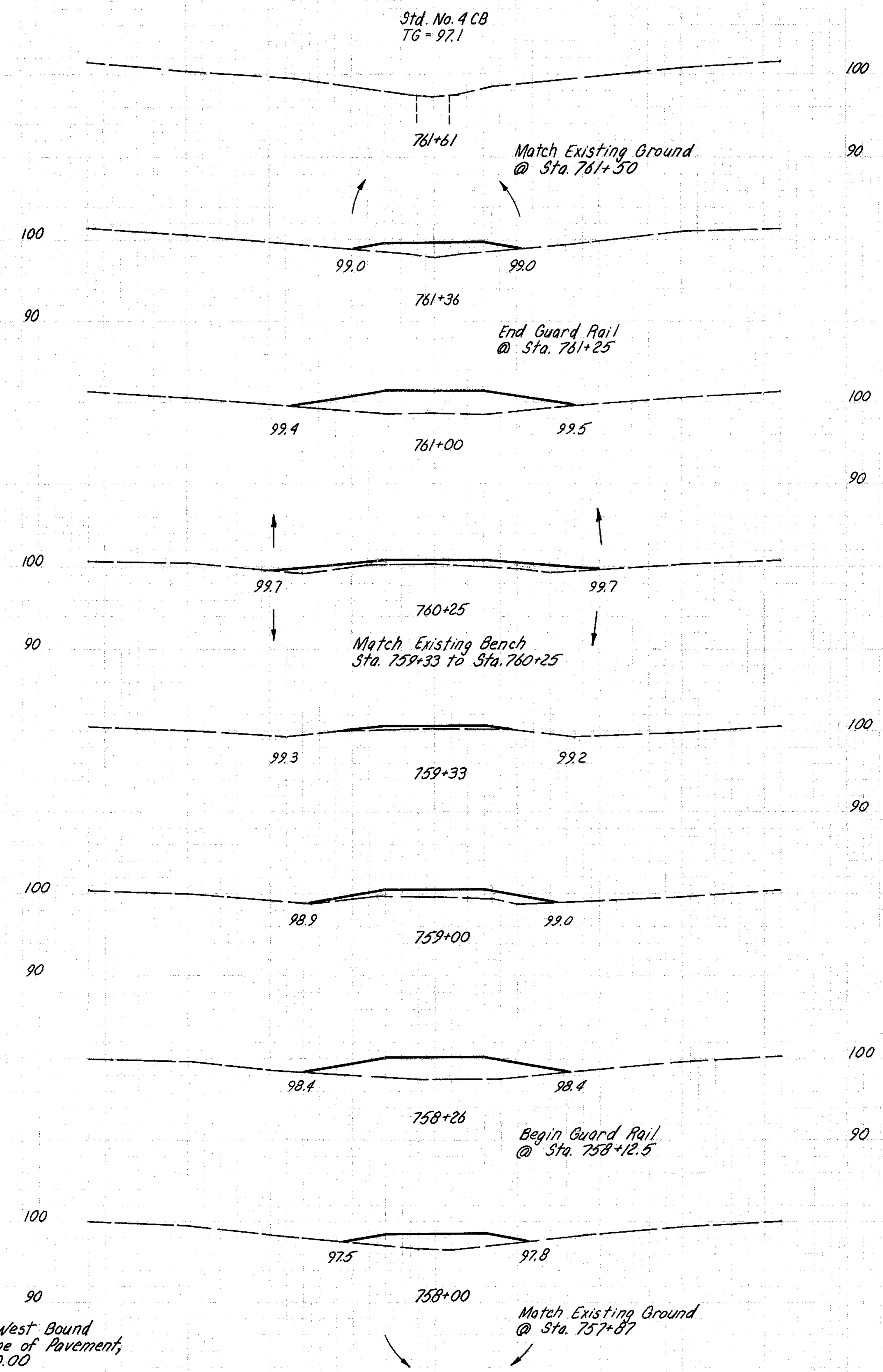
LAKE COUNTY
LAK.-90-3.56

QUANTITIES
Made: REM 4-21-72
Ckd: ERH 5-18-72



Vol. Emb. = (0+28)14 / 54 = 7.2 Cu. Yds.

Vol. Emb. = (28+71)36 / 54 = 66.0 Cu. Yds.

Vol. Emb. = (71+30)75 / 54 = 140.3 Cu. Yds.

Vol. Emb. = (10+24)33 / 54 = 20.7 Cu. Yds.

Vol. Emb. = (24+60)74 / 54 = 115.1 Cu. Yds.

Vol. Emb. = (60+33)26 / 54 = 44.8 Cu. Yds.

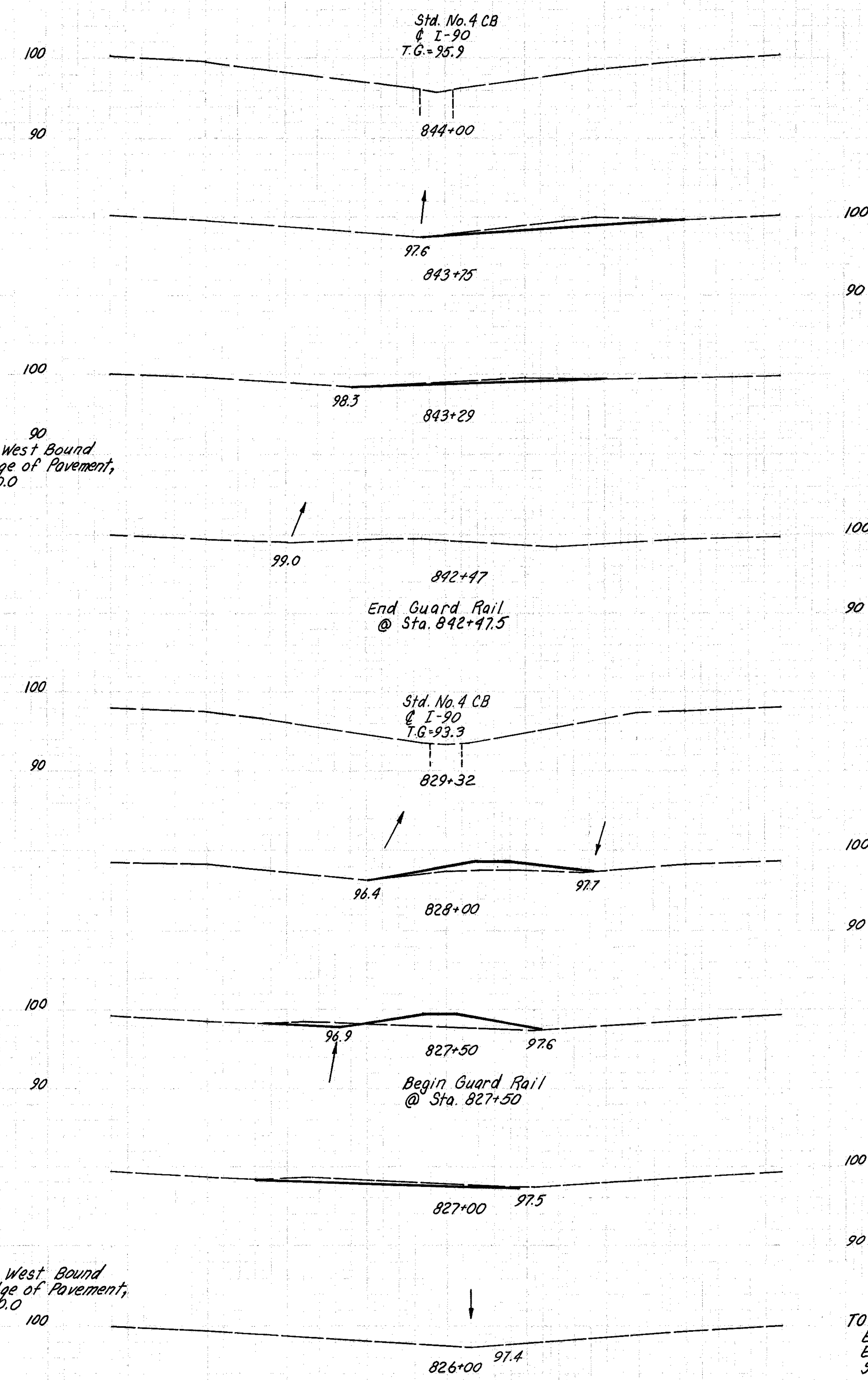
Vol. Emb. = (33+0)13 / 54 = 7.9 Cu. Yds.

At Sta. 758+00 West Bound Lane, Left Edge of Pavement, Elevation = 100.00

TOTAL VOLUME
Excavation = 0
Embankment = 402.0 Cubic Yards
Seeding & Mulching = 874.3 Sq. Yds.

(For Plan View See Sheet 24.)

FORD RD.



At Sta. 843+00 West Bound Lane, Left Edge of Pavement, Elevation = 100.0

At Sta. 826+00 West Bound Lane, Left Edge of Pavement, Elevation = 100.0

Vol. Exc. = (0+20)25 / 54 = 9.3 Cu. Yds.

Vol. Exc. = (20+8)46 / 54 = 23.9 Cu. Yds.

Vol. Exc. = (8+0)82 / 54 = 12.8 Cu. Yds.

Vol. Emb. = (0+19)132 / 54 = 46.4 Cu. Yds.
Vol. Exc. = 0

Vol. Emb. = (19+28)50 / 54 = 43.5 Cu. Yds.
Vol. Exc. = (0+4)50 / 54 = 3.7 Cu. Yds.

Vol. Emb. = (28+0)50 / 54 = 25.9 Cu. Yds.
Vol. Exc. = (4+15)50 / 54 = 17.6 Cu. Yds.

Vol. Emb. = 0
Vol. Exc. = (15+0)100 / 54 = 27.8 Cu. Yds.

TOTAL VOLUME
Excavation = 95.1 Cubic Yards
Embankment = 115.8 Cubic Yards
Seeding & Mulching = 1118.9 Sq. Yds.

(For Plan View See Sheet 25.)

GRAND RIVER

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