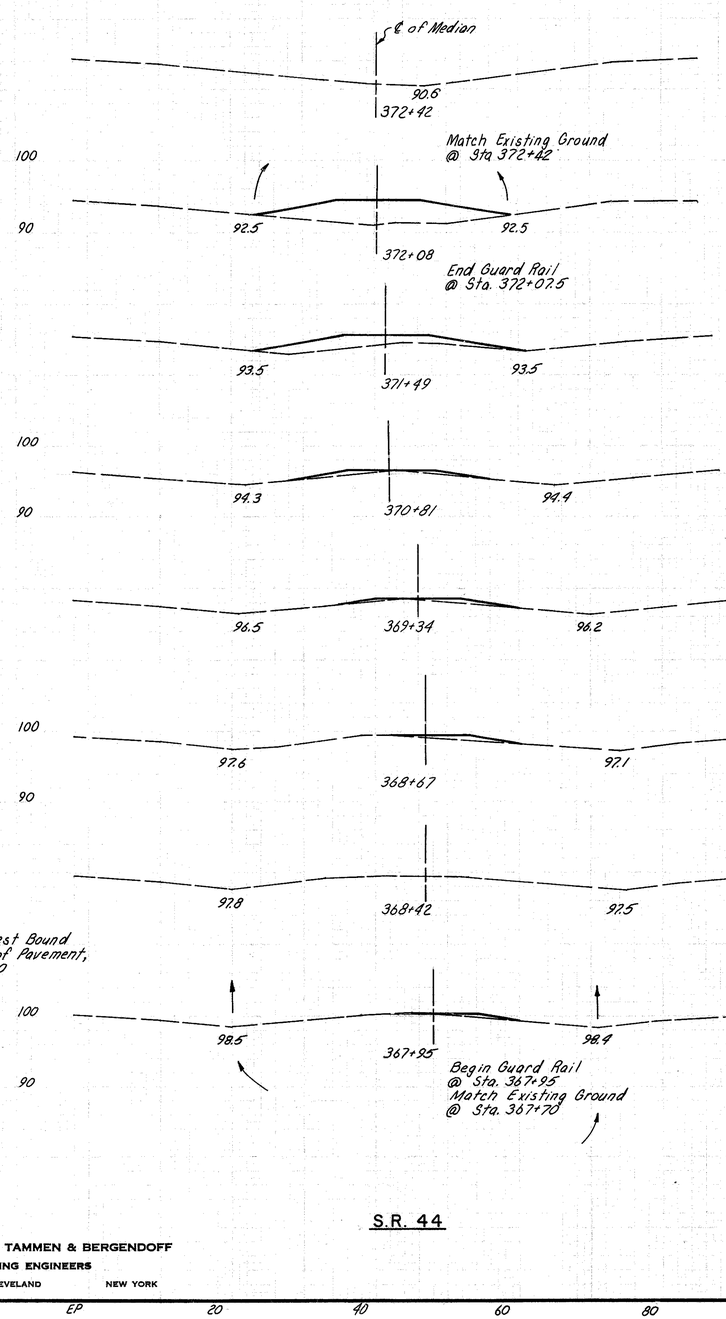
K&E 17 0483 9-69

EP 20 40 60 80



100
90

Vol. Emb. = (0+80)34 / 54 = 50.4 Cu. Yds.

Vol. Emb. = (80+40)59 / 54 = 131.1 Cu. Yds.

Vol. Emb. = (40+11)68 / 54 = 64.2 Cu. Yds.

Vol. Emb. = (11+8)147 / 54 = 51.7 Cu. Yds.

Vol. Emb. = (8+9)67 / 54 = 21.1 Cu. Yds.

Vol. Emb. = (9+0)25 / 54 = 4.2 Cu. Yds.

Vol. Emb. = (0+4)47 / 54 = 3.5 Cu. Yds.

Vol. Emb. = (9+0)25 / 54 = 1.9 Cu. Yds.

At Sta. 368+00 West Bound Lane, Edge of Pavement, Elevation = 100.00

TOTAL VOLUME
Excavation = 0
Embankment = 328 Cubic Yards
Seeding & Mulching = 1270 Sq. Yds

(For Plan View See Sheet 17.)

S.R. 44

HOWARD, NEEDLES, TAMMEN & BERGENDOFF
CONSULTING ENGINEERS
KANSAS CITY CLEVELAND NEW YORK

4-17-72 FEF
4-20-72 REM
4-20-72 REM
5-15-72 ERH

EP 20 40 60 80

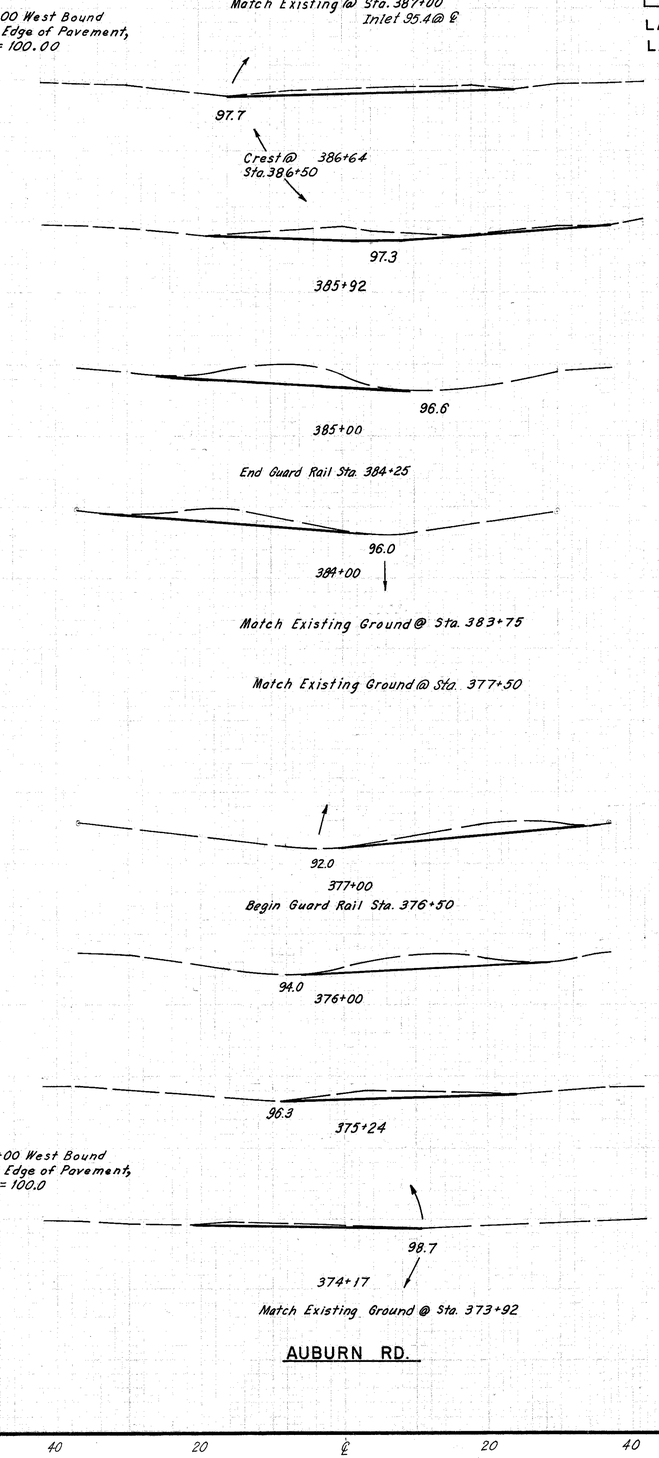
40 20 ℄ 20 40

QUANTITIES
Made: R.E.M. 4-20-72
Ckd: E.R.H. 5-15-72

FED. RD. DIVISION	STATE	PROJECT	
5	OHIO		

74
111

LAKE COUNTY
LAK.-90-3.56



100
90

Vol. Exc. = (0+24)36 / 54 = 16.0 Cu. Yds.

Vol. Exc. = (24+38)×72 / 54 = 82.7 Cu. Yds.

Vol. Exc. = (38+51)×92 / 54 = 151.6 Cu. Yds.

Vol. Exc. = (51+39)×100 / 54 = 166.7 Cu. Yds.

Vol. Exc. = (39+0)25 / 54 = 18.1 Cu. Yds.

Vol. Exc. (0+36)×50 / 54 = 33.3 Cu. Yds.

Vol. Exc. = (36+43)×100 / 54 = 146.3 Cu. Yds.

Vol. Exc. = (43+22)×76 / 54 = 91.5 Cu. Yds.

Vol. Exc. = (22+12)×107 / 54 = 67.4 Cu. Yds.

Vol. Exc. = (12+0)×25 / 54 = 5.6 Cu. Yds.

TOTAL VOLUME
Excavation = 779.2 Cubic Yards
Embankment = 0
Seeding & Mulching = 2598 Sq. Yds.

(For Plan View See Sheet 18.)

AUBURN RD.

40 20 ℄ 20 40

S.R. 44 – AUBURN RD.