

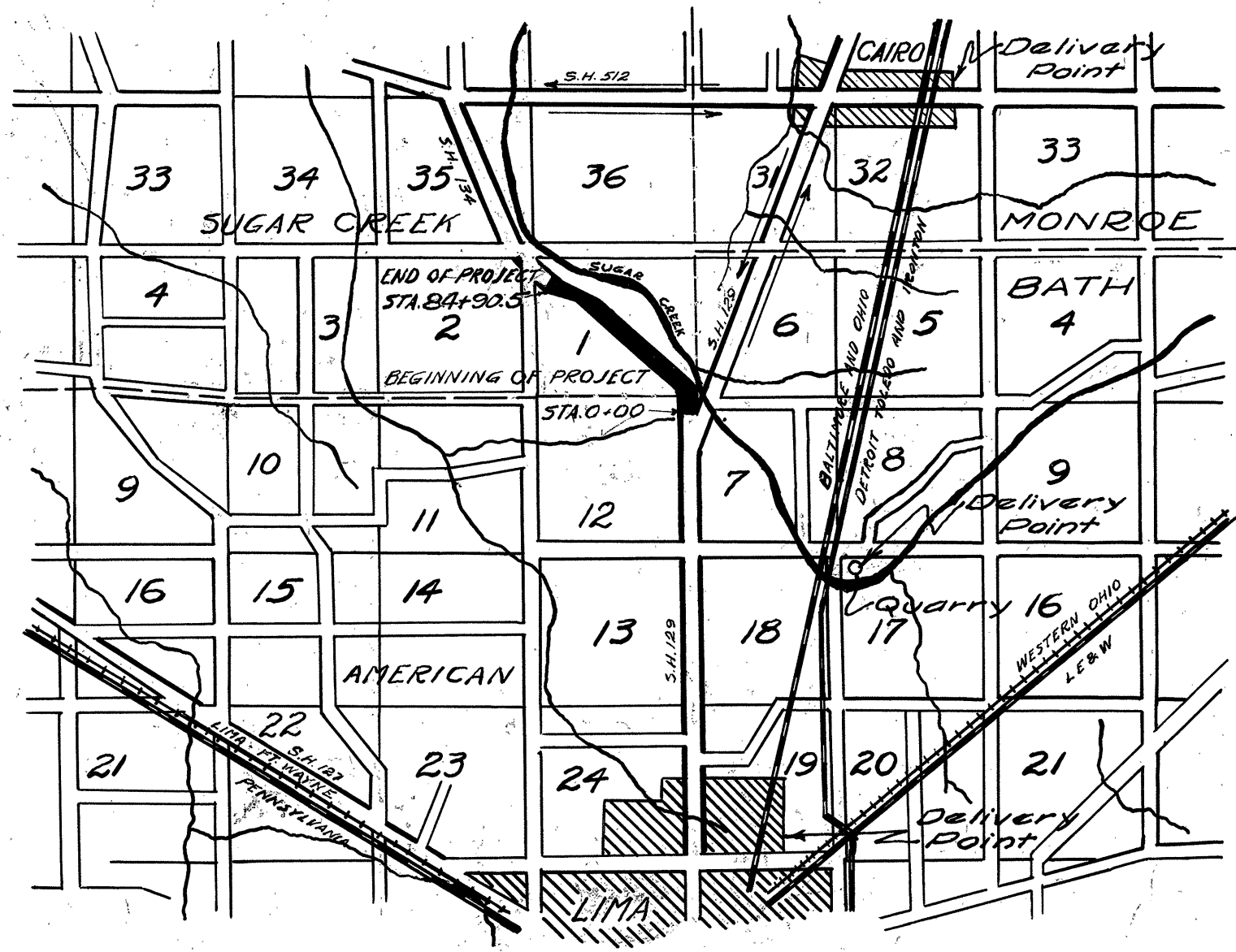
STATE OF OHIO  
DEPARTMENT OF HIGHWAYS  
LIMA — KALIDA ROAD  
SH. 134 SEC. B. PT.  
ALLEN COUNTY  
SUGAR CREEK TOWNSHIP

- CONVENTIONAL SIGNS -

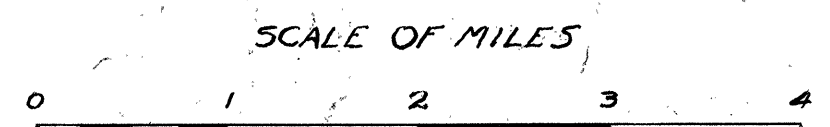
COUNTY LINE \_\_\_\_\_  
TOWNSHIP LINE \_\_\_\_\_  
PROPERTY LINE - NO FENCE \_\_\_\_\_  
CENTER LINE \_\_\_\_\_  
FENCE \_\_\_\_\_  
STEAM RAIL ROAD \_\_\_\_\_  
ELECTRIC LINE \_\_\_\_\_

SUPPLEMENTARY  
- STD. DWGS. -

No.	95
No.	98
No.	100
No.	300
No.	305
No.	123



LOCATION PLAN



- SCALES -

PLAN 1" = 100'  
PROFILE VERT. 1" = 5'  
PROFILE HORIZ. 1" = 100'  
CROSS SECTIONS 1" = 5'  
CHANNEL SECTIONS 1" = 5'

PORTION TO BE IMPROVED

DETOURS SHOWN THUS

✓ THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF HIGHWAYS IN FORCE ON DATE OF CONTRACT WILL GOVERN THIS CONTRACT.

✓ 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 AND RIGHT-OF-WAY WILL BE PROVIDED AS SHOWN ON THE PLANS AND ESTIMATE.

APPROVED \_\_\_\_\_  
DATE \_\_\_\_\_ RESIDENT DISTRICT DEPUTY DIRECTOR

APPROVED *Chas. Ash*  
DATE 5-12-32 RESIDENT DIVISION DEPUTY DIRECTOR

✓ APPROVED *Ednae Hiltey*  
DATE 5-14-32 CHIEF ENGINEER, BUREAU OF CONSTRUCTION

APPROVED \_\_\_\_\_  
DATE \_\_\_\_\_ CHIEF ENGINEER, BUREAU OF MAINTENANCE

APPROVED \_\_\_\_\_  
DATE \_\_\_\_\_ CHIEF ENGINEER, BUREAU OF BRIDGES

✓ APPROVED *H. O. Chapman*  
DATE 5-14-32 CHIEF ENGINEER & FIRST ASST. DIRECTOR

✓ APPROVED *W. M. Merrell*  
DATE 5-14-32 DIRECTOR OF HIGHWAYS

OK. For 20 ft. Concrete Pavt Grdg & Strs.  
G. L. M. 4/22/32.

- INDEX -

SHEET	PAGE
TITLE SECTION	1
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PLAN & PROFILE	3-5
STRUCTURAL PLANS	6-7
CROSS SECTIONS	8-17
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REPRODUCED  
MAR 3 1938  
ARCHIVE (2008600)

112

FED. RD. DIST. NO.	STATE	FED. AID PROJECT	FISCAL YEAR
10	CHIO		

2/16

ALLEN COUNTY  
S.H. 134 SEC. 'B' pt.

# TYPICAL SECTION

(CONCRETE)  
TYPE "C"

With longitudinal joint as per std. dwg. 98 or 100  
and transverse joint as per std. dwg. 95, 96 & 123 as per specifications.

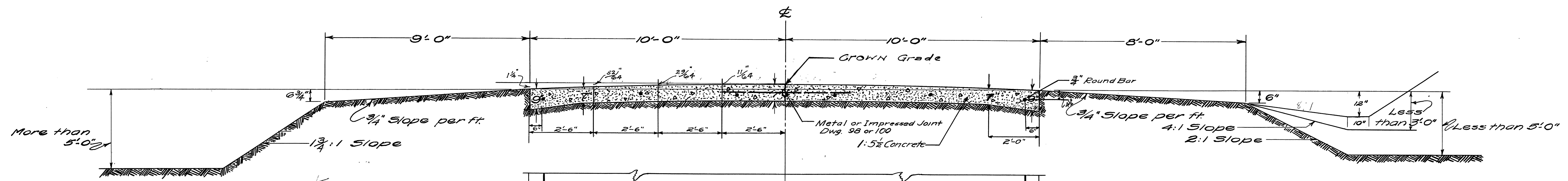
SCALE IN FEET



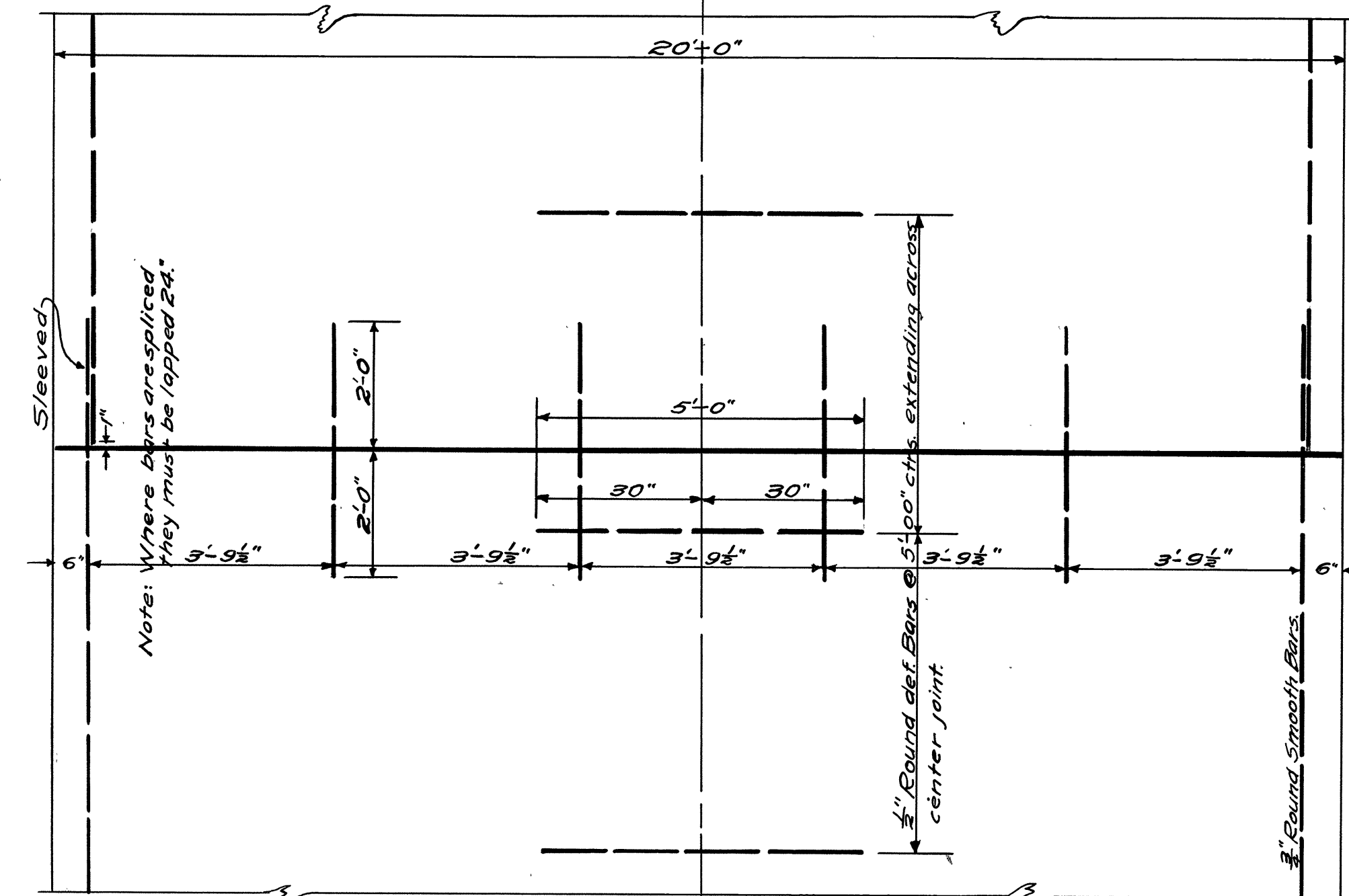
### NOTES

The aggregates to be used on this project shall come from a plant erected at the site of the material deposits from which the bidder proposes to furnish this material and producing aggregates prior to the date of receiving bids on this contract and such plant shall be equipped and the deposit be of such nature that the aggregates can be furnished in a satisfactory manner both as to quality and quantity.

In lieu of the provisions for the proportions of concrete as set forth for Portland Cement Concrete Pavement Item T-7.14 the mix shall be one sack of cement to not more than six cubic feet of aggregate.



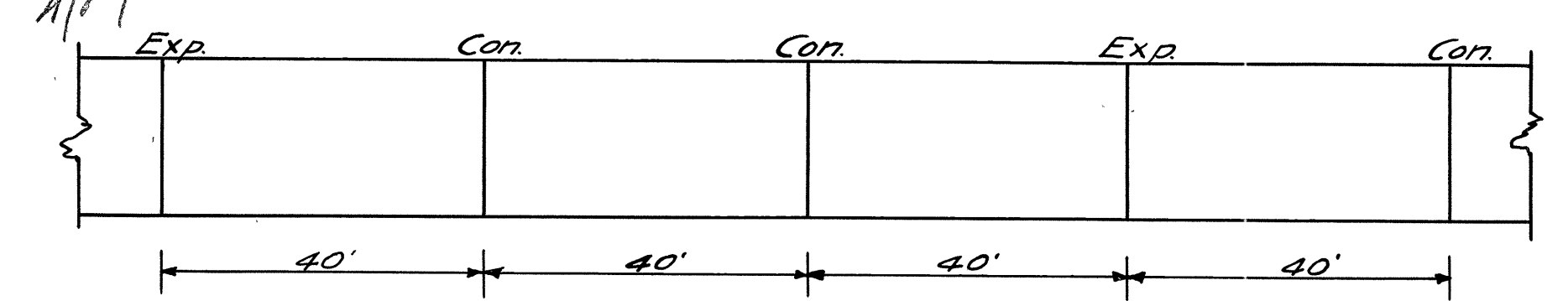
Note: Pavement on all curves will be super-elevated and on all curves where the curvature is 5° or more will be widened. See Tables on alignment sheets.



PLAN  
SHOWING JOINTS, DOWELS, & EDGE BARS

OK H.W. 11/2/02

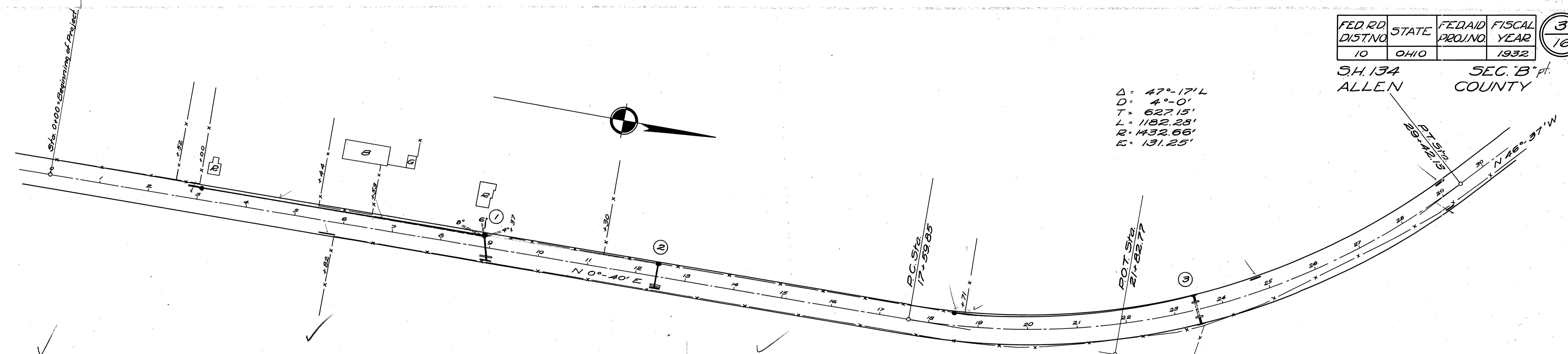
### JOINTS TO BE BUILT



DETAIL OF PLACING TRANSVERSE JOINTS  
STANDARD CONST. DRAWING No. 95 & 123  
as per specifications

MAR 3 1998  
ARCHIVE  
0086002

Δ = 47°-17' L  
D = 4°-0'  
T = 627.15'  
L = 1182.23'  
R = 1432.66'  
E = 131.25'



**- PRIVATE DRIVES -**

Station	Dir.	Lin. Ft.	Cu. Yds. Loose Stone
2+90	Lt.	20	3
5+71.5	Rt.	33	3
6+73	Lt.	24	3
18+93	Lt.	20	3
24+79	Lt.	20	3
28+95	Rt.	20	3
29+10	Lt.	20	3
Total		60	15

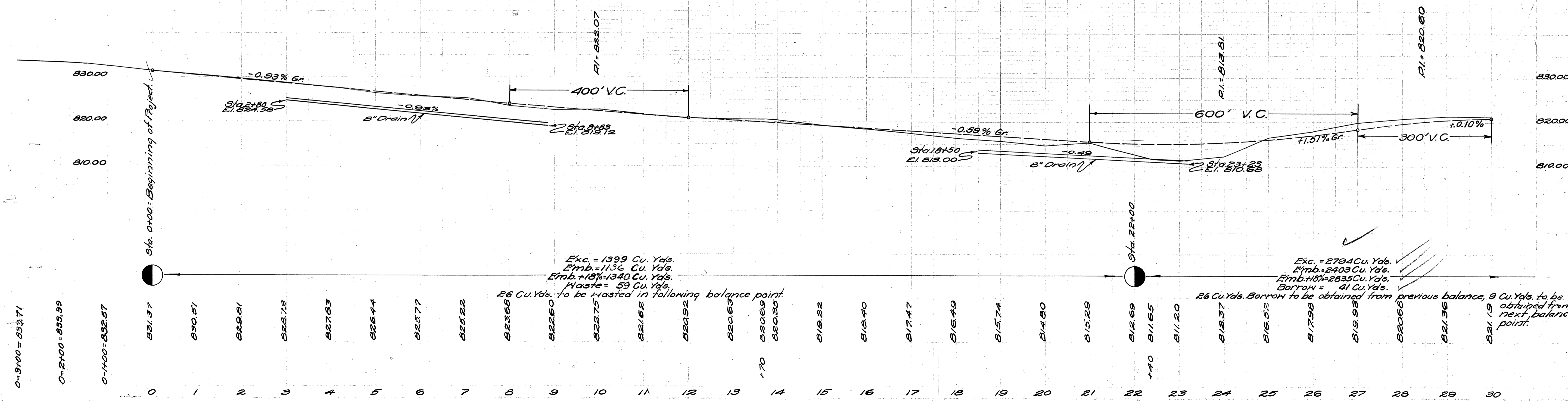
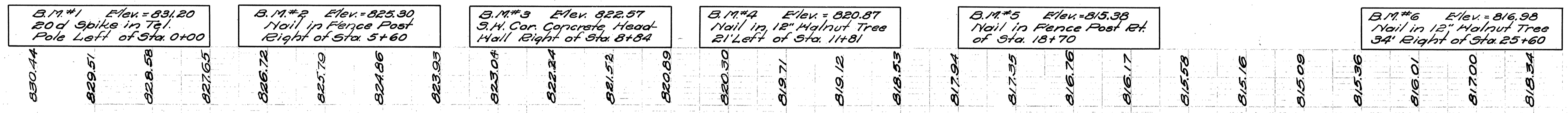
**CULVERTS**

For Detail See Sheet No.	Item No.	Station	Exc. Cu. Yds.	R.C.P. Lin. Ft.	C.I.P. Lin. Ft. 24" Relay	C.B. Sta. #	V.S.P. Lin. Ft. 8" Std.	Head Walls 8" Std.	Remarks	Reinf. Steel in Lbs.
6	1	8+92	46.0	50	-	1	6	1	Remove C.B. & 36" R.C.P. file (conc.) 1' off top Headwall.	33
6	2	12+42	19.0	45	-	1	6	1	Remove 35'-8" Corr. I.R. & Stone Headwall.	20
6	3	23+25	10.0	30	24	-	-	2	Remove 2 Headwalls & 4'-24" V.S.P.	65
Total			75.0	125	24	2	12	4		118

**- DRAIN TILE -**

Station	From	To	Dr. Tile Lin. Ft. 8"	Inlets Std. No. 1
3+00	6+61	Lt.	361	1
6+35	8+33	Lt.	198	-
18+50	18+73	Lt.	23	1
18+93	23+23	Lt.	430	-
Total			1012	2

MAR 3 1938  
ARCHIVE 20086003



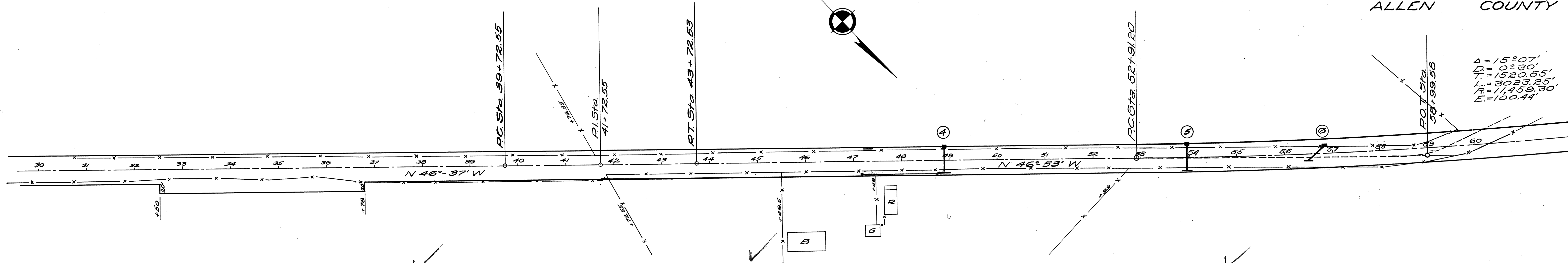
Exc. = 1399 Cu. Yds.  
Emb. = 1136 Cu. Yds.  
Emb. + 18% = 1340 Cu. Yds.  
Waste = 59 Cu. Yds.  
26 Cu. Yds. to be wasted in following balance point.

Exc. = 2794 Cu. Yds.  
Emb. = 2403 Cu. Yds.  
Emb. + 18% = 2835 Cu. Yds.  
Borrow = 41 Cu. Yds.  
26 Cu. Yds. Borrow to be obtained from previous balance, 9 Cu. Yds. to be obtained from next balance point.

0+3+00 = 833.71  
0+2+00 = 833.59  
0+1+00 = 832.57

Δ = 0°-16' L  
D = 0°-04'  
T = 200.00'  
L = 399.98'  
R = 85943.88'  
E = 0.23'

Δ = 15°-07'  
D = 0°-30'  
T = 1520.65'  
L = 3023.25'  
R = 1,459.30'  
E = 100.44'



- PRIVATE DRIVES -

Station	Conn. L.R.	Cu. Yds. Loose Stone
47+36 Rt.	20	3
47+37 Lt.	20	3
Total	40	6

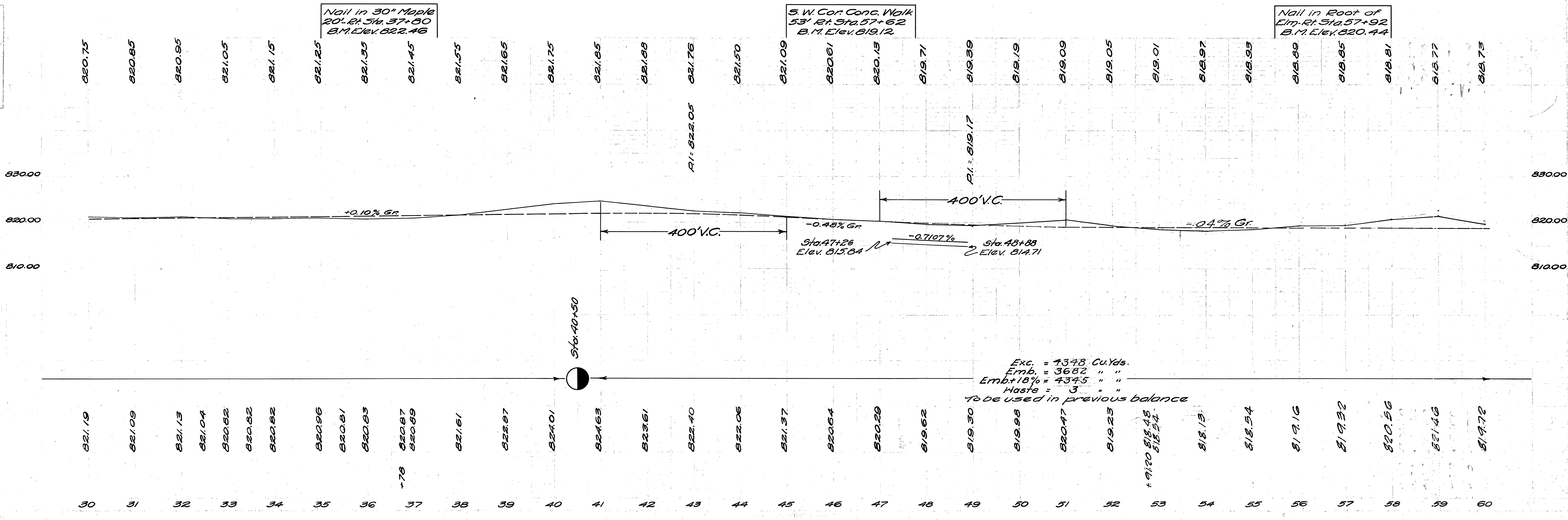
- CULVERTS -

For Detail See Sheet No.	Item No.	Station	Exc. Cu. Yds.	R.C.P. Lin. Ft. 12"	V.S.P. Lin. Ft. 8"	C.B. Sta. #	Headwall		Rainf. Pipe in lbs.	Remarks
							Std.	Std.		
6	4	48+89	21	46	8	1	-	1	30	Remove 34"-8" V.S.P. Conn.
6	5	53+87.5	22	52	6	1	1	-	20	Remove 37"-6" V.S.P. Conn.
6	6	56+63	19	43	6	1	1	-	20	Remove 37"-6" V.S.P. Conn.
-	Total	-	62	141	20	3	2	1	70	-

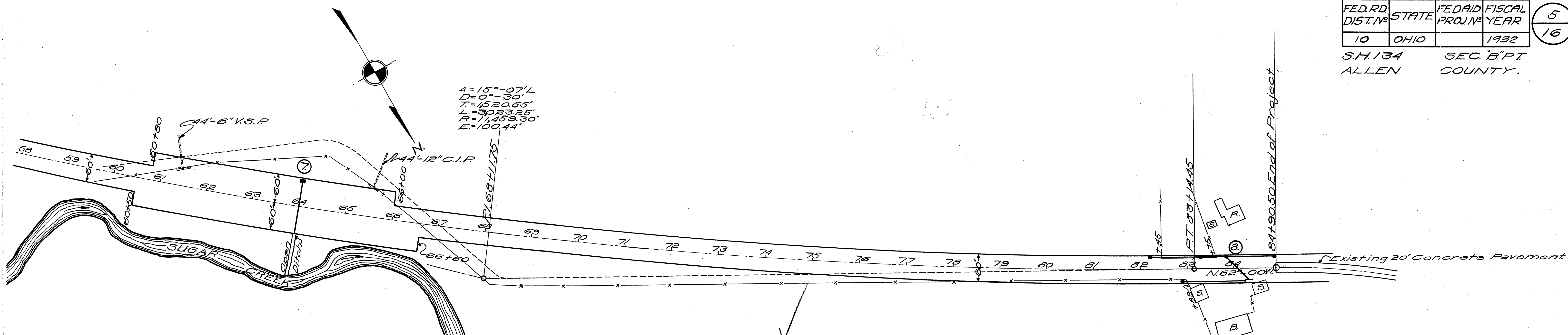
- DRAIN TILE -

Station	Dr. Tile Lin. Ft. 8"	Inlet Std. #
47+18 47+26 Rt.	8	1
47+46 48+85 Rt.	139	-
Total	147	1

MAR 3 1938  
ARCHIVE  
Geo. S. Co. Inc.



S.H. 134 SEC. B'PT. ALLEN COUNTY.



$\Delta = 15^{\circ}-07' L$   
 $D = 0^{\circ}-30'$   
 $T = 1520.55'$   
 $L = 3023.25'$   
 $R = 11459.30'$   
 $E = 100.44'$

PRIVATE DRIVES

Station	Side	Corr. I.P.	Rebar	Cu. Yds.
		Lin. Ft.	Loose	
52+45	Lt.	16	24	
53+10	Rt.	20		3
53+50	Lt.	20		3
53+60	Rt.	20		3
54+67	Lt.	20		3
Total		80	24	12

CULVERTS

For Detail See Sheet No.	Item No.	Station	Exc. Cu. Yds.	R.C.P.	V.S.P.	C.B.	Headwalls	Remarks	Reinf. Steel in Lbs.	
				12"	24"	36"	S.R. Spa.			
7	7	64+00	207	111		1	1	Construct 11'-24" R.C.P. 1 Headwall - 1 C.B.	45	
7	8	84+09	25	66	6	2	1	Remove 64'-12" Tile	30	
Total			232	66	111	6	2	2	1	75

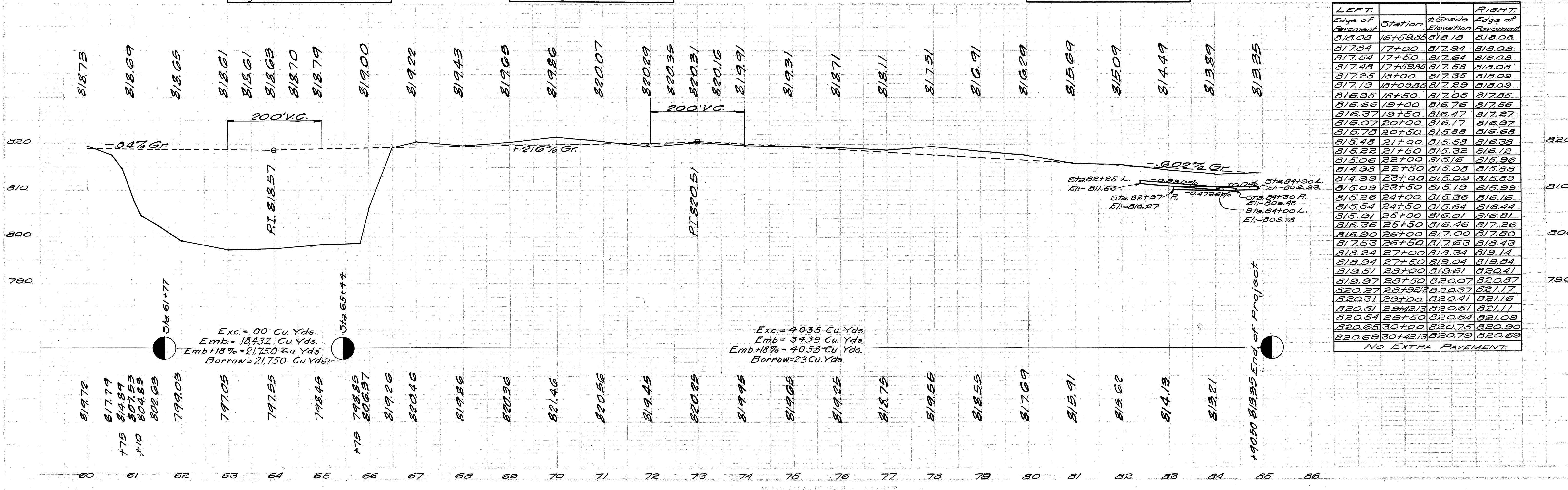
DRAIN TILE

Station	Side	Dr. Tile Lin. Ft.	Inlets
From To			Sta. No.
82+25	Lt.		1
82+63	83+40	Lt.	75
83+60	83+54	Lt.	24
83+90	84+57	Lt.	67
84+77	84+90	Lt.	13
82+97		Rt.	1
83+20	83+50	Rt.	30
83+70	84+30	Rt.	60
Total			269

B.M.# Elev.-821.22 Spike in 6" Hickory Tree Right Sta. 65+70

B.M.# Elev.-821.06 20d Spike in 24" Walnut Tree Right Sta. 69+46

B.M.# Elev.-813.61 20d Spike in Trunk of Locust Tr. L. Sta. 83+73



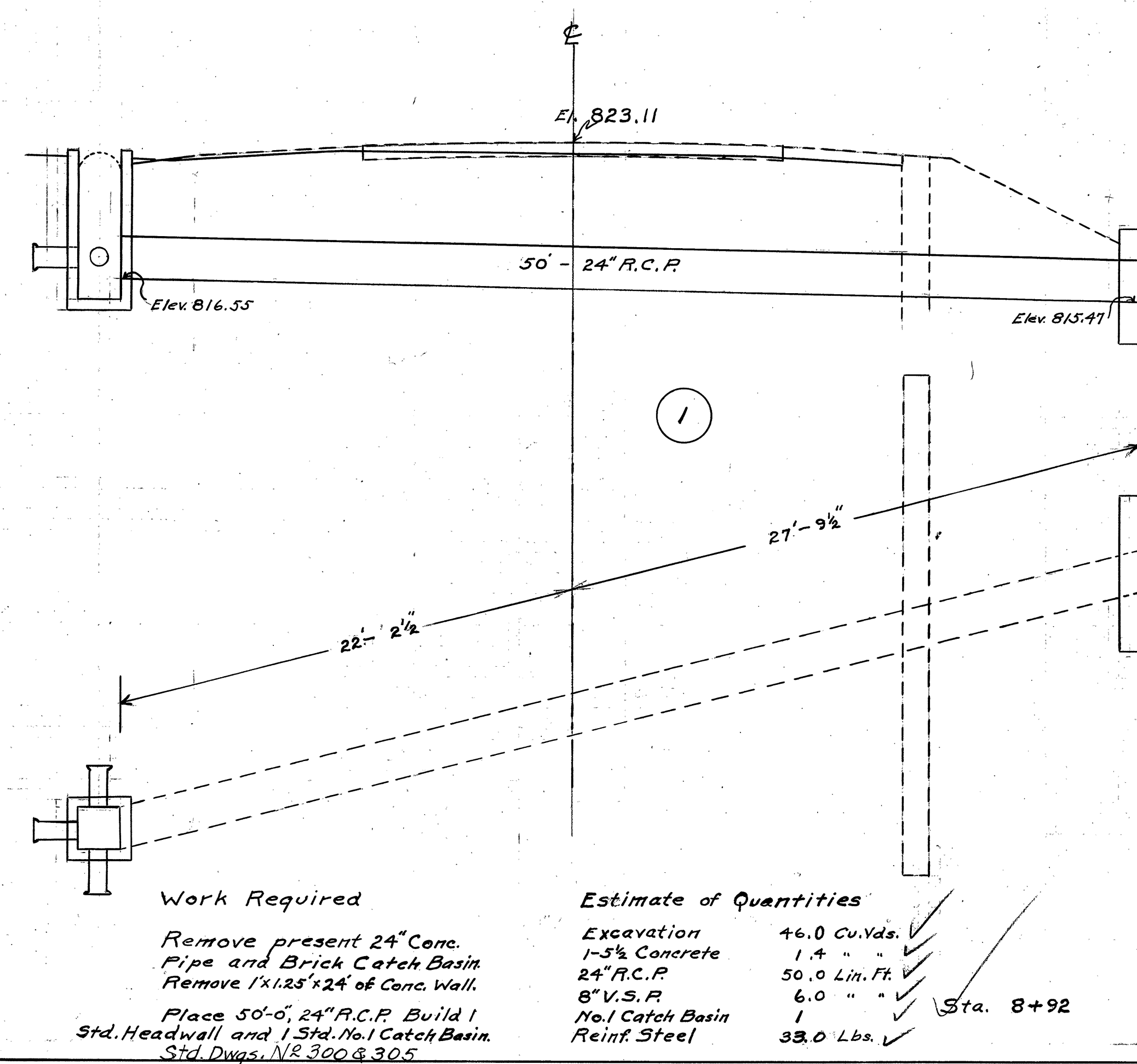
LEFT.	Station	Grade	RIGHT.
Edge of Pavement		Elevation	Edge of Pavement
818.08	16+59.85	818.18	818.08
817.84	17+00	817.94	818.08
817.54	17+50	817.64	818.08
817.48	17+59.85	817.58	818.08
817.26	18+00	817.35	818.09
817.19	18+09.85	817.29	818.09
816.95	18+50	817.05	817.85
816.66	19+00	816.76	817.56
816.37	19+50	816.47	817.27
816.07	20+00	816.17	816.97
815.78	20+50	815.88	816.68
815.48	21+00	815.58	816.38
815.22	21+50	815.32	816.12
815.06	22+00	815.16	815.96
814.98	22+50	815.08	815.88
814.99	23+00	815.09	815.89
815.09	23+50	815.19	815.99
815.26	24+00	815.36	816.16
815.54	24+50	815.64	816.44
815.91	25+00	816.01	816.81
816.36	25+50	816.46	817.26
816.90	26+00	817.00	817.80
817.53	26+50	817.63	818.43
818.24	27+00	818.34	819.14
818.94	27+50	819.04	819.84
819.57	28+00	819.67	820.47
819.97	28+50	820.07	820.87
820.27	28+92.3	820.37	821.17
820.31	29+00	820.41	821.16
820.51	29+42.13	820.61	821.11
820.54	29+50	820.64	821.09
820.65	30+00	820.75	820.90
820.69	30+42.13	820.79	820.69

NO EXTRA PAVEMENT.

MAR 3 1998  
ARCHIVE  
Geo Services

Fed. Rd. Dist. No.	State	Fed. Aid Proj. No.	Fiscal Year	⑥ 16
10	Ohio		1932	

S.H. 134 Sec. "B" pt.  
Allen County



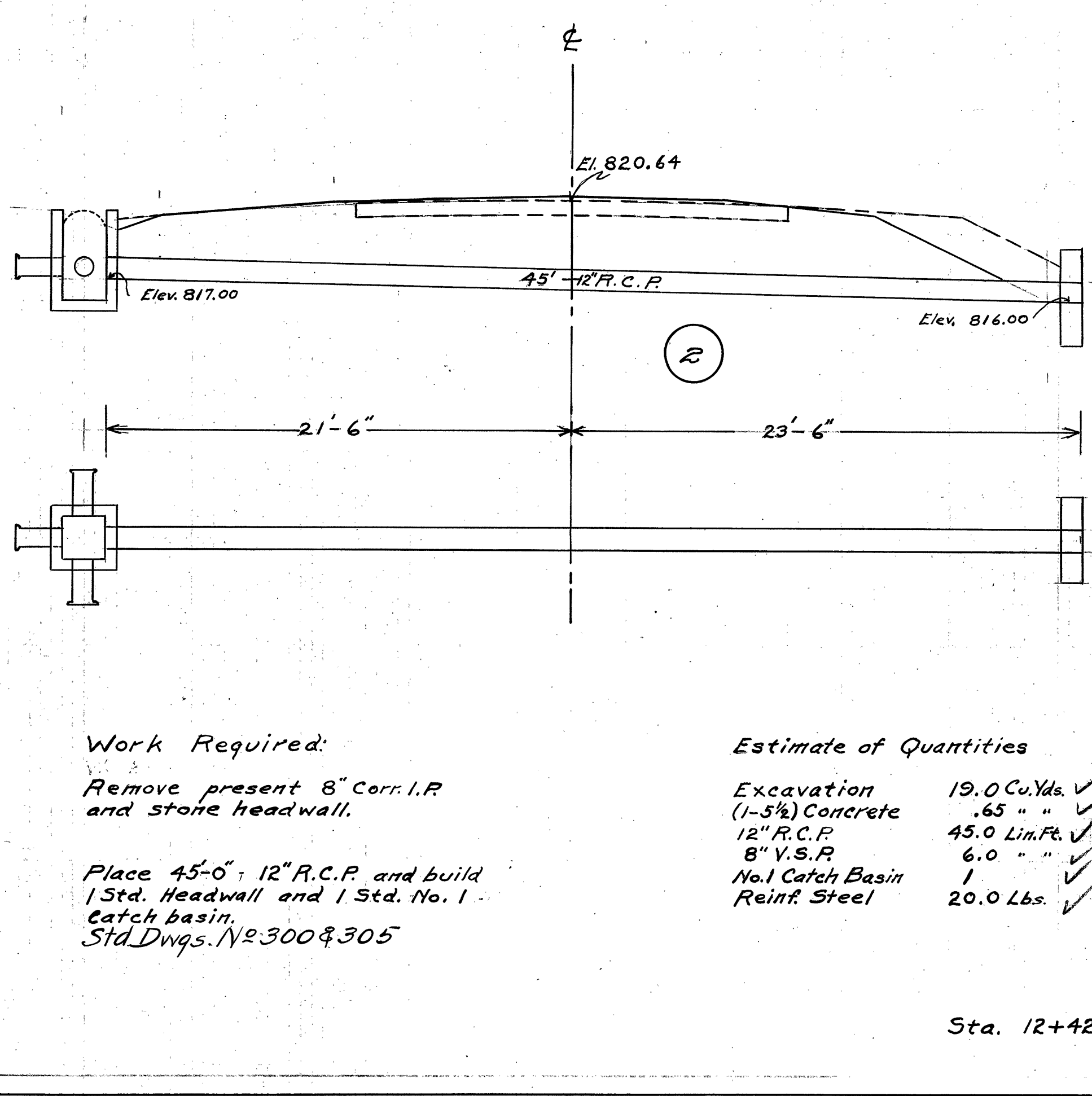
**Work Required**

Remove present 24" Conc. Pipe and Brick Catch Basin. Remove 1' x 1.25' x 24" of Conc. Wall. Place 50'-0" 24" R.C.P. Build 1 Std. Headwall and 1 Std. No. 1 Catch Basin. Std. Dwgs. No. 300 & 305.

**Estimate of Quantities**

Excavation	46.0 Cu. Yds.	✓
1-3/4" Concrete	1.4 " "	✓
24" R.C.P.	50.0 Lin. Ft.	✓
8" V.S.P.	6.0 " "	✓
No. 1 Catch Basin	1	✓
Reinf. Steel	33.0 Lbs.	✓

Sta. 8+92



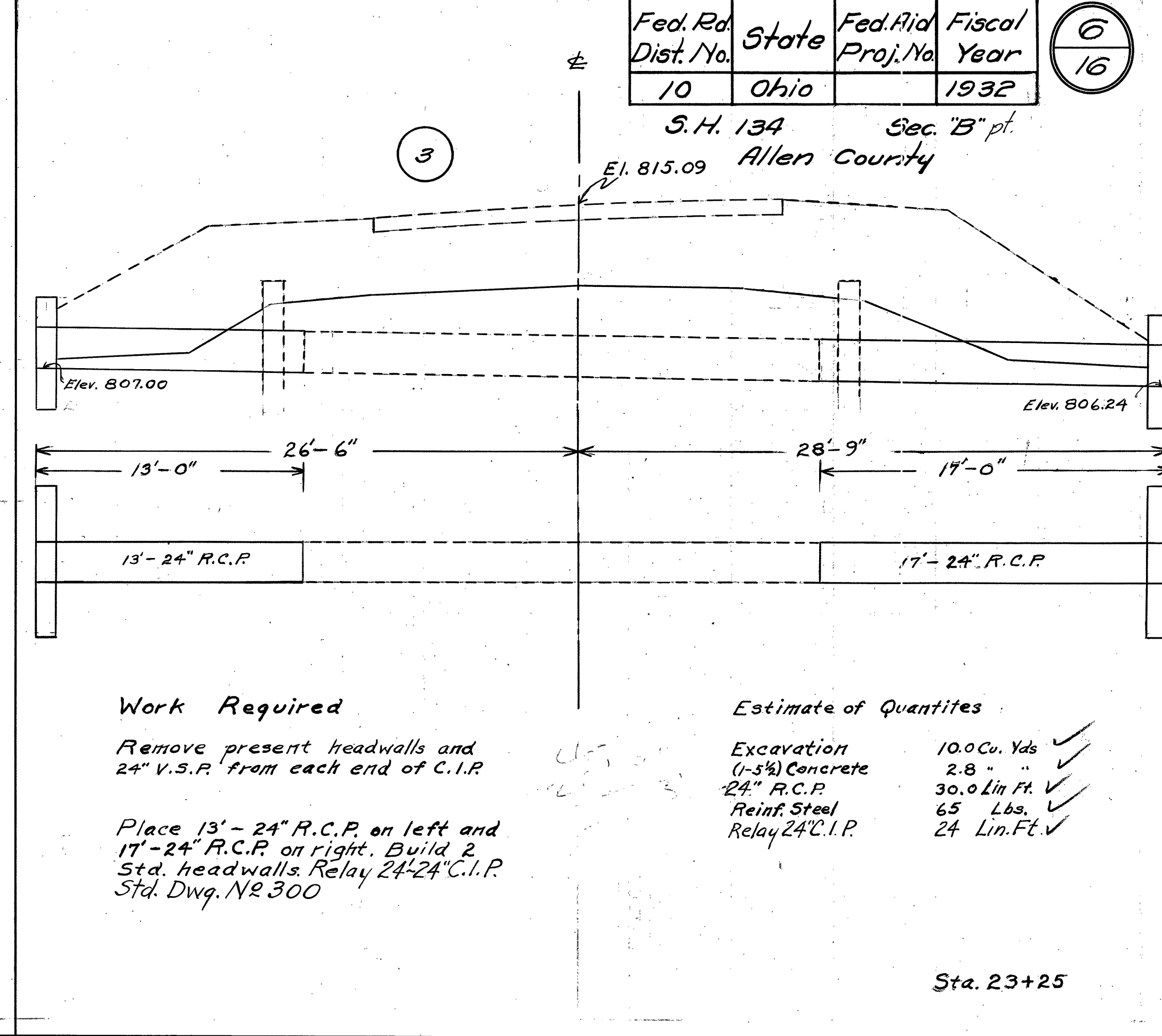
**Work Required:**

Remove present 8" Corr. I.P. and stone headwall. Place 45'-0" 12" R.C.P. and build 1 Std. Headwall and 1 Std. No. 1 catch basin. Std. Dwgs. No. 300 & 305.

**Estimate of Quantities**

Excavation	19.0 Cu. Yds.	✓
(1-3/4") Concrete	.65 " "	✓
12" R.C.P.	45.0 Lin. Ft.	✓
8" V.S.P.	6.0 " "	✓
No. 1 Catch Basin	1	✓
Reinf. Steel	20.0 Lbs.	✓

Sta. 12+42



**Work Required**

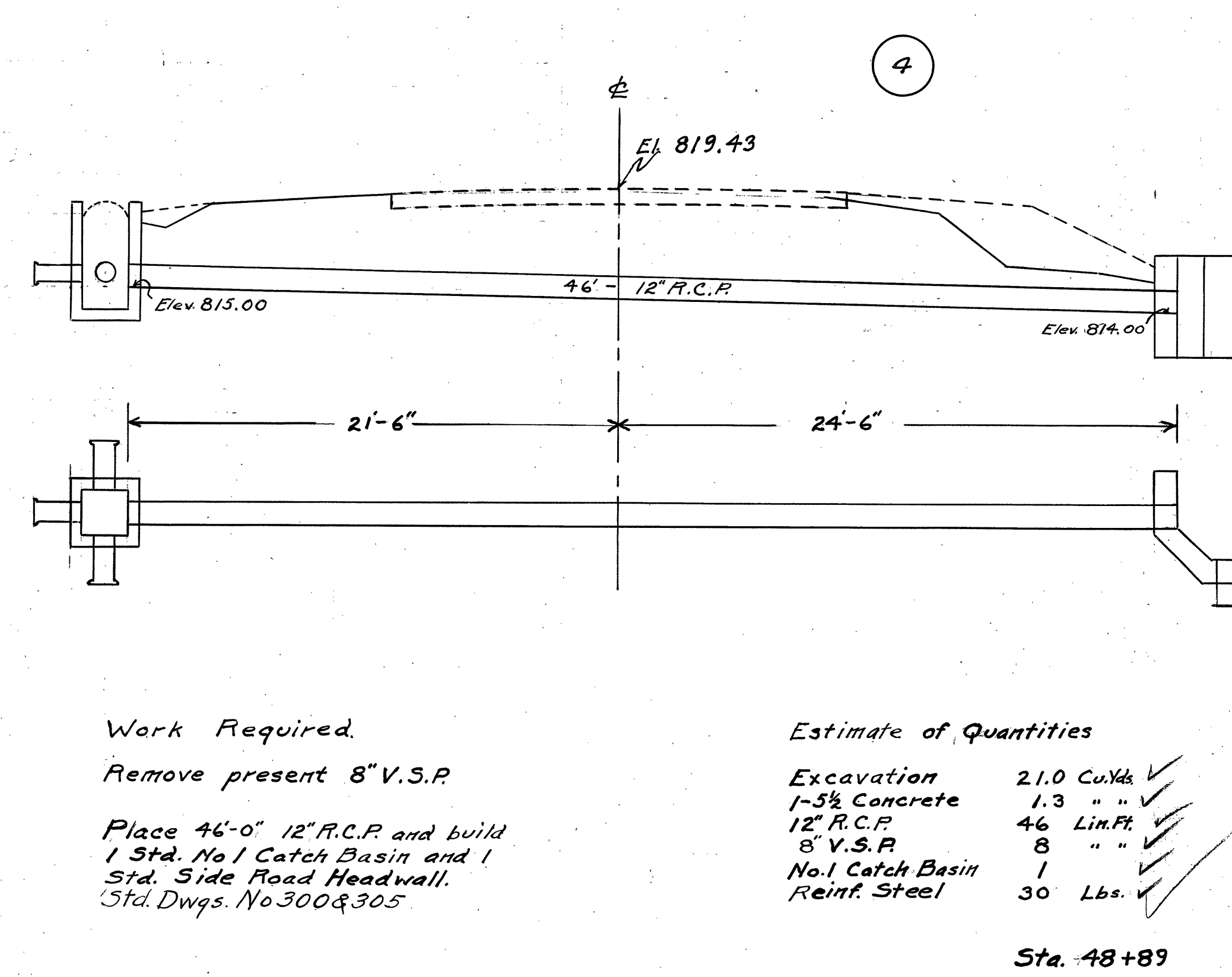
Remove present headwalls and 24" V.S.P. from each end of C.I.P. Place 13'-24" R.C.P. on left and 17'-24" R.C.P. on right. Build 2 Std. Headwalls. Relay 24" C.I.P. Std. Dwgs. No. 300.

**Estimate of Quantities**

Excavation	10.0 Cu. Yds.	✓
(1-3/4") Concrete	2.8 " "	✓
24" R.C.P.	30.0 Lin. Ft.	✓
Reinf. Steel	65 Lbs.	✓
Relay 24" C.I.P.	24 Lin. Ft.	✓

Sta. 23+25

MAR 3 1930  
CHAS. E. COOPER



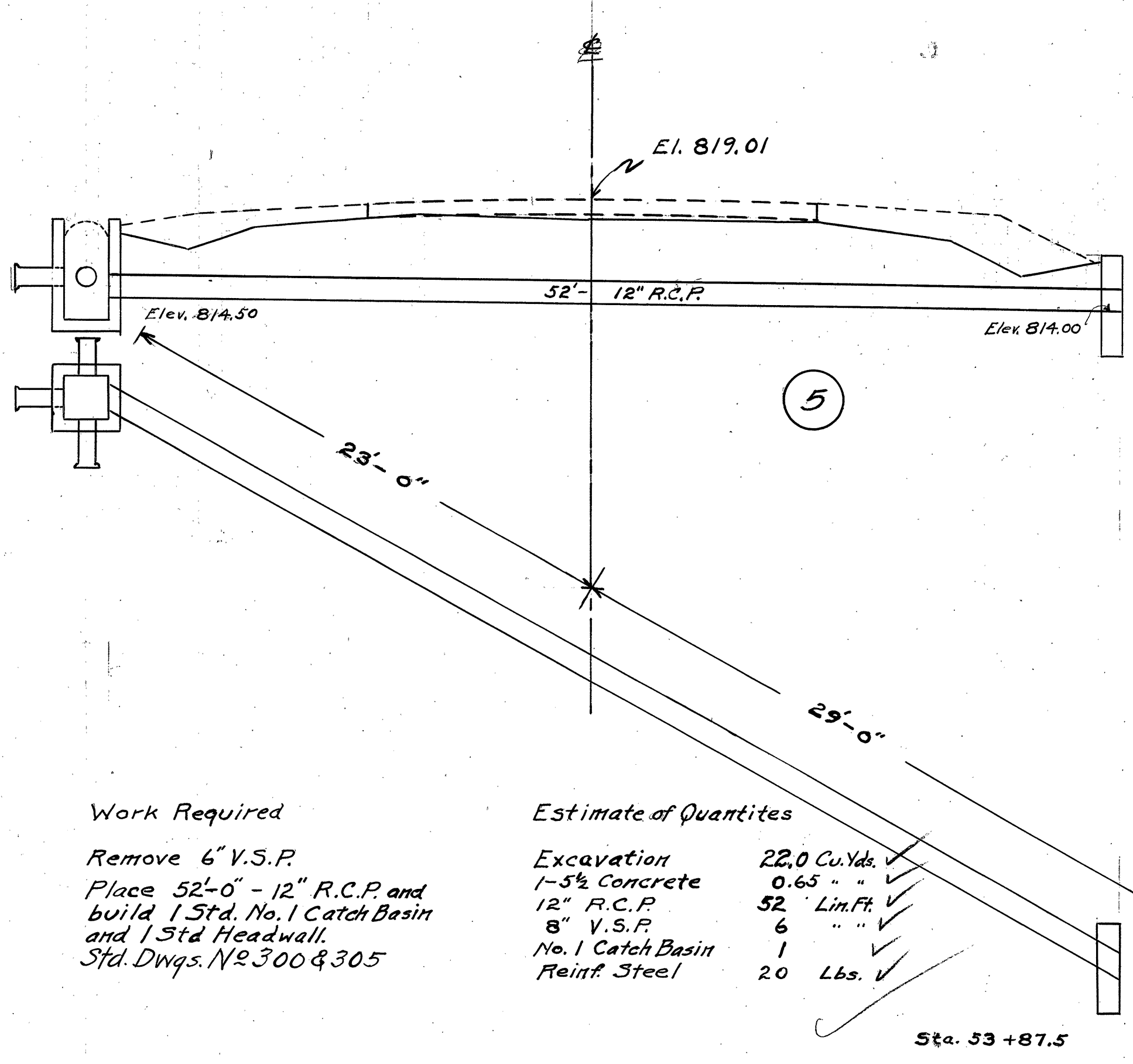
**Work Required.**

Remove present 8" V.S.P. Place 46'-0" 12" R.C.P. and build 1 Std. No. 1 Catch Basin and 1 Std. Side Road Headwall. Std. Dwgs. No. 300 & 305.

**Estimate of Quantities**

Excavation	21.0 Cu. Yds.	✓
1-3/4" Concrete	1.3 " "	✓
12" R.C.P.	46 Lin. Ft.	✓
8" V.S.P.	8 " "	✓
No. 1 Catch Basin	1	✓
Reinf. Steel	30 Lbs.	✓

Sta. 48+89



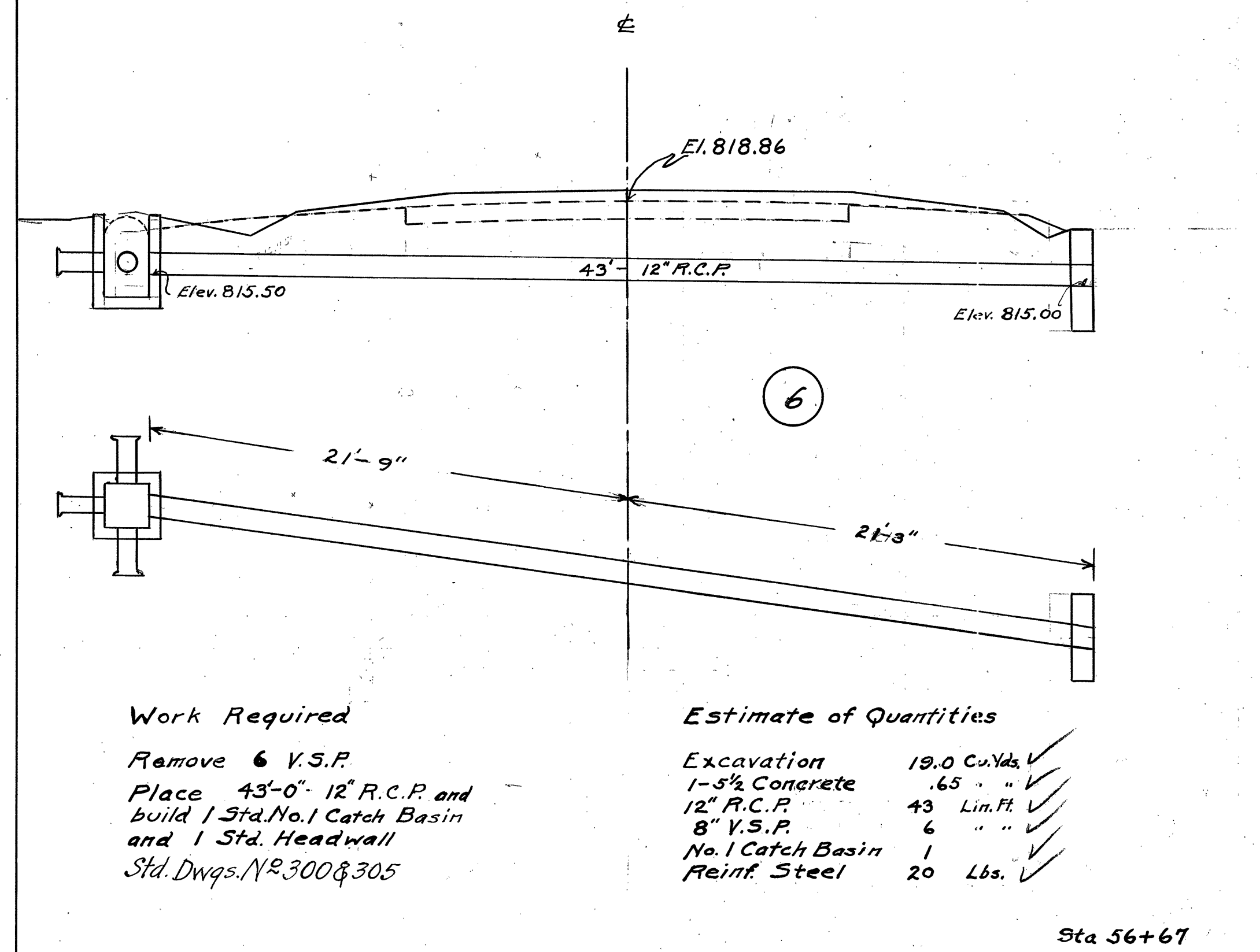
**Work Required**

Remove 6" V.S.P. Place 52'-0" 12" R.C.P. and build 1 Std. No. 1 Catch Basin and 1 Std. Headwall. Std. Dwgs. No. 300 & 305.

**Estimate of Quantities**

Excavation	22.0 Cu. Yds.	✓
1-3/4" Concrete	0.65 " "	✓
12" R.C.P.	52 Lin. Ft.	✓
8" V.S.P.	6 " "	✓
No. 1 Catch Basin	1	✓
Reinf. Steel	20 Lbs.	✓

Sta. 33+87.5



**Work Required**

Remove 6" V.S.P. Place 43'-0" 12" R.C.P. and build 1 Std. No. 1 Catch Basin and 1 Std. Headwall. Std. Dwgs. No. 300 & 305.

**Estimate of Quantities**

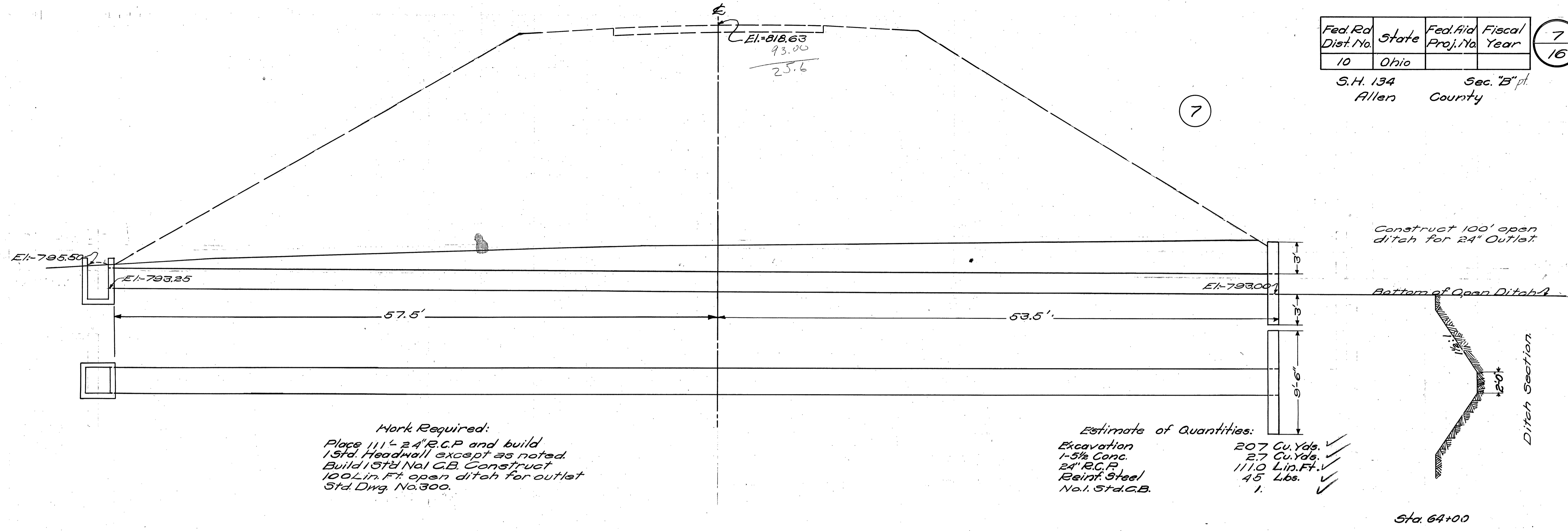
Excavation	19.0 Cu. Yds.	✓
1-3/4" Concrete	.65 " "	✓
12" R.C.P.	43 Lin. Ft.	✓
8" V.S.P.	6 " "	✓
No. 1 Catch Basin	1	✓
Reinf. Steel	20 Lbs.	✓

Sta. 56+67

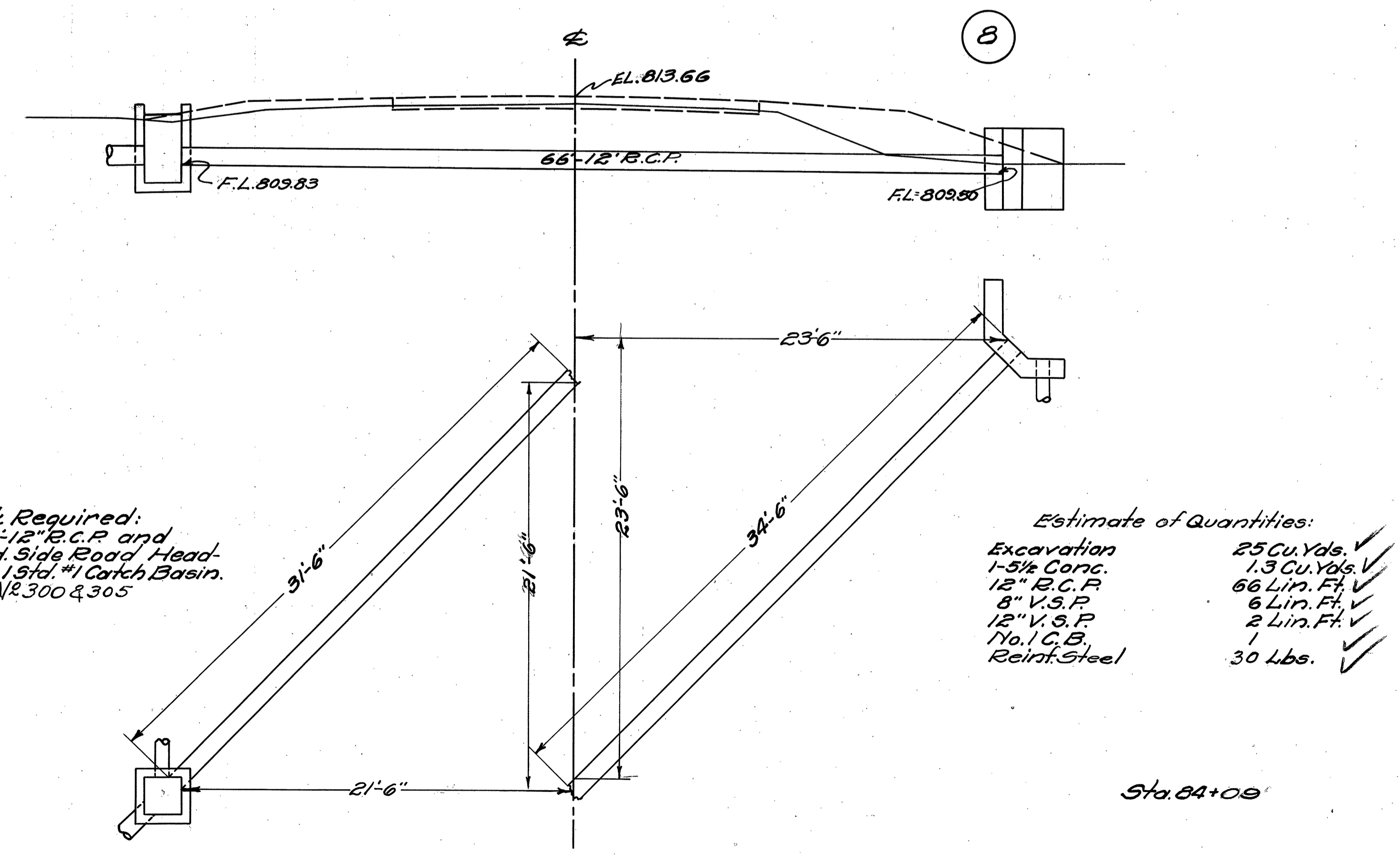
Fed. Rd Dist. No.	State	Fed. Aid Proj. No.	Fiscal Year
10	Ohio		

S.H. 134  
Allen County

7  
16



MAR 3 1996  
COSTCO

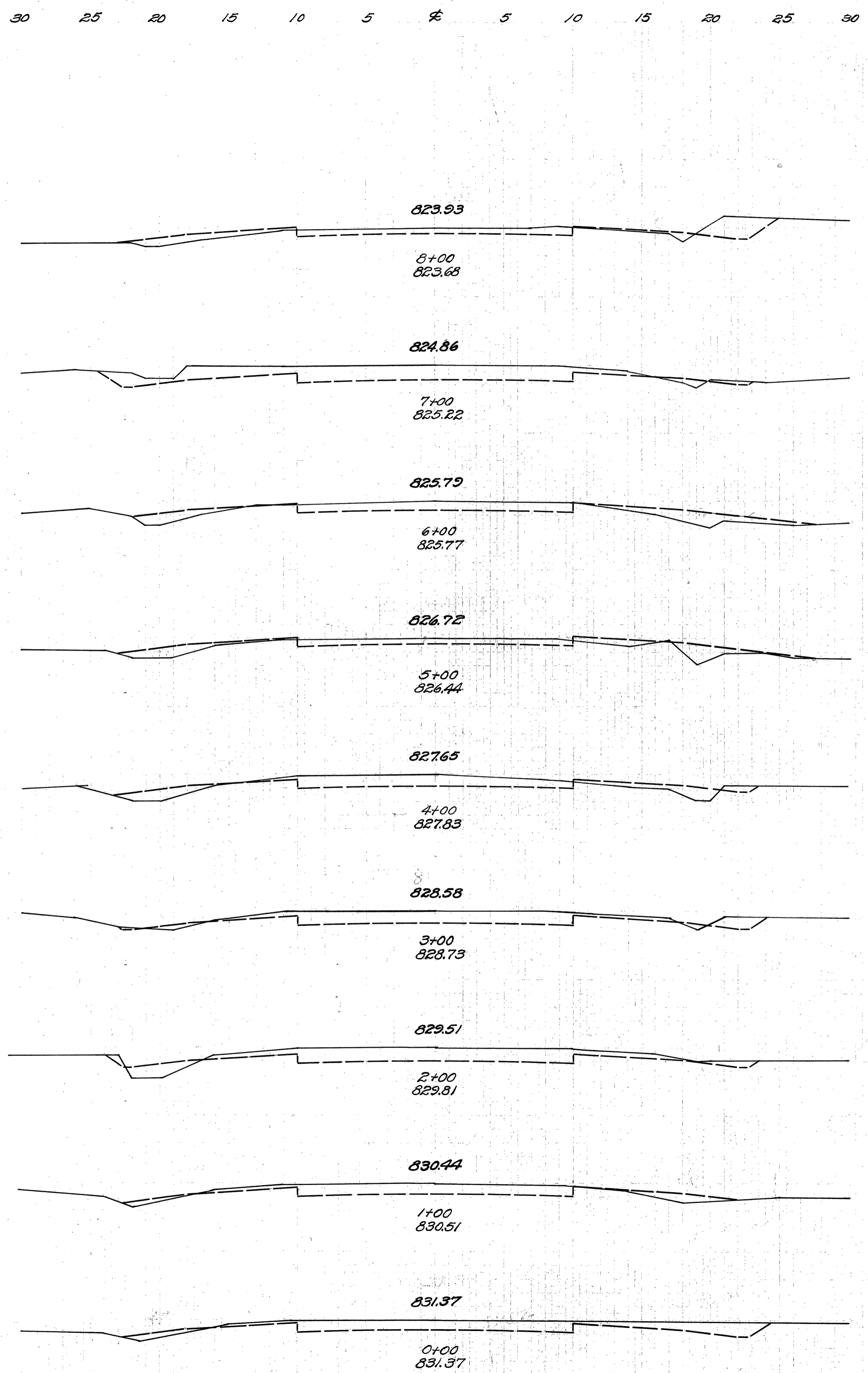


MAR 3 1998  
 ARCHIVE CONSULTANTS

End Area		Cu. Yds.	
Exc	Emb	Exc	Emb
		38.1	24.8
14.9	6.6		
		92.0	14.1
34.8	1.0		
		86.9	21.3
12.1	10.5		
		38.3	40.9
8.6	11.6		
		46.5	39.1
16.5	9.5		
		73.7	20.2
23.3	1.4		
		95.4	10.0
28.2	4.0		
		85.7	17.4
18.1	5.4		
		80.2	14.6
25.2	2.5		

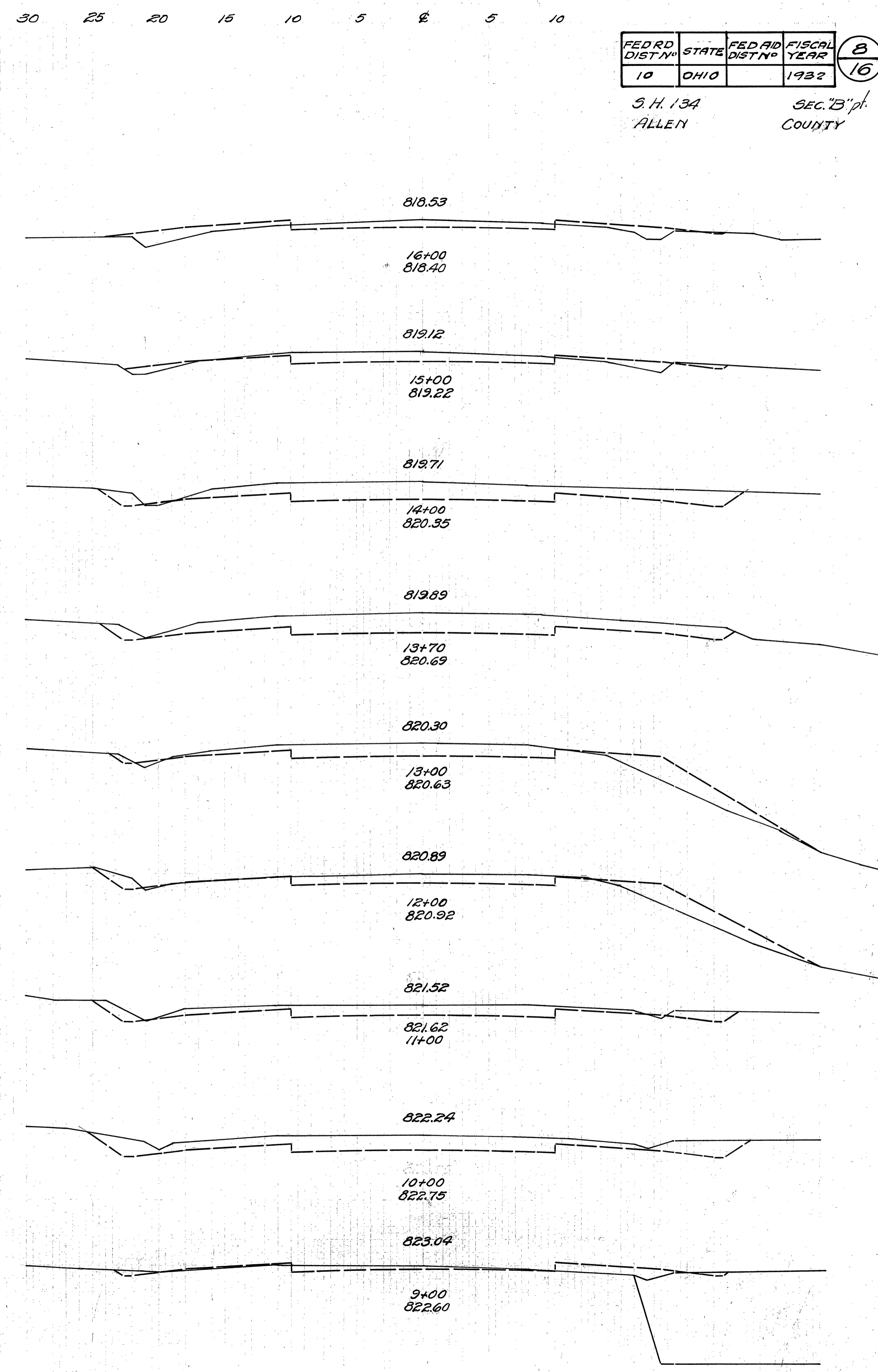
Exc. = 1399 Cu. Yds.      Emb. = 1136 Cu. Yds.

Sta. 0+00 to Sta. 22+00



End Area		Cu. Yds.	
Exc	Emb	Exc	Emb
		26.3	74.4
9.6	12.9		
		49.1	35.0
16.9	6.0		
		113.7	11.5
44.5	0.2		
		5.3	1.1
5.0	0		
		9.4	2.5
23.7	16.3		
		73.1	57.8
15.8	14.9		
		79.4	27.8
27.1	0.1		
		132.0	0.2
44.2	0.0		
		92.4	12.5
5.7	6.8		

Exc. + 18% = 1340 Cu. Yds.      Waste = 59 Cu. Yds.



FED RD DIST NO	STATE	FED AID DIST NO	FISCAL YEAR
10	OHIO		1932

S. H. 134      SEC. 13<sup>th</sup>  
 ALLEN      COUNTY

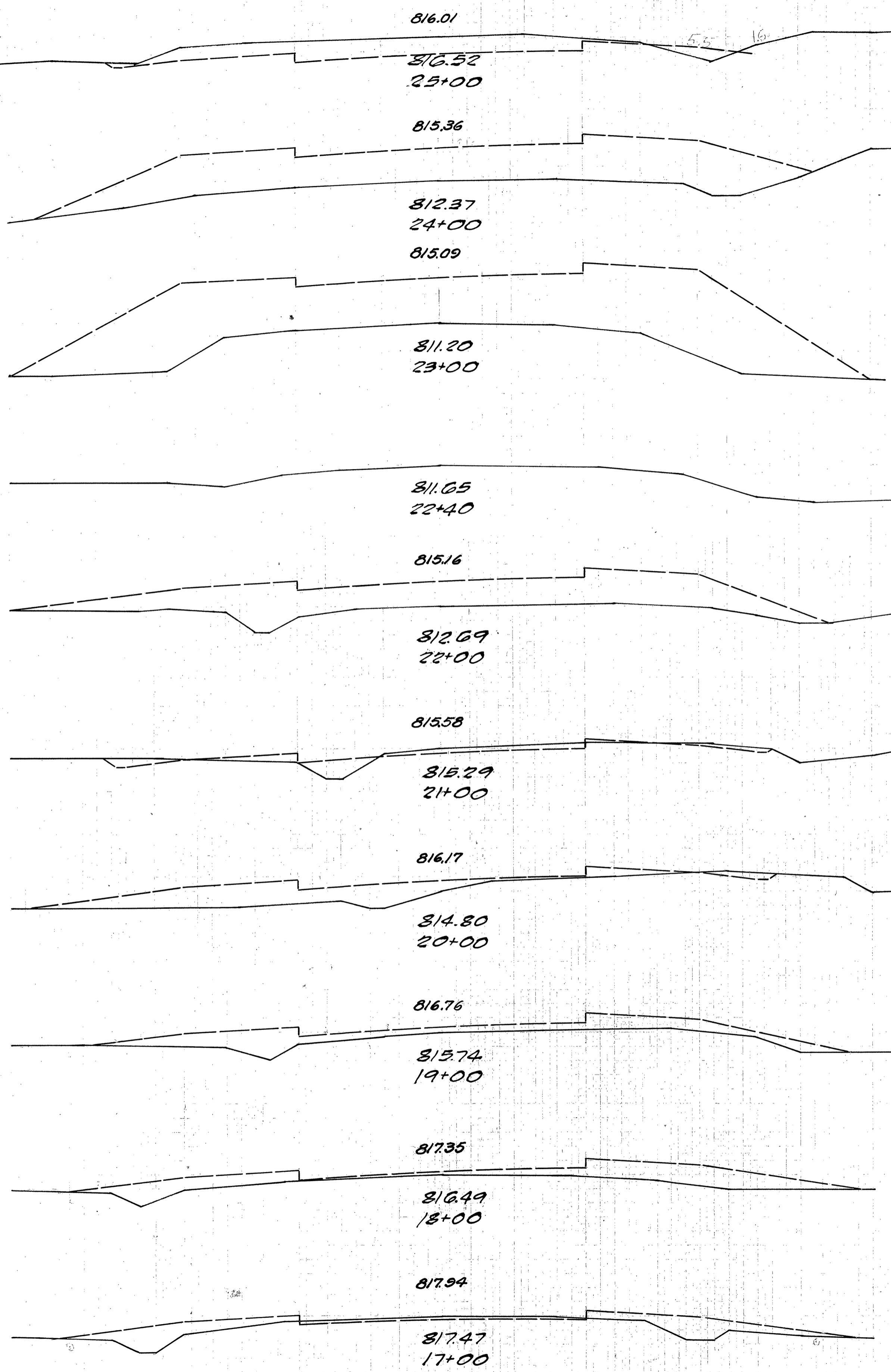
8  
16



30 25 20 15 10 5 ± 5 10 15 20 25 30

End Area		Cu Yds.	
Exc	Emb	Exc	Emb
37.1	5.5		
0.0	131.2	68.7	253.2
0.0	216.5	0.0	643.9
0.0	382.6	0.0	382.6
0.0	38.1	16.9	197.1
9.1	8.3	20.4	88.9
1.9	39.7	3.6	142.2
0.0	37.1	0.0	141.9
0.0	39.5	8.5	123.7
4.6	27.3		

Sta 22+00 to Sta 40+50  
 Hosts to be used on next balance point



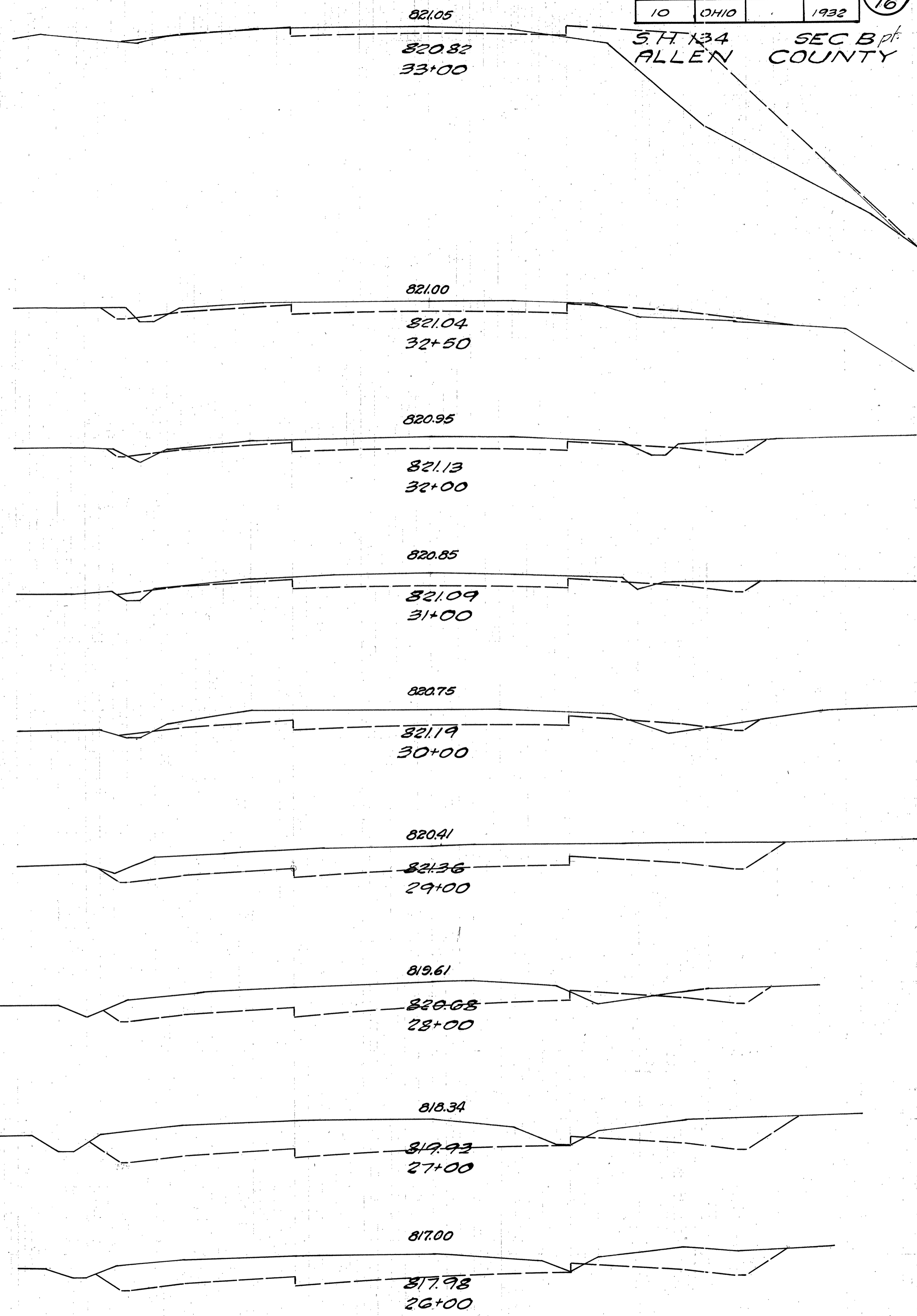
End Area		Cu Yds	
Exc	Emb	Exc	Emb
9.5	70.9		
		574	140.0
21.5	5.1		
		302	13.5
27.2	2.2		
		97.8	7.0
25.6	1.6		
		110.4	8.7
34.0	3.1		
		203.7	5.7
76.0	0.0		
		250.8	5.6
53.4	3.0		
		276.3	6.1
89.8	0.3		
		298.9	1.1
71.5	0.3		
		20.1	10.7

Emb = 2403 Cu. Yds.  
 Exc = 2794 Cu. Yds.

30 25 20 15 10 5 ± 5 10 15

FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	<table border="1"> <tr> <td>9</td> </tr> <tr> <td>16</td> </tr> </table>	9	16
9						
16						
10	OHIO		1932			

S.H. 134  
 ALLEN  
 SEC B pt.  
 COUNTY



MAR 3 1932  
 ARCHIVE

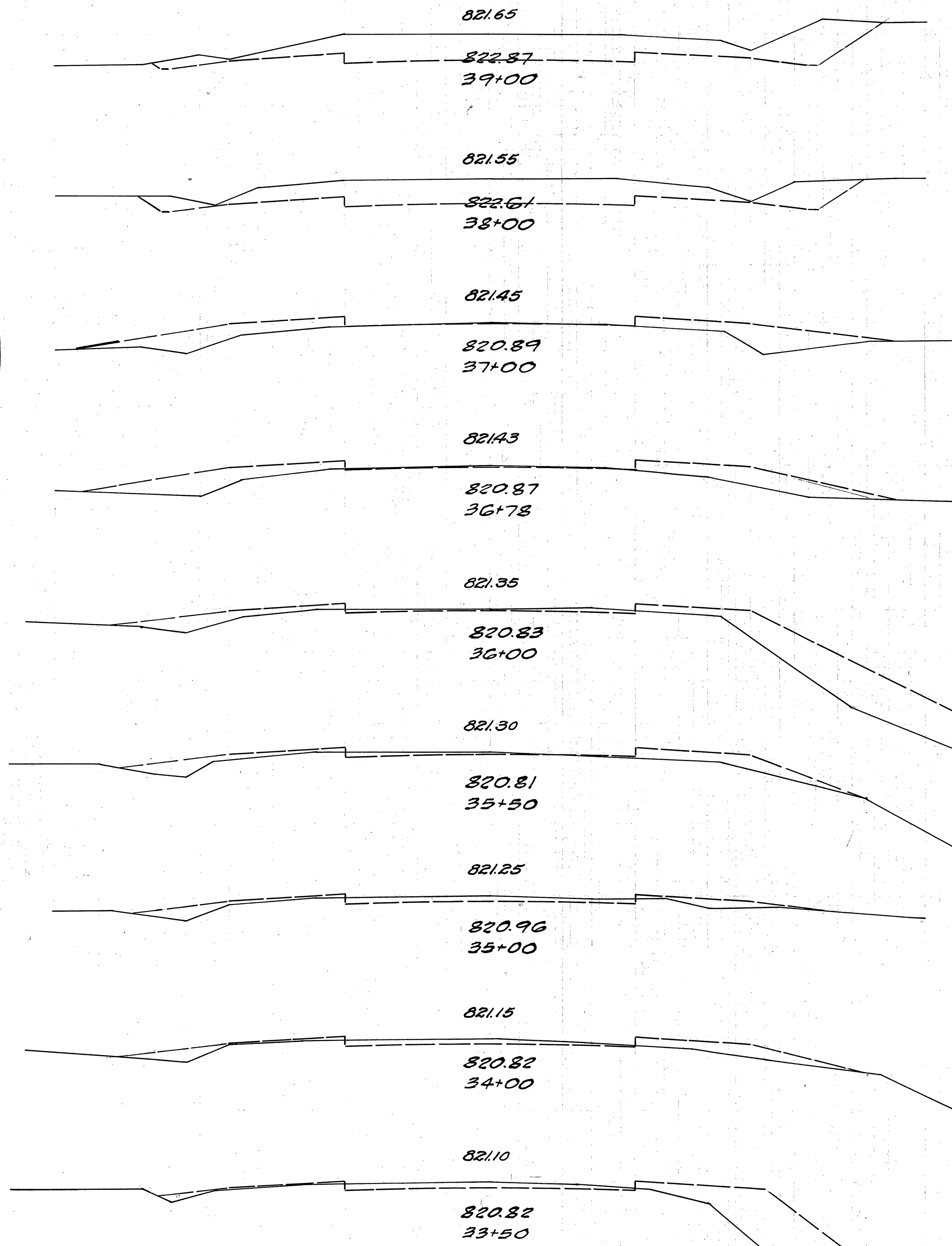
±

±

30 25 20 15 10 5 ± 5 10 15 20 25 30

End Area		Cu Yds	
Exc	Emb	Exc	Emb
71.4	0.0		
	8936	0.0	
63.4	0.0		
	1176	570	
0.1	30.8		
	1.3	25.0	
3.0	30.5		
	2.8	161.9	
3.8	81.6		
	5.9	92.7	
2.6	18.5		
	8.8	231	
6.9	13.0		
	25.7	506	
7.0	14.3		
	12.9	128.1	
6.4	124.1		
	14.7	180.2	

Borrow = 41 Cu. Yds.  
Emb. + 18% = 2835 Cu. Yds.



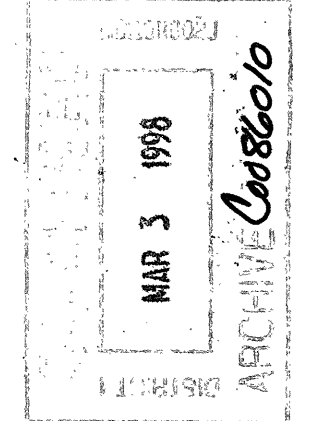
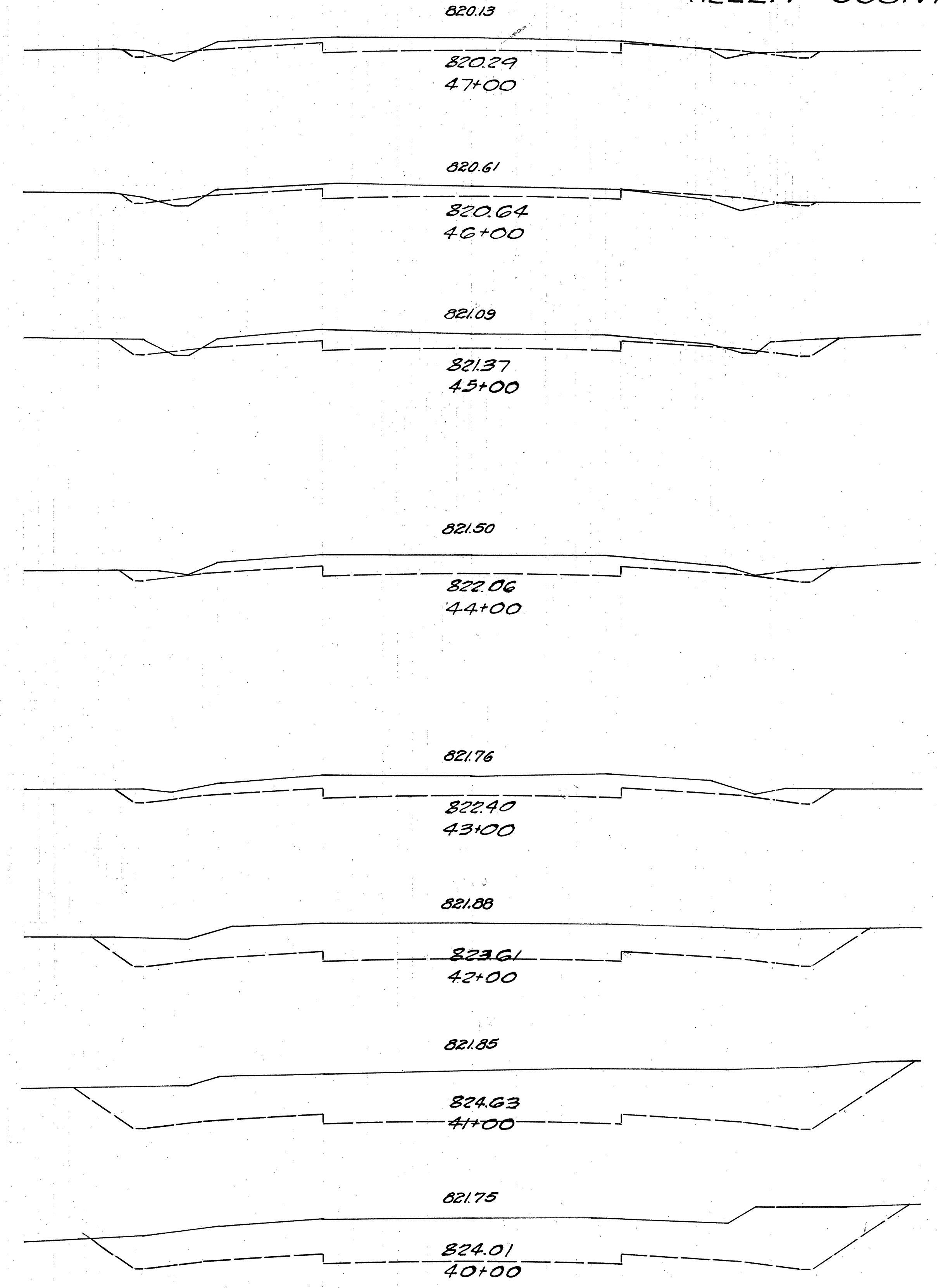
End Area		Cu Yds	
Exc	Emb	Exc	Emb
23.8	1.7		
	820	12.8	
20.5	5.2		
	1056	11.5	
36.5	1.0		
	1433	1.9	
40.9	0.0		
	1706	0.0	
51.2	0.0		
	291.7	0.0	
106.3	0.0		
	516.1	0.0	
172.9	0.0		
	293.4	0.0	
	293.3	0.0	
144.4	0.0		
	332.7	0.0	

Exc. 4378 Cu. Yds.  
Sta 40+50 to Sta 61+77

30 25 20 15 10 5 ± 5 10 15

FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	(10/16)
10	OHIO		1932	

S.H. 134 SEC B pt.  
ALLEN COUNTY



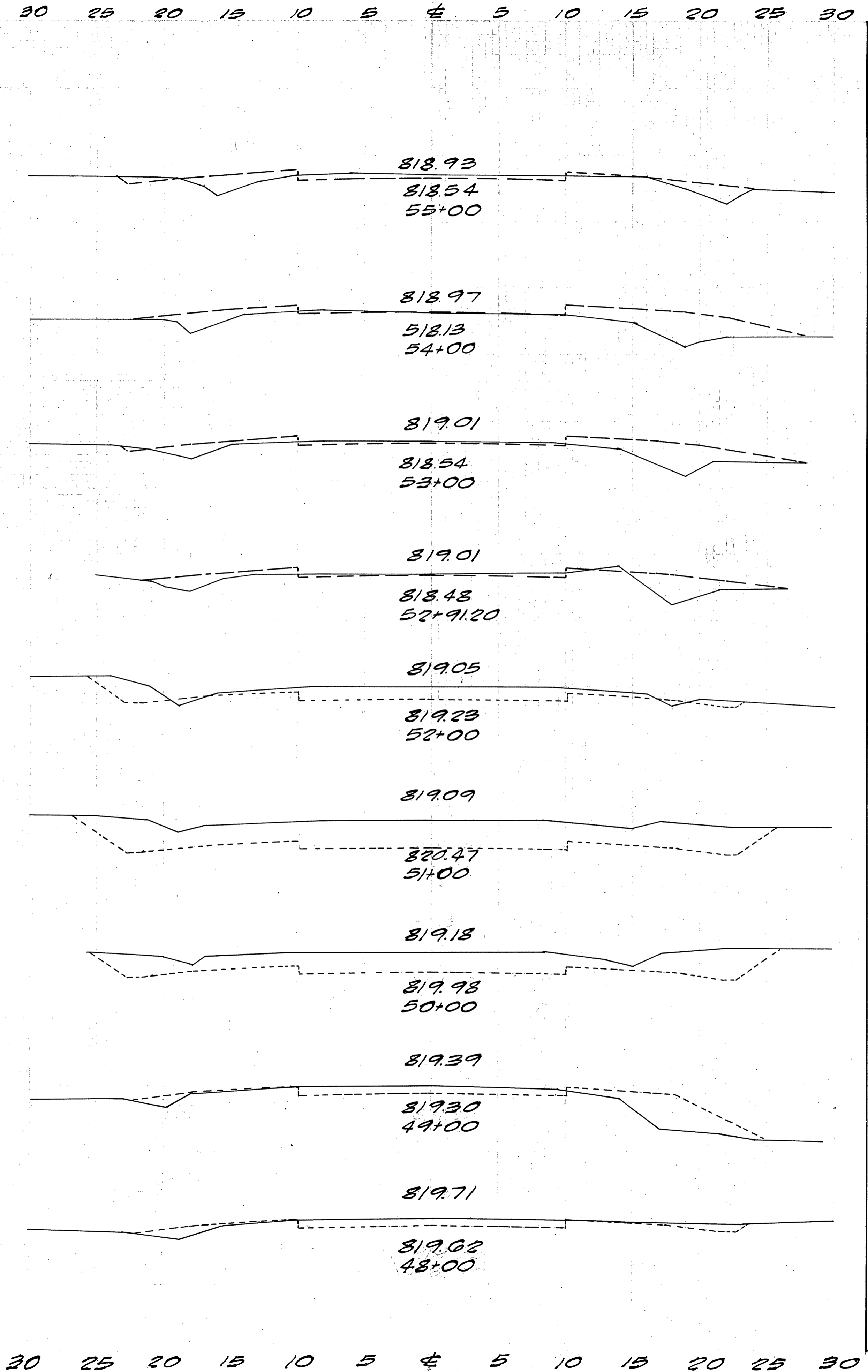
±

±

End Area Cu Yds.		Exc Emb		Exc Emb	
Exc	Emb	Exc	Emb	Exc	Emb
7.5	12.3				
		16.7	80.2		
1.5	31.0				
		7.4	102.0		
2.5	24.0				
		1.0	6.6		
3.7	16.8				
		60.7	33.9		
29.1	1.5				
		22.6	2.8		
9.3	0				
		29.8	0		
6.2	0				
		14.6	41.7		
11.2	22.5				
		4.7	49.1		
14.4	4.0				
		70.7	10.6		

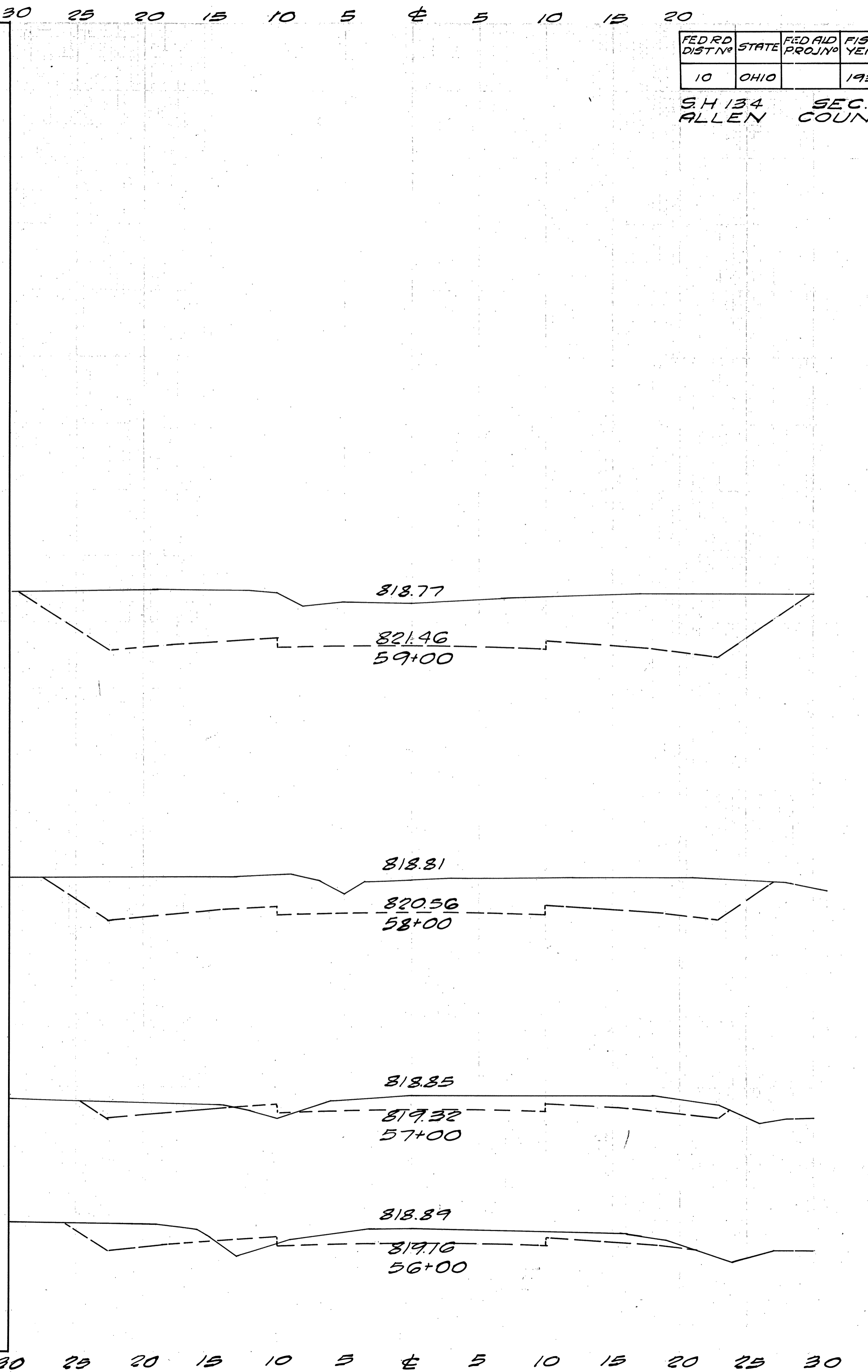
Emb + 18% = 739.5 Cu Yds

Emb. 3682 Cu Yds



End Area Cu Yds.		Exc Emb		Exc Emb	
Exc	Emb	Exc	Emb	Exc	Emb
204	0				
		6240	0		
132	0				
		3125	2.7		
39	2.0				
		1463	11		
40	3.7				
		830	29		

Waste 3 Cu Yds



FED RD DIST NO	STATE	FED AID PROJ NO	FISCAL YEAR
10	OHIO		1932

SH 134  
ALLEN COUNTY

SEC. B'PT  
COUNTY

11  
16

MAR 3 1932  
L. S. BERRY  
SUPERVISOR

MAR 3 1932  
L. S. BERRY  
SUPERVISOR

MAR 3 1932  
L. S. BERRY  
SUPERVISOR

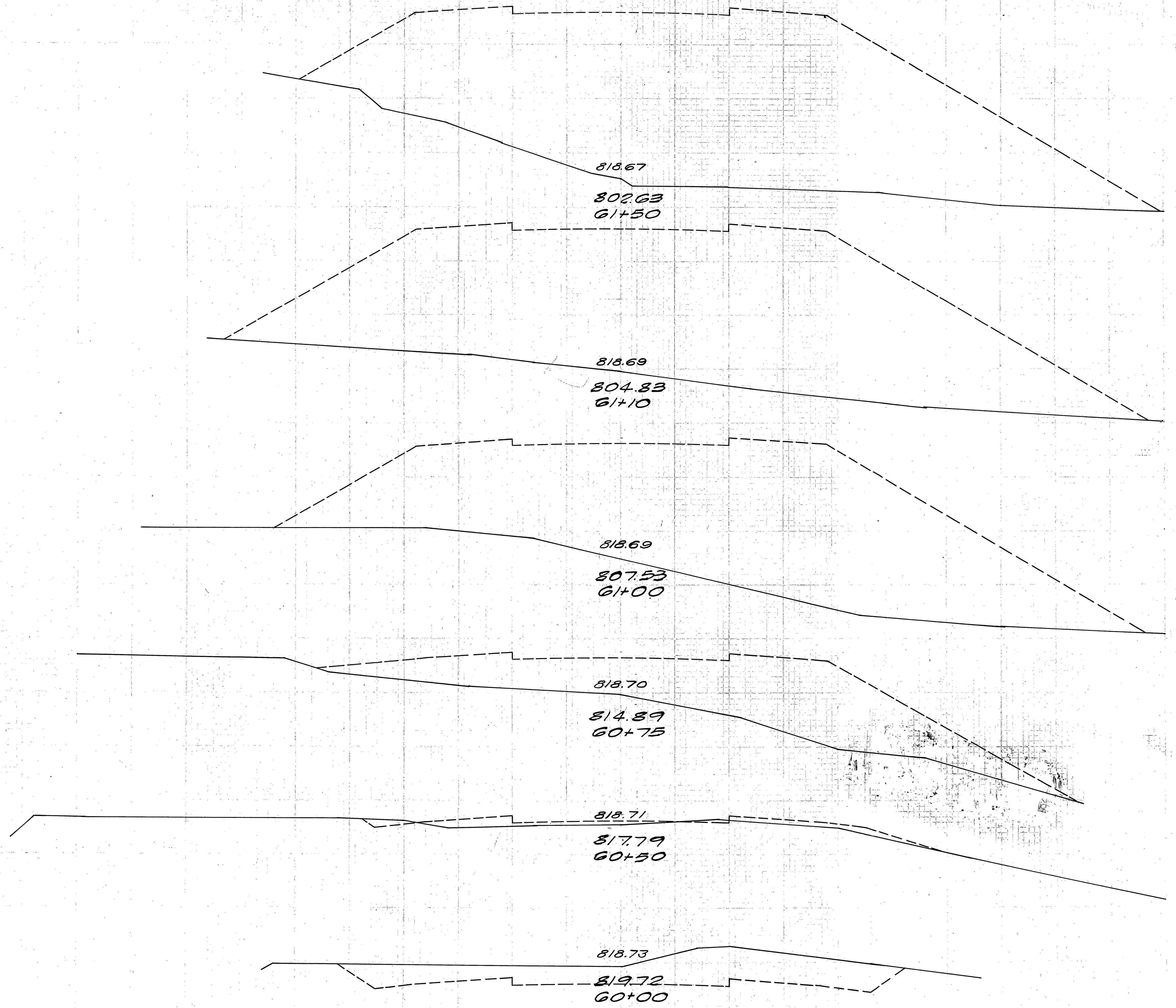
75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 4 5 10 15 20 25 30 35 40 45 50 55

End Area		Cu Yds	
Exc	Emb	Exc	Emb
855		1258	✓
844		287	✓
704		0 445	✓
255		1.4 126	✓
3 19		107 176	
112	0	585	✓

MAR 3 1958  
 COO 866012

FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR
10	OHIO		1952

SH 134 SEC. B.P.  
 ALLEN COUNTY

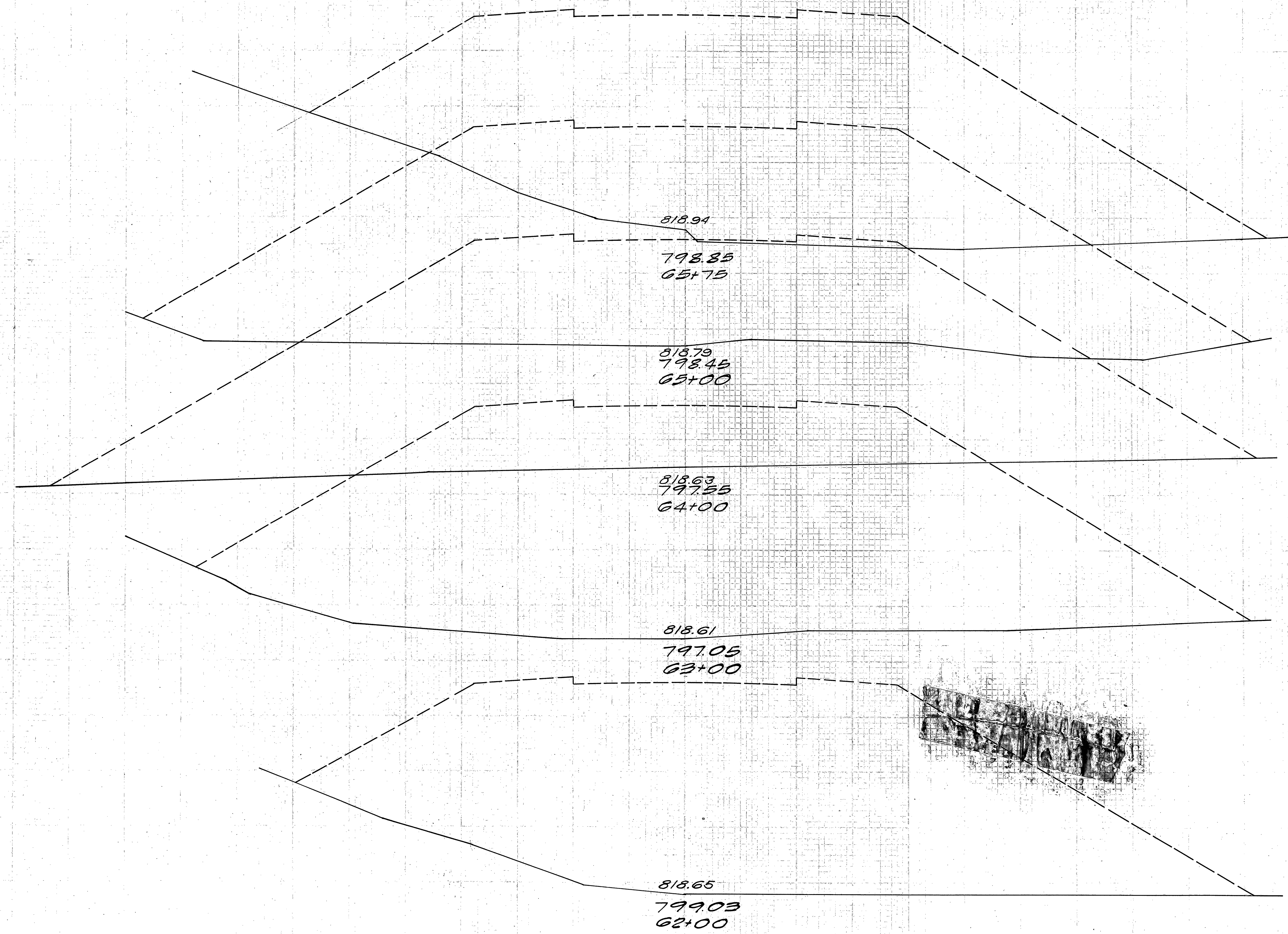


4

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50

End Area Cu Yds		Cu Yds	
Exc	Emb	Exc	Emb
1185	1488	2112	1488
1407	5393	5393	1407
1508	5387	5387	1508
1401	4693	4693	1401
1133	847	993	1133

Sta. 61+77 to Sta. 65+44 - Exc=00 Cu Yds - Emb=12,432 Cu Yds - Emb + 18% = 21,750 Cu Yds - Borrow = 21,750 Cu Yds



FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR
10	OHIO		1932

S.H. 134 SEC. 13<sup>1/2</sup> ALLEN COUNTY

MAR 3 1932  
C-0860.15

4

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50

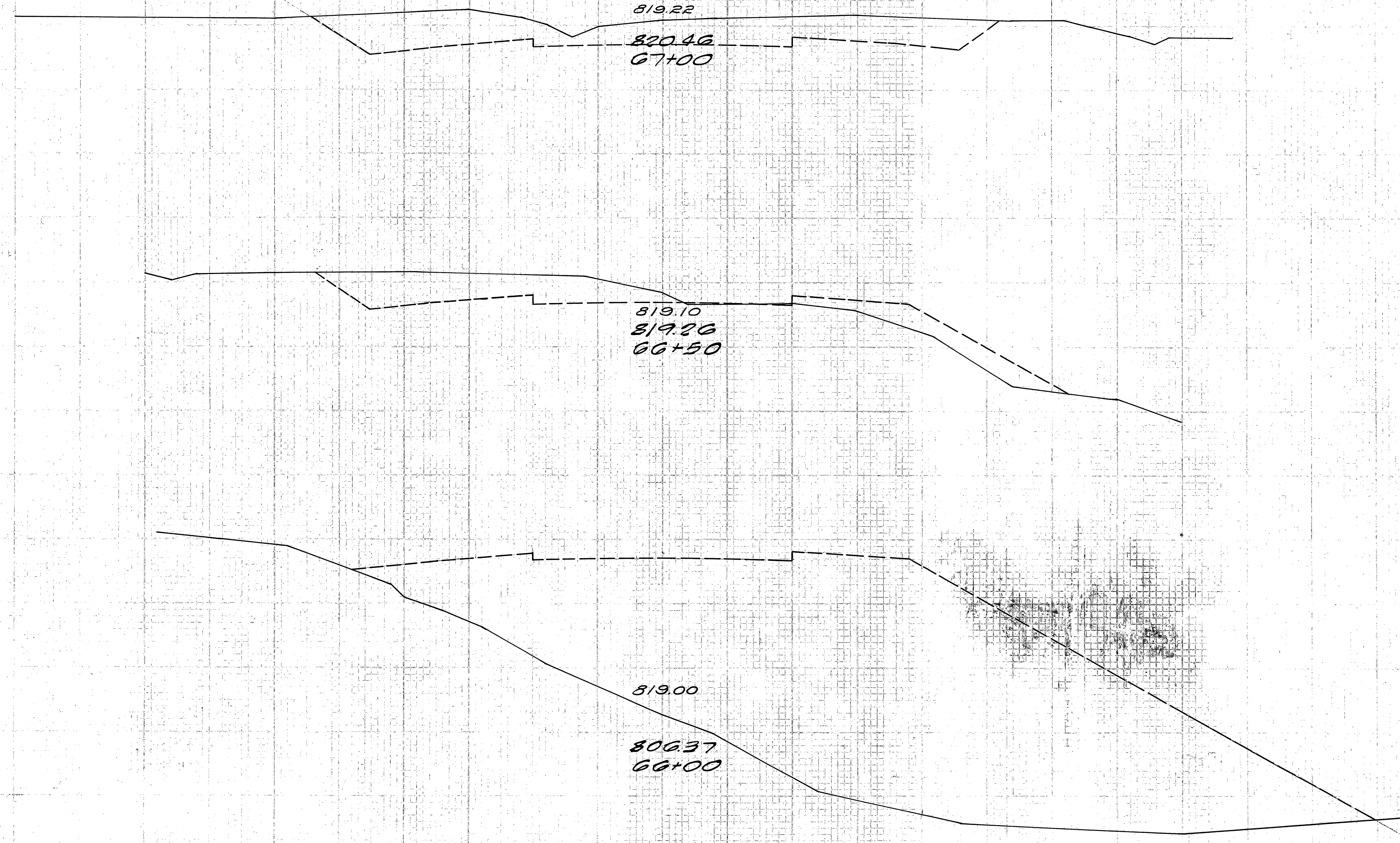
FED. DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR
10	OHIO		1932

14  
16

SH. 134 SEC "B" PT.  
ALLEN COUNTY

End Area Cu Yds	
Exc	Emb
103	
144	26
52	28
481	8214
859	
946	

Emb = 3439 Cu Yds  
Exc = 4035 Cu Yds



MAR 3 1998  
008604

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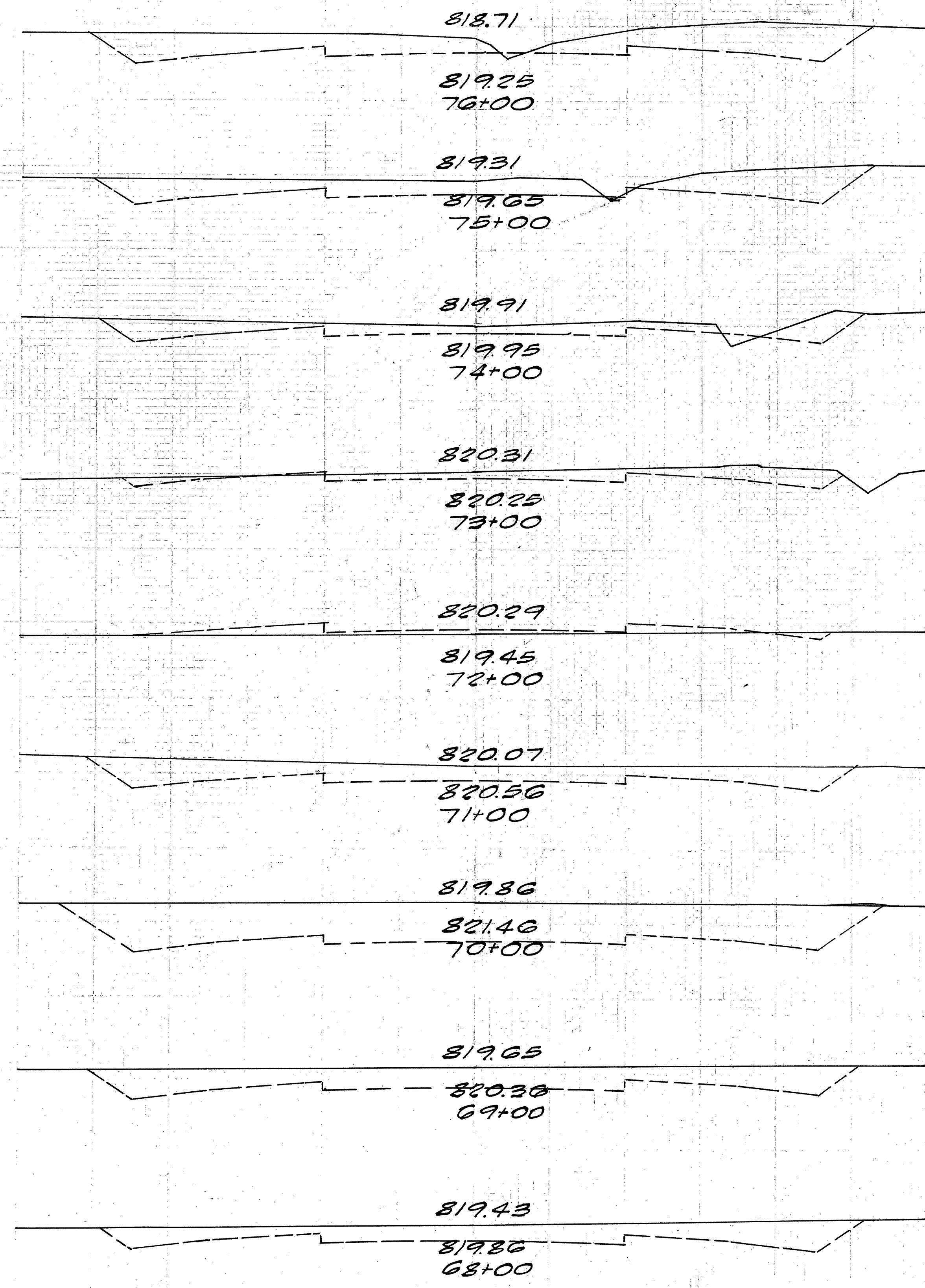
End Area		Cu. Yds.	
Exc	Emb	Exc	Emb
642	.5	225	0.9
573	0	170	2.0
342	1.1	111	3.9
260	1.0	50.6	31.3
13	15.9	113	2.9
60	0	347	
127	0	361	
68	0	234	
58	0	297	

Emb. + 18% = 40.58 Cu. Yds.

Chas. G. O'Neil

MAR 3 1938

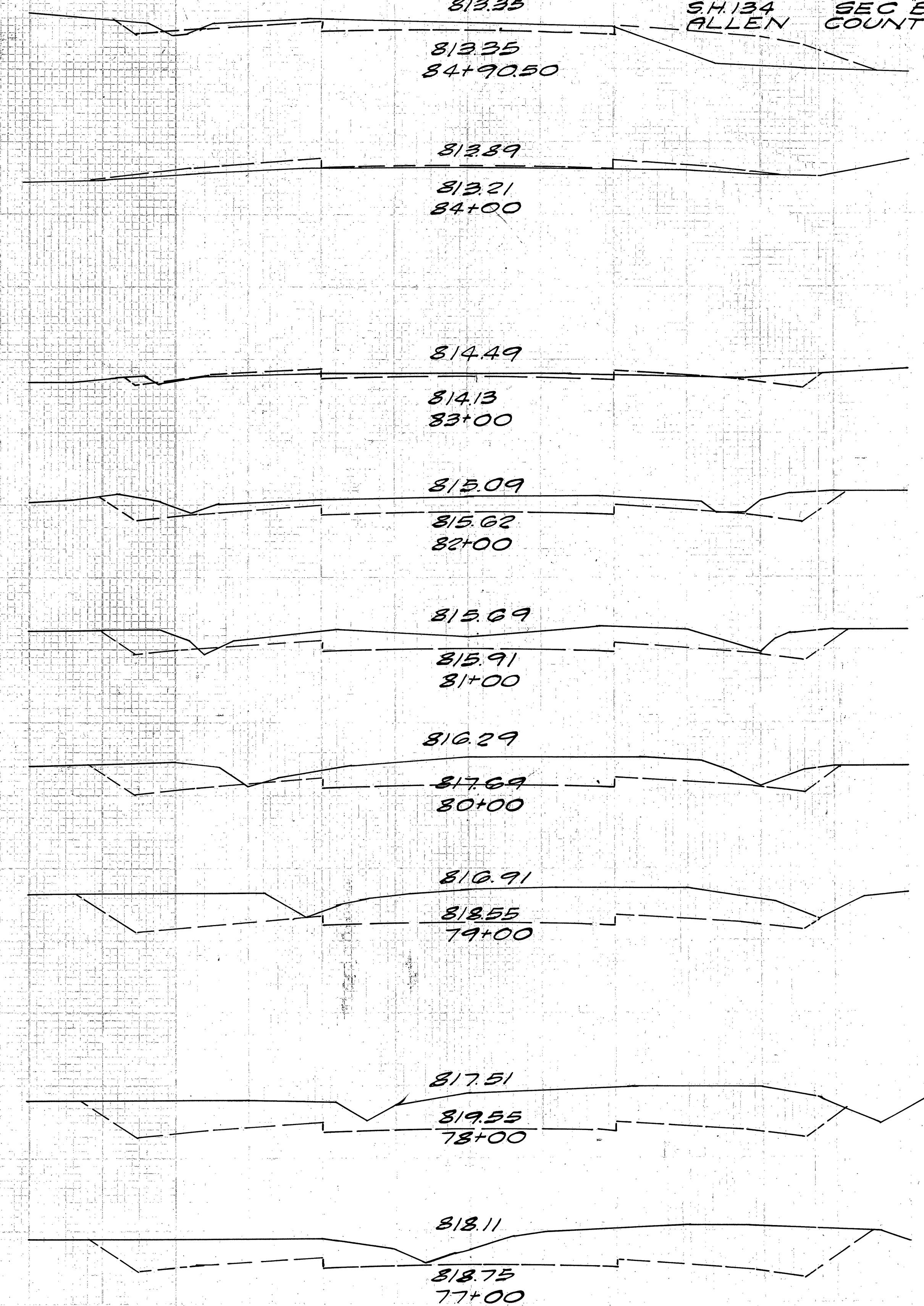
30 25 20 15 10 5 ± 5 10 15 20 25 30



End Area		Cu Yds	
Exc	Emb	Exc	Emb
18.7	238	311	5.91
0	117	185	25.4
10	20	100	2.7
440	0	179	0.9
52	.5	228	0.9
703	0	297	0
90	0	370	
110	0	398	
105	0	313	0.9

Borrow = 28 Cu. Yds.

30 25 20 15 10 5 ± 5 10 15



FED. RD. DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR
10	OHIO		1932

15.  
16

S.H. 134  
ALLEN COUNTY  
SEC. B.P.

S.H. 134  
ALLEN  
SEC. B' of  
COUNTY

# SUMMARY OF QUANTITIES

- PRIVATE DRIVES & SIDE DRAINS -

Station From	Station To		Corr. I.P. Lin. Ft.		Dr. Tile Lin. Ft.	Cu. Yds. Loose Stone	Inlets Std.
			8"	10"			
2+90	-	Lt.	-	20	-	3	-
5+71.5	-	Rt.	-	33	-	3	-
6+73	-	Lt.	-	24	-	3	-
18+83	-	Lt.	-	20	-	-	-
3+00	6+61	Lt.	-	-	36	-	1
6+85	8+83	Lt.	-	-	198	-	-
18+50	18+73	Lt.	-	-	23	-	1
18+93	23+23	Lt.	-	-	430	-	-
24+79	-	Lt.	-	20	-	-	-
28+95	-	Rt.	-	20	-	3	-
29+10	-	Lt.	-	20	-	3	-
47+18	47+26	Rt.	-	-	8	-	1
47+36	-	Rt.	20	-	-	3	-
47+37	-	Lt.	20	-	-	3	-
47+46	48+85	Rt.	-	-	139	-	-
82+25	-	Lt.	-	-	-	-	1
82+45	-	Lt.	16	24	-	-	-
82+65	83+40	Lt.	-	-	75	-	-
83+10	-	Rt.	20	-	-	3	-
83+50	-	Lt.	20	-	-	3	-
83+60	-	Rt.	20	-	-	3	-
83+60	83+84	Lt.	-	-	24	-	-
83+90	84+57	Lt.	-	-	67	-	-
83+97	-	Rt.	-	-	-	-	1
83+20	83+50	Rt.	-	-	30	-	-
83+70	84+30	Rt.	-	-	60	-	-
84+67	-	Lt.	20	-	-	3	-
84+77	84+90	Lt.	-	-	13	-	1
Totals	-	-	120	76	121	1428	33

x x x x x x

- CULVERTS -

Item No.	Station	Exc. Cu. Yds.	R.C.P. Lin. Ft.			V.S.P. Lin. Ft.	Cast. I.P. Relay Lin. Ft.	C.B. Std. #	1.5% Conc. Headwalls Cu. Yds.			Reinf. Steel In Lbs.	For Detail Sheet No.	Remarks
			12"	24"	30"				5' x 5'	3' x 3'				
1	8+92	46	-	50	-	6	-	1	1.4	-	-	33	6	Remove C.B. & 36"-24" Conc. Tile - Take 1/2" top Headwall.
2	12+42	19	45	-	-	6	-	1	.65	-	-	20	6	Remove 35"-8" Corr. I.P. & Stone Headwall.
3	23+25	10	-	30	-	-	24	-	2.8	-	-	65	6	Remove 2 Headwalls & 4"-24" V.S.P.
4	48+89	21	46	-	-	8	-	1	1.3	-	-	30	6	Remove 34"-8" V.S.P. Conn.
5	53+87.5	22	52	-	-	6	-	1	.65	-	-	20	6	Remove 37"-6" V.S.P. Conn.
6	56+63	19	43	-	-	6	-	1	.65	-	-	20	6	Remove 37"-6" V.S.P. Conn.
7	64+00	20	7	11	-	-	-	1	2.7	-	-	45	7	-
8	84+09	25	66	-	-	6	2	1	1.3	-	-	30	7	Remove 64'-12" Tile -
Totals		369	252	131		38	2	24	7	11.45		263		

x x x x x x x x

- ROADWAY EXC. & EMB. -

Station From	Station To	Exc.	Emb. + 10%	Waste	Borrow
0+00	22+00	1399	1340	(59)	
22+00	40+50	2794	2335	(459)	
40+50	61+77	4348	4345	(3)	
61+77	65+44	00	21,750		21,750
65+44	84+30.5	4035	4053		23
Totals		12576	34328	62	21814
Net				0	21752

- COMPUTATIONS -

Sta. 0+00 to Sta. 84+30.5 = 8430.5 Lin. Ft. ✓  
 Total Pavt. =  $\frac{8430.5 \times 20}{9} = 18,867.7$  Sq. Yds. ✓

SCANNED  
MAR 3 1998  
ARCHIVE CD80016