

SR 39  
5

FED. ROAD DIST. N°	STATE	FED. AID PROJ. N°	FISCAL YEAR
10	OHIO	169	1920

I.C.H. NO 145 SEC K  
HOLMES COUNTY

1  
10

FILE NO.

File #498

STATE HIGHWAY DEPARTMENT OF OHIO  
BUREAU OF CONSTRUCTION

# SEC-K- MANSFIELD MILLERSBURG ROAD

I.C.H. N° 145      PET. N° 3943

## HOLMES COUNTY

WASHINGTON TOWNSHIP      1920

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The Standard Specifications of the State Highway Department of Ohio in force on date of contract will govern this improvement.

I hereby approve these plans and declare that the making of this improvement will require the closing to traffic of the highway and that detours will be provided as shown on the plans and estimates.

Approved: *W.W. Purdy*  
Date, 4-18-21 Resident Engineer

Approved: *Walter G. Smith*  
Date, 5-2-21 Division Engineer

Approved: *Ett S. Smith*  
Date, 5-4-21 Chief Highway Engineer

Approved: *Leon C. Herick*  
Date, 5-11-21 State Highway Commissioner

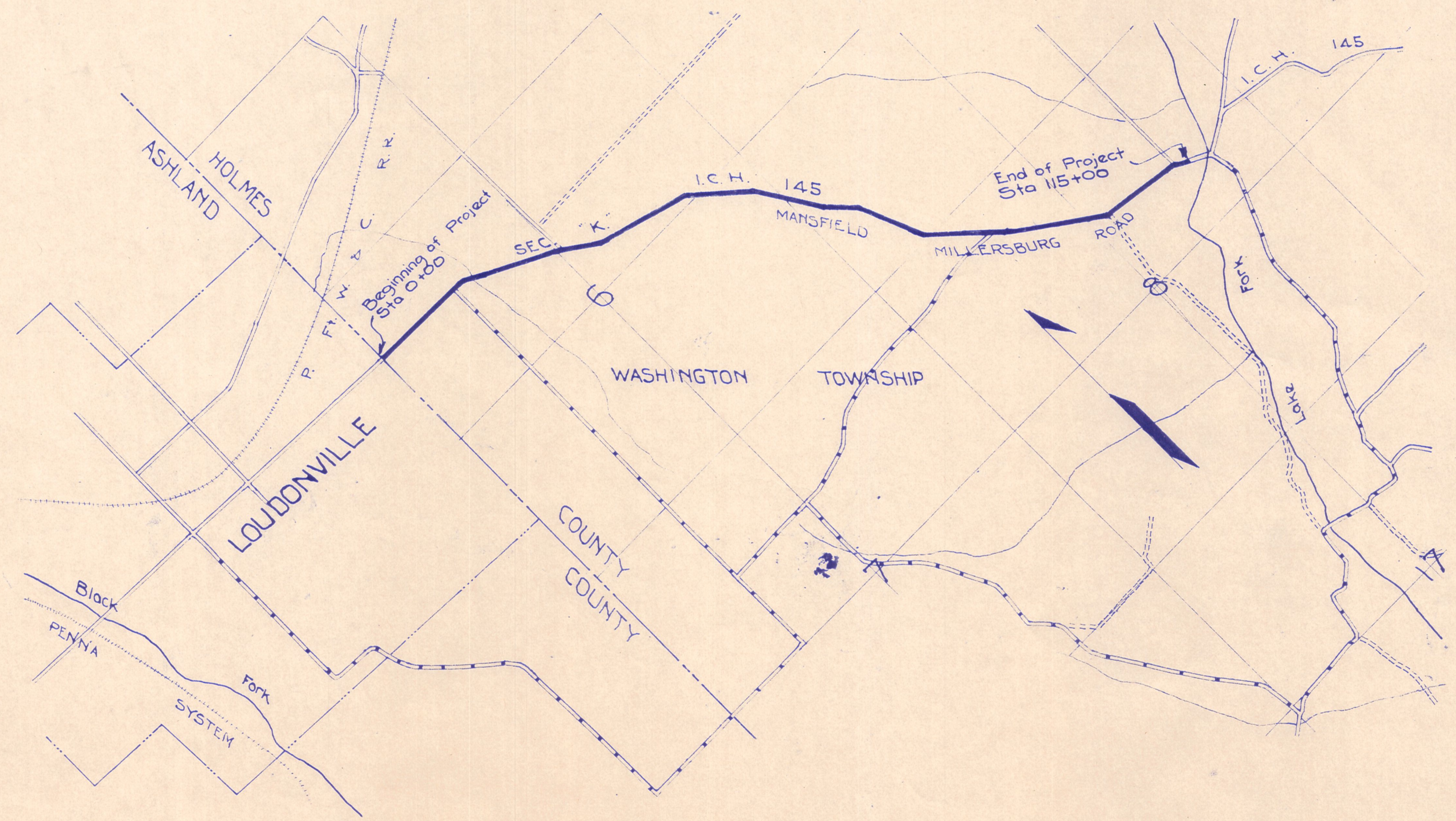
Recommended for Approval:  
Date, \_\_\_\_\_ District Engineer  
Bureau of Public Roads.

Recommended for Approval:  
Date, \_\_\_\_\_ Chief Engineer  
Bureau of Public Roads.

Approved: \_\_\_\_\_  
Date, \_\_\_\_\_ Chief of Bureau.

CONVENTIONAL SIGNS

- County Line \_\_\_\_\_
- Township Line \_\_\_\_\_
- Section Line \_\_\_\_\_
- Property Line not fenced \_\_\_\_\_
- Center Line \_\_\_\_\_
- Fence \_\_\_\_\_
- Steam Railroad \_\_\_\_\_



We, the Commissioners of Holmes County hereby approve these plans and certify that the right-of-way 60' wide except as shown on plans, is available for the construction, maintenance and repair of the above highway.

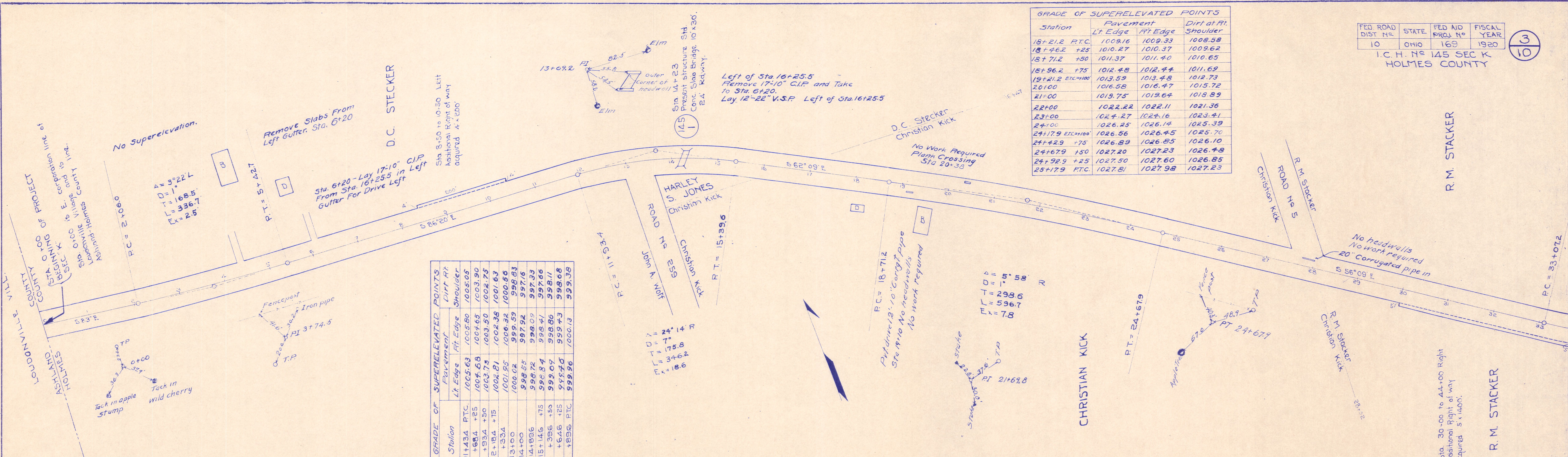
*John Burby*  
*J. L. Little*  
*Ed. Alse*

Date, 4-18-21 County Commissioners

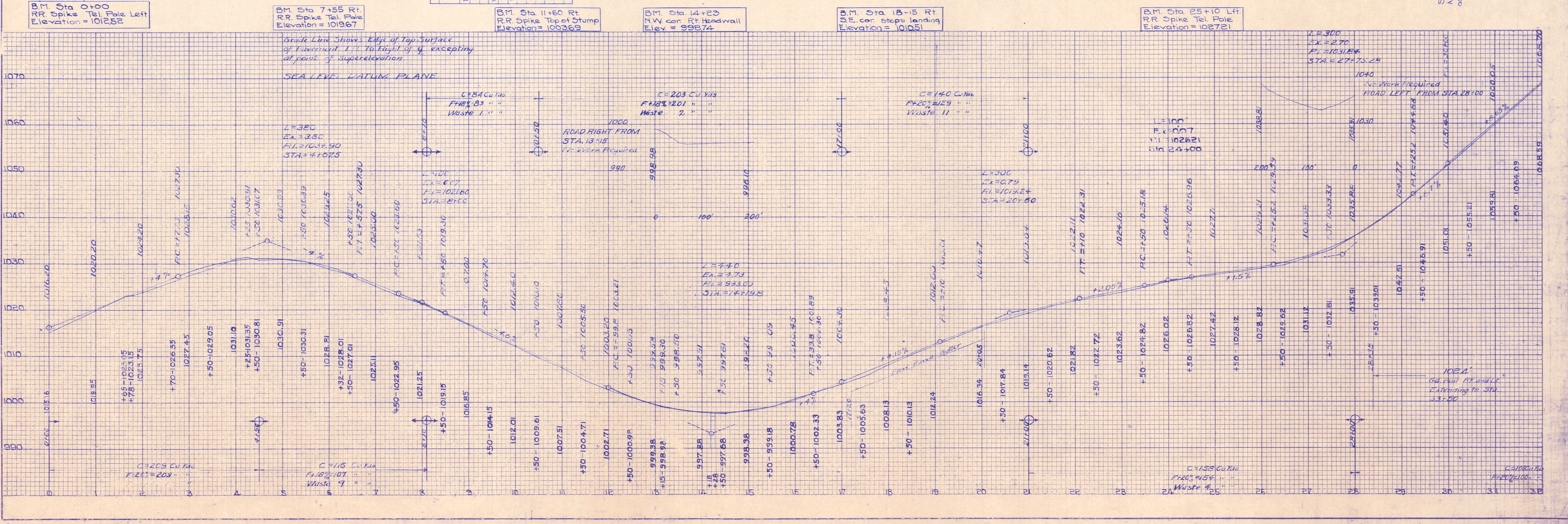
LOCATION PLAN  
Scale 4" = 1 Mile  
PORTION TO BE IMPROVED  
DETOUR

SCALES  
Plan 1" = 100'  
Profile (Horizontal) 1" = 100'  
Profile (Vertical) 1" = 10'  
Cross Sections 1" = 5'

Station	GRADE OF SUPERELEVATED POINTS	
	Pavement	Dirt at Ft. Shoulder
18+21.2 P.T.C.	1009.16	1009.33
18+46.2 +25	1010.27	1010.37
18+71.2 +50	1011.37	1011.40
18+96.2 +75	1012.48	1012.44
19+21.2 E.T.C.H.P.O.	1013.59	1013.48
20+00	1016.58	1016.47
21+00	1019.75	1019.64
22+00	1022.22	1022.11
23+00	1024.27	1024.16
24+00	1026.25	1026.14
24+17.9 E.T.C.H.P.O.	1026.56	1026.45
24+42.9 +75	1026.89	1026.85
24+67.9 +50	1027.20	1027.23
24+92.9 +25	1027.50	1027.60
25+17.9 P.T.C.	1027.81	1027.98



Station	Pavement	Dirt at Ft. Shoulder
11+434 P.T.C.	1005.63	1005.80
+1884 +25	1004.68	1004.65
+1934 +50	1003.73	1003.50
12+184 +75	1002.81	1002.38
13+00	1001.95	1000.56
14+00	1000.02	999.59
14+1856	998.05	997.92
15+1416 +75	996.72	998.09
+396 +50	995.84	998.41
+646 +25	995.07	998.86
+856 P.T.C.	994.56	999.73
	993.96	999.38



BM Sta 0+00  
RR Spike Tel. Pole Left  
Elevation = 101252

BM Sta 7+55 Rt.  
RR Spike Tel. Pole  
Elevation = 101967

BM Sta 11+60 Rt.  
RR Spike Top of Stump  
Elevation = 100363

BM Sta 14+23  
I.W. cor. RT. Headwall  
Elev. = 99574

BM Sta 18-15 Rt.  
I.W. cor. Steps landing  
Elevation = 101051

BM Sta 25+10 Lt.  
RR Spike Tel. Pole  
Elevation = 102721

L=300  
Fx=270  
Fl=103184  
Sta=27+75.25

L=100  
Fx=107  
Fl=102621  
Sta=24+00

L=300  
Fx=270  
Fl=103184  
Sta=27+75.25

L=100  
Fx=107  
Fl=102621  
Sta=24+00

L=300  
Fx=270  
Fl=103184  
Sta=27+75.25

L=100  
Fx=107  
Fl=102621  
Sta=24+00

L=300  
Fx=270  
Fl=103184  
Sta=27+75.25

L=100  
Fx=107  
Fl=102621  
Sta=24+00

L=300  
Fx=270  
Fl=103184  
Sta=27+75.25

L=100  
Fx=107  
Fl=102621  
Sta=24+00

L=300  
Fx=270  
Fl=103184  
Sta=27+75.25

L=100  
Fx=107  
Fl=102621  
Sta=24+00

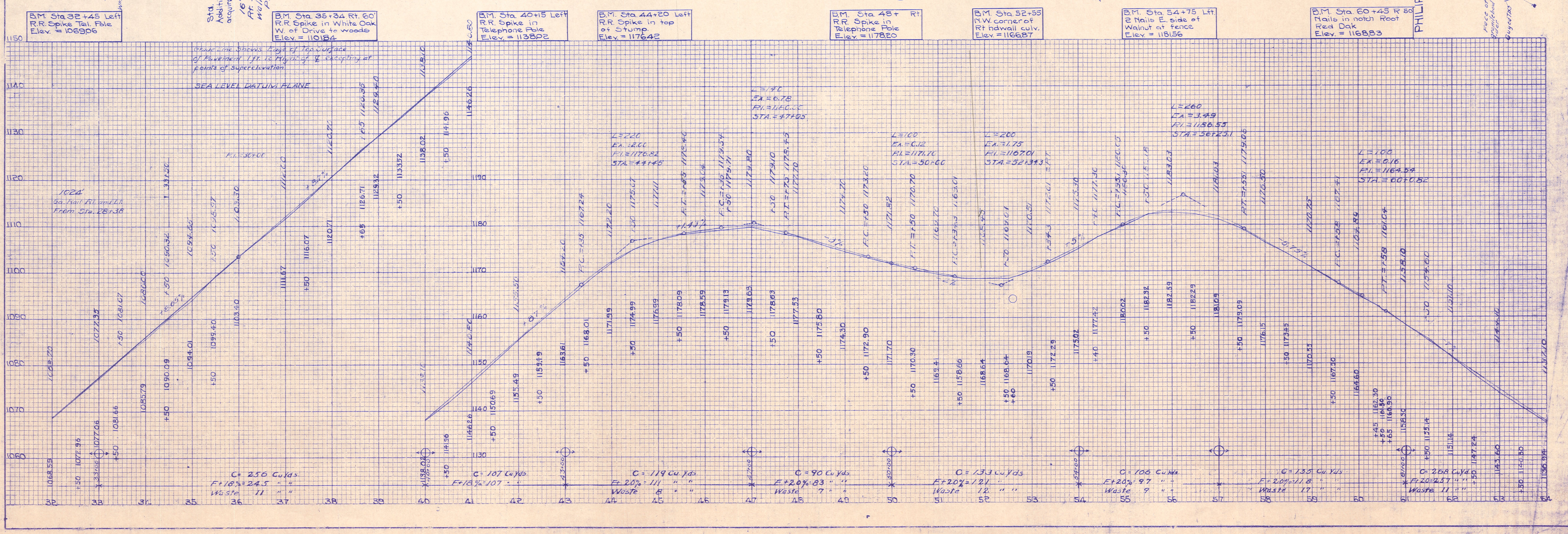
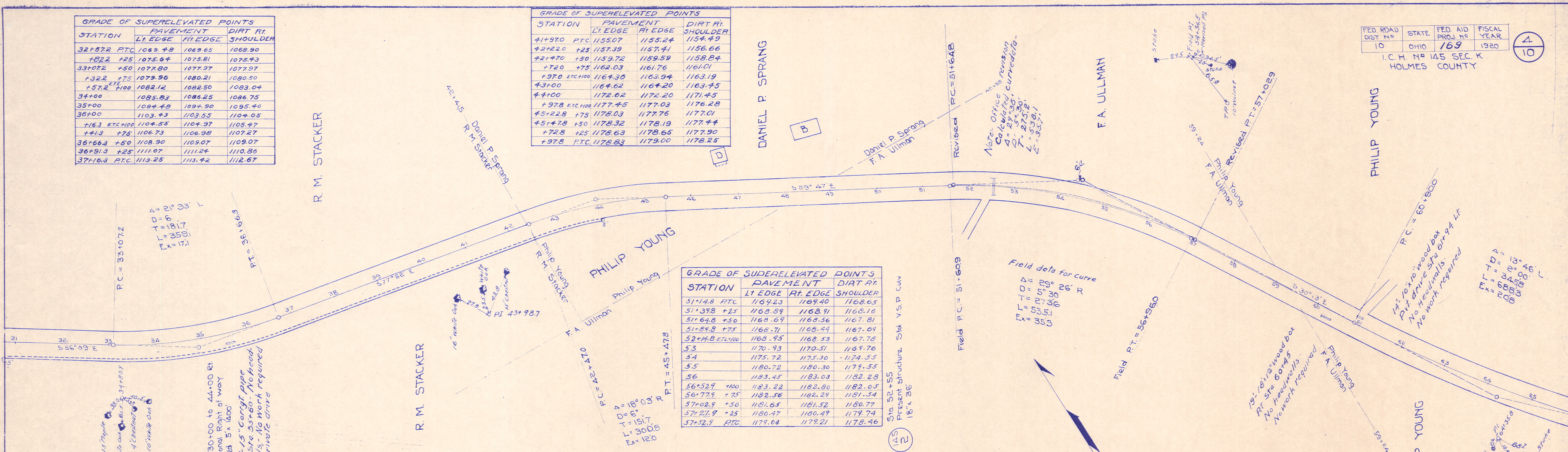
STATION	PAVEMENT		DIRT Rt. SHOULDER
	Lt. EDGE	Rt. EDGE	
32+57.2 P.T.C.	1089.48	1069.65	1068.90
+82.2 +25	1075.64	1073.81	1075.43
33+07.2 +50	1077.80	1077.97	1077.97
+32.2 +75	1079.96	1080.21	1080.50
+57.2 E.T.C.100	1082.12	1082.50	1083.04
34+00	1085.83	1085.25	1086.75
35+00	1094.48	1094.50	1095.40
36+00	1103.43	1103.55	1104.05
+16.3 E.T.C.100	1104.55	1104.97	1105.47
+1.3 +75	1106.73	1106.98	1107.27
36+66.3 +50	1108.90	1109.07	1109.07
36+91.3 +25	1111.07	1111.24	1110.86
37+16.3 P.T.C.	1113.25	1113.42	1112.67

STATION	PAVEMENT		DIRT Rt. SHOULDER
	Lt. EDGE	Rt. EDGE	
41+97.0 P.T.C.	1155.07	1155.24	1154.49
+2+22.0 +25	1157.39	1157.41	1156.66
+2+47.0 +50	1159.72	1159.59	1158.84
+72.0 +75	1162.03	1161.76	1161.01
+97.0 E.T.C.100	1164.30	1163.94	1163.19
43+00	1164.62	1164.20	1163.45
44+00	1172.62	1172.20	1171.45
+97.8 E.T.C.100	1177.45	1177.03	1176.28
45+22.8 +75	1178.03	1177.76	1177.01
45+47.8 +50	1178.32	1178.19	1177.44
+72.8 +25	1178.63	1178.65	1177.90
+97.8 P.T.C.	1178.83	1179.00	1178.25

STATION	PAVEMENT		DIRT Rt. SHOULDER
	Lt. EDGE	Rt. EDGE	
51+14.8 P.T.C.	1169.23	1169.40	1168.65
51+39.8 +25	1168.89	1168.91	1168.16
51+64.8 +50	1168.69	1168.56	1167.81
51+89.8 +75	1168.71	1168.44	1167.69
52+14.8 E.T.C.100	1168.95	1168.53	1167.78
53	1170.93	1170.51	1169.76
54	1175.72	1175.30	1174.55
55	1180.72	1180.30	1179.55
56	1183.45	1183.03	1182.28
56+52.9 +100	1183.22	1182.80	1182.05
56+77.9 +75	1182.56	1182.29	1181.34
57+02.9 +50	1181.65	1181.52	1180.77
57+27.9 +25	1180.47	1180.49	1179.74
57+52.9 P.T.C.	1179.04	1179.21	1178.46

FED ROAD DIST. NO. 10 STATE OHIO FED AID PROJ. NO. 169 FISCAL YEAR 1920  
I. C. H. No. 145 SEC. K HOLMES COUNTY

4  
10



$\Delta = 13^\circ 46' L$   
 $D = 21'$   
 $L = 688.3$   
 $T = 345.6$   
 $E_x = 20.8$

PHILIP YOUNG

W. H. & S. LIFER

WALTER I. LIFER

WALTER I. LIFER

STATION	PAVEMENT		DIRT RT. SHOULDER
	LT. EDGE	RT. EDGE	
60+40.0 PTC	1162.11	1162.28	1161.53
60+65.0 +25	1160.38	1160.55	1160.06
60+80.0 +50	1158.63	1158.80	1158.57
61+15.0 +75	1156.88	1157.05	1157.08
+40.0 <sup>75</sup> +100	1155.13	1155.34	1155.59
62	1150.93	1151.14	1151.39
63	1143.93	1144.14	1144.39
64	1136.93	1137.14	1137.31
65	1129.93	1130.14	1130.39
66	1122.93	1123.14	1123.31
+96.3 +100	1115.93	1116.14	1116.39
67+21.3 +75	1114.48	1114.64	1114.83
+16.3 +50	1112.82	1112.92	1113.05
+71.3 +25	1111.21	1111.26	1111.32
67+96.3 PTC	1109.65	1109.65	1109.65
68+21.3 +25	1108.21	1108.11	1107.92
+96.3 +50	1106.83	1106.67	1106.24
+71.3 +75	1105.51	1105.20	1104.64
+96.3 +100	1104.24	1103.82	1103.07
69	1104.05	1103.63	1102.88
70	1099.16	1098.74	1097.99
71	1095.17	1094.75	1094.00
+40.9 +100	1093.80	1093.38	1092.63
+65.9 +75	1092.89	1092.62	1091.87
+90.9 +50	1092.04	1091.91	1091.16
72+15.9 +25	1091.23	1091.25	1090.90
+40.9 PTC	1090.46	1090.63	1089.80

PHILIP YOUNG

B.M. Sta. 64+40 Rt. RR Spike Telephone Pole near Plot of Curve Elevation = 1138.84

B.M. Sta. 68+40 N.W. corner Right headwall of culvert Elevation = 1105.46

STATION	PAVEMENT		DIRT RT. SHOULDER
	LT. EDGE	RT. EDGE	
76+33.4 PTC	1080.61	1080.78	1080.03
76+58.4 +25	1079.96	1080.13	1079.75
76+83.4 +50	1079.31	1079.52	1079.48
77+08.4 +75	1078.66	1078.97	1078.21
+33.4 +100	1078.01	1078.43	1078.93
78	1076.20	1076.62	1077.12
79	1073.16	1073.58	1073.09
+58.8 +75	1072.29	1072.60	1072.09
+83.8 +50	1071.42	1071.59	1071.09
80+08.8 PTC	1070.60	1070.60	1070.84
+33.8 +25	1069.83	1069.59	1069.53
+58.8 +75	1069.05	1068.45	1068.62
+83.8 PTC	1068.24	1067.49	1067.66

Present structure. Extension to 24" x 36" corr. pipe with 12" of 8" V.S.P. and Extension to 15' Y with 10' of 12" V.S.P.  
Sta. 75+36.5  
B.M. Sta. 73+20 Lt. Nail in Notch Root of Stump Elevation = 1092.36

STATION	PAVEMENT		DIRT RT. SHOULDER
	LT. EDGE	RT. EDGE	
83+08.1 PTC	1056.35	1056.72	1055.97
83+33.1 +25	1055.34	1055.51	1054.96
+58.1 +50	1054.13	1054.34	1054.13
+83.1 +75	1052.90	1053.21	1053.28
84+08.1 +100	1051.67	1052.09	1052.59
85	1049.97	1047.39	1047.89
86	1041.59	1042.01	1042.51
+0.6 +100	1041.56	1041.98	1042.48
+25.6 +75	1040.17	1040.48	1040.55
+50.6 +50	1038.76	1038.97	1038.76
+75.6 +25	1037.34	1037.51	1036.96
87+0.6 PTC	1035.89	1036.06	1035.31

B.M. Sta. 75+80 N.W. corner Left headwall of culvert Elevation = 1082.58

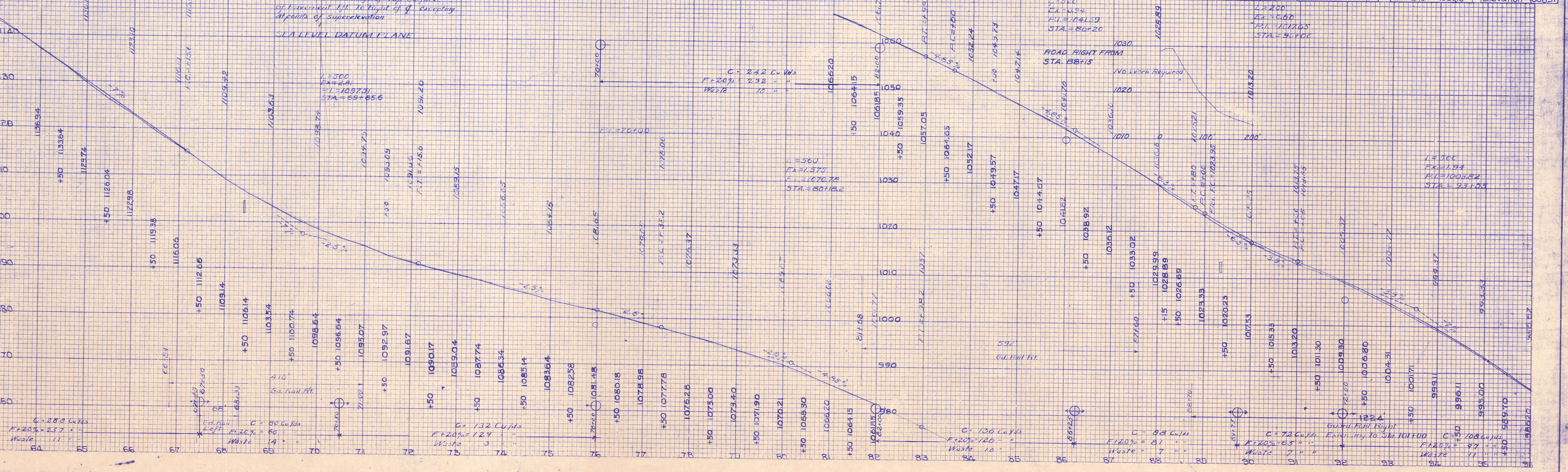
B.M. Sta. 78+20 Rt. RR Spike Telephone Pole Elevation = 1075.25

B.M. Sta. 81+90 Lt. Nails in Notch in Root Black Oak Elevation = 1066.22

B.M. Sta. 86+00 N.W. corner Left headwall of culvert Elevation = 1042.51

B.M. Sta. 89+35 N.W. corner Left headwall of culvert Elevation = 1029.16

B.M. Sta. 92+23 N.W. corner Left headwall of culvert Elevation = 1008.91



C = 288 Cu. Yds  
F = 20% = 2.32  
Waste = 11

C = 80 Cu. Yds  
F = 20% = .8  
Waste = 4

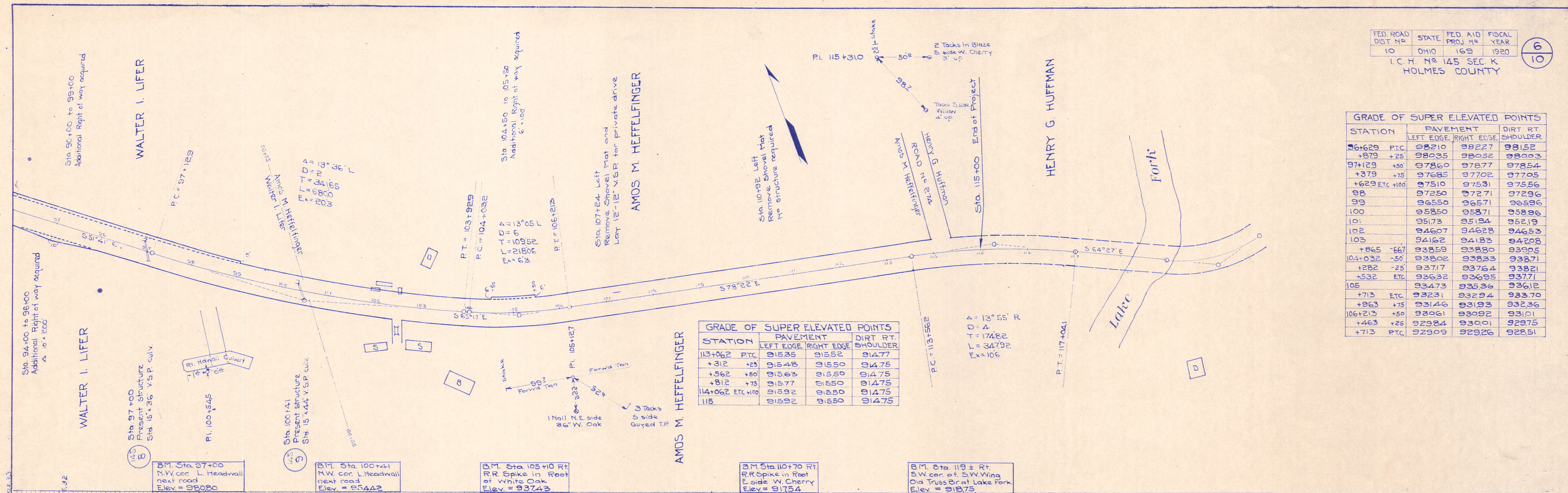
C = 132 Cu. Yds  
F = 20% = 1.24  
Waste = 3

C = 106 Cu. Yds  
F = 20% = .86  
Waste = 10

C = 83 Cu. Yds  
F = 20% = .81  
Waste = 7

C = 72 Cu. Yds  
F = 20% = .65  
Waste = 7

C = 108 Cu. Yds  
F = 20% = 1.24  
Waste = 11



STATION	PAVEMENT		DIRT RT. SHOULDER
	LEFT EDGE	RIGHT EDGE	
113+062 P.T.C.	91535	91552	91477
+312 +25	91548	91550	91475
+562 +50	91563	91550	91475
+812 +75	91577	91550	91475
114+062 ETC +100	91592	91550	91475
115	91592	91550	91475

STATION	PAVEMENT		DIRT RT. SHOULDER
	LEFT EDGE	RIGHT EDGE	
96+629 P.T.C.	98210	98227	98152
+879 +25	98035	98052	98003
97+129 +50	97860	97877	97854
+379 +75	97685	97702	97705
+629 ETC +100	97510	97531	97556
98	97250	97271	97296
99	96550	96571	96596
100	95850	95871	95896
101	95173	95194	95219
102	94607	94628	94653
103	94162	94183	94208
+865 +667	93859	93880	93905
104+032 -50	93802	93823	93871
+282 -25	93717	93764	93821
+532 ETC	93632	93695	93771
105	93473	93536	93612
+713 ETC	93231	93294	93370
+963 +75	93146	93193	93236
106+213 +50	93061	93092	93101
+463 +25	92984	93001	92975
+713 P.T.C.	92909	92926	92851

