NORTH CAROLINA STATE HIGHWAY CONSTRUCTION AND INVENTORY DIAGRAM

COUNTY HAYWOOD – BUNCOMBE ROUTE I-40 SHEET 3 OF 30

F. A. SYSTEM: F A I 40

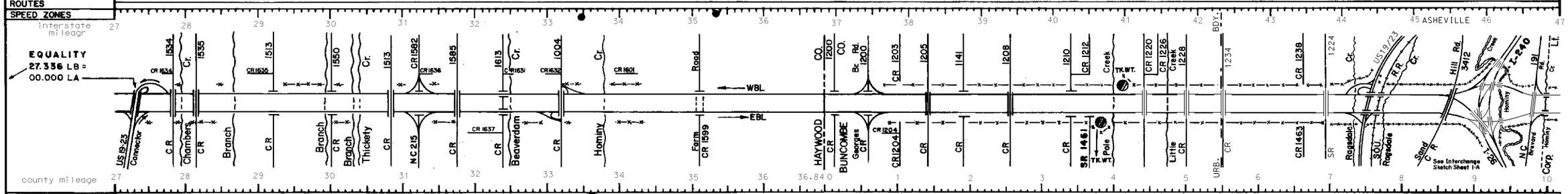
RECORD / CONSTRUCTION

- 1963 P. 8.19430-I-40-1(7)29 Grade, Surf, Strs. 2@24'-5" B.C.B.&S. on 15" C.A.B.C.
- 1963 P. 8.19431 I-40-1(8)34 Grade, Surf, Strs. 2@24'-5" B.C.B.&S. on 15" C.A.B.C.
- 1963 P. 8.19432 I-40-1 (15) 29 Fencing
- 1964 P. 8.19432 I-40-1(16) 29 Signs
- 1966 P. 8.19095 I-40-1(17)47 Grade
- 1967 P. 8.19092 I-40-1(22)49 Grd-Surf-Str-Fen-Sign
- Pav't. 2@24' 9" Concrete on 4" C.A.B.C.
- 1974 P. 8.1946903 Pav. 2" BC Surf. on 4" BC Base on 14' CABC
- 1968 P. 8.1909103 I-40-1(25)40 Grade & Strs. & Fence
- 1968 P. 8.1900504 I-40-1(32)47
- PAV.-FENCE-SIGNS 2@24' 9" Conc. on 4" CABC — SIGNS
- 1972 WO 6.803340 Res. 2-24 Pav't 1" Bit Seal Coat on 1" BC Surface also some Blt. surf. treatment
- 1970 P. 8.1909104 Pave & Sign I-40-1(42)38 Pav't. 2@24' 8.5" BC Surf. Binder & Base on 10" CABC
- 1971 P. 8.1908302 Landscape
- 1993 8.1842202 Struct. improve.; Remove & replace w/ 8" BCBC-HB on 8" ABC 2@12' out.; Mill 3" & res. 3" BCBin-HDB 2@12' out.; Res. 1.25"-2.5" BCSC-HDS on 1.75"-3.5" BCBin-HDB 2@38'-42'; Pav. mark.
- 1974 P 8.1808301 LIGHTING — see NC 191 Sheet 2 of 2
- 1977 P 8.1943501 Signing & Safety Improvements (Lighting and Guardrails) — see US 19 Sheet 7 of 9
- 1980 P.8.1945302 Reflective Raised Pavement Markers
- 1983 5.8470258 Res. Paved Shoulders cont.
- 1994 8.T941803 Add ramps
- 1995 6.941014 Mill 2.5" outside lanes (12') Res. 2.5" BCBin, 1.25" BCSC
- 1996 i2801/8.1843401 Res. 2.5" BCSC-HDS on exist. pavm't; shldr. reconstr.
- 1994 8.1942001 Res. shoulders
- 1988 P8.1940205 (see prev. pg.)

R/W: 295'-660'; 120'-200' RT. / 120'-205' LT.; 240'; 120'-380' LT. / 120'-300' RT.; 240' / 330'; 120'-400' RT. / 100'-425' LT.; 250'-400'; 240' Min.

COINCIDING ROUTES

SPEED ZONES



MEDIAN WIDTH: 16' Raised; 16' Med.; 30'-66'; 16'-30'; 16'; 16'-44'; 44'; 44'-900'-44'

SURFACE TYPE

SURFACE WIDTH: 2@24'

SHOULDER WIDTH

- LT.: 12' (10' B.S.T.); EB & WBL 10' OUT. 4'-8' IN.; 12' (10' B.C.) Outside (4' B.C.) Inside
- RT.: 12' (10' B.S.T.); 12' (10' B.C.) Outside (4' B.C.) Inside

BRIDGES OR OVERPASSES

- LENGTH: 258'; 144'; 141'; 145'; EB 173' (#249) WB 164' (#248); CULV. (VEH. UND' PASS) (#V259); 178'; 160'; 178' (#164) 177' (#156); 146' (#215) 133' (#210); WB(304)200' EB(301)189'; WB(319)213' EB(313)213'; WB(339)171' EB(334)182'; WB(347)345' EB(344)355'
- H.CL.: 48'; 68' (#236); 68' (#239); 68' (#243); 2-28'; 68' (#24); 68' (#71); 42' 42'; 42' 42'; WB40' EB28'; WB28' EB40'; 2@40'; 2@40'
- V.CL.: 17.6' 15.6'; 18.8' 15.3'; Tri Lvl WB(285) EB(254); WB(283)85' EB(273)64'

UNDERPASSES

- LENGTH: (#126); (#233)(#235); (#242); (#244); (#251); 206'; 276'; 259'; 287'; 254'; 294'; (326); (194)
- H.CL.: EB 47' WB 57'; EB 42' WB 54' 2-47; 2-50'; 2-53; 2-56'; 32'; 32'; 36'; 32'; 36'; 36'; WB85' EB64'; 2@66'11"
- V.CL.: EB 18'-4' WB 20'-0"; EB 16'-8" WB 16'-10"; EB 17'-6" WB 16'-4"; EB 17'-1" WB 18'-3"; 2-20'-9"; 2-17'-3"; 16.5' (#137); 25' (#201); 16.9' (#243); 16.5' (#266); 19.9' (#277); 16.4' (#295); WB17'3" EB16'11"; 2@24'4"

RAILROAD GRADE CROSSING

TERRAIN: ROLLING

CURVES

- LT.: 3° 3°; 4° 6° 6° 6°; 3° 1° 1°45'; 1° 2° 2°
- RT.: 4° 6°; 3° 1° 2°15'; 2° 3° 1°30'

GRADES: -3.6; +3; +3; +3.2 +3; -3.8; +3.4; -4.9; -4.4; -3

CONTROLLED ACCESS: FULL CONTROL

SIGHT DISTANCE IN DIRECTION OF TRAVEL (1500 / 1000 / 400 / 0)

DATE:

TOTAL TRAFFIC ANNUAL AVERAGE 24HR. VOLUME

- 1967: 5500 5600; 5600; (1991) 50,600
- 1965: 5000; 5500; 5500

DATE DRAWN	JULY 1967		
DATE REVISED	7/11/97TM		
3-73 f	3-98TS		
10-77g			

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
19.832	0.168	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-40 From Tennessee State Line to I-85 in Greensboro

NORTH CAROLINA STATE HIGHWAY COMMISSION — PLANNING DEPARTMENT