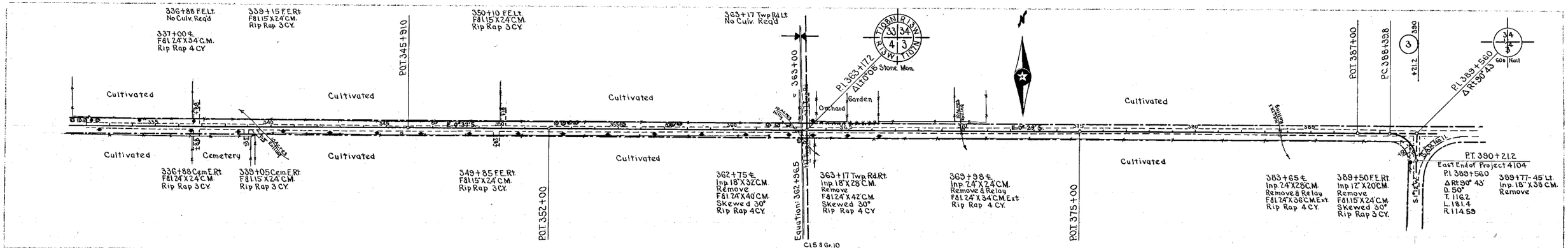
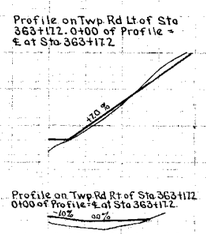

North Curve
P.I. 229+20.0
Δ Lt 89°40'
D 50°
T 113.9
L 179.3
R 114.59
South Curve
P.I. 229+20.0
Δ Rt 90° 20'
D 50°
T 115.26
L 180.66
R 114.59
T.H. No. 63
P.T. 230+35.9
P.T. 230+35.3
P.C. 228+54.6
P.C. 228+54.6
Connection with SAP 3802
P.I. 10 W of ℄ T.H. 63 Sta. 229+00
SAP No. 14 (4-6)
SAP 3802
Sta. 229+20.0 Begin S.A.P. 4104
P.I. is 10 East of T.H. No. 63
234+77 ℄
Inp. W. 10' X 4'/₂" X 20' Ne Floor
Pl. Floor in Present Struct.
Concrete "A" 6.7 CY.
Reinf. Bars 670 lb
Pl. W 105 Exts. 8' Lt 9' Rt.
Concrete "A" 36.2 CY.
Reinf. Bars 2500 lb.
Exc. "U" 40 CY.
247+50 ℄
F&I 24" X 56' C.M.
Skewed 30° Rt.
Rip Rap 4 CY.
255+91 ℄
Inp. 24" X 28' C.M.
Remove & Relay
at 256+00 ℄
256+00 ℄
Relay 24" X 28' C.M.
From 255+91 ℄
F&I 24" X 12' Ext.
Skewed 30° Rt.
Rip Rap 4 CY.
265+35 ℄
Inp. 24" X 26' C.M.
Remove & Relay
at 265+50 ℄
265+50 ℄
Relay 24" X 26' C.M.
From 265+35 ℄
F&I 24" X 54' CM Ext.
Rip Rap 4 CY.
274+19 F.E. Lt.
Inp. 30" X 18' C.M.
Remove & Relay
at 274+30 ℄
274+30 ℄
Relay 30" X 18' C.M.
From 274+19 Lt.
F&I 30" X 24' C.M. Ext.
Skewed 30° Rt.
Rip Rap 6 CY.
273+60 ℄
F&I 36" X 36' C.M. Def.
Skewed 30° Rt.
Rip Rap 4 CY.
288+77 Lt 11'
Inp 36" X 130' C.M.
Remove
287+64 Lt 20'
Inp 8' X 2'-7 1/8"
Masonry & Conc. Culv.
Remove.
Pl. C 84 X 28'
Concrete "A" 30 1 CY
Reinf. Bars 4953 lb.
Exc. "U" 60 CY.
Temp. By-Pass 1
Cultivated
Stone Mon.
Hayfield
Pasture
Farmyard
Barnyard
Fence
Power Line
T 108 N R 13 W
31 32
6 5
T 13 W T 107 N R
Sec. Cor.
Stone Mon.
Sec. Cor.
E 0°00'S.
E 16°54'N.
P.I. 252+10.0
Δ Rt 34°42'
Dc 4°
Ls 200.0
Ts 547.87
Rc 1432.39
Lt 133.37
Xc 199.80
Yc 4.65
θs 4°00'
P.I. 264+68.7
Δ Lt 51° 36'
Dc 6°
Ls 200'
Ts 562.4
Rc 954.93
Lt 133.41
Xc 199.78
Yc 6.98
θs 6°00'
TS. 246+62.13
SC. 248+62.13
CS. 255+29.63
ST. 257+29.63
TS. 259+29.63
SC. 261+29.63
CS. 267+69.63
ST. 269+69.63
POST 260+10.63
269+93 F.E. Rt.
No Culv. Req'd
Sta. 323+65.4
Sta. 323+40.8
Sta. 329+41.3
Sta. 329+41.8
Sta. 329+41.8
Sta. 329+41.3
Sta. 323+40.8
Sta. 323+65.4
Sta. 329+41.8
Sta. 329+41.3
Sta. 323+40.8
Sta. 323+65.4
Sta. 329+41.3
Sta. 329+41.8
Sta. 323+65.4
Sta. 323+40.8




# MILE 3
## ESTIMATE QUANTITIES
STA. 332+00 to STA. 390+21.2

Grading Items

| | | |
|---|---|---|
| Clearing | | 5 Trees |
| Grubbing | | 10 Trees |
| Excavation Class A | | 27,362 Cu.Yd. |
| Overhaul | | 2,914 C.Y.S. |
| Remove & Reset R.O.W. Fence | | 470 Rod |
| Removing Portable Culverts | | 170 Lin.Ft. |
| Hand-placed Rip Rap | | 38 Cu.Yd. |
| Relaying C.M. Culverts | 24" | 52 Lin.Ft. |
| Installing C.M. Culverts | 15" | 120 Lin.Ft. |
| Installing C.M. Culverts | 24" | 210 Lin.Ft. |
| Furnishing C.M. Culverts | 15" | 120 Lin.Ft. |
| Furnishing C.M. Culverts | 24" | 210 Lin.Ft. |