

LAKE COUNTY  
LAK-I-2003

C-33 C-34

TYPICAL SECTION NOTE: The Typical Section of the adjoining project is identical to the Typical Section of this project.

BEGIN WORK  
ACI-1103(28)  
STA. 702+75

700 701 702 703  
ADT 18715 (1975) N. 79° 03' 18" E.

Marker to be furnished and erected on the right by the State of Ohio before acceptance of this project.

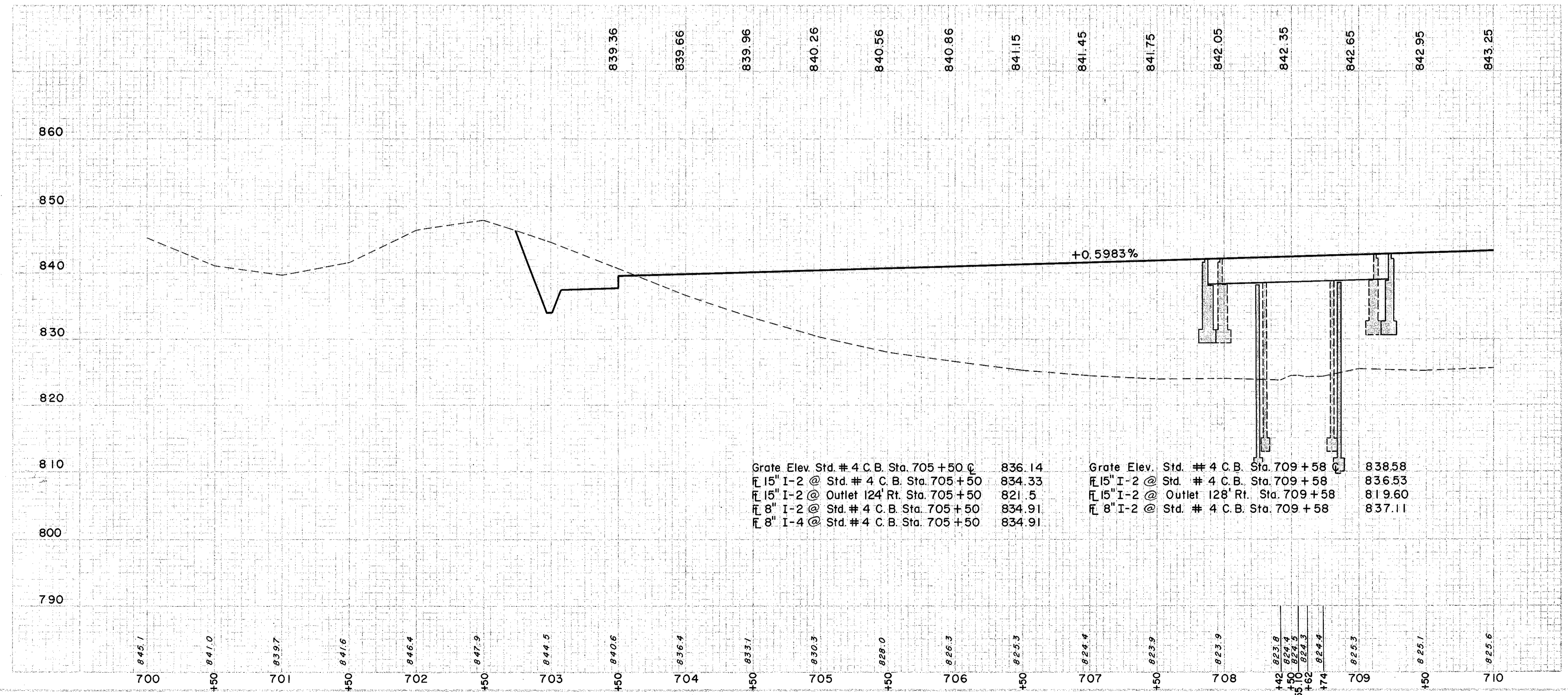
NOTE: The Contractor shall construct a temporary drainage ditch to provide an adequate outlet for roadway and median drainage and underdrains during construction.

STRUCTURE LAK-I-2012  
FOR DETAIL SEE SHEET NO. 186

ACI-1103(28)

FOR PAINE ROAD DETAILS  
SEE SHEETS NO. 115 TO 120

PAINE ROAD  
CURVE DATA  
P.I. Sta. 27+94.50  
Δ = 6° 51' 00" Rt.  
D = 2° 00'  
R = 2864.79'  
L = 342.50'  
T = 171.45'  
E = 5.13'



Grate Elev. Std. # 4 C.B. Sta. 705+50	836.14	Grate Elev. Std. # 4 C.B. Sta. 709+58	838.58
15" I-2 @ Std. # 4 C.B. Sta. 705+50	834.33	15" I-2 @ Std. # 4 C.B. Sta. 709+58	836.53
15" I-2 @ Outlet 124' Rt. Sta. 705+50	821.5	15" I-2 @ Outlet 128' Rt. Sta. 709+58	819.60
8" I-2 @ Std. # 4 C.B. Sta. 705+50	834.91	8" I-2 @ Std. # 4 C.B. Sta. 709+58	837.11
8" I-4 @ Std. # 4 C.B. Sta. 705+50	834.91		

(D) DRAINAGE

REF. NO.	STATION	SIDE OR EXCAV. FOR STRUCT.	DEPTH OF SODDING FT.	SODDING RIGHT DITCH		LENGTH FT.	AREA S.Y.	SODDING LEFT DITCH	E-2 CLASS "A" STORM SEWER UNDER PAVT. SEC. M-6.4(C)	I-2 C.M.P. OUTLET PIPE SEC. M-6.4(C)	STORM SEWER SEC. M-6.4(C)	I-4 SHALLOW C.M.P. PIPE UNDER DRAIN	I-5 PIPE SPECIALS	I-8 STD. # 4 ROCK FOR PROTECT.	I-10 DUMPED ROCK FOR PROTECT.	L-10 SODDING	S-1 CONCRETE STRUCT. CL. C.	S-4 REINF. STEEL	S-29 SPECIAL DRAINAGE OF SLOPE PROTECT.	L-10																					
				F	B																F	B	EACH	EACH	EACH	EACH	C.Y.	C.Y.	C.Y.	C.Y.	C.Y.	C.Y.	C.Y.								
I-D	703+50	LT	0.1	4:1	4:1	3.0	63	32	8"	15"	15"	6"	6" x 8" WYE	432	424	10	10	10	10	432	424	10	10	10	10	432	424	10	10	432	424	10	10	432	424	10	10	432	424	10	10
2-D	703+50	RT	0.1	4:1	4:1	4.5	167	24	8"	15"	15"	6"	6" x 8" TEE	426	440	10	10	10	10	426	440	10	10	10	10	426	440	10	10	426	440	10	10	426	440	10	10	426	440	10	10
3-D	703+50	RT	0.3	4:1	4:1	7.0	146	6	8"	15"	15"	6"	6" x 8" TEE	426	440	10	10	10	10	426	440	10	10	10	10	426	440	10	10	426	440	10	10	426	440	10	10	426	440	10	10
4-D	703+50	RT	0.6	4:1	4:1	7.5	376	6	8"	15"	15"	6"	6" x 8" TEE	426	440	10	10	10	10	426	440	10	10	10	10	426	440	10	10	426	440	10	10	426	440	10	10	426	440	10	10
5-D	705+50	RT	0.7	4:1	4:1	10.0	376	6	8"	15"	15"	6"	6" x 8" TEE	426	440	10	10	10	10	426	440	10	10	10	10	426	440	10	10	426	440	10	10	426	440	10	10	426	440	10	10
6-D	704+00	RT	0.2	4:1	4:1	3.5	168	6	8"	15"	15"	6"	6" x 8" TEE	426	440	10	10	10	10	426	440	10	10	10	10	426	440	10	10	426	440	10	10	426	440	10	10	426	440	10	10
7-D	705+00	RT	0.4	4:1	4:1	5.0	93	6	8"	15"	15"	6"	6" x 8" TEE	426	440	10	10	10	10	426	440	10	10	10	10	426	440	10	10	426	440	10	10	426	440	10	10	426	440	10	10
8-D	708+50	RT	0.8	4:1	4:1	8.0	261	6	8"	15"	15"	6"	6" x 8" TEE	426	440	10	10	10	10	426	440	10	10	10	10	426	440	10	10	426	440	10	10	426	440	10	10	426	440	10	10
9-D	709+07	RT	1.0	4:1	4:1	10.0	261	6	8"	15"	15"	6"	6" x 8" TEE	426	440	10	10	10	10	426	440	10	10	10	10	426	440	10	10	426	440	10	10	426	440	10	10	426	440	10	10
10-D	709+58	RT	0.2	4:1	4:1	3.5	168	6	8"	15"	15"	6"	6" x 8" TEE	426	440	10	10	10	10	426	440	10	10	10	10	426	440	10	10	426	440	10	10	426	440	10	10	426	440	10	10
11-D	709+58	RT	0.4	4:1	4:1	5.0	93	6	8"	15"	15"	6"	6" x 8" TEE	426	440	10	10	10	10	426	440	10	10	10	10	426	440	10	10	426	440	10	10	426	440	10	10	426	440	10	10
12-D	709+58	RT	0.8	4:1	4:1	8.0	261	6	8"	15"	15"	6"	6" x 8" TEE	426	440	10	10	10	10	426	440	10	10	10	10	426	440	10	10	426	440	10	10	426	440	10	10	426	440	10	10
13-D	709+62	RT	1.0	4:1	4:1	10.0	261	6	8"	15"	15"	6"	6" x 8" TEE	426	440	10	10	10	10	426	440	10	10	10	10	426	440	10	10	426	440	10	10	426	440	10	10	426	440	10	10
14-D	709+62	RT	1.0	4:1	4:1	10.0	261	6	8"	15"	15"	6"	6" x 8" TEE	426	440	10	10	10	10	426	440	10	10	10	10	426	440	10	10	426	440	10	10	426	440	10	10	426	440	10	10
15-D	707+50	RT	1.0	4:1	4:1	10.0	261	6	8"	15"	15"	6"	6" x 8" TEE	426	440	10	10	10	10	426	440	10	10	10	10	426	440	10	10	426	440	10	10	426	440	10	10	426	440	10	10

(P) PAVEMENT

REF. NO.	STATION	FROM	TO	SIDE	REIN. CONC. APPROACH (SLAB) S.Y.	TOTAL
I-7	707+357	707+357	707+498.57	LT	67	67
I-P	707+61.61	707+66.16	RT	67	67	
3-P	709+1163	709+3663	LT	67	67	
4-P	709+2404	709+4904	RT	67	67	
					268	

(R) ROADWAY

REF. NO.	STATION	FROM	TO	SIDE	I-15 RAILSTEEL BARRIER BEAM TYPE (DEEP)		TOTAL
					NO. 2-B	NO. 2-B	
I-R	706+00	706+00	708+00	LT	187.5	187.5	375.0
2-R	706+00	708+00	RT	187.5	187.5	375.0	
3-R	702+45	704+50	RT	225	225	450.0	
4-R	707+50	707+50	RT	300	300	600.0	
5-R	709+42	710+00	LT	50	50	100.0	
6-R	709+35	710+00	RT	62.5	62.5	125.0	
7-R	709+41	710+00	RT	50	50	100.0	
8-R	709+37	710+00	RT	62.5	62.5	125.0	
						1125.0	

STATION	DEPTH OF SODDING FT.	WIDTH OF SODDING FT.	LENGTH FT.	AREA S.Y.
704+00	0.1	4:1	150	63
705+50	0.3	4:1	262	167
708+12	0.6	4:1	150	146
710+00	1.0	4:1	100	376
			SUBTOTAL	746
705+00	0.2	4:1	355	168
708+55	0.4	4:1	93	93
709+07	0.8	4:1	80	261
710+00	1.0	4:1	100	376

EXCAVATION = 2,722 C.Y.  
EMBANKMENT = 45,063 C.Y.  
EMBANKMENT \* 22 = 54,977 C.Y.