# LAK-84-(0.43-1.44)
# LAKE COUNTY

| FED. ROAD DIST. NO. | STATE | PROJECT | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|
| 2 | OHIO | | 18 | 73 |

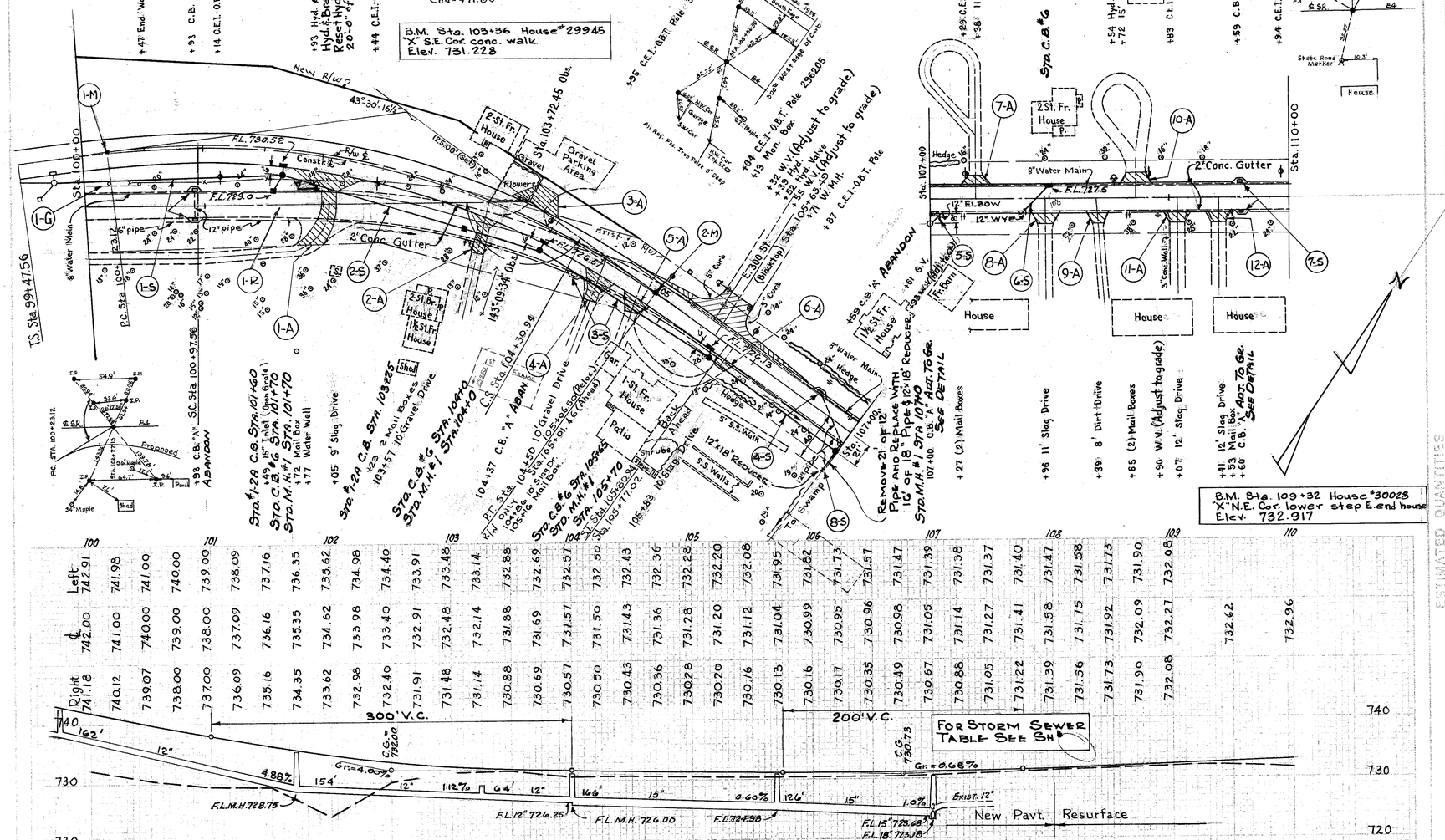
## E. 300TH ST. EXTRA AREA

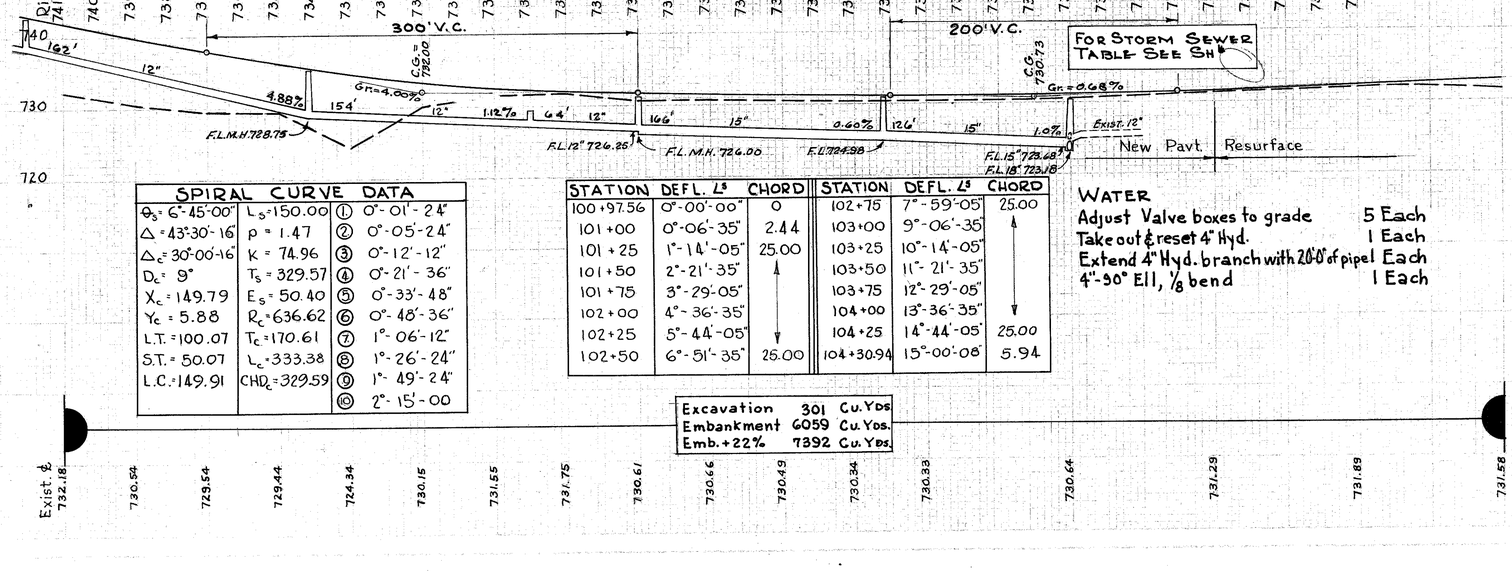
| | |
|---|---|
| 156 Sq.Yds. 1¼" Ave.Asph.conc. surface course | T-35 |
| 29 Sq.Yds. 1½" Asph. conc. leveling course | B-35 |
| 34 Sq.Yds. 8" Portland cement conc. base | B-70 |
| 44 Sq.Yds. 4" Subbase Grade "D" | I-22 |
| 34 Sq.Yds. Bituminous tack coat | T-30 |
| 18 Cu.Yds. Excavation | E-1 |

R/W ℄ CURVE DATA
R = 636.62'
D = 9°
Δ = 43°-30'-16"
T = 254.014'
L = 483.384'
E = 48.81'
Chd = 471.86'

B.M. Sta. 103+36 House #29945
"X" S.E. Cor. conc. walk
Elev. 731.228

B.M. Sta. 109+32 House #30028
"X" N.E. Cor. lower step E. end house
Elev. 732.917




FOR STORM SEWER TABLE SEE SH

## SPIRAL CURVE DATA

| | | |
|---|---|---|
| $\Theta_s$ = 6°-45'-00" | $L_s$ = 150.00 | ① 0°-01'-24" |
| Δ = 43°-30'-16" | p = 1.47 | ② 0°-05'-24" |
| $\Delta_c$ = 30°-00'-16" | K = 74.96 | ③ 0°-12'-12" |
| $D_c$ = 9° | $T_s$ = 329.57 | ④ 0°-21'-36" |
| $X_c$ = 149.79 | $E_s$ = 50.40 | ⑤ 0°-33'-48" |
| $Y_c$ = 5.88 | $R_c$ = 636.62 | ⑥ 0°-48'-36" |
| L.T. = 100.07 | $T_c$ = 170.61 | ⑦ 1°-06'-12" |
| S.T. = 50.07 | $L_c$ = 333.38 | ⑧ 1°-26'-24" |
| L.C. = 149.91 | $CHD_c$ = 329.59 | ⑨ 1°-49'-24" |
| | | ⑩ 2°-15'-00 |

| STATION | DEFL. $L^s$ | CHORD | STATION | DEFL. $L^s$ | CHORD |
|---|---|---|---|---|---|
| 100+97.56 | 0°-00'-00" | 0 | 102+75 | 7°-59'-05" | 25.00 |
| 101+00 | 0°-06'-35" | 2.44 | 103+00 | 9°-06'-35" | |
| 101+25 | 1°-14'-05" | 25.00 | 103+25 | 10°-14'-05" | |
| 101+50 | 2°-21'-35" | | 103+50 | 11°-21'-35" | |
| 101+75 | 3°-29'-05" | | 103+75 | 12°-29'-05" | |
| 102+00 | 4°-36'-35" | | 104+00 | 13°-36'-35" | |
| 102+25 | 5°-44'-05" | | 104+25 | 14°-44'-05" | 25.00 |
| 102+50 | 6°-51'-35" | 25.00 | 104+30.94 | 15°-00'-08" | 5.94 |

## WATER

| | |
|---|---|
| Adjust Valve boxes to grade | 5 Each |
| Take out & reset 4" Hyd. | 1 Each |
| Extend 4" Hyd. branch with 20'-0" of pipe | 1 Each |
| 4"-90° Ell, ⅛ bend | 1 Each |

| | |
|---|---|
| Excavation | 301 Cu.Yds |
| Embankment | 6059 Cu.Yds. |
| Emb. + 22% | 7392 Cu.Yds. |

ESTIMATED QUANTITIES

| | T-35 For Drives 2" | B-119 For Drives 5" | E-1 Excavation | E-8 Remove & Dispose & Paint | I-15 Remove & Dispose Mon. Box | I-8 Standard Guard Rail Assembly |
|---|---|---|---|---|---|---|
| | Cu.Yds. | Cu.Yds. | Cu.Yds. | Sq.Yds. | Lin.Ft. | Each |
| 1-A | 8 | 20 | 2.8 | | | |
| 2-A | 2 | 5 | 7 | | | |
| 3-A | 3 | 8 | 11 | | | |
| 4-A | 2 | 7 | 10 | | | |
| 5-A | 3 | 4 | 6 | | | |
| 6-A | 2 | 3 | 4 | | | |
| 7-A | 1 | 2 | 3 | | | |
| 8-A | 1 | 2 | 3 | | | |
| 9-A | 1 | 2 | 3 | | | |
| 10-A | 1 | 3 | 4 | | | |
| 11-A | 1 | 2 | 3 | | | |
| 12-A | 1 | 2 | 3 | | | |
| 1-R | | | | 1955 | | |
| 1-G | | | | 47 | | |
| 1-M | | | | | | 1 |
| 2-M | | | | | | 1 |

DRIVEWAYS
102+05 R
102+57 R
103+81 R
104+50 R
104+86 R
105+83 R
107+38 R
107+96 R
108+39 R
108+72 R
109+01 R
109+41 R

100+00 to 108+00

GUARD RAIL
100+00 to 100+47

1-M P.C. 100+23.12
2-M P.C. 108+96.46 BACK
108+99.46 AHEAD

25 59 84 1,955 47 2

PLAN & PROFILE STA. 100+00 to STA. 110+00