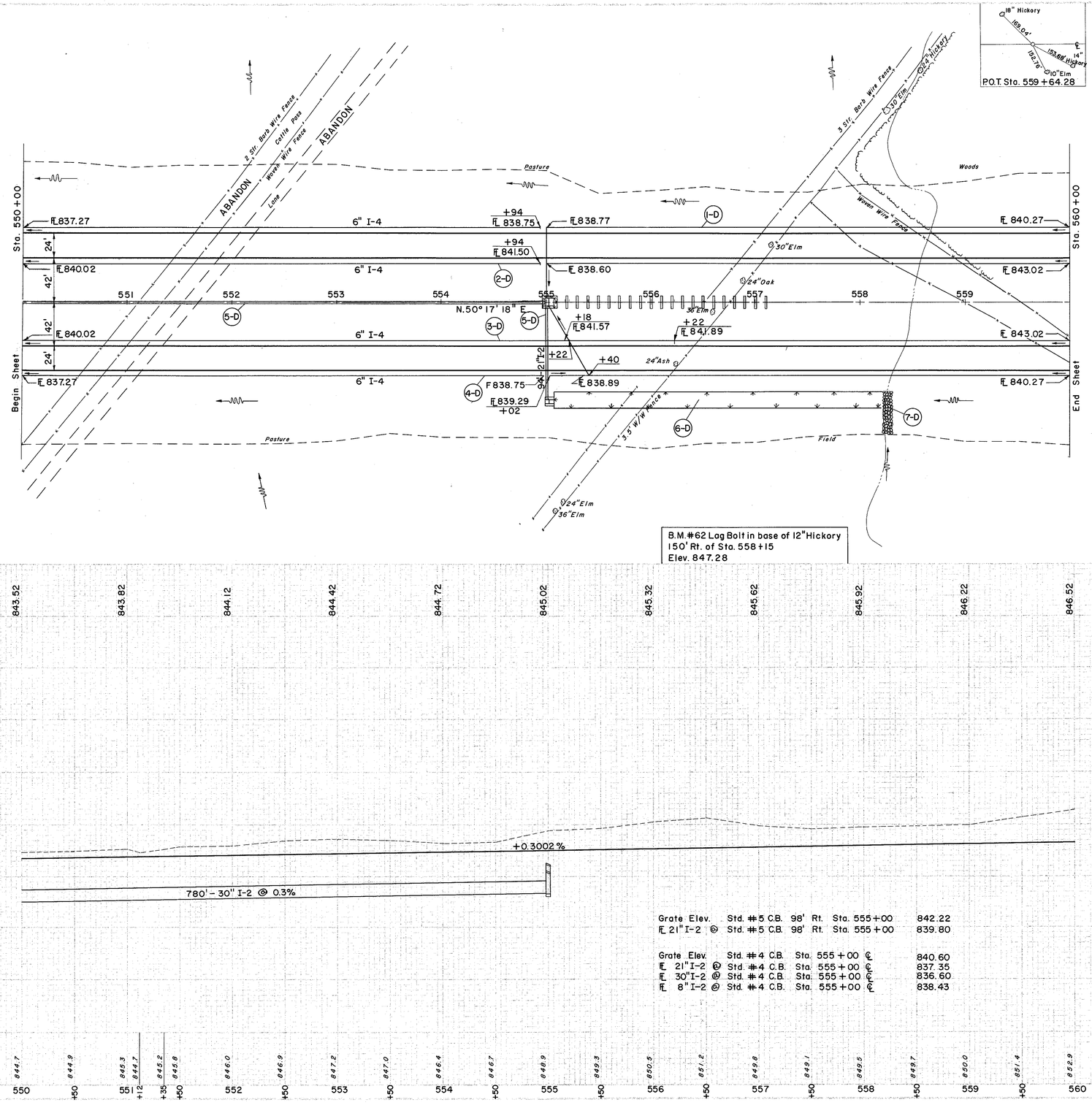
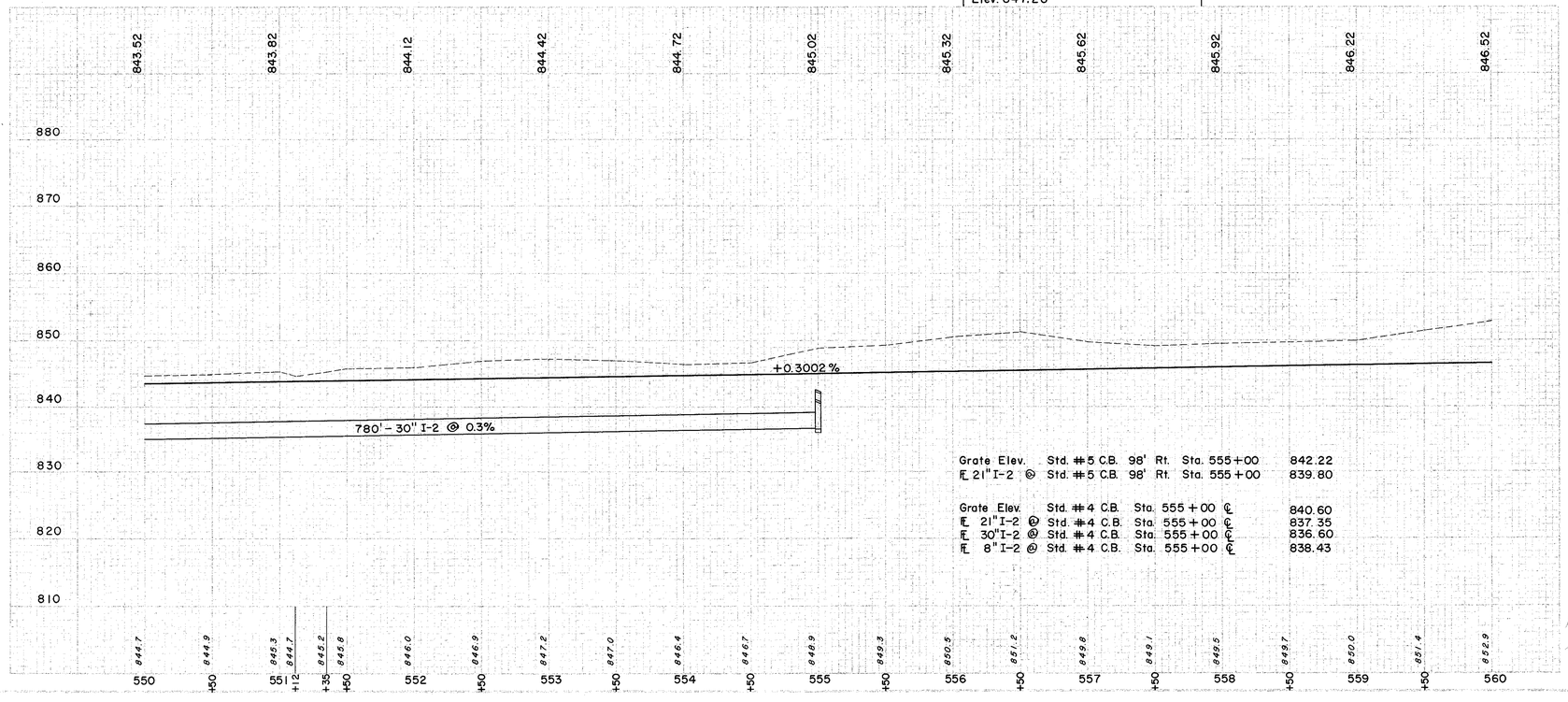
| SHEET NO. | STATE | PROJECT | |
|---|---|---|---|
| 2 | OHIO | ACI-1103 (27) | |

16
413

LAKE COUNTY
LAK-1-16.55




B.M.#62 Lag Bolt in base of 12"Hickory
150' Rt. of Sta. 558+15
Elev. 847.28




Grate Elev. Std. #5 C.B. 98' Rt. Sta. 555+00 842.22
℄ 21"I-2 @ Std. #5 C.B. 98' Rt. Sta. 555+00 839.80

Grate Elev. Std. #4 C.B. Sta. 555+00 ℄ 840.60
℄ 21"I-2 @ Std. #4 C.B. Sta. 555+00 ℄ 837.35
℄ 30"I-2 @ Std. #4 C.B. Sta. 555+00 ℄ 836.60
℄ 8"I-2 @ Std. #4 C.B. Sta. 555+00 ℄ 838.43

## Ⓓ DRAINAGE

| REF NO. | STATION FROM | STATION TO | SIDE | I-2 CL."A" STORM SEWER UNDER PAVT. SEC. M-6.5(b) OR M-6.8(b) 8" | I-2 CL."A" STORM SEWER UNDER PAVT. SEC. M-6.5(b) OR M-6.8(b) 21" | I-2 STORM SEWER SEC. M-6.5(a) OR M-6.8(a) 30" | I-4 8" OUT-LET PIPE SEC. M-64(b) | I-4 6" PIPE UNDER DRAIN SHALLOW | I-4 6" PIPE UNDER DRAIN DEEP | I-5 6" 90° BEND | I-5 6"x 8" INCREASER | I-5 6"x8"x8" TEE | I-5 6"x8"x8" 60° WYE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | LIN. FT. | | | | LIN. FT. | | EACH | | | |
| 1-D | 550+00 | 560+00 | 7' LT. | | 32 | | | | 996 | 1 | | 1 | |
| 2-D | 550+00 | 560+00 | 37' LT. | | 24 | | | 10 | 996 | | | | |
| 3-D | 550+00 | 560+00 | 37' RT. | | 28 | | | 10 | 996 | | | 1 | |
| 4-D | 550+00 | 560+00 | 7' RT. | | 37 | | | | | | | | 1 |
| 5-D | 550+00 | 557+00 | - | | | 94 | 499 | | | | | | |
| 6-D | 555+00 | 558+20 | RT. | | | | | | | | | | |
| 7-D | 558+25 | | RT. | | | | | | | | | | |

| I-8 STD.#4 CATCH BASIN EACH | I-8 STD.#5 CATCH BASIN EACH | I-10 L-10 SODDING S.Y. | I-10 DUMPED ROCK FOR CHANNEL PROTECT C.Y. | I-5 6"x8"x8" 60° WYE EACH |
|---|---|---|---|---|
| | | 554.5 | | 1 |
| | 1 | 586 | | |
| 1 | | | | |
| 1 | | | 23 | |

SODDING RIGHT DITCH

| STATION | DEPTH OF SODDING FT. | SLOPES F. | SLOPES B. | WIDTH OF SODDING FT. | LENGTH FT. | S. Y. |
|---|---|---|---|---|---|---|
| 555+00 | 1.2 | 8:1 | 3:1 | 17.0 | 325 | 586 |
| 558+25 | | 8:1 | 3:1 | 17.0 | | |

| | | |
|---|---|---|
| EXCAVATION | = | 40,851 C.Y. |
| EMBANKMENT | = | 475 C.Y. |
| EMBANKMENT @ 22 | = | 558 C.Y. |

From X-4b

STA. 550+00 TO STA. 560+00