

PLAN SHEET

LAKE COUNTY
LAK-90-6.71

OHIO
FHWA
REGION 5

23
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

S.R. 306
G.R. TO PIER
CLEARANCES F/C

DIRECTION	SIDE	L.F.
E.B.	RT	2.41
E.B.	LT	1.8
W.B.	RT	2.41
W.B.	LT	1.8

BENCHMARK:
B.M. 92
SQUARE CUT ON S.W. CORNER OF
WEST WINGWALL OF R.C.P. UNDER
E.B. I-90, MIDWAY DOWN E.B. RAMP,
APPROX. 1000 FT. EAST OF S.R. 306
APPROX. STA. 370+00

CURVE DATA ②
P.I. STA. 365+79.77
Δ = 22° 03' 35" RT.
D = 0° 28'
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 ⑥
P.I. STA. 9+51.37
Δ = 13° 29' 44"
D = 2000'
R = 2864.79'
T = 338.96'
L = 674.78'
OE = 19.98'
C.S. = STA. 12+87.19

CURVE DATA ⑦
P.I. STA. 13+70.54
Ls = 250'
θs = 2° 30'
p = 0.91'
K = 124.99'
L.T. = 166.68'
ST. = 83.35

CURVE DATA ⑩ S.R. 306
P.I. STA. 281+41.09
Δ = 31° 18' 20"
D = 1° 14' 10"
R = 4635.16
T = 1298.76
L = 2532.58
E = 178.52

CURVE DATA ①
P.I. STA. 10+96.03
Δ = 10° 00'
Ts = 0° 28'
Es = 7.30'
θs = 5° 00'
Ls = 250.00'
p = 1.82'
K = 124.97'

CURVE DATA ③
P.I. STA. 10+00.77
Δ = 29° 12' 09"
Dc = 23° 00'
Rc = 249.11'
Ts = 115.26'
Lc = 26.97'
Es = 10.04
Ls = 100'
p = 1.67'
K = 49.93

CURVE DATA ④
P.I. STA. 12+79.38
Ls = 250'
θs = 9° 22' 30"
p = 3.41'
K = 124.89'
L.T. = 166.90'
ST. = 83.55'

CURVE DATA ⑤
P.I. STA. 14+60.08
Ls = 250'
θs = 11° 15' 00"
p = 2.73'
L.T. = 153.20'
ST. = 97.60'

CURVE DATA ⑧
P.I. STA. 17+17.29
Δ = 23° 00'
Ts = 100.96'
Es = 5.14'
θs = 11° 30'
Ls = 100.00'
p = 1.67'
K = 49.93'

CURVE DATA ⑨
P.I. STA. 11+01.98
Δ = 7° 00'
Ts = 100.09'
Es = 2.04'
θs = 3° 30'
Ls = 100.00'
p = .51'
K = 49.99'

REFERENCES:

ITEM	SHT NO.	ITEM	SHT NO.
CROSS SECTIONS	42-46	S.R. 306 STRUCTURE PLANS	178
TRAFFIC CONTROL PLANS	124-154	FENCING PLAN	165-166
MAINTENANCE OF TRAFFIC PLANS	155-164		

