FED. RD. DIST. NO	STATE	FED. AID PROJECT	FISCAL YEAR
	OHIO		

3/13

I.C.H. 153 SEC. H
LAKE COUNTY

Beginning of Project Sta. 71+00

Sta. 81+67 Extend present 36" stone culvert 4'6" on right - 20' on left See special plan

Sta. 94+00 Build new 10'x6' culvert Tear out old culvert See special plan

Sta. 100+35 Extend present 48" stone culvert 6'3" on right - 4'0" on left See Special Plan.

V.J. Hungerford
J.P. Higley
Sta. 75+89
20' Stone Arch
18' Roadway
No warm required

F.A. Hazen
D.L. Phelps

J.P. Higley
R.E. Potts

D.L. Phelps
J. Smallman

R.F. Potts
J. & C. Vargo

J. Smallman

J. & C. Vargo

Δ = 26°15'
D = 9°-08'
T = 164.46
R = 705.35
L = 323.15

Δ = 8°
D = 7°
T = 57.27'
R = 819.02'
L = 119.36'

Δ = 3°35'
D = 6°
T = 29.88'
R = 957.37'
L = 59.78'

S 88°-22' E

S 83°-38' E

S 70°-09' E

S 78°-12' E

S 88°-12' E

S 84°-15' E

Detail of Intersection
Scale 1"=20'
262 sq. yds.

Left Edge of Pav.	Left Width	Left Station	Grade Elev.	Right Width	Right Edge of Pav.
1070.42	8.00	76+89.5	1070.59	8.00	1070.42
1070.53	9.75	77+39.5	1070.70	8.00	1071.00
1071.04	11.2	77+89.5	1071.21	8.00	1071.79
1071.16	11.2	78+0	1071.33	8.00	1071.91
1071.94	11.2	78+50	1072.11	8.00	1072.69
1072.86	11.2	79+0	1073.03	8.00	1073.61
1074.20	11.2	79+50	1074.37	8.00	1075.95
1075.85	11.2	80+0	1076.02	8.00	1076.60
1076.28	11.2	80+12.5	1076.45	8.00	1077.03
1078.14	9.75	80+62.5	1078.31	8.00	1078.61
1080.43	8.00	81+12.5	1080.60	8.00	1080.43
103 sq yds extra pavement					

Left Edge of Pav.	Left Width	Left Station	Grade Elev.	Right Width	Right Edge of Pav.
1093.58	8.00	83+36.1	1093.78	8.00	1093.58
1094.76	8.00	83+50	1094.58	8.00	1094.41
1097.15	8.00	83+86.1	1096.52	9.52	1096.35
1097.91	8.00	84+0	1097.58	10.10	1097.11
1098.66	8.00	84+36	1099.03	10.80	1098.86
1100.34	8.00	84+50	1099.71	10.80	1099.54
1102.08	8.00	85+00	1101.90	9.52	1101.73
1103.67	8.00	85+50	1103.84	8.00	1103.67
37 sq yds extra Pavement					

B.M. Sta. 71+90
hole in top of large stone 24' L &
Elev. 1095.98

B.M. Sta. 73+02
spike in side of tree 26' L &
Elev. 1075.68

B.M. Sta 81+44
spike in side of tree 28' L &
Elev. 1080.96

B.M. Sta 84+00
spike in front of tree 25' R &
Elev. 1103.97

B.M. Sta 90+67
spike in RR of Stump 40' L &
Elev. 1116.17

B.M. Sta 93+90
mag. nail in N.E. cor. culv. 12' L &
Elev. 1131.31

B.M. Sta 100+35
mag. nail in S.E. cor. culv. 15' R &
Elev. 1135.36

Exc. 288.6 cu. yds.
Emb. +30% 275.6 cu. yds.
Waste 13 cu. yds.

Exc. 1140.7 cu. yds.
Emb. +30% 1137.1 cu. yds.
Waste 3.6 cu. yds.

Exc. 21.2 cu. yds.
Emb. +30% 18.2 cu. yds.
Waste 2.6 cu. yds.

Exc. 814.4 cu. yds.
Emb. +30% 795.0 cu. yds.
Waste 19.4 cu. yds.

-3.20%

+1.57%

+1.60%

+4.00%

-0.40%

P.C. 71+40 — 1096.42
P.I. 71+75 — 1094.54
P.C.C. 72+50 — 1091.61
P.I. 73+50 — 1087.62
P.T. 74+50 — 1083.47
P.C. 75+40 — 1080.03
P.I. 76+50 — 1077.35
P.I. 78+00 — 1075.37
P.T. 78+50 — 1073.77
P.C. 79+40 — 1072.37
P.I. 80+50 — 1071.37
P.C.C. 82+50 — 1070.76
P.I. 85+40 — 1068.97
P.I. 87+50 — 1070.55
P.T. 88+50 — 1070.74
P.C. 89+40 — 1071.33
P.I. 90+50 — 1072.11
P.I. 93+40 — 1073.03
P.T. 94+50 — 1074.37
P.C. 96+40 — 1076.02
P.I. 97+50 — 1077.76
P.T. 99+40 — 1079.37
P.C. 100+40 — 1082.48
P.I. 101+40 — 1085.31
P.T. 102+40 — 1088.45
1091.65
1094.58
1097.28
1099.71
P.I. 1105.10
1101.90
1103.84
1105.54
1106.93
1108.17
1109.10
1109.90
1110.70
1111.50
1112.30
1113.10
1113.90
1114.70
1115.50
1116.30
1117.25
1118.50
P.I. 1117.90
1120.05
1121.90
1123.90
1125.90
1127.90
1129.90
1131.72
1133.18
1134.25 P.I. 1133.90
1134.98
1135.32
1135.30
1135.10
1134.90
1134.68
1135.22 P.I. 1134.50
1135.93
1137.00
P.T. 102+40 — 1135.5
1134.8
1134.5
1134.1
1134.1
1133.8
1133.1
1131.6
1130.8
1130.3
1129.4
1128.8
1128.2
1127.4
1126.8
1126.2
1125.6
1125.0
1124.4
1123.8
1123.2
1122.6
1122.0
1121.4
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