FED. RD. DIVISION	STATE	PROJECT	
2	OHIO	I-1102 (6)	

220
458

CUYAHOGA & LAKE COUNTIES
CUY-I-15.91
LAK-I- 0.00

P.I. opposite Sta. 33+28.12
Δ = 1°27'45"
D = 0°32'
R = 10,742.96'
T = 137.12'
L = 274.22'
E = 0.88'

Station	Offset Dist. to ℄ Lt. & Rt.
31+91	7.00
32+00	7.00
+25	6.95
+50	6.84
+75	6.67
33+00	6.45
+22	6.20

Sta. 32+75 Wilson Mills Road =
Sta. 21+76.04 Ramp "C"
Sta. 1+10.66 Ramp "D"

BEGIN SHEET STA. 30+00

END SHEET STA. 148+35

Sta. 148+01.47 P.R.C.

Abandoned Gas Main

3 Wooden Rail Fence

10' Gravel Dr. (Abandon)

8" Asphalt Dr.

Underbrush Up to 3"

6" Gas Main Appx. 3' Cover

12" C.I. Water Main Appx. 6' Cover

1-R Existing 8" Conc. Slab, 16' Width, & 1¼" Bit. Surf. Tr.

24" C.I. Force Main San. Swr.

48" Storm Sewer

12" San. Sewer

18" V.C.P. San. Sewer

℄ 0°32' Curve

3'R. to face Curb

40'R.

Inlet

3 Boulders

Shrubs

Maples

Cedars

Pines

Oak

Iron Pin

Gas Box

M.H.

M.B.

W.V.

F.H.

NOTE: Items shown in broken (— — —) lines to be constructed under separate contract.

EQUATION:
Sta. 33+22 Bk. = Sta. 146+58.28 Ah.
END WORK

AINTREE ROAD

2-Story Fr. Hse.

LEGEND

① Standard Longitudinal Joint
② Standard Key Joint Without Tie Bars
③ Expansion Joint Without Dowels (loc. on radial lines)
④ Expansion Joint With Dowels
⑤ Standard Key Joint With Tie Bars.

B.M. No. 3
R.R. Spike in Power Pole #G412
20'Rt. Sta. 31+72
Elev. 995.913

ROADWAY & PAVEMENT

Ref. No.	Station From	Station To	Side ℄	E-8 Removal of Exist. Pavement Sq. Yds.	I-12 6"&7" Integral Conc. Curb as per plan Lin. Ft.	I-21 Std. Type 1 Portland Cement Concrete Median Pavement Sq. Yds.
1-P	30100	33122	Rt. & Lt.	572		
2-P	30100	32158.50	Rt.		228.5	
3-P	30100	32+03	Lt.		203.0	
4-P	32+98	33122	Lt.		94.0	
5-P	30100	31+02.50	Lt.		386.7	
6-P	32+75	33122	Rt. & Lt.		97.8	
7-P	30100	31+92	Lt.			42.6
Totals:				572	942.0	42.6

DRAINAGE

Ref. No.	Station From	Station To	Side ℄	Case "B" Storm Sewer Under Pav't. or Approaches Encased at pipe joints 12" 18" Lin. Ft.	Pipe Removed 12"-24" Lin. Ft.	Pipe Removed Over 15" Lin. Ft.	Pipe Removed 15"-6' Under Lin. Ft.	Manholes Abandoned 1-F6 Each	Manholes adjusted to Grade 1-F8 Each	Catch Basin Std. 3A (Mod.) (Modified) Each	Manholes Standard Std. M-4.4 (A) Each	Pipe Culvert Under Pavement 8" Lin. Ft.	Underdrain 6" Lin. Ft.	Pipe Culvert 12" 18" 24" Lin. Ft.
1-D	30100	30117	Rt.						1				7	10
2-D	30100	30117	Lt.						1				7	10
3-D	30100	30195	Rt.						1				178	30
4-D	30117	32125	Rt.						1				138	10
5-D	30117	32125	Lt.						1				28	10
6-D	30195	31161	Rt.						1					60
7-D	31161	32126	Rt.				17							70
8-D	32120	32125	Rt.						1					
9-D	32125	32126	Rt.						1					
10-D	32126	33122	Rt.						1					
11-D	32126	33122	Lt.						1					
12-D	33122	33188	Rt.						1					
	33122	33188	Rt. & Lt.						1					
	30117	32125	Lt.			95								
1-P	30100	30117	Rt.						1					
2-P	30117	30195	Rt.						1					
3-P	30100	30195	Lt.						1					
4-P	30195	32125	Rt.						1					
5-P	30117	32125	Lt.						1					
6-P	32125	32126	Rt. & Lt.						1					
7-P	32126	32156	Rt.				19							
8-P	32122	32156	Lt.						1					
9-P	30195	30200	Rt.						1					
10-P	30200	30117	Lt.						1					
11-P	30195	30117	Lt.						1					
12-P	30117	32125	Rt. & Lt.						1					
13-P	32125	32156	Rt.						1					
14-P	32125	32156	Lt.						1					
15-P	32156	33122	Rt.				227							
16-P	32156	33122	Lt.						1					
17-P	30195	30200	Rt.						1					
18-P	30200	30117	Lt.						1					
19-P	30117	32203	Lt.						1					
20-P	32203	32+93	Lt.						1					
Totals:														

Sheet No. 350

Profile of Existing Ground Line & Proposed Grade Line

-0.40%
Existing 15" Storm Sewer
Existing 24" C.I. San. Force Main
Existing 12" San. Sewer
F.G. 993.06
F.G. 992.51
-1.42%
150 F.G. 991.80
F.G. 991.08
℄ El. 987.63

Sta. 32+03 - 33.5' Lt.
Std. No. 3-A Catch Basin (Mod.)
℄ El. 12" I-2 @ C.B. 990.76

Sta. 32+25 - 33.5' Rt.
Std. No. 3-A Catch Basin (Mod.)
℄ El. 12" I-2 @ C.B. 990.05

Sta. 32+25 - 41' Rt.
Std. No. 1 Manhole (Mod.)
℄ El. 12" I-2 @ M.H. 989.93
℄ El. 18" I-2 @ M.H. 989.43
℄ El. 24" I-2 @ M.H. 988.30
200' V.C.

Sta. 30+17 - 34' Lt.
Std. No. 3-A Catch Basin (Mod.)
℄ El. 12" I-2 @ C.B. 991.67

Sta. 30+17 - 34' Rt.
Std. No. 3-A Catch Basin (Mod.)
℄ El. 12" I-2 @ C.B. 990.98

Sta. 30+17 - 41' Rt.
Std. No. 1 Manhole (Mod.)
℄ El. 12" I-2 @ M.H. 990.86
℄ El. 18" I-2 @ M.H. 990.36

Att. Sta. 31+63.72
Equation: Sta. 33+22 Bk. = Sta. 146+58.28 Ah.
Att. Sta. 147+00

1000
990
980
970

30 31 32 33 147 +50 148

MICHAEL BAKER JR., CONSULTING ENGINEERS
ROCHESTER, PENNSYLVANIA

STATE OF OHIO
DEPARTMENT OF HIGHWAYS
STATE HIGHWAY NO. 1
C-41
WILSON MILLS ROAD, PLAN & PROFILE
STA. 30+00 TO STA. 148+35

Designed	Drawn	Traced	Checked	Reviewed Date	Revised
B.P.	K.A.	K.A.	L.I.		