

SR 39 35-A

STATE OF OHIO
DEPARTMENT OF HIGHWAYS AND PUBLIC WORKS
DIVISION OF HIGHWAYS
BUREAU OF CONSTRUCTION

FED. RD. DIST. NO.	STATE	FED. AID PROJECT	FISCAL YEAR
10	OHIO	301	1922

1/27

I.C.H. 145 SEC. J
HOLMES COUNTY

MANSFIELD-MILLERSBURG ROAD

I.C.H. No. 145 SEC. J PET. No. 4266

HOLMES COUNTY

KNOX-MONROE TWP.

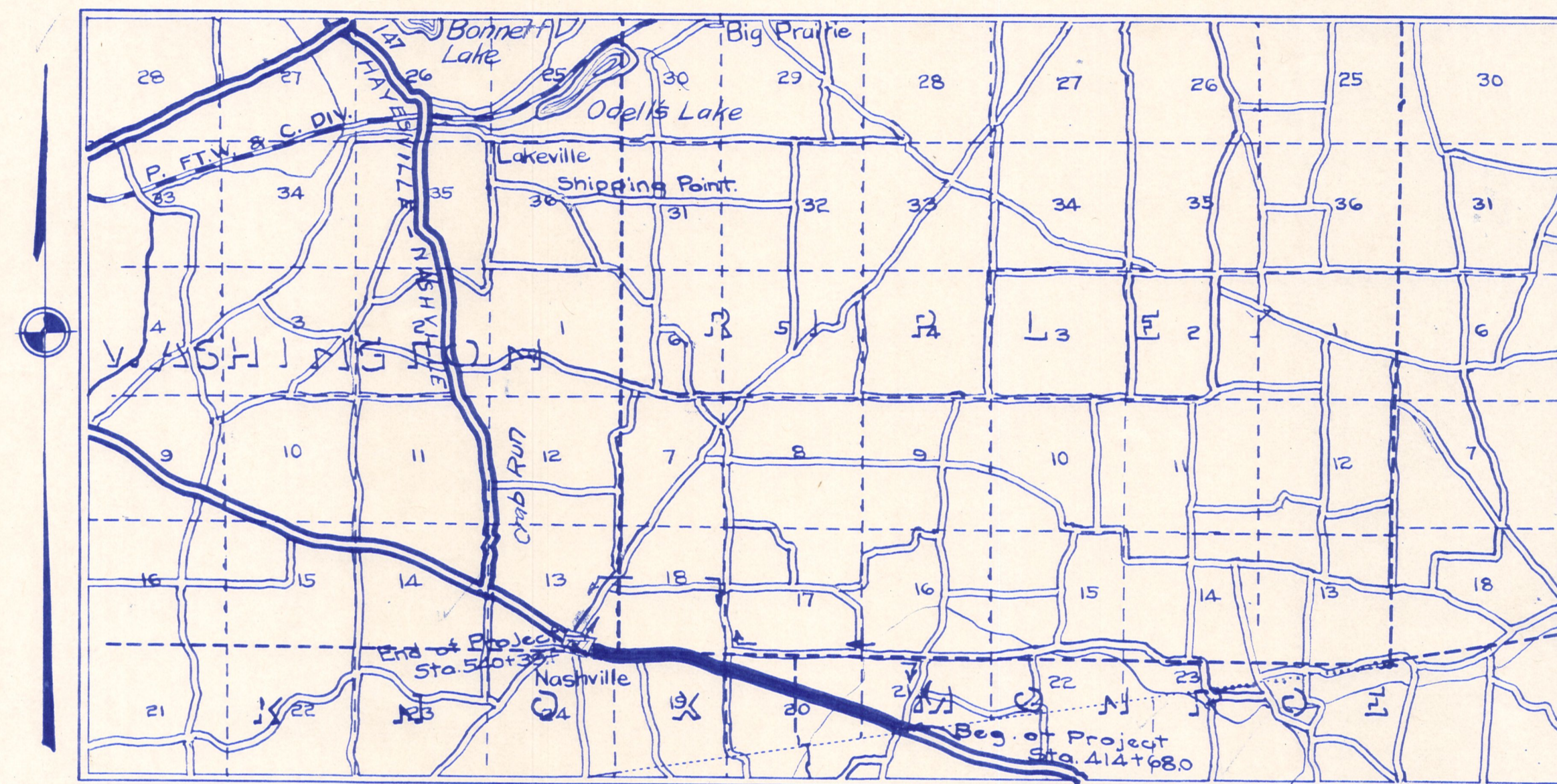
MAR. 1922

INDEX

Title Page	p. 1.
Typical Cross Section	p. 2a
Plans and Profile	p. 3-7.
Cross Sections	p. 8-23.
Structural Plans	p. 24-26.
Summary Sheet	p. 27.

CONVENTIONAL SIGNS

State line	-----
County line	-----
Township line	-----
Section line	-----
Property line not fenced	-----
Center line	-----
City or village line	-----
Fence	-----
Telephone or Telegraph	TTTTTTTT
Steam railroad	-----



LOCATION PLAN



PORTION TO BE IMPROVED

DETOURS SHOWN THUS

SCALES

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

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

D. J. Miller

F. A. Snyder

C. H. Allman

Date, 4-15-22 County Commissioners.

The Standard Specifications of the State of Ohio Division of Highways 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 plan and estimates.

Approved: *W. W. Purdy*
 Date, 4-12-22 Resident Engineer

Approved: *Wallace G. Smith*
 Date, 4-15-22 Division Engineer

Approved: *E. Blosser*
 Date, 2/6/23 State Highway Engineer

Approved: *Leon C. Gericks*
 Date, 2/6/23 Director of Highways and Public Works.

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.

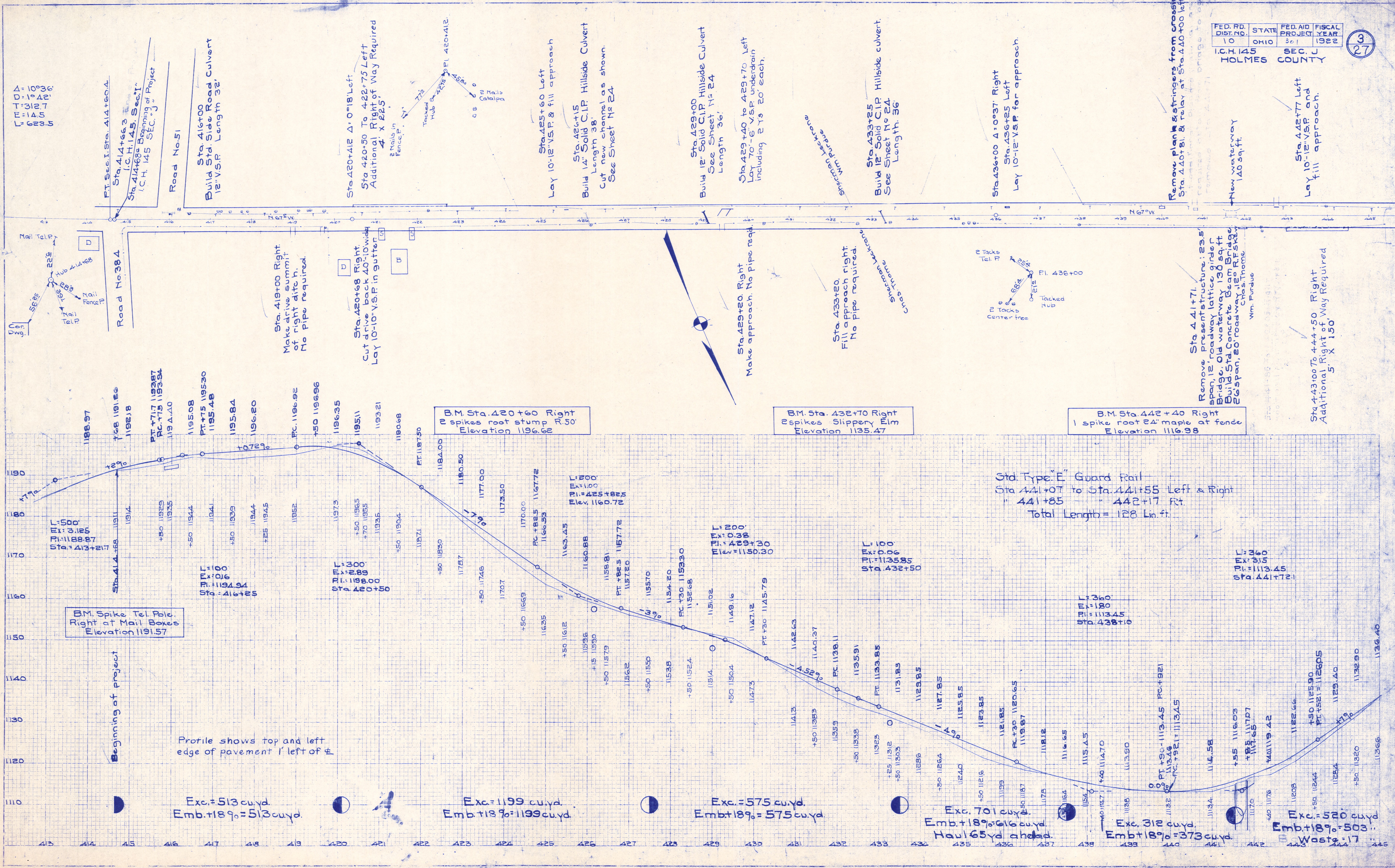
PLAN
 DRAWN BY: []
 CHECKED BY: []
 DATE: []

$\Delta = 10^{\circ}36'$
 $D = 1942.7'$
 $E = 145'$
 $F = 883.5'$

FED. RD. DIST. NO.	STATE	FED. AID PROJECT NO.	FISCAL YEAR
10	OHIO	301	1922

I.C.H. 145
 SEC. 1
 HOLMES COUNTY

3
 27



PROFILE
 DRAWN BY: []
 CHECKED BY: []
 DATE: []

B.M. Spike Tel. Pole. Right at Mail Boxes. Elevation 1191.57

B.M. Sta. 420+60 Right. 2 spikes root stump R.50'. Elevation 1196.68

B.M. Sta. 432+70 Right. 2 spikes Slippery Elm. Elevation 1135.47

B.M. Sta. 442+40 Right. 1 spike root 24' maple at fence. Elevation 1116.98

Std. Type "E" Guard Rail. Sta. 441+07 to Sta. 441+55 Left & Right. 441+85 to 442+17 Rt. Total Length = 128 Lin. ft.

Profile shows top and left edge of pavement 1' left of #

Exc. = 513 cu.yd.
 Emb. + 18% = 513 cu.yd.

Exc. = 1199 cu.yd.
 Emb. + 18% = 1199 cu.yd.

Exc. = 575 cu.yd.
 Emb. + 18% = 575 cu.yd.

Exc. 701 cu.yd.
 Emb. + 18% = 616 cu.yd.
 Haul 65 yd ahead.

Exc. 312 cu.yd.
 Emb. + 18% = 373 cu.yd.

Exc. = 520 cu.yd.
 Emb. + 18% = 503.
 Waste = 17

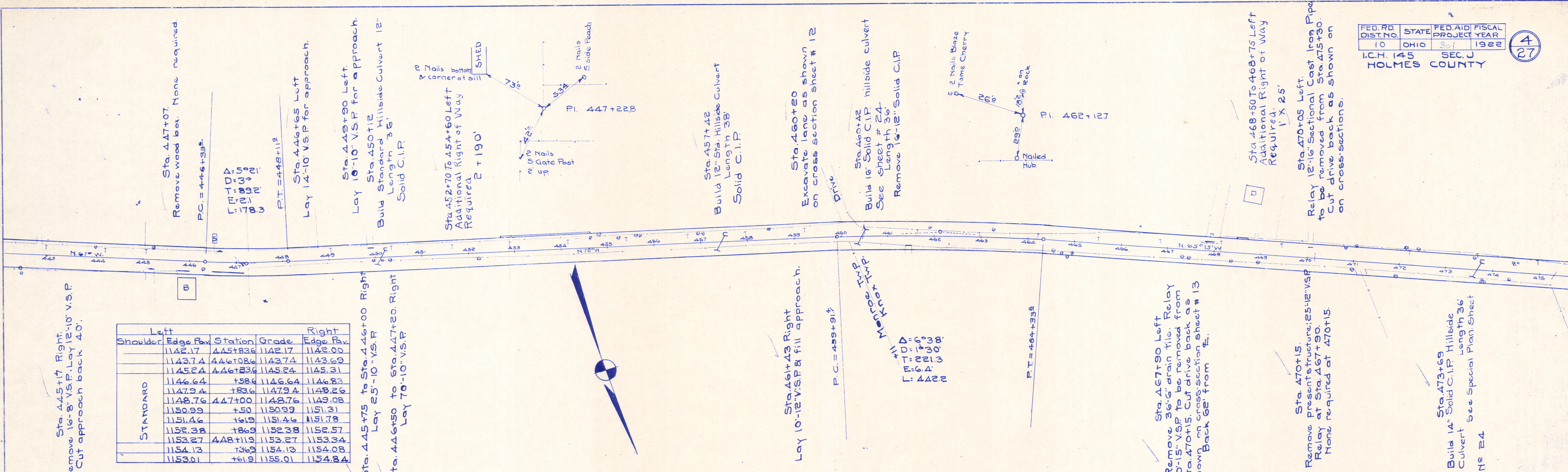
FINAL SURVEY PLOTTED TEMPLATE NO. 101 DATE

ORIGINAL SURVEY PLOTTED TEMPLATE NO. 101 DATE

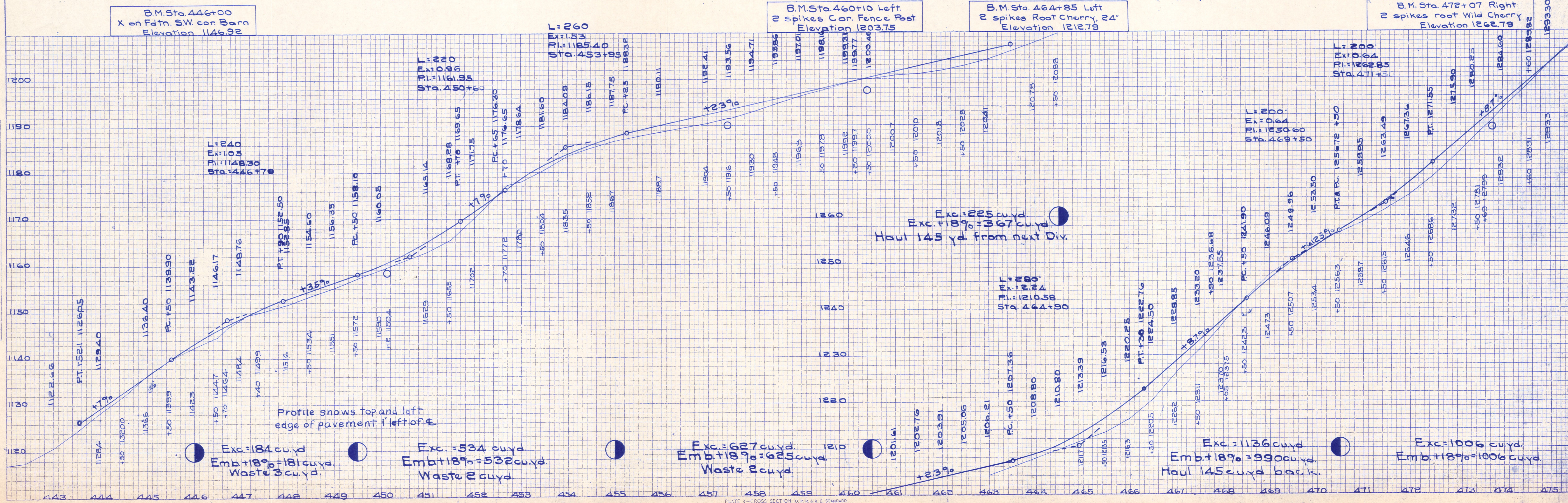
FED. RD. DIST. NO.	STATE	FED. AID PROJECT YEAR	FISCAL YEAR
10	OHIO	301	1982

4
27

I.C.I. 145 SEC. U
HOLMES COUNTY



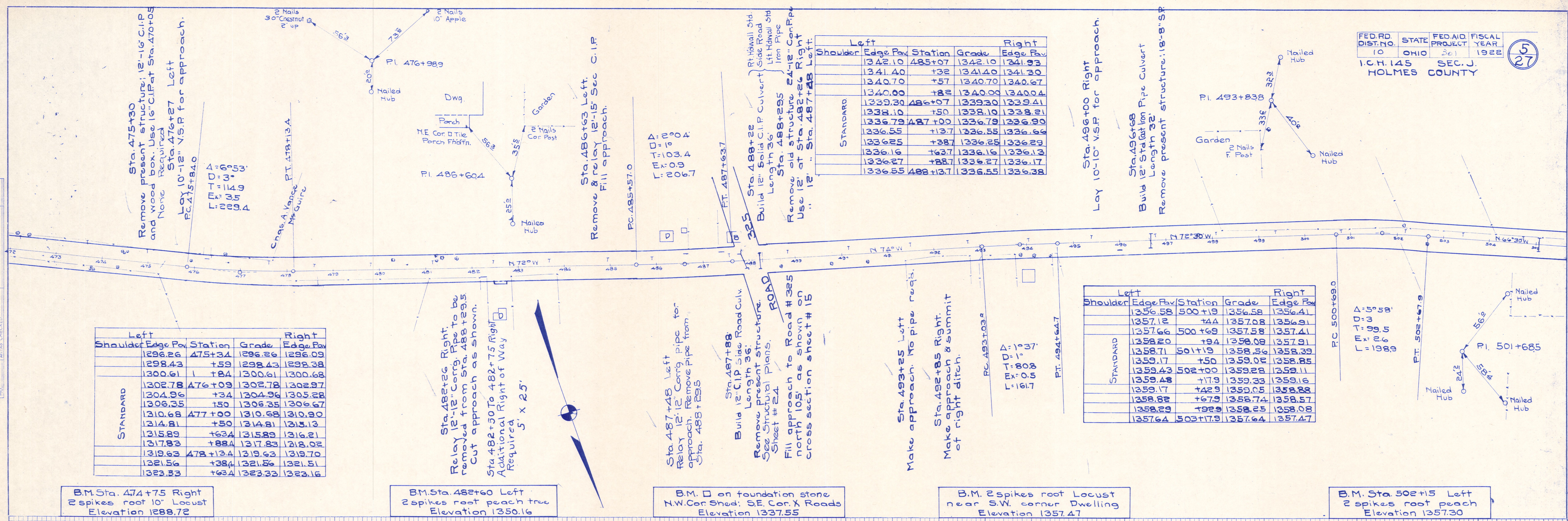
STANDARD	Left				Right			
	Shoulder	Edge Pav.	Station	Grade	Edge Pav.	Station	Grade	Shoulder
	1142.17	1142.17	445+83.6	1142.17	1142.00	445+83.6	1142.00	
	1143.74	1143.74	446+08.6	1143.74	1143.69	446+08.6	1143.69	
	1145.24	1145.24	446+33.6	1145.24	1145.31	446+33.6	1145.31	
	1146.64	1146.64	446+58.6	1146.64	1146.83	446+58.6	1146.83	
	1147.94	1147.94	447+13.6	1147.94	1148.26	447+13.6	1148.26	
	1148.76	1148.76	447+38.6	1148.76	1149.08	447+38.6	1149.08	
	1150.99	1150.99	448+13.6	1150.99	1151.31	448+13.6	1151.31	
	1151.46	1151.46	448+38.6	1151.46	1151.78	448+38.6	1151.78	
	1152.38	1152.38	449+13.6	1152.38	1152.57	449+13.6	1152.57	
	1153.27	1153.27	449+38.6	1153.27	1153.34	449+38.6	1153.34	
	1154.13	1154.13	450+13.6	1154.13	1154.08	450+13.6	1154.08	
	1153.01	1153.01	450+38.6	1153.01	1154.84	450+38.6	1154.84	



FINAL SURVEY
 SURVEY PLOTTED
 NOTE BOOK TEMPLATE AREAS CHECKED
 NO.

ORIGINAL SURVEY
 SURVEY PLOTTED
 NOTE BOOK TEMPLATE AREAS CHECKED
 NO.

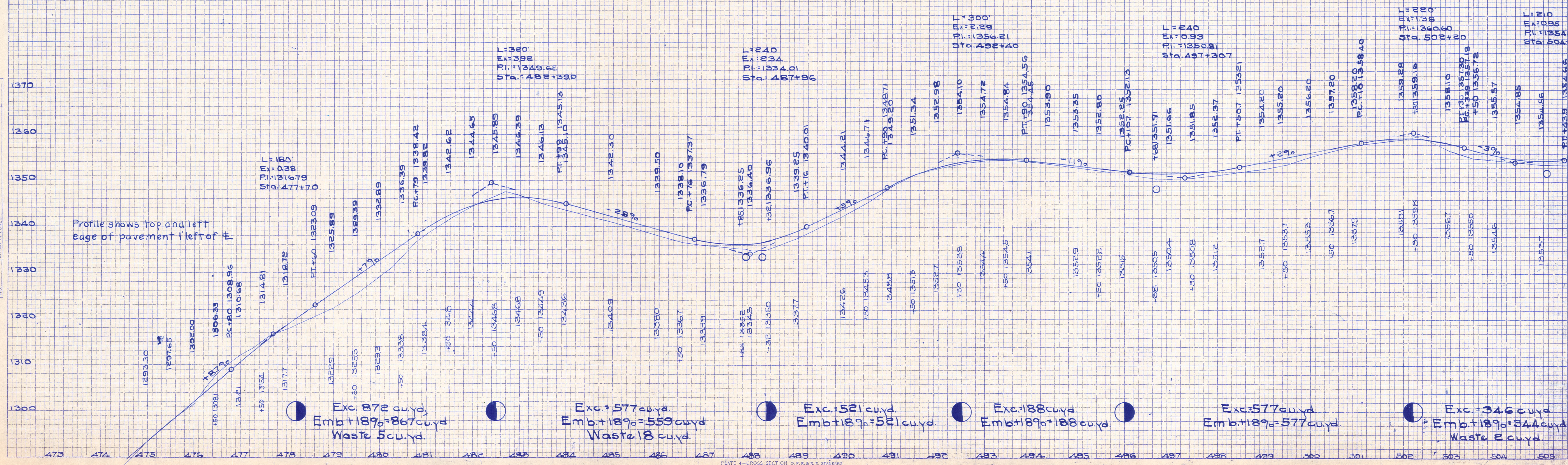
FED. RD. DIST. NO. 10 STATE OHIO FED. AID PROJECT 361 FISCAL YEAR 1922
 I.C.H. 145 SEC. J. HOLMES COUNTY
 5/27



STANDARD	Left			Right		
	Shoulder	Edge Pav	Station	Grade	Edge Pav	Station
	1296.26	475+34	1296.26	1296.09		
	1298.43	+59	1298.43	1298.38		
	1300.61	+84	1300.61	1300.68		
	1302.78	476+09	1302.78	1302.97		
	1304.96	+34	1304.96	1305.28		
	1306.35	+50	1306.35	1306.67		
	1310.68	477+00	1310.68	1310.90		
	1314.81	+50	1314.81	1315.13		
	1315.89	+634	1315.89	1316.21		
	1317.83	+884	1317.83	1318.02		
	1319.63	478+134	1319.63	1319.70		
	1321.56	+384	1321.56	1321.51		
	1323.33	+634	1323.33	1323.16		

STANDARD	Left			Right		
	Shoulder	Edge Pav	Station	Grade	Edge Pav	Station
	1342.10	485+07	1342.10	1341.93		
	1341.46	+32	1341.40	1341.30		
	1340.70	+57	1340.70	1340.67		
	1340.00	+82	1340.00	1340.04		
	1339.30	486+07	1339.30	1339.41		
	1338.10	+50	1338.10	1338.21		
	1336.79	487+00	1336.79	1336.90		
	1336.55	+137	1336.55	1336.66		
	1336.25	+887	1336.25	1336.29		
	1336.16	+637	1336.16	1336.13		
	1336.27	+887	1336.27	1336.17		
	1336.55	488+137	1336.55	1336.38		

STANDARD	Left			Right		
	Shoulder	Edge Pav	Station	Grade	Edge Pav	Station
	1356.58	500+19	1356.58	1356.41		
	1357.12	+44	1357.08	1357.41		
	1357.66	500+69	1357.58	1357.91		
	1358.71	+94	1358.08	1357.91		
	1359.17	+50	1359.02	1358.85		
	1359.43	502+00	1359.28	1359.11		
	1359.48	+113	1359.33	1359.16		
	1359.17	+423	1359.05	1358.88		
	1358.82	+673	1358.74	1358.57		
	1358.29	+923	1358.25	1358.08		
	1357.64	503+17.9	1357.64	1357.47		

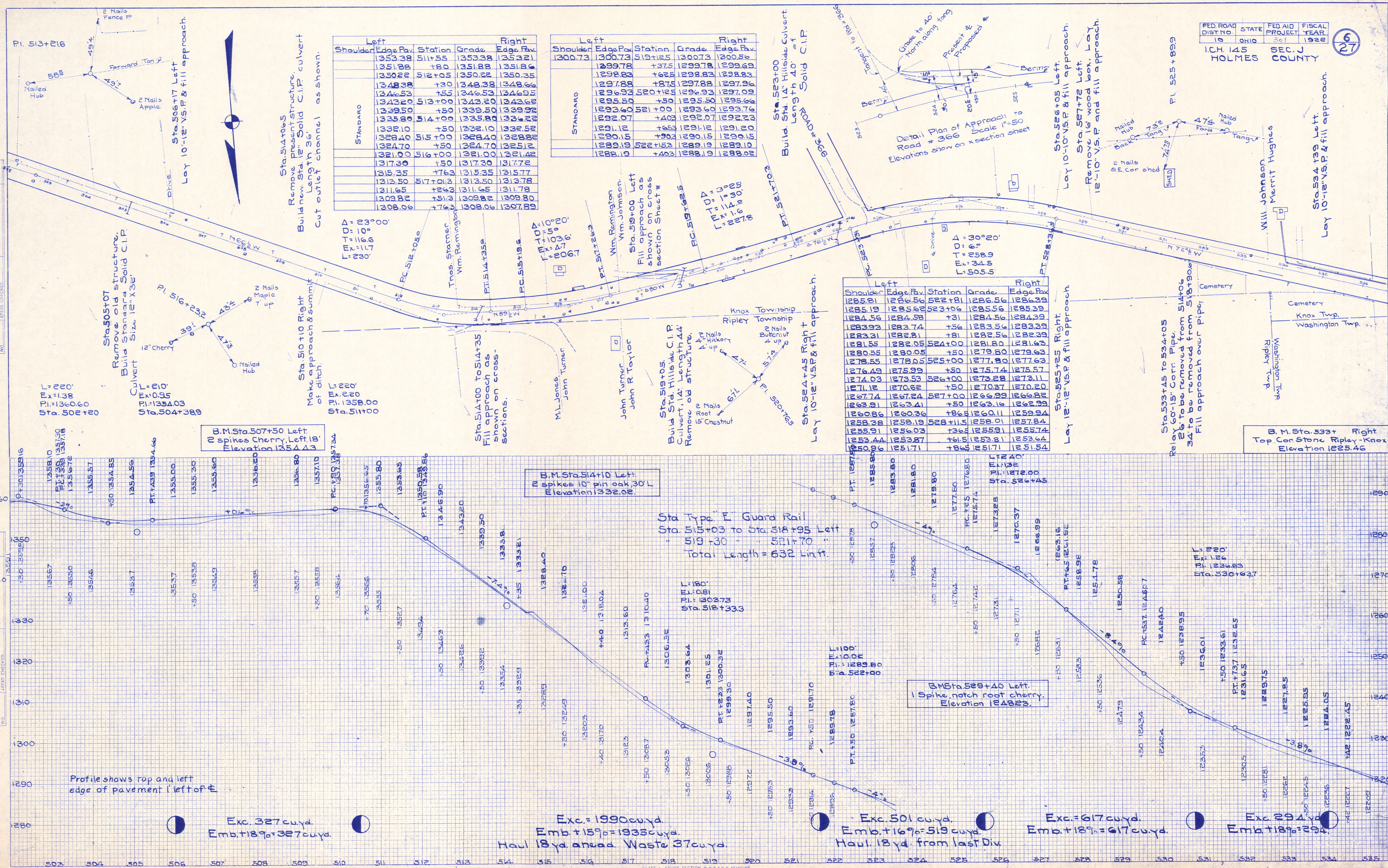


FINAL SURVEY DATE
 SURVEYED BY
 TEMPLATE NO.
 NOTE BOOK NO.
 AREAS CHECKED

ORIGINAL SURVEY DATE
 SURVEYED BY
 TEMPLATE NO.
 NOTE BOOK NO.
 AREAS CHECKED

FED. ROAD DIST. NO. 10 STATE OHIO FED. AID PROJECT YEAR 301 1928 FISCAL YEAR 1928
 I.C.H. 145 SEC. J HOLMES COUNTY

6
27



Left					Right				
Shoulder	Edge Pav.	Station	Grade	Edge Pav.	Shoulder	Edge Pav.	Station	Grade	Edge Pav.
	1353.38	511+55	1353.38	1353.21		1300.73	519+12.5	1300.73	1300.56
	1351.88	+8.0	1351.88	1351.88		1299.78	+37.5	1299.78	1299.69
	1350.28	512+05	1350.28	1350.35		1298.83	+62.5	1298.83	1298.83
	1348.38	+3.0	1348.38	1348.66		1297.88	+87.5	1297.88	1297.96
	1346.53	+5.5	1346.53	1346.95		1296.93	520+12.5	1296.93	1297.09
	1343.60	513+00	1343.60	1343.66		1295.55	+50.0	1295.55	1295.66
	1339.50	+50.0	1339.50	1339.92		1293.60	521+00	1293.60	1293.76
	1335.80	514+00	1335.80	1336.22		1292.07	+40.0	1292.07	1292.23
	1332.10	+50.0	1332.10	1332.52		1291.12	+65.0	1291.12	1291.20
	1328.40	515+00	1328.40	1328.82		1290.15	+90.0	1290.15	1290.15
	1324.70	+50.0	1324.70	1325.12		1289.19	522+15.3	1289.19	1289.10
	1321.00	516+00	1321.00	1321.42		1288.19	+40.0	1288.19	1288.02
	1317.30	+50.0	1317.30	1317.72					
	1315.35	+76.3	1315.35	1315.77					
	1313.50	517+00	1313.50	1313.78					
	1311.65	+86.3	1311.65	1311.78					
	1309.80	518+00	1309.80	1309.80					
	1308.06	+76.3	1308.06	1307.89					

Left					Right				
Shoulder	Edge Pav.	Station	Grade	Edge Pav.	Shoulder	Edge Pav.	Station	Grade	Edge Pav.
	1300.73	519+12.5	1300.73	1300.56		1299.78	520+12.5	1299.78	1299.69
	1298.83	+62.5	1298.83	1298.83		1297.88	+87.5	1297.88	1297.96
	1296.93	520+12.5	1296.93	1297.09		1295.55	521+00	1295.55	1295.66
	1293.60	+50.0	1293.60	1293.76		1292.07	+40.0	1292.07	1292.23
	1291.12	+65.0	1291.12	1291.20		1289.12	+90.0	1289.12	1289.15
	1289.15	522+15.3	1289.15	1289.15		1288.19	522+15.3	1288.19	1288.10
	1288.19	+40.0	1288.19	1288.02					

Left					Right						
Shoulder	Edge Pav.	Station	Grade	Edge Pav.	Shoulder	Edge Pav.	Station	Grade	Edge Pav.		
	1285.81	1286.56	522+18.1	1286.56	1286.39		1285.19	1285.62	523+06	1285.56	1285.39
	1284.56	1284.58	+31	1284.56	1284.39		1283.93	1283.74	+56	1283.56	1283.39
	1283.31	1282.81	+81	1282.56	1282.39		1281.55	1282.05	524+00	1281.80	1281.63
	1280.55	1280.05	+50	1279.80	1279.63		1278.55	1278.05	525+00	1277.80	1277.63
	1276.49	1275.99	+50	1275.74	1275.57		1274.03	1273.53	526+00	1273.28	1273.11
	1271.12	1270.62	+50	1270.37	1270.20		1267.74	1267.24	527+00	1266.99	1266.82
	1263.91	1263.41	+50	1263.16	1262.99		1260.86	1260.36	+86.5	1260.11	1259.94
	1258.38	1258.19	528+11.5	1258.01	1257.84		1255.91	1255.03	+36.5	1255.91	1255.74
	1253.44	1253.87	+61.5	1253.81	1253.64		1250.96	1251.71	+86.5	1251.71	1251.54

Sta. 505+07
 Remove old structure.
 Build Standard Solid C.I.P.
 Culvert Size 12" X 36"

Sta. 510+10 Right
 Make approach & summary
 of ditch.

Sta. 514+05
 Remove present structure.
 Build new Sta. 12" Solid C.I.P. culvert
 Length 36'
 Cut outlet channel as shown.

Sta. 514+00 to 514+35
 Fill approach as
 shown on cross-
 sections.

Sta. 519+05
 Build Sta. Hillside C.I.P.
 Culvert, 14" Length 44'
 Remove old structure.

Sta. 524+45 Right
 Lay 10'-12" V.S.P. & fill approach.

Sta. 525+25 Right
 Lay 12'-12" V.S.P. & fill approach.

Sta. 533+45 to 534+05
 Relay 60'-15" Corr. Pipe.
 26' to be removed from 514+06
 34' to be removed from 518+906
 Fill approach over pipe.

B.M. Sta. 533+ Right
 Top Cor Stone Ripley-Knox
 Elevation 1254.6

Profile shows top and left
 edge of pavement left of &

Exc. 327 cu yd.
 Emb. +18% = 327 cu yd.

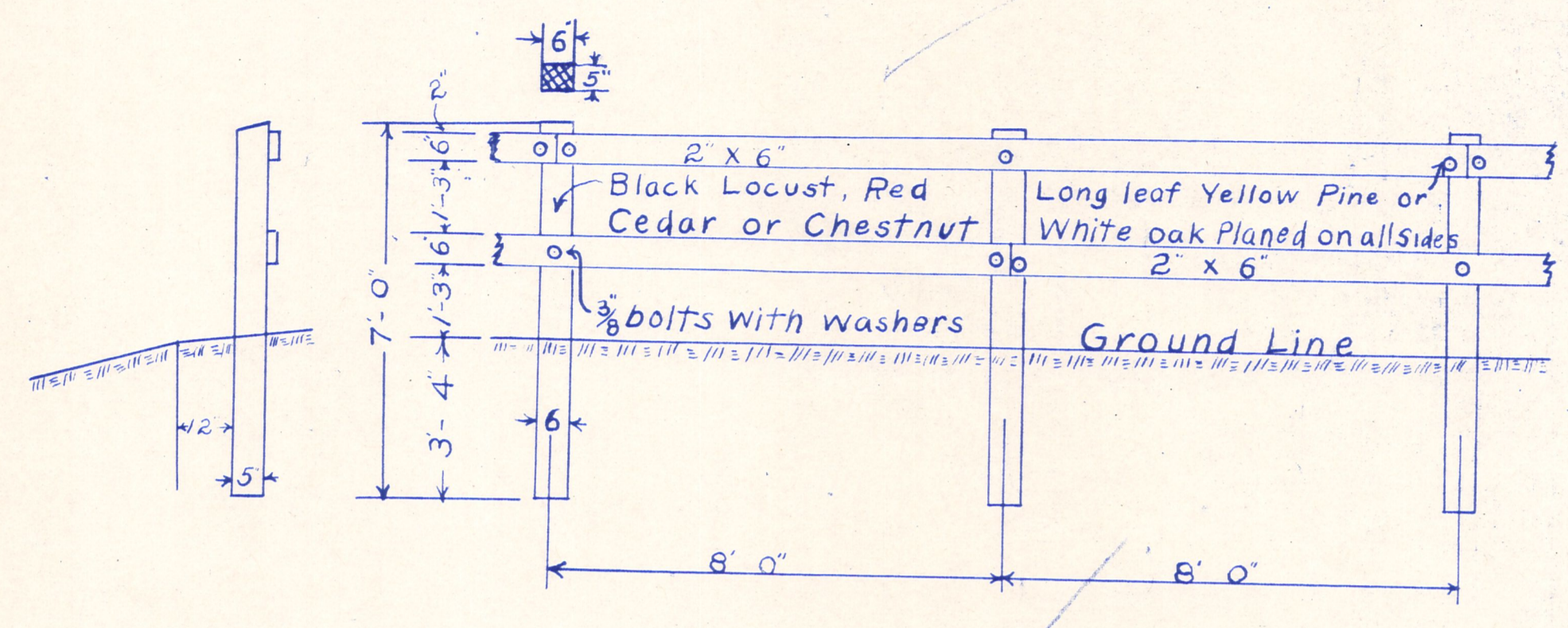
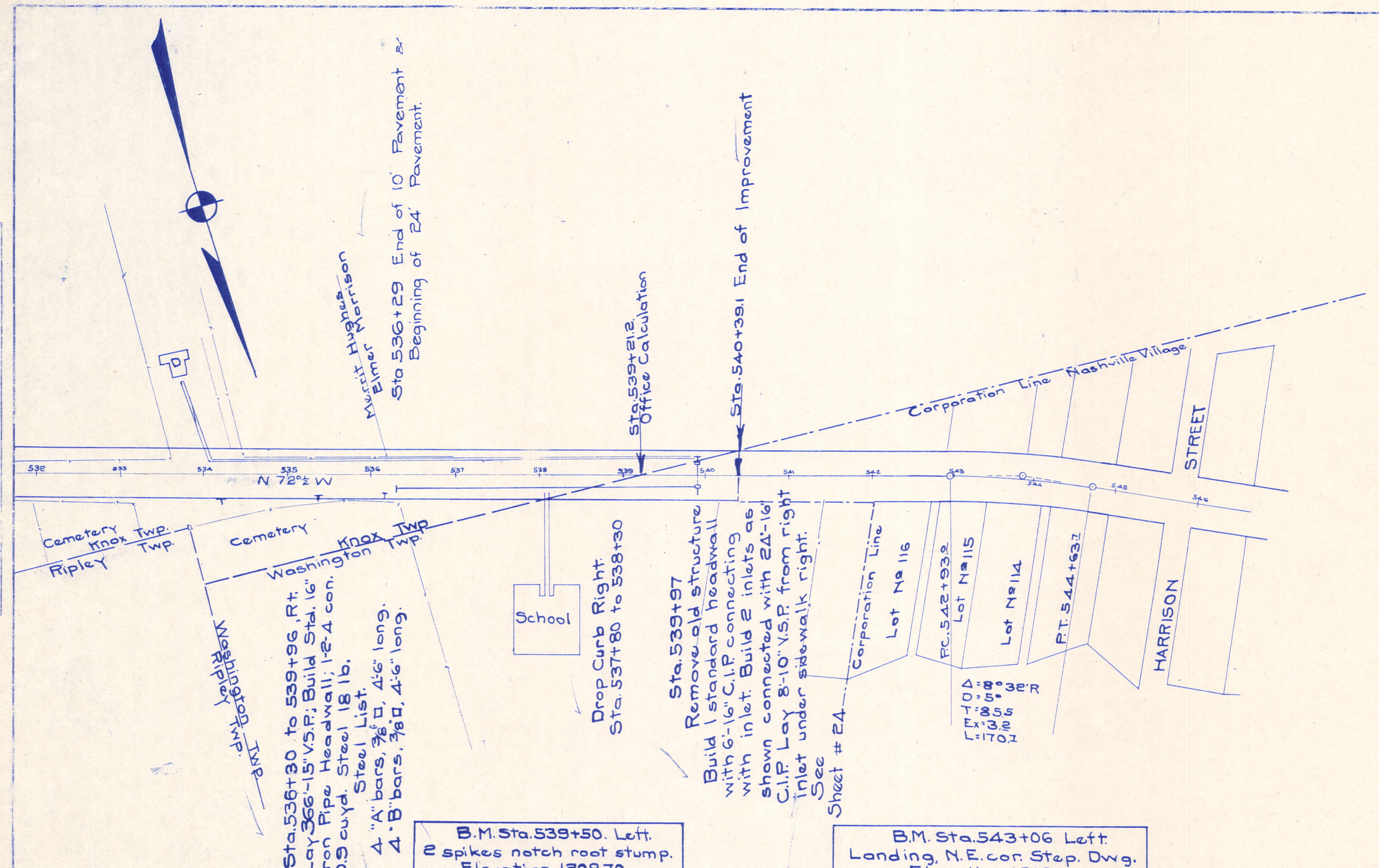
Exc. = 1990 cu yd.
 Emb. +18% = 1933 cu yd.
 Haul 18 yd. and waste 37 cu yd.

Exc. 501 cu yd.
 Emb. +18% = 519 cu yd.
 Haul 18 yd. from last Div.

Exc. = 617 cu yd.
 Emb. +18% = 617 cu yd.

Exc. 294 cu yd.
 Emb. +18% = 294

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	DATE	



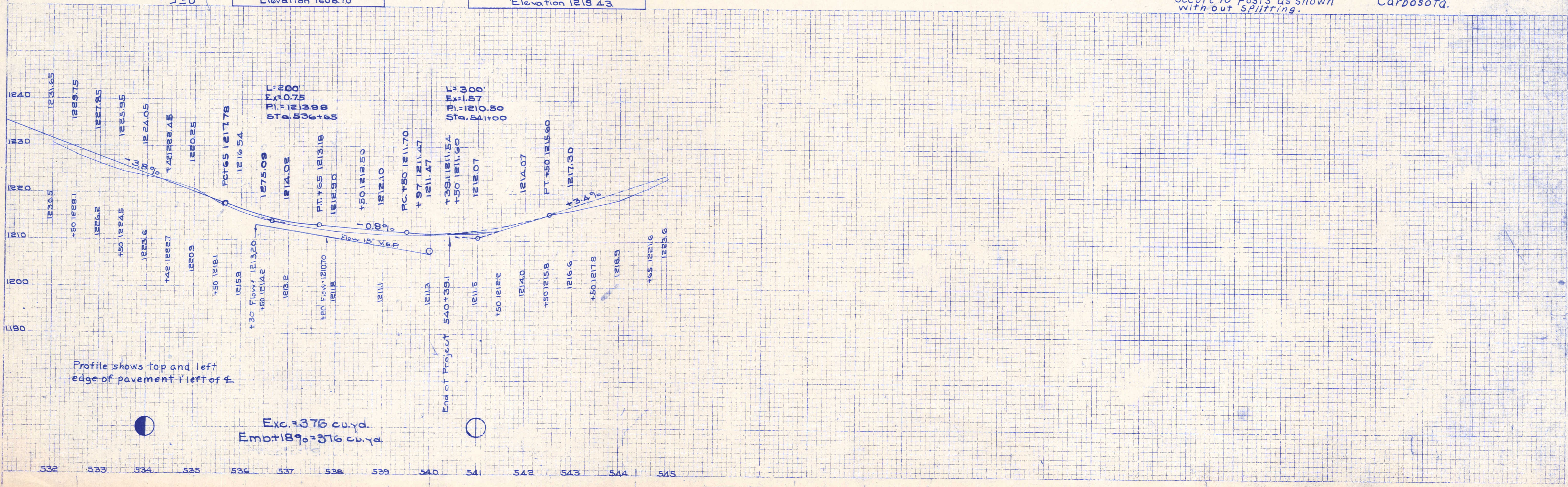
TYPICAL SECTION
TYPE "E" GUARD RAIL

2	Wood Rails	2"	6'	16"
2	Posts	5"	6'	7"
6	Carriage bolts	3/8"		8"
6	Washers		7/16"	
0.716	Spikes			5"

Note: All surfaces in contact to be painted before assembly and grade, bolt holes and the top of posts to have two coats of white lead and linseed oil paint. Posts are set vertical, in line parallel to grade line. Posts to be cut at top as shown on plan. Rails to be secure to posts as shown without splitting.

Note: In order to secure proper alignment and grade, bolt holes shall be bored and the top of posts trimmed after the lead and linseed oil paint. Posts are set and the rails nailed to them. Note: Posts to be treated 1' below and 8" above ground line with carbolineum or Carbosota.

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	DATE	



Profile shows top and left edge of pavement & left of f.

Exc. = 376 cu. yd.
Emb. = 1890 = 376 cu. yd.