FED. RD. DIVISION	STATE	PROJECT	
2	OHIO	I-1103 (19)	

26
312

LAKE COUNTY
LAK-I-2.16

~LEGEND~
1. Standard Longitudinal Joint
2. Standard Key Joint Without Tie Bars
3. Expansion Joint Without Dowels (loc. on rad. lines.)
4. Expansion Joint With Dowels

BEGIN SHEET STA. 174+00

END SHEET STA. 186+00

Light Woods

10' Paved Berm

5' Paved Berm

Nail & Cap in 8" Hickory
N 27°30' W 27.53'

Nail & Cap in 8" Elm
N 32°30' E - 27.14'

N 54°09'42" E

P.O.T. Sta. -177+89.72

Nail & Cap in 4" Elm
S 73°30' E 27.59'

12" Elm

Abandon

5' Paved Berm

NOTE: For Rate of Transverse Slope of Paved Berm, See Special Curb Detail Sheet No. 8

Paved Berm

Special Curb

Detail 'D'

Apple Orchard

Abandon Loose Road

Paved Berm

RAMP "F"

Taper 1' in 48'

P.I. Sta. 101+50

B.M. No. 30-A
Spike in Root 18" Mulberry tree. 240' Rt. Sta. 181+00
Elev. 741.735

P.I. Sta. 8+51.03
Δ = 7°58'18" Rt.
D = 2°00'
R = 2,864.79'
T = 199.61'
L = 398.58'
E = 6.95'

Sta. 191+50

G" I-4

P.T. Sta. 179+60
P.C. Sta. 175+62

	175	176	177	178	179	180	181	182	183	184	185
North Bound Lanes	713.62	714.02	714.42	714.82	714.91	714.98	715.04	715.07	715.08	715.08	715.06
South Bound Lanes	705.64	706.02	706.40	706.78	706.87	706.93	706.99	707.01	707.03	707.02	707.03

	175	176	177	178	179	180	181	182	183	184	185
North Bound Lanes	715.02	714.96	714.88	714.70	714.67	714.54	714.38	714.21	714.02	713.81	713.58
South Bound Lanes	707.02	706.99	706.94	706.80	706.77	706.58	706.45	706.29	706.12	705.92	705.71

	175	176	177	178	179	180	181	182	183	184	185
North Bound Lanes	713.34	713.07	712.79	712.48	712.16	711.82	711.46	711.08	710.69	710.27	709.84
South Bound Lanes	705.48	705.23	704.96	704.68	704.37	704.05	703.70	703.34	702.97	702.57	702.15

	175	176	177	178	179	180	181	182	183	184	185	186
North Bound Lanes	709.38	709.01	708.61	708.42	708.30	708.30	708.42	708.61	709.01	709.38	709.72	710.02
South Bound Lanes	701.72	701.26	700.76	700.30	699.80	699.30	698.80	698.30	697.80	697.30	696.80	696.30

North Bound Lanes

South Bound Lanes

P.I. Sta. 181+00
Elev. 716.42

Std. No. G C.B. 136.7' Rt. ℄ Sta. 183+03
℄ Grate 711.42
℄ 14" X 23" I-2 @ C.B. 707.7

Std. No. G C.B. 136.7' Rt. ℄ Sta. 183+45
℄ Grate 710.79
℄ 14" X 23" I-2 @ C.B. 706.72
Type 'A' Hdwl.
178 Lt. ℄ Sta. 183+45
℄ 14" X 23" I-2 @ Hdwl. 706.16

	177	178	179	180	181	182	183	184	185	186
North Bound Lanes	736.2	742.8	743.0	748.1	750.9	750.2	750.8	750.2	736.2	738.3
South Bound Lanes	733.8	742.0	748.0	736.4	732.4	732.7	732.8	735.9	736.2	738.1

	174	175	176	177	178	179	180	181	182	183	184	185	186
North Bound Lanes	713.2	729.0	731.8	736.2	742.8	743.0	748.1	750.9	750.2	750.8	750.2	751.7	732.3
South Bound Lanes	725.0	728.6	732.7	733.8	742.0	748.0	736.4	732.4	732.7	732.8	735.9	736.2	738.1

P.I. Sta. 177+71.00

P.T. Sta. 183+45

P.C. Sta. 183+45

P.T. Sta. 185+00

+0.90%

+0.38%

-2.00%

-2.00%

℄ 716.7

℄ 730.2

℄ 737.5

G-I-4 P.I. N.B. Lanes See X-Sections

+258 ℄ G-I-4 ℄ Rt. 718.1

+42 ℄ 8" Outlet 213 ℄ Rt. 714.4

+80 ℄ G-I-4 N.B.O.S. 711.13

+50 ℄ G-I-4 N.B.O.S. 708.95

+42 ℄ G-I-4 N.B.O.S. 708.70

+48 ℄ G-I-4 N.B.O.S. 706.81

℄ 8" Outlet Rt. 706.16

+20 ℄ G-I-4 S.B.O.S. 703.11

+25 ℄ G-I-4 S.B.O.S. 703.11

+75 ℄ G-I-4 S.B.O.S. 702.20

+00 ℄ G-I-4 S.B.O.S. 701.72

1-R 1-O 2-D 3-D 4-D 5-D 6-D 7-D 1-MD

ROADWAY

Ref. No.	Station From	Station To	Side ℄	I-15 Grd. Rail Dwg. 2-A Lin. Ft.
1-R	174+00	178+50	Lt.	450.0
		Totals		450.0

DRAINAGE

Item	Unit	Quantity	Station From	Station To	Side ℄	See Sheet No.	Ref. No.
Sodding	Sq. Yd.	3	183+03	183+46	Rt.	116	1-MD
Reinforcing Steel	Lbs.	186	178+25	183+25	Lt.		1-O
Conc. for Structures Class "C"	Cu. Yds.	3.3	178+00	183+00	Lt.		2-O
Drainage of Structures	Cu. Yds.	0.3	178+80	183+80	Rt.		3-O
Std. No. G C.B.	Each	2	180+50	183+42	Rt.	256	4-O
Pipe Spec. Underdrain Conc.	Bndl. Feet	1	178+00	186+00	Rt.		5-O
Pipe Outlet for Underdr. Sec. M.6.4 (A)	8"	10	183+50	186+00	Rt.		6-O
Underdrain Sec. M.6.4 (A)	6"	325	183+42	186+00	Rt.		7-O
		781					
		480					
		308					
Underdrain Shallow	6"	100					
Underdrain Deep	6"	1124					
Cross Sloping Gutter under Fill or Appr. Sec. M.6.6.2 (B)	Lin. Ft.	82					
Excav. for Structures	Cu. Yds.	8					

Total

Sodding	L-10	Sq. Yd.	3	308
Reinforcing Steel	S-4	Lbs.	186	186
Conc. for Structures Class "C"	S-1	Cu. Yds.	3.3	3.3
Drainage of Structures	S-20	Cu. Yds.	0.3	0.3
Std. No. G C.B.	I-8	Each	2	2
Pipe Spec. Underdrain Conc.	I-5	Bndl. Feet	1	1
Pipe Outlet for Underdr. Sec. M.6.4 (A)		8"	10	20
Underdrain Sec. M.6.4 (A)	I-4	6"	1432	2187
Underdrain Shallow		6"	100	100
Underdrain Deep		6"	1124	1124
Cross Sloping Gutter under Fill or Appr. Sec. M.6.6.2 (B)	I-2	Lin. Ft.	82	82
Excav. for Structures	E-2	Cu. Yds.	8	8

MICHAEL BAKER JR., CONSULTING ENGINEERS
ROCHESTER, PENNSYLVANIA

STATE OF OHIO
DEPARTMENT OF HIGHWAYS
STATE HIGHWAY NO. I
C-43
PLAN AND PROFILE
STA. 174+00 TO STA. 186+00

Designed	Drawn	Traced	Checked	Reviewed Date	Revised
B.P.	A.L.H.	K.A.	R.E.F.		

PLAN & PROFILE STA. 174+00 TO STA. 186+00