

41

THIRD-ORDER LEVELING
NATIONAL GEODETIC VERTICAL DATUM OF 1929

34-078-11
ROSE HILL QUADRANGLE
NORTH CAROLINA
N3445-W7800/15
DIAGRAM NI 17-6
FLORENCE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

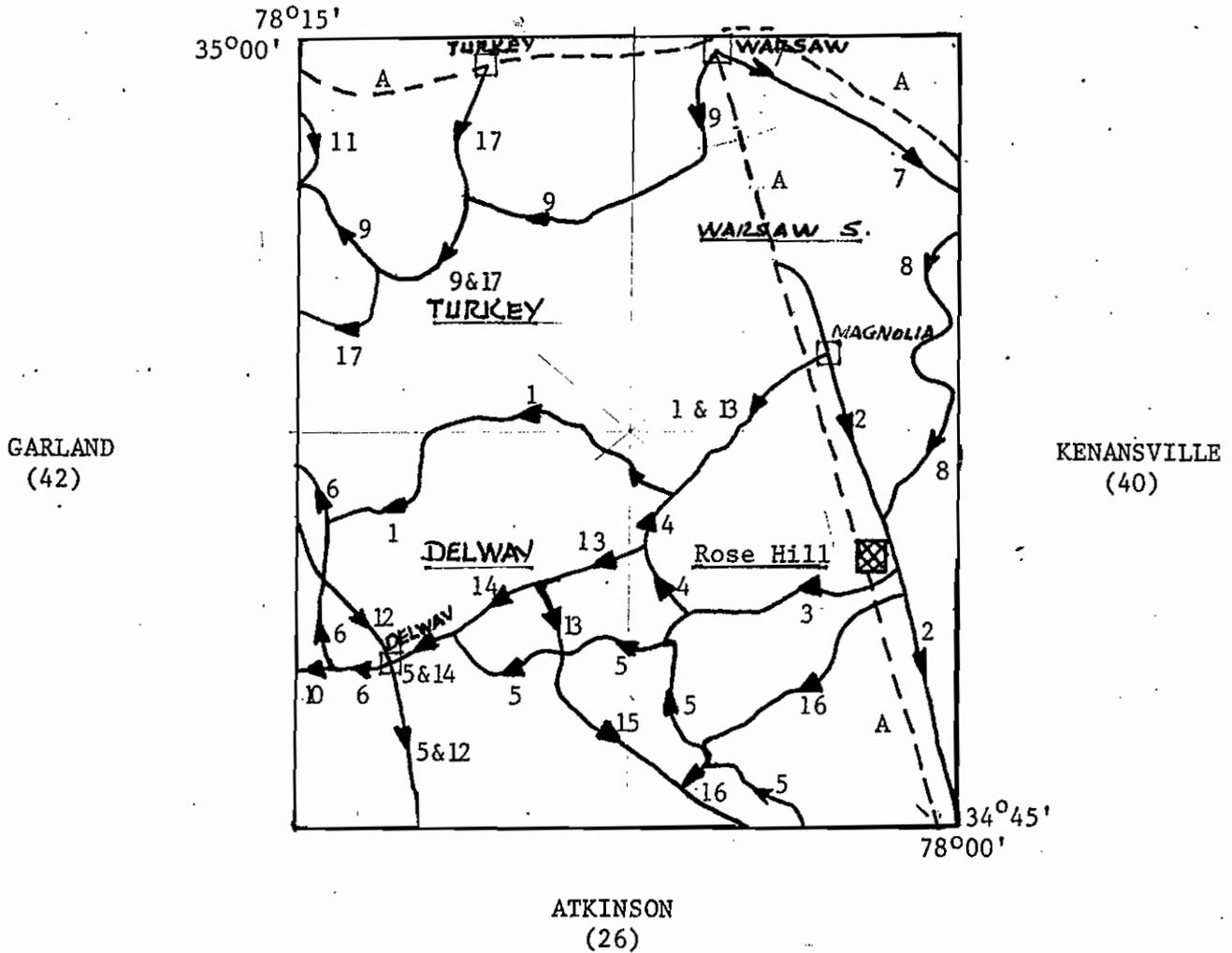
Duplin and Sampson Counties

Adjustments of 1952 & 1982

Edition of 2/6/82

PR: CRV/lae

MT. OLIVE
(69)



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 340781.

NGVD 29
Elevations

INDEX OF PERMANENT MARKS

<u>MARK (USGS)</u>	<u>PAGE NO.</u>	<u>MARK (USGS)</u>	<u>PAGE NO.</u>
/184 JJS 1951 77	5	47 MEA 1980	11
185 JJS 1951 85	5,12	48 MEA 1980	12
187 JJS 1951 RESET 1959	5,12	49 MEA 1980	12
188 JJS 1951 131	6	50 MEA 1980	13
189 JJS 1951 129	6,6	51 MEA 1980	13
190 JJS 1951 98	6	52 MEA 1980	13
242 JJS 1951 RESET 1959 143	8	53 MEA 1980	14
243 JJS 1951 RESET 1959 112	8	✓54 MEA 1980	14
244 JJS 1951 RESET 1959 129	8	✓55 MEA 1980	14
245 JJS 1951 RESET 1959 135	8,15	✓56 MEA 1980	13,14
246 JJS 1951 RESET 1959 119	8	✓57 MEA 1980	13
247 JJS 1951 RESET 1959 128	8	91 MEA 1980 122	12
252 JJS 1951 127	6,9	92 MEA 1980 128	12
253 JJS 1951 126	6		
254 JJS 1951 63	6	<u>USED</u>	
262 JJS 1951 139	3,3	30 NC 1CE #22/3 TT A 118/1943	3
263 JJS 1951 106	4	30 NC 1/CE #36/3 TT A 117/43	6
264 JJS 1951 94	4		
265 JJS 1951 76	4	<u>NGS</u>	
266 JJS 1951 64	4	A 32 1932	7
269 JJS 1951 88	4	B 32 1932	7,8
269A JJS 1951 133	3	MORE 1933	3
271 JJS 1951 131	3	WARSAW NO 3 1933	8
272 JJS 1951 119	3		
273 JJS 1951 153	6	<u>NCGS</u>	
273A JJS 89 RESET 1959	5,5	AMMONS 1973	9
274 JJS 1951 110	5	BENTON 1973	9
275 JJS 1951 99	4	DELWAY 1973	10,12
278 JJS 1951 146	7	KEN 1968	13
279 JJS 1951 136	7	LOW 1973	9
280 JJS 1951 123	7	MAGNOLIA 1968	10
282 JJS 1951 96	7	PEACOCK 1973	10
283 JJS 1951 77	7	PEAK 1973	9
284 JJS 1951 87	4,7	PIPE 1973	10
36 MEA 1980	14	ROSE HILL 1980	13
37 MEA 1980	15		
38 MEA 1980	15	<u>N.C. STATE HIGHWAY COMMISSION</u>	
39 MEA 1980	15	17 WC 9 1967	14
40 MEA 1980	15	34 WC 11	14
41 MEA 1980	10		
42 MEA 1980	11		
43 MEA 1980	11		
44 MEA 1980	12		
45 MEA 1980	11		
46 MEA 1980	11		

NGVD 29
ElevationsLINE 1.

By J. J. Spahr, 1951; Book AV 274

Magnolia; 50 ft SE. of, and 1.0 ft higher than intersection of main east-west street and U.S. Highway 117; 22 ft NW. of northwest corner of Magnolia Baptist Church; inside corner of sidewalks; in concrete post; standard tablet stamped "262 JJS 1951 139"
(Not found, 1980) ELEV 138.630 feet

Magnolia, 2.1 mi SW. of Magnolia Baptist Church, along Magnolia-Delway rd.; 200 ft NE. of small store; 29 ft E. of center of rd. directly across hwy. from drive on north side of house; in concrete post; standard tablet stamped "269A JJS 1951 133"
(Not found, 1980) 132.854 feet

Reference mark; 170 ft SW. of tablet; on south corner of concrete base of gasoline pump; chiseled square 131.63 feet

Magnolia, 4.2 mi SW. of, along macadam rd. and dirt rd. to dirt rd. southwest, at jct. with narrow sand rd. southwest; 18 ft S. of center of main rd.; 11 ft E. of sand rd. and in west point of jct.; in concrete post projecting 0.3 ft above surface; U.S.C.E. capped iron pipe stamped "30 NC 1 CE #22/3 TT A 118/1943"
121.820 feet

Magnolia, 7.2 mi W. of; 7.0 mi NE. of Taylors Bridge; 0.6 mi E. of Sampson-Duplin County line; 72 ft E. of jct. with Y-woods rd. northeast; 27 ft N. of, and 5 ft higher than center of main rd.; in concrete post; standard tablet stamped "271 JJS 1951 131"
130.661 feet

Reference mark; 40 ft W. of tablet; in south base of electric pole; spike
130.30 feet

Taylors Bridge, 4.4 mi NE. of; 2.0 mi W. of Sampson-Duplin County line; 73 ft NW. of intersection with northwest-southeast rd.; 29 ft N. of center of east-west rd.; in concrete post; standard tablet stamped "272 JJS 1951 119"
118.875 feet

Reference mark; 70 ft S. of tablet; on northwest corner of concrete walk in front of house; chiseled square 118.88 feet

Taylors Bridge, 2.4 mi E. of; 63 ft SW. of, and level with jct. with T-rd. north; 27 ft N. of center of east-west rd.; 13 ft W. of telephone pole; in concrete post; standard tablet stamped "273 JJS 1951 153" (Destroyed, 1961) 152.908 feet

Reference mark; 13 ft E. of tablet; in north base of an electric pole; spike
154.22 feet

LINE 2.

By J. J. Spahr, 1951; Book AV 274

Magnolia, 3.1 mi N. of; NGS triangulation station "MORE 1933" 147.145 feet

"262 JJS 1951 139" (Described in line 1) 138.630 feet

NGVD 29
Elevations

LINE 2 (Cont'd)

Reference mark; 43 ft ESE. of "262 JJS"; on east end of first step to church; chiseled square
ELEV 138.80 feet

Magnolia, 1.7 mi S. of Baptist Church, along U.S. Highway 117; 3.5 mi N. of Rose Hill; 50 ft SE. of, and level with T-jct. with private drive east to J.D. Brooks farmhouse; 13 ft S. of center of drive; 3 ft W. of corner fence post; in concrete post; standard tablet stamped "263 JJS 1951 106"
106.434 feet

Rose Hill; 30 ft NE. of, and 2 ft higher than intersection with east-west rd.; at school building; 7 ft S. of south edge of sidewalk, in concrete post; standard tablet stamped "264 JJS 1951 94" (Reported destroyed, 1978)
93.914 feet

Reference mark; on south end of first step to entrance to school; chiseled square
95.93 feet

Rose Hill, 3.2 mi S. of high school, along U.S. Highway 117; 1.9 mi N. of Teachey; 100 ft S. of, and 1.0 ft lower than jct. with Y-rd. southwest; 40 ft W. of center of hwy.; 3 ft S. of telephone pole; in concrete post; standard tablet stamped "265 JJS 1951 76" (Not found, 1978)
75.791 feet

Reference mark; 3 ft N. of tablet; in west base of telephone pole; spike
76.24 feet

Wallace, 1.3 mi N. of intersection of U.S. Highway 117 and State Highway 41; 1.4 mi S. of crossroad at Teachey; 130 ft S. of, and level with intersection with northwest-southeast rd.; 40 ft W. of center of hwy.; 15 ft NE. of telephone pole; in concrete post; standard tablet stamped "266 JJS 1951 64"
64.715 feet

Reference mark; 15 ft SW. of tablet; in west base of telephone pole; spike
65.14 feet

LINE 3.

By J. J. Spahr, 1951; Book AV 274

U.E., Rose Hill, in town of, on south end of first step to entrance of school; chiseled square (Described in line 2)
95.93 feet

Rose Hill, 1.8 mi W. of high school; 11.3 mi E. of Delway; 45 ft NE. of, and level with jct. of T-rd. north; 32 ft N. of center of east-west rd.; in concrete post; standard tablet stamped "269 JJS 1951 88"
88.044 feet

Reference mark; 10 ft N. of tablet; in southwest base of electric pole; spike
88.69 feet

Rose Hill, 4.1 mi W. of, along Rose Hill-Delway rd.; 2.0 mi S. of Concord; 100 ft S. of, and level with intersection with northwest-southeast rd.; 36 ft SE. of center of rd. outhwest; 2 ft W. of telephone pole; in concrete post; standard tablet stamped "275 JJS 1951 99" (Destroyed, 1962)
98.658 feet

LINE 3 (Cont'd)

Reference mark; 90 ft W. of tablet; on southeast concrete base to gasoline pump;
chiseled square ELEV 100.14 feet

Rose Hill, 6.4 mi W. of RR. crossing; 6.5 mi E. of hwy. intersection at Delway; 3.6 mi
S. of Concord; 250 ft S. of, and 9 ft higher than center of triangle formed by jct. with
Y-rd. northwest; 77 ft SE. of center of northeast-southwest rd.; in concrete post;
standard tablet stamped "273A JJS 89 RESET 1959" 88.883 feet

Reference mark; 130 ft N. of tablet; on northwest end of culvert; chiseled square
76.87 feet

LINE 4.

By J.J. Spahr, 1951; Book AV 274

Reference mark; for "275 JJS" (Described in line 3) 100.14 feet

Concord; 6.0 mi SW. of Magnolia; 6.0 mi WNW. of Rose Hill; 350 ft W. of Concord Baptist
Church; 110 ft SE. of, and 3 ft higher than Y-jct. with east-west rd.; 36 ft NE. of
center of rd. southeast; in concrete post; standard tablet stamped
"274 JJS 1951 110" 110.397 feet

Reference mark; 164 ft W. of tablet; in south base of electric pole; spike.
108.41 feet

LINE 5.

By J. J. Spahr, 1951; Book AV 274

Wallace, 6.7 mi WNW. of, along State Highway 41; 7.2 mi ENE. of Harrell's Store; 350 ft
S. of brick house; 60 ft S. of, and level with jct. with rd. north; 42 ft SW. of center
of hwy.; 5 ft NE. of pole No. 115; in concrete post; standard tablet stamped
"184 JJS 1951 77" 76.791 feet

Reference mark; 240 ft NW. of tablet; on southwest corner of concrete base to Gulf sign;
chiseled square 77.42 feet

Harrell's Store, 7.1 mi NE. of; 5.1 mi SSW. of Concord; 0.3 mi NW. of bridge over Rock
Fish Creek; 38 ft W. of, and level with intersection with northeast-southwest rd.; 27
ft NW. of center of northeast-southwest rd.; 27 ft SE. of 3-ft oak tree; in concrete
post; standard tablet stamped "185 JJS 1951 85" (Also in line 15)
84.240 feet

Reference mark; for "273 A JJS 1951" (Described in line 3) 76.87 feet

Delway, 4.5 mi E. of; 8.0 mi W. of Rose Hill; 4.3 mi SW. of Concord; 650 ft W. of, and
7 ft higher than center of north-south crossroad; 3 ft N. and 1.0 ft E. of southeast
corner of Mrs. David W. Williams residence; in concrete post; standard tablet stamped
"187 JJS 1951 RESET 1959" 119.500 feet

LINE 5 (Cont'd)

Delway, 2.6 mi E. of post office, 5.9 mi SW. of Concord, 100 ft E. of Sampson-Duplin County line, 42 ft E. of and 1.0 ft higher than jct. to private drive northeast; 27 ft N. of center of rd., 3 ft W. of fenceline, in concrete post; standard tablet stamped "188 JJS 1951 131" (Not found, 1980) ELEV 130.502 feet

Delway, in village of, 5.2 mi N. of Harrell's Store along U.S. Highway 421, 60 ft SE. of and 2 ft lower than intersection with east-west rd., 40 ft E. of center of U.S. Highway 421, 12 ft E. of telephone pole, in concrete post; standard tablet stamped "189 JJS 1951 129" (Not found, 1980) 128.408 feet

Reference mark; 120 ft N. of "189 JJS"; on south end of concrete gasoline pump base; chiseled square 128.41 feet

Harrell's Store, 2.2 mi N. of; 3.1 mi S. of Delway, along U.S. Highway 421, 40 ft SW. of and 1.0 ft higher than Y-jct. with rd. west, 33 ft W. of center of U.S. Highway 421, in concrete post; standard tablet stamped "190 JJS 1951 98" (Not found, 1980) 97.520 feet

LINE 6.

By J. J. Spahr, 1951; Book AV 274

'189 JJS 1951 129" (Described in line 5) 128.408 feet

Delway, 1.4 mi W. of hwy. intersection; 6.2 mi S. of crossroad at Taylors Bridge; 55 ft NE. of and level with intersection with north-south rd.; 40 ft N. of center of east-west rd.; in concrete post; standard tablet stamped "252 JJS 1951 127" (Not found, 1980) 126.191 feet

Reference mark; 70 ft SW. of tablet; in north base of electric pole; spike 125.93 feet

Delway, 2.2 mi NW. of hwy. intersection, along U.S. Highway 421; 1.2 mi S. of crossroads at Taylors Bridge; 40 ft E. of, and 5 ft lower than jct. with Y-rd. southwest; 27 ft SW. of electric pole; in concrete post; standard tablet stamped "253 JJS 1951 126" (Destroyed, 1980) ELEV 125.730 feet

Reference mark; 27 ft E. of tablet; in southwest base of electric pole; spike 125.93 feet

Taylors Bridge, 0.5 mi NW. of, along U.S. Highway 421, at curve to NNE. and approach to Six Runs Creek Bridge; 24 ft W. of center of hwy. at bottom of embankment of hwy. and 320 ft S. of south end of bridge over Six Runs Creek; in concrete and projecting 0.4 ft above surface; U.S.C.E. capped iron pipe stamped "30 NC 1/CE #36/3 TT A 117/43" (Not Found, 1980) 63.784 feet

Taylors Bridge, 0.9 mi N. of crossroads; along U.S. Highway 421; 0.5 mi N. of concrete bridge over Six Runs Creek; at Sampson Memorial Highway Park; 15 ft N. of brick drinking fountain; 30 ft S. of south corner of shelter house; in concrete post; standard tablet stamped "254 JJS 1951 63" 62.705 feet

LINE 7.

By J.J. Spahr, 1951; Book AV 274

"A 32 1932" (NGS) ELEV 159.186 feet

"B 32 1932" (NGS) 159.681 feet

Warsaw, 2.5 mi ESE. of Atlantic Coast Line Railroad Station along State Highway 24; 6.1 mi NW. of courthouse at Kenansville; 130 ft NW. of center of drive to S. A. James residence; 25 ft NE. of and level with center of State Highway 24; 5 ft SW. of pole No. 74; in concrete post; standard tablet stamped "278 JJS 1951 146" (Not found, 1980)
145.799 feet

Warsaw, 4.2 mi ESE. of Atlantic Coast Line RR. Station; 4.4 mi NW. of courthouse at Kenansville, along State Highway 24; 33 ft S. of, and 3 ft lower than jct. with Y-rd. northeast; 6 ft NE. of fenceline; 10 ft NW. of pole 96, in concrete post; standard tablet stamped "279 JJS 1951 136" (Not found, 1980)
136.083 feet

Reference mark; 55 ft NE. of tablet; in southwest base of telephone pole; spike
137.44 feet

Kenansville, 2.6 mi WNW. of County Courthouse, along State Highway 24; about 125 ft E. of east corner of brick house; 25 ft SW. of, and 1.0 ft lower than centerline of hwy.; 9 ft NE. of telephone pole 132; in concrete post; standard tablet stamped "280 JJS 1951 123" (Not found, 1980)
122.891 feet

LINE 8.

By J. J. Spahr, 1951; Book AV 274

Kenansville, 5.5 mi SW. of county courthouse; 3.8 mi E. of Magnolia; 6.2 mi NNE. of Rose Hill; 55 ft W. of, and level with center of intersection with northwest-southeast rd.; 36 ft SW. of center of northwest-southeast rd.; in concrete post; standard tablet stamped "282 JJS 1951 96" (Reported destroyed, 1978)
95.596 feet

Reference mark; 70 ft SE. of tablet; in northwest base of electric guy pole; spike
96.08 feet

Rose Hill, 1.2 mi N. of school, along U.S. Highway 117, to jct. with Y-rd. northeast, thence 2.0 mi NE.; 7.8 mi SW. of Kenansville; 45 ft W. of, and 3 ft higher than jct. with Y-rd. south; 16 ft NW. of center of rd. southwest; 6 ft NE. of drainage ditch, in concrete post; standard tablet stamped "283 JJS 1951 77" (Reported destroyed, 1978)
76.715 feet

Rose Hill, 1.2 mi N. of school along U.S. Highway 117; 4.2 mi S. of Baptist Church at Magnolia; 43 ft E. of, and level with jct. with Y-rd. northeast to Kenansville; 4 ft S. of long needle pine tree, in concrete post; standard tablet stamped "284 JJS 1951 87" (Not found, 1978)
86.972 feet

Reference mark; 60 ft N. of tablet; on north end of concrete pipe culvert; chiseled square
85.29 feet

LINE 9.

By F. B. Neary, 1959; Book AV 682 (NOTE: rerun of 1951 line by J. J. Spahr)

"B 32 1932" (NGS) (Also in line 7) ELEV 159.681 feet

Warsaw; in front of small yellow building which is office of Texas Company; 170 ft W. of west curb of Railroad Avenue; in south curb of College Avenue; NGS reference mark disk stamped "WARSAW NO 3 1933" (Not found, 1980) 155.782 feet

Warsaw, 2.75 mi S. of; 1.7 mi NW. of Carroll; 95 ft W. of, and 2 ft higher than centerline of rd.; 1.0 ft S. of residence and 1.0 ft E. of chimney of Percy Gavin; in concrete post; standard tablet stamped "242 JJS 1951 RESET 1959 143" 142.830 feet

Reference mark; 95 ft E. of tablet; on north end of 18-inch concrete pipe; chiseled square 141.15 feet

Warsaw, 3.0 mi S. of, thence 1.75 mi SW.; 45 ft N. and 10 ft E. of, and 1.0 ft higher than intersection of rd. south; near east end of concrete gasoline pump base; standard tablet stamped "243 JJS 1951 RESET 1959 112" 111.538 feet

Reference mark; 80 ft E. of tablet; center of northeast side of catch basin 109.33 feet

U.E., Warsaw, 3.0 mi S. of; then 3.8 mi SW.; on southwest corner of bottom concrete step of Wilson Chapel Church; chiseled square 126.57 feet

Warsaw, about 7.0 mi SW. of; 4.0 mi SE. of Turkey; in northwest corner of second step at entrance to New Hope Church; standard tablet stamped "244 JJS 1951 RESET 1959 129" (Not found, 1980) 128.695 feet

Reference mark; 17 ft W. of tablet; on north end of bottom step; chiseled square 135.65 feet

Turkey, 3.2 mi SE. of; 60 ft S. and 32 ft W. of, and 3 ft higher than crossroads; in south end of concrete base of gasoline pumps at store of L. H. Caldwell; standard tablet stamped "245 JJS 1951 RESET 1959 135" (Elevation established in 1980) (Also in line 17) 134.690 feet

Reference mark; 60 ft S. of tablet; top of hwy. right-of-way marker 116.40 feet

Turkey, 5.2 mi SW. of; 50 ft N. and 1/ ft higher than jct. of rd. southeast; in concrete post; standard tablet stamped "246 JJS 1951 RESET 1959 119" (Not found, 1980) 118.774 feet

Turkey, 7.0 mi SW. of; 5.6 mi SE. of Moultenville; 0.9 mi NW. of Y-intersection; 150 ft E. of, and 1.0 ft higher than intersection of drive; 1.0 ft N. of southwest corner of tobacco barn; in concrete post; standard tablet stamped "247 JJS 1951 RESET 1959 128" 127.792 feet

NGVD 29
ElevationsLINE 10.

By J. J. Spahr, 1951; Book AV 274

"252 JJS 1951 127" (Described in line 6)

ELEV 126.191 feet

LINE 11.

By J.J. Spahr, 1951; Book AV 274

There are no permanent marks in this line.

LINE 12.

By Richard L. Meador, 1980; Book AV 1748

1 14 10.42

Harrells, 8.0 mi NNW. of; 8.75 mi N. along U.S. 421 from intersection with NC 41 and 411; 0.1 mi S. of intersection with SR 1140; 102.1 ft WSW. of centerline of U.S. 421; 2.3 ft NE. of 4-inch pine with aluminum reference tag; 35.8 ft ESE. of 4-inch pine within woods with aluminum reference tag; set in top of concrete cylinder one-inch above ground; NCGS brass traverse disk stamped "PEAK 1973" 121.001 feet

1 15 11.40

Harrells, 7.1 mi NNW. of; 7.75 mi N. along U.S. 421 from intersection with NC 41 and 411; 44.6 ft NE. of centerline of U.S. 421; 13.0 ft E. of northwest end of culvert at entrance to cemetery; 28.8 ft N. of southeast end of culvert at entrance to cemetery; 151.6 ft SSE. of right-of-way marker; set in top of concrete cylinder 3-inches below ground; NCGS brass traverse disk stamped "BENTON 1973" 129.638 feet

1 16 12.37

U.E., centerline of rd. at drive east and woods rd. west; nail and cap 131.245 feet

1 17 13.10

Harrells, 5.6 mi N. of; 6.5 mi N. along U.S. 421 from intersection with NC 41 and 411; 0.45 mi N. of intersection with SR. 1003 (at Delway) and on northwest side of woods rd.; 48.9 ft SW. of centerline of U.S. 421; 5.4 ft NW. of centerline of woods rd.; 17.2 ft SSW. of north end of woods rd. culvert; 133.7 ft NW. of telephone pedestal; 13.4 ft ESE. of 3-inch sign post with aluminum reference tag; set in top of concrete cylinder flush with ground; NCGS Brass traverse disk stamped "AMMONS 1973" 129.908 feet

1 18 13.44

Harrells, 5.3 mi N. of; 5.75 mi N. along US 421 from intersection with NC 41 and 411; 0.25 mi N. of intersection with SR 1003 (at Delway); 55.0 ft ENE. of centerline of U.S. 421; 23.6 ft SW. of centerline of woods lane; set in top of concrete cylinder 3-inches above ground; NCGS brass traverse disk stamped "LOW 1973" 122.368 feet

LINE 12 (Cont'd)

1 19 13.80

Harrells, 5.0 mi N. of; 5.4 mi N. along US 421 from intersection with NC 41 and 411; 0.1 mi S. of intersection with SR. 1003 (at Delway); at north end of grassy island in front of Texaco Station; 21.0 ft W. of centerline of US 421; 96.5 ft N. of north end of south culvert of entrance to service station; 12.8 ft E. of south end of north culvert of entrance to service station; 53.8 ft NE. of north end of gas pump island; 73.6 ft ENE. of northeast corner of service station building; 68.3 ft E. of southeast corner of restaurant building; set in top of concrete cylinder flush with ground; NCGS brass traverse disk stamped "DELWAY 1973" ELEV 129.711 feet

1 20 14.45

U.E., centerline of woods rd. west; nail and cap 120.823 feet

1 21 15.57

Harrells, 3.3 mi N. of; 3.65 mi N. along U.S. 421 from intersection with NC 41 and 411; 0.25 mi N. of intersection with SR. 1151; 50 ft E. of old store building; 27.3 ft W. of centerline of U.S. 421; 10.0 ft S. of centerline of driveway; 10.0 ft ENE. of south end of driveway culvert; 80.7 ft N. of telephone pole #61 with aluminum reference tag; 87.4 ft SSE. of telephone pedestal; set in top of concrete cylinder 5-inches below ground; NCGS brass traverse disk stamped "PIPE 1973" 118.823 feet

1 22 16.18

U.E., centerline of T-rd. east (Route 1959); nail and cap 108.453 feet

1 23 16.78

U.E., centerline of T-rd. west (Route 1128); nail and cap 97.819 feet

1 24 17.26

Harrells, 1.5 mi N. of; 1.95 mi N. along U.S. 421 from intersection with NC 41 and 411; 0.5 mi S. of intersection with SR. 1128; 0.2 mi N. of Wards Chapel Church; 43.8 ft W. of centerline of U.S. 421; 6.9 ft N. of centerline of field rd.; 11.0 ft WSW. of north end of culvert under field rd.; 144.8 ft SW. of power pole #33619 with aluminum reference tag; 64.4 ft S. of telephone pole #31 with aluminum reference tag; set in top of concrete cylinder flush with ground; NCGS brass traverse disk stamped "PEACOCK 1973" 90.148 feet

LINE 13.

By Richard L. Meador, 1980; Book AV 1748

2 14 0.00

"MAGNOLIA 1968" (NCGS) 136.899 feet

2 14 0.42

U.E., centerline of jct. rd. 1003 and U.S. Highway 117; nail and cap 137.630 feet

2 15 1.32

Magnolia, 0.75 mi WSW. of; 0.9 mi SW. along SR. 1003 (Main street); from intersection with US 117 (Monk street); 33.5 ft SE. of centerline of SR 1003; 67.0 ft ENE. of centerline of "T" intersection; 3.0 ft S. of westernmost and smallest of 2 telephone pedestals; set in top of concrete cylinder 2-inches above ground; standard tablet stamped "41 MEA 1980" 126.402 feet

LINE 13 (Cont'd)

2 16 2.54

Magnolia, 2.0 mi SW. of; 2.1 mi SW. along SR. 1003 from intersection with U.S. 117 (Monk Street); on right on northeast side of dirt farm rd. leading northwest; 38.5 ft NW. of centerline of SR. 1003; 7.2 ft NW. of power pole #28534 with transformer and reference tag; 59.0 ft ENE. of southeast corner of first frame residence; set in top of concrete cylinder flush with ground; standard tablet stamped "42 MEA 1980"

ELEV 131.517 feet

2 17 3.97

Magnolia, 3.3 mi SW. of; 3.3 mi SW. along SR. 1003 from intersection with U.S. 117 (Monk Street); 0.65 mi NE. of "Y" jct. with SR. 1117; 58.5 ft ESE. of centerline of SR. 1003; 2.8 ft SSE. of power pole #37642 with reference tag; 82.3 ft NNW. of northwest corner of residence carport; set in top of concrete cylinder flush with ground; standard tablet stamped "43 MEA 1980"

129.603 feet

2 18 4.63

U.E., centerline of T-rd. northwest (Route 1117); nail and cap 124.834 feet

2 19 5.24

Magnolia, 4.6 mi SW. of; 4.8 mi SW. along SR. 1003 from intersection with U.S. 117 (Monk Street) to "Y" jct. with SR. 1119; 0.7 mi N. of Concord Missionary Church; 260.0 ft NNE. of centerline of "Y" jct.; 33.0 ft NW. of centerline of SR. 1003; 38.5 ft ESE. of centerline of SR. 1119; set in top of concrete cylinder flush with ground; standard tablet stamped "44 MEA 1980"

130.050 feet

2 20 6.41

Magnolia, 5.7 mi SW. of; 6.0 mi SW. along SR. 1003 from intersection with US 117 to bridge over small creek; 0.4 mi W. of Concord Missionary Church; 12.0 ft NNW. of centerline of SR. 1003; 1.0 ft E. of west end of north wheelguard; set in concrete wheelguard flush in drill hole; standard tablet stamped "45 MEA 1980"

78.657 feet

2 21 6.93

U.E., centerline of T-rd. northwest (Route 1120); nail and cap 121.942 feet

2 22 8.13

Magnolia, 7.3 mi SW. of; 7.6 mi SW. along SR. 1003 from intersection with U.S. 117 (Monk Street) to bridge over Little Beaverdam Creek; 0.45 mi E. of SR. 1003 and SR. 1100 crossroads; 12.5 ft NNW. of centerline of SR. 1003; 1.0 ft E. of west end of wheelguard; set in concrete wheelguard flush in drill hole; standard tablet stamped "46 MEA 1980"

84.746 feet

2 23 8.60

U.E., centerline of crossroads (Route 1100); nail and cap (also in line 14)
112.477 feet

2 24 9.63

Harrells, 6.5 mi NNE. of; 8.1 mi SW. along SR. 1003 from intersection with U.S. 117 (Monk Street), thence 1.0 mi S. along SR. 1100 to bridge over Big Beaverdam Creek; 12.5 ft W. of centerline of SR. 1100; 0.5 ft N. of south end of west wheelguard; set in concrete wheelguard in drill hole; standard tablet stamped "47 MEA 1980"

81.943 feet

LINE 13 (Cont'd)

2 25 10.35

USGS bench mark "187 JJS 1951 RESET 1959" (Described in Line 5)

ELEV 119.500 feet

LINE 14.

By Richard L. Meador, 1980; Book AV 1748

2 27 0.00

U.E., centerline of crossroads (Route 1100); nail and cap 112.477 feet

2 27 1.05

"91 MEA 1980 122" ~~(No description available)~~ 121.813 feet

2 28 2.23

Delway, 1.6 mi E. of, along Route 1003; 47 ft S., 60 ft W., and 0.1 ft higher than centerline of crossroads; 1.0 ft SW. of metal witness post; set in top of concrete post projecting 4-inches; standard tablet stamped "92 MEA 1980 128"

127.934 feet

2 30 3.80

USGS bench mark "DELWAY 1973" (Described in line 12) 129.500 feet

LINE 15.

By Richard L. Meador, 1980; Book AV 1748

2 31 0.00

USGS bench "187 JJS 1951 RESET 1959" (Described in line 5) 119.500 feet

2 31 1.02

Harrells, 5.3 mi NNE. of; 8.1 mi SW. along SR. 1003 from intersection with U.S. 117 (Monk Street), thence south along SR. 1100 for 2.45 mi to southeast end of curve and near southeast edge of cultivated field; 35.0 ft SW. of centerline of SR. 1100; 17.0 ft S. of southeast end of culvert under field entrance rd.; 1.0 ft NE. of witness post; set in top of concrete cylinder 3-inches above ground; standard tablet stamped

"48 MEA 1980" 106.917 feet

2 32 2.36

USGS bench mark "185 JJS 1951 85" (Described in line 5) ELEV 83.930 feet

2 33 2.81

U.E., centerline of small bridge; nail and cap 65.885 feet

2 34 3.21

Harrells, 5.6 mi NE. of; 8.1 mi SW. along SR. 1003 from intersection with U.S. 117 (Monk Street), thence 4.6 mi S. along SR. 1100; in west corner of yard; 1.45 mi NW. of intersection with NC 41; 25.0 ft NE. of centerline of SR. 1100; 13.5 ft NNW. of northwest end of culvert under westernmost drive; 144.0 ft WSW. of westernmost corner of brick residence; set in top of concrete cylinder flush with ground; standard tablet stamped "49 MEA 1980"

81.606 feet

3 1 1.76

THIS IS THE
CORRECT DESC.
FOR 91 MEA

Harrells, 4.3 mi N. of; 2.7 mi E. along SR 1003
from intersection with U. S. 421 at Delway; W. of Duplin-
Sampson county line; 0.1 mi SW. of SR 1100
crossroads; 26.5 ft SE. of centerline of SR
1003; 38.0 ft NE. of centerline dirt drive leading
S.; 25.0 ft NE. of corner fence post with re-
ference tag; 0.8 ft SW. of witness sign; 1.5
ft NW. of fence; 59.3 ft ENE. of power pole
#28061 with reference tag; set in top of concrete
post flush with ground; standard tablet stamped

~~"90, MEA-1980"~~ 91 MEA

344907
78 10 28

121.813 FT

LINE 15 (Cont'd)

2 35 4.69

Wallace, 6.5 mi WNW. of; 6.8 mi W. along NC 41 from intersection with U.S. 117 (Norwood Street) to "Y" intersection with SR. 1100; in center of grassy triangle; 32.0 ft N. of centerline of NC 41; 29.0 ft SW. of centerline of SR. 1100; 46.0 ft W. of east tip of grassy triangle; 54.0 ft SE. of centerline of connector rd.; 160.0 ft SE. of east corner of brick residence; set in top of concrete cylinder 1-inch below ground; standard tablet stamped "56 MEA 1980" ELEV 77.332 feet

2 36 5.81

Wallace, 5.7 mi W. along NC 41 from intersection with U.S. 117 (Norwood Street); in center of south headwall for small culvert under highway; 700.0 ft W. of "T" intersection with SR. 1156 south; 20.0 ft SSW. of centerline of NC 41; set in concrete headwall in drill hole 2.5 ft below level of highway; standard tablet stamped "57 MEA 1980" 62.997 feet

LINE 16.

By Richard L. Meador, 1980; Book AV 1748

2 45 0.00

NCGS bench mark "KEN 1968" 98.973 feet

2 45 0.86

NCGS "ROSE HILL 1980" 98.038 feet

2 46 1.48

Rose Hill, in town; 0.45 mi W. of U. S. 117 at grade crossing of Seaboard Coast Line Railroad and SR. 1102 (Charity rd.) in southwest quadrant; 16.0 ft S. of centerline of SR. 1102; 34.0 ft E. of east rail (main track); set in concrete railroad signal base in drill hole; standard tablet stamped "50 MEA 1980" 89.738 feet

27.352 meters

2 47 2.02

U.E., centerline of T-rd. south; jct. 1002 and 1143; nail and cap 85.105 feet

2 48 2.59

Rose Hill, 1.1 mi SW. of; 1.0 mi W. along SR. 1102 from intersection with U. S. 117 (Sycamore Street), thence 0.6 mi S. along SR. 1143; 29.5 ft ESE. of centerline of SR. 1143; 2.7 ft S. of telephone pedestal; 29.7 ft N. of northwest corner of abandoned house; set in top of concrete cylinder flush with ground; standard tablet stamped "51 MEA 1980" 80.898 feet

2 49 3.95

Rose Hill, 2.5 mi SSW. of; 1.0 mi W. along SR. 1102 from intersection with U.S. 117 (Sycamore Street), thence 1.95 mi S. along SR. 1143 to SR. 1133; 25.5 ft SE. of centerline of SR. 1133; 38.0 ft S. of centerline of "T" intersection; 88.2 ft W. of northwest corner of white siding house; set in top of concrete cylinder flush with ground; standard tablet stamped "52 MEA 1980" 75.650 feet

LINE 16 (Cont'd)

2 50 5.49

Rose Hill, 3.7 mi SW. of; 1.0 mi W. along SR. 1102 from intersection with U. S. 117 (Sycamore Street), thence 1.95 mi S. along SR. 1143 to SR. 1133, thence 1.55 mi W. along SR. 1133 to bridge over Taylors Creek; 0.2 mi NE. of SR. 1101 crossroads at Corinth Church; 12.3 ft SE. of centerline of SR. 1133; 0.4 ft SW. of tablet stamped "53 MEA 1980" ELEV 58.447 feet

2 51 6.69

Rose Hill, 4.8 mi SW. of; 1.0 mi W. along SR. 1102 from intersection with U. S. 117 (Sycamore Street); thence 2.75 mi W. along SR. 1133; in southwest corner of Friendship Church yard; 475 ft NE. of "T" intersection with SR. 1134; 37.0 ft NW. of centerline of SR. 1133; 28.0 ft W. of northeast end of culvert under west drive to church; 8.8 ft NE. of power pole #28961 with transformer and reference tag; set in top of concrete cylinder flush with ground; standard tablet stamped "54 MEA 1980" 75.490 feet

2 52 7.23

U.E., centerline of T-rd. north; jct. 1134 and 1135; nail and cap 75.984 feet

2 53 7.59

Rose Hill, 5.6 mi SE. of; 1.0 mi W. along SR. 1102 from intersection with U. S. 117 (Sycamore Street), thence 1.95 mi S. along SR. 1143 to SR. 1133, thence 2.85 mi W. along SR. 1133 to SR. 1134, thence 0.45 mi S. along SR. 1134 to SR. 1135, thence southwest along SR. 1135 to bridge over "Rockfish Creek"; 14.0 ft SE. of centerline of SR. 1135; 1.0 ft SW. of northeast end of wheelguard; set in concrete wheelguard in drill hole; standard tablet stamped "55 MEA 1980" 55.541 feet

2 54 8.14

USGS bench mark "56 MEA 1980" (Described in line 15) 77.332 feet

LINE 17.

By Richard L. Meador, 1980; Book AV 1748

2 56 0.00

NC State Highway Commission bench mark "17 WC 9 1967" 147.785 feet

2 56 1.52

Turkey, 1.3 mi S. of; 1.35 mi S. along SR. 1004 from intersection with NC 24 in east headwall; 0.35 mi N. of "T" intersection with SR. 1929 west; 24 ft ESE. of centerline of SR. 1004; 1.0 ft S. of north end of headwall; set in concrete headwall in drill hole; standard tablet stamped "36 MEA 1980" 119.656 feet

2 57 1.88

Turkey, 1.6 mi S. of; 1.7 mi S. along SR. 1004 from intersection with NC 24 on east side of "T" intersection, along unpaved drive leading southeast to farm residence; 49.5 ft ESE. of centerline of "T" intersection; 1.4 ft SW. of fence; 10.0 ft NE of centerline of dirt drive; 34.4 ft E. of south end of culvert under drive; 5.0 ft WNW. of 4th post from fence corner; set in top of concrete post 10 inches below ground; standard tablet stamped "34 WC 11" 149.736 feet

LINE 17 (Cont'd)

2 58 2.92

U.E., centerline of T-rd. east (Rt. 1928); nail and cap ELEV 153.197 feet

2 59 3.43

USGS bench mark "245 JJS 1951 RESET 1959 135" (Described in line 9)
134.690 feet

2 60 4.72

Turkey, 4.3 mi S. of; 4.45 mi S. along SR. 1004 from intersection with NC 24; at end of hedge row between two unpaved drives leading to white frame residence; 0.1 mi NE. of "T" intersection with SR. 1930 east; 33.5 ft SE. of centerline of SR. 1004; 1.5 ft S. of telephone pedestal; set in top of concrete cylinder 2 inches below ground; standard tablet stamped "37 MEA 1980"
151.784 feet

2 61 5.41

U.E., centerline of T-rd. east (Rt. 1004 & 1943); nail and cap 103.241 feet

2 62 6.14

Turkey, 5.1 mi SSW. of; 5.8 mi S. along SR. 1004 from intersection with NC 24; in southeast wingwall; 15.0 ft S. of centerline of SR. 1004; 1.0 ft S. of SE. bridge corner; set in concrete wingwall in drill hole; standard tablet stamped
"38 MEA 1980"
76.857 feet

2 63 7.41

Turkey, 6.1 mi SSW. of; 7.0 mi S. along SR. 1004 from intersection with NC 24; in center of west headwall of culvert under rd.; 0.3 mi N. of "T" intersection with SR. 1939 west; 36.0 ft WNW. of centerline of SR. 1004; 89.0 ft SW. of southwest of culvert under drive northwest; set in concrete headwall in drill hole; standard tablet stamped
"39 MEA 1980"
91.197 feet

2 64 8.56

Turkey, 6.7 mi SSW. of; 0.8 mi SE. along SR. 1147 from intersection with U. S. 421; just north of "Y" junction with SR. 1939 east; 34.0 ft NE of centerline of SR. 1147; 76 ft NNW. of centerline of intersection of SR. 1147 and SR. 1939; 8.0 ft NNW. of telephone pedestal; set in top of concrete cylinder 1.0 inch below ground; standard tablet stamped "40 MEA 1980"
143.325 feet