FED.AID DIST.NO	STATE	FED.AID PROJECT	FISCAL YEAR
	OHIO		1930

1/38

S.H.(I.C.H.) 508 SEC.F
LAWRENCE COUNTY

STATE OF OHIO
DEPARTMENT OF HIGHWAYS

PLATFORM~GALLIPOLIS ROAD

S.H.(I.C.H.) No. 508 SEC. F PET. No. 6736

LAWRENCE COUNTY

ROME TOWNSHIP FEB. 1930

The Standard Specifications of the STATE OF OHIO, Department 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: G. C. Kinsley
Date: 3/22/1930 Resident District Deputy Director

Approved: Chas. Yoel
Date: 3/31/30 Resident Division Deputy Director

Approved: R.S. Brightler by H.P. Chapman
Date: 5-8-30 Chief Engineer Bureau of Construction

Approved: ___
Date: ___ Chief Engineer Bureau of Maintenance

Approved: ___
Date: ___ Chief Engineer Bureau of Bridges

Approved: ___
Date: ___ Chief Engineer

Approved: ___
Date: ___ Director of Highways

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

Checked:- R.W. Van Atta 5-8-30

CONVENTIONAL SIGNS:

State line	——·——
County line	——·—·——
Township line	—— ——
Section line	----------
Property line not fenced	————
Center line	——o——o——
City or Village line	——·—·—·——
Fence	—×—×—×—
Telephone or telegraph	– – – – – –
Steam railroad	▬▬▬▬▬
Electric line	————
Guard rail	—o—o—o—o—o—
Drain pipe - new	————
Drain pipe - old	----------

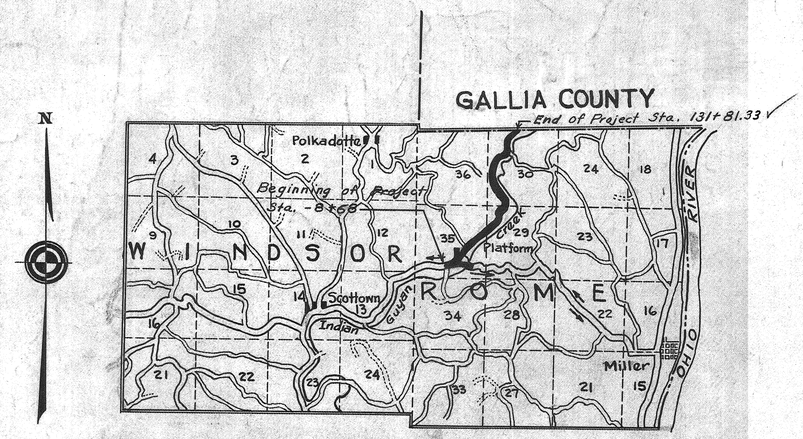
We, the Commissioners of Lawrence County, hereby approve these plans and certify that the right-of-way 60 feet wide is available for the construction, maintenance and repair of the above highway.

— — — — — — — — — — —

— — — — — — — — — — —

— — — — — — — — — — —

Date: 1930, County Commissioners.



LOCATION PLAN

SCALE OF MILES
0 ½ ½ ¾ 1 2 3

PORTION TO BE IMPROVED ▬▬
DETOURS SHOWN THUS ⇐⇐⇐
IMPROVED ROADS ═══

SCALES	
PLAN	1" = 100'
PROFILE VERTICAL	1" = 10'
PROFILE HORIZONTAL	1" = 100'
CROSS SECTIONS	1" = 5'

INDEX OF SHEETS	P
TITLE PAGE	1
TYPICAL CROSS SECTION	2
PLANS AND PROFILE	3 – 7
CROSS SECTIONS	8 – 27
WIDENING TABLES	28
STRUCTURAL PLANS	29 – 37
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SUPPLEMENTAL PRINTS OF STRUCTURAL STANDARDS DRAWINGS Nº 300, BC-A, BC-B, CW-A, SC-A, SB-2430, RR-4, 105

CONSTRUCTION BUREAU AUG 27 1956 GROUND PHOTOLAB

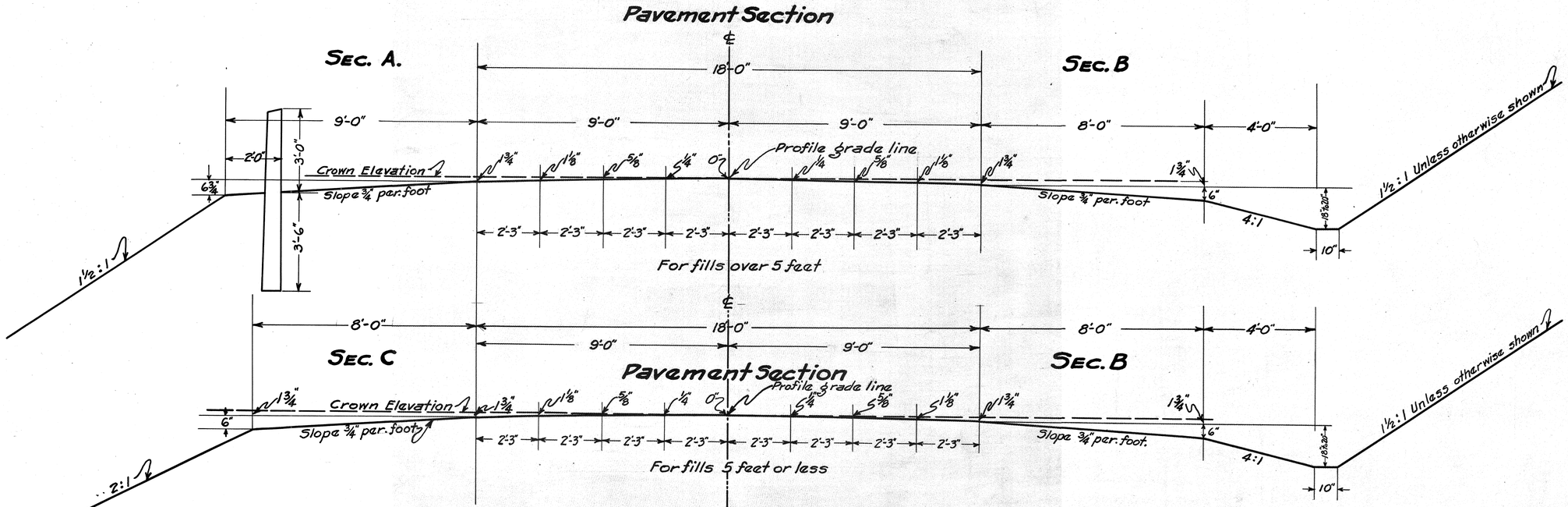
24 LAWRENCE 508 F
1930

FED. AID DIST. No.	STATE	FED. AID PROJECT	FISCAL YEAR
	OHIO		1930

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S.H.(I.C.H.) 508, SEC. F
LAWRENCE COUNTY

TYPE D



TYPICAL SECTIONS

SCALE IN FEET

0 2 4 6 8 10

Note: Grading will be completed to the Cross Section shown.

Note: Pavement Section on all curves will be superelevated and on all curves where the degree of Curvature is more than 5° will be widened. See tables on Sheet Nº 28

FED. AID DIST. NO.	STATE	FED. AID PROJECT	FISCAL YEAR
	OHIO		1930

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S.H.(I.C.H.)508 SEC. F
LAWRENCE COUNTY

(1) Sta. 2+55
Remove 12"×56' V.S.P.
Build Std. 12"×160' V.S.P. Cul.

Δ° 67°03'
Dc= 10°00'
T = 379.60'
L = 670.50
R = 572.96'

P.I. 2+18.3
Guyan Valley Missionary Baptist Church
Effie S. Sheets
Church
Stone Store
Hub P.I. 1+90.4
Sta. 2+18 Jos. T. Wall
Jos. T. Wall
Effie S. Sheets
Sta. 1+30

(2) Sta. 5+25
Remove 24'-12" V.S.P.
Build Std. 12"×42' V.S.P. Cul.

N 16°18' E
P.C. 4+29.17
Old Store
Spring
Silo
Nail 12" Maple
Nail 8" Maple
Spike at Sub-P.I. Sta. 13+86.42
Spike at Sub-P.I. Sta. 10+43.22
P.I. 12+52.73 (Inaccessible)
20 Drive
75' Drive
H
Lawrence Co. Rd. 41
Sta. 12+78.5
Remove 16'×12' I Beam Bridge
Build Std 6'×3'×41' Conc. Box

(3)

Δ° = 61°12'
Dc = 8°00'
T = 423.56'
L = 765.00'
R = 716.20'

P.T. 15+94.17

(4) Sta. 15+90
Build Std. 12"×40' V.S.P. Cul.

N 77°30' E
Effie S. Sheets
Harschel W. & Estol C. Nance
164 Drive
Well
Sta. 20+61
Build Std. Slab Top Bridge
10' Span, 30' Roadway

(5)

(6) Sta. 23+70
Build Std. 12"×42' V.S.P. Cul.

Harschel W. & Estol C. Nance
Lydia Hardesty
Drive
P.C. 23+75.28
Harschel W. & Estol C. Nance
Lydia Hardesty

(7) Sta. 26+15
Remove 24'-12" V.S.P.
Build Std. 12"×50' V.S.P. Cul.

Hub P.I. 26+11.98
44.48' x on Rock
45.29' x on Rock

Δ° = 36°35'
Dc= 8°00'
T = 236.75'
L = 457.29'
R = 716.20'

P.T. 28+32.04
Lydia Hardesty
Minnie Shockley

(8) Sta. 29+52
Remove 40"-12" V.S.P.
Build Std. 12"×50' V.S.P. Cul.

N 40°39' E
Lydia Hardesty
Minnie Shockley
Sta. 24+0 to Sta. 30+40 on Rt.
Build 640' Std. Type D-1 Guard Rail.
Sta. 30+60 to Sta. 32+68 on Rt.
Build 208' Std. Type D-1 Guard Rail
30+20.63 P.C.
Sta. 32+33
Remove 4'×2'-6"×13' Stone Box.
Build Std. 3'×3'×58'-6" Box Cul.
P.I. 33+04
Δ°=40°30'
Dc= 7°00'
T=301.97
L=578.57
R=818.51'
35+80.6 P.T.

(9)

CURVE DATA ON SHEET Nº 28

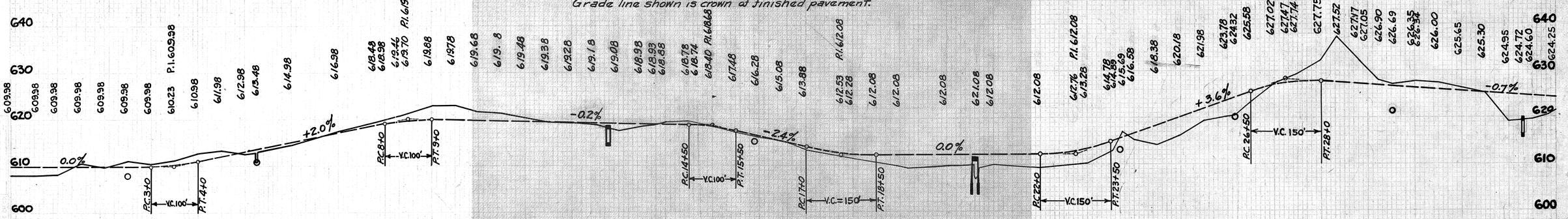
B.M. Sta. 4+60
Aluminum Tablet
50' N. of Old Store
Elev. 616.85

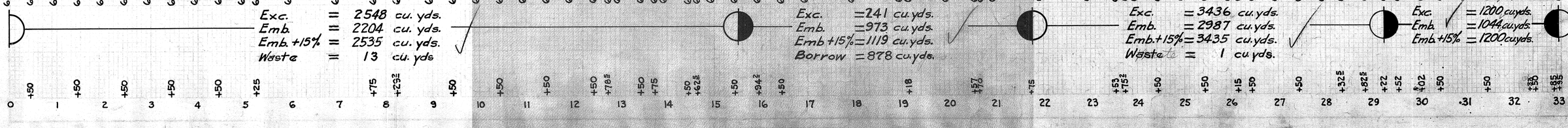
B.M. Sta. 13+40
Spike root 10" Locust
30' Lt. of ℄
Elev. 619.88

B.M. Sta. 23+65
Spike base 18" B. Walnut
27' Lt. of ℄
Elev. 618.61

B.M. Sta. 28+60
Spike 8" Elm Stump
30' Rt. of ℄
Elev. 626.68

Grade line shown is crown of finished pavement.

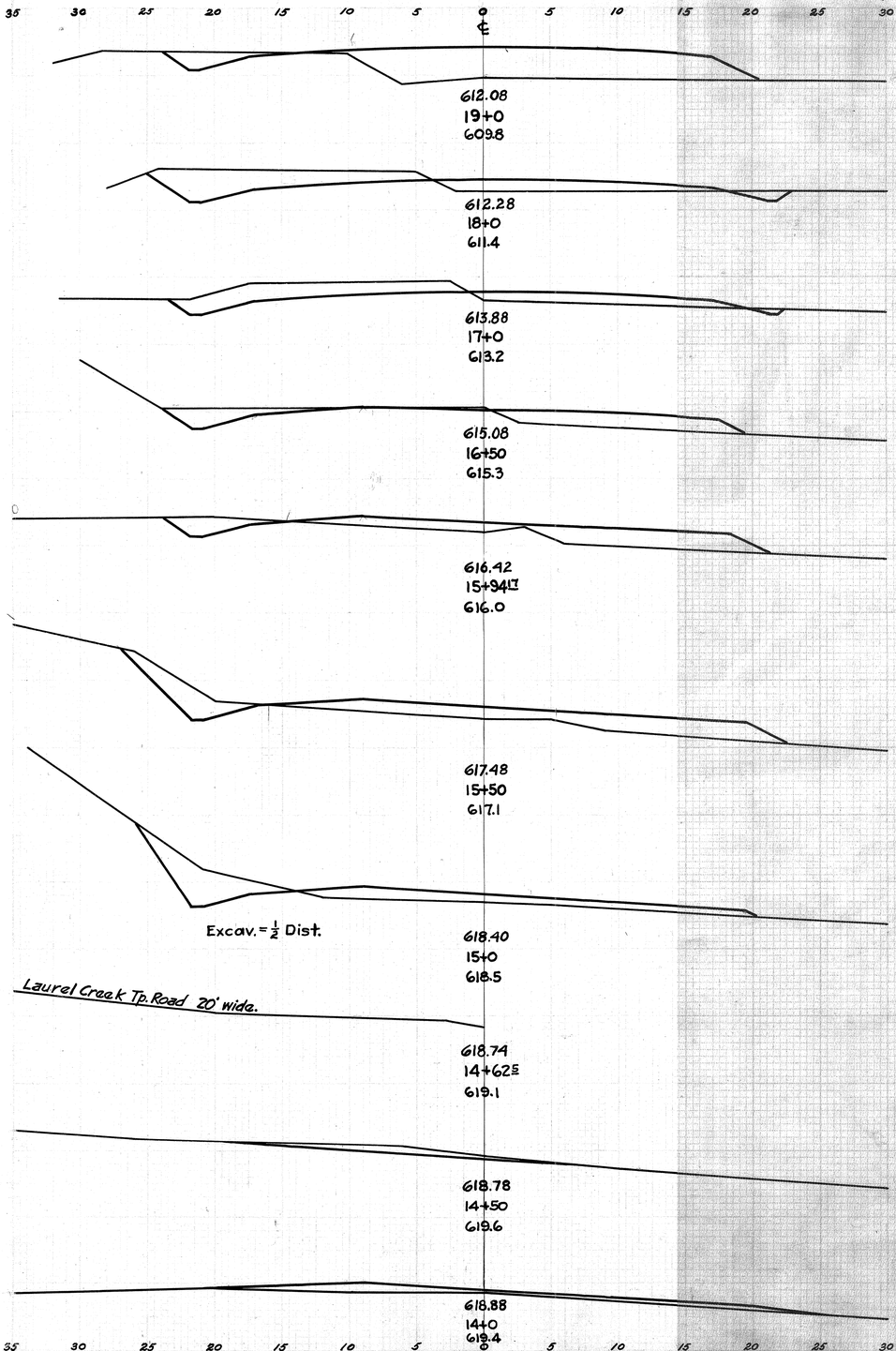




FED. AID DIST. NO.	STATE	FED. AID PROJECT	FISCAL YEAR
	OHIO		1930

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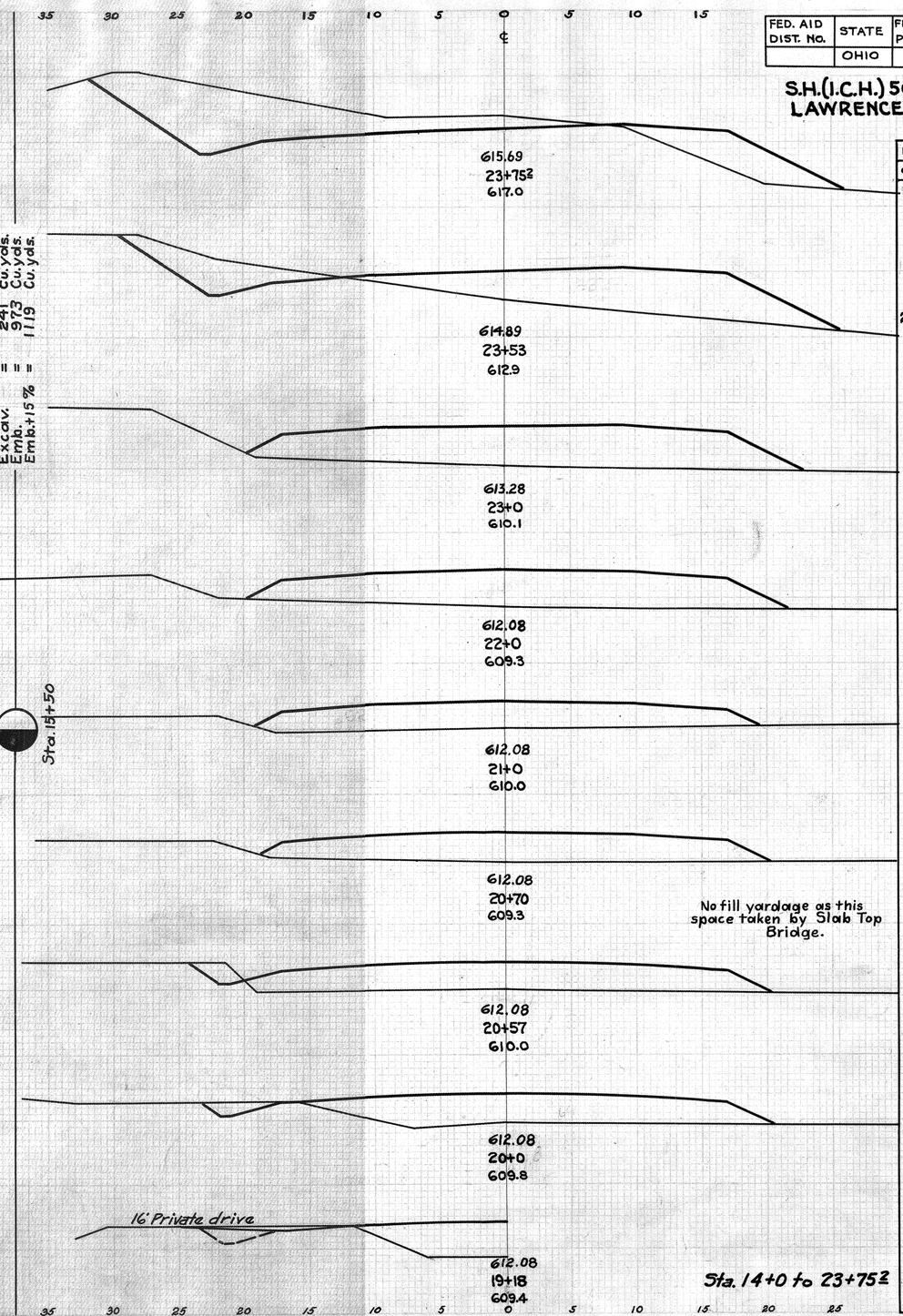
S.H.(I.C.H.) 508, SEC. F
LAWRENCE COUNTY



END AREA CUT	END AREA FILL	CU. YDS. CUT	CU. YDS. FILL
6	59		
		63	133
28	13		
		94	48
23	13		
		29	27
8	16		
		15	49
7	31		
		16	53
12	34		
		27	49
17	19		
		21	18
6	0		
		6	12
0	13		

Excav. = 241 Cu. yds.
Emb. = 973 Cu. yds.
Emb. + 15% = 1119 Cu. yds.

Sta. 15+50



END AREA CUT	END AREA FILL	CU. YDS. CUT	CU. YDS. FILL
84	28		
		45	44
25	80		
		25	183
0	106		
		0	365
0	91		
		(0	72
0	65	(0	215
		0	76
0	71		
		0	0
4	72		
		7	144
3	64		
		17	228

Sta. 21+75

FED. AID DIST. NO.	STATE	FED. AID PROJECT	FISCAL YEAR
	OHIO		1930

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SH. (I. C. H.) 508 SEC. F
LAWRENCE COUNTY

CULVERT DATA

Type: Std. V.S.P. Culvert, Dr. #300
Size: 12"x160'
Work: Req: Remove 12"x56' V.S.P.
Build Std. 12"x160' V.S.P. (Enc.) Culvert
Drawn by H. L. Kinley
Date 3/18/1930 — Ass't Engr.
Checked by ____ ____
Date ____ ____ ____ Div. Engr.

EST. QUANTITIES

Excav.	= 58	Cu. yds.
Conc. 1-5½	= 2.0	Cu. yds.
Conc. 1-8	= 17.1	Cu. yds.
Reinf. Steel	= 65	Lbs.
12" V.S.P.	= 160	Lin. ft.

1

PLAN

25'-6" | 110'-0" | 24'-6"

160'-0"

Tangent to 10° Curve "A" at Sta. 2+50

Tangent to 15.28° Curve "C" at Sta. 2+60

611.25 | 609.83 | 611.46 | 609.83 | 607.60 | 606.00

CROSS SECTION

STA. 2+55

3

PLAN

4'-1-0" | 22'-0" | 19'-0"

Note:-
Wings are identical and symmetrical.

CROSS SECTION

620.30 | 618.97 | 615.50

CULVERT DATA

Type: Std. Box Culvert, Dr.# BGA
Size: 6'x3'x41'
Work Req: Remove 16'x12" I-Beam Bridge
Build Std. 6'x3'x41' Box Culvert
Drawn by H. L. Kinley Asst. Engr.
Date 3/1/1930
Checked by ____ ____ Div. Engr.
Date ____ ____ ____ Road

EST. QUANTITIES

Excav.	= 18	Cu. yds.
Conc. 1-5½	= 27.4	Cu. yds.
Reinf. Steel	= 2,767	Lbs.

STA. 12+78½

5

SEC. N-N

French Drain
2'-6"
1'-6" | 1'-6" | 1'-6" Mix.
2'-6" Mix.
9'-0"
1'-3"

SEC. M-M

French Drain
2'-6"
1'-6" | 1'-6" | 1'-6" Mix.
2'-6" Mix.
At Center 1¼ Sq.
At Sides ¾ Sq.
3'-2"
7'-3¾"

PLAN

Note: Separate wings from Superstructure with two layers of ¼" Pre-molded exp. Joint filler at four corners of bridge.

Note: All wings are Type (B)

SEC. B-B

1'-3" | 2'-0" | 2'-6" Key
1'-6½ Mix.
3'-2"
7'-3"

CROSS SECTION

Railing Type A R.R. 4

30'-0" | 15'-0" | 15'-0"

612.50 | 612.08 | 612.50 | 603.50 | 603.50

BRIDGE DATA

Type: Std. Slab Top Bridge; Dr.# S.B.-2430
Size: H = 9'-0"; Roadway = 30'-0";
Span = 10'-0" Slab Top Bridge.
Work Req. Build Std. Slab Top Bridge.
Drawn by H. L. Kinley Road
Date 3/1/1930 — Asst. Engr. Superstructure
Checked by ____ ____ Div. Engr.
Date ____ ____ ____

EST. QUANTITIES

Substructure
(Excav. = 85 Cu. yds.
Conc. 1-6½ Wall = 25.5 Cu. yds.
Conc. 1-6½ Footings = 25.2 Cu. yds.
Reinf. Steel = 280 lbs.)

Superstructure
(Conc. = 14.1 Cu. yds.
Reinf. Steel = 1930 lbs.
Preim Exp. Jt. Filler = 22 Sq. ft.
Railing (Type RR-4) = 26 lin. ft.)

STA. 20+61

FED. AID DIST. NO	STATE	FED. AID PROJECT	FISCAL YEAR
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S.H.(I.C.H.)508, SEC. F
LAWRENCE COUNTY

SUMMARY OF QUANTITIES:

NO	STA.	TYPE	SIZE	LENGTH	EXCAV	CONCRETE			REIN	VIT. SEWER PIPE			BR. RAILING		½" EXP. JT.	LIN. FT.	Remarks
					CU. YDS.	1-5½ CU. YDS.	1-6½ CU. YDS. FOOTER	1-6½ CU. YDS. WALL	1-8 CU. YDS.	STEEL LBS.	12" LIN. FT.	15" LIN. FT.	18" LIN. FT.	LIN. FT. RR-4	LIN. FT. RR-6	FILLER SQ. FT.	COPPER EXP. JT.	
STRUCTURES 20' AND UNDER																	
1	2+55	V.S.P. (Enc.)	12"	160'	58	2.0			17.1	65	160							Remove V.S.P. Build Std. V.S.P. Culvert
2	5+25	V.S.P. (Enc.)	12"	42'	14	2.0			4.3	65	42							Remove V.S.P. Build Std. V.S.P. Culvert
3	12+78½	Conc. Box	6'x3'	41'	18	27.4				2767								Remove I-Beam Bridge Build Std. Conc. Box Culvert
4	15+90	V.S.P. (Enc.)	12"	40'	15	2.0			4.1	65	40							Build Std. V.S.P. Culvert
5	20+61	Conc. Slab	Rdy. 30'	Span. 10'	85	14.1	25.2	25.5		2210				26		22		Build Std Conc. Slab Top Bridge
6	23+70	V.S.P. (Enc.)	12"	42'	24	2.0			4.3	65	42							Build Std. V.S.P. Culvert
7	26+15	V.S.P. (Enc.)	12"	50'	14	2.0			5.2	65	50							Remove old V.S.P. Build Std. V.S.P. Culvert
8	29+32	V.S.P. (Enc.)	12"	50'	36	2.0			5.2	65	50							Remove old V.S.P. Build Std. V.S.P. Culvert
9	32+33	Conc. Box	3'x3'	58'-6"	33	24.7				2069								Remove old Stone Box Culvert Build Std. Conc. Box Culvert
10	36+37	V.S.P. (Enc.)	15"	40'	23	2.3			4.9	70		40						Remove old V.S.P. Build Std. V.S.P. Culvert
11	41+22	V.S.P. (Enc.)	12"	48'	29	2.0			5.0	65	48							Remove old V.S.P. Build Std. V.S.P. Culvert
12	44+92	V.S.P. (Enc.)	12"	48'	21	2.0			5.0	65	48							Remove old V.S.P. Build Std. V.S.P. Culvert
13	48+0	V.S.P. (Enc.)	12"	40'	22	2.0			4.1	65	40							Build Std. V.S.P. Culvert
14	50+68	V.S.P. (Enc.)	12"	40'	16	2.0			4.1	65	40							Remove old V.S.P. Build Std. V.S.P. Culvert
15	53+72	Conc. Box	3'x3'	40'	29	17.8				1465								Remove old Stone Culvert Build Std. Conc. Box Culvert
16	57+50	V.S.P. (Enc.)	18"	42'	27	2.7			6.2	80			42					Build Std. V.S.P. Culvert
17	60+0	V.S.P. (Enc.)	12"	50'	12	2.0			5.2	65	50							Build Std. V.S.P. Culvert
18	63+0	V.S.P. (Enc.)	12"	48'	7	2.0			5.0	65	48							Build Std. V.S.P. Culvert
19	71+0	V.S.P. (Enc.)	12"	42'	20	2.0			4.3	65	42							Build Std. V.S.P. Culvert
20	75+05	V.S.P. (Enc.)	12"	50'	13	2.0			5.2	65	50							Remove old Cor. Pipe Build Std. V.S.P. Culvert
21	78+0	V.S.P. (Enc.)	12"	48'	27	2.0			5.0	65	48							Build Std. V.S.P. Culvert
22	80+15	V.S.P. (Enc.)	12"	56'	24	2.0			5.8	65	56							Remove old Cor. Pipe Build Std. V.S.P. Culvert
23	84+0	Conc. Box	14'x10'	53	176	175				26266							54	Build Std Conc. Box Culvert With Std. Conc. Wings & Walls
24	91+50	V.S.P. (Enc.)	12"	40'	11	2.0			4.1	65	40							Build Std. V.S.P. Culvert
25	98+50	V.S.P. (Enc.)	12"	46'	8	2.0			4.8	65	46							Build Std V.S.P. Culvert
26	100+19	V.S.P. (Enc.)	15"	46'	18	2.3			5.7	70		46						Remove old Cor. Pipe Build V.S.P. Culvert
27	105+46	V.S.P. (Enc.)	18"	54'	11	2.7			8.0	80			54					Remove old Cor. Pipe Build V.S.P. Culvert
28	109+22	Conc. Box	6'x3'	54'	26	36.6				3687								Build Std. Conc Culvert
29	117+25	V.S.P. (Enc.)	12"	48'	7	2.0			5.0	65	48							Build Std. V.S.P Culvert
30	119+50	V.S.P. (Enc.)	12"	50'	15	2.0			5.2	65	50							Build Std V.S.P Culvert
31	123+75	V.S.P. (Enc.)	12"	60'	46	2.0			6.3	65	60							Remove old Cor. Pipe. Build Std V.S.P. Culvert
32	127+54½	V.S.P. (Enc.)	18"	54'	27	2.7			8.0	80			54					Build Std. V.S.P. Culvert
-1	-2+68	V.S.P. (Enc.)	12"	36'	8	2.0			3.7	65	36							Build Std V.S.P. Culvert
-2	-6+19	Conc. Box	3'x2'	37'	22	13.8				1225								Build Std. Conc. Box Culvert
-3	-8+58	V.S.P. (Enc.)	12"	42'	21	2.0			4.3	65	42							Remove old V.S.P & old Cor. Pipe Build Std V.S.P. Culvert
		TOTALS			965	368.1	25.2	25.5	155.1	41564	1176	86	150	26		22	54	
STRUCTURES OVER 20'																		
-4																		
		TOTALS																

SUMMARY OF EXCAVATION AND EMBANKMENT

FROM STATION	TO STATION	CUBIC YARDS EXC.	EMB.	EMB +S%	WASTE	BORROW
0+0	15+50	2548	2204	2535	13	
15+50	21+75	241	973	1119		878
21+75	29+22	3486	2987	3435	1	
29+22	32+95	1200	1044	1200		
32+95	40+10	2845	2499	2874		29
40+10	54+0	3583	3072	3533	50	
54+0	62+0	3893	3484	4007		114
62+0	71+90	6721	3881	6763		42
71+90	77+80	3128	2729	3138		10
77+80	81+60	1886	1616	1858	28	
81+60	95+65	11617	9724	11183	434	
95+65	110+46	7128	6197	7127	1	
110+46	116+75	3000	2609	3000		
116+75	131+81.33	7295	6486	7459		164
-2+68A	0+0A	00	1059	1218		1218
-8+68	-2+68	528	517	595		67
TOTALS		59,049	53,081	61,044	527	2522

SUMMARY TYPE D-1 GUARDRAIL

FROM STA.	TO STA.	SIDE OF ROAD	LIN. FEET
24+0	30+40	Rt.	640'
30+60	32+68	Rt.	208
36+80	47+20	Rt.	1040
58+60	65+64	Rt.	704
58+60	65+48	Lt.	688
67+0	71+88	Rt.	488
72+08	81+12	Rt.	904
83+15	87+15	Rt.	400
83+60	86+80	Lt.	320
95+90	99+90	Rt.	400
100+10	107+38	Rt.	728
114+42	117+38	Rt.	296
117+62	128+50	Rt.	1088
TOTAL			7904

SUMMARY OF EXTRA PAVEMENT

STATION	FOR	SQ. YDS.
1+90.00	Curve	424.23
12+52.73	Curve	216.73
26+11.98	Curve	132.48
33+04	Curve	154.35
40+38.29	Curve	206.84
58+66.95	Curve	235.81
69+57.35	Curve	316.98
88+30.38	Curve	0.00
106+55.60	Curve	226.82
119+00.03	Curve	297.61
125+89.73	Curve	122.46
132+92.53	Curve	18.55
TOTAL		2352.86

LAWRENCE COUNTY
I.C.H. 508, SEC. F
R/W PLANS
1/3

SR 218

JOS. H. GARLIC
PLATFORM P.O., O.
1

JOS. H. GARLIC
PLATFORM P.O., O.
3

EFFIE S. SHEETS
PLATFORM P.O., O.
7

JOS. H. GARLIC
PLATFORM P.O., O.
1

HERSCHEL W. & ESTOL C. NANCE
PLATFORM P.O., O.
8

EFFIE S. SHEETS
PLATFORM P.O., O.
6

JOS. H. GARLIC
PLATFORM P.O., O.
3

J.T. WALL
PLATFORM P.O., O.
4

HERSCHEL W. & ESTOL C. NANCE
PLATFORM P.O., O.
8

J.T. WALL
PLATFORM P.O., O.
7 OK to Sta 20.

G.T. NULL
PLATFORM P.O., O.
8 to Sta 20

P.I. 0+0

P.C. 1+89½ = Sta. 7+79 92 of Line "B"

P.T. 4+81³

Δ° = 67°03'L
Dc = 10°00'
T = 379.60'
L = 670.50'
R = 572.96'

P.C. 8+29¹⁷

P.T. 15+94¹²

Δ° = 61°12'R
Dc = 8°00'
T = 423.56
L = 765.00'
R = 716.20

P.C. 9+97¹²

P.T. 17+50⁵

Δ° = 45°10'R
Dc = 6°00'
T = 397.18'
L = 752.78'
R = 954.93'
L/100 = 75.30'

Δ° = 83°32'R
Dc = 15°56'
T = 344.90'
L = 346.88'
R = 375.00'
L/100 = 127.77'

Hub at Sub Pl. Sta. 10+43²

Nail 12" Maple
Nail 8" Maple
Spike at Sub. Pl. Sta. 13+86²³

Hub Pl. 1+30³ Curve A

Hub Pl. 2+69⁵ Curve C

Hub Pl. 5+54 Curve B

Hub Pl. 20+85

Nail 12" W. Oak
Nail 10" R. Oak

Jos. H. Garlic
G.T. Null Ln.
Old Jos. H. Garlic

J.T. Wall
G.T. Null Ln.

Effie S. Sheets
Herschel W. & Estol C. Nance

SECTION
ROAD
CURVE
CREEK
INDIAN GUYAN
CHURCH
TRUSTEES GUYAN VALLEY MISS. BAPTIST CH.
Effie S. Sheets PLATFORM P.O., OHIO
J.T. WALL PLATFORM P.O., 4C
"A"
"B"
"C"
"D"
"E"
"F"
N. 83°21'E.
S. 51°28'E.
N. 77°30'E.
N. 16°18'E.
N. 56°13'E.
S. 11°35'W.
494'
508

3A

File SH 508 -305