CORPS OF ENGINEERS

U.S. ARMY

QUANTITIES

SIDE DRAIN PIPE

| STATION | SIDE | LENGTH | SIZE | CU YDS | RAMP |
|---|---|---|---|---|---|
| 28+50 | Rt. | — | — | 25 | |
| 34+50 | Lt. | — | — | 15 | |
| 32+50 | Rt. | | | 25 | |
| 36+25 | Rt. | 20' | 15" | 20 | |
| 38+00 | Lt. | 20' | 15" | 15 | |
| 38+00 | Rt. | — | — | 20 | |

QUANTITIES

| ITEM | STATION | STATION | UNIT | QUANTITY | REMARKS |
|---|---|---|---|---|---|

SYMBOLS

- (1) Etc. = Telephone Company's Pole Designation Number
- [1] Etc. = U.S.E.D. Pole Designation Number
- ----T---- = Existing Telephone Line
- ———— = New Telephone Line
- ----X---- = Existing Telephone Line To be Removed.
- o = Existing Telephone Pole
- ● = New Telephone Pole

P.I. = 37+29.30
Δ = 10°-50-02" Lt
D = 1°-00'
T = 543.31'
L = 1003.39'
R = 5729.58
S.E. = .021 ft
Extra width = None.

Begin S.E. sta 30+85.97

End S.E. sta 29+35.26

End S.E. sta. 43+62.53

Remove

Existing R/W

Remove 1150 sq yds. asphaltic concrete from sta 41+25 to sta 46+75

Reset sta. 39+00 76" x 30" std. steel corr. cond. pipe or 14' x 6' box culvert C.M. pipe culvert D.A. = 9.41 acres; C = 0.8 14.6 cu. yds. type 2 ¾ bag riprap. end walls 5% bag riprap approx. (2D)(2D) = 8.3 sq. yds. 5 cu. yds. unclassified excavation for structure and stilling.

Reset sta. 4.+00 1-5'x1.36' extra strength conc. pipe culvert D.A. = 11.48 acres; C = 0.8 .36 sq. yds. type 2 ¾ bag riprap. endwalls. 5% bag riprap approx. (3D)(5D) = 8.3 sq. yds. 150 cu. yds. unclassified excavation for structure and ditching.

THERE'S A SAFE METHOD FOR EACH JOB. Think!

PLAN

SCALE: 1" = 100'

PROFILE

HOR. SCALE 1" = 100'

VERT. SCALE 1" = 10'

Sod ditch checks at 18 sq. yds.

Sod ditch checks at 14 sq. yds.

Special ditch at 140 cu. yds.

Brown silty sand, medium

Red sandy clay

Brown clay, sand & gravel

Brown silty sand, medium

Red sandy clay

Excavation

Subgrade treatment type 17 for 420 cu. yds.

Subgrade treatment type 17 for 210 cu. yds.

Bottom 2152

| REVISION | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | FEB. 1961 | CORRECTED AS BUILT. | |
| | 10 NOV. 55 | Relocation of Telephone Lines Added. | |

PATCHEN & ZIMMERMAN ENGINEERS, AUGUSTA, GEORGIA

CORPS OF ENGINEERS - U.S. ARMY, OFFICE OF THE DISTRICT ENGINEER, MOBILE, ALA.

DESIGNED W.B.T. E.G.A.
DRAWN W.B.T. A.G.G.
TRACED
SUBMITTED
RECOMMENDED
CHIEF DESIGN BRANCH
APPROVED
CHIEF, ENGINEERING DIV.
APPROVED FOR PATCHEN & ZIMMERMAN ENGINEERS
DATE

APPROVED FOR THE D.E.
LT. COLONEL, CORPS OF ENGINEERS, ASST. DISTRICT ENGINEER
DATE SEPTEMBER 1955

CHATTAHOOCHEE RIVER, GEORGIA
BUFORD RESERVOIR
U.S. 129 (GEORGIA STATE HIGHWAY NO. 11)

# APPROACHES TO BELL'S MILL AND LONGSTREET BRIDGES

## PLAN AND PROFILE - SHEET 2

SCALE: AS SHOWN
FILE NO. A-24-6-500
SPEC. NO.
EXTENSION NO.
DRAWING NO.
SHEET 12 OF 10

PLATE 1-PLAN-PROFILE, U. S. R. R. STANDARD
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EUGENE DIETZGEN CO.