2	OHIO	I-1103(15)	

LAKE COUNTY
LAK-1-26.51
ASHTABULA COUNTY
ATB-1-0.00

Tacked Hub, 26.10', C.H.2, 166.2', Shiner, RR Spike, 173.5', Tacked Hub, 1182.02' to P.I. Old Alignment, 1182.02' to P.I. Ashtabula Co. Alignment

119+07.39 back (Lake Co.)
= 0+44.61 ahead (Ashtabula Co.)
= 20+72.94 ℄ County Line Rd.

For County Line Rd. Details & Proposed Structure Data See Sht. Nos. 69-72

CURVE DATA
D = 0°28'
Δ = 16° 37' 53" Lt.
L = 3563.86'
T = 1794.32'
E = 130.45'
R = 12277.67'
P.I. = 5+00.08 (Ashtabula Co.)

P.I. 5+00.08, 49.64', 98.50'

Tacked Hub, 57.22', M.P.C. 4+87.49, Tacked Hub, 52.36', 55.40', Tacked Hub, Tacked Hub

Orchard, Old Vineyard, Old Vineyard, Brush & Small Trees

Sod d=0.25' Width=6'
Sod d=0.25' Width=10'
Sod d=0.32' Width=9'
Sod d=0.30' Width=7'
Sod d=0.02' Width=6'

ft. 812.50, ft. 810.82, 2-8"-I-3 ft. 810.0, 147'~18", 269'~18", 60° or Tan to Curve, 35', 100'~18", 12" V.C.P., 22', 19', 93.05', N 35° 31' 57" E, N 68° 58' 00", 6,132.3

ft. 809.9 8"-I-3, ft. 808.50, ft. 807.37, ft. 809.97, ft. 806.75 2-8"-I-3, ft. 807.62, ft. 809.50, ft. 807.37, ft. 807.14 8"-I-3

Uncultivated

On main tangent
119+00.00 back
= 0+37.22 ahead
= 20+00 County Line Rd.

(G) GUARD RAIL

Ref. No.	Station From	Station To	Side	Steel Beam Type (deep) Lin. Ft.
1-G	118+37.83	117+26.61	Lt.	137.5
2-G	3+23	7+23	Lt.	250.0
3-G	10+70	12+00	Lt.	130.0
4-G	117+39.39	0+54.11	Rt.	137.5
5-G	4+12	5+87	Rt.	175.0
6-G	9+12	10+87	Rt.	175.0
7-G	118+33.04	0+33.31	Med.	62.5
8-G	118+58.9	0+58.6	Med.	62.5
	Total			1130.0

(D) DRAINAGE

* Note: See Sht. # 111 for Details

Ref. No.	Station From	Station To	Side	I-2 C.I. "A" Storm Sewer Under Fdn't. Sec MC-6(b) or MC-8(b) 18"	I-2 C.I. "A" Storm Sewer Under Fdn't. Sec MC-6(b) or MC-8(b) 24"	I-2 15" Class "A" Storm Sewer	I-2 C.I. "B" Storm Sewer	I-3 8" CMP Outlet Pipe	I-4 6" Pipe Underdrains	I-5 6"-90° Bend	I-5 6"-90° Bend	I-5 6"-60° Wye	I-5 6"x8" Increaser	I-5 8"x8"-6" Tee	I-8 Std. No. 4 Catch Basin	I-8 Std. No. 1 Manhole	S-1 Conc. for Struct. Cl. "C"	S-4 Reinf. Steel
				Lin. Ft.						Each						Each	Cu. Yds.	Lbs.
1-D	116+00	121+00	7' Lt.					10	1528		1	1						
2-D	116+00	121+00	37' Lt.					10	1484	1								
3-D	116+00	121+00	37' Rt.					10	1484	1								
4-D	116+00	121+00	7' Rt.					10	1515		1	1						
5-D	117+40		Rt.	56				10			1		1	1				
6-D	117+40		Lt.	56				10			1		1	1				
7-D	117+40	3+00	Med.				416								1	1		
8-D	3+00		Lt.		104										1		3.2	186
9-D	10+65	10+77	Med.			10									1			
	Totals			112	104	10	416	60	6015	2	4	2	2	2	3	1	3.2	186

(B) BARRIER RAIL

Ref. No.	Station From	Station To	Side	Steel Beam Type (deep) Lin. Ft.
1-B	0+93.1	1+18.1	Med.	25
2-B	118+33.9	118+58.9	Med.	25
	Total			50

STRUCTURES 20' SPAN & UNDER

Str. No.	Station	Proposed Type	Size	Lgth.	Details on Sheet
20	5+55	Pipe	36"	218'	96
21	10+77.5	Pipe	36"	200'	97

(D) DRAINAGE

Ref. No.	Station From	Station To	Side	C-10 Sodding Sq. Yds.
10-D	116+00	117+00	Lt.	67
11-D	3+00		Med.	78
12-D	1+00	3+00	Lt.	134
13-D	3+00	3+51	Lt.	279
14-D	4+00	5+48	Rt.	132
15-D	5+39	6+00	Rt.	109
16-D	5+66	6+00	Lt.	156
17-D	10+00	10+70	Lt.	47
18-D	6+65	10+70	Med.	53
19-D	9+00	10+00	Rt.	67
20-D	10+35	12+00	Rt.	95
21-D	116+00	117+40	Med.	39
	Totals			1271

+40 Std. No. 4 C.B. on ℄
+90 Std. No. 1 M.H. 15' Lt. of ℄
-0.30%
℄ Grade El. 818.17
147'~18" @ 0.30%
Inv. El. 808.74
C.B. ℄ El. 809.18
119+07.39 Lake Co. back
= 0+44.61 Ashtabula Co. ahead

+100 Std. No. 4 C.B. on ℄ 815.02
+100 Std. HW-1 107 Lt. of ℄
℄ Grade El. 810.90
269'~18" @ 0.30%
C.B. ℄ El. 807.88
Inv. El. 807.93
Inv. El. @ Hdwl. 806.75
Inv. El. 805.80 (S)
Inv. El. 800.79 (N)

+63 Std. No. 4 C.B. on ℄ to 36"x15° Tee
+75 Connect I-2 to
-0.30%
℄ Grade El. 808.60
C.B. ℄ El. 806.00
Inv. El. 804.29 (S)
Inv. El. 802.00 (N)
Inv. El. 804.34

BM RR Spk. in 24" Maple
Sta. 0+44 20' Lt.
Elev. 818.640

BM Nail in ℄
Sta. 10+50 25' Lt.
Elev. 810.533

Excavation =	18,057	Cu. Yds.
Embankment =	26,130	Cu. Yds.
Embank. +20% =	31,356	Cu. Yds.

820
810
800

816.76, 816.46, 816.16, 815.86, 816.4, 820.8, 820.5, 817.40, 817.10 +99
817.70, 813.7, 812.9, 811.0, 811.5, 806.8, 805.8, 809.2, 813.6, 811.7, 806.3, 805.7, 805.6
813.57, 813.27, 812.97, 812.67, 812.37
116, 117, 118, 119, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12

Revised 10/2/57 MHJ

116+00 (LAK) - 12+00 (ATB)