

Federal Road Dist. No.	10	STATE	OHIO	Fiscal Aid Proj. No.	353	Fiscal Year	1923-24
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I.C.H. No. 53, Sec. A.
Wood County

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

TOLEDO-GRAND RAPIDS ROAD

I.C.H. No. 53. SECTIONS A, D & E PET. No. 4416.

WOOD COUNTY

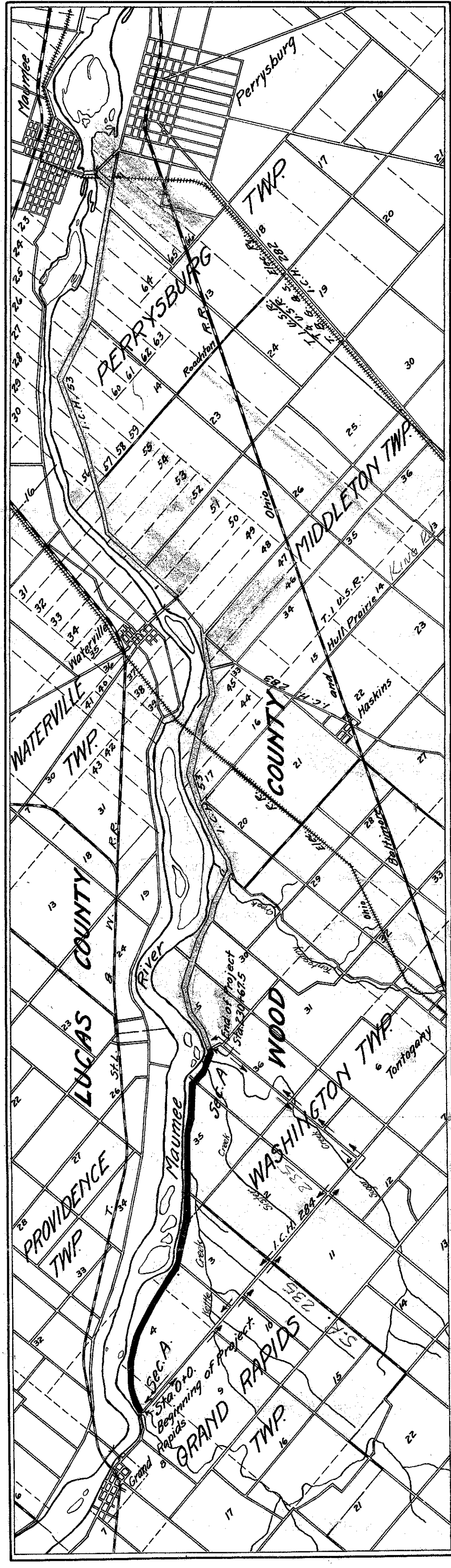
GRAND RAPIDS, WASHINGTON, TOWNSHIPS. PERRYSBURG TOWNSHIP. JAN. 1923.

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CONVENTIONAL SIGNS

State Line	—————
County Line	—————
Township Line	—————
Section Line	—————
Property Line Not Fenced	—————
Center Line	—————
City or Village Line	—————
Fence	TTTTTTTT
Telephone or Telegraph	—————
Steam Railroad	—————
Electric Line	—————



LOCATION PLAN

SCALE OF MILES

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 Wood 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.

Ed. L. Leathers
W. C. Eggleston
H. J. Pollock

Date Oct. 2-5. 1922 -- 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 of traffic of the highway and that detours will be provided as shown on the plan and estimates.

Approved: *W. H. Stinebaugh*
Date, Oct. 30-22 Resident Engineer

Approved: *W. H. Stinebaugh*
Date, Oct. 23 1922 Division Engineer

Approved: *W. H. Stinebaugh*
Date, 6/7/23 State Highway Engineer

Approved: *Wm C. Jencks*
Date, 6/17/23 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.

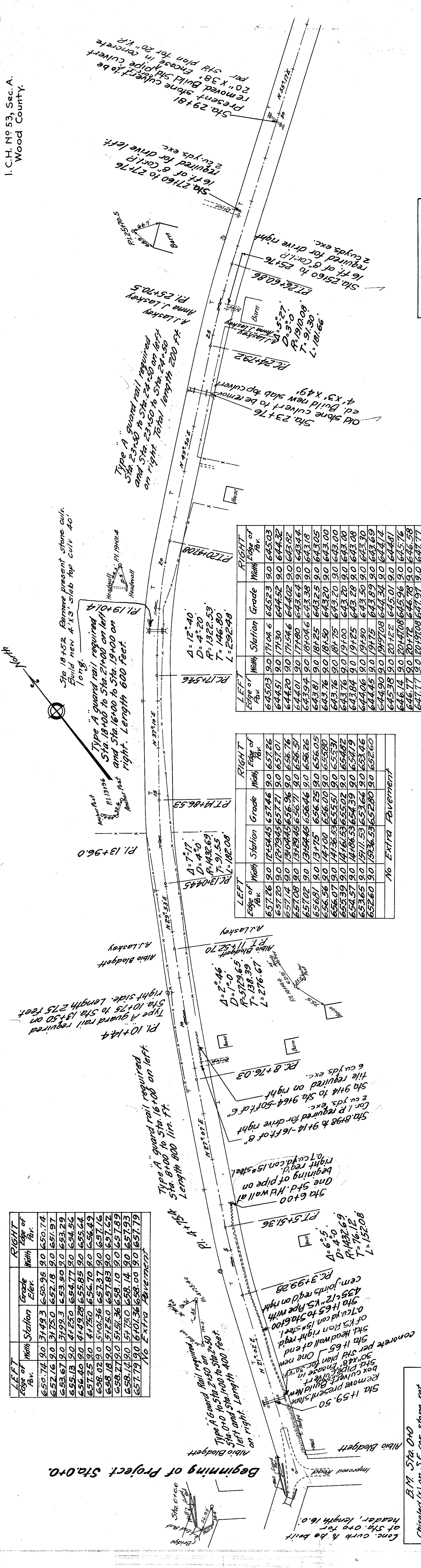
CONSTRUCTION BUREAU
JUL 28 1953
GROUND PHOTOLAB

Federal Road Dist. No.	IO	STATE	OHIO	Federal Aid Proj. No.	353	Fiscal Year	1923-24
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I.C.H. No. 53, Sec. A.
Wood County.

LEFT	RIGHT
Edge of Pav.	Edge of Pav.
650.74	650.74
650.72	650.72
650.70	650.70
650.68	650.68
650.66	650.66
650.64	650.64
650.62	650.62
650.60	650.60
650.58	650.58
650.56	650.56
650.54	650.54
650.52	650.52
650.50	650.50
650.48	650.48
650.46	650.46
650.44	650.44
650.42	650.42
650.40	650.40
650.38	650.38
650.36	650.36
650.34	650.34
650.32	650.32
650.30	650.30
650.28	650.28
650.26	650.26
650.24	650.24
650.22	650.22
650.20	650.20
650.18	650.18
650.16	650.16
650.14	650.14
650.12	650.12
650.10	650.10
650.08	650.08
650.06	650.06
650.04	650.04
650.02	650.02
650.00	650.00

Beginning of Project Sta. 0+0.

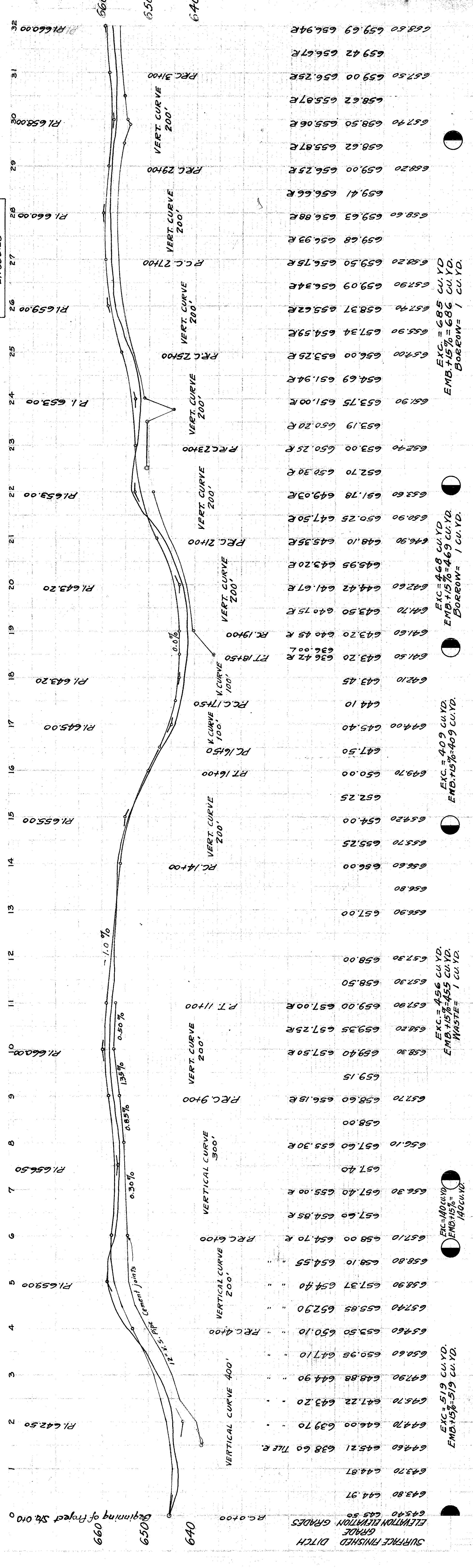


Station	Width	Grade	RIGHT Edge of Pav.	RIGHT Width	RIGHT Edge of Pav.
19+00	12.40	4.20	645.03	9.0	645.03
19+10	12.40	4.20	645.13	9.0	645.13
19+20	12.40	4.20	645.23	9.0	645.23
19+30	12.40	4.20	645.33	9.0	645.33
19+40	12.40	4.20	645.43	9.0	645.43
19+50	12.40	4.20	645.53	9.0	645.53
19+60	12.40	4.20	645.63	9.0	645.63
19+70	12.40	4.20	645.73	9.0	645.73
19+80	12.40	4.20	645.83	9.0	645.83
19+90	12.40	4.20	645.93	9.0	645.93
20+00	12.40	4.20	646.03	9.0	646.03

Station	Width	Grade	RIGHT Edge of Pav.	RIGHT Width	RIGHT Edge of Pav.
20+00	12.40	4.20	646.13	9.0	646.13
20+10	12.40	4.20	646.23	9.0	646.23
20+20	12.40	4.20	646.33	9.0	646.33
20+30	12.40	4.20	646.43	9.0	646.43
20+40	12.40	4.20	646.53	9.0	646.53
20+50	12.40	4.20	646.63	9.0	646.63
20+60	12.40	4.20	646.73	9.0	646.73
20+70	12.40	4.20	646.83	9.0	646.83
20+80	12.40	4.20	646.93	9.0	646.93
20+90	12.40	4.20	647.03	9.0	647.03
21+00	12.40	4.20	647.13	9.0	647.13

B.M. Sta. 27+10
Nail in E.I. 659.28

B.M. Sta. 0+0
Chiseled (N) on S.E. cor. stone ret.
Nail S.E. cor. of I.C.H. 289 intersection
Elev. 644.56



Exc. = 685 cu. yd.
EMB + 15% = 686 cu. yd.
BORROW = 1 cu. yd.

Exc. = 468 cu. yd.
EMB + 15% = 469 cu. yd.
BORROW = 1 cu. yd.

Exc. = 409 cu. yd.
EMB + 15% = 409 cu. yd.

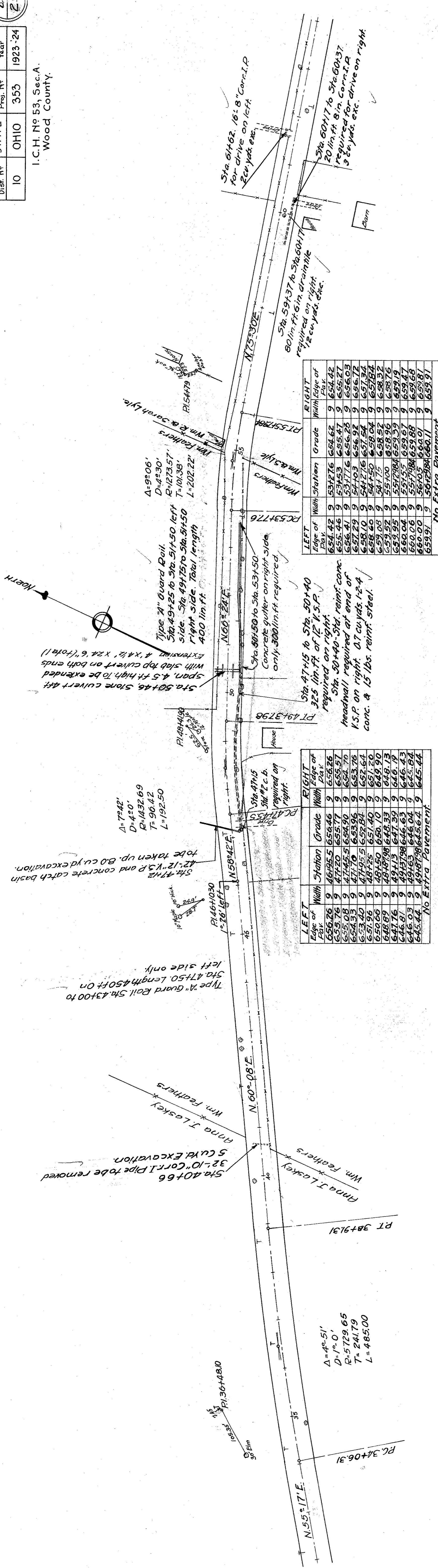
Exc. = 456 cu. yd.
EMB + 15% = 455 cu. yd.
WASTE = 1 cu. yd.

Exc. = 140 cu. yd.
EMB + 15% = 140 cu. yd.

Exc. = 519 cu. yd.
EMB + 15% = 519 cu. yd.

Federal Road Dist. No.	10	STATE	OHIO	Federal Aid Proj. No.	353	Fiscal Year	1923-24
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I.C.H. No 53, Sec. A.
Wood County.

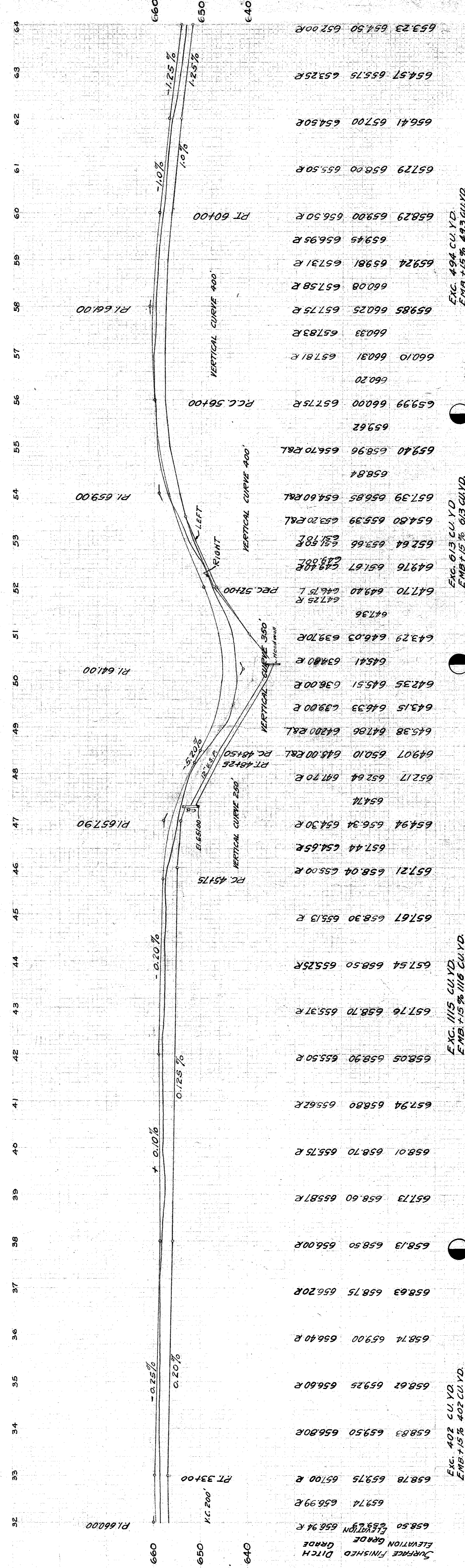


LEFT	RIGHT
Edge of Pav.	Edge of Pav.
Width	Width
Station	Station
Grade	Grade
Width of Pav.	Width of Pav.
654.42	654.42
654.46	654.46
654.50	654.50
654.54	654.54
654.58	654.58
654.62	654.62
654.66	654.66
654.70	654.70
654.74	654.74
654.78	654.78
654.82	654.82
654.86	654.86
654.90	654.90
654.94	654.94
654.98	654.98
655.02	655.02
655.06	655.06
655.10	655.10
655.14	655.14
655.18	655.18
655.22	655.22
655.26	655.26
655.30	655.30
655.34	655.34
655.38	655.38
655.42	655.42
655.46	655.46
655.50	655.50
655.54	655.54
655.58	655.58
655.62	655.62
655.66	655.66
655.70	655.70
655.74	655.74
655.78	655.78
655.82	655.82
655.86	655.86
655.90	655.90
655.94	655.94
655.98	655.98
656.02	656.02
656.06	656.06
656.10	656.10
656.14	656.14
656.18	656.18
656.22	656.22
656.26	656.26
656.30	656.30
656.34	656.34
656.38	656.38
656.42	656.42
656.46	656.46
656.50	656.50
656.54	656.54
656.58	656.58
656.62	656.62
656.66	656.66
656.70	656.70
656.74	656.74
656.78	656.78
656.82	656.82
656.86	656.86
656.90	656.90
656.94	656.94
656.98	656.98
657.02	657.02
657.06	657.06
657.10	657.10
657.14	657.14
657.18	657.18
657.22	657.22
657.26	657.26
657.30	657.30
657.34	657.34
657.38	657.38
657.42	657.42
657.46	657.46
657.50	657.50
657.54	657.54
657.58	657.58
657.62	657.62
657.66	657.66
657.70	657.70
657.74	657.74
657.78	657.78
657.82	657.82
657.86	657.86
657.90	657.90
657.94	657.94
657.98	657.98
658.02	658.02
658.06	658.06
658.10	658.10
658.14	658.14
658.18	658.18
658.22	658.22
658.26	658.26
658.30	658.30
658.34	658.34
658.38	658.38
658.42	658.42
658.46	658.46
658.50	658.50
658.54	658.54
658.58	658.58
658.62	658.62
658.66	658.66
658.70	658.70
658.74	658.74
658.78	658.78
658.82	658.82
658.86	658.86
658.90	658.90
658.94	658.94
658.98	658.98
659.02	659.02
659.06	659.06
659.10	659.10
659.14	659.14
659.18	659.18
659.22	659.22
659.26	659.26
659.30	659.30
659.34	659.34
659.38	659.38
659.42	659.42
659.46	659.46
659.50	659.50
659.54	659.54
659.58	659.58
659.62	659.62
659.66	659.66
659.70	659.70
659.74	659.74
659.78	659.78
659.82	659.82
659.86	659.86
659.90	659.90
659.94	659.94
659.98	659.98
660.02	660.02
660.06	660.06
660.10	660.10
660.14	660.14
660.18	660.18
660.22	660.22
660.26	660.26
660.30	660.30
660.34	660.34
660.38	660.38
660.42	660.42
660.46	660.46
660.50	660.50
660.54	660.54
660.58	660.58
660.62	660.62
660.66	660.66
660.70	660.70
660.74	660.74
660.78	660.78
660.82	660.82
660.86	660.86
660.90	660.90
660.94	660.94
660.98	660.98
661.02	661.02
661.06	661.06
661.10	661.10
661.14	661.14
661.18	661.18
661.22	661.22
661.26	661.26
661.30	661.30
661.34	661.34
661.38	661.38
661.42	661.42
661.46	661.46
661.50	661.50
661.54	661.54
661.58	661.58
661.62	661.62
661.66	661.66

B.M. Sta. 55+00
2 nails in 36" B Oak 20' N of Sta.
Elev. 661.66

B.M. Sta. 49+75
Nail in 18" Maple 20' W of Sta.
Elev. 643.08

B.M. 38+60
Nail in 1st pole W side road
Elev. 659.84



Exc. 494 cu. yd.
EMB +15% 493 cu. yd.
WASTE 1 cu. yd.

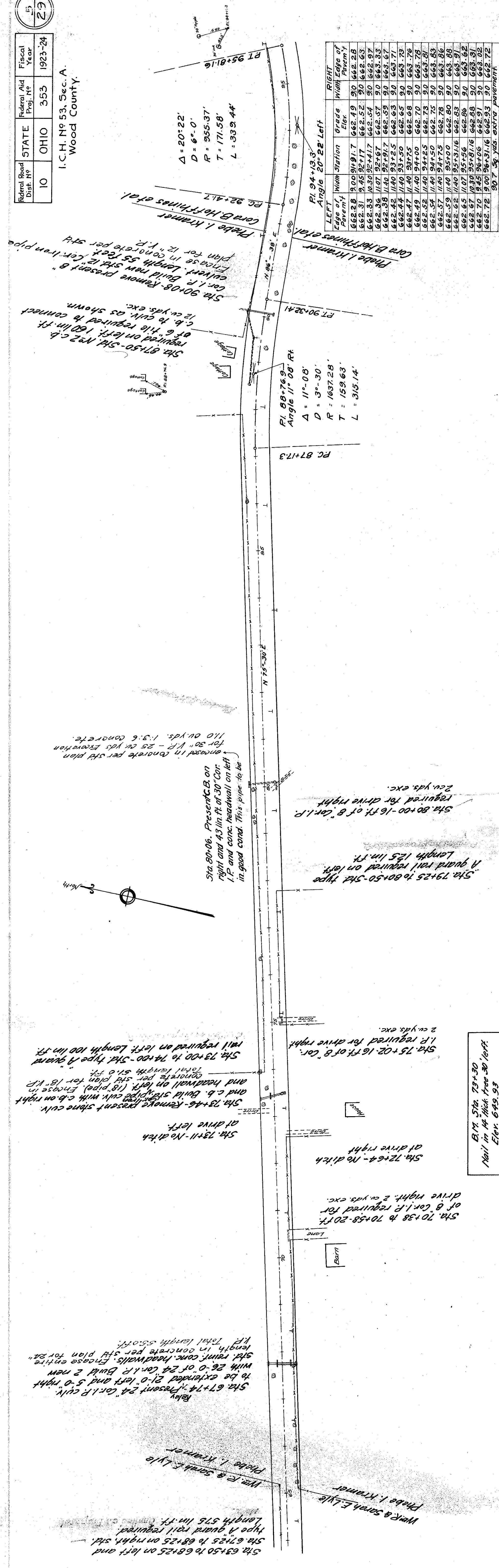
Exc. 613 cu. yd.
EMB +15% 603 cu. yd.

Exc. 1115 cu. yd.
EMB +15% 1116 cu. yd.
BORROW 1 cu. yd.

Exc. 402 cu. yd.
EMB +15% 402 cu. yd.

Federal Road Dist. No.	STATE	Federal Aid Proj. No.	Fiscal Year
10	OHIO	353	1923-24

I.C.H. No 53, Sec. A.
Wood County.



Station	Surface Elevation	Grade	Notes
64	652.23	655.00	652.00
65	652.89	652.06	649.55
66	651.21	652.06	649.55
67	648.33	649.75	647.25
68	647.41	648.30	645.56 L & R
69	648.45	649.00	646.25 L & R
70	651.70	648.25 L & R	648.25 L & R
71	652.31	649.88 R	649.88 R
72	653.31	650.75 R	650.75 R
73	652.63	651.62 R	651.62 R
74	651.85	652.00	651.90 R
75	658.87	658.00	658.25 R & L
76	659.82	657.07 R	657.07 R
77	659.71	656.96 R	656.96 R
78	658.34	658.79 R	658.79 R
79	657.47	657.56	654.81 R
80	654.80	656.81	652.40
81	655.34	656.90	654.15 R & L
82	658.11	658.45	655.70 R & L
83	658.86	659.74	656.99 R & L
84	659.32	660.50	657.75 R & L
85	659.82	661.00	658.50 R & L
86	660.02	661.50	659.25 R & L
87	661.06	662.00	660.00 R & L
88	661.07	662.15	659.28 R
89	661.17	662.20	659.70 R
90	661.27	662.30	659.55 R
91	661.60	662.40	659.65 R
92	661.80	662.50	659.75 R
93	661.90	662.55	659.80 R
94	662.64	662.75	659.95 R
95	663.00	662.85	660.10 R
96	662.84	662.90	660.15 R

Exc. 462 CU YDS.
EMB +57' 461 CU YDS.
WASTE / CU YDS

Exc. 804 CU YDS.
EMB +157' 805 CU YDS.
BORROW / CU YDS

Exc. 409 CU YDS.
EMB +157' 408 CU YDS.
WASTE / CU YD

Exc. 639 CU YDS.
EMB +157' 639 CU YDS

Exc. 232 CU YDS
EMB +157' 233 CU YDS
BORROW / CU YD

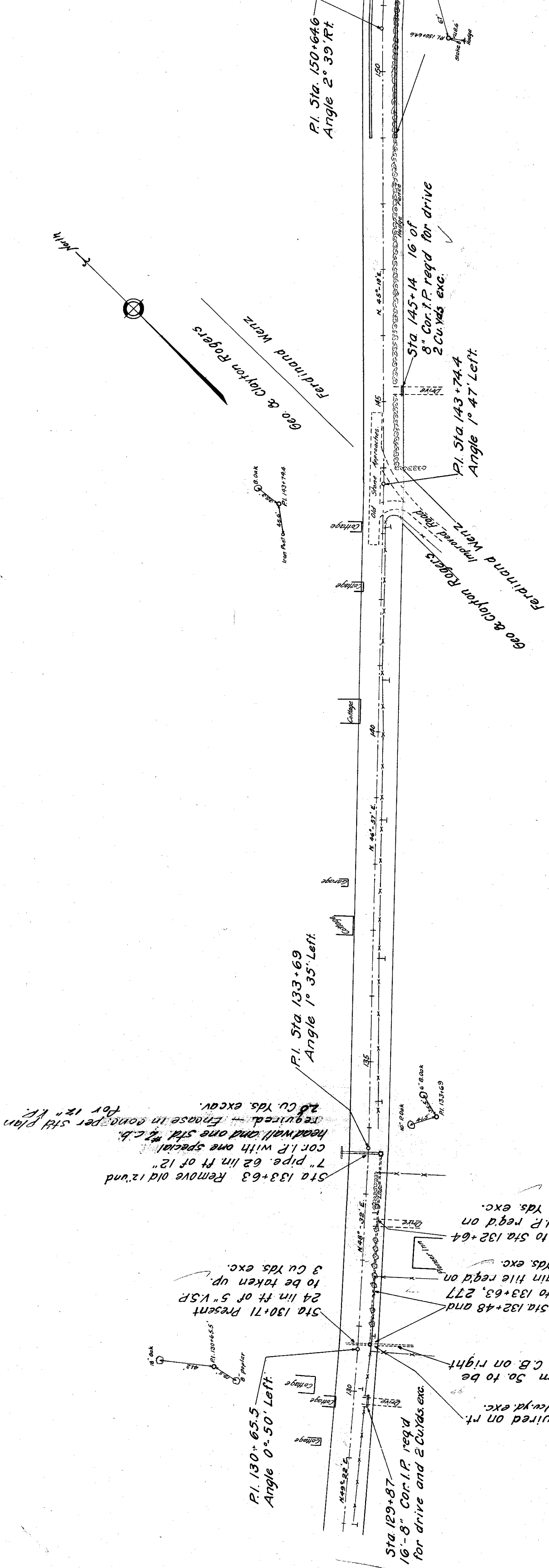
Federal Road Dist. No.	10
STATE	OHIO
Federal Aid Proj. No.	353
Fiscal Year	1923-24

I.C.H. No 53, Sec. A.
Wood County.

Sta. 157+40 to 160+30-5
Take up about 3/5
lin. ft. - 10" V.S.P. and
Catch Basin
35 cu. yds. exc.

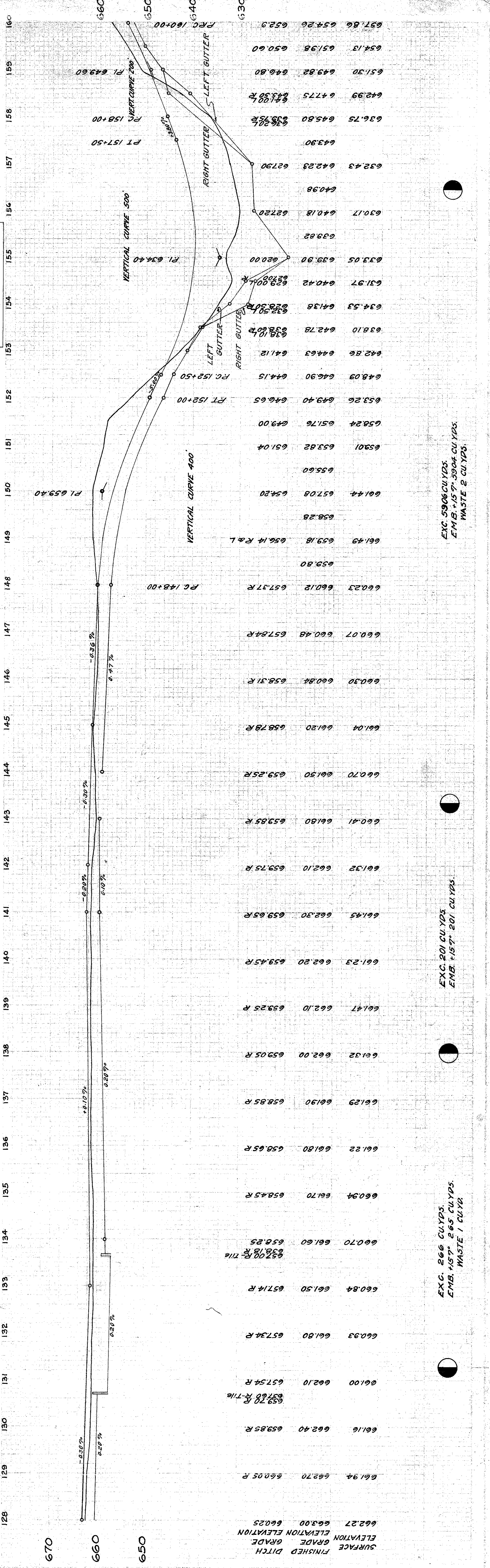
Sta. 155+00 - Present bridge with 185
sq. ft. waterway to be replaced with
concrete arch culvert 140 sq. ft.
waterway, 18 feet span, length 47'-0".

Sta. 153+25 to 158+75 - Sta.
Type A guard rail required
on both sides. Length 1100 lin. ft.



B.M. Sta. 154+25
Nail in 24 Maple 50' No.
Elev. 633.52

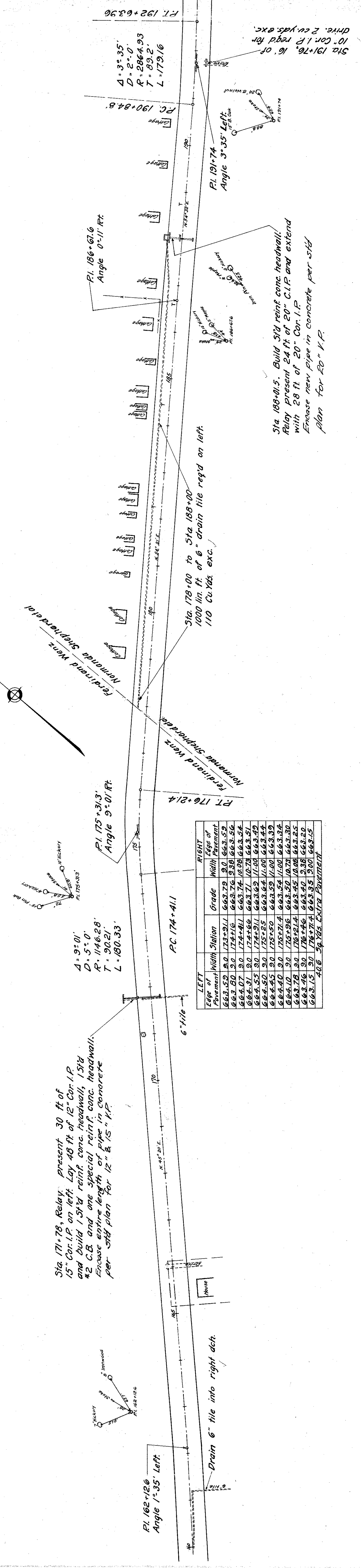
B.M. Sta. 132+00
NE Cor. Elev. 628.10



FOR ANY QUESTIONS PLEASE CONTACT ODOT DISTRICT 2 REAL ESTATE AT 419-353-8131

Federal Road Dist. No	10	STATE	OHIO	Fiscal Aid Proj. No	353	Fiscal Year	1923-24
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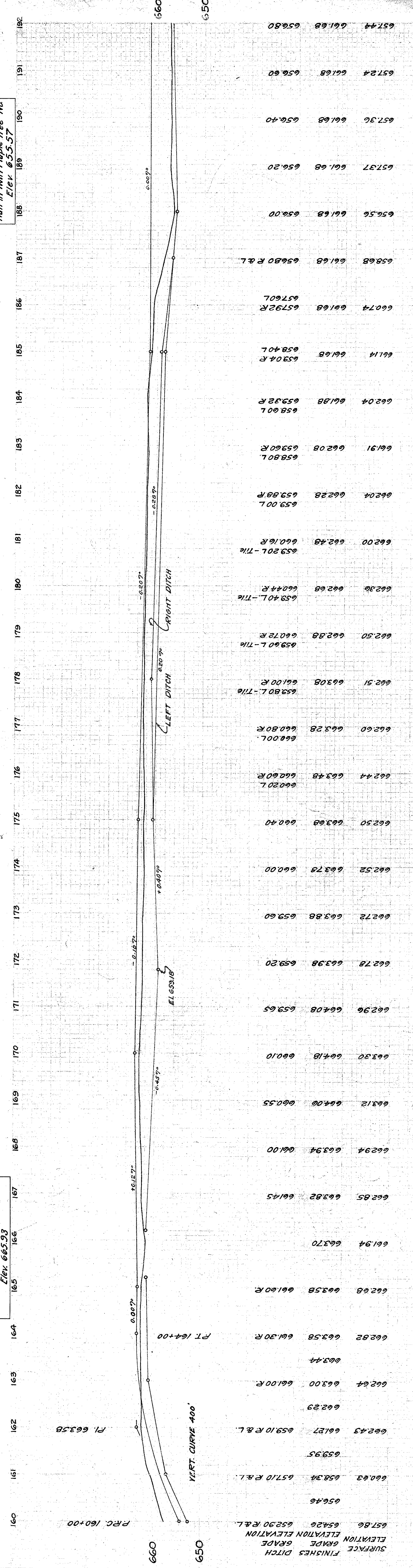
I.C.H. No 53, Sec. A.
Wood County.



LEFT	RIGHT				
Edge of Pavement	Edge of Pavement				
Width	Width				
Station	Station				
Grade	Grade				
663.59	9.0	173+91.1	663.79	9.0	663.59
663.80	9.0	174+16	663.76	9.0	663.56
664.07	9.0	174+41.1	663.74	10.08	663.54
664.55	9.0	174+66	663.71	10.78	663.51
664.50	9.0	174+91.1	663.69	11.00	663.49
664.45	9.0	175+25	663.64	11.00	663.44
664.40	9.0	175+50	663.59	11.00	663.39
664.10	9.0	175+75	663.54	11.00	663.34
663.78	9.0	175+96	663.50	10.78	663.30
663.46	9.0	176+21.4	663.45	10.08	663.25
663.12	9.0	176+46	663.41	10.78	663.21
		176+71.1	663.35	11.00	663.15
		176+96	663.29	11.00	663.09
		177+21.4	663.24	10.78	663.04
		177+46	663.18	10.08	662.98
		177+71.1	663.12	10.78	662.92
		177+96	663.06	11.00	662.86
		178+21.4	663.00	11.00	662.80
		178+46	662.94	10.78	662.74
		178+71.1	662.88	10.08	662.68
		178+96	662.82	10.78	662.62
		179+21.4	662.76	11.00	662.56
		179+46	662.70	11.00	662.50
		179+71.1	662.64	10.78	662.44
		179+96	662.58	10.08	662.38
		180+21.4	662.52	10.78	662.32
		180+46	662.46	11.00	662.26
		180+71.1	662.40	11.00	662.20
		180+96	662.34	10.78	662.14
		181+21.4	662.28	10.08	662.08
		181+46	662.22	10.78	662.02
		181+71.1	662.16	11.00	661.96
		181+96	662.10	11.00	661.90
		182+21.4	662.04	10.78	661.84
		182+46	661.98	10.08	661.78
		182+71.1	661.92	10.78	661.72
		182+96	661.86	11.00	661.66
		183+21.4	661.80	11.00	661.60
		183+46	661.74	10.78	661.54
		183+71.1	661.68	10.08	661.48
		183+96	661.62	10.78	661.42
		184+21.4	661.56	11.00	661.36
		184+46	661.50	11.00	661.30
		184+71.1	661.44	10.78	661.24
		184+96	661.38	10.08	661.18
		185+21.4	661.32	10.78	661.12
		185+46	661.26	11.00	661.06
		185+71.1	661.20	11.00	661.00
		185+96	661.14	10.78	660.94
		186+21.4	661.08	10.08	660.88
		186+46	661.02	10.78	660.82
		186+71.1	660.96	11.00	660.76
		186+96	660.90	11.00	660.70
		187+21.4	660.84	10.78	660.64
		187+46	660.78	10.08	660.58
		187+71.1	660.72	10.78	660.52
		187+96	660.66	11.00	660.46
		188+21.4	660.60	11.00	660.40
		188+46	660.54	10.78	660.34
		188+71.1	660.48	10.08	660.28
		188+96	660.42	10.78	660.22
		189+21.4	660.36	11.00	660.16
		189+46	660.30	11.00	660.10
		189+71.1	660.24	10.78	660.04
		189+96	660.18	10.08	660.00
		190+21.4	660.12	10.78	660.00
		190+46	660.06	11.00	660.00
		190+71.1	660.00	11.00	660.00
		190+96	660.00	10.78	660.00
		191+21.4	660.00	10.08	660.00
		191+46	660.00	10.78	660.00
		191+71.1	660.00	11.00	660.00
		191+96	660.00	11.00	660.00
		192+21.4	660.00	10.78	660.00
		192+46	660.00	10.08	660.00
		192+71.1	660.00	10.78	660.00
		192+96	660.00	11.00	660.00

B.M. Sta. 163+35
Nail in 3" Cedarwood 50 ft.
So of house 100 ft. So of rd.
Elev. 665.93

B.M. Sta. 188+40
Nail in Twin Maple Tree No
Elev. 655.57



Exc. 876 cu yds.
EMB +157' - 876 cu yds.

Exc. 898 cu yds.
EMB +157' - 501 cu yds.
BORROW 3 cu yds.

Exc. 219 cu yds.
EMB +157' - 219 cu yds.

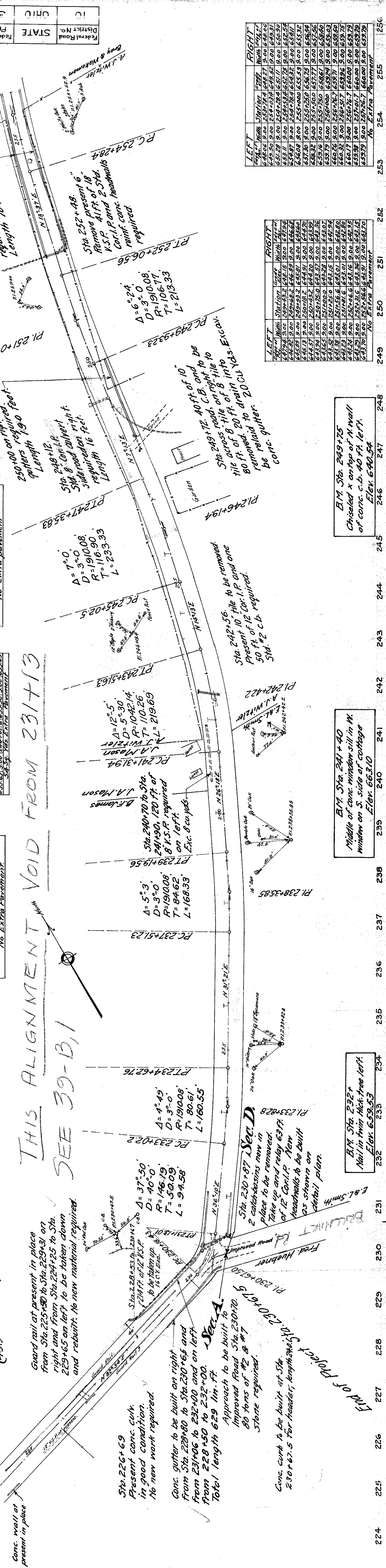
Exc. 306 cu yds.
EMB +157' - 305 cu yds.
WASTE 1 cu yd.

Exc. 234 cu yds.
EMB +157' - 236 cu yds.
BORROW 2 cu yds.

Exc. 3371 cu yds.
EMB +157' - 3372 cu yds.
BORROW 1 cu yd.

Sta.	Left	Right	Grade	Width
224	9.00	9.00	633.00	10.00
225	9.00	9.00	632.00	10.00
226	9.00	9.00	631.00	10.00
227	9.00	9.00	630.00	10.00
228	9.00	9.00	629.00	10.00
229	9.00	9.00	628.00	10.00
230	9.00	9.00	627.00	10.00
231	9.00	9.00	626.00	10.00
232	9.00	9.00	625.00	10.00
233	9.00	9.00	624.00	10.00
234	9.00	9.00	623.00	10.00
235	9.00	9.00	622.00	10.00
236	9.00	9.00	621.00	10.00
237	9.00	9.00	620.00	10.00
238	9.00	9.00	619.00	10.00
239	9.00	9.00	618.00	10.00
240	9.00	9.00	617.00	10.00
241	9.00	9.00	616.00	10.00
242	9.00	9.00	615.00	10.00
243	9.00	9.00	614.00	10.00
244	9.00	9.00	613.00	10.00
245	9.00	9.00	612.00	10.00
246	9.00	9.00	611.00	10.00
247	9.00	9.00	610.00	10.00
248	9.00	9.00	609.00	10.00
249	9.00	9.00	608.00	10.00
250	9.00	9.00	607.00	10.00
251	9.00	9.00	606.00	10.00
252	9.00	9.00	605.00	10.00
253	9.00	9.00	604.00	10.00
254	9.00	9.00	603.00	10.00
255	9.00	9.00	602.00	10.00
256	9.00	9.00	601.00	10.00

THIS ALIGNMENT VOID FROM 231+13
SEE 39-B,1



Station	Left	Right	Grade	Width
224	9.00	9.00	633.00	10.00
225	9.00	9.00	632.00	10.00
226	9.00	9.00	631.00	10.00
227	9.00	9.00	630.00	10.00
228	9.00	9.00	629.00	10.00
229	9.00	9.00	628.00	10.00
230	9.00	9.00	627.00	10.00
231	9.00	9.00	626.00	10.00
232	9.00	9.00	625.00	10.00
233	9.00	9.00	624.00	10.00
234	9.00	9.00	623.00	10.00
235	9.00	9.00	622.00	10.00
236	9.00	9.00	621.00	10.00
237	9.00	9.00	620.00	10.00
238	9.00	9.00	619.00	10.00
239	9.00	9.00	618.00	10.00
240	9.00	9.00	617.00	10.00
241	9.00	9.00	616.00	10.00
242	9.00	9.00	615.00	10.00
243	9.00	9.00	614.00	10.00
244	9.00	9.00	613.00	10.00
245	9.00	9.00	612.00	10.00
246	9.00	9.00	611.00	10.00
247	9.00	9.00	610.00	10.00
248	9.00	9.00	609.00	10.00
249	9.00	9.00	608.00	10.00
250	9.00	9.00	607.00	10.00
251	9.00	9.00	606.00	10.00
252	9.00	9.00	605.00	10.00
253	9.00	9.00	604.00	10.00
254	9.00	9.00	603.00	10.00
255	9.00	9.00	602.00	10.00
256	9.00	9.00	601.00	10.00

Excavation and Embankment Data:

Excavation	1525 CU. YDS.
Embankment	+15% 1512 CU. YDS.
Exc. 170 CU. YDS.	
EMB.+15% 166 CU. YDS.	
Exc. 378 CU. YDS.	
EMB.+15% 379 CU. YDS.	
Exc. 224 CU. YDS.	
EMB.+15% 220 CU. YDS.	
Exc. 575 CU. YDS.	
Exc. 1985 CU. YDS.	
Exc. 575 CU. YDS.	
EMB.+15% 1394 CU. YDS.	
Exc. 543 CU. YDS.	
EMB.+15% 543 CU. YDS.	

Guard rail at present in place from Sta. 225+80 to Sta. 229+31 on right and from Sta. 224+25 to Sta. 225+65 on left. To be taken down and rebuilt. No new material required.

Sta. 226+69 Present conc. curb. In good condition. No new work required.

Conc. gutter to be built on right from Sta. 228+80 to Sta. 230+65 and from 231+06 to 232+00 and on left from 228+50 to 232+00. Total length 629 lin. ft.

Approach to be built to improved road Sta. 230+70. 80 tons of #2 & #1 Stone required.

Conc. curb to be built at Sta. 230+67.5 for header, length 300.00.

Sta. 230+87 Sec. D. 2 catchbasins now in place to be removed. Take up and relay 63 ft of 12" Con. L.P. New headwalls to be built as shown on detail plan.

BM Sta. 241+40 Middle of conc. window sill in W window on S. side of cottage Elev. 663.10

BM Sta. 249+75 Chiseled x on top of N wall of conc. c.b. 40 ft left. Elev. 649.54

Sta. 242+56. Present of 12" Con. L.P. and one 50 ft of 10" c.b. required. Sid. #2 c.b. required.

Sta. 249+72. 40 ft of 10" tile across road. C.B. and tile to be relaid to 20 cu. yds. Excav. Conc. gutter.

Sta. 251+48. Remove present 6" V.S.P. and 2" Sid. Cur. P. and conc. headwalls. Conc. gutter required.

Sta. 255+48 to 256+00. Sid. conc. gutters required on both sides. Length 704 feet.