. DRN. PAV. SIGNING. SRT. CULVERT EXTENSION LIGHTING. PVT. MARKINGS AND RAILROAD
- 2001 8.I673301\I-4028 SAFETY IMPROVEMENTS GUARDRAIL. CABLE GUIDERAIL. AND SODDING

R/W: 240' | 200' | 220' | 250' | 310'

COINCIDING ROUTES: US 21

SPEED ZONES



MEDIAN WIDTH		46' | 46'-54' | VAR 40'-46' | 4' CONC. MEDIAN STRETCH BARRIER AND GLARE SCREEN | 16'
SURFACE TYPE		
SURFACE WIDTH		2 @48' | NBL 2-36'-48' SBL 2-36'-48' | VAR. 2 @ 24'-60' | 88' | VAR 72' - 96'
SHOULDER WIDTH	LT.	INSIDE 12' SHLD 10' PVD OUTSIDE 12' SHLD 10' PVD | 12' | INSIDE SHLD 12' VAR 10'-4' PVD OUTSIDE 12' PVD SHLD | INSIDE 9' PVD SHLD OUTSIDE10' PVD SHLD | INSIDE 12' PVD SHLD OUTSIDE 10' PVD SHLD
	RT.	INSIDE 12' SHLD 10' PVD OUTSIDE 14' SHLD 10' PVD | 14' | 12' | INSIDE 4' PVD SHLD OUTSIDE 10' PVD SHLD | INSIDE 12' PVD SHLD OUTSIDE 10' PVD SHLD
BRIDGES OR OVERPASSES	LENGTH	180' | North & South 159' | 179' 204'
	H.CL.	73.1' NBL 70.0 SBL | N 64.5' S 52.9' | 64.9'S 65.5' N | 158'
	V.CL.	(#70 NBL) (#75 SBL) | N 17'01" S 15'10" | 15'10"S 16'03"N | 22'06"
UNDERPASSES	LENGTH	242' NBL 242' SBL | 227' | 126' | 267' | 293' | 267' | 401' | 377' | 449' | 189' | 379'S 215'N | 298'
	H.CL.	72.7' NBL 72.6' SBL | 52.8' NBL 74.8' SBL | 53.3' | 73.5' | 86' | 85.5' | 34' | 45.5' | 45.5' | 73.5' | 46' | 33.4'S 65.3'N | 102'
	V.CL.	17'5" NBL 17'2" SBL | 15'04" NBL 15'06" SBL | 16'04" | 22'02" | 16'00" | 15'11" | 15'09" | 16'00" | 16'08" | 21'04" | 20'06" | 16' 04" | 16'02"
TERRAIN		(#643 NBL) (#661 SBL) | R O L L I N G
CURVES	LT.	
	RT.	3° | 3° | 3°
GRADES		
CONTROLLED ACCESS		F U L L
SIGHT DISTANCE IN DIRECTION OF TRAVEL	1500 / 1000 / 400 / 0	
DATE		

DATE DRAWN 7-72 f					
DATE REVISED 11-7-80Wh					
5-75	6-98 TS				
11-80g					

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 DEPARTMENT of TRANSPORTATION — DIVISION of HIGHWAYS — PLANNING and RESEARCH BRANCH