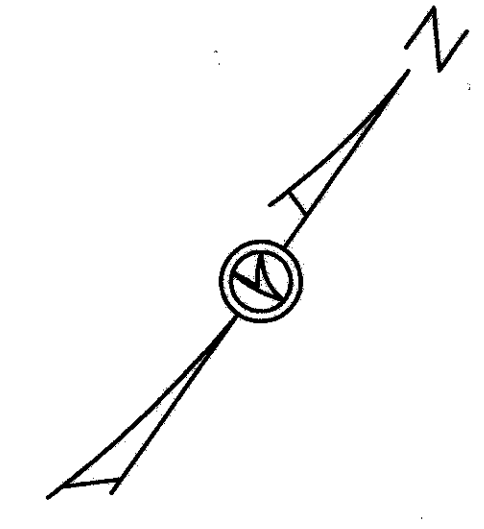


PLAN SHEET

LAKE COUNTY
LAK-90-6.71

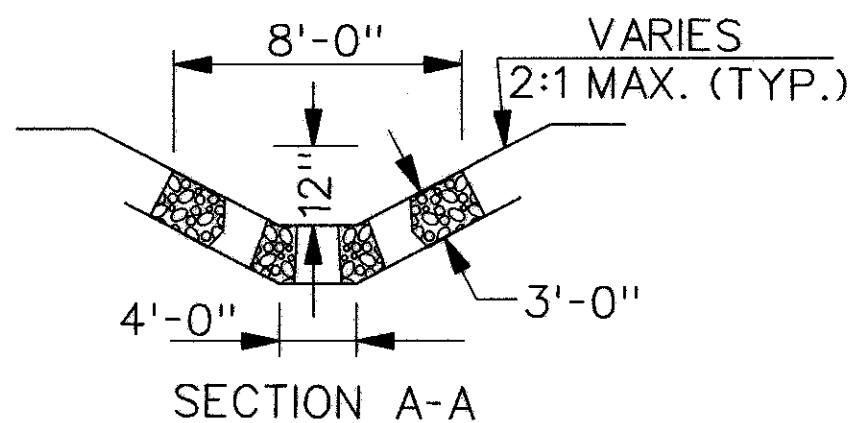
OHIO
FHWA
REGION 5

22
182



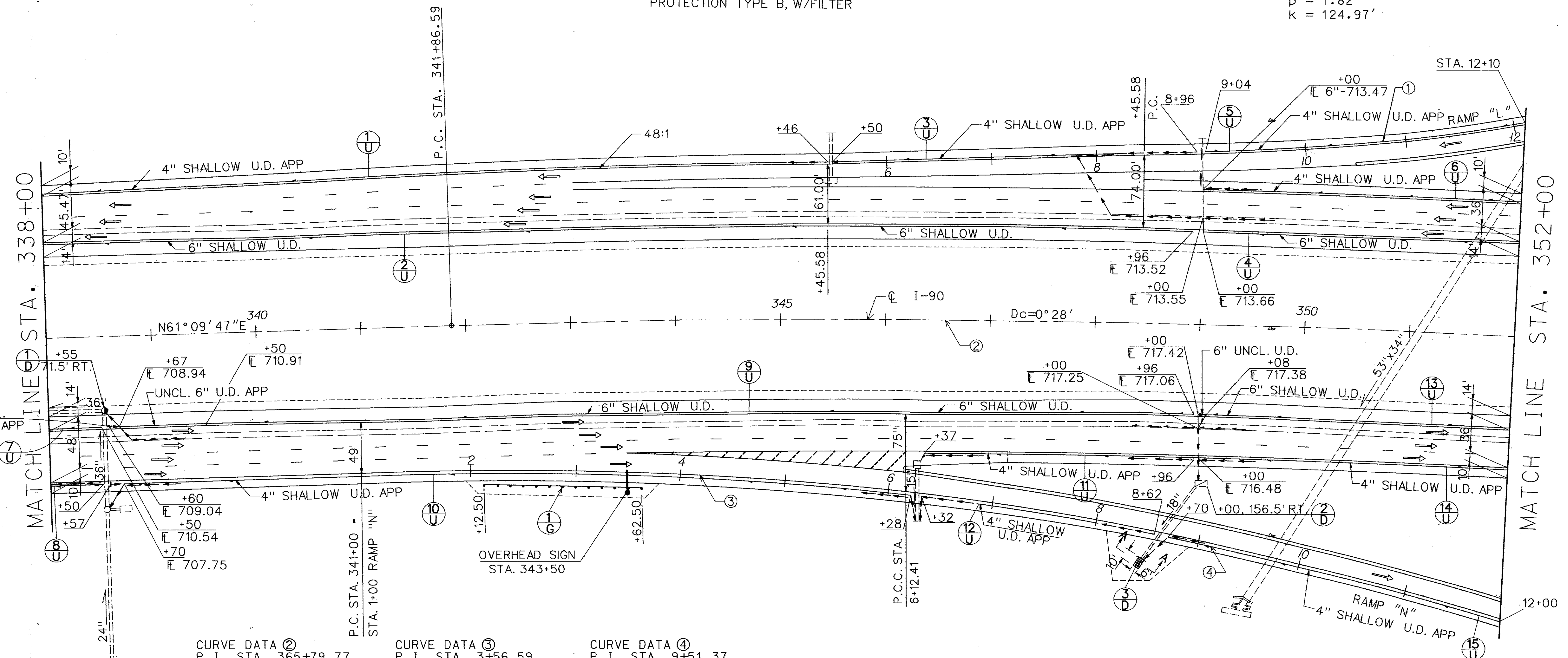
LEGEND:

- ○ = EXISTING C.B. OR M.H.
- ● = C.B. OR M.H. ADJUSTED/RECONSTRUCTED TO GRADE AS PER PLAN
- ● = NEW C.B. OR M.H.
- ⊗ = NEW C.B. OR M.H. CASTING
- ▨ = ROCK CHANNEL PROTECTION, TYPE B, WITH FILTER
- ▨ = DITCH CLEAN-OUT (SEE GENERAL NOTE)
- = EXIST. U.D.
- - - = PROPOSED U.D.
- · - · - = EXIST. & PROP. U.D.
- - - - - = CONSTRUCTION LIMITS



CURVE DATA ①
 P.I. STA. 10+96.03
 $\Delta = 10^{\circ}00'00''$
 $\theta_s = 5^{\circ}00'00''$
 $T_s = 250.45'$
 $L_s = 250.00'$
 $E_s = 7.30'$
 $P = 1.82'$
 $K = 124.97'$

BENCHMARK:
 B.M. No. 90
 CROSS CUT TOP OF CENTER BOLT OF
 WEST G.R. ANCHOR +/- 75' WEST OF
 KIRTLAND RD. BRIDGE, SOUTH SIDE OF
 E.B. I-90, APPROX. STA. 327+95
 ELEV. 706.11



CURVE DATA ②
 P.I. STA. 365+79.77
 $\Delta = 22^{\circ}03'35''$ RT.
 $D = 0^{\circ}28'00''$
 $R = 12,277.67'$
 $T = 2393.18'$
 $L = 4727.08'$
 $E = 231.06'$
 P.C. STA. 341+86.59
 P.T. STA. 25+13.31
 NORMAL CROWN

CURVE DATA ③
 P.I. STA. 3+56.59
 $\Delta = 7^{\circ}41'10''$
 $D = 1^{\circ}30'00''$
 $R = 3819.72'$
 $T = 256.59'$
 $L = 512.41'$
 $E = 8.61'$
 P.C.C. STA. 6+12.41

CURVE DATA ④
 P.I. STA. 9+51.37
 $\Delta = 13^{\circ}29'44''$
 $D = 2^{\circ}00'00''$
 $R = 2864.79'$
 $T = 338.96'$
 $L = 674.78'$
 $E = 19.98'$
 C.S. STA. 12+87.19

REFERENCES:

ITEM	SHT NO.	ITEM	SHT NO.
CROSS SECTIONS	38-42	FENCING PLAN	165-166
TRAFFIC CONTROL PLANS	124-154		
MAINTENANCE OF TRAFFIC PLANS	155-164		