NORTH CAROLINA STATE HIGHWAY CONSTRUCTION AND INVENTORY DIAGRAM

COUNTY HAYWOOD\BUNCOMBE ROUTE I-40 SHEET 3a OF 30

F. A. SYSTEM

CONSTRUCTION RECORD

1996 8.1943401/I-3415 RESURFACING

1997 6.941017\SKETCH 1.25" ACSC, ON EXISTING PVT. WITH CENTER LANE PAVED WITH1.25" ACSC, ON VAR DEPTH MILLED ASPHALT, ON VAR DEPTH AC BINDER

2001 8.7394002/W-3607 CONDUIT & FIBER OPTIC COMMUNICATIONS CABLE FOR FOG DETECTION AND EARLY WARNING SYSTEM

2001 8.1944101/I-4015 MED., GUARDRAIL INSTALIATION, GRAD,& PAV

1998 8.1943602/I-3100A SAFETY IMPROVEMENTS CONC. BARRIER, AND PAVING

2000 4.5940129/M-338 LANDSLIDE REPAIR EBL BETWEEN EXITS 33 & 37, GRAD, PAV,RETAINING WALL & MEDIAN BARRIER

1996 8.1844001/I-3414 MILL, RESURF, THERMO PVT MARKING & MARKERS

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

interstate mileage: 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 BDY. 43 44 45 ASHEVILLE 46 47

EQUALITY 27.336 LB = 00.000 LA

US 19-23 Connector, C.R. 1534, C.R. 1535, Chambers Cr., C.R. 1513, Branch, C.R. 1550, Branch, C.R. 1513, Thickety Cr., C.R. 1582, NC 215, C.R. 1585, C.R. 1613, Beaverdam Cr., C.R. 1004, Hominy Cr., C.R. 1801, Farm Road, CR 1599, WBL, EBL, HAYWOOD CO., BUNCOMBE CO., C.R. 1200, Br. Rd. 1200, Georges Cr., C.R. 1204, C.R. 1203, C.R. 1205, C.R. 1141, C.R. 1208, C.R. 1210, C.R. 1212, Creek, SR 1461, Pole Cr., C.R. 1220, C.R. 1225, Little Cr., C.R. 1228, 1234, URB., C.R. 1238, C.R. 1453, SR 1234, Regaldie, US 19-23, S.R. 3001, Regaldie, R.R., Sand Cr., Hill Rd. 3412, See Interchange Sketch Sheet 1-A, I-240, 191, Cong. Hosp., Mt. Home, Cong. Cr.

county mileage: 27 28 29 30 31 32 33 34 35 36 36.84 0 1 2 3 4 5 6 7 8 9 10

MEDIAN WIDTH: VAR 6'-8' | 16'-30' | 16' | 16'-44' | 44' | 44'-900'-44' | 44'

SURFACE TYPE

SURFACE WIDTH: 3 @ 36' | 2 @ 24'

SHOULDER WIDTH LT.: 12' (10' B.S.T.) | 15' PVD SHLD | EB & WBL 10' OUT. 4'-8' IN. | 12' (10' B.C.) Outside (4' B.C.) Inside

SHOULDER WIDTH 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' WB 40' EB 28' WB 28' EB 40' 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 87' EB 42' WB 54' 2-47 2-50' 2-53 2-56' 32' 32' 36' 32' 36' 36' WB 85' EB 64' 2@66'11"
V.CL.	EB 18'-4" WB 24'-10" EB 16'-8" WB 16'-0" EB 17'-8" 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) WB 17'-3" EB 16'-11" 2@24'4"

RAILROAD GRADE CROSSING

TERRAIN: R O L L I N G

CURVES LT.: 3° 3° 4° 6° 6° 6° 3° 1° 1°45' 1° 2° 2°

CURVES 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: F U L L C O N T R O L

SIGHT DISTANCE IN DIRECTION OF TRAVEL: 1500 1000 400 0

DATE:

TOTAL TRAFFIC ANNUAL AVERAGE 24HR. VOLUME

1967	(1991) 50,600 5500 5600 5600
1965	5000 5500 5500

DATE DRAWN JULY 1967

DATE REVISED 7/11/97TM

3-73 f 3-98TS

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
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