

NRH 547-D

FEDAID DISTNO	STATE	FEDAID PROJ.	FISCAL YEAR	
10	OHIO	NRH 547-D	1933	85
SH 75 JEFFERSON COUNTY				SEC. D&E

STATE OF OHIO
DEPARTMENT OF HIGHWAYS
STEUBENVILLE-CANTON-ROAD
SH. I.C.H. 75 SEC'S. D&E
JEFFERSON COUNTY

APPROVED
[Signature]
Planning Engr. *[Signature]* Date *9-16-33*
Remarks *NEW 20 ft Concrete Pavt, 9' City Co. Sigs.*

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO DEPARTMENT OF HIGHWAYS TOGETHER WITH THE SUPPLEMENTAL SPECIFICATIONS FOR NATIONAL RECOVERY HIGHWAY FUNDS PROJECTS 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 *[Signature]*
DATE *July 18th 33* RESIDENT DISTRICT DEPUTY DIRECTOR

APPROVED *[Signature]*
DATE *8-16-33* RESIDENT DIVISION DEPUTY DIRECTOR

APPROVED *[Signature]*
DATE *9/11-33* CHIEF ENGINEER BUREAU OF CONSTRUCTION

APPROVED _____
DATE _____ CHIEF ENGINEER BUREAU OF MAINTENANCE

APPROVED _____
DATE _____ CHIEF ENGINEER BUREAU OF BRIDGES

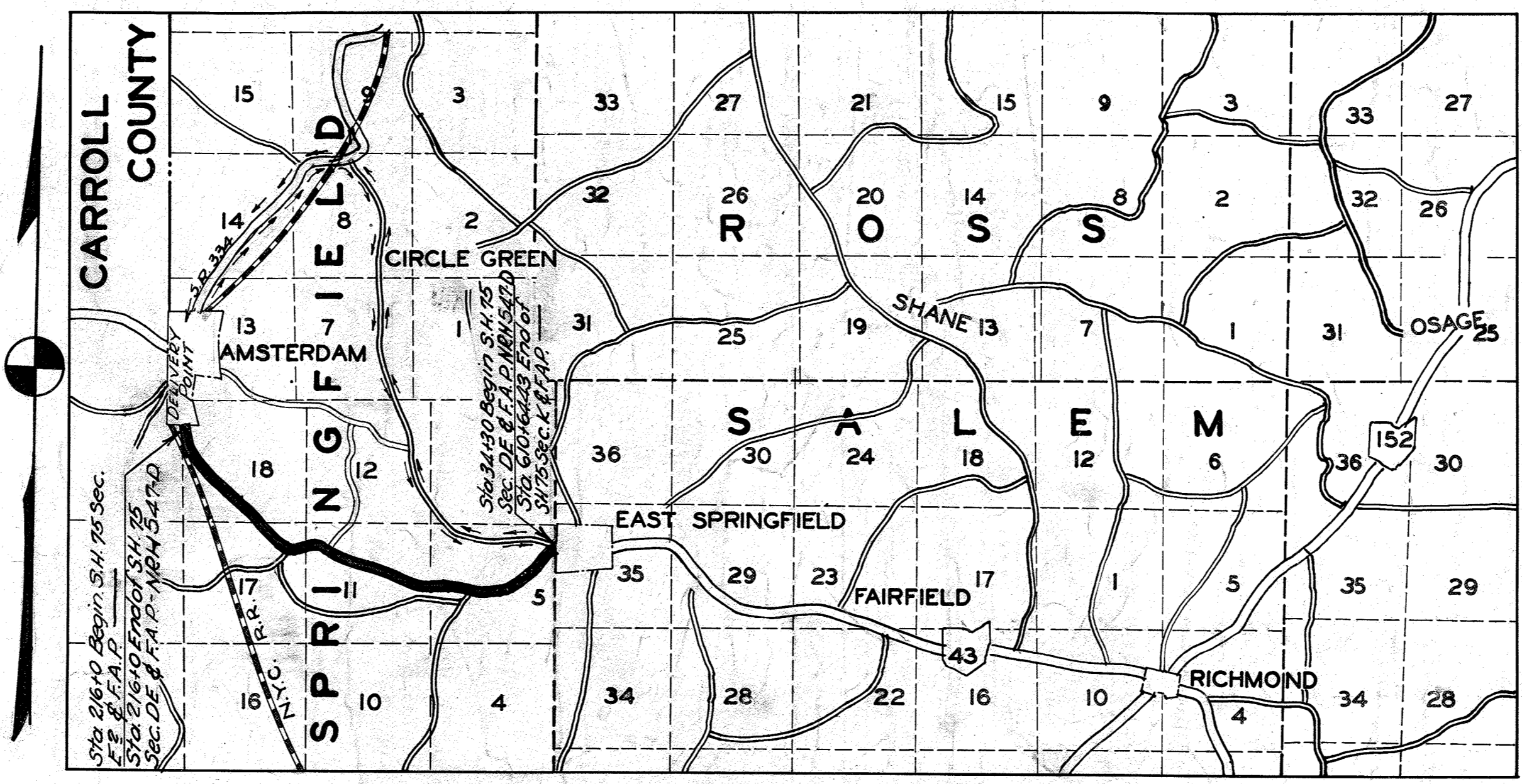
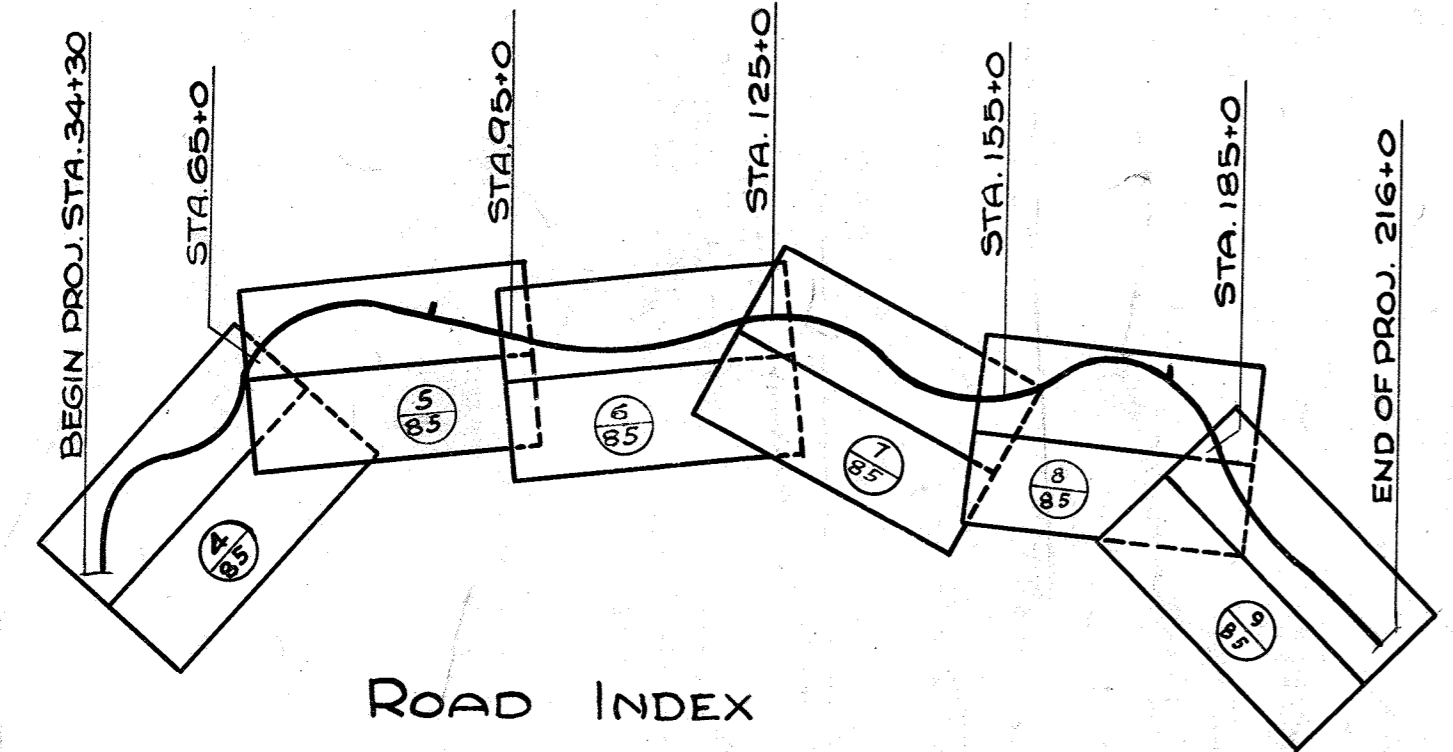
APPROVED *[Signature]*
DATE *9/11-33* CHIEF ENGINEER & 1ST ASST. DIRECTOR

APPROVED *[Signature]*
DATE *9/11-33* 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

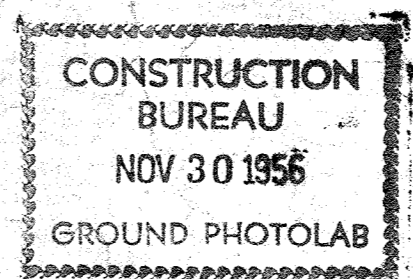
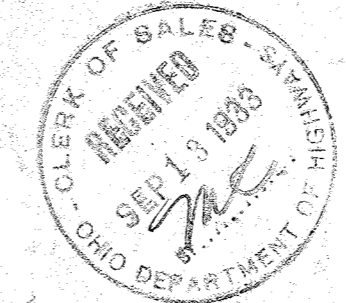


LOCATION PLAN

LENGTH OF PROJECT 18177.4 FT. OR 3.443 MILES
PORTION TO BE IMPROVED _____
DETOURS SHOWN THUS _____
IMPROVED ROADS _____

INDEX OF SHEETS

TITLE PAGE	1
TYPICAL SECTION	2-3
PLAN & PROFILE	4-10
CROSS SECTIONS	13-75
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SUMMARY SHEET	85



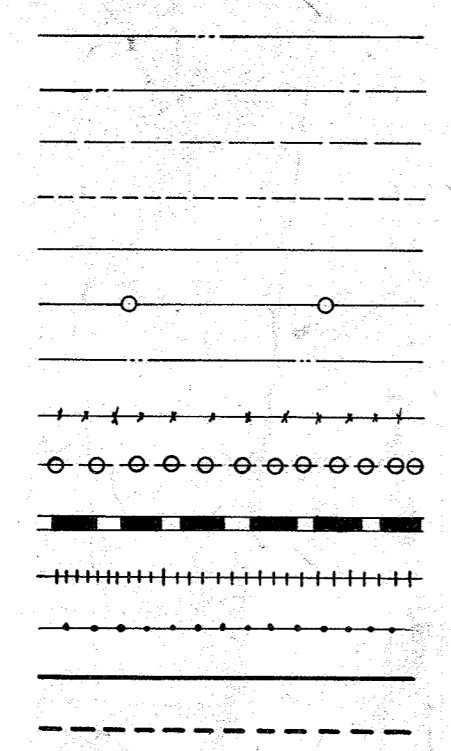
SUPPLEMENTAL PRINTS OF STRUCTURAL STANDARDS DRAWINGS NUMBERS T-70J, S-27 P.C. 1 & 2, SC-A, SB-33, AS-33, CE-A

CHECKING RECORD		
OFFICE	BY	DATE
RESIDENT DIVISION	<i>B.W.H.</i>	<i>7-17-33</i>
CENTRAL CONST.	<i>W.R.U.</i>	<i>8-29-33</i>
CENTRAL BRIDGES		
BUR. OF PUBLIC ROADS		

CONVENTIONAL

- STATE LINE
- COUNTY LINE
- TOWNSHIP LINE
- SECTION LINE
- PROPERTY LINE NOT FENCED
- CENTER LINE
- CITY OR VILLAGE LINE
- FENCE
- TELEPHONE OR TELEGRAPH
- STEAM RAILROAD
- ELECTRIC LINE
- GUARD RAIL
- DRAIN PIPE (NEW)
- DRAIN PIPE (OLD)

SIGNS



FED. AID	STATE	FED. AID	FISCAL	2 85
DIST. No	OHIO	PROJ.	YEAR	
10		NRH	1933	
		547-D		

S.H. 75 SEC. DE
JEFFERSON COUNTY

TYPICAL SECTION

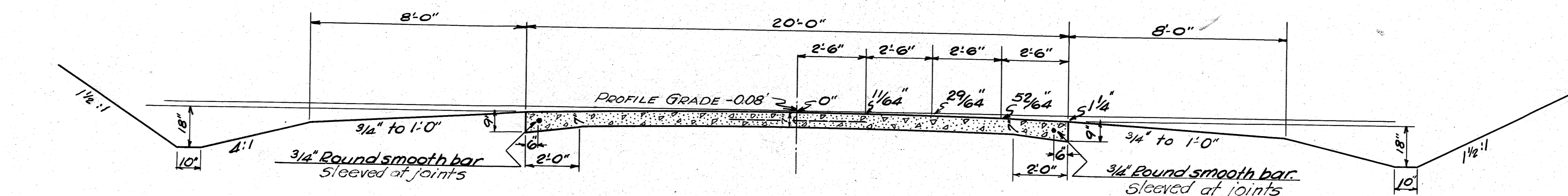
FOR 9'-7"-9" CONCRETE PAVEMENT

WITH CENTER JOINTS, DOWELS AND EDGE BARS AS PER STANDARD DRAWING NO

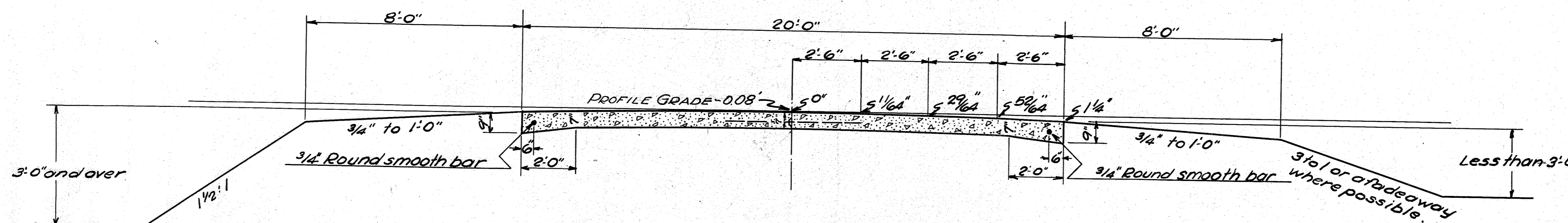
T-70-J

ITEM T-70

IN CUT

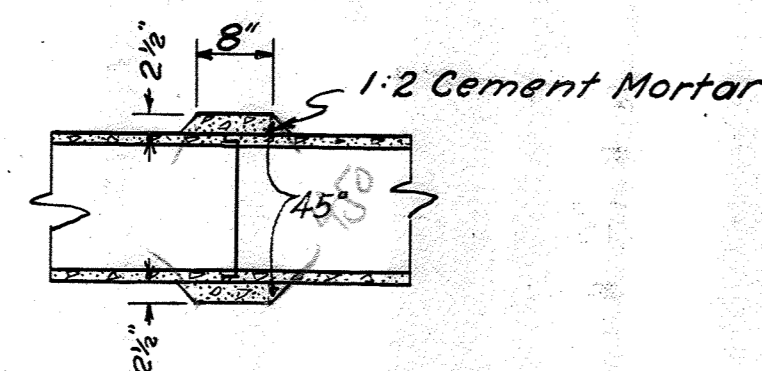


IN FILL

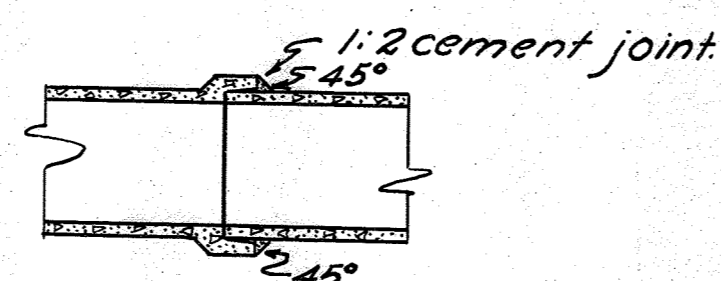


Note: Waste yardage will be used to widen berms at the direction of the engineer.

Note: The excavation quantities on this project were calculated for a section having 8'-0" shoulders and an 8" uniform depth of pavement 20' wide and a 2" crown. For a 9'-7"-9" pavement lower the profile grade 0.08' and the yardage quantities will remain the same. For grading section see sheet No 3.



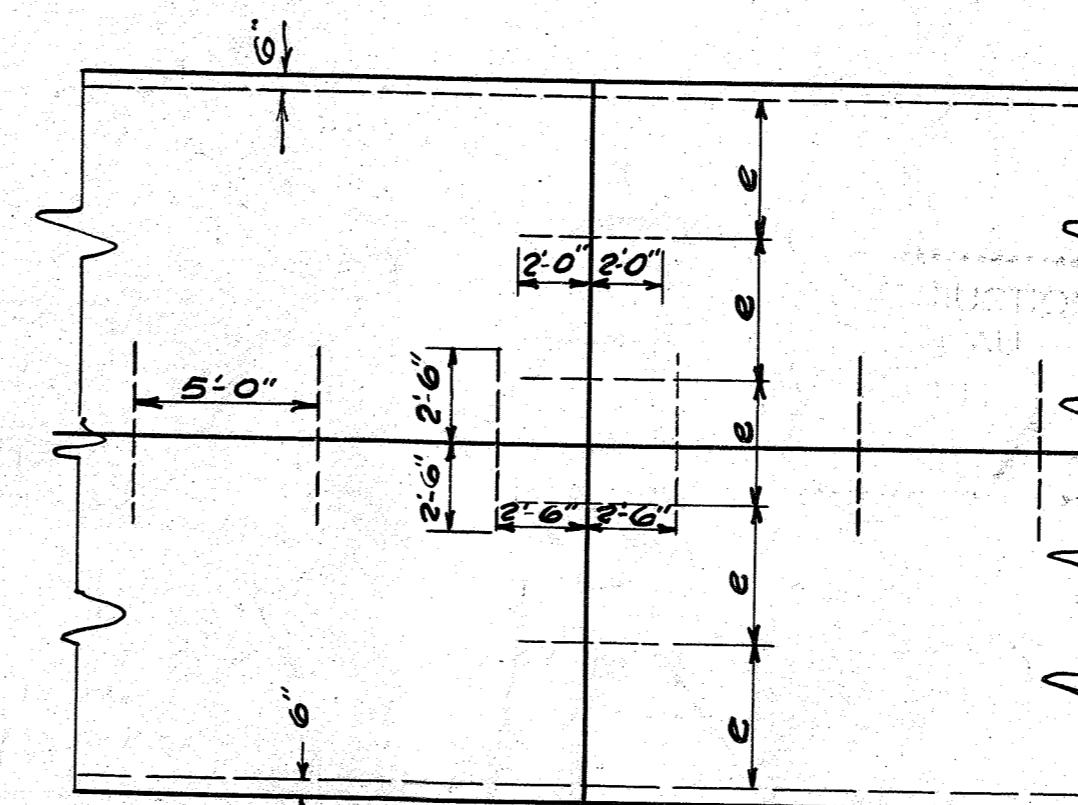
COLLAR JOINT



BELL & SPIGOT JOINT

DETAIL OF PIPE JOINTS

Note: Reinforced Concrete pipe used as an alternate for V.S.P. encased, shall be joined as shown in the pertinent accompanying sketch. Where V.S.P. (not encased) and R.C.P. are used as an alternate, they may have either open or closed joints, as specified.



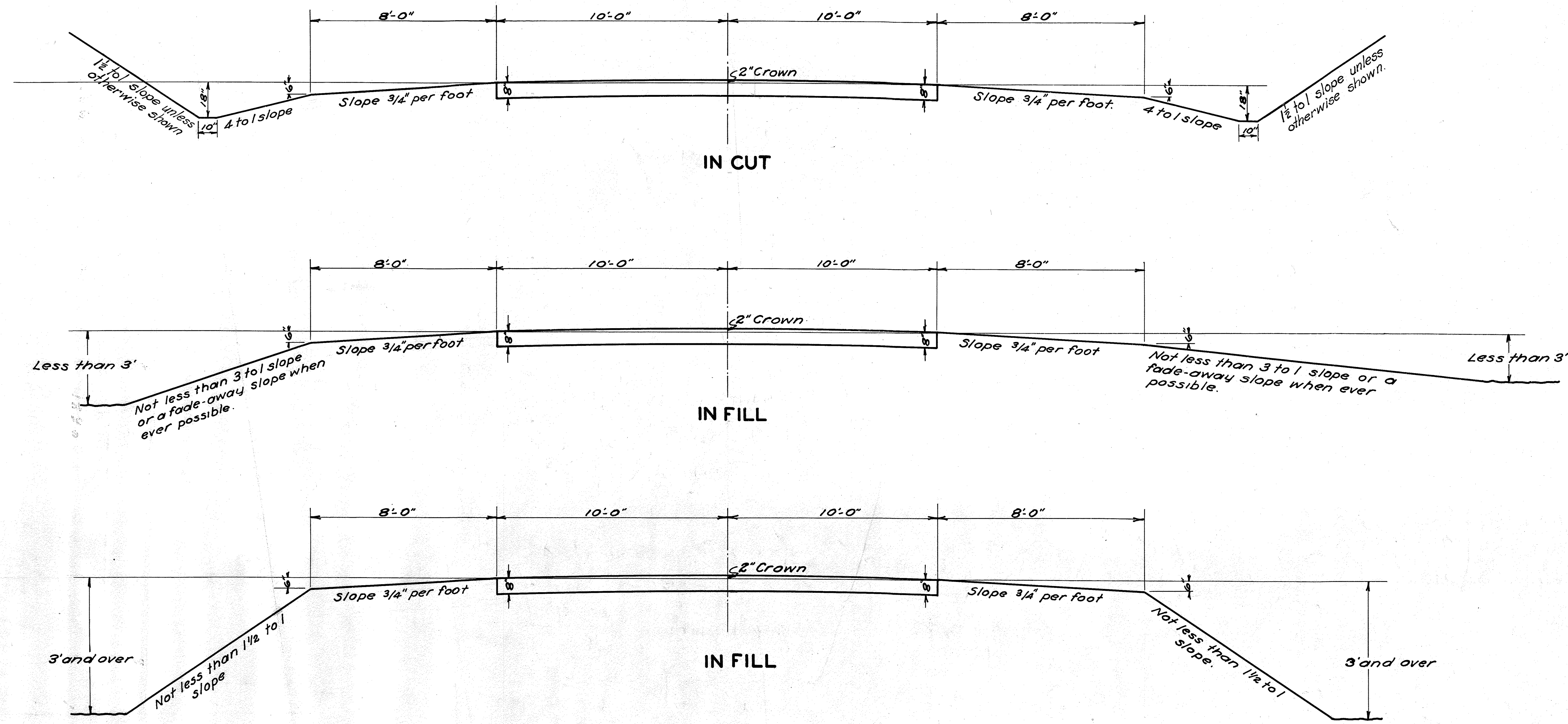
DETAIL OF TRANSVERSE JOINT

APPROVED
8-16-33

FED. AID DIST. NO.	STATE	FED. AID PROJ.	FISCAL YEAR	3 85
10	OHIO	NBH 547-D	1933	

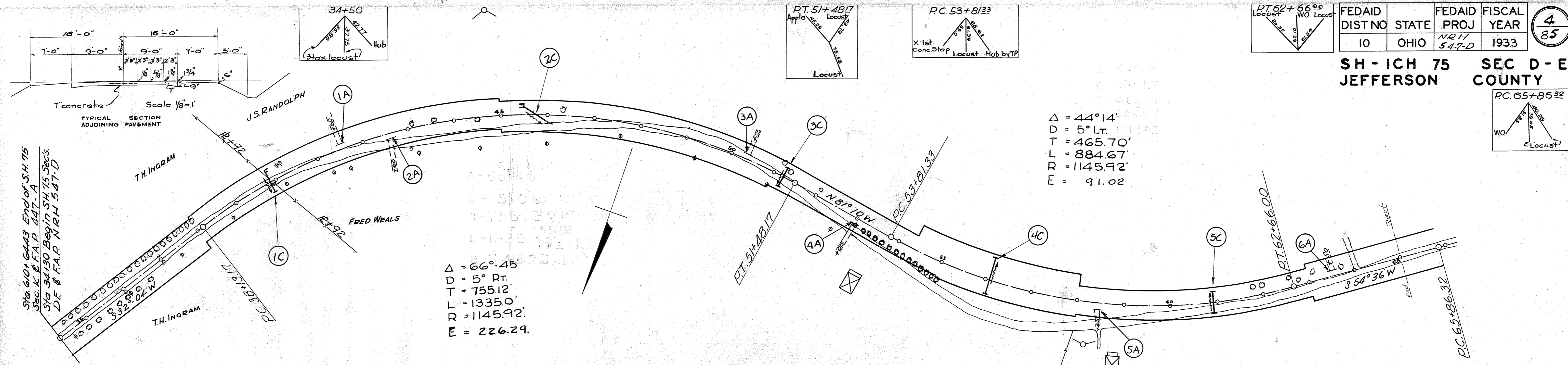
SH ICH 75 JEFFERSON SEC. D-E COUNTY

TYPICAL SECTIONS



Note - These sections were used for the calculation of excavation quantities on this project. For a 9" 7" 7" 9" concrete pavement, lower the grade 0.08'. See sheet #2 for Typical section of proposed pavement.

Copy of Note
Submitted to Mr. Davis for approval
by Spatcher on 5-2-33
verbally approved & accepted



PRIVATE DRIVES & ROAD APPROXS

Item No.	Station	Rt. or Lt.	12" pipe for drives Lin. ft.	Traffic bound Agg. Cu. Yds.
1A	41+60	L	20	6
2A	42+60	R	20	5
3A	50+30	L	20	4
4A	53+0	R	20	4
5A	58+45	R	20	2
6A	63+50	L	20	5
TOTALS			80	26

STRUCTURES 20' SPAN AND UNDER

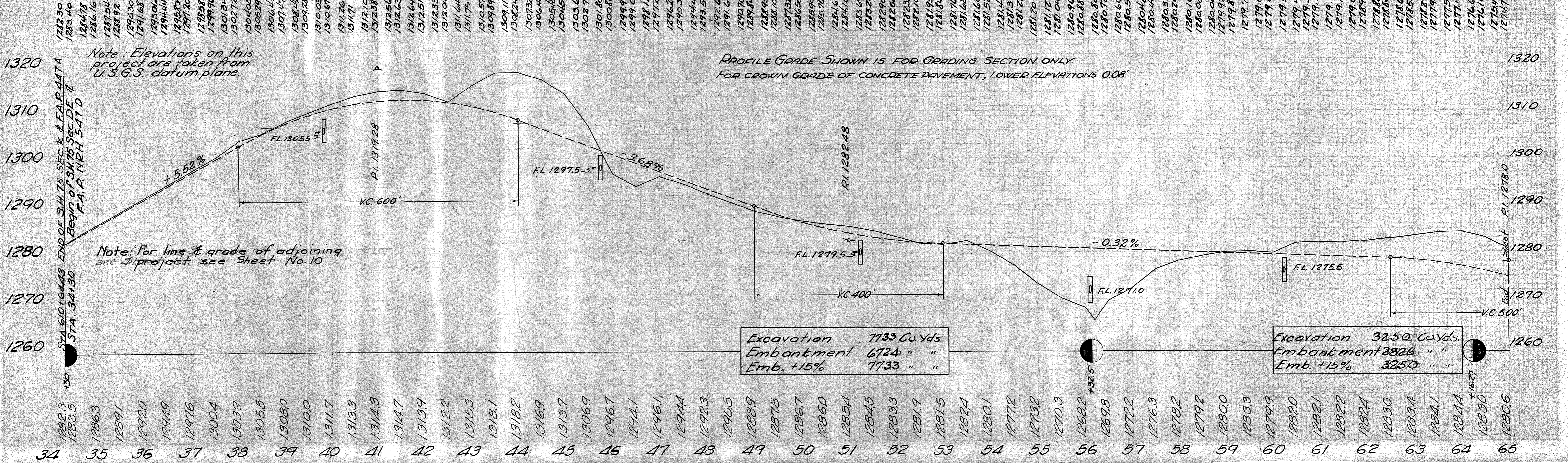
Item No.	Station	Removals		Type	Size	Excav. Cu. Yds.	Concrete		Reinf. Steel lbs	Pipe for Roadway Culverts Lin. ft.	Remarks
		Type	Size				1-5 1/2 Cu. Yds.	1-6 1/2 Cu. Yds.			
1-C	39+86	V.S.P.	18 26	Pipe culv.	12" x 44'-0"	18	2.9		55	44	Std. C.L. pipe culvert
2-C	45+73	V.S.P.	18 32	Pipe culv.	12" x 50'-0"	36	2.7		40	50	Std. C.L. pipe culvert
3-C	51+23	V.S.P.	18 30	Pipe culv.	12" x 42'-0"	17	1.3		40	42	Std pipe culvert
4-C	56+11			Pipe culv.	18" x 80'-0"	7	2.0		52	82	Std pipe culvert
5-C	60+93	V.S.P.	18 26	Pipe culv.	12" x 46'-0"	12	1.3		40	46	Std C.L. pipe culvert
Totals						90	10.2		227	140	

B.M. M.S. IN BLACK WALNUT RT. STA 34+50 ELEV. 1291.15

B.M. ON HD.W SIDEROAD CULV. RT. STA 38+75 ELEVATION 1306.49

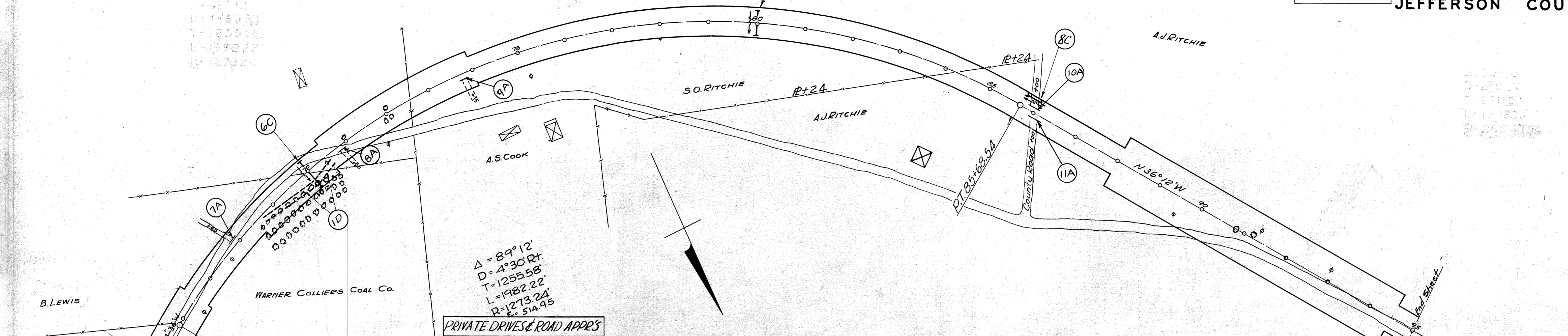
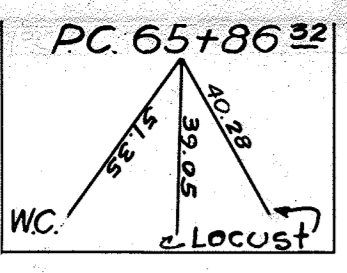
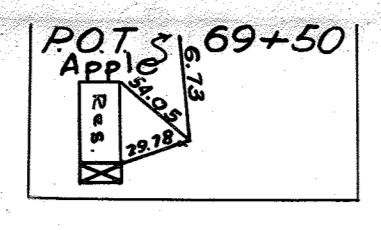
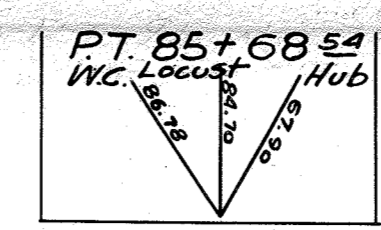
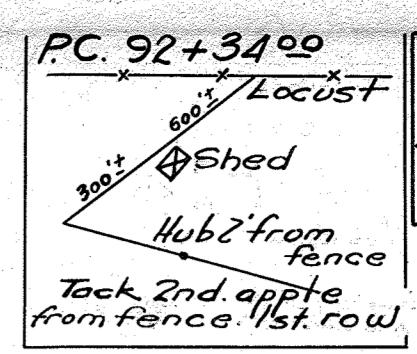
B.M. M.S. IN 16" LOCUST RT. STA 54+0 ELEV. 1287.03

B.M. M.S. IN 12" LOCUST RT. STA 61+50 ELEV. 1283.83



FEDAID DISTNO	STATE	FEDAID PROJ	FISCAL YEAR
10	OHIO	N.P.H. 547-D	1933

SH-ICH 75 SEC D-E
JEFFERSON COUNTY



PRIVATE DRIVES & ROAD APPR'ALS

Item No.	Station	Rt. or Lt.	12" Pipe Drives Lin. Ft.	Traffic bound Appr. Cu. Yds.
7A	67+90	L	20	2
8A	70+80	R		7
9A	73+75	R	20	7
10A	86+0	L		7
11A	86+0	R		7
Totals			40	30

ROADWAY DRAINAGE

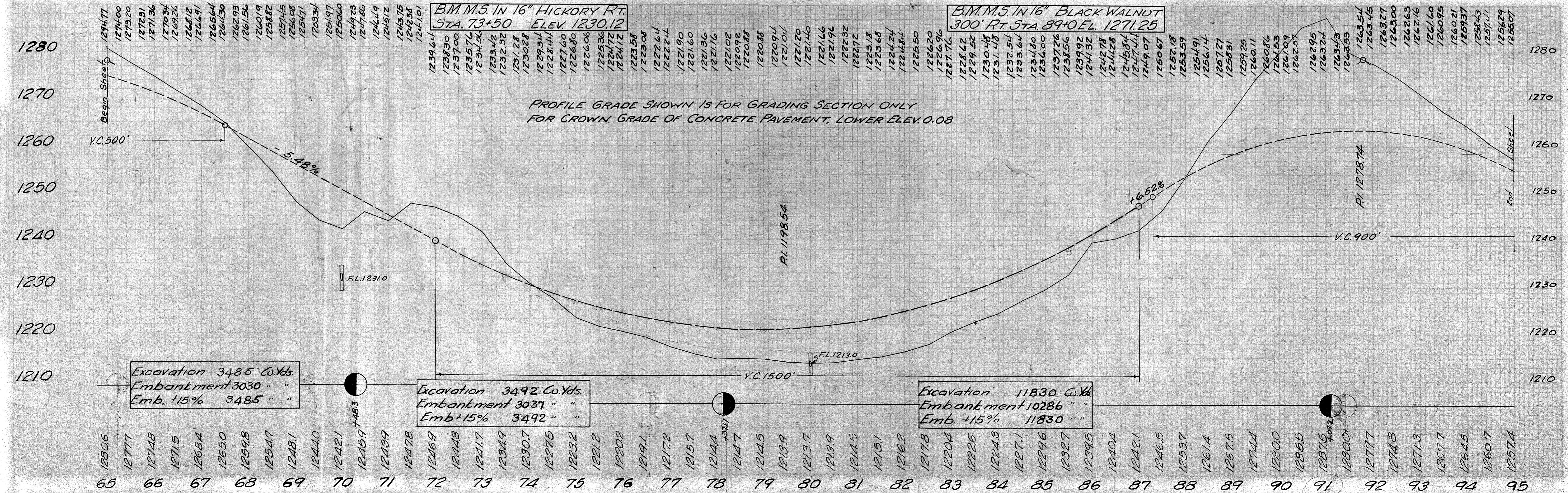
Item No.	Station	From	To	Pipe Lin. Ft.	REMARKS
				400	connect Ys
Totals				400	in culv. at 706

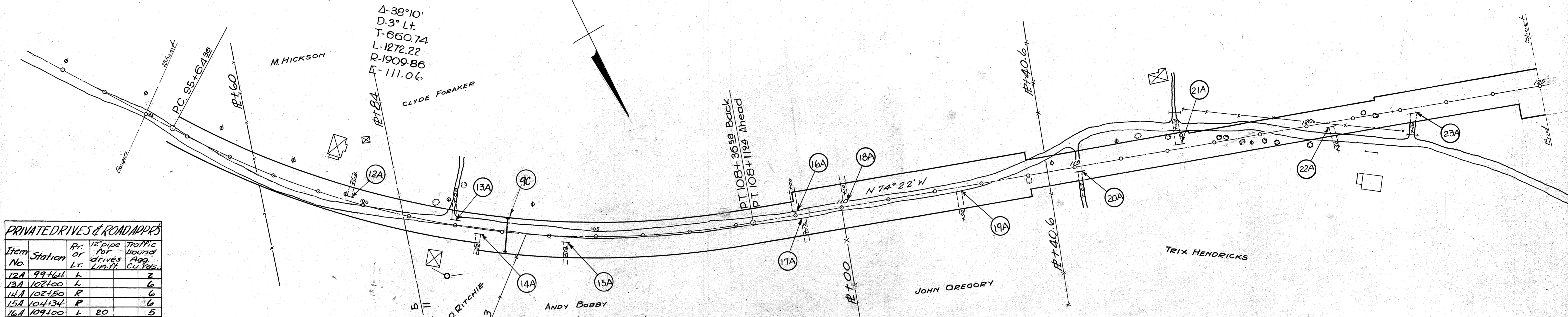
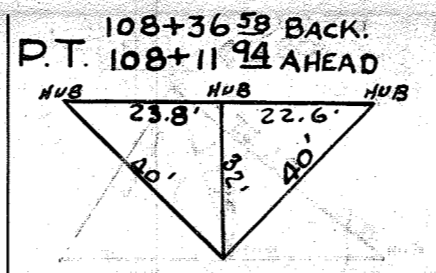
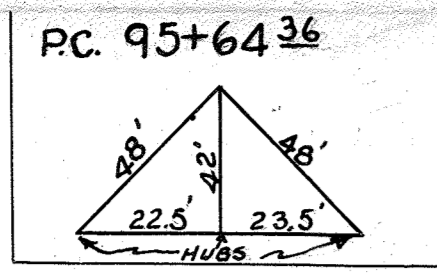
STRUCTURES 20' SPAN AND UNDER

Item No.	Station	Removals		Type	Size	Excav. Cu. Yds.	Concrete		Reinf. Steel lbs.	Pipe for Roadway Culverts, Lin. Ft.				Remarks
		Type	Size Lin. Ft.				1-3 1/2 Cu. Yds.	1-6 1/2 Cu. Yds.		12"	18"	24"	36"	
G-C	70+0			Pipe culv.	18" x 67'-0"	8	2.0	52	70				2	Std. pipe culvert
F-C	80+0			Pipe culv.	12" x 56'-0"	7	1.3	40	56					Std. pipe culvert
B-C	86+0			Pipe culv.	12" x 26'-0"	11	2.2	60	26					Std. side road culvert
Totals						26	5.5	152	82	70			2	

B.M. M.S. IN 16" HICKORY RT.
STA. 73+50 ELEV. 1230.12

B.M. M.S. IN 16" BLACK WALNUT
300' RT. STA. 89+0 ELEV. 1271.25



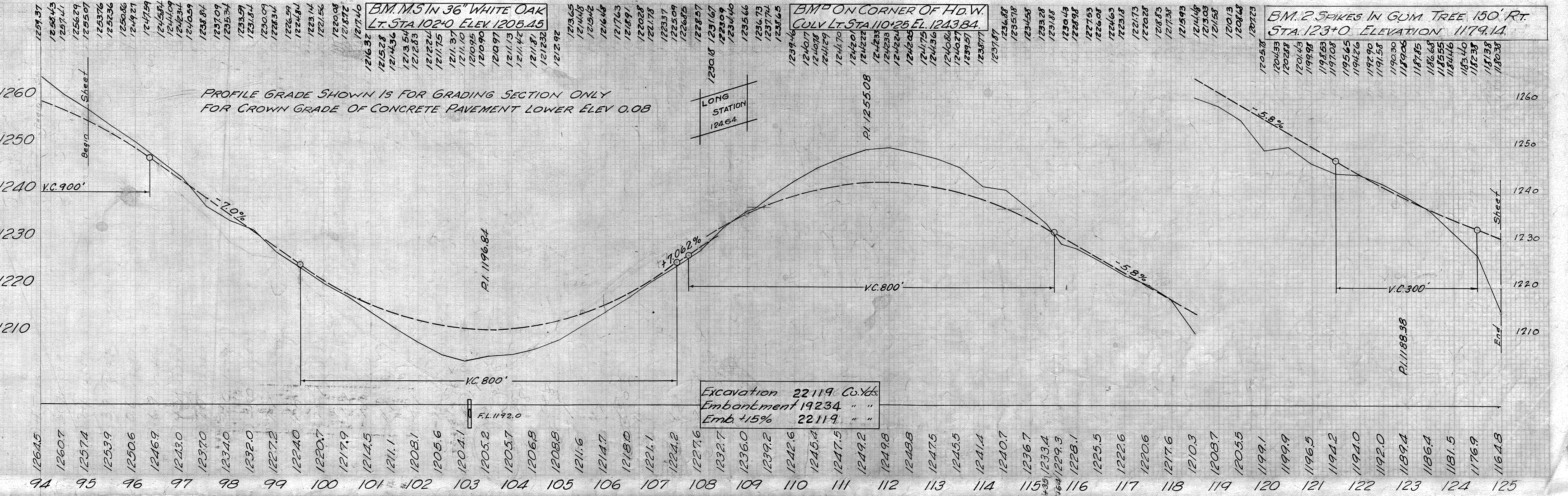


PRIVATE DRIVES & ROAD APPROXS

Item No.	Station	Rt. or Lt.	12" pipe for drives Lin. Ft.	Traffic boundary App. Cu. Yds.
12A	99+144	L		2
13A	102+100	L		6
14A	102+150	R		6
15A	104+134	R		6
16A	109+100	L	20	5
17A	109+112	R	20	5
18A	110+110	L	20	10
19A	112+150	R	20	5
20A	115+107	R	20	2
21A	117+124	L	20	5
22A	120+150	R	20	12
23A	122+120	R	20	3
TOTALS			140	67

STRUCTURES 20' SPAN AND UNDER

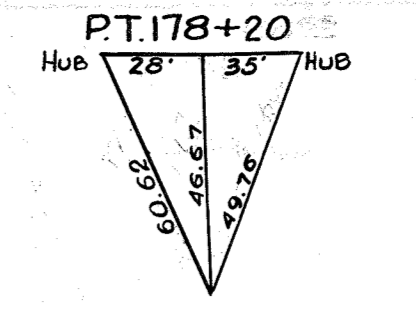
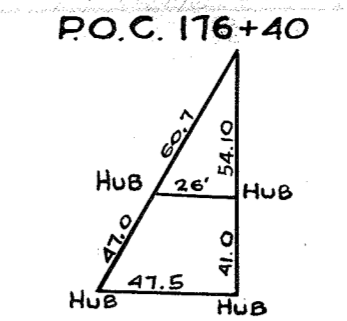
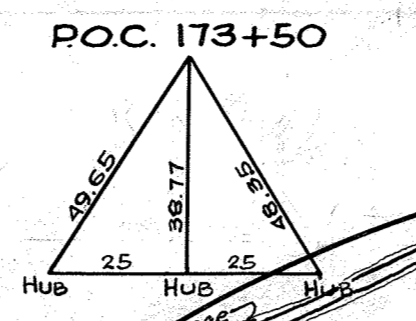
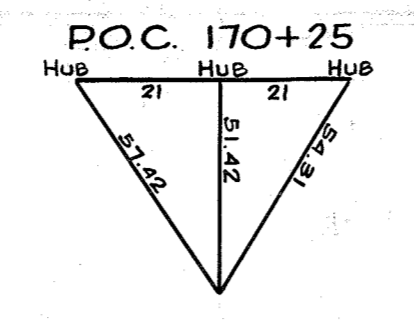
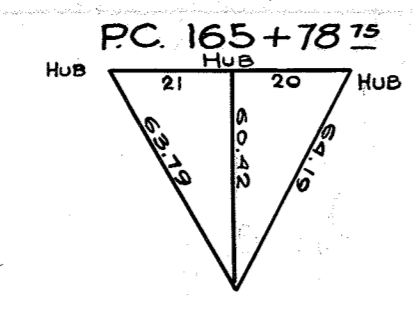
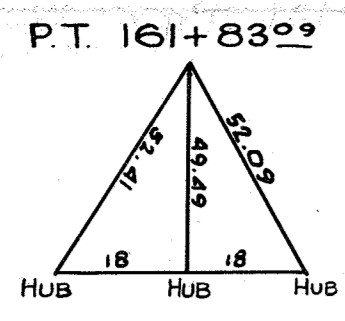
Item No.	Station	Removals		Type	Size	Excav. Cu. Yds.	Concrete		Pipe for Roadway Culverts Lin. Ft.	Remarks			
		Type	Size				12" Cu. Yds.	18" Cu. Yds.					
9C	103+112	VSP	24"	44	Pipe culv.	24" x 82' 0"	11	2.8	12"	18"	24"	36"	Stl Pipe culvert.
TOTALS							11	2.8	64	82	82		



BM. M.S. IN 36" WHITE OAK
LT. STA. 102+0 ELEV. 1205.45

BM. ON CORNER OF H.D.W.
CULV. LT. STA. 110+25 EL. 1243.84

BM. 2 SPIKES IN GUM TREE 150' RT.
STA. 123+0 ELEVATION 1179.14



Typical Channel Section
10'-0"

Excavation for Channel Change shall be disposed of at the direction of the Engineer. TOTAL EXCAVATION 3780 Cu. Yds.

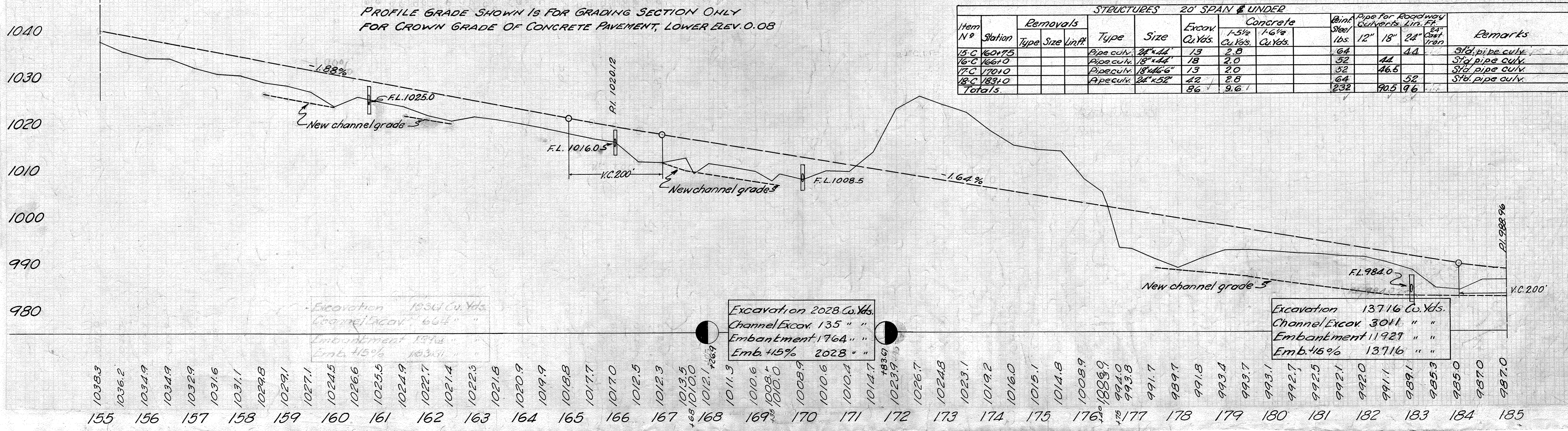
$\Delta = 99^{\circ}18'$
 $D = 8^{\circ} Rt.$
 $T = 84302$
 $R = 716.20$
 $L = 124125$
 $E = 389.98$

PRIVATE DRIVES/ROAD APPRS			
Item No.	Station	Rt. or Lt.	Traffic bound App. Cuts
27A	173+24	L	30
Totals			30

1040.80
1040.33
1039.86
1039.39
1038.92
1038.45
1037.98
1037.51
1037.04
1036.57
1036.10
1035.63
1035.16
1034.69
1034.22
1033.75
1033.28
1032.81
1032.34
1031.87
1031.40
1030.93
1030.46
1029.99
1029.52
1029.05
1028.58
1028.11
1027.64
1027.17
1026.70
1026.23
1025.76
1025.29
1024.82
1024.35
1023.88
1023.41
1022.94
1022.47
1022.00
1021.53
1021.06
1020.63
1020.18
1019.75
1019.32
1018.89
1018.48
1018.07
1017.66
1017.25
1016.84
1016.43
1016.02
1015.61
1015.20
1014.79
1014.38
1013.97
1013.56
1013.15
1012.74
1012.33
1011.92
1011.51
1011.10
1010.69
1010.28
1009.87
1009.46
1009.05
1008.64
1008.23
1007.82
1007.41
1007.00
1006.59
1006.18
1005.77
1005.36
1004.95
1004.54
1004.13
1003.72
1003.31
1002.90
1002.49
1002.08
1001.67
1001.26
1000.85
1000.44
1000.03
999.62
999.21
998.80
998.39
997.98
997.57
997.16
996.75
996.34
995.93
995.52
995.11
994.70
994.29
993.88
993.47
993.06
992.65
992.24
991.83
991.42
991.01
990.60
990.22
989.80
989.43
989.02

PROFILE GRADE SHOWN IS FOR GRADING SECTION ONLY
FOR CROWN GRADE OF CONCRETE PAVEMENT, LOWER ELEV. 0.08

Item No.	Station	Removals		STUCTURES 20' SPAN & UNDER		Concrete		Rain. Steel lbs.	Pipes for Roadway Culverts, Lin. Ft.			Remarks	
		Type	Size Lin. Ft.	Type	Size	Excav. Cu. Yds.	1-5 1/2 Cu. Yds.		1-6 1/2 Cu. Yds.	12"	18"		24" Cast Iron
15-C	160+75			Pipe culv.	24"x44"	13	2.8		64		44	44	Std. pipe culv.
16-C	166+10			Pipe culv.	18"x44"	18	2.0		52		44	44	Std. pipe culv.
17-C	170+10			Pipe culv.	18"x46"	13	2.0		52		46.5	46.5	Std. pipe culv.
18-C	183+10			Aspe culv.	24"x52"	42	2.8		64		52	52	Std. pipe culv.
Totals						86	9.6		232		90.5	96	



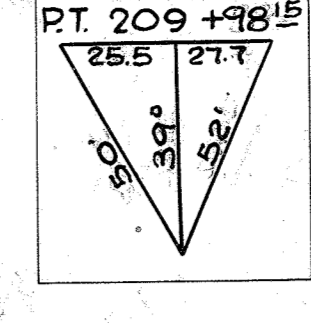
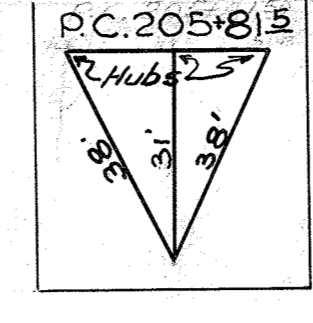
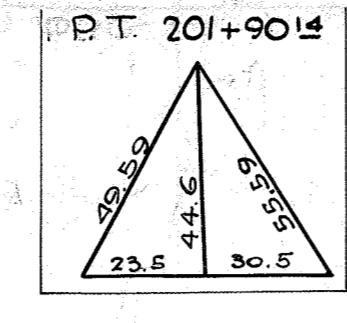
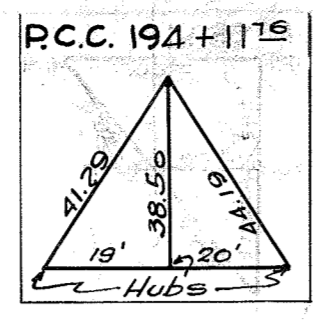
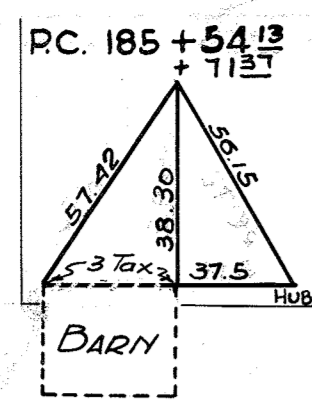
Excavation 18341 Cu. Yds.
Channel Excav. 6411 " "
Embankment 15%
Emb. 45% 18341

Excavation 2028 Cu. Yds.
Channel Excav. 135 " "
Embankment 15%
Emb. 45% 2028 " "

Excavation 13716 Cu. Yds.
Channel Excav. 3011 " "
Embankment 15%
Emb. 45% 13716 " "

J.M.N. # 100

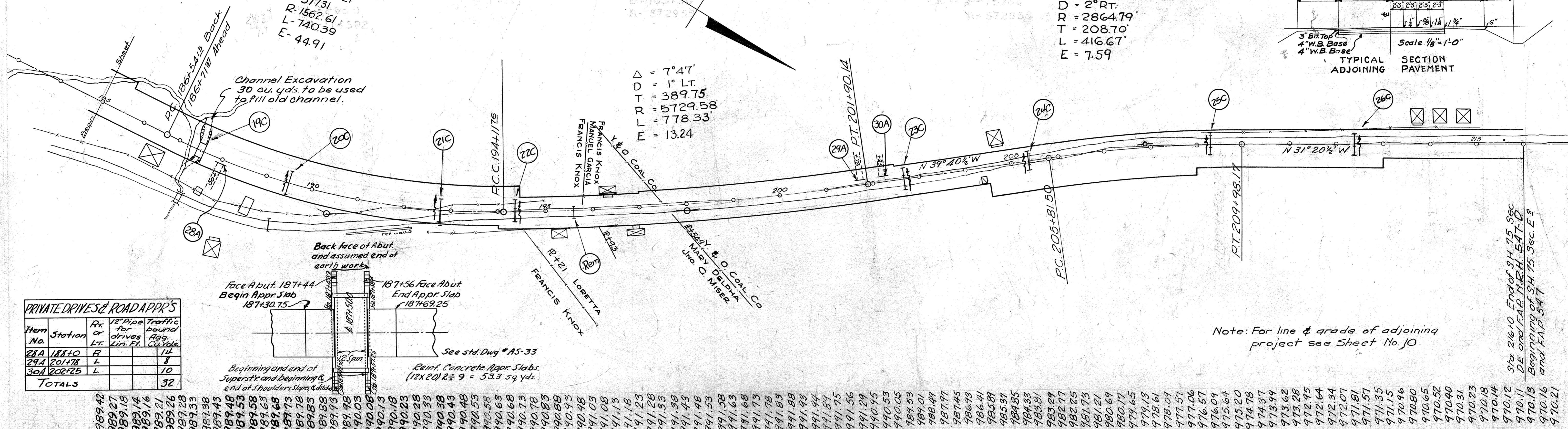
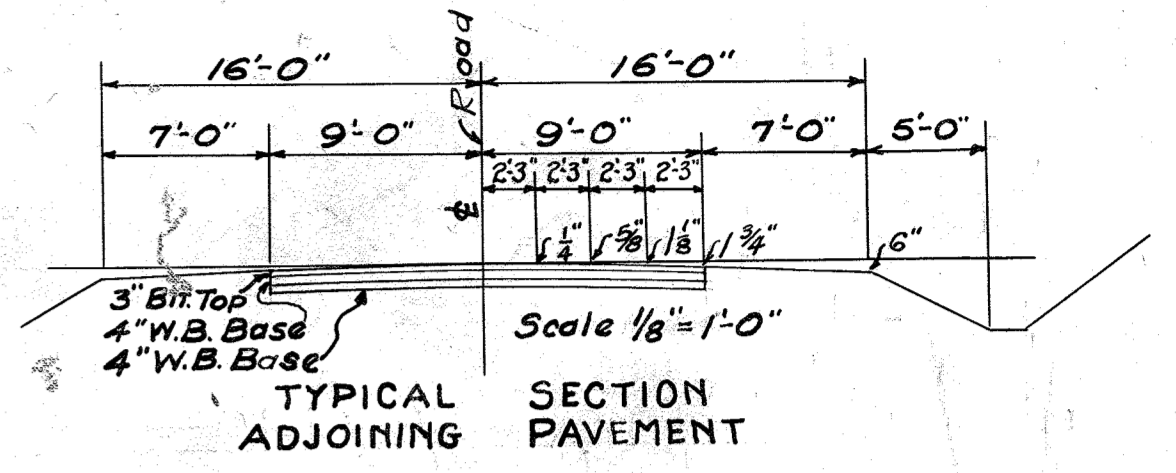
222



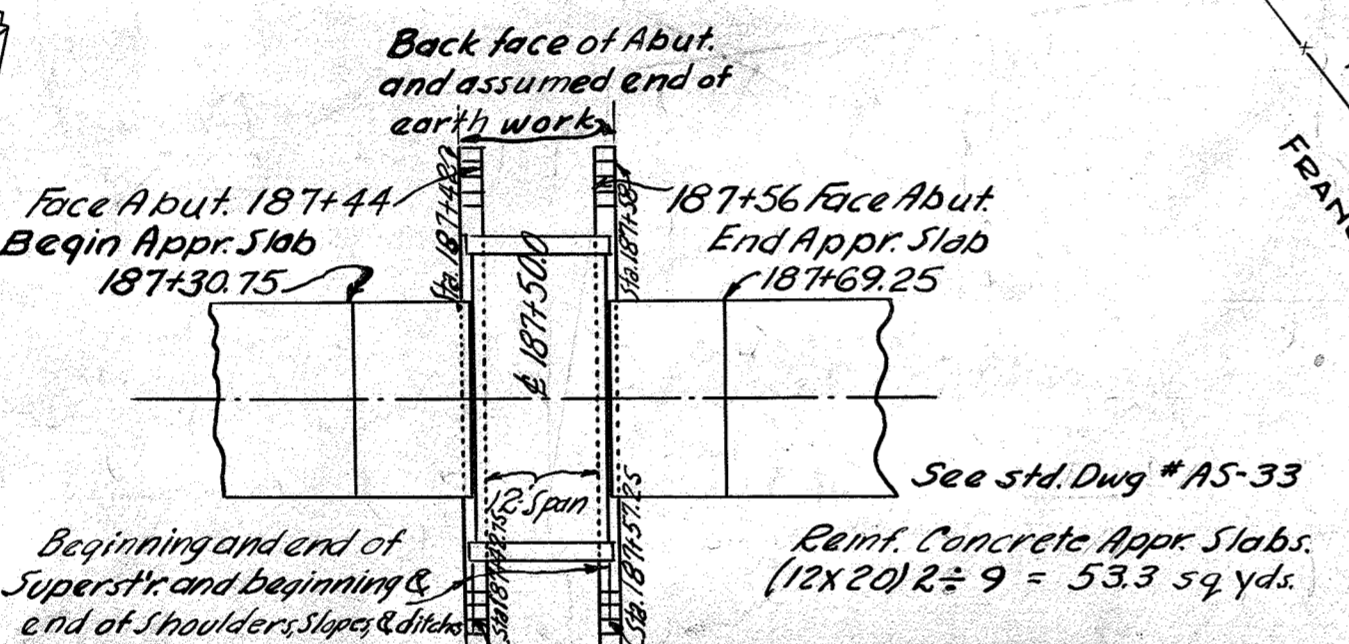
Δ = 27° 09'
D = 3° 40' Lt
T = 37731
R = 1562.61
L = 740.39
E = 44.91

Δ = 7° 47'
D = 1° Lt
T = 389.75
R = 5729.58
L = 778.33
E = 13.24

Δ = 8° 20'
D = 2° Rt
R = 2864.79
T = 208.70
L = 416.67
E = 7.59



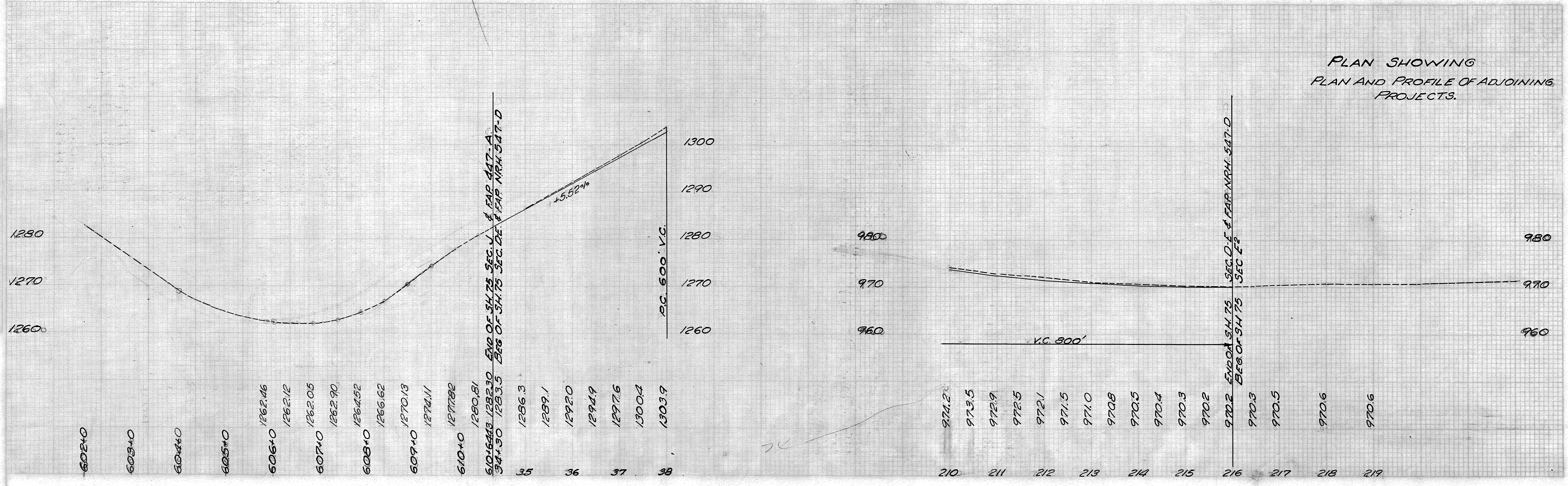
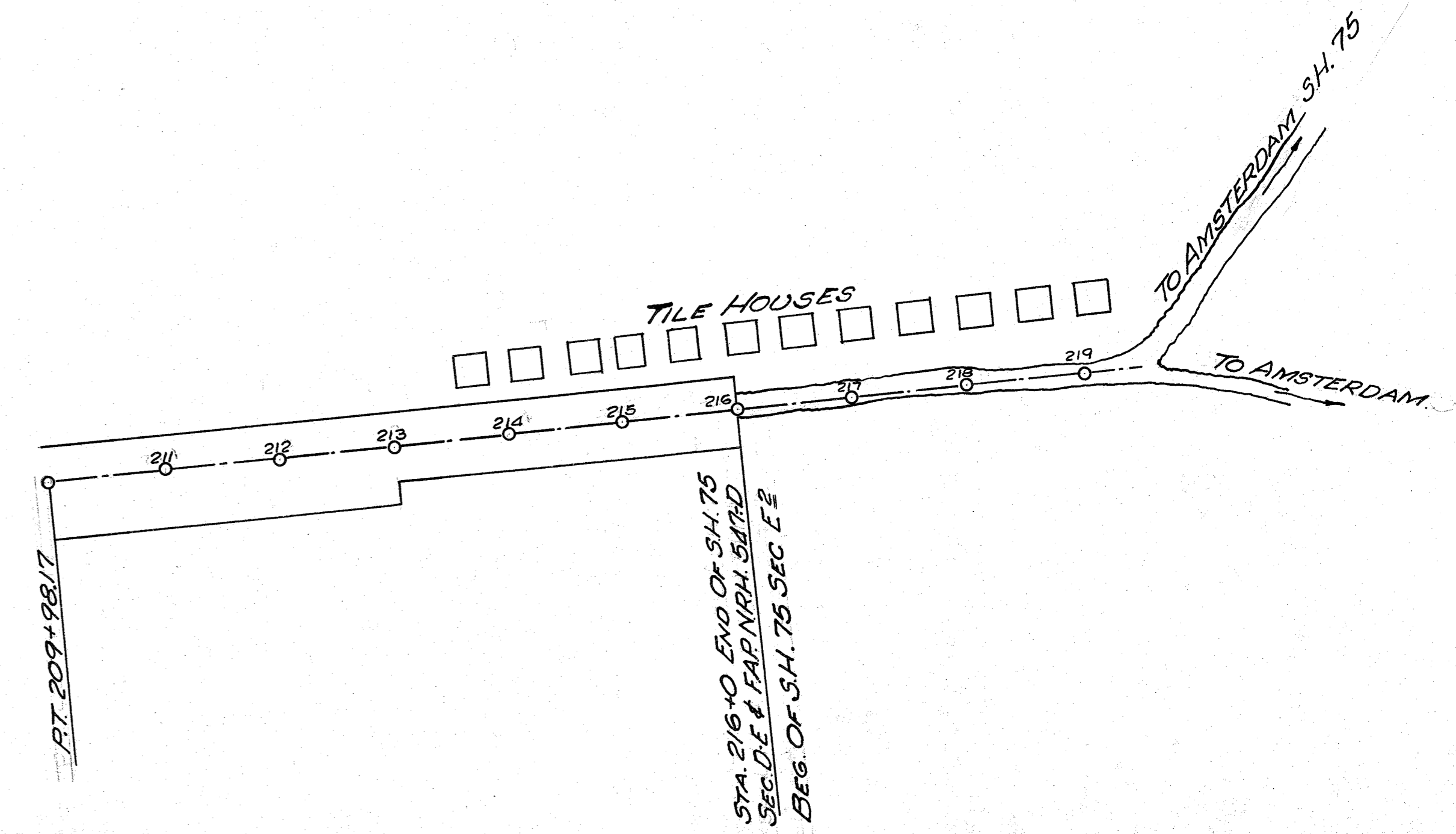
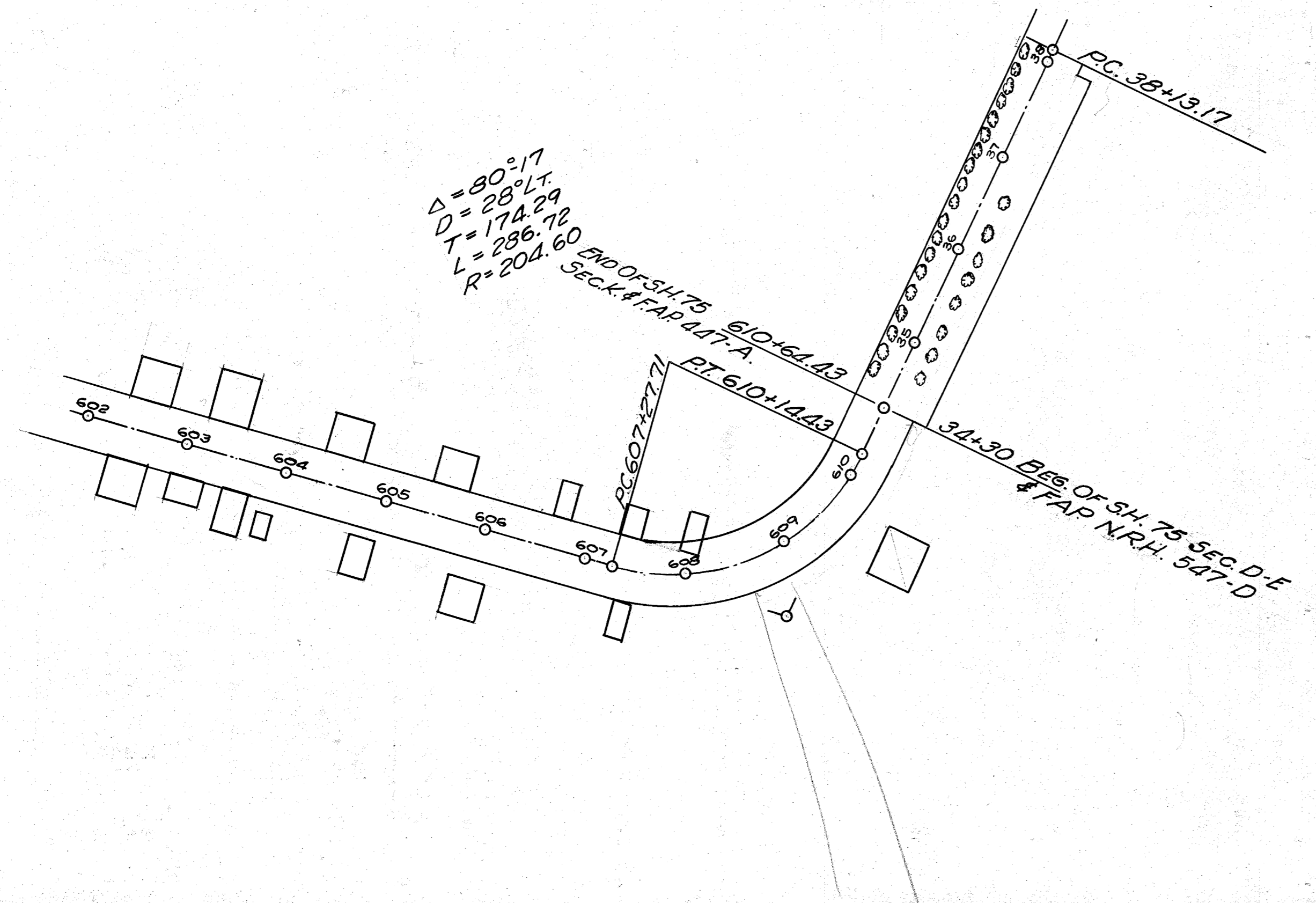
Channel Excavation
30 cu. yds. to be used
to fill old channel.



Item No.	Station	Rt or Lt	12\"/>
28A	188+0	R	14
29A	201+78	L	8
30A	208+25	L	10
TOTALS			32

Note: For line & grade of adjoining project see Sheet No. 10

989.42	989.27	989.18	989.14	989.16	989.21	989.28	989.33	989.38	989.43	989.48	989.53	989.58	989.63	989.68	989.73	989.78	989.83	989.88	989.93	989.98	990.03	990.08	990.13	990.18	990.23	990.28	990.33	990.38	990.43	990.48	990.53	990.58	990.63	990.68	990.73	990.78	990.83	990.88	990.93	990.98	991.03	991.08	991.13	991.18	991.23	991.28	991.33	991.38	991.43	991.48	991.53	991.58	991.63	991.68	991.73	991.78	991.83	991.88	991.93	991.98	992.03	992.08	992.13	992.18	992.23	992.28	992.33	992.38	992.43	992.48	992.53	992.58	992.63	992.68	992.73	992.78	992.83	992.88	992.93	992.98	993.03	993.08	993.13	993.18	993.23	993.28	993.33	993.38	993.43	993.48	993.53	993.58	993.63	993.68	993.73	993.78	993.83	993.88	993.93	993.98	994.03	994.08	994.13	994.18	994.23	994.28	994.33	994.38	994.43	994.48	994.53	994.58	994.63	994.68	994.73	994.78	994.83	994.88	994.93	994.98	995.03	995.08	995.13	995.18	995.23	995.28	995.33	995.38	995.43	995.48	995.53	995.58	995.63	995.68	995.73	995.78	995.83	995.88	995.93	995.98	996.03	996.08	996.13	996.18	996.23	996.28	996.33	996.38	996.43	996.48	996.53	996.58	996.63	996.68	996.73	996.78	996.83	996.88	996.93	996.98	997.03	997.08	997.13	997.18	997.23	997.28	997.33	997.38	997.43	997.48	997.53	997.58	997.63	997.68	997.73	997.78	997.83	997.88	997.93	997.98	998.03	998.08	998.13	998.18	998.23	998.28	998.33	998.38	998.43	998.48	998.53	998.58	998.63	998.68	998.73	998.78	998.83	998.88	998.93	998.98	999.03	999.08	999.13	999.18	999.23	999.28	999.33	999.38	999.43	999.48	999.53	999.58	999.63	999.68	999.73	999.78	999.83	999.88	999.93	999.98	1000.03	1000.08	1000.13	1000.18	1000.23	1000.28	1000.33	1000.38	1000.43	1000.48	1000.53	1000.58	1000.63	1000.68	1000.73	1000.78	1000.83	1000.88	1000.93	1000.98	1001.03	1001.08	1001.13	1001.18	1001.23	1001.28	1001.33	1001.38	1001.43	1001.48	1001.53	1001.58	1001.63	1001.68	1001.73	1001.78	1001.83	1001.88	1001.93	1001.98	1002.03	1002.08	1002.13	1002.18	1002.23	1002.28	1002.33	1002.38	1002.43	1002.48	1002.53	1002.58	1002.63	1002.68	1002.73	1002.78	1002.83	1002.88	1002.93	1002.98	1003.03	1003.08	1003.13	1003.18	1003.23	1003.28	1003.33	1003.38	1003.43	1003.48	1003.53	1003.58	1003.63	1003.68	1003.73	1003.78	1003.83	1003.88	1003.93	1003.98	1004.03	1004.08	1004.13	1004.18	1004.23	1004.28	1004.33	1004.38	1004.43	1004.48	1004.53	1004.58	1004.63	1004.68	1004.73	1004.78	1004.83	1004.88	1004.93	1004.98	1005.03	1005.08	1005.13	1005.18	1005.23	1005.28	1005.33	1005.38	1005.43	1005.48	1005.53	1005.58	1005.63	1005.68	1005.73	1005.78	1005.83	1005.88	1005.93	1005.98	1006.03	1006.08	1006.13	1006.18	1006.23	1006.28	1006.33	1006.38	1006.43	1006.48	1006.53	1006.58	1006.63	1006.68	1006.73	1006.78	1006.83	1006.88	1006.93	1006.98	1007.03	1007.08	1007.13	1007.18	1007.23	1007.28	1007.33	1007.38	1007.43	1007.48	1007.53	1007.58	1007.63	1007.68	1007.73	1007.78	1007.83	1007.88	1007.93	1007.98	1008.03	1008.08	1008.13	1008.18	1008.23	1008.28	1008.33	1008.38	1008.43	1008.48	1008.53	1008.58	1008.63	1008.68	1008.73	1008.78	1008.83	1008.88	1008.93	1008.98	1009.03	1009.08	1009.13	1009.18	1009.23	1009.28	1009.33	1009.38	1009.43	1009.48	1009.53	1009.58	1009.63	1009.68	1009.73	1009.78	1009.83	1009.88	1009.93	1009.98	1010.03	1010.08	1010.13	1010.18	1010.23	1010.28	1010.33	1010.38	1010.43	1010.48	1010.53	1010.58	1010.63	1010.68	1010.73	1010.78	1010.83	1010.88	1010.93	1010.98	1011.03	1011.08	1011.13	1011.18	1011.23	1011.28	1011.33	1011.38	1011.43	1011.48	1011.53	1011.58	1011.63	1011.68	1011.73	1011.78	1011.83	1011.88	1011.93	1011.98	1012.03	1012.08	1012.13	1012.18	1012.23	1012.28	1012.33	1012.38	1012.43	1012.48	1012.53	1012.58	1012.63	1012.68	1012.73	1012.78	1012.83	1012.88	1012.93	1012.98	1013.03	1013.08	1013.13	1013.18	1013.23	1013.28	1013.33	1013.38	1013.43	1013.48	1013.53	1013.58	1013.63	1013.68	1013.73	1013.78	1013.83	1013.88	1013.93	1013.98	1014.03	1014.08	1014.13	1014.18	1014.23	1014.28	1014.33	1014.38	1014.43	1014.48	1014.53	1014.58	1014.63	1014.68	1014.73	1014.78	1014.83	1014.88	1014.93	1014.98	1015.03	1015.08	1015.13	1015.18	1015.23	1015.28	1015.33	1015.38	1015.43	1015.48	1015.53	1015.58	1015.63	1015.68	1015.73	1015.78	1015.83	1015.88	1015.93	1015.98	1016.03	1016.08	1016.13	1016.18	1016.23	1016.28	1016.33	1016.38	1016.43	1016.48	1016.53	1016.58	1016.63	1016.68	1016.73	1016.78	1016.83	1016.88	1016.93	1016.98	1017.03	1017.08	1017.13	1017.18	1017.23	1017.28	1017.33	1017.38	1017.43	1017.48	1017.53	1017.58	1017.63	1017.68	1017.73	1017.78	1017.83	1017.88	1017.93	1017.98	1018.03	1018.08	1018.13	1018.18	1018.23	1018.28	1018.33	1018.38	1018.43	1018.48	1018.53	1018.58	1018.63	1018.68	1018.73	1018.78	1018.83	1018.88	1018.93	1018.98	1019.03	1019.08	1019.13	1019.18	1019.23	1019.28	1019.33	1019.38	1019.43	1019.48	1019.53	1019.58	1019.63	1019.68	1019.73	1019.78	1019.83	1019.88	1019.93	1019.98	1020.03	1020.08	1020.13	1020.18	1020.23	1020.28	1020.33	1020.38	1020.43	1020.48	1020.53	1020.58	1020.63	1020.68	1020.73	1020.78	1020.83	1020.88	1020.93	1020.98	1021.03	1021.08	1021.13	1021.18	1021.23	1021.28	1021.33	1021.38	1021.43	1021.48	1021.53	1021.58	1021.63	1021.68	1021.73	1021.78	1021.83	1021.88	1021.93	1021.98	1022.03	1022.08	1022.13	1022.18	1022.23	1022.28	1022.33	1022.38	1022.43	1022.48	1022.53	1022.58	1022.63	1022.68	1022.73	1022.78	1022.83	1022.88	1022.93	1022.98	1023.03	1023.08	1023.13	1023.18	1023.23	1023.28	1023.33	1023.38	1023.43	1023.48	1023.53	1023.58	1023.63	1023.68	1023.73	1023.78	1023.83	1023.88	1023.93	1023.98	1024.03	1024.08	1024.13	1024.18	1024.23	1024.28	1024.33	1024.38	1024.43	1024.48	1024.53	1024.58	1024.63	1024.68	1024.73	1024.78	1024.83	1024.88	1024.93	1024.98	1025.03	1025.08	1025.13	1025.18	1025.23	1025.28	1025.33	1025.38	1025.43	1025.48	1025.53	1025.58	1025.63	1025.68	1025.73	1025.78	1025.83	1025.88	1025.93	1025.98	1026.03	1026.08	1026.13	1026.18	1026.23	1026.28	1026.33	1026.38	1026.43	1026.48	1026.53	1026.58	1026.63	1026.68	1026.73	1026.78	1026.83	1026.88	1026.93	1026.98	1027.03	1027.08	1027.13	1027.18	1027.23	1027.28	1027.33	1027.38	1027.43	1027.48	1027.53	1027.58	1027.63	1027.68	1027.73	1027.78	1027.83	1027.88	1027.93	1027.98	1028.03	1028.08	1028.13	1028.18	1028.23	1028.28	1028.33	1028.38	1028.43	1028.48	1028.53	1028.58	1028.63	1028.68	1028.73	1028.78	1028.83	1028.88	1028.93	1028.98	1029.03	1029.08	1029.13	1029.18	1029.23	1029.28	1029.33	1029.38	1029.43	1029.48	1029.53	1029.58	1029.63	1029.68	1029.73	1029.78	1029.83	1029.88	1029.93	1029.98	1030.03	1030.08	1030.13	1030.18	1030.23	1030.28	1030.33	1030.38	1030.43	1030.48	1030.53	1030.58	1030.63	1030.68	1030.73	1030.78	1030.83	1030.88	1030.93	1030.98	1031.03	1031.08	1031.13	1031.18	1031.23	1031.28	1031.33	1031.38	1031.43	1031.48	1031.53	1031.58	1031.63	1031.68	1031.73	1031.78	1031.83	1031.88	1031.93	1031.98	1032.03	1032.08	1032.13	1032.18	1032.23	1032.28	1032.33	1032.38	1032.43	1032.48	1032.53	1032.58	1032.63	1032.68	1032.73	1032.78	1032.83	1032.88	1032.93	1032.98	1033.03	1033.08	1033.13	1033.18	1033.23	1033.28	1033.33	1033.38	1033.43	1033.48	1033.53	1033.58	1033.63	1033.68	1033.73	1033.78	1033.83	1033.88	1033.93	1033.98	1034.03	1034.08	1034.13	1034.18	1034.23	1034.28	1034.33	1034.38	1034.43	1034.48	1034.53	1034.58	1034.63	1034.68	1034.73	1034.78	1034.83	1034.88	1034.93	1034.98	1035.03	1035.08	1035.13	1035.18	1035.23	1035.28	1035.33	1035.38	1035.43	1035.48	1035.53	1035.58	1035.63	1035.
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SH-1CH 75 SEC-DE
JEFFERSON COUNTY

LEFT EDGE		RIGHT EDGE					
Add to Edge Gr.	Edge of Pav't	Width	Station	Grade Elevation	Width	Edge of Pav't	Product from El.
.00	1297.76	10.00	37+13.17	1297.93	10.00	1297.76	.17
.09	1298.50		+25	1298.58	10.02	1298.41	
.29	1300.08		+50	1299.96	10.15	1299.79	
.49	1301.66		+75	1301.34	10.42	1301.17	
.69	1303.24		38+00	1302.72	10.83	1302.55	
.88	1304.76		+25	1304.05	11.46	1303.88	
1.08	1306.20		+50	1305.24	11.90	1305.12	
1.19	1306.92		+63.17	1305.90	12.00	1305.73	
	1307.45		+75	1306.43	13.06.26	1306.26	
	1308.49		39+00	1307.47	13.07.30	1307.30	
	1309.44		+25	1308.42	13.08.25	1308.25	
	1310.30		+50	1309.28	13.09.11	1309.11	
	1311.05		+75	1310.03	13.09.86	1309.86	
	1311.69		40+00	1310.67	13.10.50	1310.50	
	1312.28		+25	1311.26	13.11.09	1311.09	
	1312.73		+50	1311.71	13.11.54	1311.54	
	1313.12		+75	1312.10	13.11.93	1311.93	
	1313.40		41+00	1312.38	13.12.21	1312.21	
	1313.58		+25	1312.56	13.12.39	1312.39	
	1313.65		+50	1312.63	13.12.46	1312.46	
	1313.66		+75	1312.64	13.12.47	1312.47	
	1313.53		42+00	1312.51	13.12.34	1312.34	
	1313.35		+25	1312.33	13.12.16	1312.16	
	1313.06		+50	1312.04	13.11.87	1311.87	
	1312.66		+75	1311.64	13.11.47	1311.47	
	1312.17		43+00	1311.15	13.10.98	1310.98	
	1311.59		+25	1310.57	13.10.40	1310.40	
	1310.91		+50	1309.89	13.09.72	1309.72	
	1310.13		+75	1309.11	13.08.94	1308.94	
	1309.26		44+00	1308.24	13.08.07	1308.07	
	1308.34		+25	1307.32	13.07.15	1307.15	
	1307.42		+50	1306.40	13.06.23	1306.23	
	1306.50		+75	1305.48	13.05.31	1305.31	
	1305.58		45+00	1304.56	13.04.39	1304.39	
	1304.66		+25	1303.64	13.03.47	1303.47	
	1303.74		+50	1302.72	13.02.55	1302.55	
	1302.82		+75	1301.80	13.01.63	1301.63	
	1301.90		46+00	1300.88	13.00.71	1300.71	
	1300.98		+25	1299.96	12.99.79	1299.79	
	1300.06		+50	1299.04	12.98.87	1298.87	
	1299.14		+75	1298.12	12.97.95	1297.95	
	1298.22		47+00	1297.20	12.97.03	1297.03	
	1297.30		+25	1296.28	12.96.11	1296.11	
	1296.38		+50	1295.36	12.95.19	1295.19	
	1295.46		+75	1294.44	12.94.27	1294.27	
	1294.54		48+00	1293.52	12.93.35	1293.35	
	1293.62		+25	1292.60	12.92.43	1292.43	
	1292.70		+50	1291.68	12.91.51	1291.51	
	1291.78		+75	1290.76	12.90.59	1290.59	
	1290.86		49+00	1289.84	12.89.67	1289.67	
	1289.97		+25	1288.95	12.88.78	1288.78	
	1289.12		+50	1288.10	12.87.93	1287.93	
	1288.34		+75	1287.32	12.87.15	1287.15	
	1287.60		50+00	1286.58	12.86.41	1286.41	
	1286.92		+25	1285.90	12.85.73	1285.73	
	1286.28		+50	1285.26	12.85.05	1285.05	
	1285.71		+75	1284.69	12.84.52	1284.52	
	1285.22		+98.17	1284.20	12.84.03	1284.03	
1.17	1285.16		51+00	1283.16	11.99	1283.99	
.97	1284.49		+25	1283.69	11.69	1283.52	
.77	1283.86		+50	1283.26	11.10	1283.09	
.58	1283.31		+75	1282.90	10.58	1282.73	
.38	1282.79		52+00	1282.58	10.25	1282.41	
.18	1282.33		+25	1282.32	10.06	1282.15	
.00	1281.95	10.00	+48.17	1282.12	10.00	1281.95	.17
EXTRA PAVEMENT 298.4 56 Yds.							

LEFT EDGE		RIGHT EDGE					
Product from El.	Edge of Pav't	Width	Station	Grade Elevation	Width	Edge of Pav't	Add to R Edge Gr.
.17	1281.77	10.00	52+81.33	1281.94	10.00	1281.77	.00
	1281.67	10.04	53+00	1281.84	10.00	1281.82	.15
	1281.59	10.21	+25	1281.76	10.00	1281.94	.35
	1281.51	10.52	+50	1281.68	10.00	1282.06	.55
	1281.43	10.99	+75	1281.60	10.00	1282.17	.74
	1281.35	11.62	54+00	1281.52	10.00	1282.29	.94
	1281.27	11.96	+25	1281.44	10.00	1282.41	1.14
	1281.25	12.00	+31.33	1281.42	10.00	1282.44	1.19
	1281.19		+50	1281.36	10.00	1282.38	
	1281.11		+75	1281.28	10.00	1282.30	
	1281.03		55+00	1281.20	10.00	1282.22	
	1280.95		+25	1281.12	10.00	1282.14	
	1280.87		+50	1281.04	10.00	1282.06	
	1280.79		+75	1280.96	10.00	1281.98	
	1280.71		56+00	1280.88	10.00	1281.90	
	1280.63		+25	1280.80	10.00	1281.82	
	1280.55		+50	1280.72	10.00	1281.74	
	1280.47		+75	1280.64	10.00	1281.66	
	1280.39		57+00	1280.56	10.00	1281.58	
	1280.31		+25	1280.48	10.00	1281.50	
	1280.23		+50	1280.40	10.00	1281.42	
	1280.15		+75	1280.32	10.00	1281.34	
	1280.07		58+00	1280.24	10.00	1281.26	
	1279.99		+25	1280.16	10.00	1281.18	
	1279.91		+50	1280.08	10.00	1281.10	
	1279.83		+75	1280.00	10.00	1281.02	
	1279.75		59+00	1279.92	10.00	1280.94	
	1279.67		+25	1279.84	10.00	1280.86	
	1279.59		+50	1279.76	10.00	1280.78	
	1279.51		+75	1279.68	10.00	1280.70	
	1279.43		60+00	1279.60	10.00	1280.62	
	1279.35		+25	1279.52	10.00	1280.54	
	1279.27		+50	1279.44	10.00	1280.46	
	1279.19		+75	1279.36	10.00	1280.38	
	1279.11		61+00	1279.28	10.00	1280.30	
	1279.03		+25	1279.20	10.00	1280.22	
	1278.95		+50	1279.12	10.00	1280.14	
	1278.87		+75	1279.04	10.00	1280.06	
	1278.79		62+00	1278.96	10.00	1279.98	
	1278.74	12.00	+16	1278.91	10.00	1279.93	1.19
	1278.71	11.95	+25	1278.88	10.00	1279.88	1.11
	1278.63	11.55	+50	1278.80	10.00	1279.80	.92
	1278.52	10.92	+75	1278.69	10.00	1279.71	.72
	1278.34	10.47	63+00	1278.51	10.00	1278.86	.52
	1278.10	10.18	+25	1278.27	10.00	1278.82	.32
	1277.79	10.03	+50	1277.96	10.00	1277.92	.13
.17	1277.57	10.00	+66	1277.74	10.00	1277.57	.00
EXTRA PAVEMENT 199.3 56 Yds.							

LEFT EDGE		RIGHT EDGE					
Add to R Edge Gr.	Edge of Pav't	Width	Station	Grade Elevation	Width	Edge of Pav't	Product from El.
.00	1275.00	10.00	64+86.32	1275.17	10.00	1275.00	.17
.09	1274.69		65+00	1274.77	10.00	1274.60	
.25	1274.08		+25	1274.00	10.00	1273.83	
.42	1273.45		+50	1273.20	10.00	1273.03	
.58	1272.72		+75	1272.31	10.00	1272.14	
.74	1271.93		66+00	1271.36	10.00	1271.19	
.90	1271.07		+25	1270.34	10.00	1270.17	
.98	1270.67		+36.32	1269.86	10.00	1269.69	
	1270.07		+50	1269.26	10.00	1269.09	
	1268.93		+75	1268.12	10.00	1267.95	
	1268.72		67+00	1267.91	10.00	1267.74	
	1268.45		+25	1268.64	10.00	1268.47	
	1268.11		+50	1268.30	10.00	1268.13	
	1267.74		+75	1267.93	10.00	1267.76	
	1267.37		68+00	1267.56	10.00	1267.39	
	1267.00		+25	1267.19	10.00	1267.02	
	1266.63		+50	1266.82	10.00	1266.65	
	1266.26		+75	1266.45	10.00	1266.28	
	1265.89		69+00	1266.08	10.00	1265.91	
	1265.52		+25	1265.71	10.00	1265.54	
	1265.15		+50	1265.34	10.00	1265.17	
	1264.78		+75	1264.97	10.00	1264.80	
	1264.41		70+00	1264.60	10.00	1264.43	
	1264.04		+25	1264.23	10.00	1264.06	
	1263.67		+50	1264.86	10.00	1264.69	
	1263.30		+75	1264.49	10.00	1264.32	
	1262.93		71+00	1264.12			

SH-ICH75 SEC-DE
JEFFERSON COUNTY

RC. 127+61.86 D=4°0' RT. PT. 138+19.88

LEFT EDGE		Width	Station	Grade Elevation	Width	RIGHT EDGE	
Add to Edge Gr.	Edge of Pavt.					Edge of Pavt.	Deduct from Edge Gr.
.00	1174.16	10.00	126+61.86	1174.33	10.00	1174.16	.17
.08	1173.29		+75	1173.38		1173.21	
.28	1172.44		127+0	1172.38		1172.21	
.38	1171.59		+25	1171.38		1171.21	
.53	1170.74		+50	1170.38		1170.21	
.68	1169.89		+75	1169.38		1169.21	
.83	1169.04		128+0	1168.38		1168.21	
.90	1168.06		+11.36	1168.33		1168.16	
	1168.11		+25	1167.38		1167.21	
	1167.11		+50	1166.38		1166.21	
	1166.11		+75	1165.38		1165.21	
	1165.11		129+0	1164.38		1164.21	
	1164.11		+25	1163.38		1163.21	
	1163.11		+50	1162.38		1162.21	
	1162.11		+75	1161.38		1161.21	
	1161.11		130+0	1160.38		1160.21	
	1160.11		+25	1159.38		1159.21	
	1159.11		+50	1158.38		1158.21	
	1158.11		+75	1157.38		1157.21	
	1157.06		131+0	1156.33		1156.16	
	1155.95		+25	1155.22		1155.05	
	1154.78		+50	1154.05		1153.88	
	1153.55		+75	1152.82		1152.65	
	1152.24		132+0	1151.51		1151.34	
	1150.88		+25	1150.15		1149.98	
	1149.45		+50	1148.72		1147.55	
	1147.95		+75	1147.22		1147.05	
	1146.40		133+0	1145.67		1145.50	
	1144.78		+25	1144.05		1143.88	
	1143.09		+50	1142.36		1142.19	
	1141.34		+75	1140.61		1140.44	
	1139.57		134+0	1138.84		1138.67	
	1137.80		+25	1137.07		1136.90	
	1136.03		+50	1135.30		1135.13	
	1134.26		+75	1133.53		1133.36	
	1132.49		135+0	1131.76		1131.59	
	1130.72		+25	1129.99		1129.82	
	1128.95		+50	1128.22		1128.05	
	1127.18		+75	1126.45		1126.28	
	1125.41		136+0	1124.68		1124.51	
	1123.64		+25	1122.91		1122.74	
	1121.87		+50	1121.14		1120.97	
	1120.10		+75	1119.37		1119.20	
	1118.33		137+0	1117.60		1117.43	
	1116.56		+25	1115.83		1115.66	
	1114.79		+50	1114.06		1113.89	
	1113.38		+75	1112.65		1112.48	
.90	1112.99		138+0	1112.29		1112.12	
.87	1111.07		+25	1110.52		1110.35	
.72	1109.15		+50	1108.75		1108.58	
.57	1107.23		+75	1106.98		1106.81	
.42	1105.31		139+0	1105.21		1105.04	
.27	1103.39		+25	1103.44		1103.27	
.12	1101.85	10.00	+19.88	1102.02	10.00	1101.85	.17

RC. 205+81.5 D=2°0' RT. PT. 209+98.17

LEFT EDGE		Width	Station	Grade Elevation	Width	RIGHT EDGE	
Add to Edge Gr.	Edge of Pavt.					Edge of Pavt.	Deduct from Edge Gr.
.00	984.02	10.00	204+81.50	984.19	10.00	984.02	.17
.07	983.73		205+0	983.83		983.66	
.16	983.38		+25	983.29		983.12	
.25	982.85		+50	982.77		982.60	
.34	982.42		+75	982.25		982.08	
.43	981.99		206+0	981.73		981.56	
.52	981.56		+25	981.21		981.04	
.54	981.44		+31.50	981.07		980.90	
	981.06		+50	980.69		980.52	
	979.54		+75	980.17		979.00	
	980.02		207+0	979.65		979.48	
	979.50		+25	979.13		978.96	
	978.98		+50	978.61		978.44	
	978.46		+75	978.09		977.92	
	977.94		208+0	977.57		977.40	
	977.43		+25	977.06		976.89	
	976.94		+50	976.57		976.40	
	976.46		+75	976.09		975.92	
	976.01		209+0	975.64		975.47	
	975.57		+25	975.20		975.03	
	975.18		+48.17	974.81		974.64	
.54	975.14		+50	974.78		974.61	
.44	974.64		+75	974.37		974.20	
.35	974.17		210+0	973.99		973.82	
.26	973.71		+25	973.62		973.45	
.17	973.28		+50	973.28		973.11	
.08	972.86		+75	972.95		972.78	
.00	972.49	10.00	+98.17	972.66	10.00	972.49	.17

PC. 186+54.13 BACK D=3°40' LT. P.C.C. 194+116.07 OF D=14 PT. 201+90.14

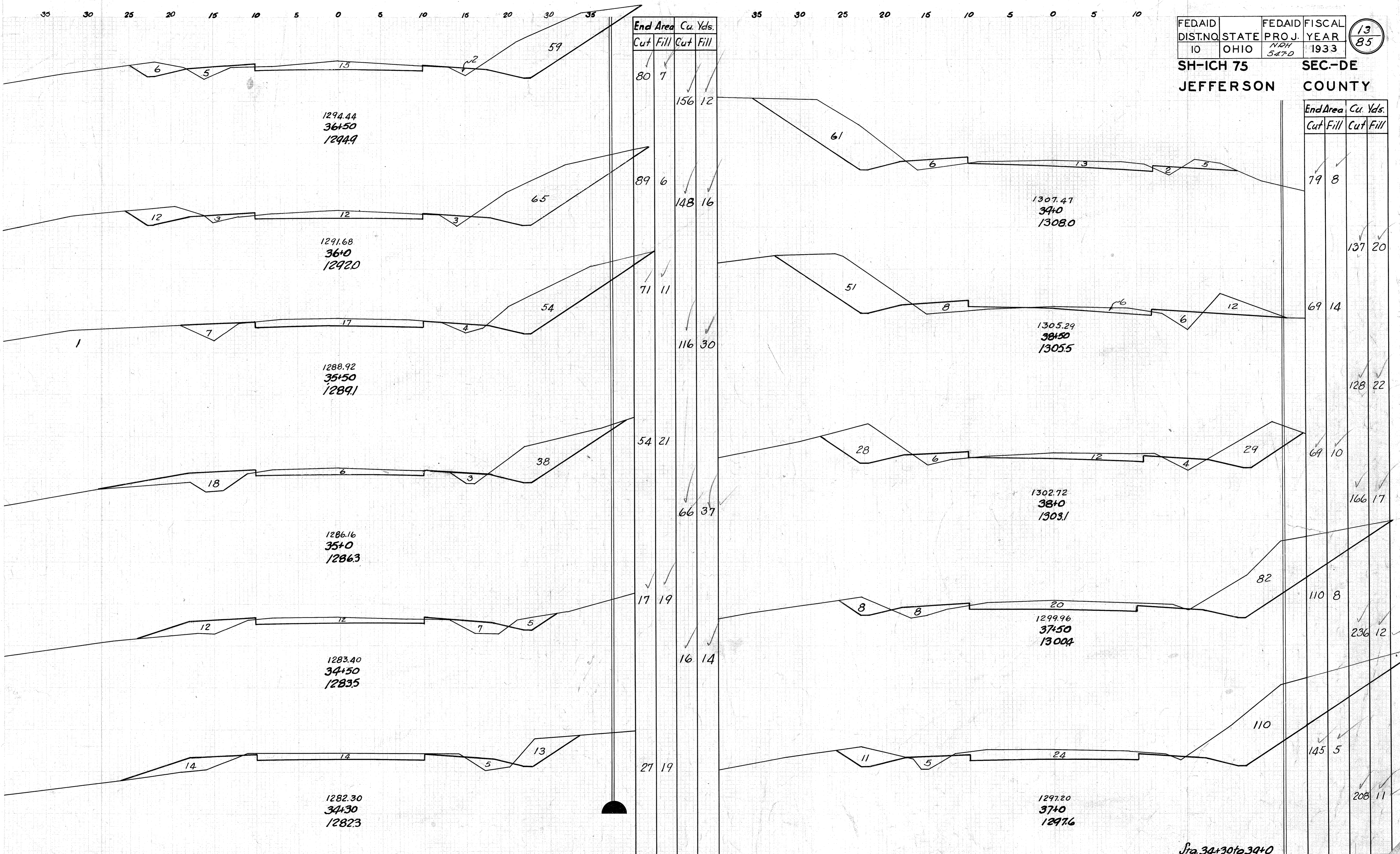
LEFT EDGE		Width	Station	Grade Elevation	Width	RIGHT EDGE	
Deduct from Edge Gr.	Edge of Pavt.					Edge of Pavt.	Add to Edge Gr.
.17	989.00	10.00	185+54.13	989.17	10.00	989.00	.00
	988.97		+75	989.14		989.09	.12
	988.94		186+00	989.16		989.25	.26
	988.91		+25	989.21		989.44	.40
	988.89		+50	989.26		989.62	.53
	989.10		BACK AHEAD	+54.13	989.27	989.66	.56
			+71.37				
	989.11		+75	989.28		989.69	.58
	989.16		187+00	989.33		989.88	.72
	989.20		+21.37	989.37		990.04	.84
	989.21		+25	989.38		990.05	
	989.26		+50	989.43		990.10	
	989.31		+75	989.48		990.15	
	989.36		188+00	989.53		990.20	
	989.41		+25	989.58		990.25	
	989.46		+50	989.63		990.30	
	989.51		+75	989.68		990.35	
	989.56		189+00	989.73		990.40	
	989.61		+25	989.78		990.45	
	989.66		+50	989.83		990.50	
	989.71		+75	989.88		990.55	
	989.76		190+00	989.93		990.60	
	989.81		+25	989.98		990.65	
	989.86		+50	990.03		990.70	
	989.91		+75	990.08		990.75	
	989.96		191+00	990.13		990.80	
	990.01		+25	990.18		990.85	
	990.06		+50	990.23		990.90	
	990.11		+75	990.28		990.95	
	990.16		192+00	990.33		991.00	
	990.21		+25	990.38		991.05	
	990.26		+50	990.43		991.10	
	990.31		+75	990.48		991.15	
	990.36		193+00	990.53		991.20	
	990.41		+25	990.58		991.25	
	990.46		+50	990.63		991.30	
	990.48		+61.76	990.65		991.32	.84
	990.51		+75	990.68		991.28	.77
	990.56		194+00	990.73		991.19	.63
	990.61		+25	990.78		991.10	.49
	990.66		+50	990.83		991.02	.36
	990.71		+75	990.88		991.07	
	990.76		195+00	990.93		991.12	
	990.78		+11.76	990.95		991.14	
	990.81		+25	990.98		991.17	
	990.86		+50	991.03		991.22	
	990.91		+75	991.08		991.27	
	990.96		196+00	991.13		991.32	
	991.01		+25	991.18		991.37	
	991.06		+50	991.23		991.42	
	991.11		+75	991.28		991.47	
	991.16		197+00	991.33		991.52	
	991.21		+25	991.38		991.57	
	991.26		+50	991.43		991.62	
	991.31		+75	991.48		991.67	
	991.36		198+00	991.53		991.72	
	991.41		+25	991.58		991.77	
	991.46		+50	991.63		991.82	
	991.51		+75	991.68		991.87	
	991.56		199+00	991.73		991.92	
	991.61		+25	991.78		991.97	
	991.66		+50	991.83		992.02	
	991.71		+75	991.88		992.07	
	991.76		200+00	991.93		992.12	
	991.77		+25	991.94		992.13	
	991.72		+50	991.89		992.08	
	991.58		+75	991.75		991.94	
	991.39		201+00	991.56		991.75	
	991.12		+25	991.29		991.48	
	990.91		+40.14	991.08		991.27	.36
	990.78		+50	990.95		991.12	.34
	990.36		+75	990.53		990.64	.28
	989.88		202+00	990.05		990.10	.22
	989.36		+25	989.53		989.50	.14
	988.84		+50	989.01		988.94	.10
	988.32		+75	988.49		988.36	.04
.17	988.01	10.00	+90.14	988.18	10.00	988.01	.00

PC. 148+74.00 D=5°30' LT. PT. 161+83.07

LEFT EDGE		Width	Station	Grade Elevation	Width	RIGHT EDGE	
Deduct from Edge Gr.	Edge of Pavt.					Edge of Pavt.	Add to Edge Gr.
.17	1055.02	10.00	147+74.00	1055.19	10.00	1055.02	.00
	1055.00		+75	1055.17		1055.01	.01
	1054.30		148+00	1054.47		1054.52	.22
	1053.65		+25	1053.82		1053.89	.44
	1053.03		+50	1053.20		1053.68	.65
	1052.46		+75	1052.63		1053.32	.86
	1051.93		149+00	1052.10		1053.01	1.08
	1051.47		120.4	+24.00	1051.64	1052.76	1.29
	1051.44		+25	1051.61		1052.73	
	1050.97		+50	1051.14		1052.26	
	1050.50		+75	1050.67		1051.79	
	1050.03		150+00	1050.20		1051.32	
	1049.56		+25	1049.73		1050.85	
	1049.09		+50	1049.26		1050.38	
	1048.62		+75	1048.79		1049.91	
	1048.15						

FEDAID	FEDAID	FISCAL	13 85
DIST. NO.	STATE	PROJ. YEAR	
10	OHIO	NDH 5470 1933	

SH-ICH 75 SEC-DE
JEFFERSON COUNTY



End Area		Cu. Yds.	
Cut	Fill	Cut	Fill
80	7	156	12
89	6	148	16
71	11	116	30
54	21	66	37
17	19	16	14
27	19		

End Area		Cu. Yds.	
Cut	Fill	Cut	Fill
79	8		
		137	20
69	14		
		128	22
69	10		
		166	17
110	8		
		236	12
145	5		
		208	11

1294.44
36+50
1294.9

1291.68
36+0
1292.0

1288.92
35+50
1289.1

1286.16
35+0
1286.3

1283.40
34+50
1283.5

1282.30
34+30
1282.3

1307.47
34+0
1308.0

1305.29
38+50
1305.5

1302.72
38+0
1303.1

1299.96
37+50
1300.4

1297.20
37+0
1297.6

Sta. 34+30 to 39+0

ORIGINAL SURVEY
 DATE RECORDED
 BY
 J. W. H.

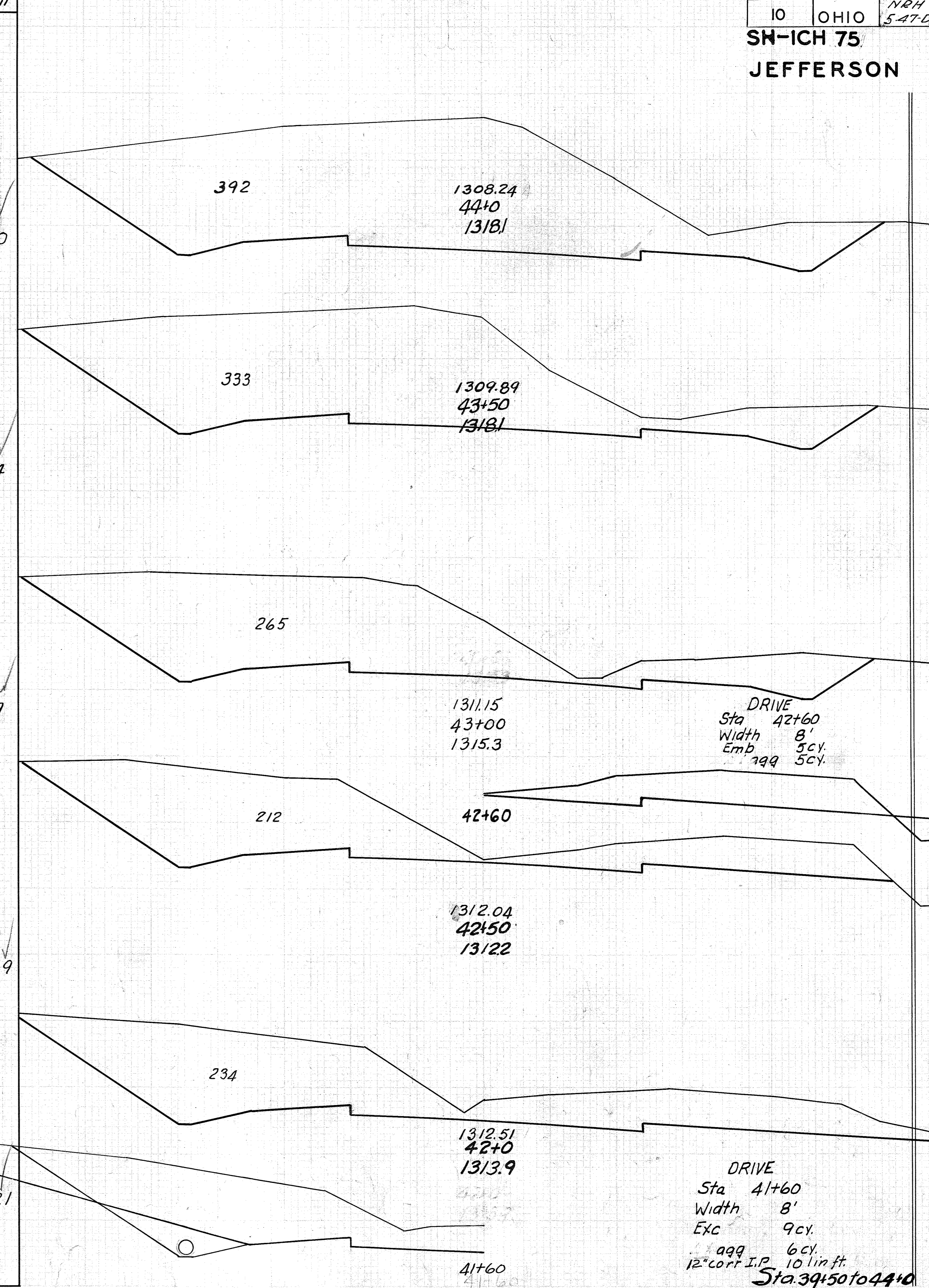
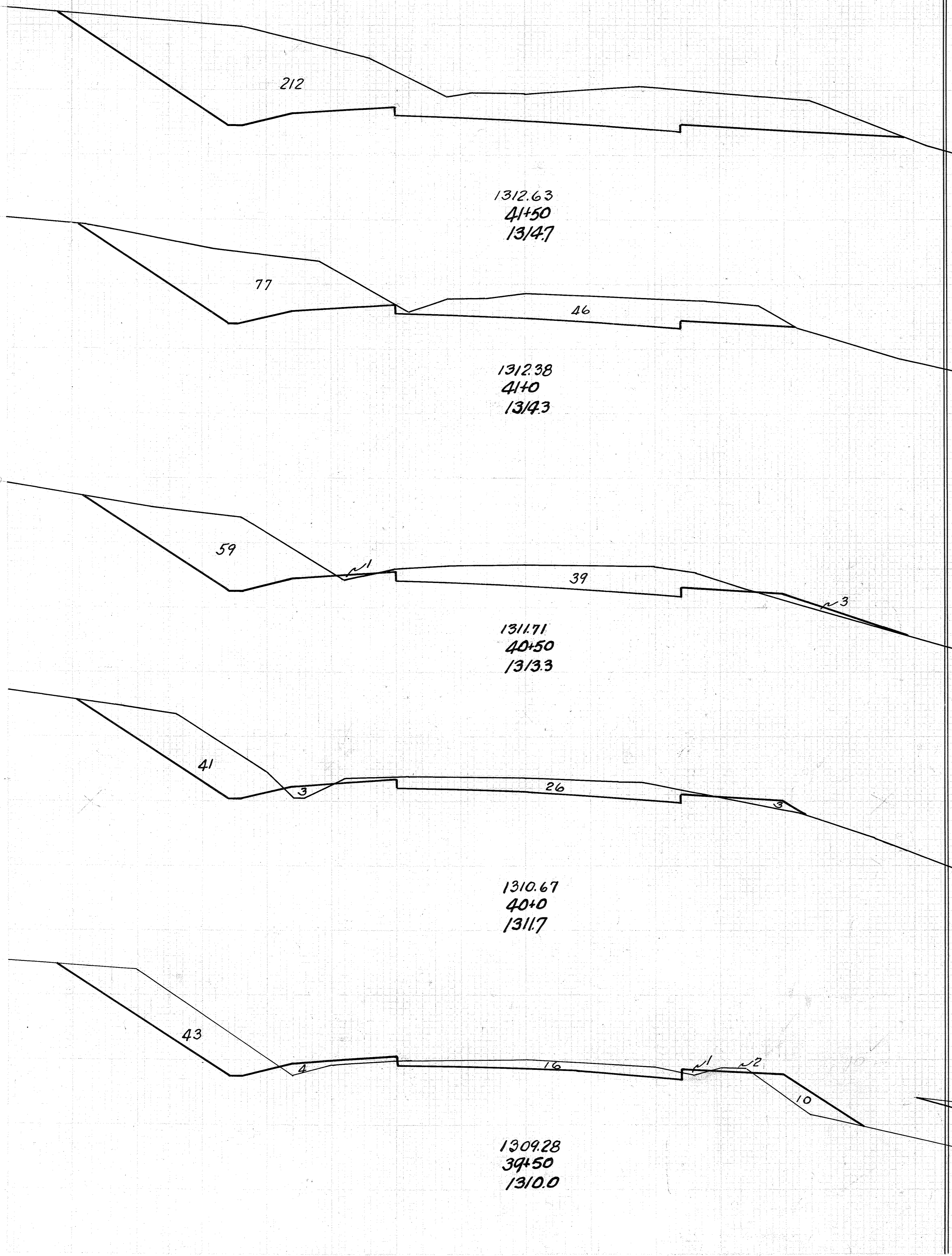
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30 25 20 15 10 5 0 5 10 15

FEDAID	FISCAL	14 85
DISTNO	YEAR	
10	1933	
SH-ICH 75		SEC-DE
JEFFERSON		COUNTY

End Area		Cu. Yds.	
Cut	Fill	Cut	Fill
212	0		
		310	0
123	0		
		205	4
98	4		
		153	9
67	6		
		119	19
61	15		
		130	21
79	6		

End Area		Cu. Yds.	
Cut	Fill	Cut	Fill
392	0		
		671	0
333	0		
		534	0
265	0		
		442	0 (5)
212	0		
		413	0
234	0		
			(9)
		413	0



DRIVE
Sta 42+60
Width 8'
Exc 5cy.
Emb 199 5cy.

DRIVE
Sta 41+60
Width 8'
Exc 9cy.
12" corr I.P. 6cy.
10 lin ft.
Sta 39+50 to 44+0

ORIGINAL SURVEY
 DATE
 BY
 CHECKED BY

35 30 25 20 15 10 5 0 5 10 15 20 25 30

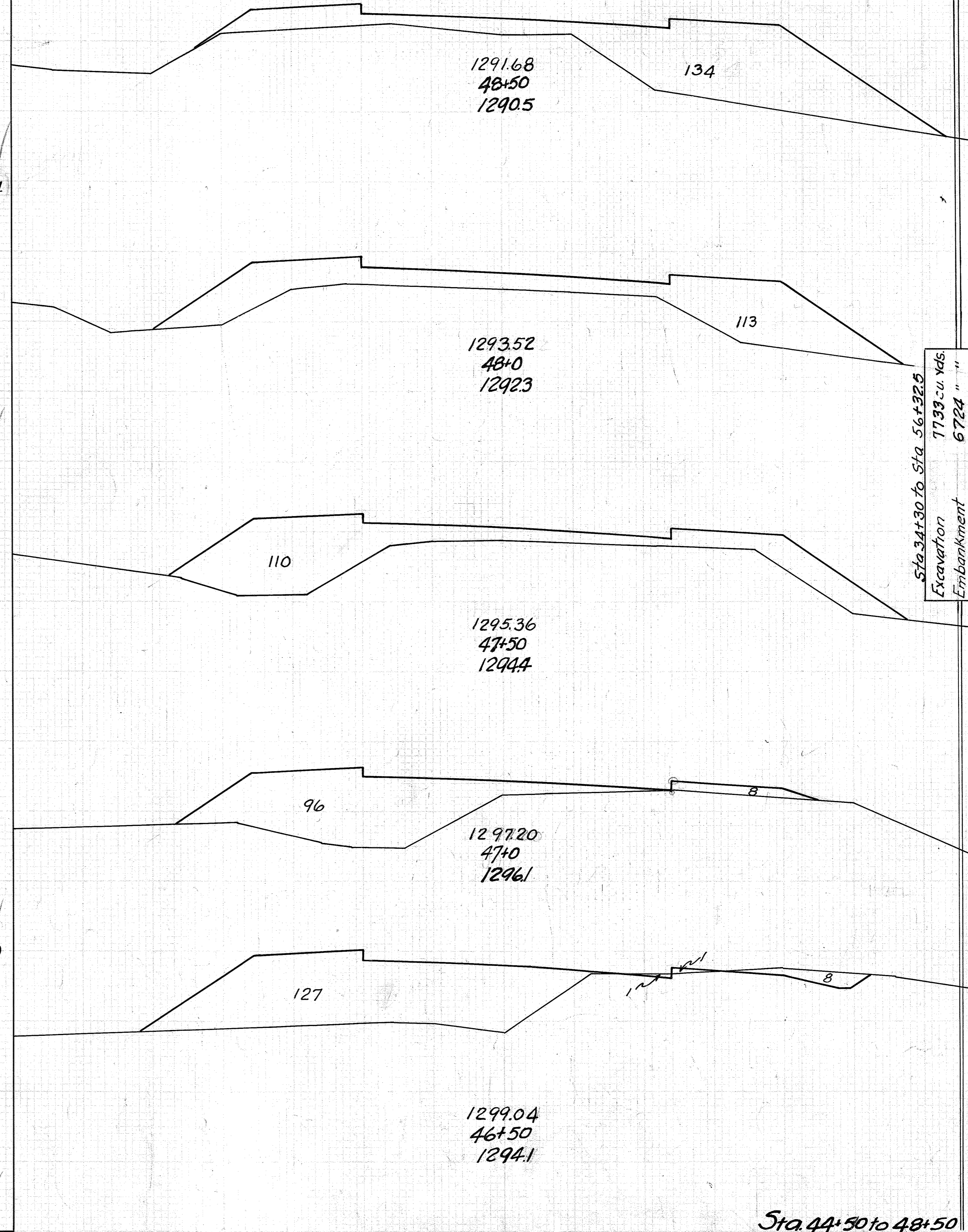
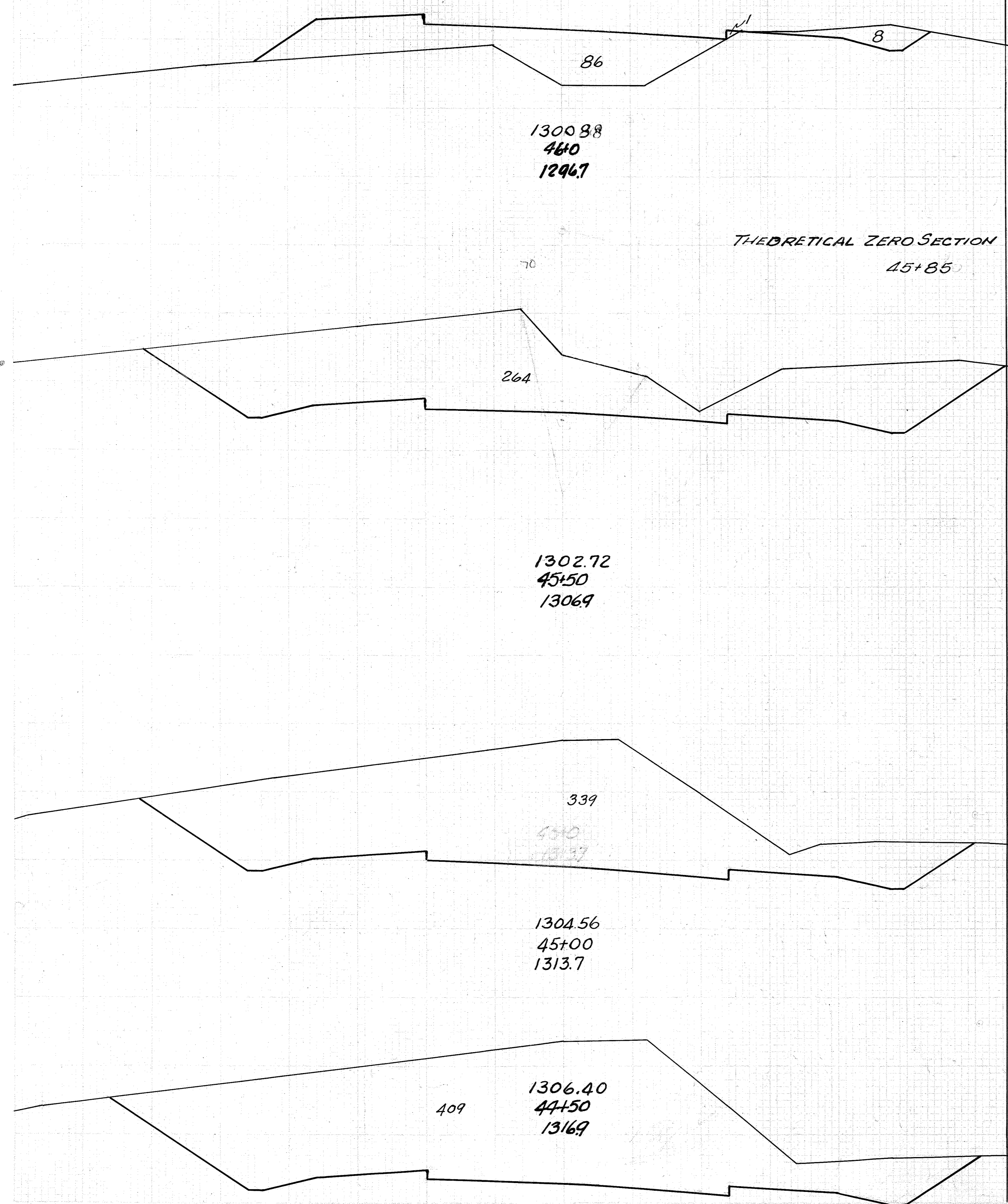
30 25 20 15 10 5 0 5 10 15

FEDAID DISTNO	STATE	FEDAID PROJ	FISCAL YEAR	(15/85)
10	OHIO	NEH 547-D	1933	

SH-ICH 75 SEC-DE
JEFFERSON COUNTY

End Area		Cu. Yds.	
Cut	Fill	Cut	Fill
8	87		
		252	24
0	0		
264	0		
		538	0
339	0		
		693	0
409	0		
		742	0

End Area		Cu. Yds.	
Cut	Fill	Cut	Fill
0	134		
		0	229
0	113		
		0	206
0	110		
		0	198
0	104		
		3	215
9	128		
		16	199



Sta 34+30 to Sta 56+32.5
Excavation 7733 cu. yds.
Embankment 6724 " "
Emb +15% 7733 " "

Sta 44+50 to 48+50

ORDERED BY
 SURVEY
 DATE
 SCALE
 DRAWN BY
 CHECKED BY

187
25

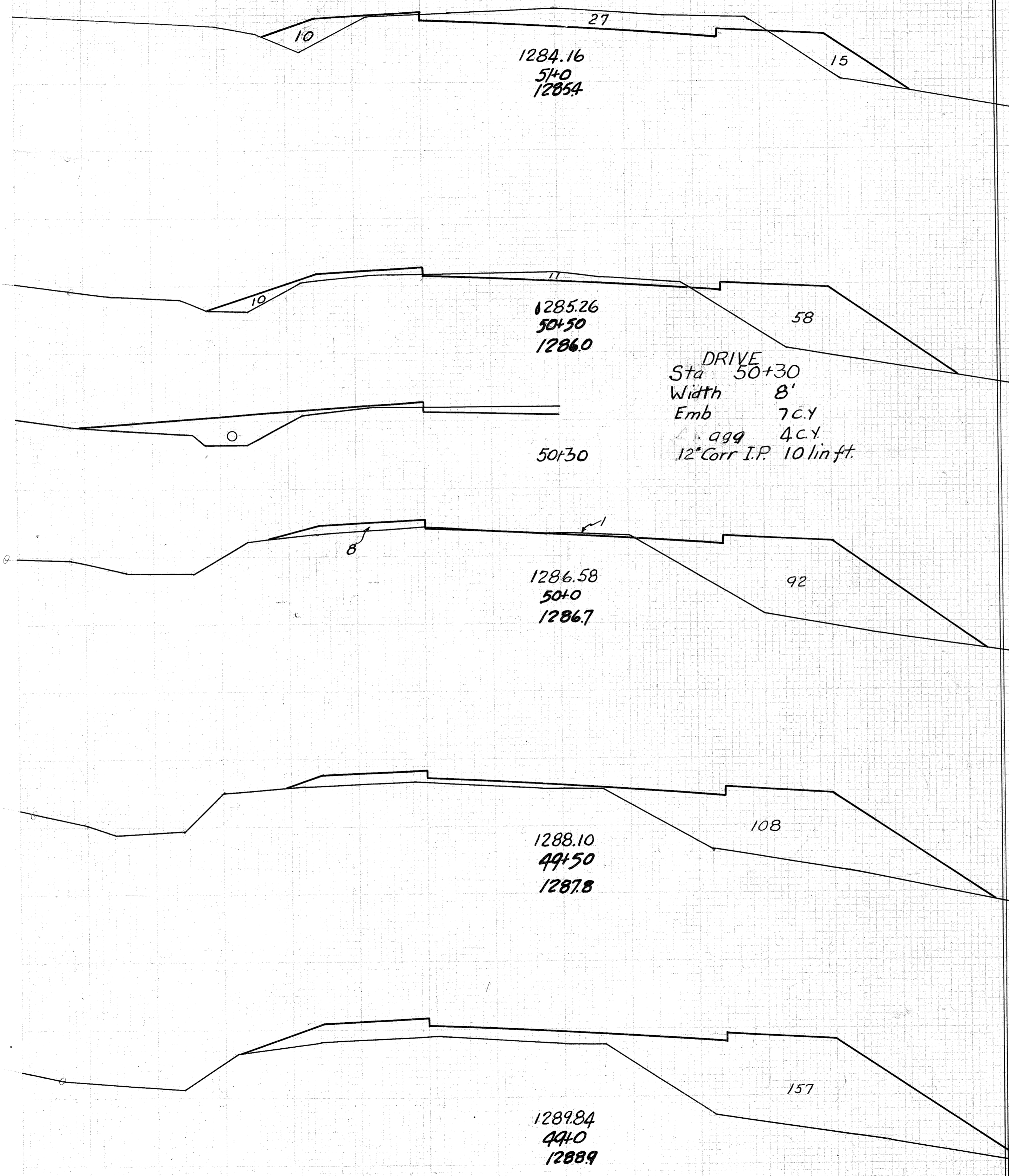
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30 25 20 15 10 5 0 5 10 15

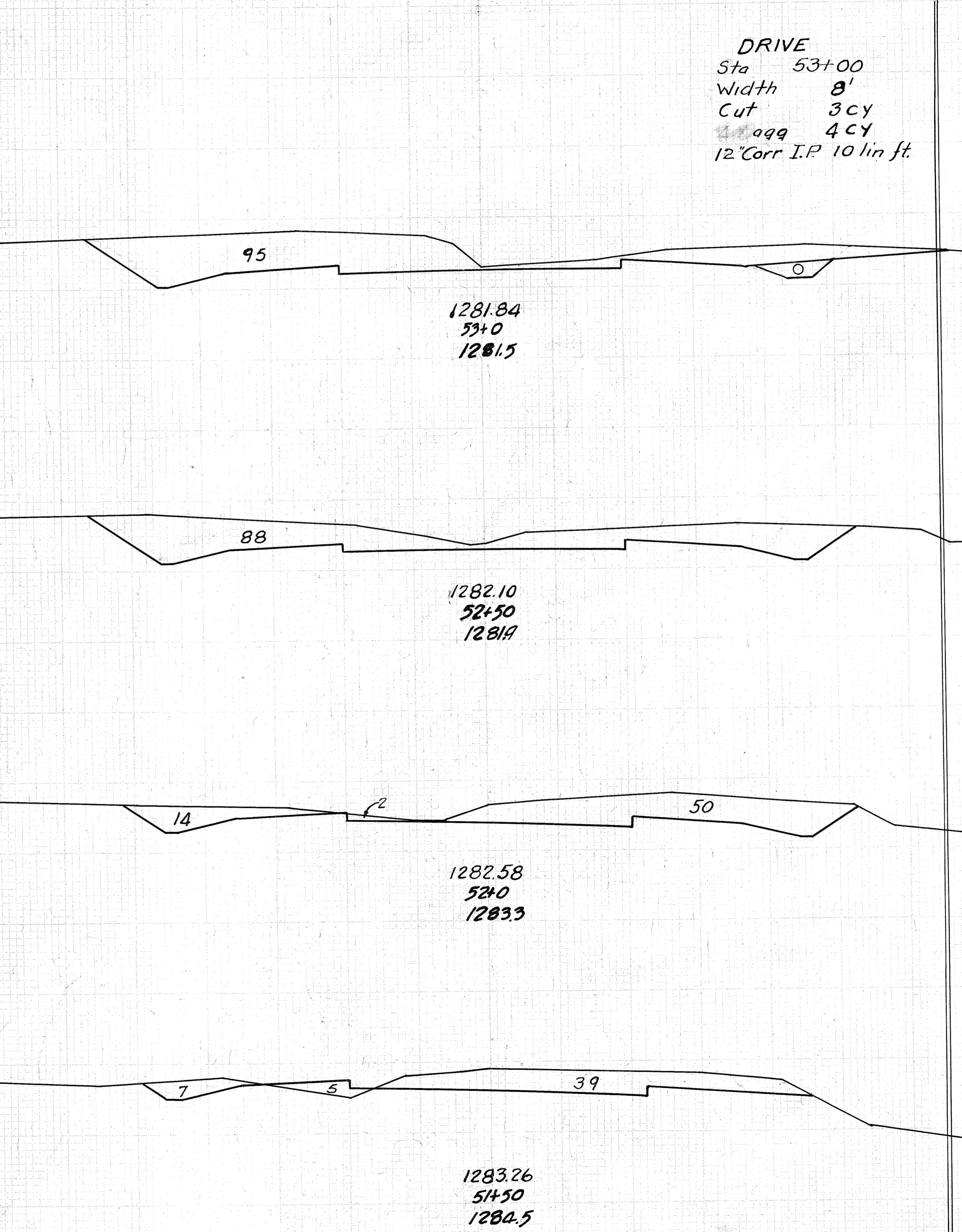
FEDAID DISTNO	STATE	FEDAID PROJ	FISCAL YEAR
10	OHIO	NDH 547-D	193.3

16
85

SH-ICH 75 SEC-DE
JEFFERSON COUNTY



End Area		Cu. Yds.	
Cut	Fill	Cut	Fill
27	25		
35	86		
11	68	(7)	
11	156		
1	100		
1	193		
0	108		
0	245		
0	157		
0	269		



DRIVE
Sta 53+00
Width 8'
Cut 3 c.y.
agg 4 c.y.
12" Corr I.P. 10 lin ft.

End Area		Cu. Yds.	
Cut	Fill	Cut	Fill
			(3)
95	0		
		169	0
88	0		
		143	0
66	0		
		104	5
46	5		
		68	28

49+0 TO 53+0

Smith
David

35 30 25 20 15 10 5 0 5 10 15 20 25 30

30 25 20 15 10 5 0 5 10 15

FEDAID DIST NO	STATE	FEDAID PROJ	FISCAL YEAR
10	OHIO	NEH 547-D	193.3

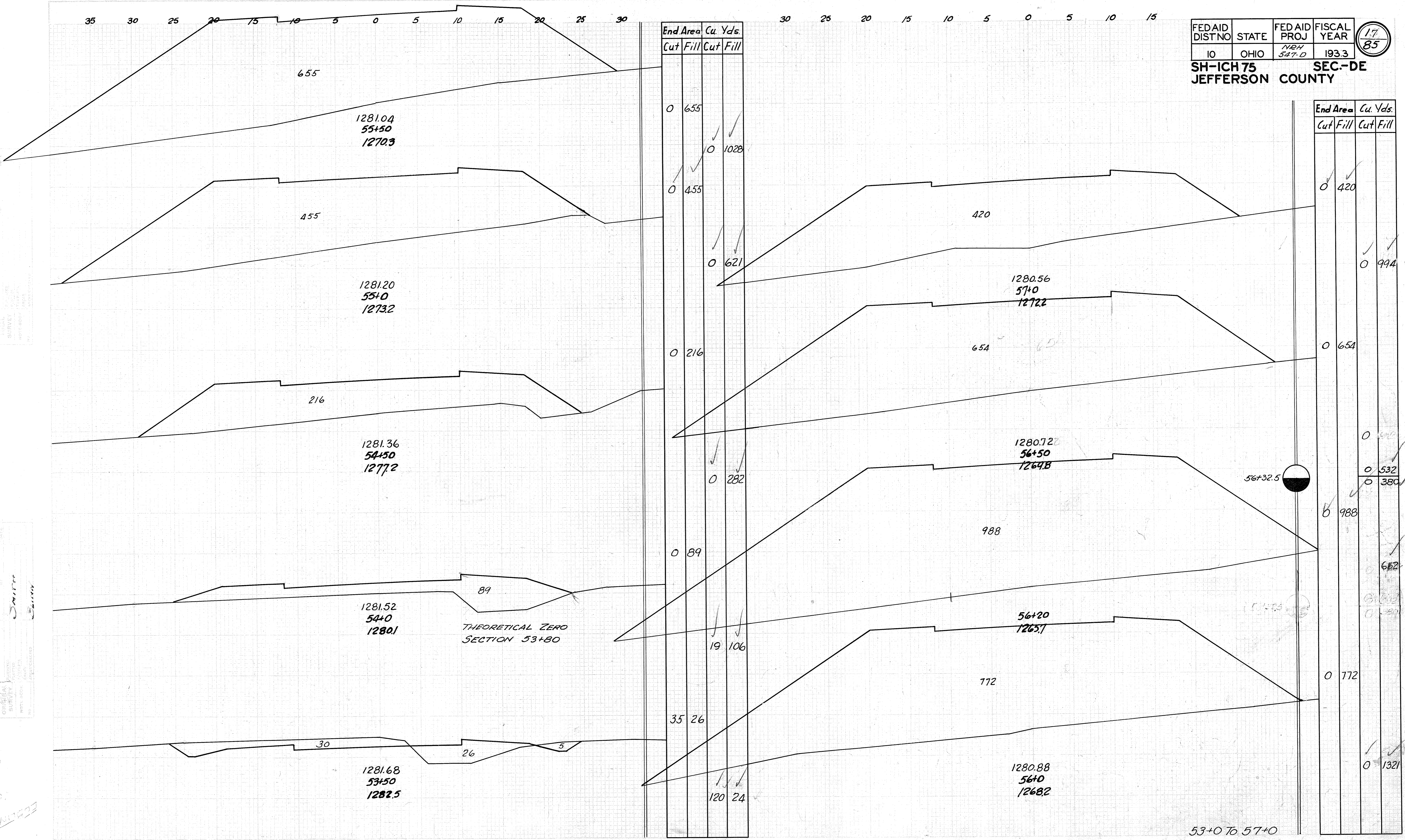
17
85

SH-ICH 75 SEC.-DE
JEFFERSON COUNTY

ORIGINAL SURVEY PLAT

DATE
DRAWN BY
CHECKED BY

130
512



End Area	Cu. Yds.	
	Cut	Fill
0 655		
0 1028		
0 455		
0 621		
0 216		
0 282		
0 89		
19 106		
35 26		
120 24		

End Area	Cu. Yds.	
	Cut	Fill
0 420		
0 994		
0 654		
0 532		
0 380		
0 988		
0 772		
0 1321		

1281.04
55+50
1270.3

1281.20
55+0
1273.2

1281.36
54+50
1277.2

1281.52
54+0
1280.1

1281.68
53+50
1282.5

1280.56
57+0
1272.2

1280.72
56+50
1269.8

56+20
1265.1

1280.88
56+0
1268.2

THEORETICAL ZERO SECTION 53+80

53+0 TO 57+0

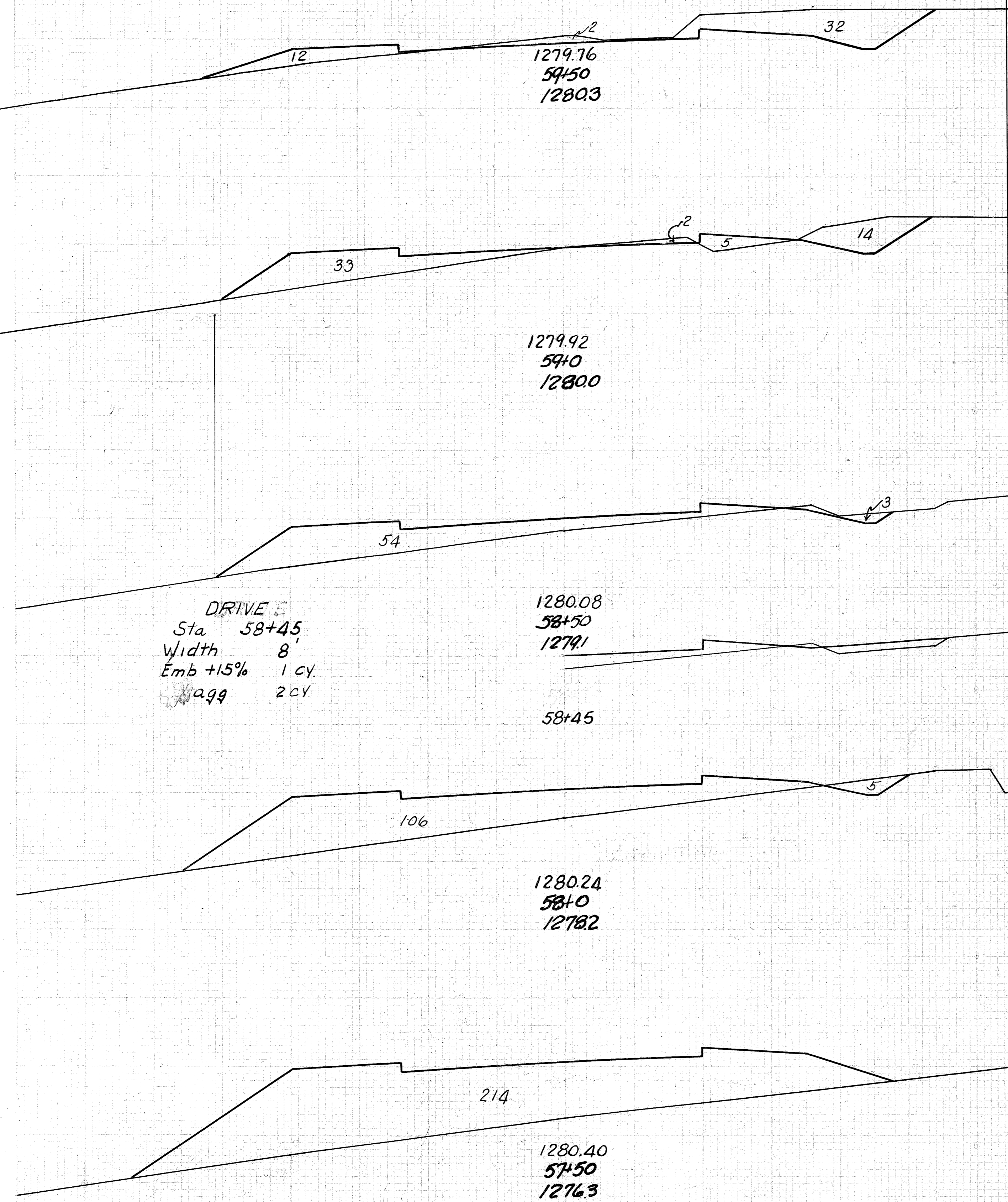
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30 25 20 15 10 5 0 5 10 15

FEDAID DIST NO	STATE	FEDAID PROJ	FISCAL YEAR
10	OHIO	NRH 547-D	1933

18
85

SH-ICH 75 SEC.-DE
JEFFERSON COUNTY



End Area	Cu.Yds.
Cut	Fill
34	12
46	46
16	38
18	85
3	54
7	148
(1)	
5	106
5	296
0	214
0	587

End Area	Cu.Yds.
Cut	Fill
110	1
181	40
85	42
148	58
75	21
126	23
61	4
88	15

Sta. 56+32.8 to Sta. 64+15.27
Excavation 3250 cu. yds.
Embankment 2826 " "
Emb +15% 3250 " "

Sta. 57+50 to 61+50

DRIVE

ORIGINAL SURVEY

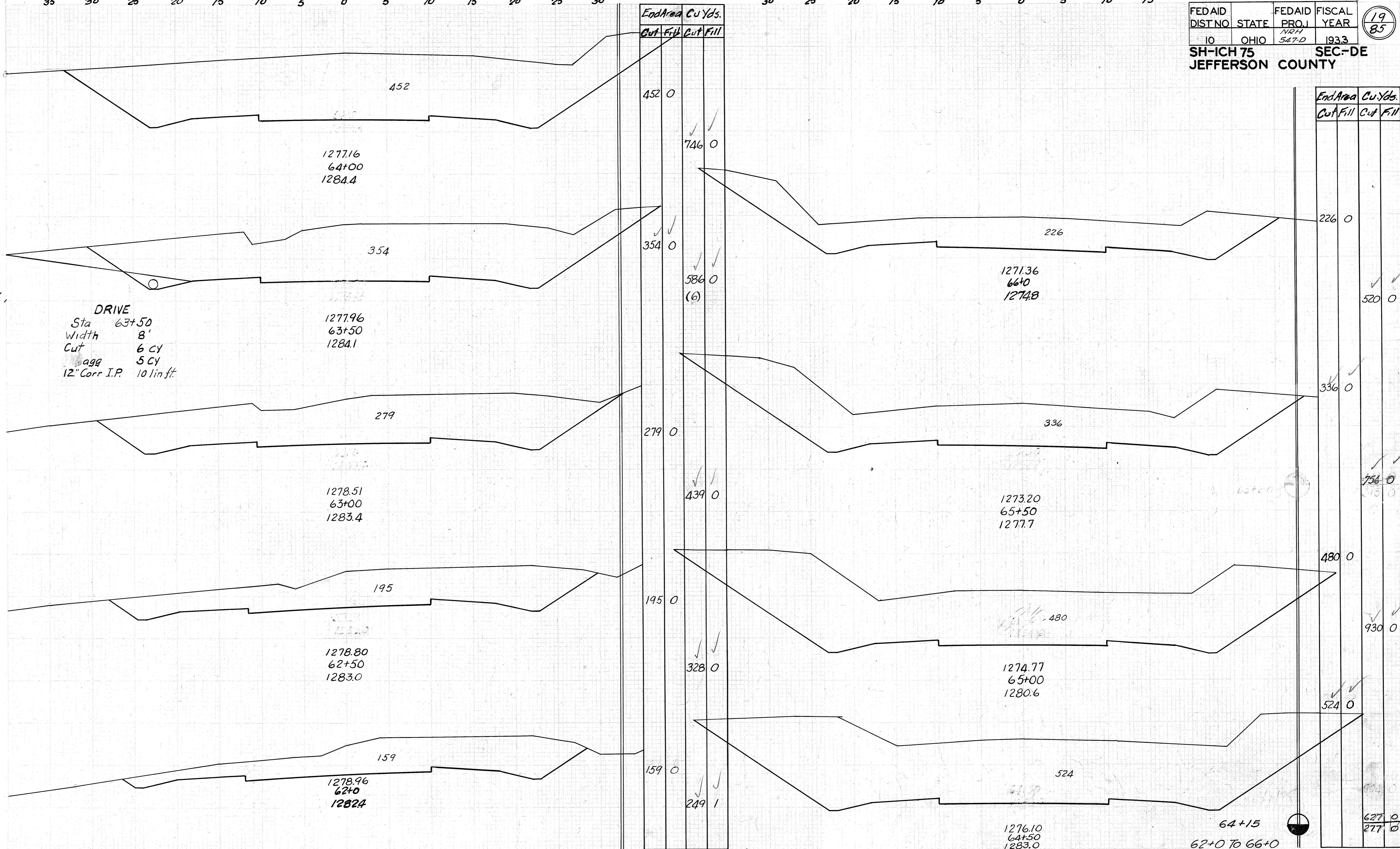
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30 25 20 15 10 5 0 5 10 15

FEDAID DIST NO	STATE	FEDAID PROJ	FISCAL YEAR
10	OHIO	NRH 547-D	1933

19
85

SH-ICH 75 SEC-DE
JEFFERSON COUNTY



End Area Cu Yds.	
Cut	Fill
452	0
746	0
354	0
586	0
(6)	
279	0
439	0
195	0
328	0
159	0
249	1

End Area Cu Yds.	
Cut	Fill
226	0
520	0
336	0
756	0
930	0
480	0
524	0
627	0
277	0

DRIVE
Sta 63+50
Width 8'
Cut 6 cy
agg 5 cy
12" Corr I.P. 10 lin ft.

1277.16
64+00
1284.4

1277.96
63+50
1284.1

1278.51
63+00
1283.4

1278.80
62+50
1283.0

1278.96
62+0
1282.4

1271.36
66+0
1274.8

1273.20
65+50
1277.7

1274.77
65+00
1280.6

1276.10
64+50
1283.0

64+15
62+0 TO 66+0

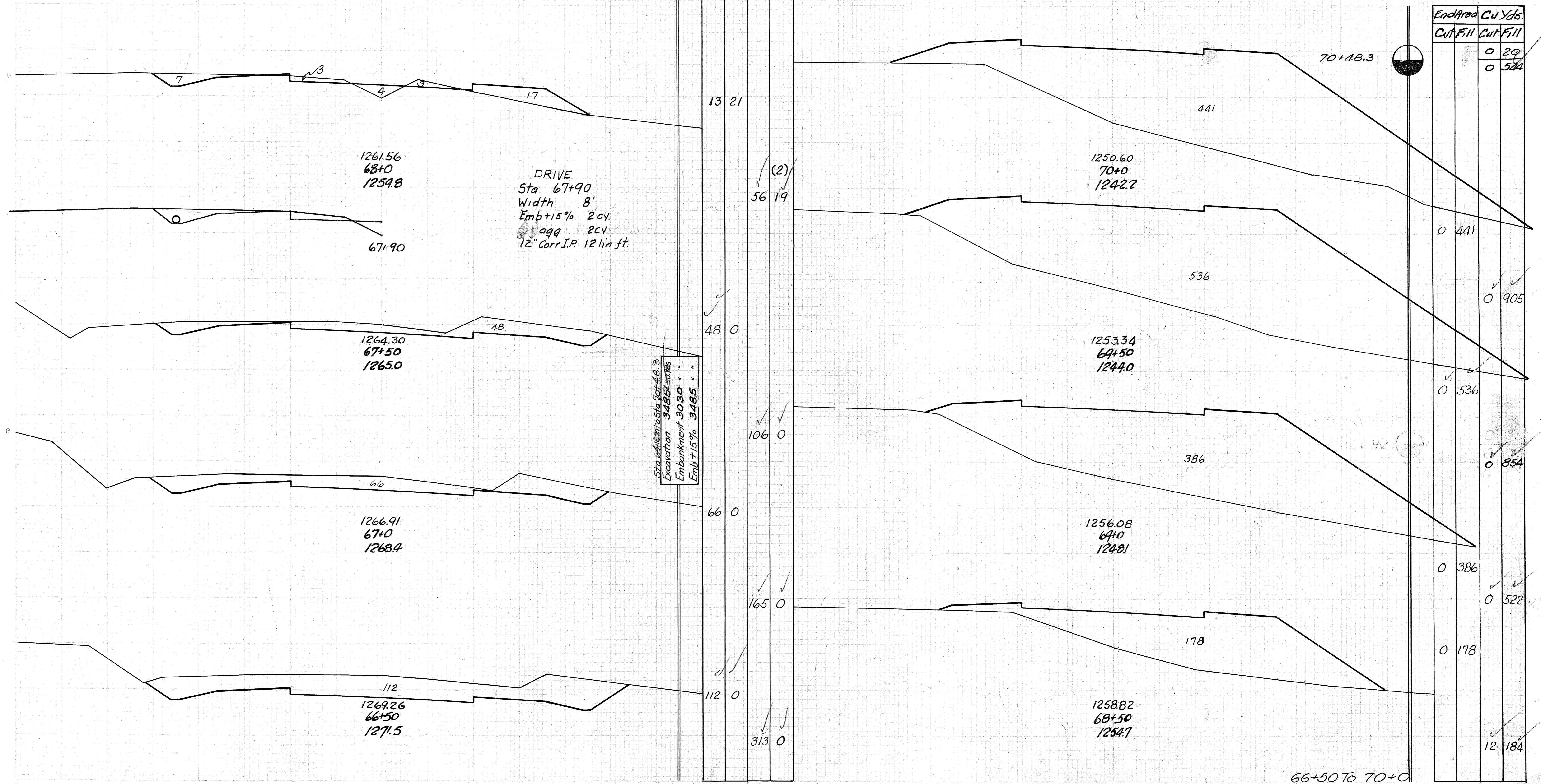
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30 25 20 15 10 5 0 5 10 15

FEDAID DISTNO	STATE	FEDAID PROJ	FISCAL YEAR
10	OHIO	NDH 547-D	1933

20
85

SH-ICH 75 SEC-DE
JEFFERSON COUNTY



1261.56
68+0
1254.8

DRIVE
Sta 67+90
Width 8'
Emb+15% 2cy.
agg 2cy.
12" Corr.I.P. 12lin ft.

1264.30
67+50
1265.0

1266.91
67+0
1268.4

1269.26
66+50
1271.5

1250.60
70+0
1242.2

1253.34
69+50
1244.0

1256.08
69+0
1248.1

1258.82
68+50
1254.7

End Area		Cu Yds.	
Cut	Fill	Cut	Fill
13	21		
56	19	(2)	
48	0		
106	0		
66	0		
165	0		
112	0		
313	0		

End Area		Cu Yds.	
Cut	Fill	Cut	Fill
0	29		
0	524		
0	441		
0	905		
0	536		
0	354		
0	386		
0	522		
0	178		
12	184		

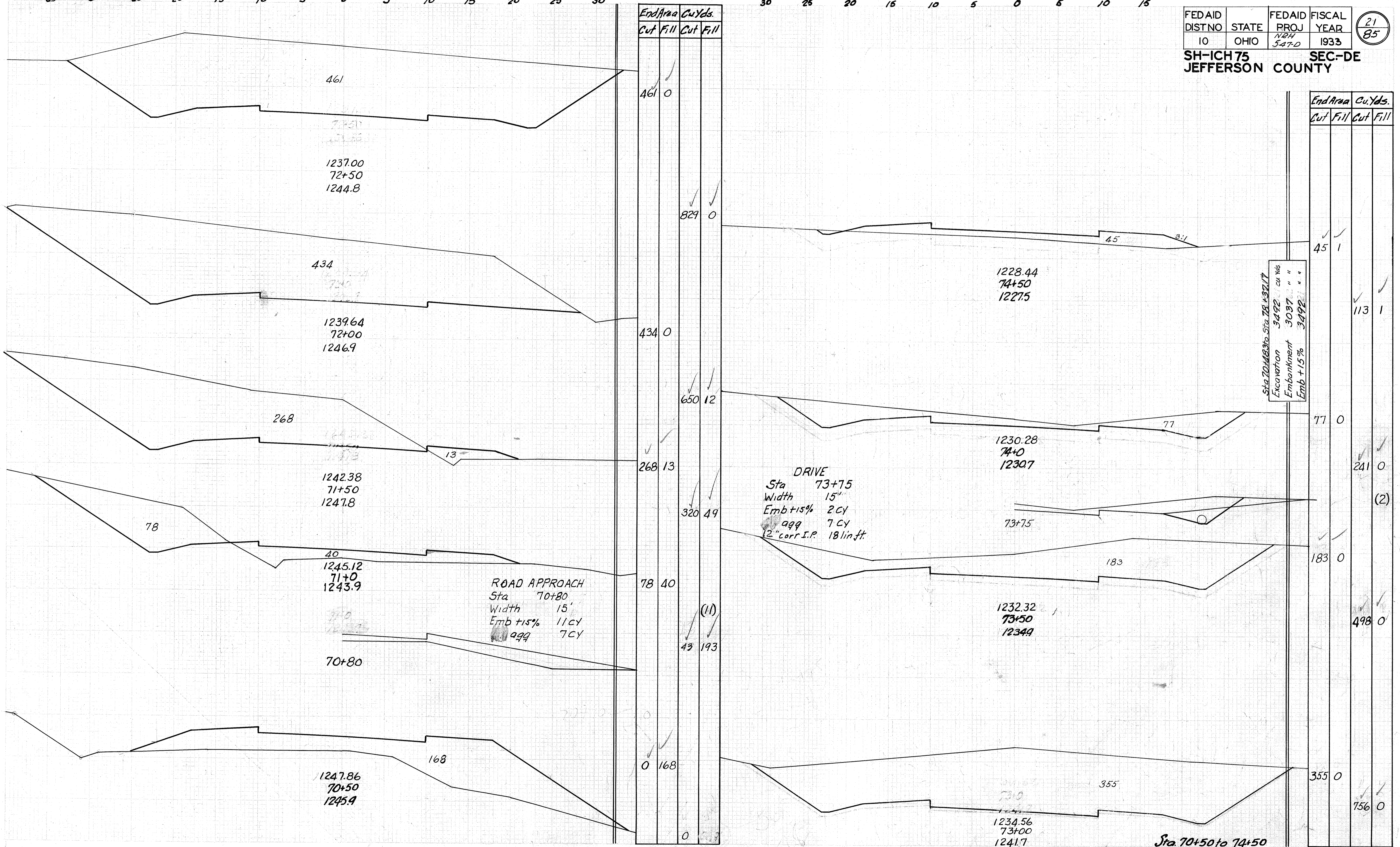
66+50 To 70+0

35 30 25 20 15 10 5 0 5 10 15 20 25 30

30 25 20 15 10 5 0 5 10 15

FEDAID DISTNO	STATE	FEDAID PROJ	FISCAL YEAR	21 85
10	OHIO	NDH 547-D	1933	

SH-ICH 75 SEC-DE
JEFFERSON COUNTY



End Area		Cu. Yds.	
Cut	Fill	Cut	Fill
461	0		
829	0		
434	0		
650	12		
268	13		
320	49		
78	40		
43	193		
0	168		
0			

End Area		Cu. Yds.	
Cut	Fill	Cut	Fill
45	1		
		113	1
77	0		
		211	0
		(2)	
183	0		
		498	0
355	0		
		756	0

Sta 70+48 to Sta 78+37.17
 Excavation 3492 cu yds
 Embankment 3097 " "
 Emb +15% 3492 " "

DRIVE
 Sta 73+75
 Width 15'
 Emb +15% 2 CY
 agg 7 CY
 12" corr I.P. 18 lin ft.

ROAD APPROACH
 Sta 70+80
 Width 15'
 Emb +15% 11 CY
 agg 7 CY

Sta 70+50 to 74+50

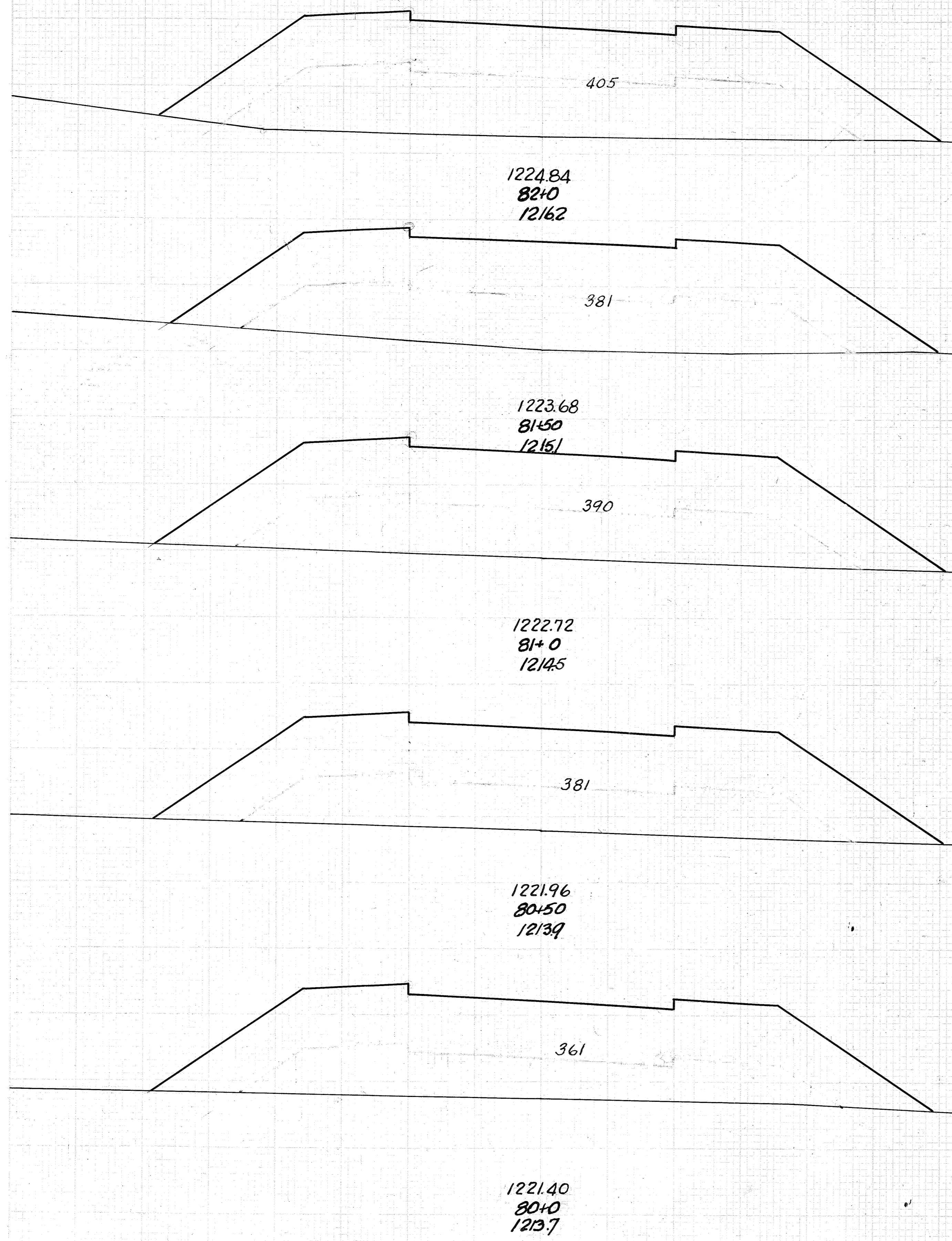
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 CHECKED BY: [illegible]
 DATE: [illegible]

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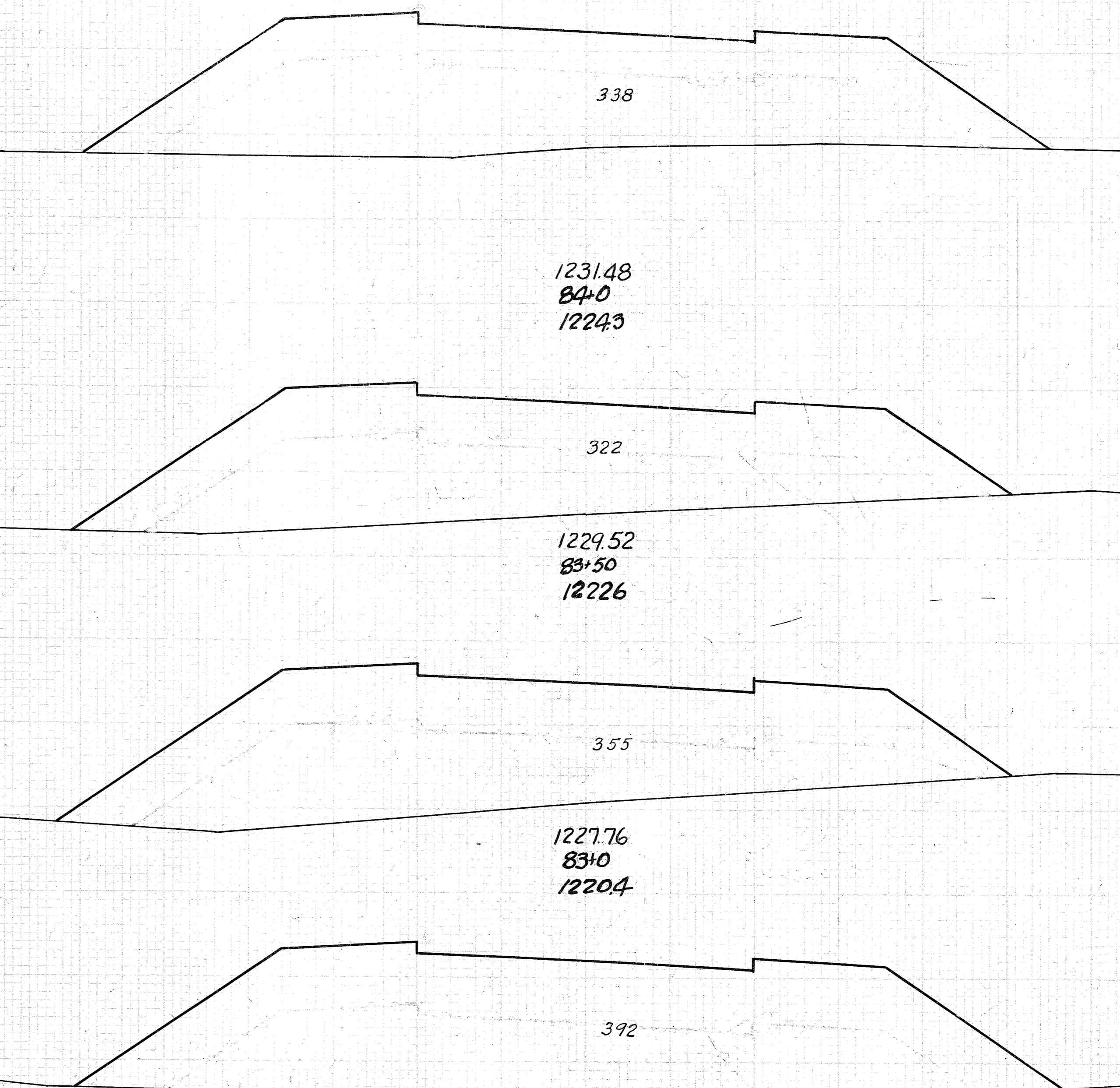
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FEDAID DIST NO	STATE	FEDAID PROJ	FISCAL YEAR	23 85
10	OHIO	547-D	1933	

SH-ICH 75 SEC D-E
JEFFERSON COUNTY



End Area		Cu Yds	
Cut	Fill	Cut	Fill
0	405		
0	381	728	
0	390	714	
0	390	714	
0	381	714	
0	381	687	
0	361	644	



End Area		Cu Yds	
Cut	Fill	Cut	Fill
0	338		
0	322	611	
0	322	611	
0	355	627	
0	355	627	
0	392	692	
0	392	692	
0	392	738	

Sta 80+0 to 84+0

35 30 25 20 15 10 5 0 5 10 15 20 25 30

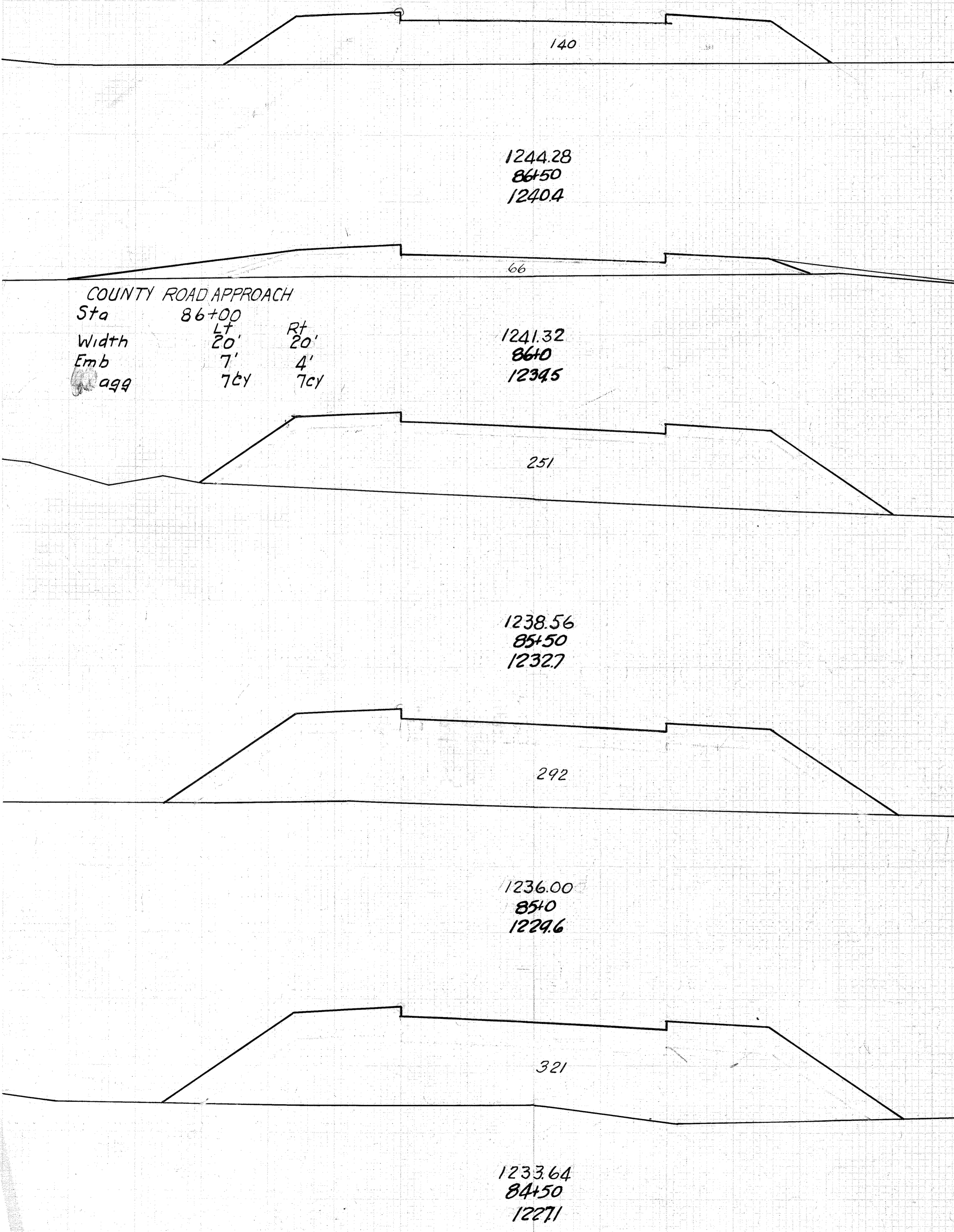
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FEDAID DIST NO	STATE	FEDAID PROJ	FISCAL YEAR
10	OHIO	NRH 527-D	1933

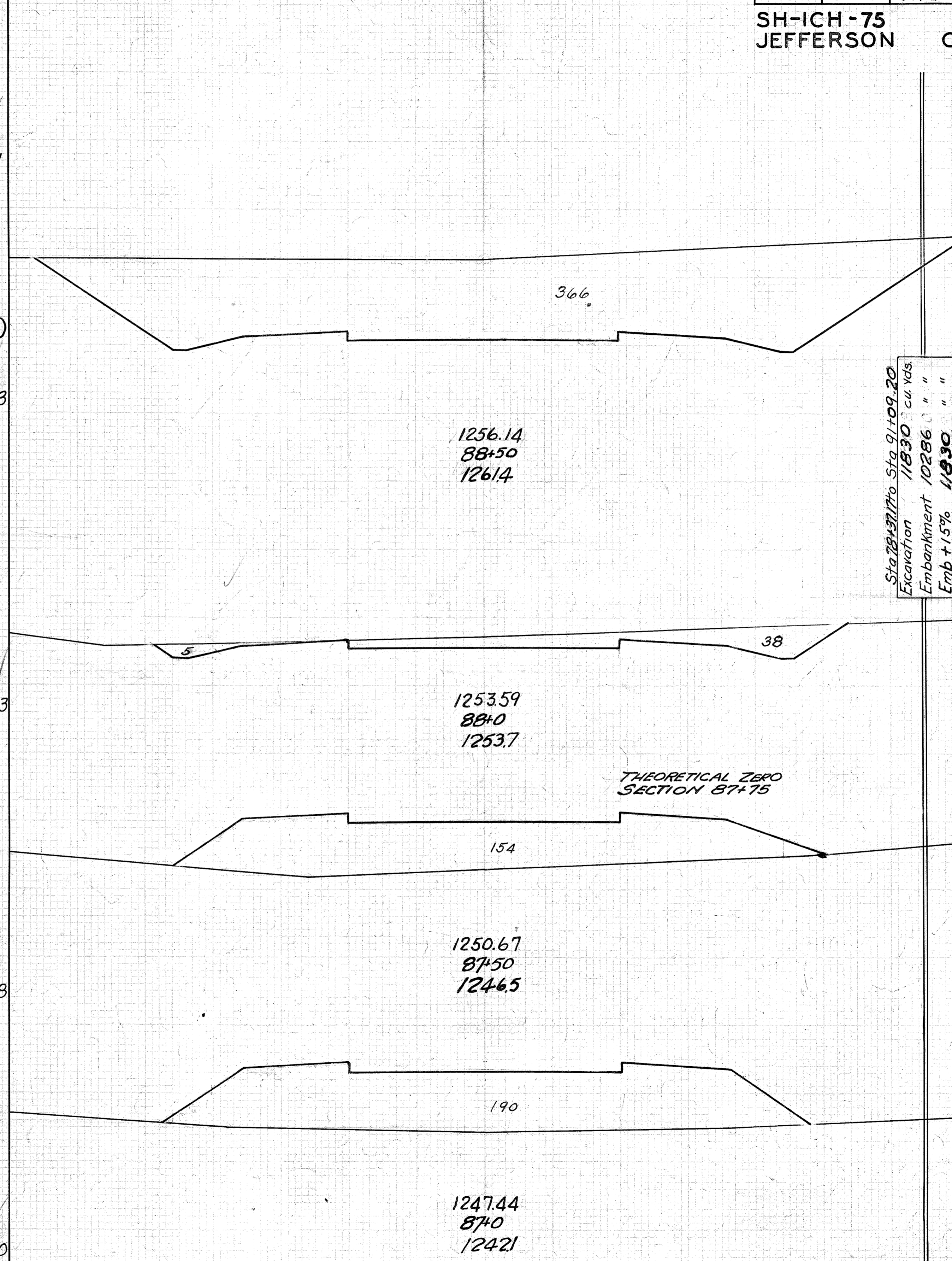
24
85

SH-ICH-75
JEFFERSON

SEC-DE
COUNTY



End Area		Cu Yds.	
Cut	Fill	Cut	Fill
0	140	0	191
0	66	(11)	293
0	251	0	503
0	292	0	568
0	321	0	610



End Area		Cu Yds.	
Cut	Fill	Cut	Fill
366	0	379	0
43	0	20	71
0	154	0	318
0	190	0	306

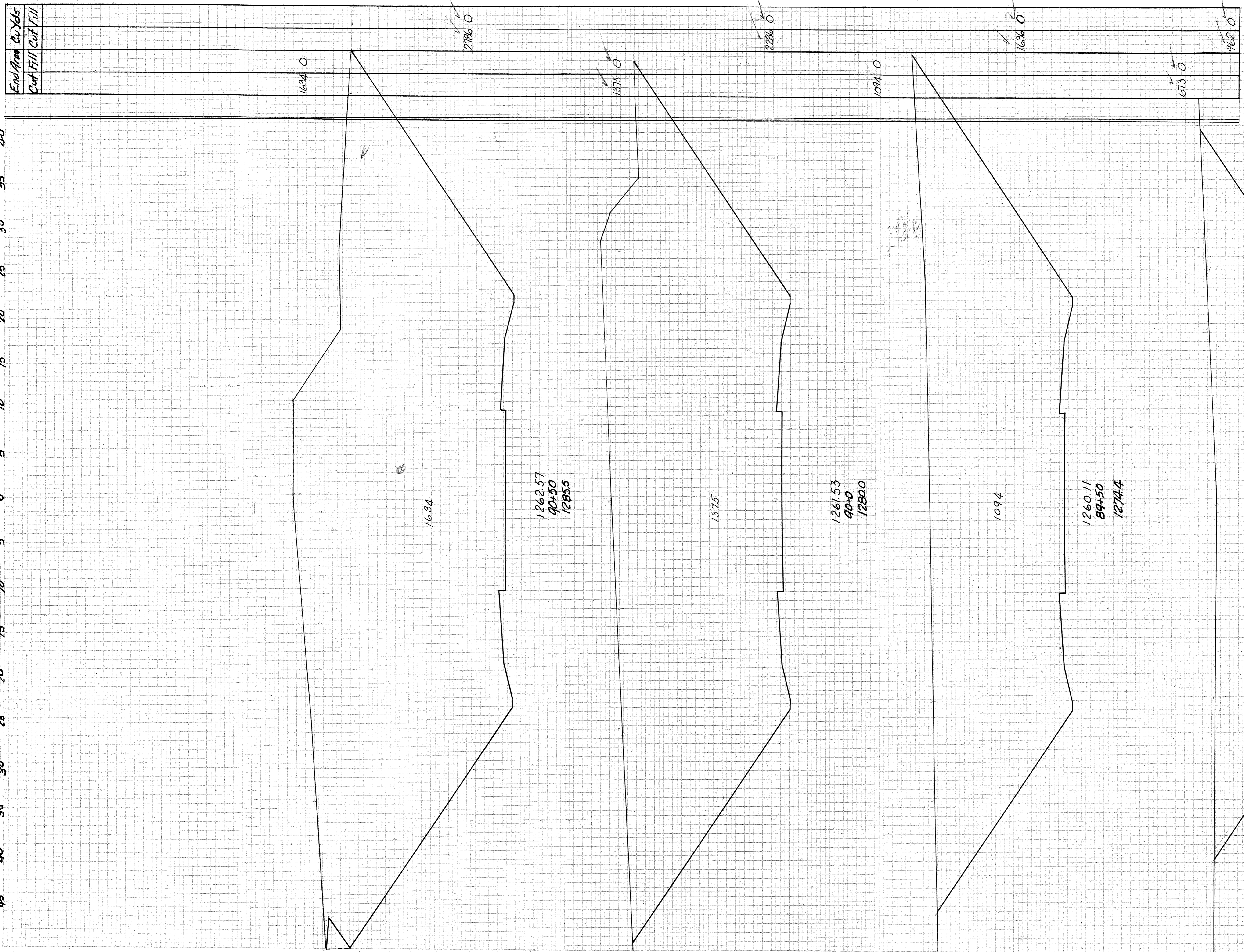
Sta 84+50 to Sta 91+09.20
Excavation 11830 cu yds
Embankment 10286 " "
Emb +15% 11830

84+50 to 88+50

FINAL SURVEY PLOTTED AREAS
 CHECKED BY: [Signature]
 DATE: [Blank]

ORIGINAL SURVEY PLOTTED AREAS
 CHECKED BY: [Signature]
 DATE: [Blank]

45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40



FEDAID DIST NO	STATE	FEDAID PROJ	FISCAL YEAR
10	OHIO	1724 547-D	1933

SH-ICH-75 JEFFERSON SEC-D-E COUNTY

25
85

89+0 TO 90+50

35 30 25 20 15 10 5 0 5 10 15 20 25 30

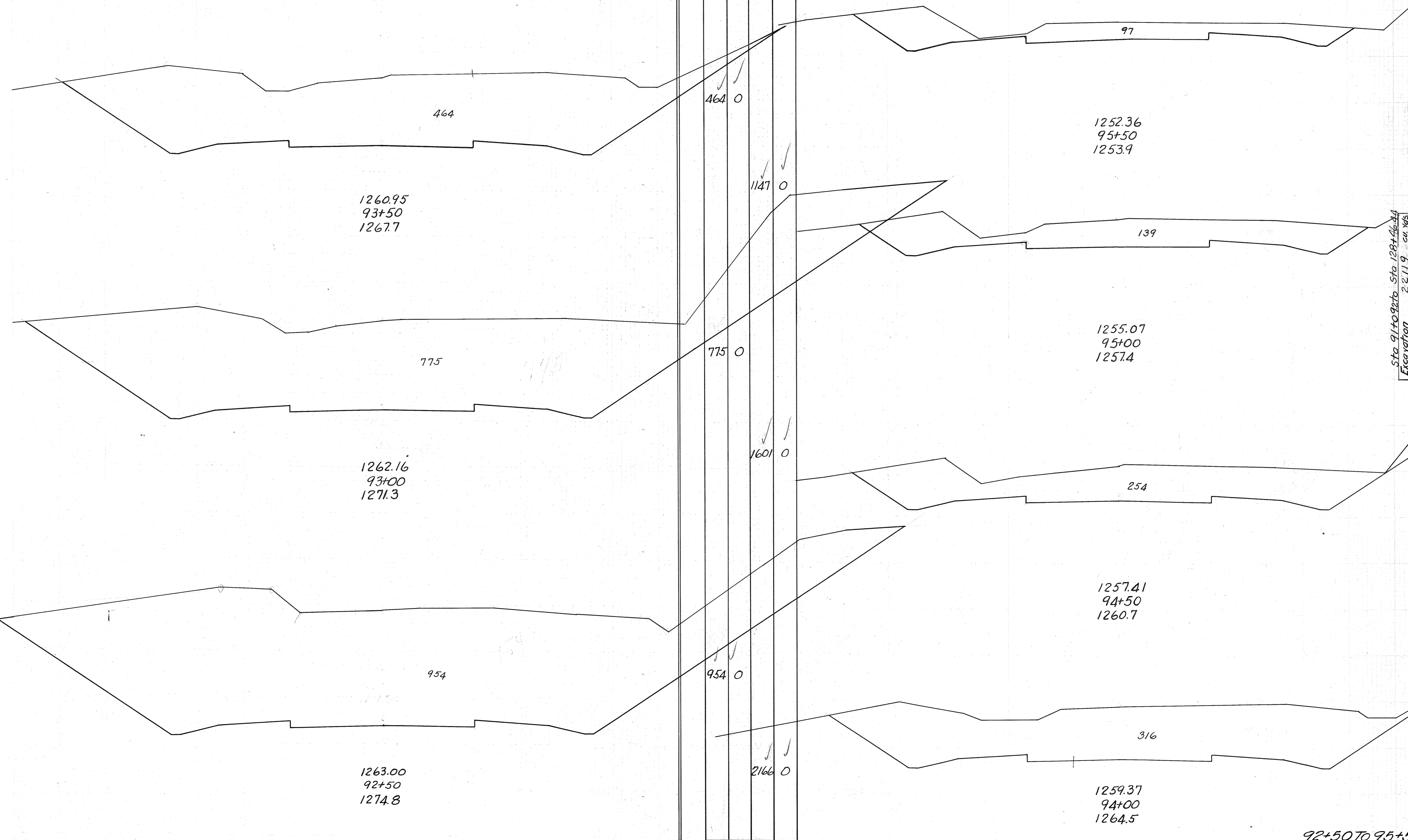
30 25 20 15 10 5 0 5 10 15

FED AID	STATE	FED AID	FISCAL
DIST No		PROJ	YEAR
10	OHIO	NEH 547-D	1933
S.H. 75 JEFFERSON		SEC D-E COUNTY	

27
85

END AREA		CU. YDS.	
CUT	FILL	CUT	FILL
464	0		
1147	0		
775	0		
1601	0		
954	0		
2166	0		

END AREA		CU. YDS.	
CUT	FILL	CUT	FILL
97	0		
		219	0
139	0		
		364	0
254	0		
		528	0
316	0		
		722	0



92+50 TO 95+50

35 30 25 20 15 10 5 0 5 10 15 20 25 30

25 20 15 10 5 0 5 10 15 20

FED AID	STATE	FED AID	FISCAL
DIST NO		PROJ	YEAR
10	OHIO	NRH 547-D	1933

28
85

S.H. 75
JEFFERSON

SEC. D-E
COUNTY

END AREA		Cu. Yds.	
CUT	FILL	CUT	FILL
30	11		
51	7		
76	1		
97	0		

END AREA		Cu. Yds.	
CUT	FILL	CUT	FILL
14	48		
6	61		
33	67		

1242.34
97+00
1243.0

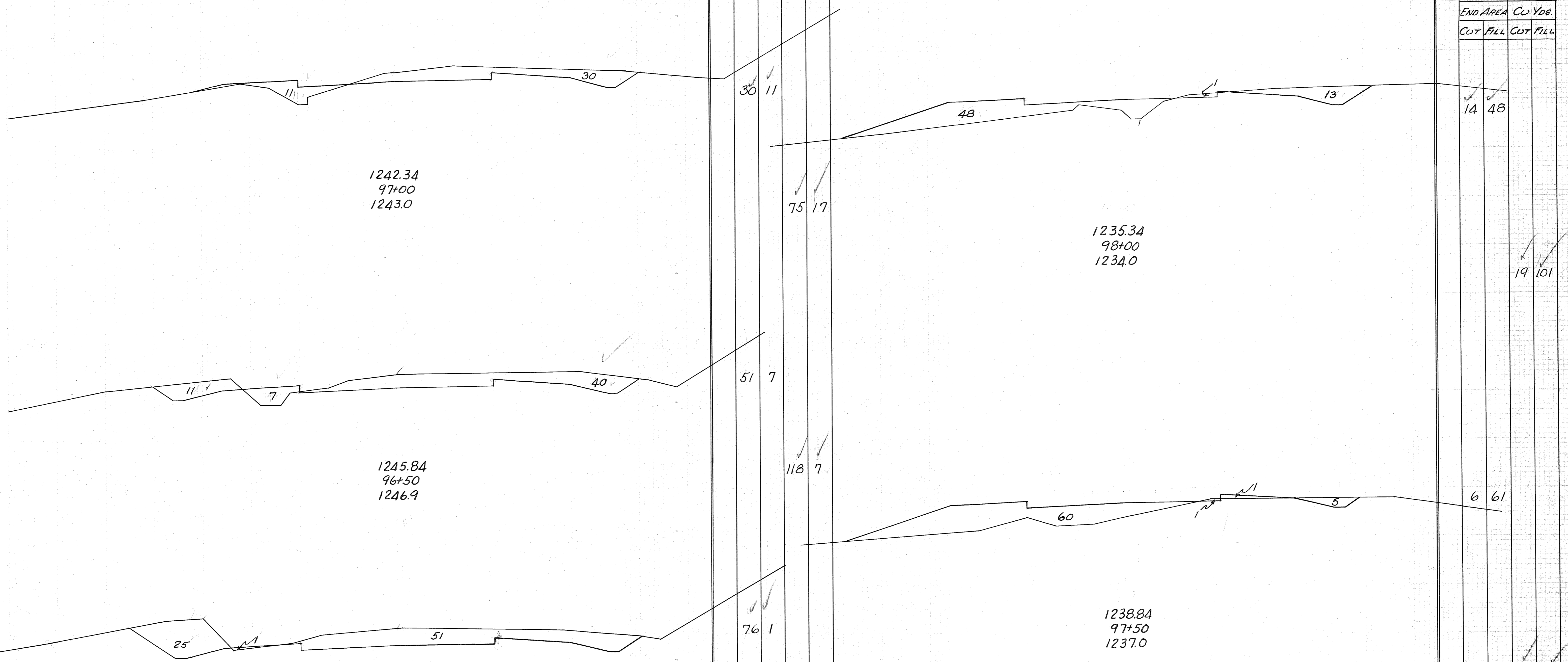
1235.34
98+00
1234.0

1245.84
96+50
1246.9

1238.84
97+50
1237.0

1249.27
96+00
1250.6

96+0 TO 98+0



35 30 25 20 15 10 5 0 5 10 15 20 25 30

25 20 15 10 5 0 5 10 15 20

FED AID	STATE	FED AID	FISCAL
DIST No	OHIO	PROJ.	YEAR
10		NRH	1983
		347-D	

29
85

S.H. 75
JEFFERSON

SEC. D-E
COUNTY

END AREA	CU. YDS.
CUT	FILL
23	9
39	20
19	13
31	56

END AREA	CU. YDS.
CUT	FILL
0	95
2	23
5	25
6	44
26	31

1228.34
99+00
1227.2

1218.72
100+50
1217.90

1221.56
100+00
1220.7

1231.84
98+50
1232.0

1224.84
99+50
1224.0

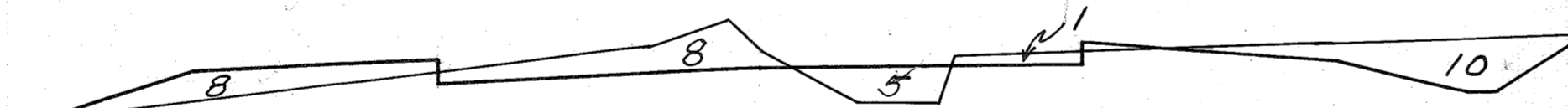
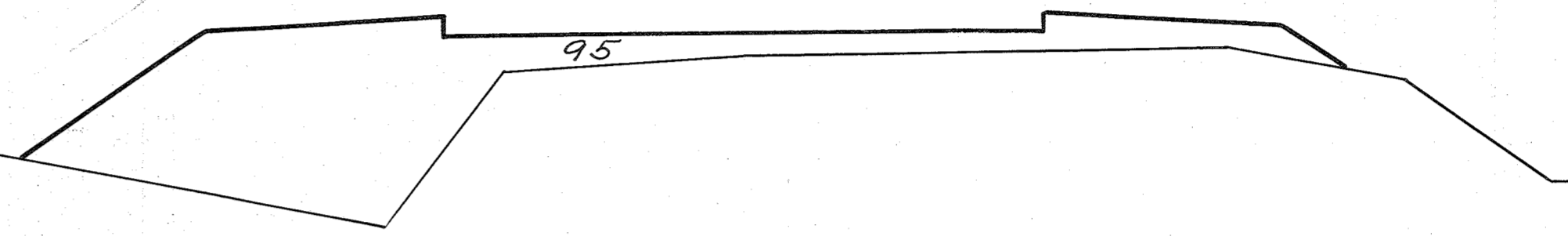
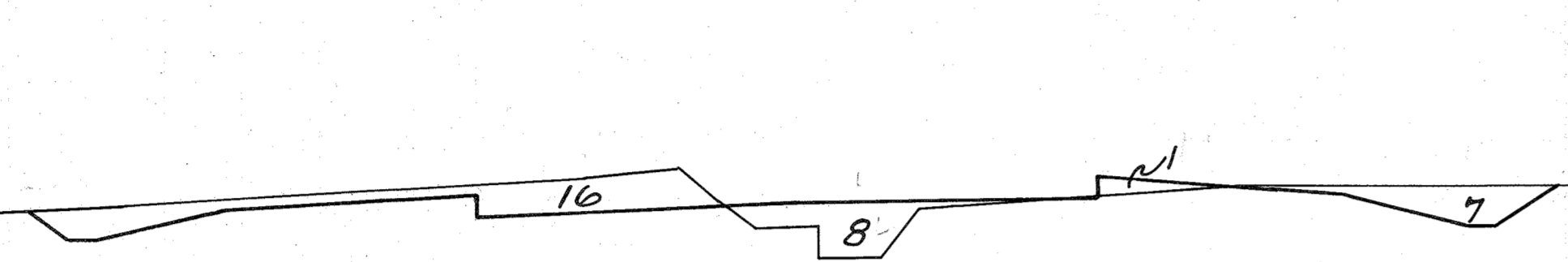
DRIVE
Sta 99+64
Width 8'
Emb 1 cy.
agg 2 cy.

99+64

98+50 TO 100+50

54-33
BEAR
223

6.5



See

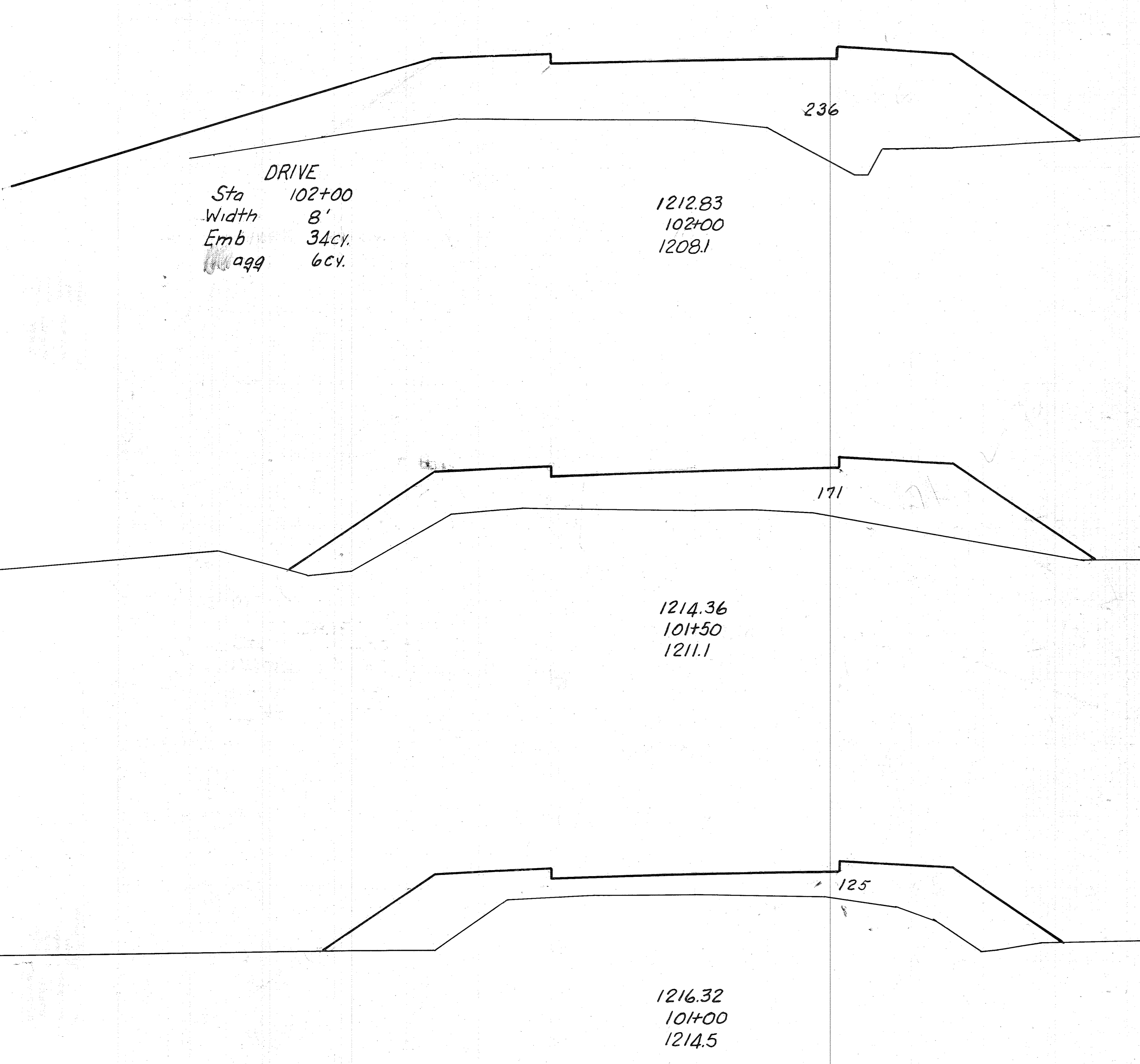
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30 25 20 15 10 5 0 5 10 15

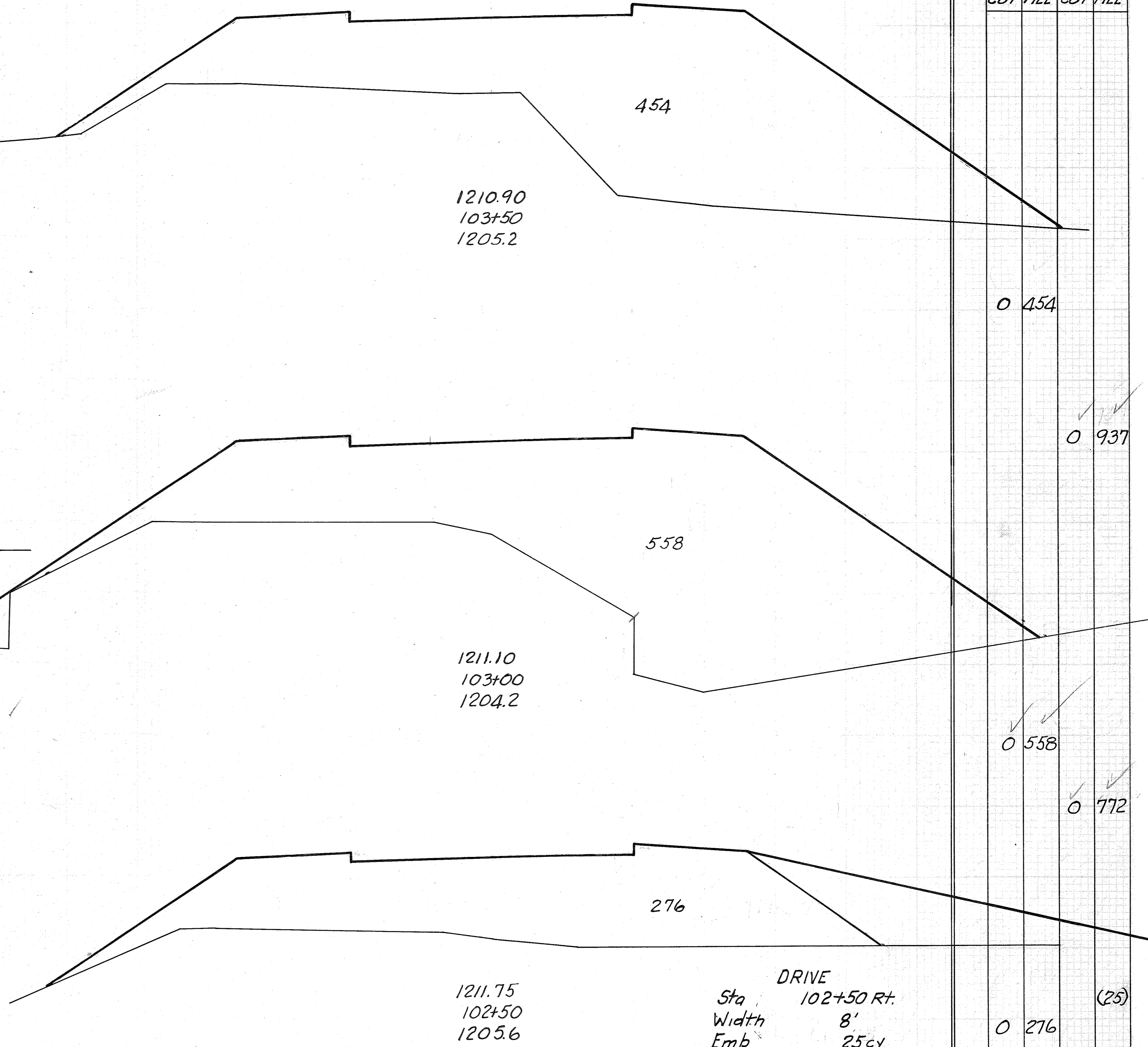
FED AID	STATE	FED AID	FISCAL	30 85
DIST NO	OHIO	PROJ.	YEAR	
10		NEH 347-D	1933	
S.H. 75 JEFFERSON		SEC. D-E COUNTY.		

END AREA		Cu Yds	
CUT	FILL	CUT	FILL
			(34)
0	236		
		0	377
0	171		
		0	274
0	125		
		0	204

END AREA		Cu Yds	
CUT	FILL	CUT	FILL
0	454		
		0	937
0	558		
		0	772
0	276		(25)
		0	474



DRIVE
Sta 102+00
Width 8'
Emb 34cy.
agg 6cy.



DRIVE
Sta 102+50 Rt.
Width 8'
Emb 25cy.
agg 6cy.

101+00 to 103+50

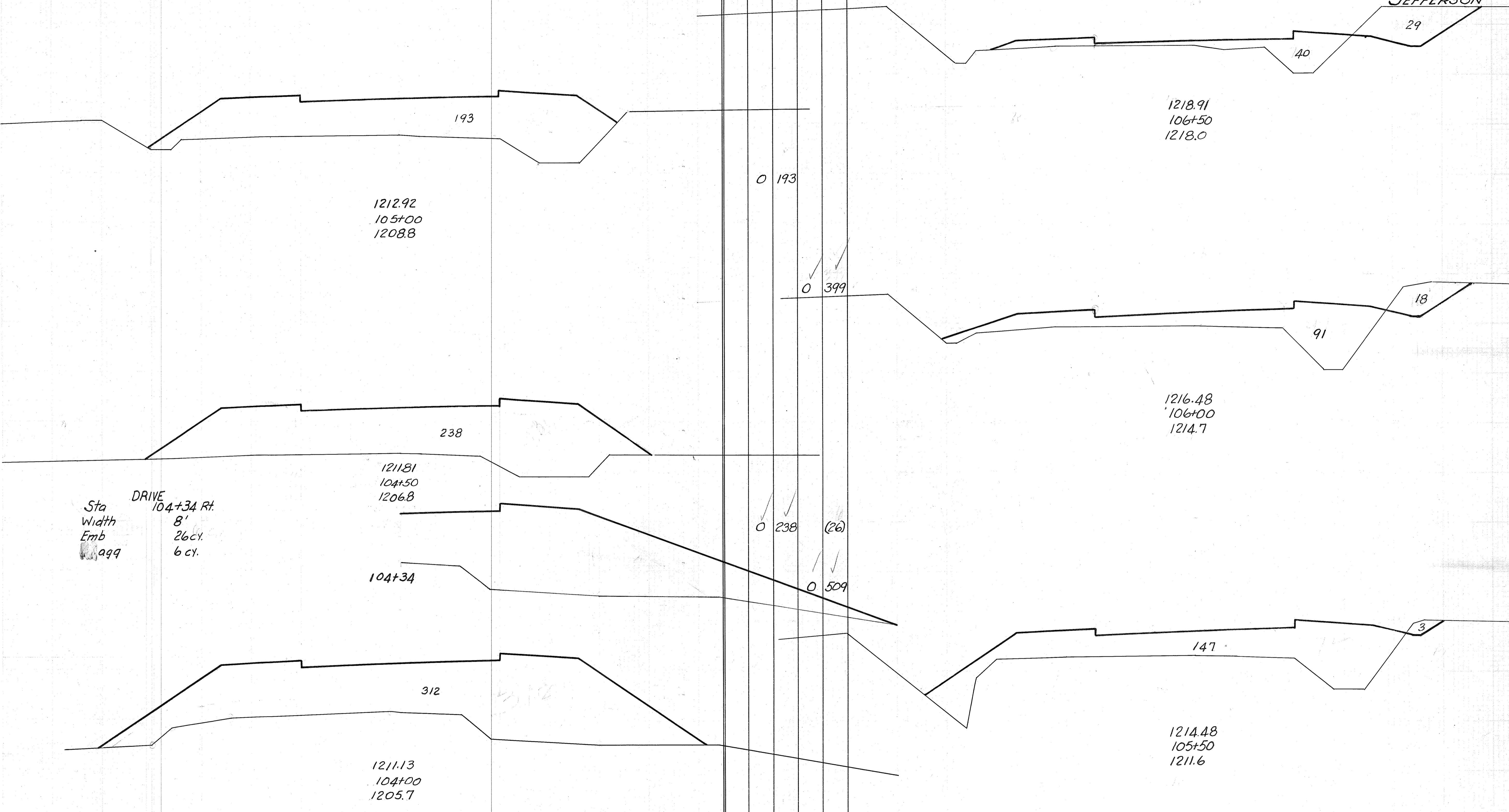
35 30 25 20 15 10 5 0 5 10 15 20 25 30

30 25 20 15 10 5 0 5 10 15

FED AID	STATE	FED AID	FISCAL	31 85
DIST NO		PROJ	YEAR	
10	OHIO	NRH 547-D	1933	
S.H. 75 SEC. JEFFERSON			D-E COUNTY.	

END AREA		CU YDS	
CUT	FILL	CUT	FILL
0	193		
0	399		
0	238	(26)	
0	509		
0	312		
0	709		

END AREA		CU YDS	
CUT	FILL	CUT	FILL
29	40		
18	91		
3	147		
44	121		
18	91		
19	220		
3	147		
3	315		



104+00 TO 106+50

237
928
BEAR
221

35 30 25 20 15 10 5 0 5 10 15 20 25 30

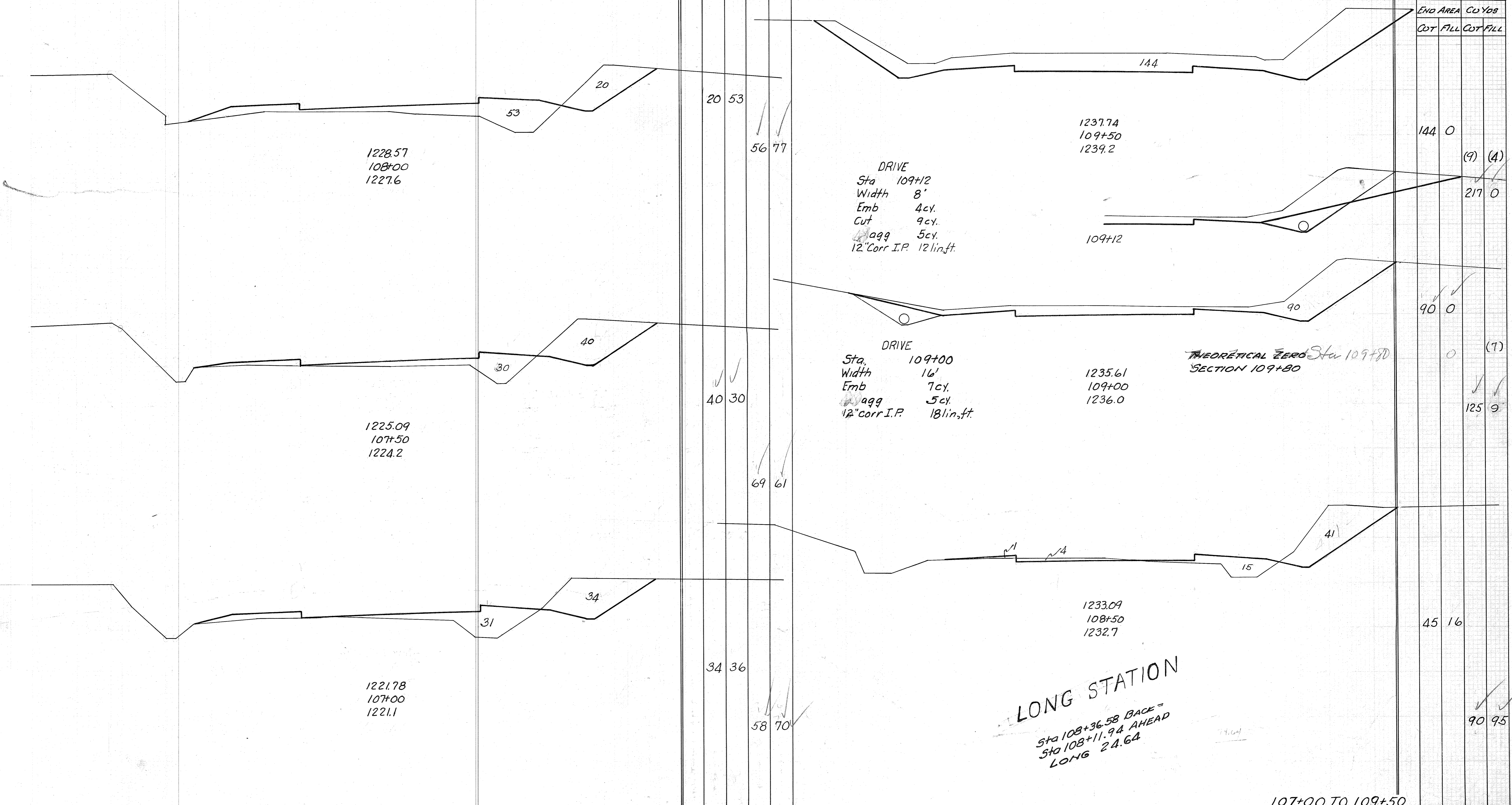
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FED AID	STATE	FED AID	FISCAL
DIST NO	STATE	PROJ	YEAR
10	OHIO	NRH 547-D	1933

32
85

S.H. 75
JEFFERSON

SEC. D-E
COUNTY.



END AREA		CU YDS	
CUT	FILL	CUT	FILL
20	53	56	77
40	30	69	61
34	36	58	70

END AREA		CU YDS	
CUT	FILL	CUT	FILL
144	0	(9)	(4)
90	0		(7)
45	16		
90	95		

DRIVE
 Sta 109+12
 Width 8'
 Emb 4cy.
 Cut 9cy.
 Agg 5cy.
 12" Corr I.P. 12 lin.ft.

DRIVE
 Sta 109+00
 Width 16'
 Emb 7cy.
 Agg 5cy.
 12" Corr I.P. 18 lin.ft.

THEORETICAL ZERO Sta 109+80
 SECTION 109+80

LONG STATION
 Sta 108+36.58 BACK =
 Sta 108+11.94 AHEAD
 LONG 24.64

107+00 TO 109+50

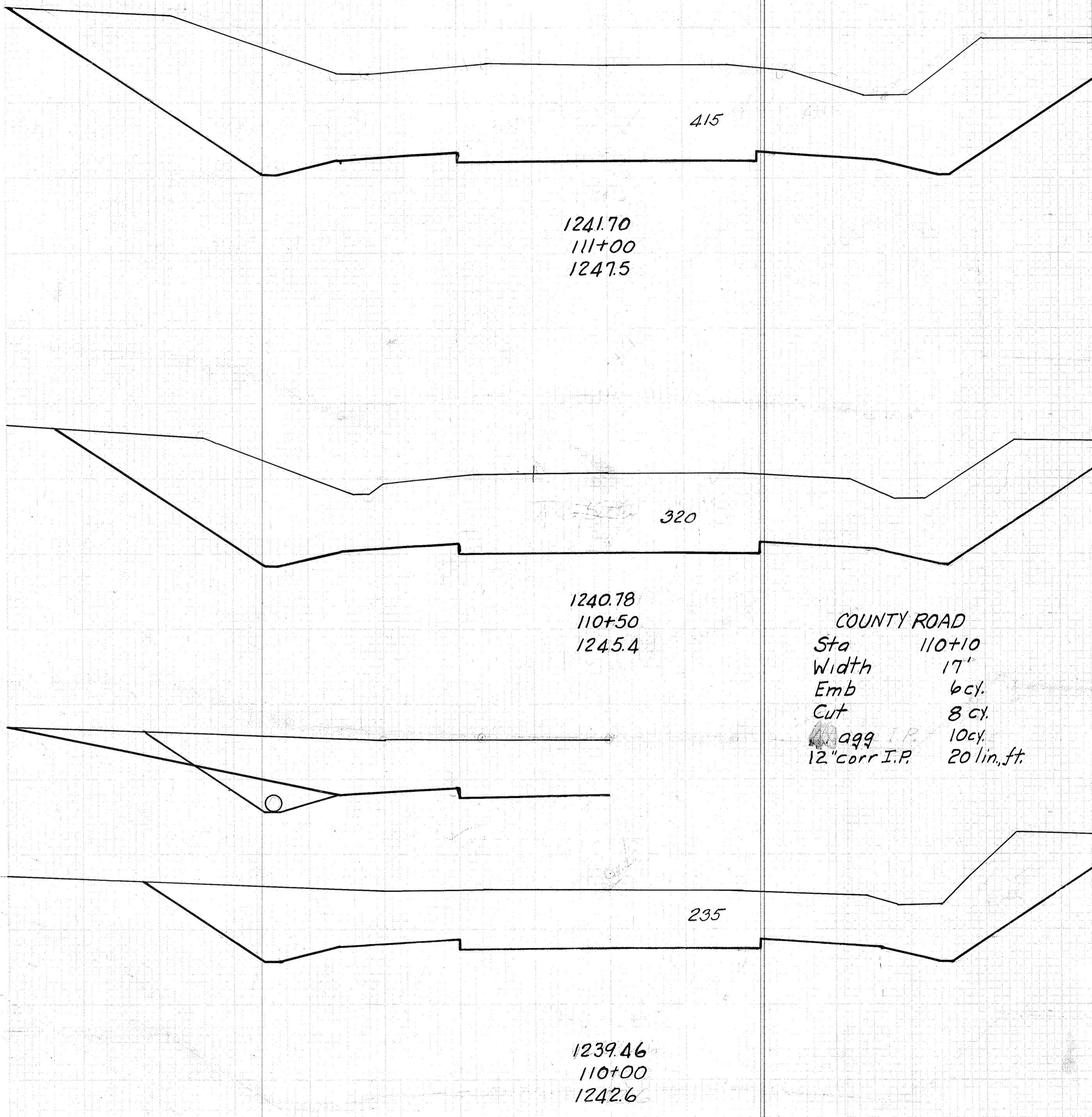
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35 30 25 20 15 10 5 0 5 10

FEDAID DISTNO	STATE	FEDAID PROJ	FISCAL YEAR	<div style="border: 1px solid black; border-radius: 50%; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;"> 33 85 </div>
10	OHIO	NDH 547-D	1933	

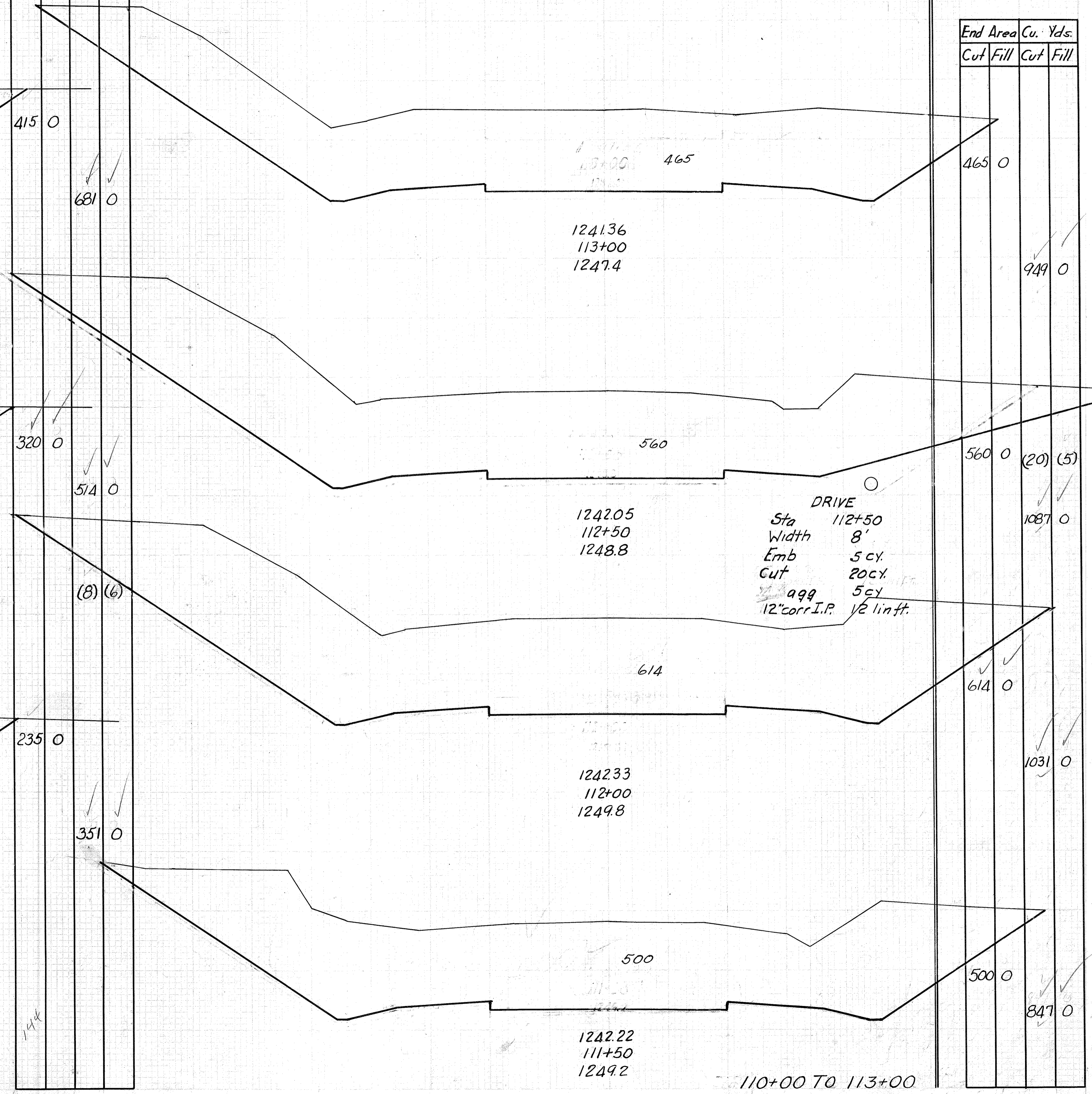
SH-ICH-75
JEFFERSON

SEC-D-E
COUNTY



COUNTY ROAD
Sta 110+10
Width 17'
Emb 6cy.
Cut 8cy.
agg I.P. 10cy.
12"corr I.P. 20 lin.ft.

End Area		Cu. Yds	
Cut	Fill	Cut	Fill
415	0	681	0
320	0	514	0
235	0	351	0



DRIVE
Sta 112+50
Width 8'
Emb 5cy.
Cut 20cy.
agg 5cy.
12"corr I.P. 1/2 lin.ft.

End Area		Cu. Yds.	
Cut	Fill	Cut	Fill
465	0	949	0
560	0	(20)	(5)
614	0	1087	0
500	0	1031	0
500	0	847	0

110+00 TO 113+00

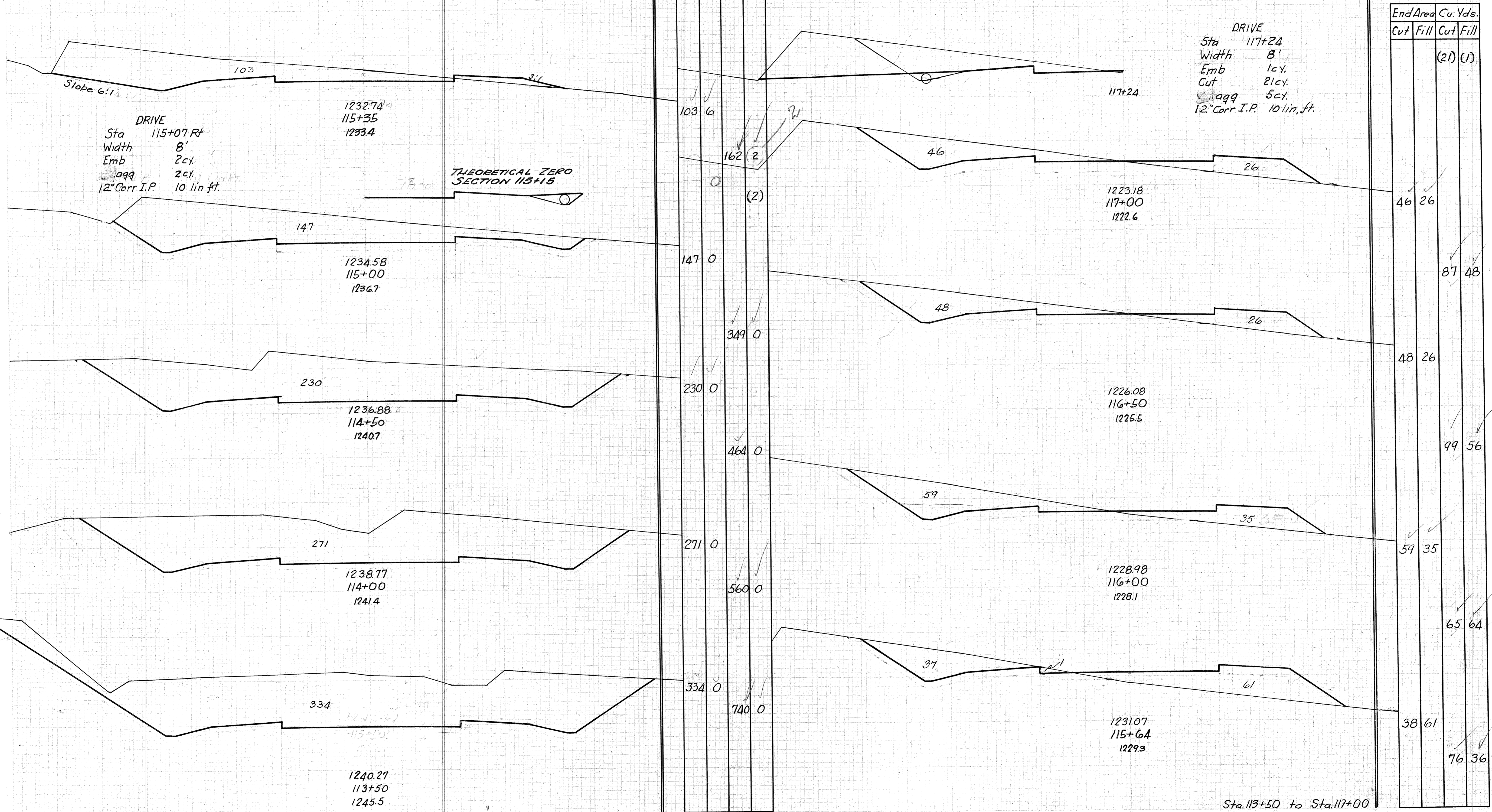
FEDAID	STATE	FEDAID	FISCAL
DISTNO	OHIO	PROJ	YEAR
10		547-D	1933

34
85

SH-ICH-75
JEFFERSON

SEC-D-E
COUNTY

35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 30 25 20 15 10 5 0 5 10



DRIVE
Sta 115+07 R+
Width 8'
Emb 2cy.
agg 2cy.
12" Corr. I.P. 10 lin. ft.

DRIVE
Sta 117+24
Width 8'
Emb 1cy.
Cut 21cy.
agg 5cy.
12" Corr. I.P. 10 lin. ft.

THEORETICAL ZERO
SECTION 115+15

End Area		Cu. Yds.	
Cut	Fill	Cut	Fill
103	6		
162	2	(2)	
0			
147	0		
349	0		
230	0		
464	0		
271	0		
560	0		
334	0	740	0

End Area		Cu. Yds.	
Cut	Fill	Cut	Fill
		(21)	(1)
46	26		
		87	48
48	26		
		99	56
59	35		
		65	64
38	61		
		76	36

Sta. 113+50 to Sta. 117+00

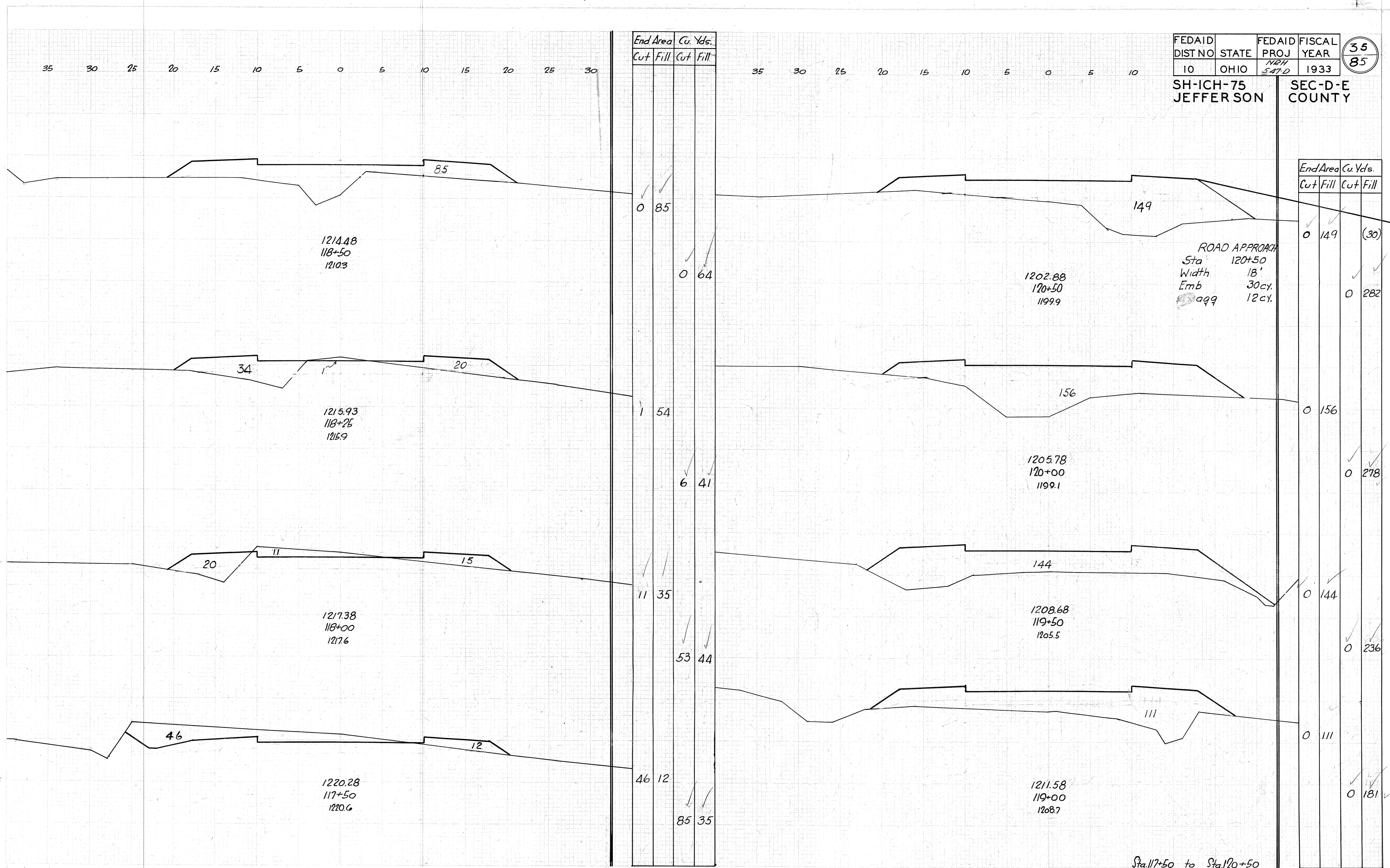
ORIGINAL SURVEY
 DATE 1933
 BY J. W. B.

FEDAID DIST NO	STATE	FEDAID PROJ	FISCAL YEAR
10	OHIO	NRH 547.D	1933

35
85

SH-ICH-75
JEFFERSON

SEC-D-E
COUNTY



End Area	Cu. Yds.	
	Cut	Fill
0	149	(30)
0	156	0
0	144	0
0	111	0

ROAD APPROACH
Sta 120+50
Width 18'
Emb 30cy.
agg 12cy.

Sta 117+50 to Sta 120+50

SWIFT
CONV.

37
85

FEDAID DIST NO	STATE	FEDAID PROJ	FISCAL YEAR
10	OHIO	NBH 547-D	1933

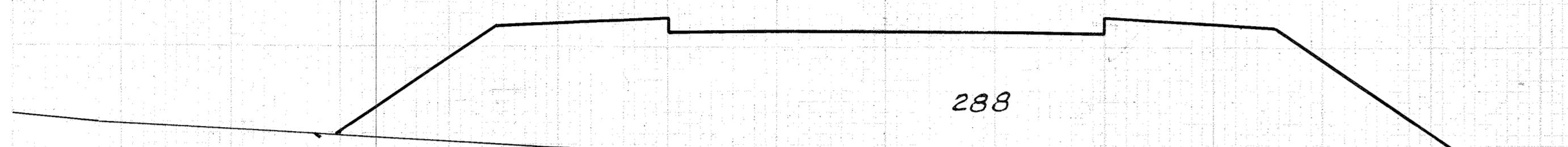
SH-ICH-75
JEFFERSON

SEC-DE
COUNTY

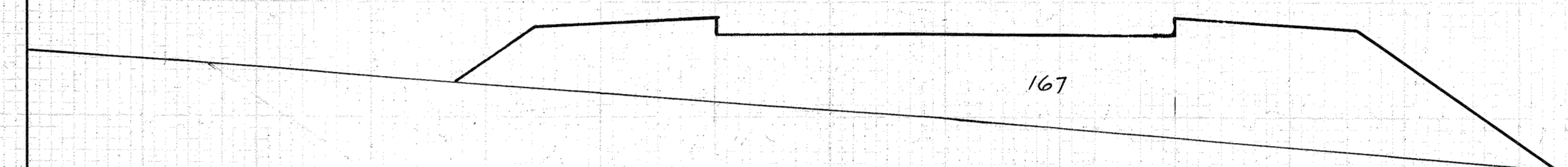
35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 30 25 20 15 10 5 0 5 10

End Area		Cu Yds	
Cut	Fill	Cut	Fill
0	288		
0	266		
0	225		
1	297		
1	96	33	102

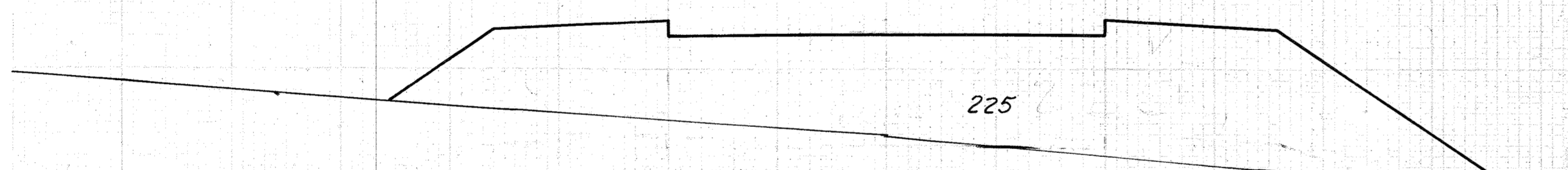
End Area		Cu Yds	
Cut	Fill	Cut	Fill
0	167		
0	475		
0	860		
0	163		
0	905		
0	376		



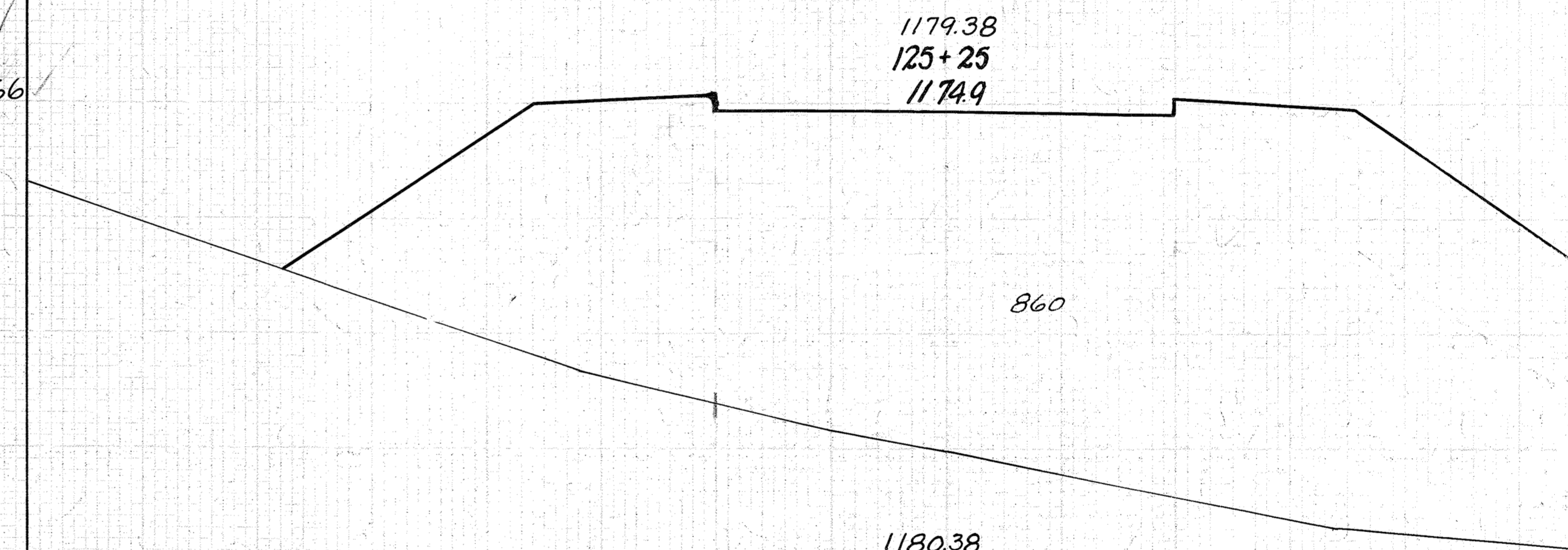
1181.37
124+78
1174.9



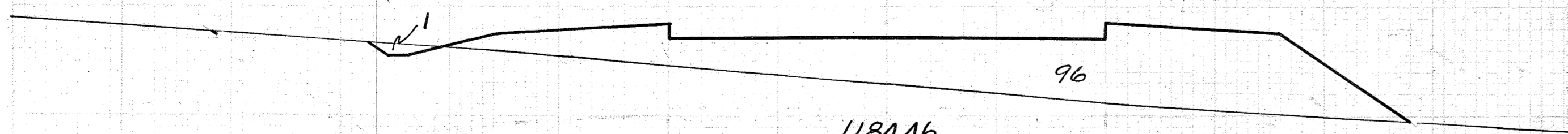
1179.38
125+25
1174.9



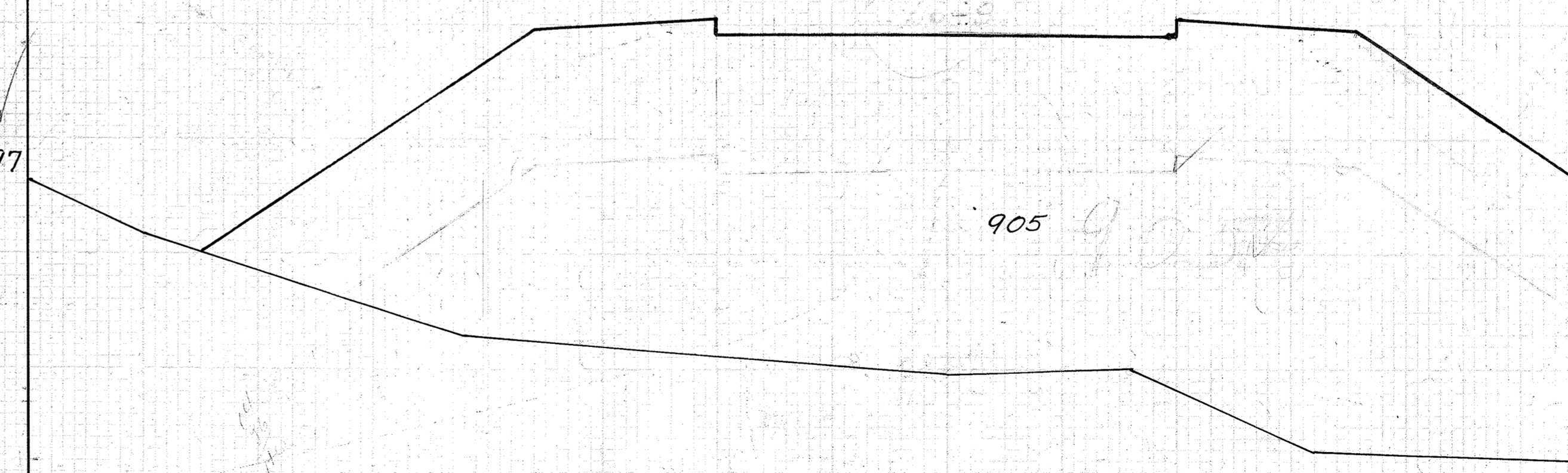
1182.38
124+50
1176.9



1180.38
125+00
1164.8



1184.46
124+95
1181.5



1180.40
124+95
1164.8

Sta 124+0 to 125+25

DATE: 11/1/33
BY: [Signature]

DATE: 11/1/33
BY: [Signature]

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 55

FEDAID DIST NO	STATE	FEDAID PRO J	FISCAL YEAR
10	OHIO	NDH 547-D	1933

39
85

SH-1CH 75
JEFFERSON

SEC D - E
COUNTY

END AREA	CU YDS.
CUT	FILL
0	1389
	2382
0	1183
	2625
0	1652

1389

1162.38
129+50
1129.4

1183

1164.38
129+0
1145.4

129+0 TO 129+50

Draw
Bunn

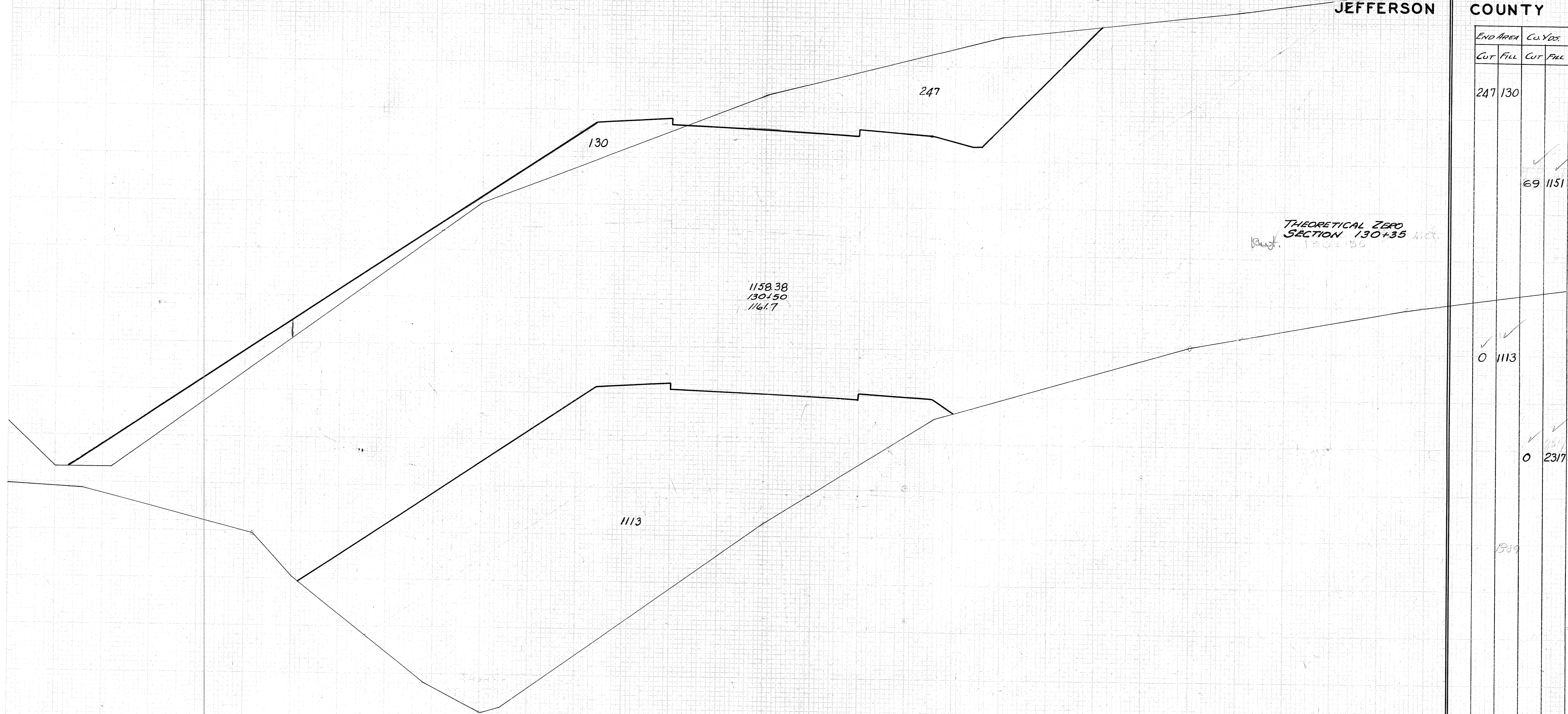
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FEDAID DIST NO	STATE	FEDAID PRO J	FISCAL YEAR	40 85
10	OHIO	NBH 547.0	1933	

SH-ICH 75
JEFFERSON

SEC D-E
COUNTY

END AREA		Cu. Yds.	
Cut	Fill	Cut	Fill
247	130		
0	1113	69	1151
0	2317		



ORIGINAL SURVEY
 DATE
 BY
 CHECKED
 DATE
 BY

130+0 To 130+50

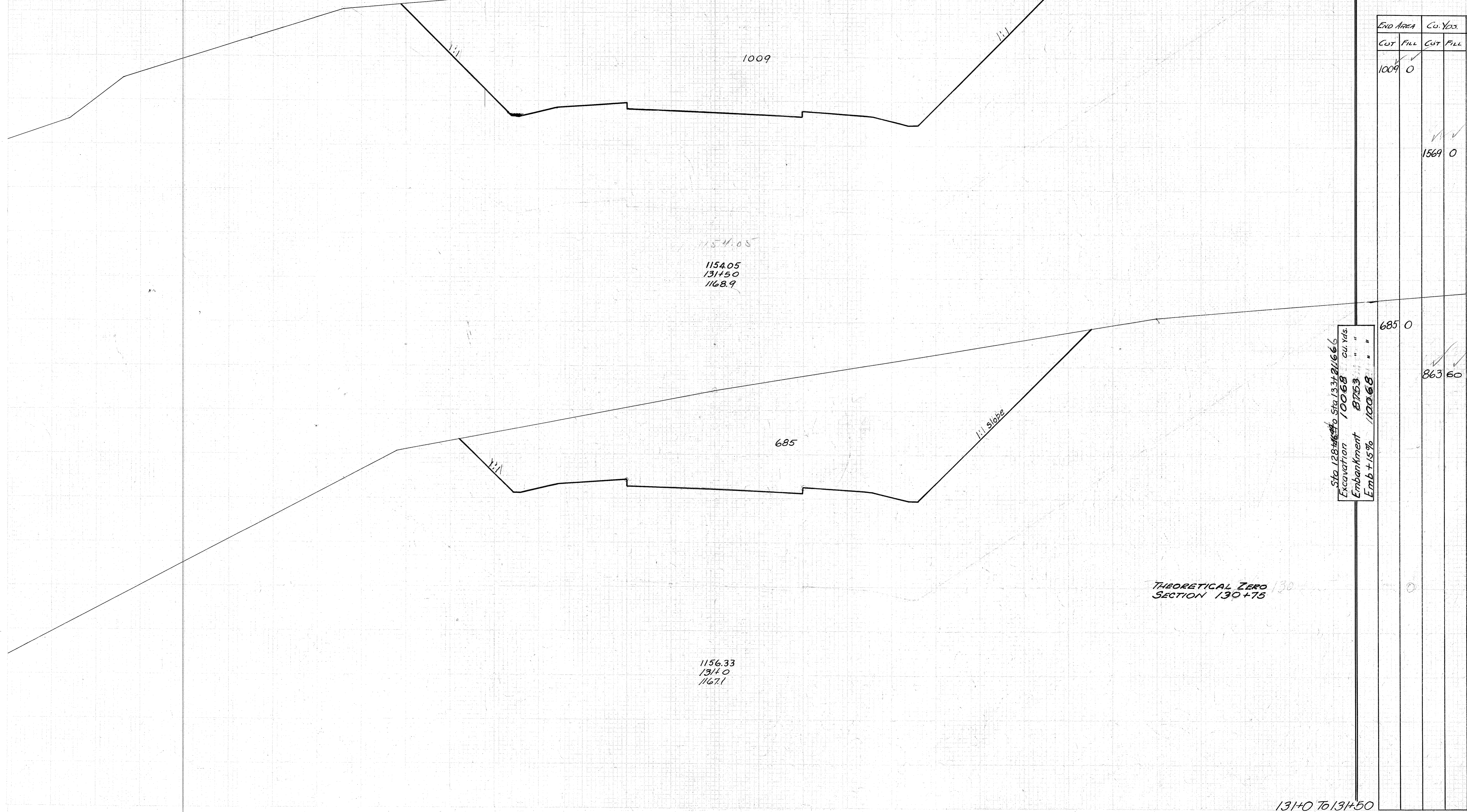
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FEDAID DIST NO	STATE	FEDAID PROJ	FISCAL YEAR
10	OHIO	NDP 547-D	1933

41
85

SH-ICH-75
JEFFERSON

SEC-D-E
COUNTY



EVD AREA		Cu. Yds.	
CUT	FILL	CUT	FILL
1009	0		
		1569	0
		685	0
		863	60

Sta 128+66 to Sta 133+21.66
Excavation 100.68 cu. yds.
Embankment 875.3 " "
Emb + 15% 100.68 " "

THEORETICAL ZERO SECTION 130+75

131+0 To 131+50

A.B.
Blum
223

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 55

FEDAID DISTNO	STATE	FEDAID PROJ	FISCAL YEAR
10	OHIO	NEH 547-D	1933

42
85

SH-ICH 75
JEFFERSON

SEC D-E
COUNTY

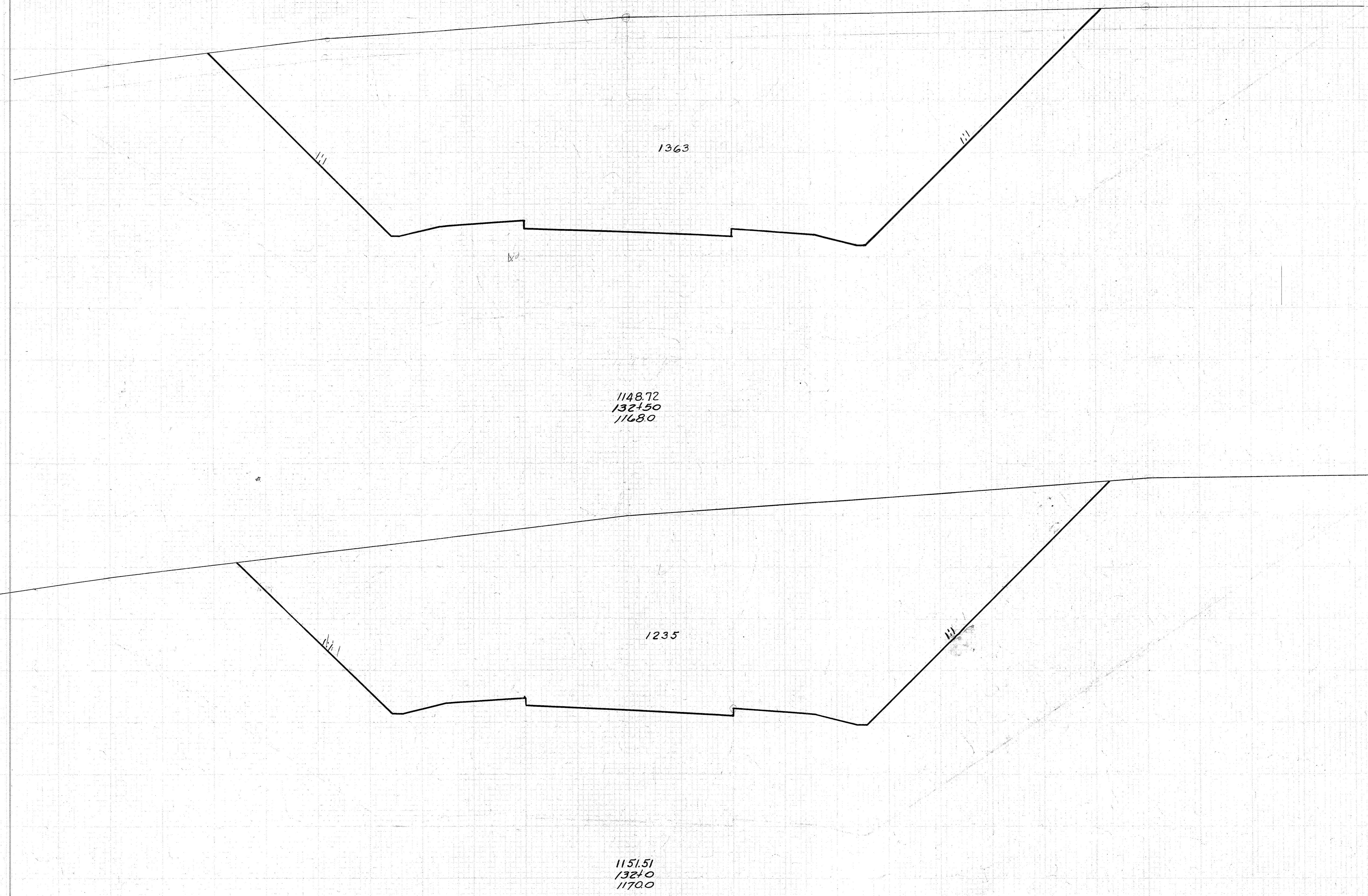
END AREA	CU. YDS.
CUT	FILL

✓	✓
1363	0

✓	✓
2406	0

✓	✓
1235	0

✓	✓
2078	0



1324.0 TO 1324.50

DATE: 11/15/33
BY: [illegible]

DATE: 11/15/33
BY: [illegible]

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 55

FEDAID DISTNO	STATE	FEDAID PROJ	FISCAL YEAR
10	OHIO	1221 347-D	1933

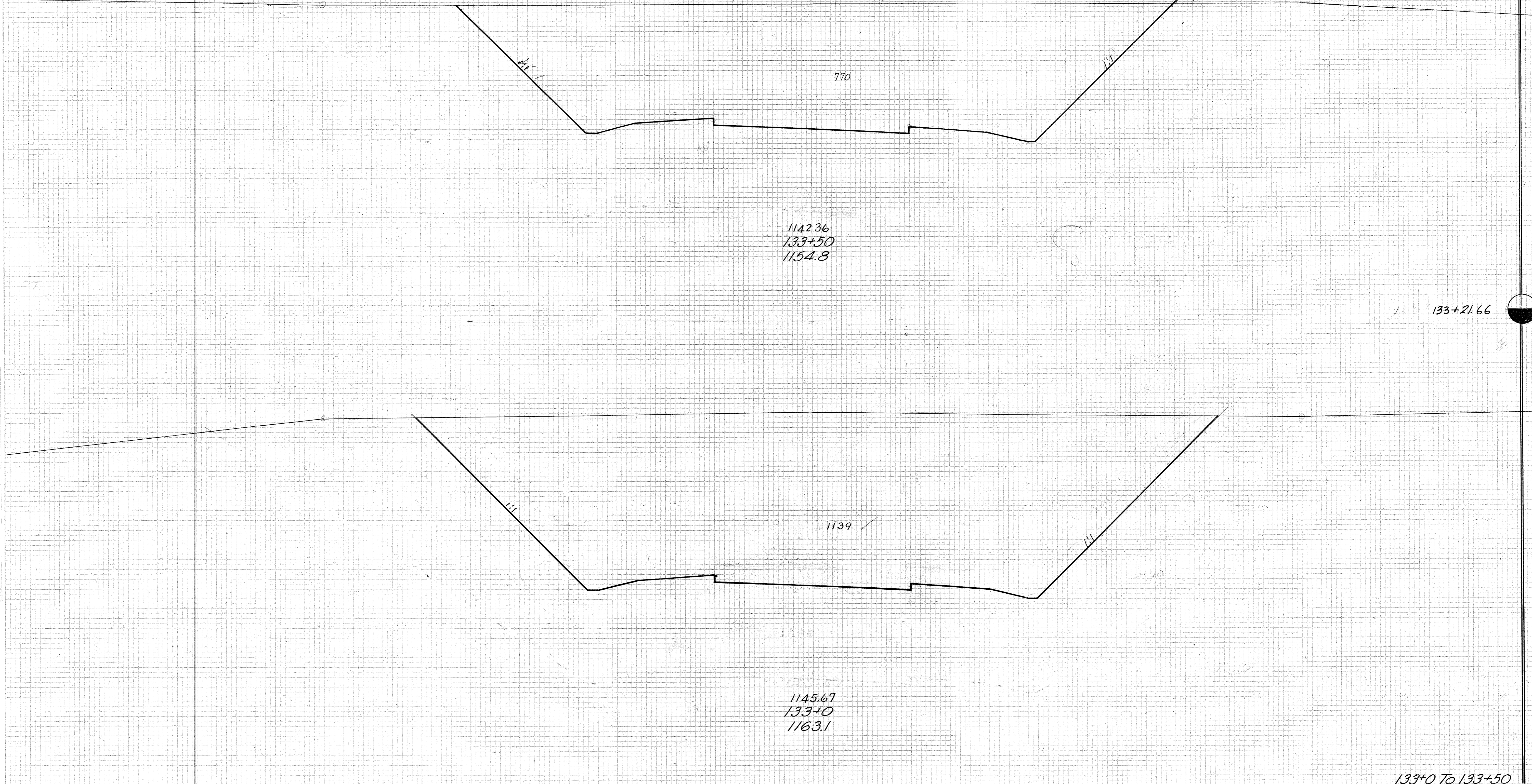
43
85

SH-ICH
JEFFERSON

SEC-D-E
COUNTY

DATE	BY
FINAL SURVEY	
NOTE BOOK	
AREAS CHECKED	

DATE	BY
ORIGINAL SURVEY	
NOTE BOOK	
AREAS CHECKED	



END AREA		Cu. Yds.	
CUT	FILL	CUT	FILL
770	0		
1002	0	766	0
1139	0		
2317	0		

133+0 To 133+50

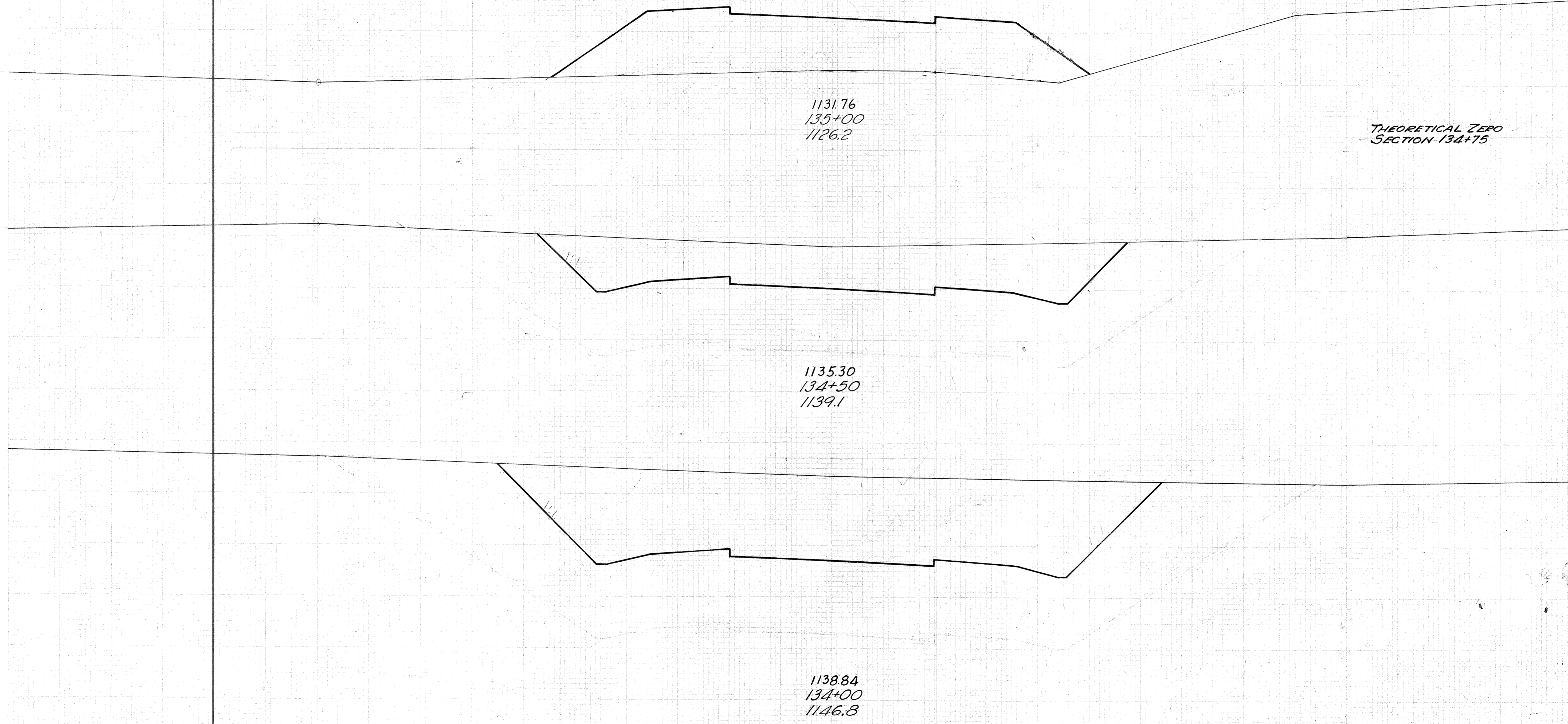
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FEDAID DIST NO	STATE	FEDAID PROJ	FISCAL YEAR
10	OHIO	NDH 547-D	19 33

44
85

SH-ICH
JEFFERSON

SEC D-E
COUNTY



0	252	110	117
237	0	659	0
475	0	1153	0
770			

134+00 to 135+00

FINAL
SURVEY
NOTE BOOK

GENERAL
SURVEY
NOTE BOOK

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 55

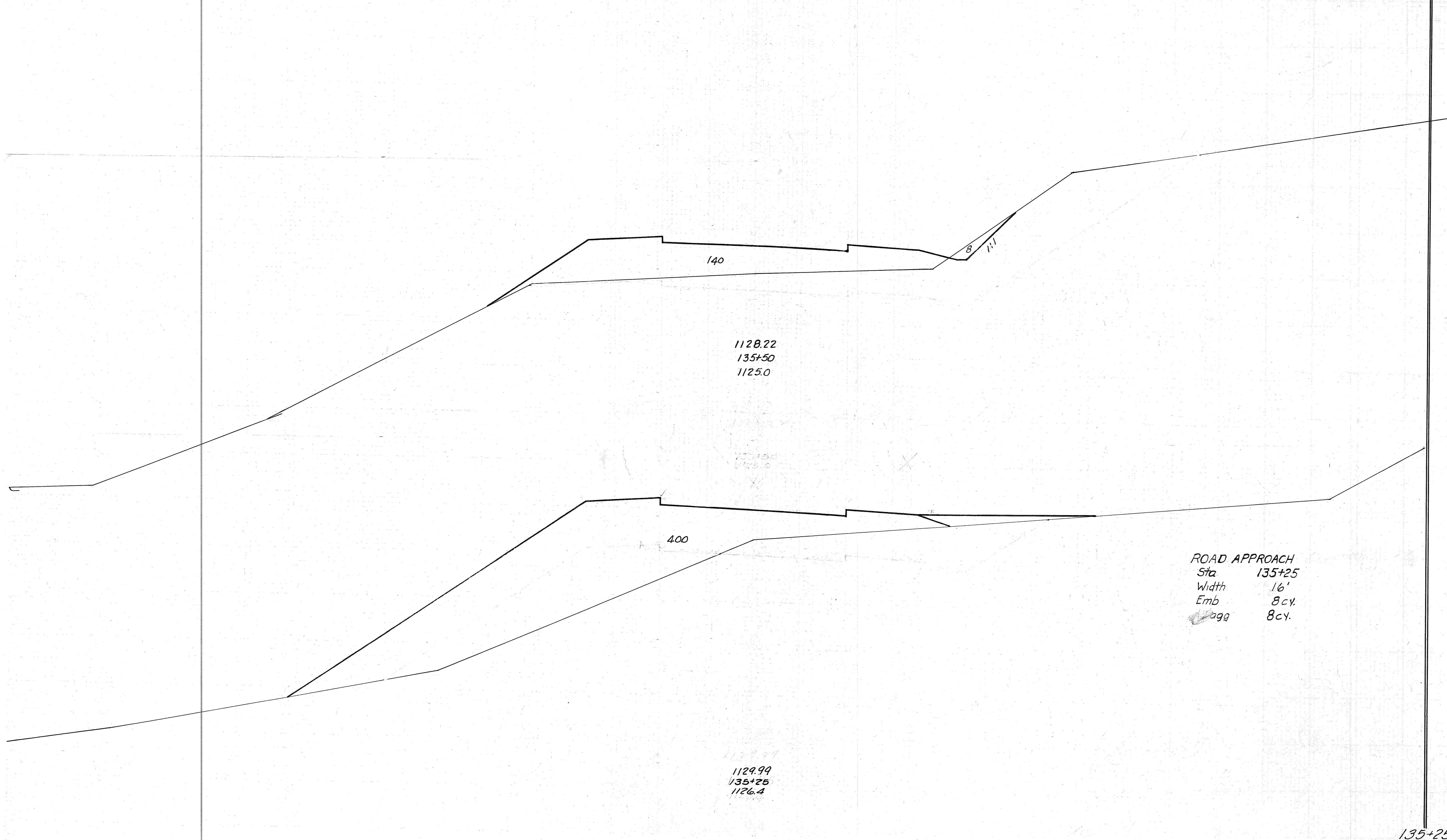
FEDAID DIST NO	STATE	FEDAID PROJ	FISCAL YEAR
10	OHIO	NDH 547-D	1933

45
85

SH - ICH 75
JEFFERSON

SEC D - E
COUNTY

END AREA		CU. YDS.	
CUT	FILL	CUT	FILL



1128.22
135+50
1125.0

135+50
1125.0

400

1129.99
135+25
1126.4

ROAD APPROACH
Sta 135+25
Width 16'
Emb 8cy.
agg 8cy.

8 140

4 250

0 400

0 302

(8)

135+25 To 135+50

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 55

FEDAID DISTNO	STATE	FEDAID PROJ	FISCAL YEAR
10	OHIO	NEH 347-D	1933

46
85

SH- ICH 75
JEFFERSON

SEC D-E
COUNTY

END AREA		CU YDS	
CUT	FILL	CUT	FILL



1220	0		
		1760	0
681	0	0	0
		638	91
8	140		
136+0		To 136+50	

BLINN
BLINN

Sta. 136+00 to 136+50
Elevations: 1124.68, 1137.0, 1138.5, 1121.14, 1220, 681, 1760

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 55

FEDAID DISTNO	FEDAID STATE	FEDAID PROJ	FISCAL YEAR
10	OHIO	N104 S27-D	1933

47
85

SH-ICH 75 SEC D-E
JEFFERSON COUNTY

ENG AREA		CU. YDS.	
CUT	FILL	CUT	FILL

1114	11		
------	----	--	--

		2198	4
--	--	------	---

		0	
--	--	---	--

1260	0		
------	---	--	--

		2296	0
--	--	------	---

137+0 To 137+50



1114.06
137+50
1132.3

1117.60
137+0
1136.9

Theoretical Zero Section
Sta. 137+30

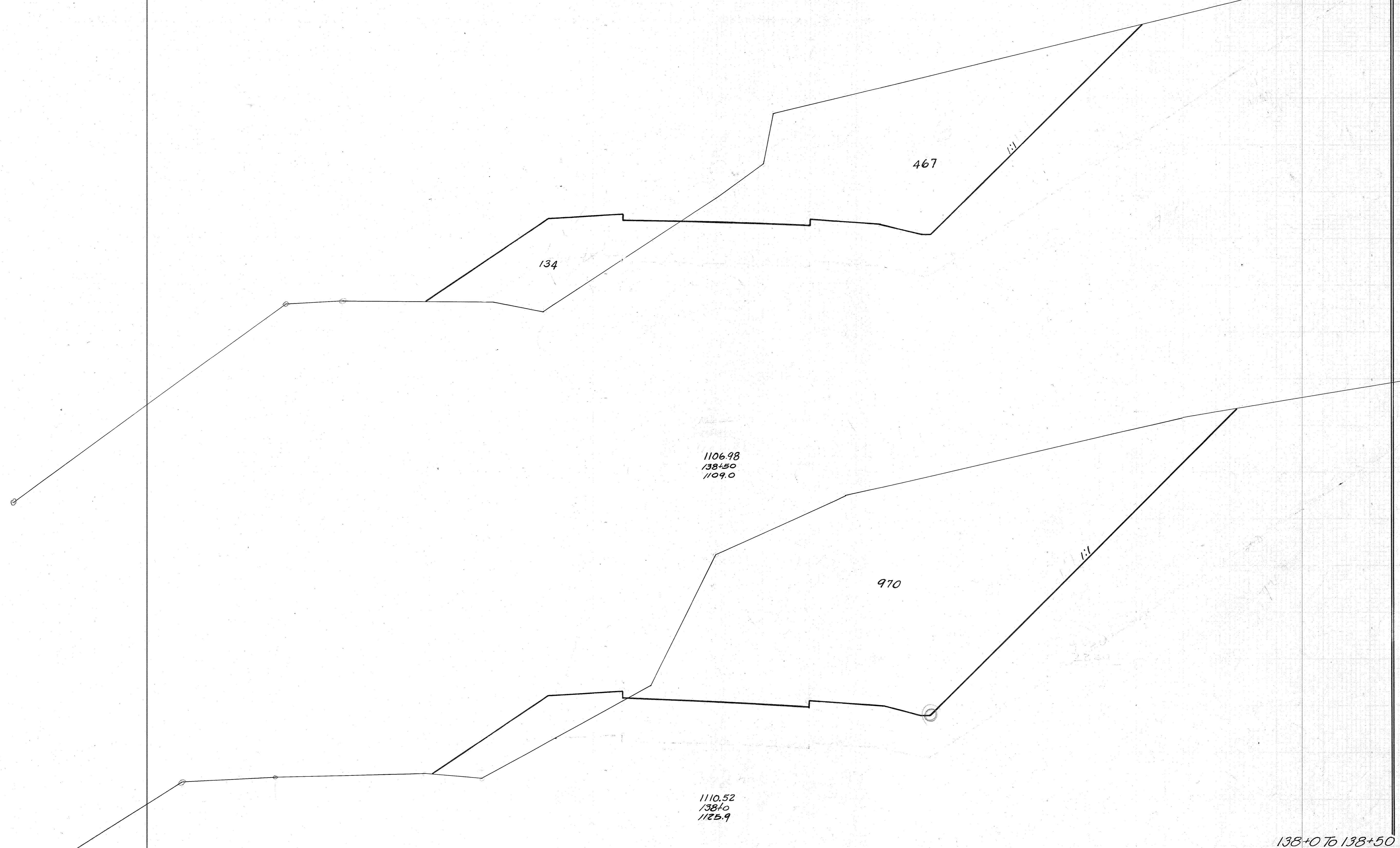
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FEDAID DISTNO	STATE	FEDAID PROJ	FISCAL YEAR	48 85
10	OHIO	NRH 547.0	1933	

SH- ICH 75
JEFFERSON

SEC D-E
COUNTY

END AREA		Cu. Yds.	
CUT	FILL	CUT	FILL
467	134		
		1331	183
970	64		
		1930	69
114	11		



1106.98
138+50
1109.0

1110.52
138+0
1125.9

138+0 To 138+50

223
Q.B
Elevations

35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55

END AREA	Cu Yds
CUT	FILL
CUT	FILL

0 662	0 1037	61 763	110 366	183 665	88 352	322 606
-------	--------	--------	---------	---------	--------	---------



201.01
14281
022801

458

1085.74
141150
1072.9

366

1089.28
141140
1077.6

352

1092.82
140150
1083.6

FEDAID DISTNO	STATE	FEDAID PROJ	FISCAL YEAR
10	OHIO	NRH 547-D	1933

50
85

SH- ICH 75 SEC D-E
JEFFERSON COUNTY

140+50 TO 142+0

Q.B.
BUNN

223

35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 50 55

END AREA	Cu Yds	CUT	FILL	CUT	FILL
207	140				
				317	324
				135	210
				125	479
				307	0
				560	0
				0	803
				0	1132

FEDAID DISTNO	STATE	FEDAID PROJ	FISCAL YEAR
10	OHIO	NEH 547D	1933

51
85

SH-ICH 75 SEC D-E
JEFFERSON COUNTY

207

140

1070.16
1447.0
1064.8

135

210

1073.14
1437.50
1066.3

307

1076.10
1437.0
1067.7

560

1078.16
1421.50
1069.0

142+50 TO 144+0

35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55

223
Q.B.
B.M.

END AREA	CUT	FILL	CUT-FILL	CU. YDS
68	25			
92	52			
130	80			
159	102			
207	140			

68

25

1061.14
146+0
10598

92

52

1063.18
145+50
10610

130

80

1065.54
145+0
10623

159

102

1067.90
144+50
10634

148 71

205 122

268 169

339 224

FEDAID DIST NO	STATE	FEDAID PROJ	FISCAL YEAR
10	OHIO	NDH 547.0	193.3

52
85

SH- ICH 75 SEC D-E
JEFFERSON COUNTY

144+50 TO 146+0

10 35 30 25 20 15 10 5 0 5 10 15 20 25 30

30 25 20 15 10 5 0 5 10 15

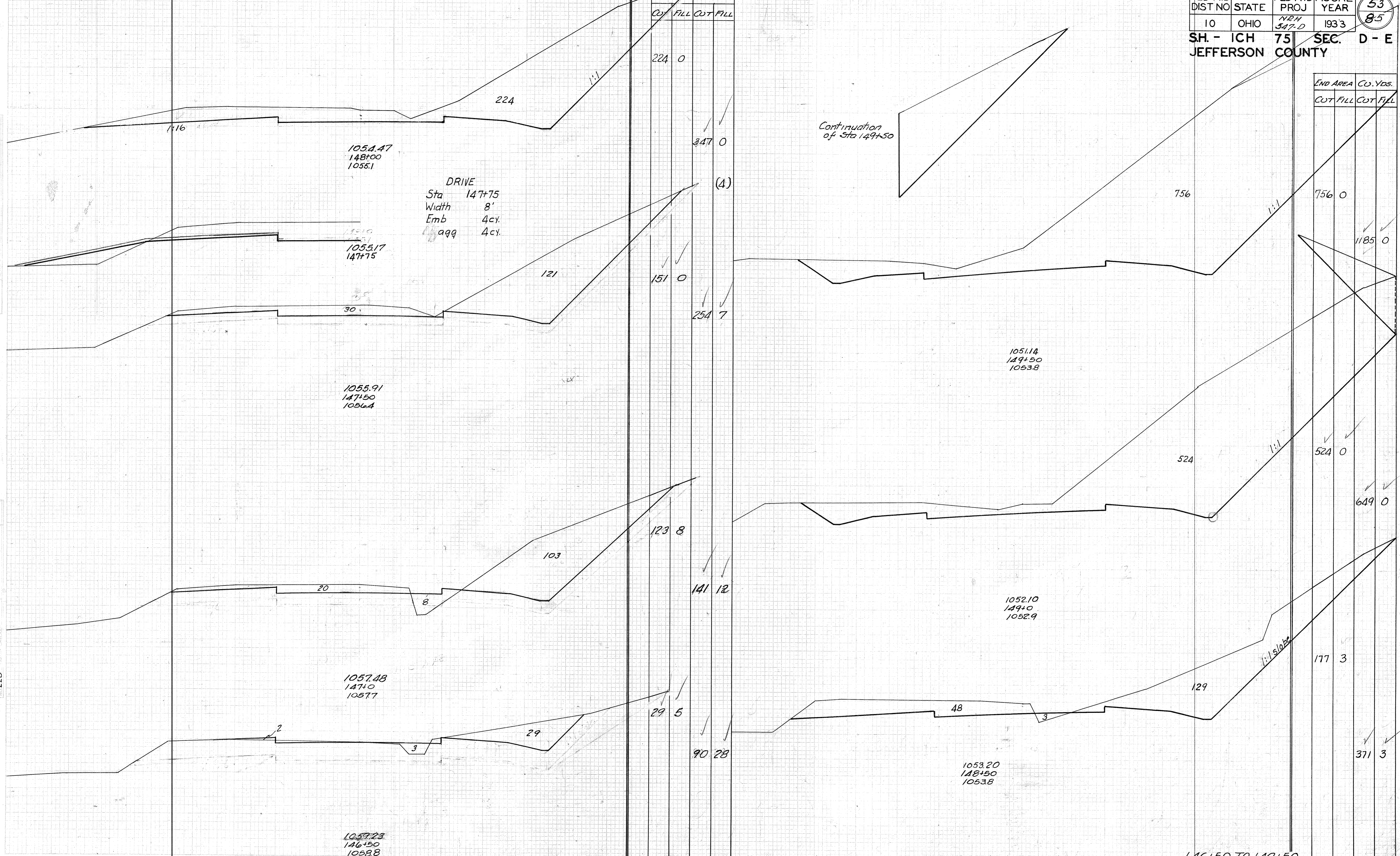
FED AID DIST NO	STATE	FED AID PROJ	FISCAL YEAR
10	OHIO	NBH 547-D	1933

53
85

SH. - ICH 75 SEC. D - E
JEFFERSON COUNTY

FINAL SURVEY PLAT NO. 223
 PROJECT NO. Q.B.
 DATE 10/16/33

ORIGINAL SURVEY PLAT NO. Q.B.
 PROJECT NO. 223
 DATE 10/16/33



DRIVE
 Sta 147+75
 Width 8'
 Emb 4cy.
 aqq 4cy.

Continuation of Sta 149+50

END AREA		CU. YDS.	
CUT	FILL	CUT	FILL
		224	0
		347	0
		(4)	
		151	0
		254	7
		123	8
		141	12
		29	5
		90	28

END AREA		CU. YDS.	
CUT	FILL	CUT	FILL
		756	0
		1185	0
		524	0
		649	0
		177	3
		371	3

146+50 TO 149+50

G.B.

223

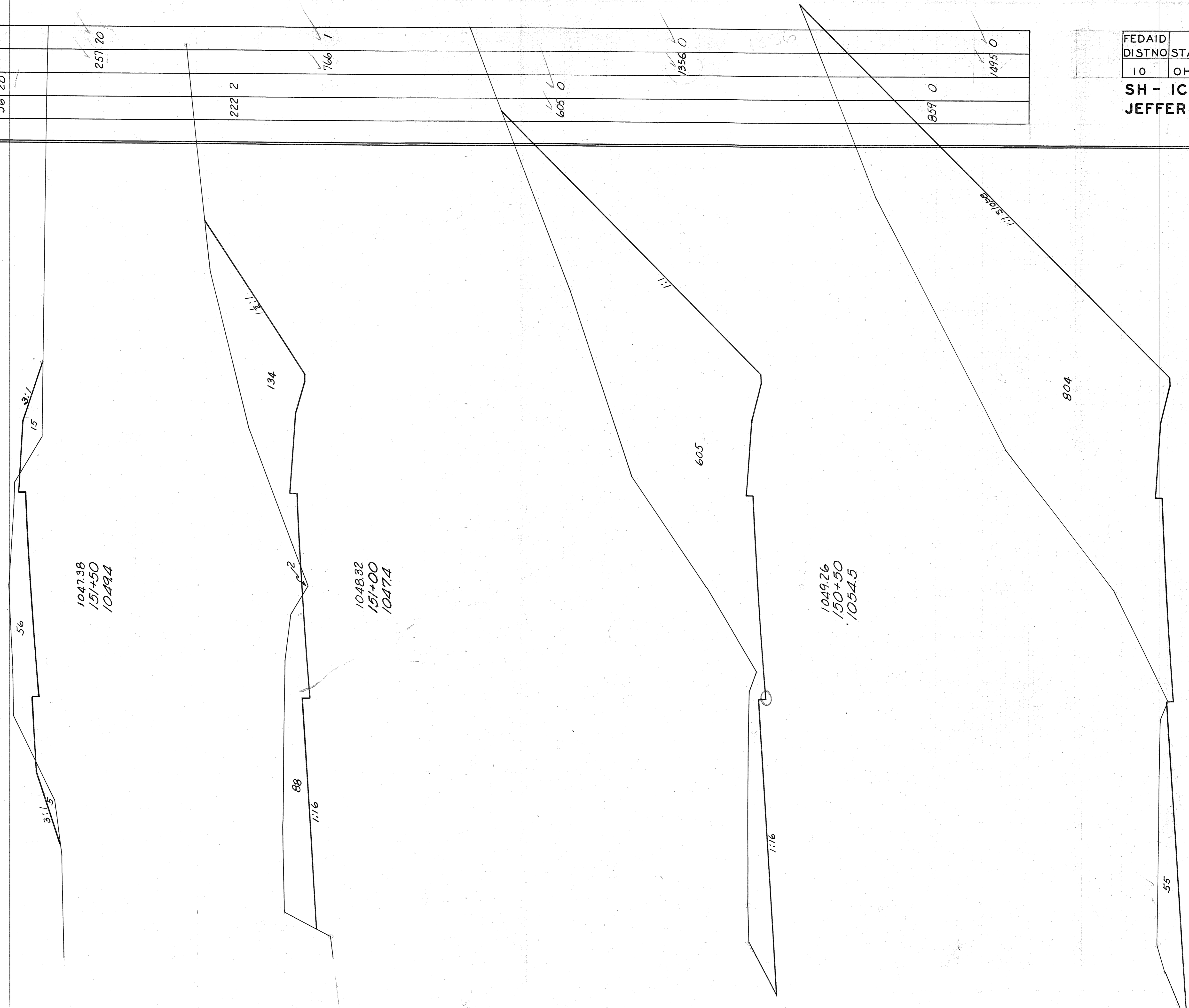
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END AREA	CO. YDS.
56	20
222	2
605	0
766	1
1356	0
839	0
1495	0

FEDAID DISTNO	STATE	FEDAID PROJ	FISCAL YEAR
10	OHIO	NEH 547-D	1933

SH - ICH 75 SEC D - E
JEFFERSON COUNTY

54
85



150+0 TO 151+50

45 40 35 30 25 20 15 10 5 0 5 10 15 20 25

END AREA CU. YDS.
CUT FILL CUT FILL

30 25 20 15 10 5 0 5 10 15

FED AID DISTNO	STATE	FED AID PROJ	FISCAL YEAR
10	OHIO	NEH 547-D	1933

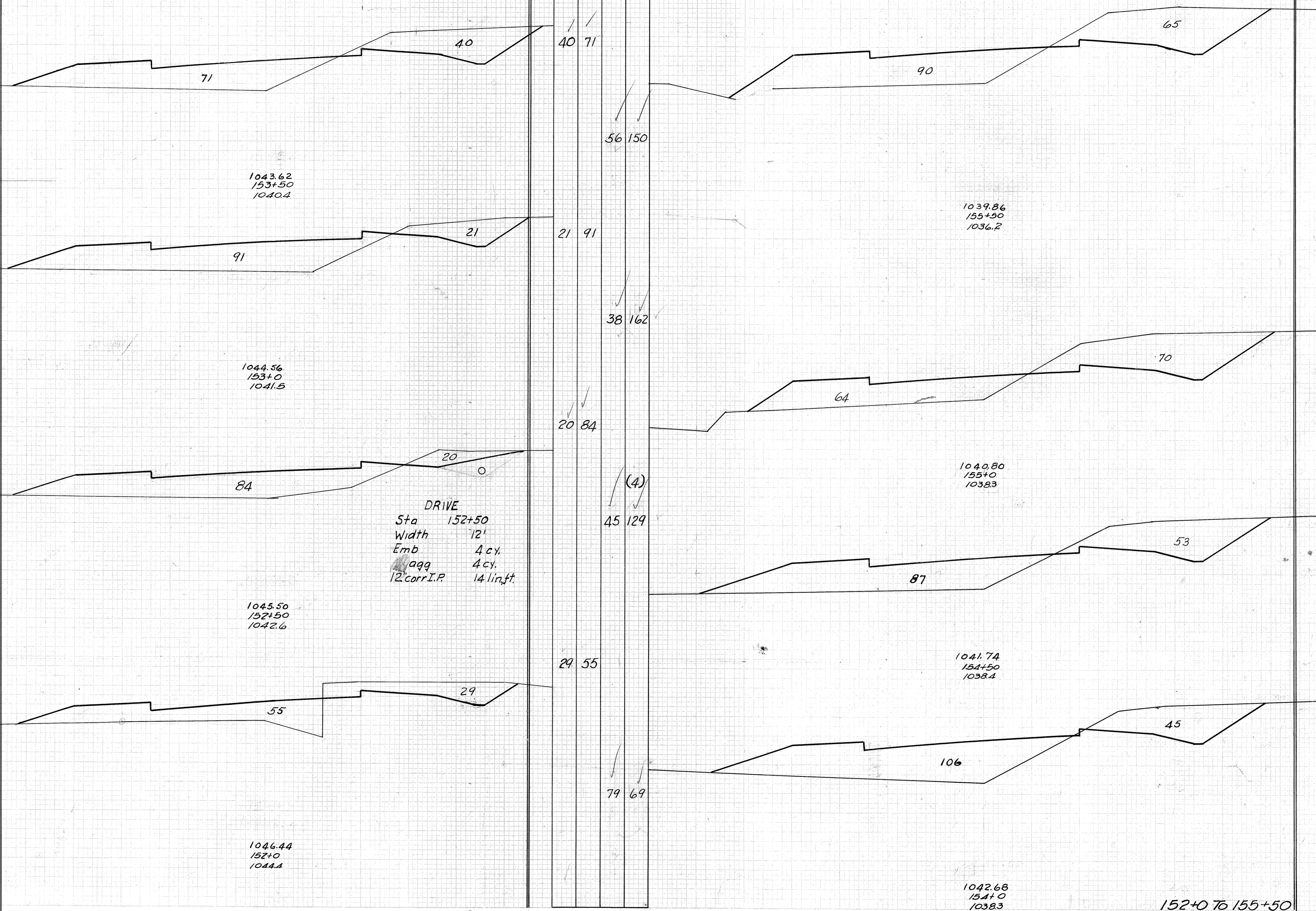
55
85

S.H. - ICH 75 SEC. D - E
JEFFERSON COUNTY

REVISIONS
NO. DATE BY

ORIGINAL SURVEY PLOTTED
DATE 8/20/33 BY J.E. STANBRO

END AREA CU. YDS.
CUT FILL CUT FILL



END AREA	CU. YDS.
CUT	FILL
40	71
21	91
20	84
45	129
29	55
79	69

END AREA	CU. YDS.
CUT	FILL
65	90
70	64
53	87
45	106
79	164

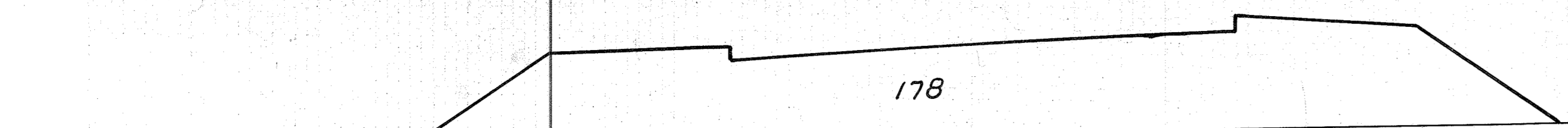
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30 25 20 15 10 5 4 5 10 15

FEDAID DISTNO	STATE	FEDAID PROJ	FISCAL YEAR
10	OHIO	NRH 547-D	1933

57
85

SH-1CH 75 SEC D-E
JEFFERSON COUNTY



END AREA	Cu. Yds.	
	CUT	FILL
0	178	
0	311	
0	158	
0	360	
87		
0	231	
90		
0	416	
46		
0	218	
21		
71		
0	360	
0	171	

178

1029.52
16140
10235

158

1030.46
160150
10266

231

1031.40
16040
10245

Channel Change

47

1024.08

1032.34
159150
10278

50

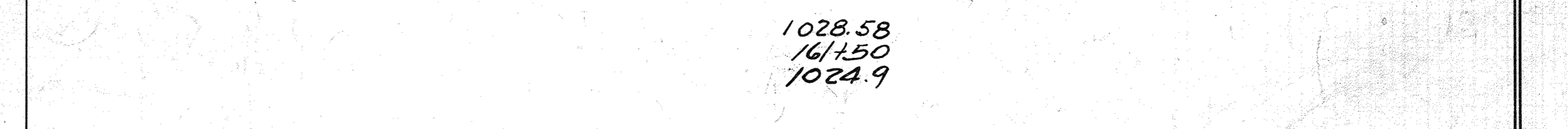
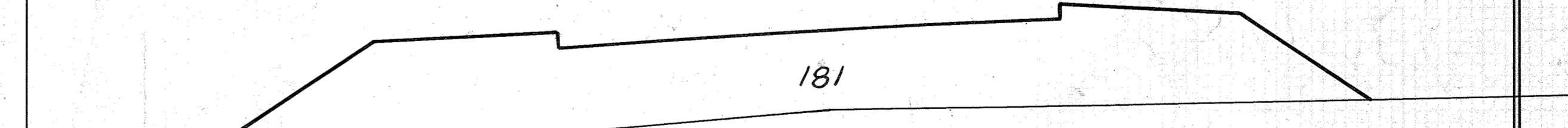
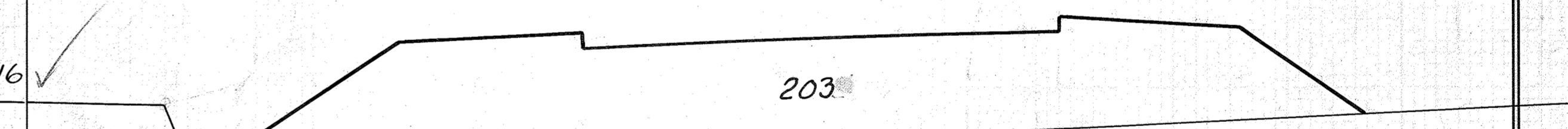
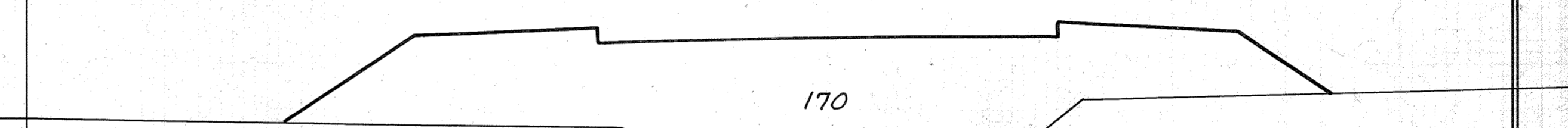
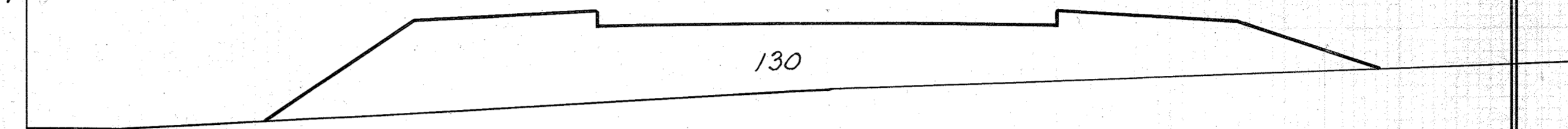
1025.11

CHANNEL
EXCAVATION
Cu Yds

17
1020.20

46
1021.2

21
1022.45



130

1025.76
16310
10223

170

1026.70
162150
1021.4

203

1027.64
16240
1022.7

181

1028.58
161150
1024.9

END AREA	Cu. Yds.	
	CUT	FILL
0	130	
0	277	
6		
0	170	
58		
0	203	
62		
0	356	
8		
0	181	
8		
0	332	

CHANNEL
EXCAVATION
Cu Yds

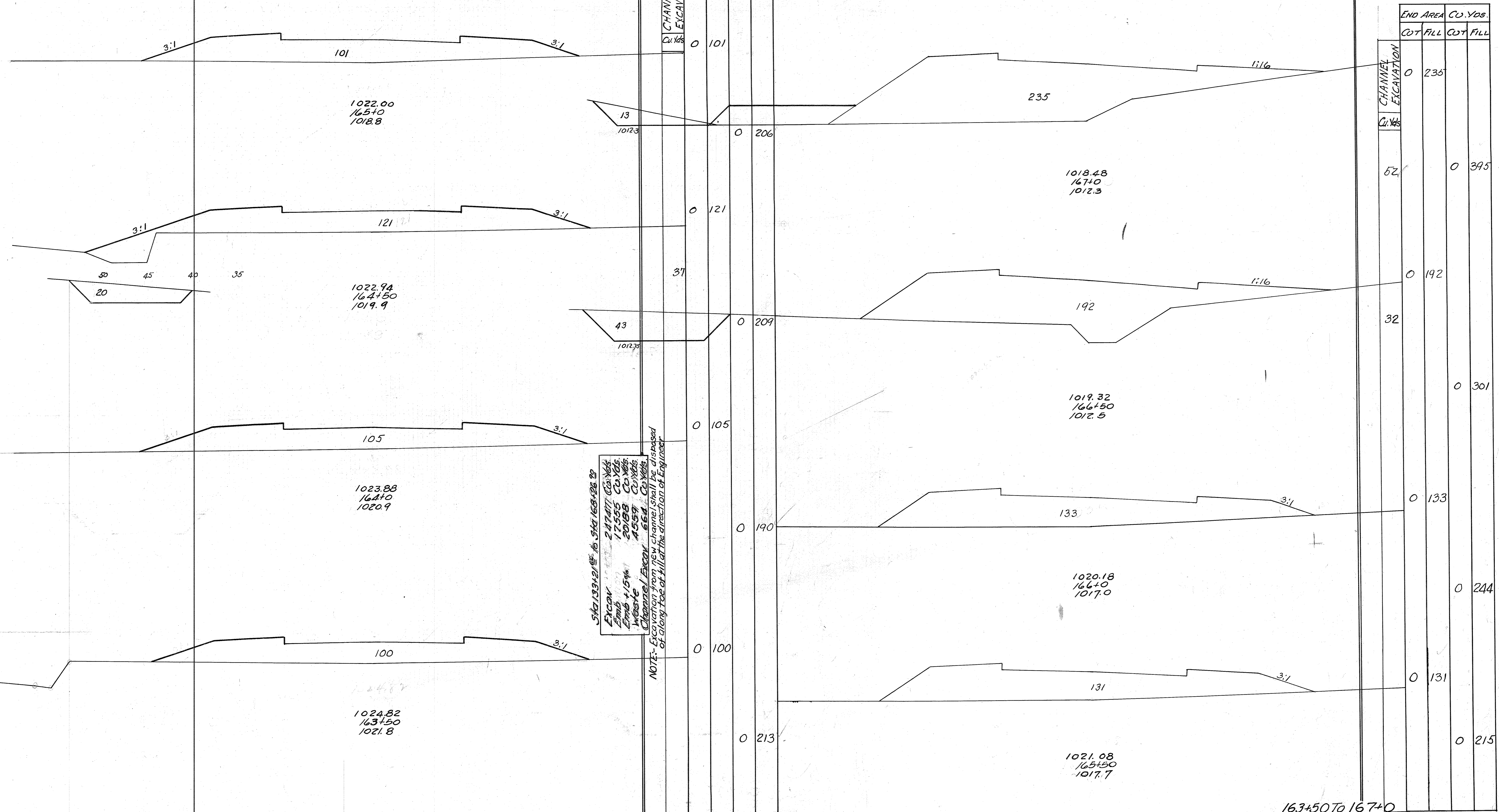
159+50 TO 163+0

35 30 25 20 15 10 5 4 5 10 15 20 25 30 30 25 20 15 10 5 4 5 10 15

FEDAID DISTNO	STATE	FEDAID PROJ	FISCAL YEAR
10	OHIO	NHW 547-D	1933

58
85

SH-ICH 75 SEC D-E
JEFFERSON COUNTY



END AREA	CU Yds		
CUT	FILL	CUT	FILL
0	235	0	395
52	0	0	192
32	0	0	301
0	133	0	244
0	131	0	215

163+50 To 167+0

35 30 25 20 15 10 5 0 5 10 15 20 25 30

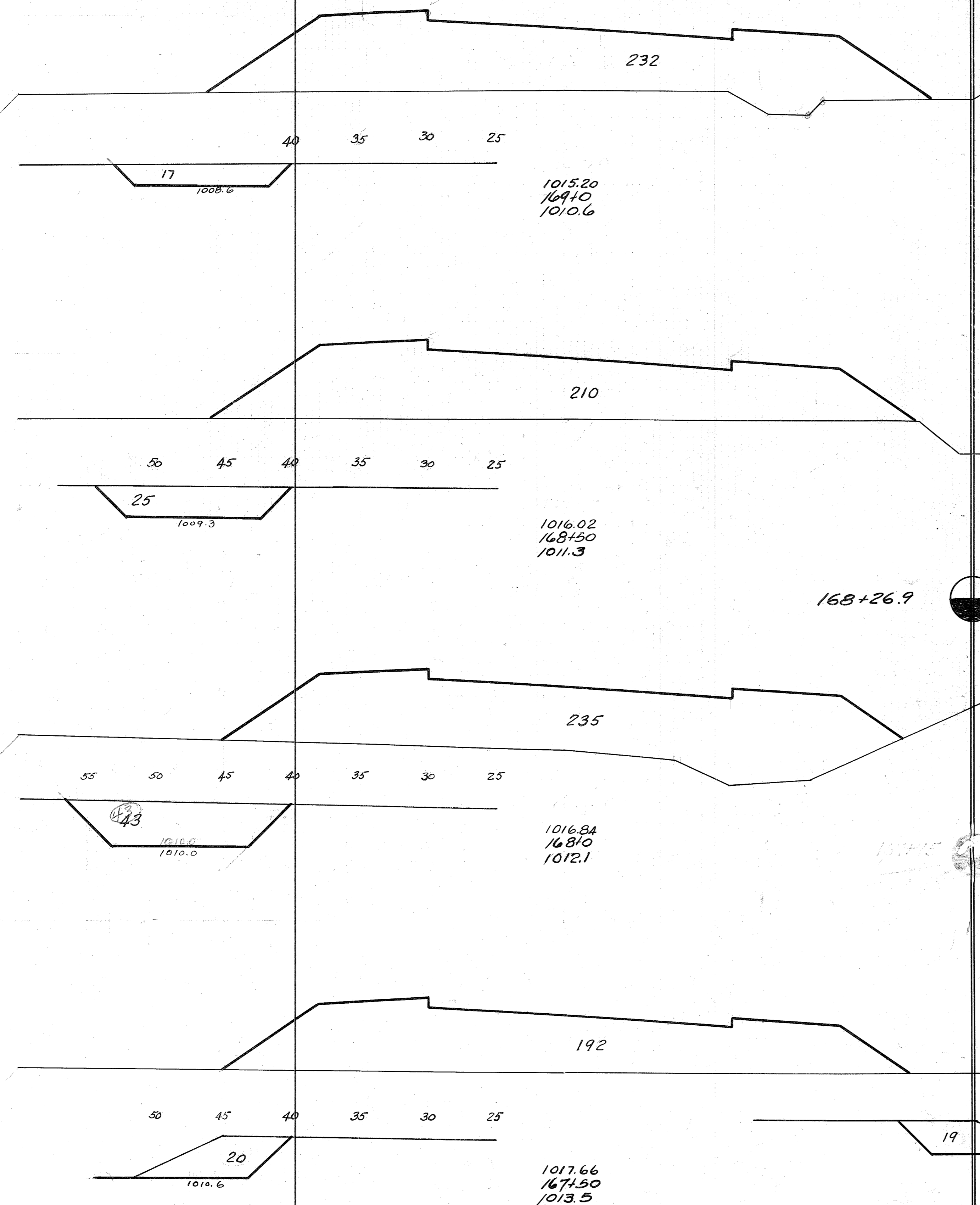
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FEDAID DISTNO	STATE	FEDAID PROJ	FISCAL YEAR
10	OHIO	NRH 347D	1933

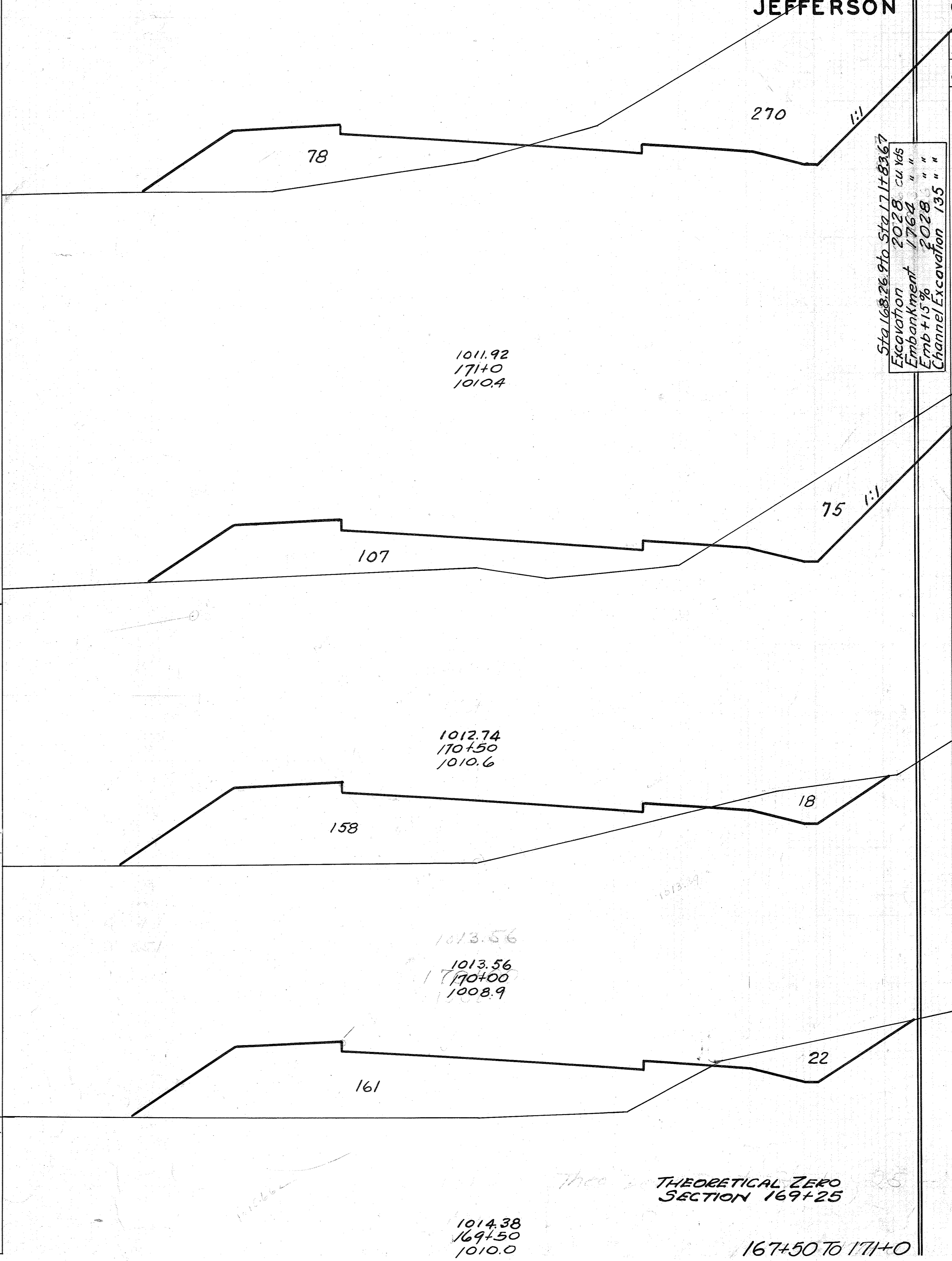
SH - ICH 75
JEFFERSON

SEC D - E
COUNTY

59
85



CHANNEL EXCAVATION	END AREA		Cu. Yds.	
	CUT	FILL	CUT	FILL
33	0	232		
39	0	409		
63	0	210		
63	0	191		
63	0	221		
63	0	235		
58	0	44		
58	0	395		
58	0	192		
9	0	395		



END AREA	Cu. Yds.	
	CUT	FILL
270	78	
270	171	
75	107	
86	245	
18	158	
37	295	
22	161	
10	364	

Sta 168+26.9 to Sta 171+83.67
Excavation 2028 cu yds
Embankment 1764 " " "
Embankment 2028 " " "
Channel Excavation 135 " " "

THEORETICAL ZERO SECTION 169+25

1014.38
169+50
1010.0

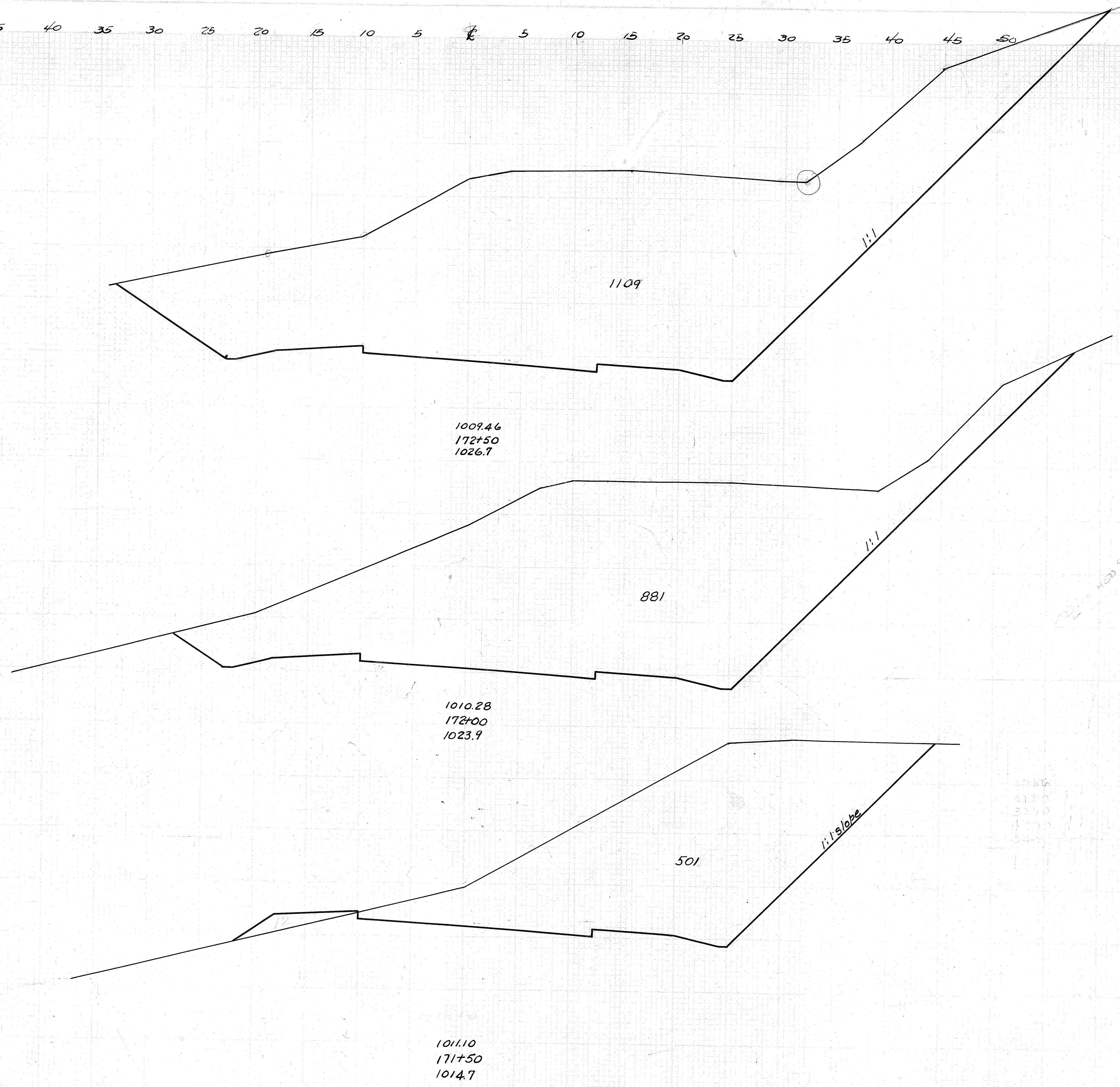
167+50 TO 171+0

50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50

FEDAID	FEDAID	FISCAL
DISTNO	STATE	PROJ YEAR
10	OHIO	NRH 547-D
		1933

60
85

SH-ICH 75 SEC D-E
JEFFERSON COUNTY



1009.46
172+50
1026.7

1010.28
172+00
1023.9

1011.10
171+50
1014.7

END AREA		Cu Yds.	
CUT	FILL	CUT	FILL
1109	0		
		1843	0
881	0		
		418	0
		862	0
501	12		
		714	83

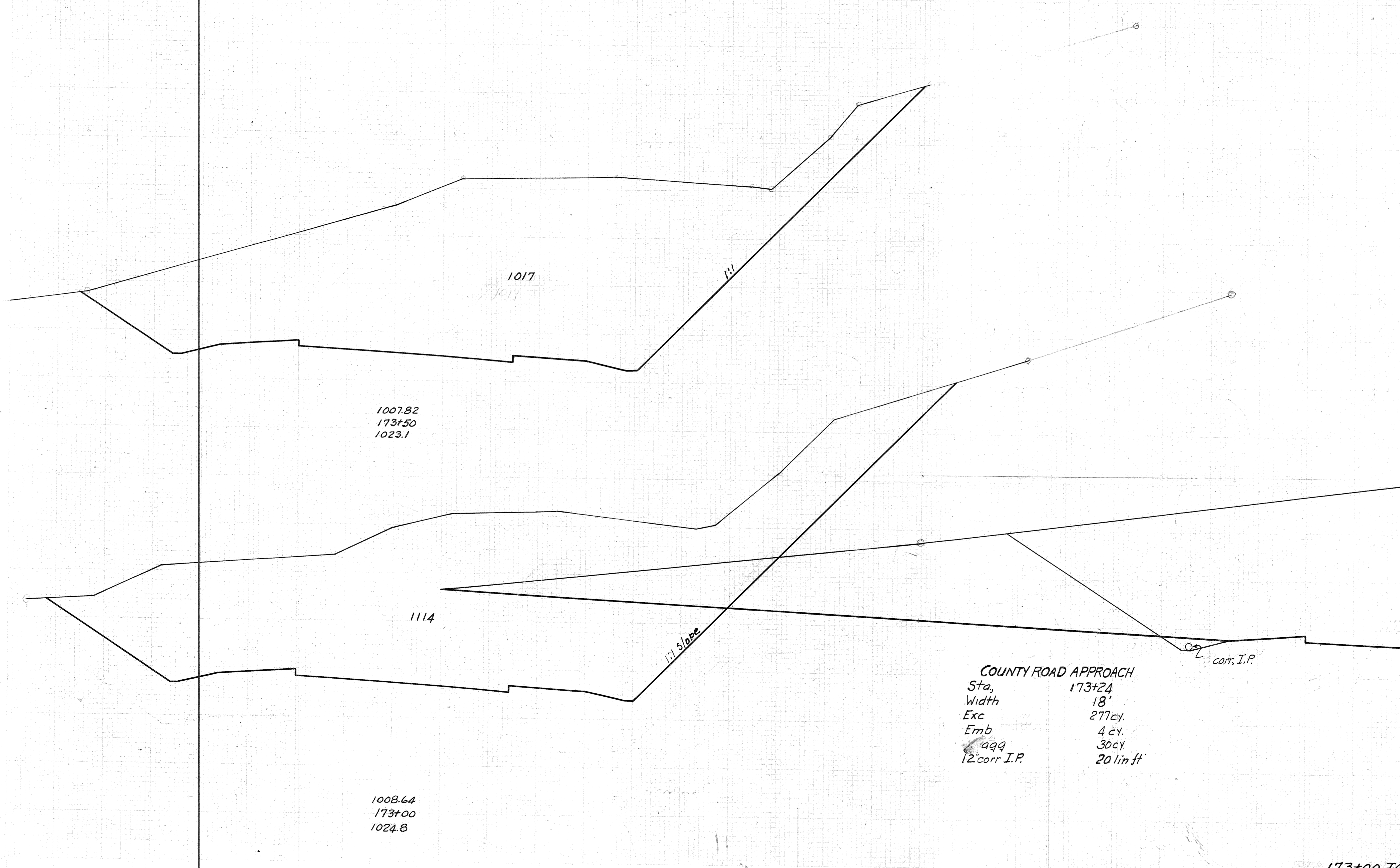
171+50 TO 172+50

35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50

FEDAID DISTNO	STATE	FEDAID PROJ	FISCAL YEAR	61 85
10	OHIO	1024 547-D	1933	

SH-ICH 75
JEFFERSON

SEC-DE
COUNTY



COUNTY ROAD APPROACH
 Sta. 173+24
 Width 18'
 Exc 277cy.
 Emb 4cy.
 agg 30cy.
 12" corr I.P. 20 lin ft

END AREA		Cu. Yds.	
CUT	FILL	CUT	FILL
1017	0		
		1973	0
1114	0		
		(277)	(4)
		2058	0

173+00 TO 173+50

35 30 25 20 15 10 5 0 5 10 15 20 25 30

30 25 20 15 10 5 0 5 10 15

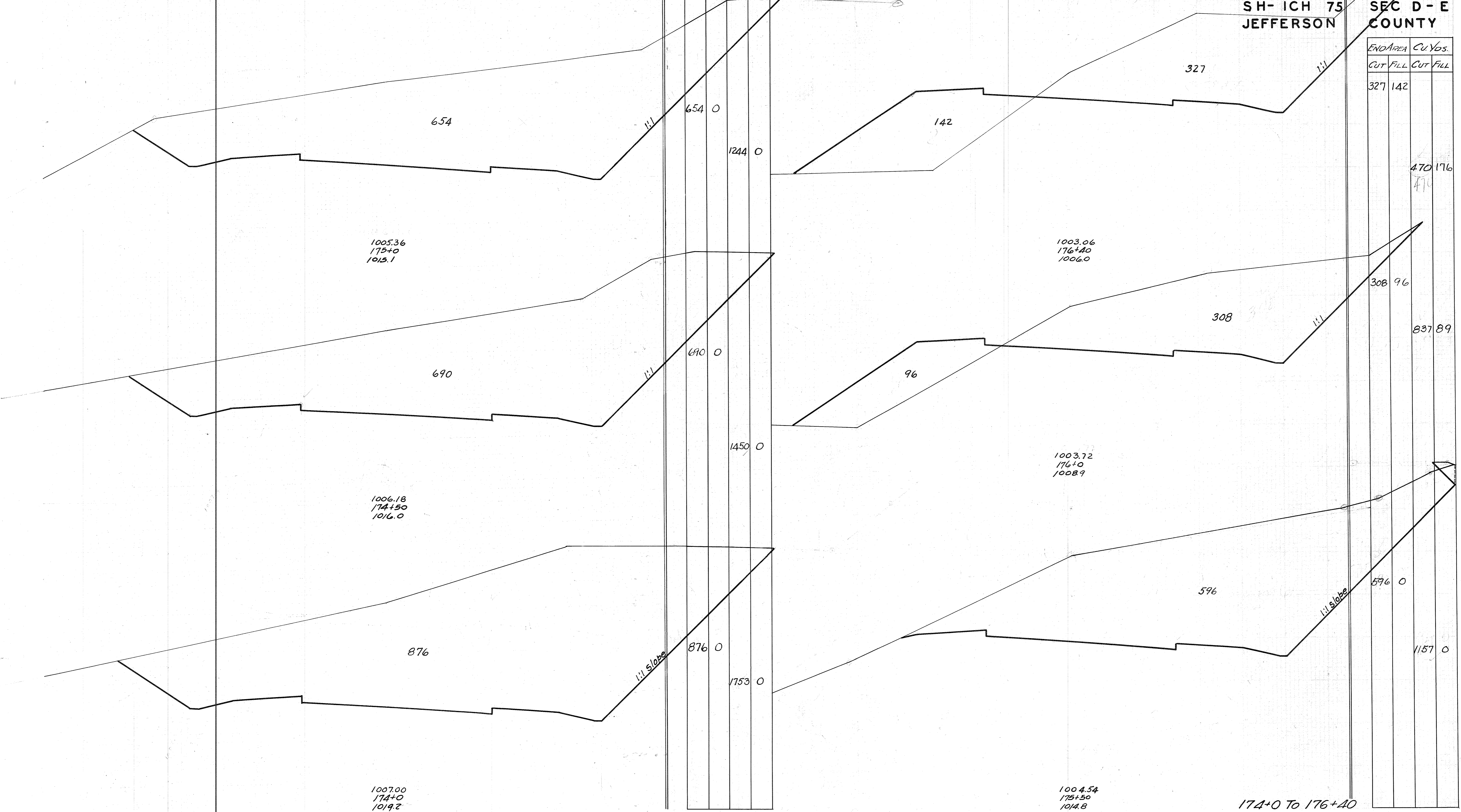
FEDAID DISTNO	STATE	FEDAID PROJ	FISCAL YEAR
10	OHIO	100H 547-D	1933

62
85

SH- ICH 75
JEFFERSON SEC D - E
COUNTY

END AREA		Cu. Yds.	
CUT	FILL	CUT	FILL
654	0	1244	0
690	0	1450	0
876	0	1753	0

END AREA		Cu. Yds.	
CUT	FILL	CUT	FILL
327	142		
308	96		
596	0		



1005.36
175+0
1015.1

1006.18
174+50
1016.0

1007.00
174+0
1019.2

1003.06
176+40
1006.0

1003.72
176+0
1008.9

1004.54
175+50
1014.8

174+0 To 176+40

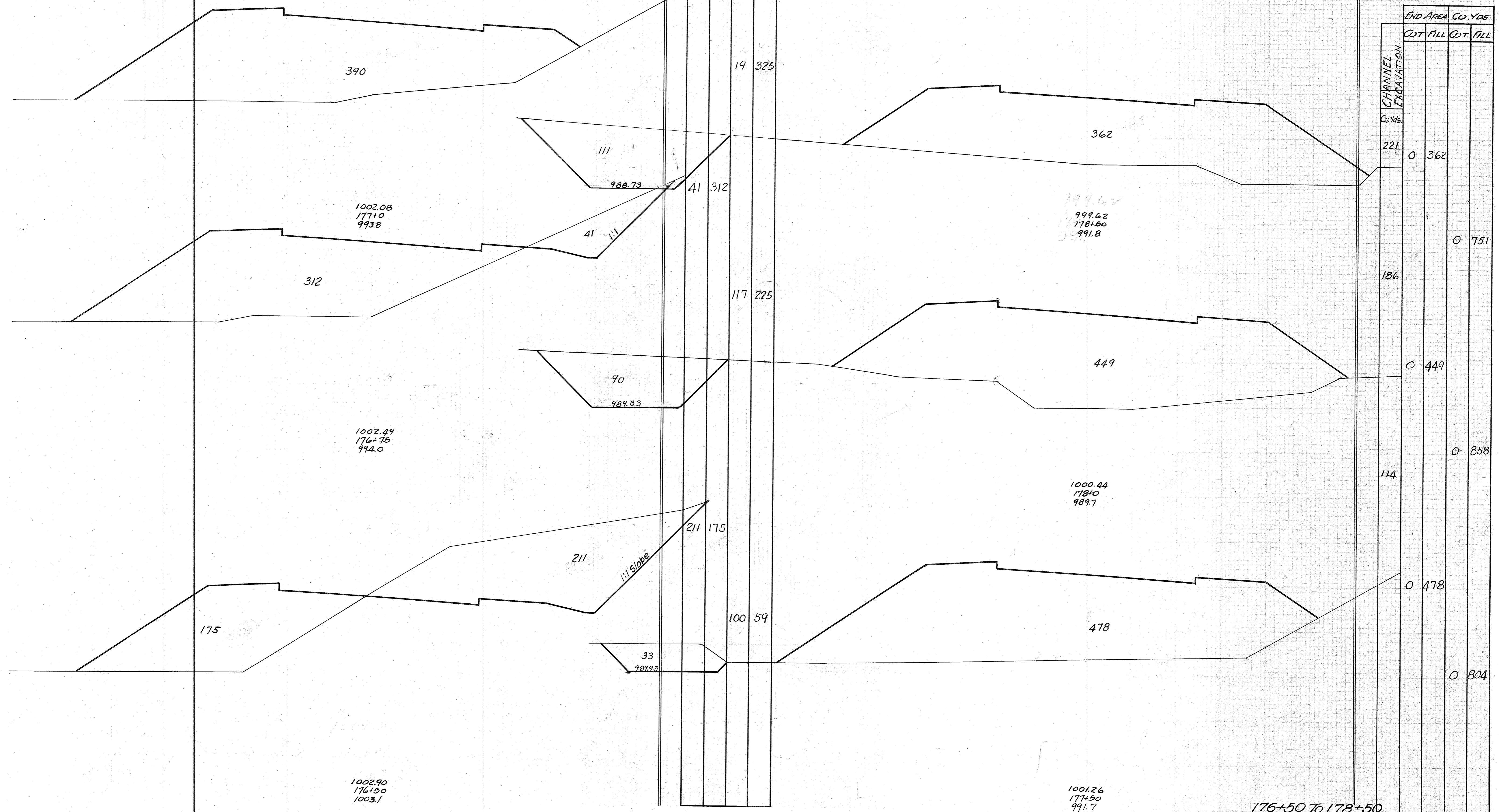
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30 25 20 15 10 5 0 5 10 15

FEDAID DISTNO	STATE	FEDAID PROJ	FISCAL YEAR	6.3 85
10	OHIO	NRH 527-D	1933	
SH - ICH JEFFERSON		75	SEC D - E COUNTY	

END AREA		Cu. Yds.	
CUT	FILL	CUT	FILL
0	390	19	325
41	312	117	275
211	175	100	59

CHANNEL EXCAVATION Cu. Yds.	END AREA		Cu. Yds.	
	CUT	FILL	CUT	FILL
221	0	362	0	751
186	0	449	0	858
114	0	478	0	804



390

312

175

1002.08
177+0
993.8

1002.49
176+75
994.0

1002.90
176+50
1003.1

111

41

211

33

1:1 Slope

988.73

989.33

989.23

362

999.62
178+50
991.8

449

1000.44
178+0
989.7

478

1001.26
177+50
991.7

176+50 To 178+50

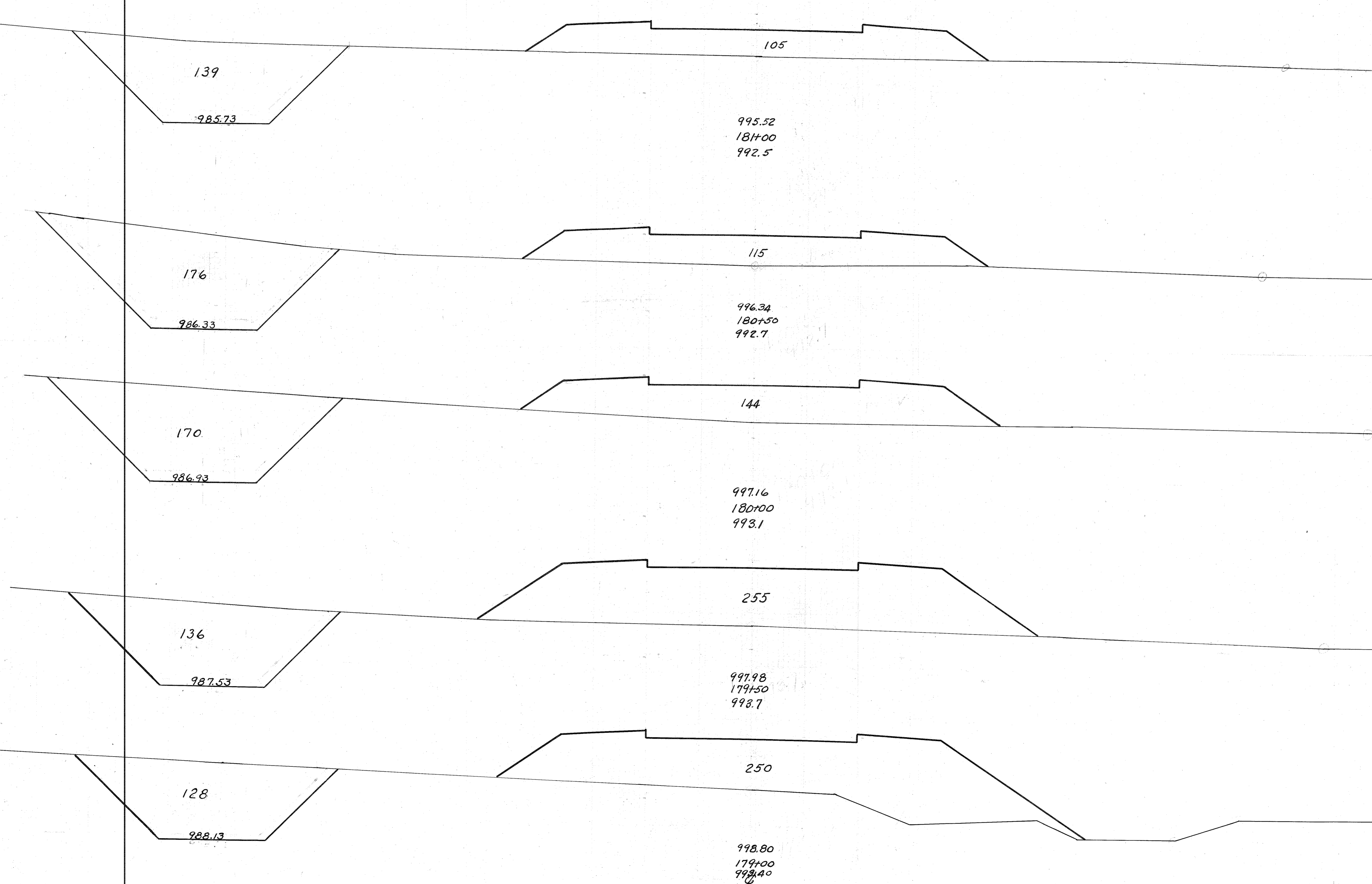
Q.B.

223

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 55

FED AID DIST NO	STATE	FED AID PROJ	FISCAL YEAR	(64 85)
10	OHIO	NDH 547-D	1933	
S.H. 75 JEFFERSON		SEC. D-E COUNTY		

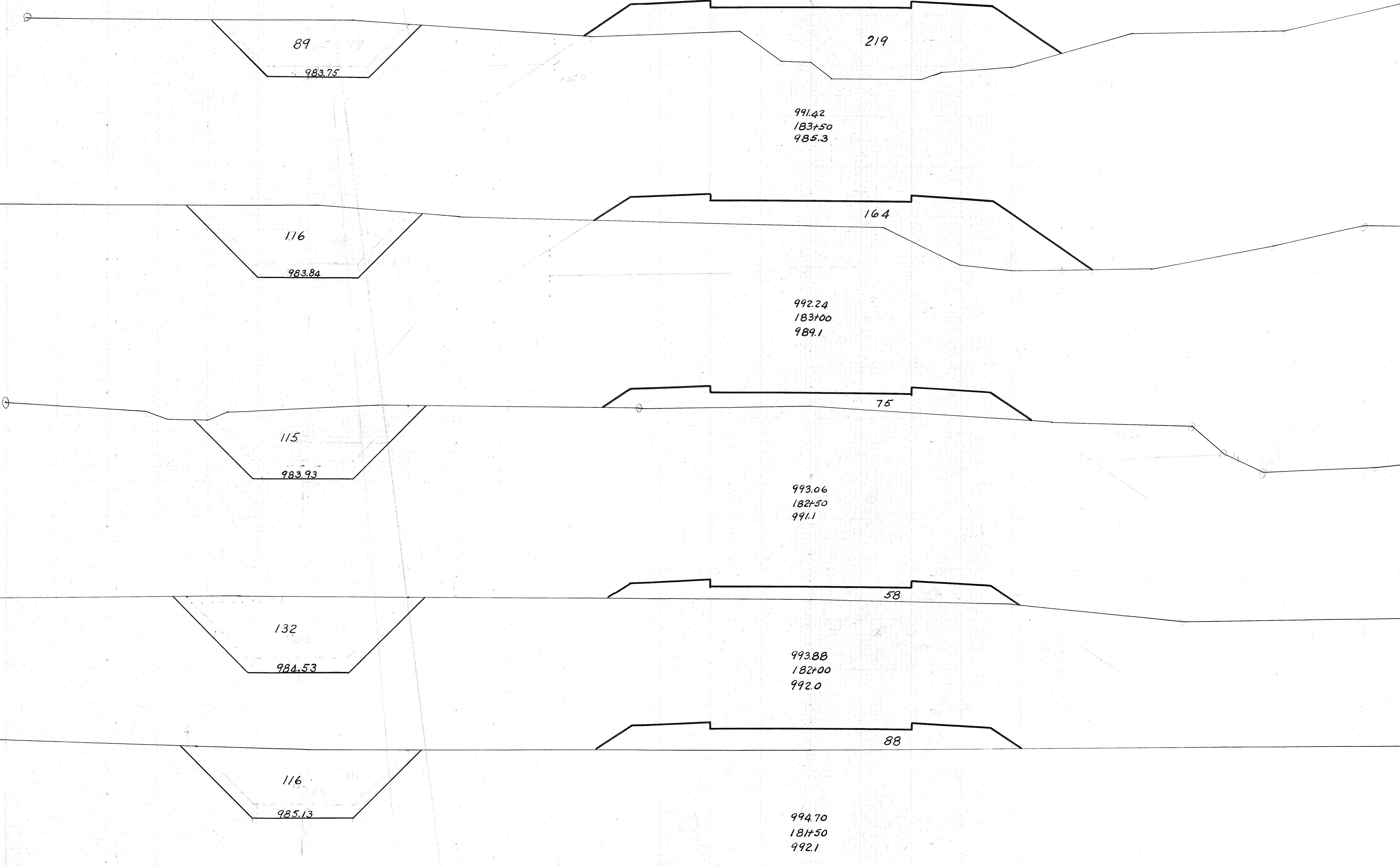
CHANNEL EXCAVATION Cu Yds	END AREA		Cu. Yds	
	CUT	FILL	CUT	FILL
236	0	105		
292			0	204
320			0	240
283	0	144		
244			0	369
	0	255		
			0	468
	0	250		
			0	567



179+0 TO 181+0

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 55

FED AID DIST. NO.	STATE	FED AID PROJ	FISCAL YEAR	(65 85)
10	OHIO	NRH 347-D	1933	
S.H. 75 JEFFERSON			SEC. D-E. COUNTY	

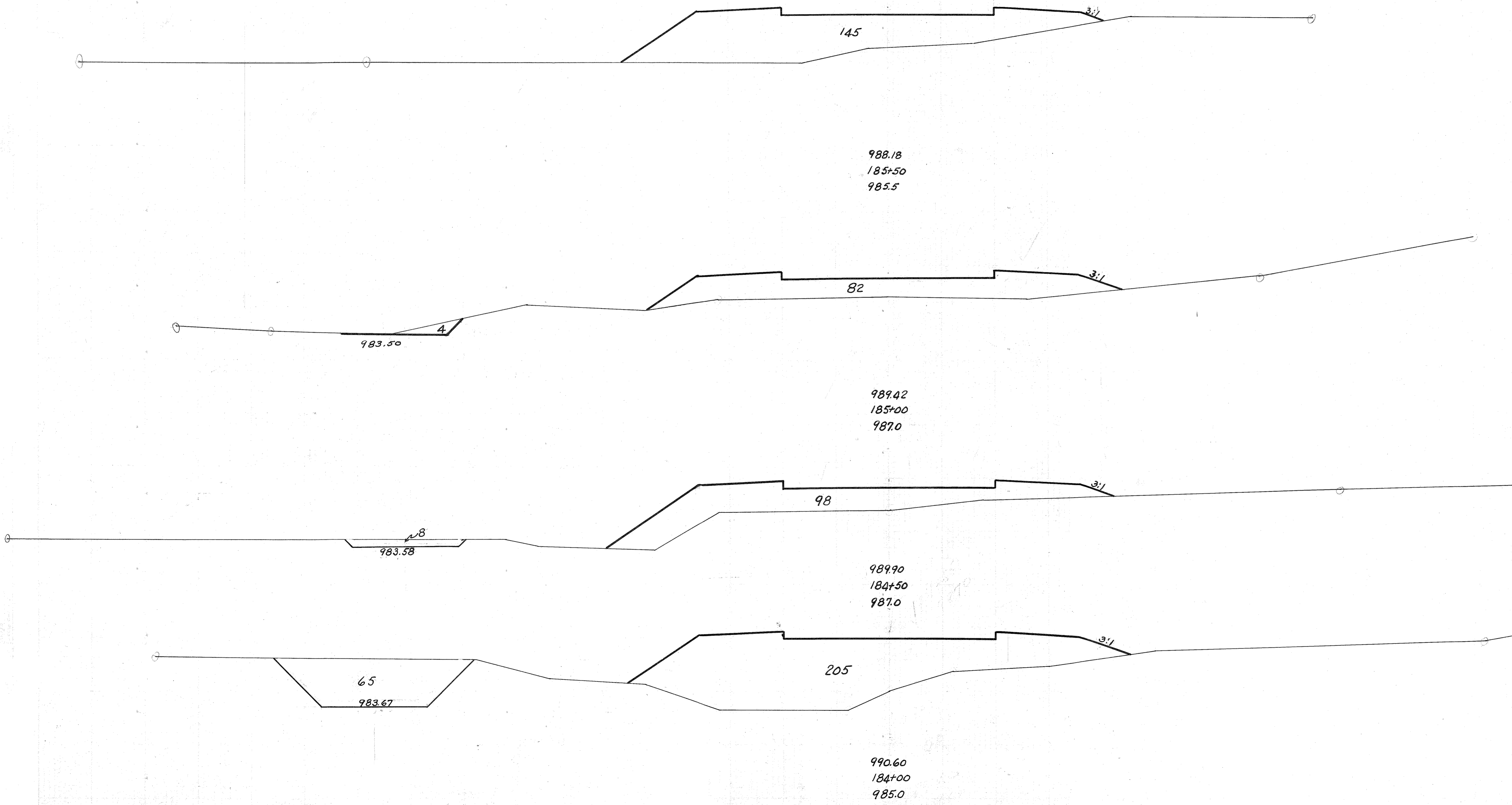


CHANNEL EXCAVATION Cu.Yds	END AREA		Cu.Yds	
	CUT	FILL	CUT	FILL
0	219	0	355	
190	0	164	0	221
214	0	75	0	123
229	0	58	0	135
230	0	88	0	179

181+50 TO 183+50

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 55

FED AID DIST NO	STATE	FED AID PROJ	FISCAL YEAR	66 85
10	OHIO	341-D	1933	
S.H. 75 JEFFERSON		SEC. D-E COUNTY		



CHANNEL EXCAVATION	END AREA		CU YDS	
	CUT	FILL	CUT	FILL
0	145	0	210	
0	82	0	167	
0	98	0	281	
0	205	0	393	

Sta 171+83 to Sta 190+61.0
 Excavation 13716 cu yds
 Embankment 11927 " "
 Emb + 15% 13716 " "
 Channel Excavation 9011 " "

184+0 To 185+50

35 30 25 20 15 10 5 0 5 10 15 20 25 30

30 25 20 15 10 5 0 5 10 15

FED AID DIST NO	STATE	FED AID PROJ. NBR	FISCAL YEAR
10	OHIO	547-D	1933

67
85

S.H. 75 JEFFERSON COUNTY. SEC. D-E

DRIVE
Sta 188+00
Width 8'
Emb 154 cy
agg 14 cy

Note: 12' Span slab bridge at Sta. 187+50.
No yardage calculated between Sta's 187+42 & 187+58 but cross section at 187+50 was used for computation purposes.

Channel excav. for bridge to be placed in old channel.

30 Cu Yds

END AREA	CU YDS	END AREA	CU YDS
CUT	FILL	CUT	FILL
		(154)	
0	174		
0	249		
0	146		
0	259		
0	134		
0	274		
0	162		
0	284		

END AREA	CU YDS	END AREA	CU YDS
CUT	FILL	CUT	FILL
0	340		
		0	610
0	319		
		0	564
0	290		
		0	480
0	228		
		0	313

989.53
188+00
984.2

174

989.43
187+50
985.2

146

989.33
187+00
985.7

134

989.26
186+50
986.2

162

989.16
186+00
983.1

(154)

0 174

0 249

0 146

0 259

0 134

0 274

0 162

0 284

340

989.83
189+50
982.0

0 340

0 610

319

0 319

989.73
189+00
982.6

0 564

290

0 290

989.63
188+50
982.9

0 480

228

0 228

989.53
188+00
984.2

0 313

186+0 To 189+50

35 30 25 20 15 10 5 0 5 10

FEDAID	STATE	FEDAID	FISCAL
DIST NO		PROJ	YEAR
10	OHIO	NRH 547-D	1933

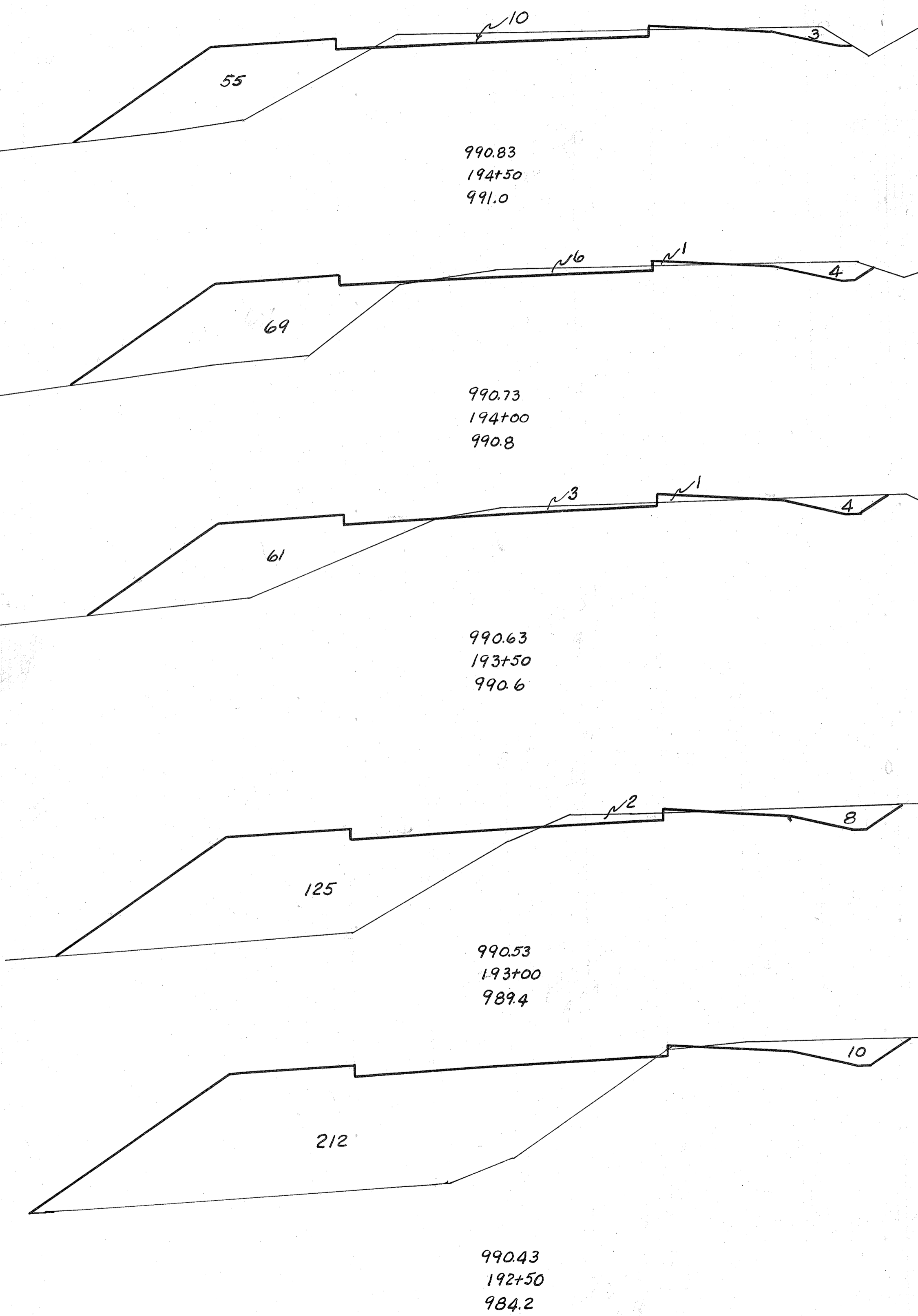
68
85

S.H. 75 SEC.
JEFFERSON

D-E
COUNTY.

END AREA		CU. YDS.	
CUT	FILL	CUT	FILL
10	284		
		15	505
6	261		
		2	566
0	350		
0	537		
0	146		
0	388		
		0	715
0	384		
		0	670

END AREA		CU. YDS.	
CUT	FILL	CUT	FILL
13	55		
		21	116
10	70		
		16	122
7	62		
		16	173
10	125		
		19	312
10	212		
		19	459



190+0 TO 194+50

40 35 30 25 20 15 10 5 4 5 10 15 20 25 30 35 30 25 20 15 10 5 4 5 10 15

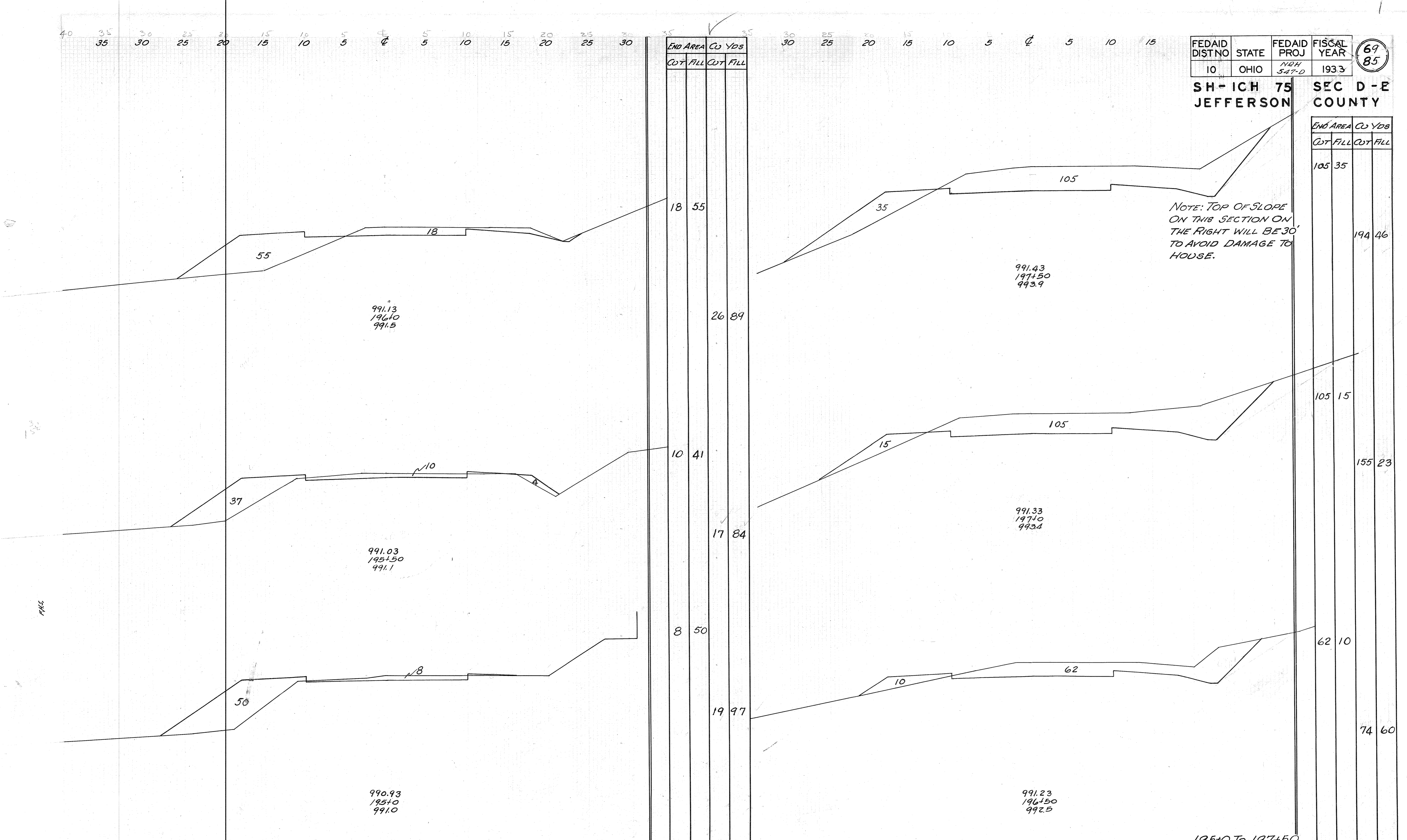
FEDAID DIST NO	STATE	FEDAID PROJ	FISCAL YEAR
10	OHIO	NDH 547-D	1933

69
85

SH-ICH 75 SEC D-E
JEFFERSON COUNTY

END AREA		CU YDS	
CUT	FILL	CUT	FILL
18	55	26	89
10	41	17	84
8	50	19	97

END AREA		CU YDS	
CUT	FILL	CUT	FILL
105	35	194	46
105	15	155	23
62	10	74	60



NOTE: TOP OF SLOPE ON THIS SECTION ON THE RIGHT WILL BE 30' TO AVOID DAMAGE TO HOUSE.

195+0 To 197+50

35

30

25

20

15

10

5

0

5

10

15

20

25

30

30

25

20

15

10

5

0

5

10

15

FEDAID DIST NO	STATE	FEDAID PROJ	FISCAL YEAR
10	OHIO	NH 547-D	1933

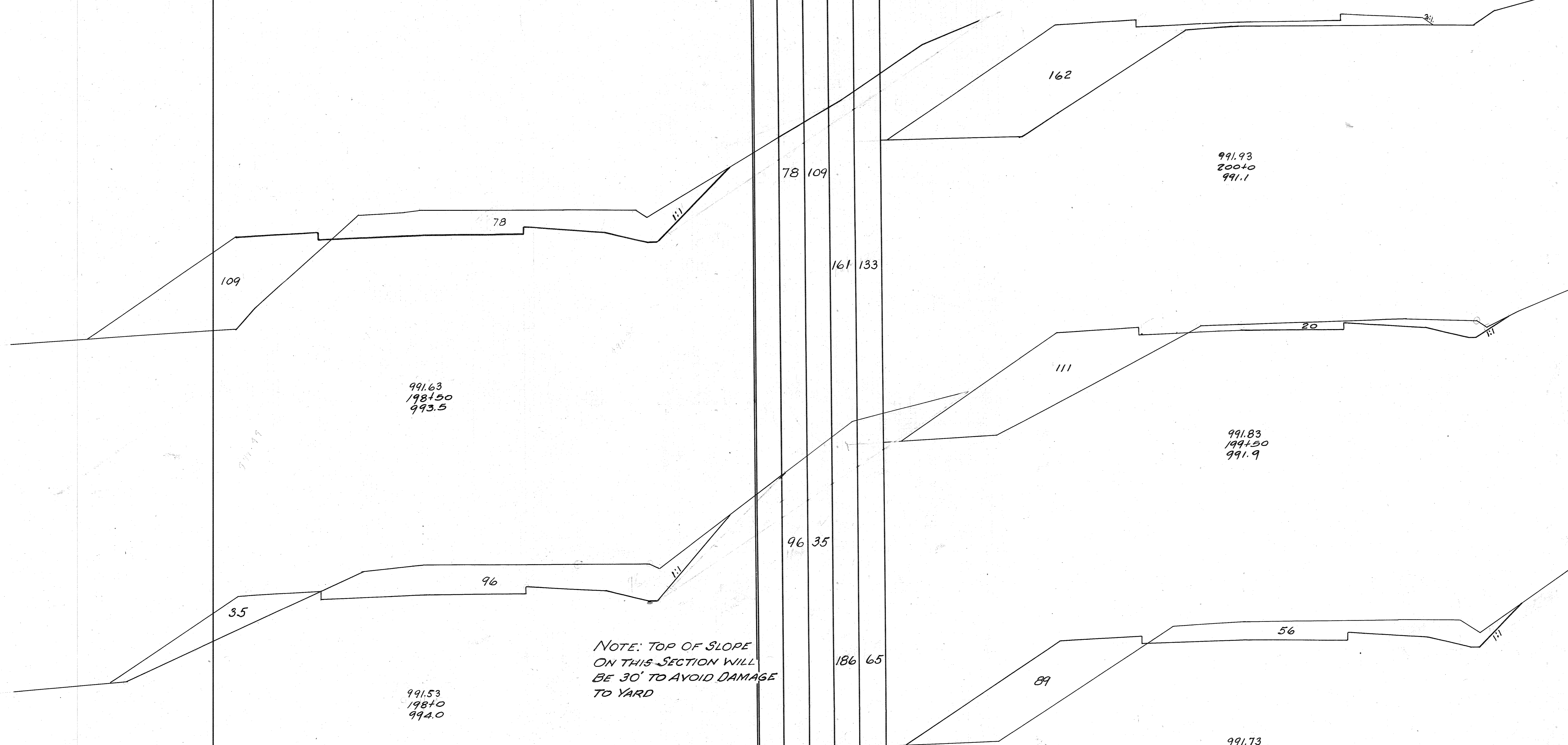
70
85

SH - ICH 75
JEFFERSON

SEC D - E
COUNTY

END AREA		CU. YDS.	
CUT	FILL	CUT	FILL
78	109		
		161	133
96	35		
		186	65

END AREA		CU. YDS.	
CUT	FILL	CUT	FILL
0	162		
		19	253
20	111		
		70	185
56	89		
		124	183



991.63
198+50
993.5

991.53
198+0
994.0

991.93
200+0
991.1

991.83
199+50
991.9

991.73
199+0
992.9

NOTE: TOP OF SLOPE
ON THIS SECTION WILL
BE 30' TO AVOID DAMAGE
TO YARD

198+0 TO 200+0

FMS

30 25 20 15 10 5 0 5 10 15 20 25 30 35

30 25 20 15 10 5 0 5 10 15

FEDAID DIST NO	STATE	FEDAID PROJ	FISCAL YEAR
10	OHIO	NDH 547-D	1933

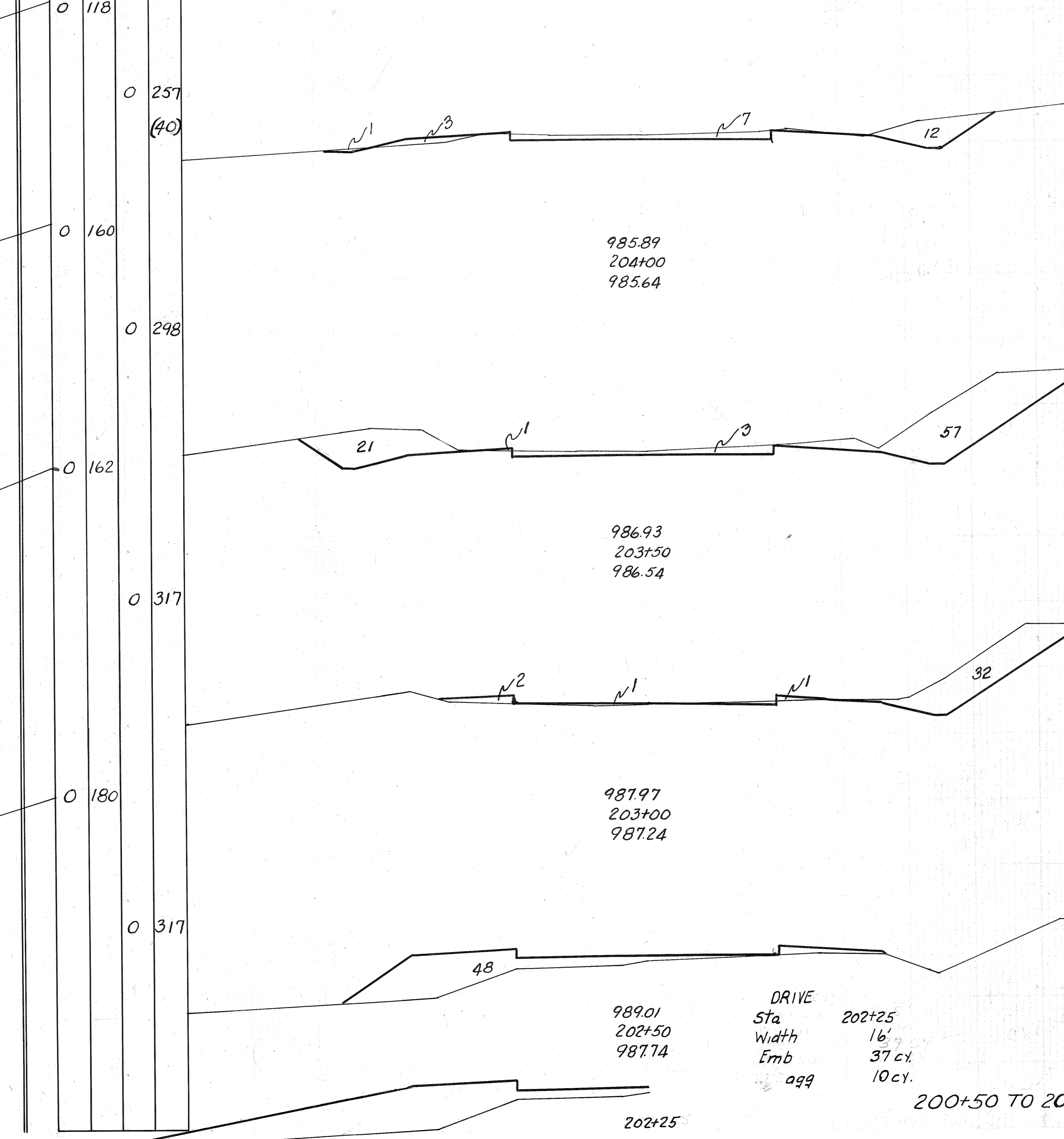
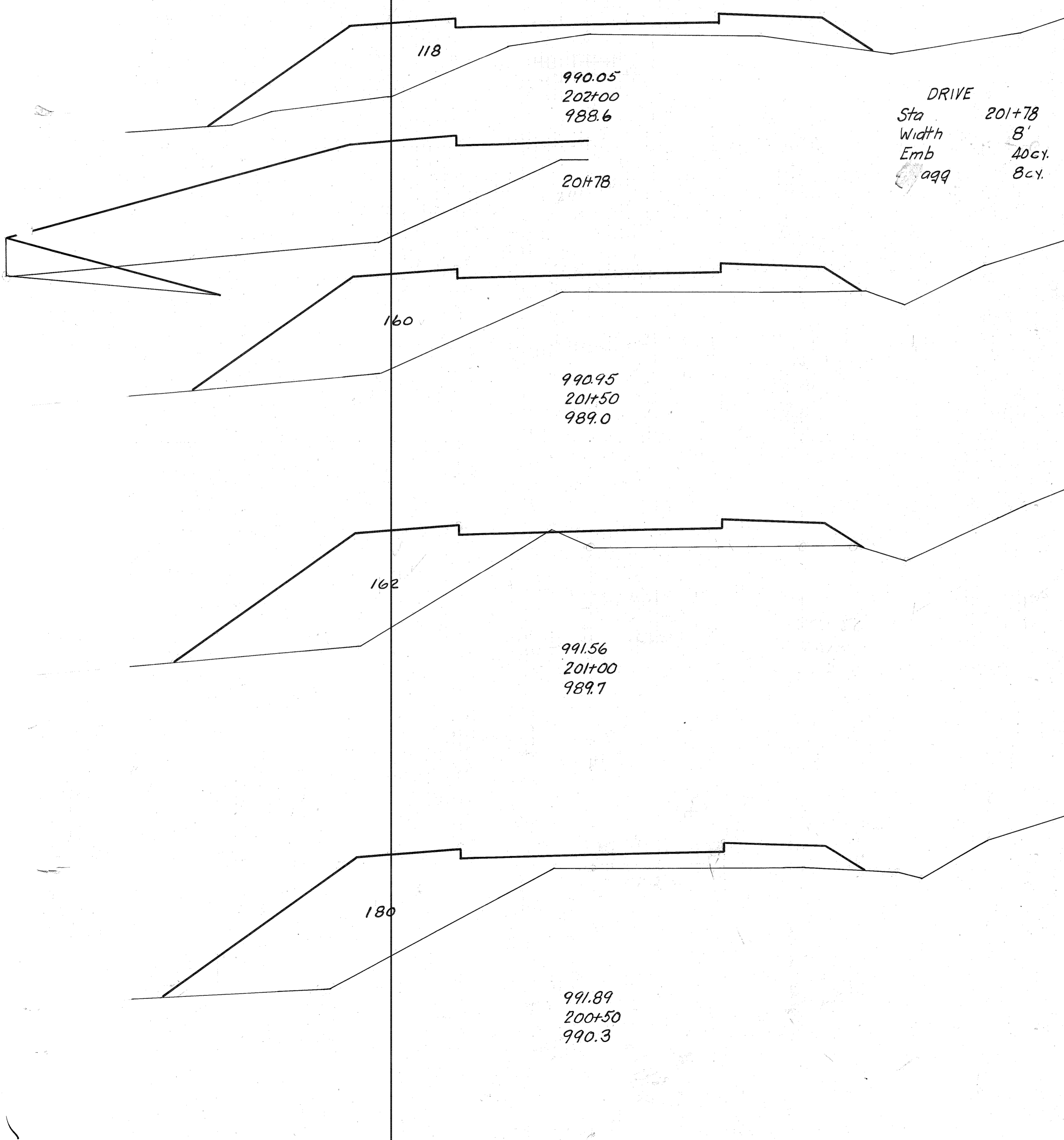
71
85

SH-ICH 75
JEFFERSON

SEC - DE
COUNTY

END AREA		CU Yds	
CUT	FILL	CUT	FILL
0	118		
0	257		
	(40)		
0	160		
0	298		
0	162		
0	317		
0	180		
0	317		

END AREA		CU Yds	
CUT	FILL	CUT	FILL
		20	3
			94
			4
		81	1
			106
			5
		33	4
			31
			48
		0	48
			(37)
		0	154



200+50 TO 204+00

202+25

35 30 25 20 15 10 5 0 5 10 15 20 25 30

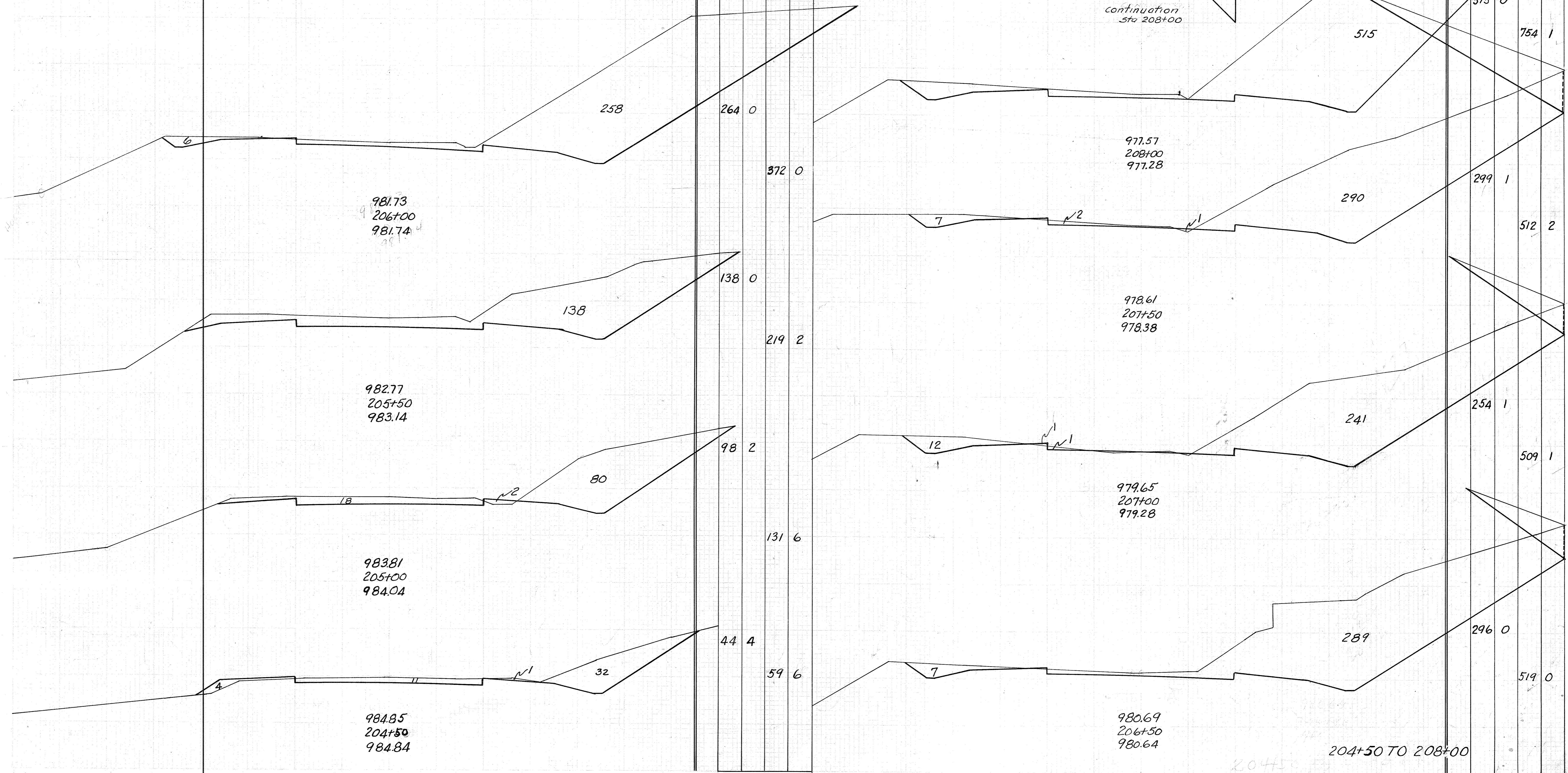
30 25 20 15 10 5 0 5 10 15

END AREA		CU. YDS.	
CUT	FILL	CUT	FILL

FED AID DIST NO	STATE	FED AID PROJ	FISCAL YEAR	72 85
10	OHIO	1194 517-0	1933	

SH-ICH 75 SEC - DE
JEFFERSON COUNTY

END AREA		CU. YDS.	
CUT	FILL	CUT	FILL



981.73
206+00
981.74

982.77
205+50
983.14

983.81
205+00
984.04

984.85
204+50
984.84

977.57
208+00
977.28

978.61
207+50
978.38

979.65
207+00
979.28

980.69
206+50
980.64

515 0
754 1

299 1
512 2

254 1
509 1

296 0
519 0

204+50 TO 208+00

35 30 25 20 15 10 5 0 5 10 15 20 25 30

30 25 20 15 10 5 0 5 10 15

FED AID DIST NO	STATE	FED AID PROJ	FISCAL YEAR
10	OHIO	NEH 547-D	1933

73
85

SH-ICH 75 SEC-DE
JEFFERSON COUNTY

Erod Area		Cu. Yds.	
Cut	Fill	Cut	Fill
24	3		
		52	11
32	9		
		224	10
210	2		
		671	2

Erod Area		Cu. Yds.	
Cut	Fill	Cut	Fill
99	7		
		137	10
49	4		
		82	6
40	3		
		59	6

974.78
209+50
974.98

975.64
209+00
975.68

976.57
208+50
976.48

972.64
211+00
972.89

973.28
210+50
973.49

973.99
210+00
974.18

208+50 TO 211+00

CENTRAL SURVEY

35 30 25 20 15 10 5 0 5 10 15 20 25 30

30 25 20 15 10 5 0 5 10 15

FED AID DISTNO	STATE	FED AID PROJ	FISCAL YEAR
10	OHIO	NEH 547-D	1933

74
85

SH-ICH75 SEC-DE
JEFFERSON COUNTY

END AREA	CU Yds
CUT	FILL
184	1
204	12
36	12
101	21
73	11
159	17

END AREA	CU Yds
CUT	FILL
12	20
41	21
32	3
71	6
45	3
104	6
67	3
232	4

971.15
212+50
971.49

971.57
212+00
972.09

972.07
211+50
972.49

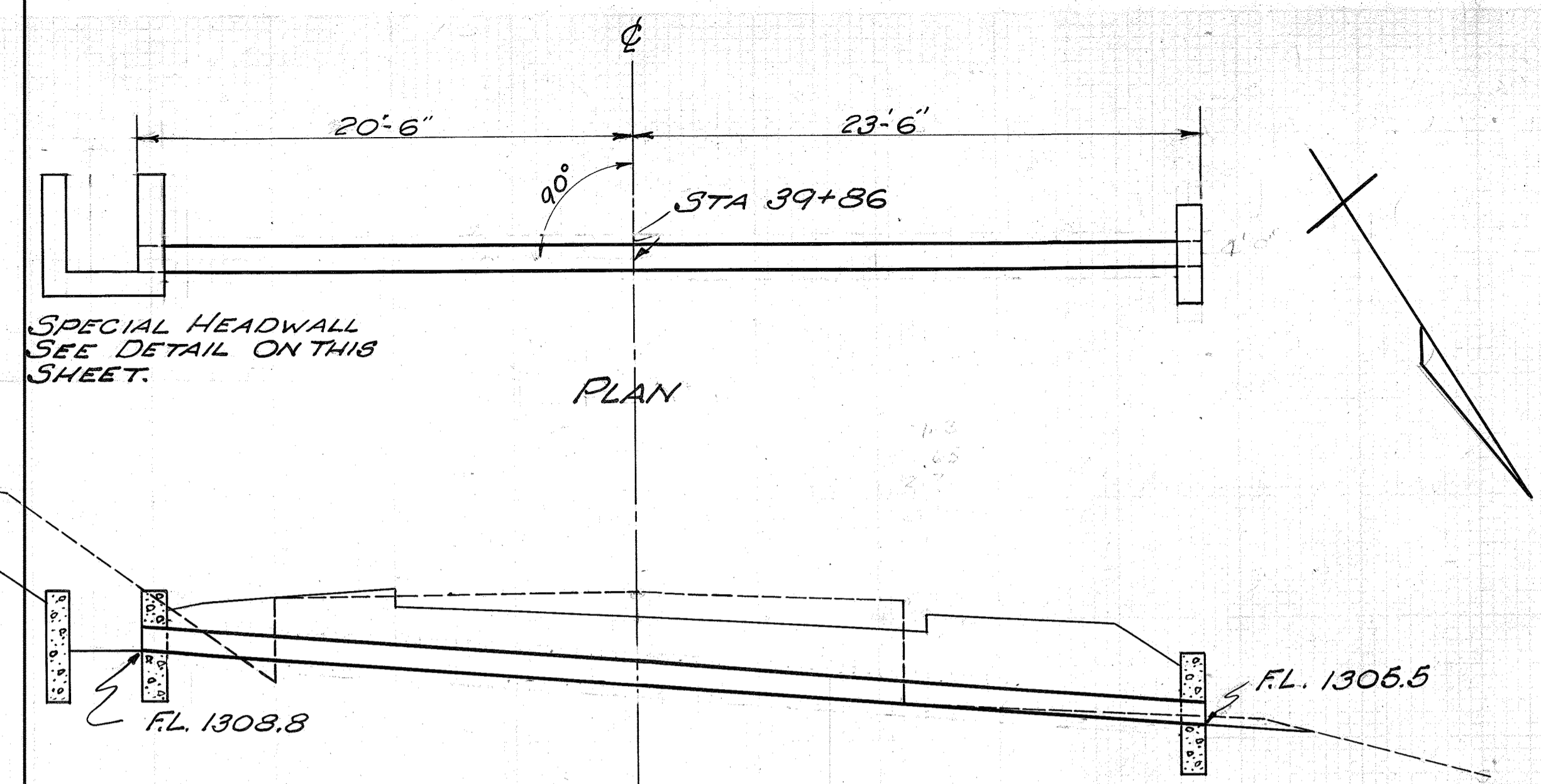
970.18
214+50
970.42

970.31
214+00
970.52

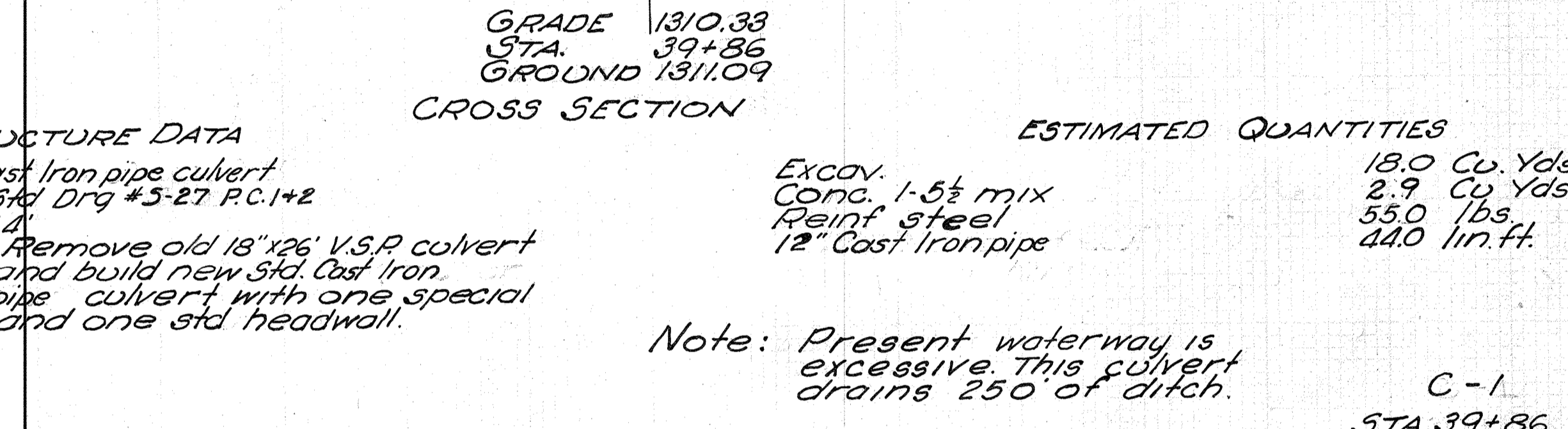
970.52
213+50
970.79

970.80
213+00
970.99

211+50 TO 214+50



PLAN

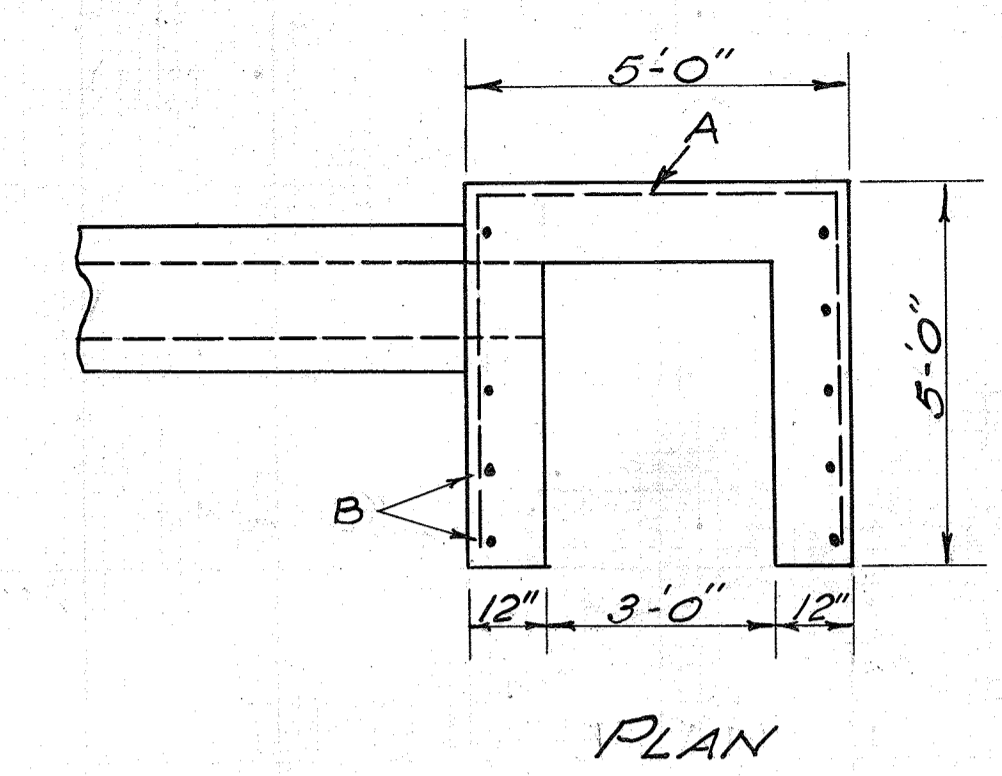


CROSS SECTION

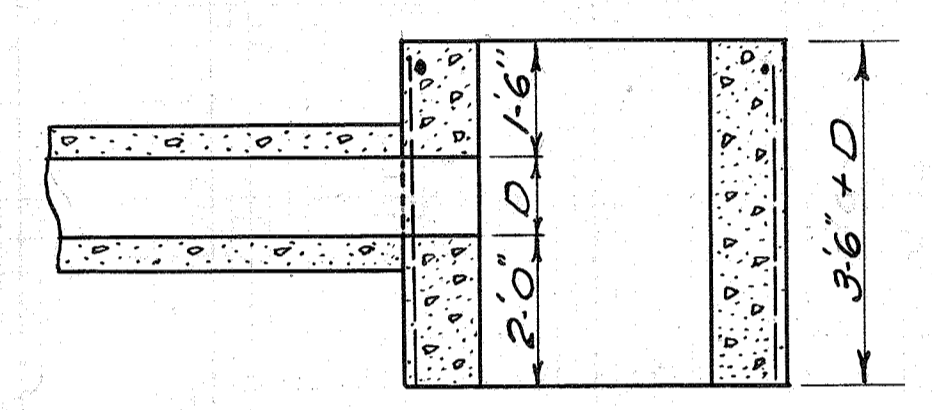
STRUCTURE DATA
 Type: Std. Cast Iron pipe culvert
 See Std. Drg. #5-27 P.C.1+2
 Size: 12" x 44"
 Work Req'd: Remove old 18" x 26" V.S.P. culvert and build new Std. Cast Iron pipe culvert with one special and one std. headwall.

ESTIMATED QUANTITIES
 Excav. 18.0 Cu. Yds
 Conc. 1-5 1/2 mix 2.9 Cu. Yds
 Reinf. steel 55.0 lbs.
 12" Cast Iron pipe 44.0 lin. ft.

Note: Present waterway is excessive. This culvert drains 250' of ditch.



PLAN



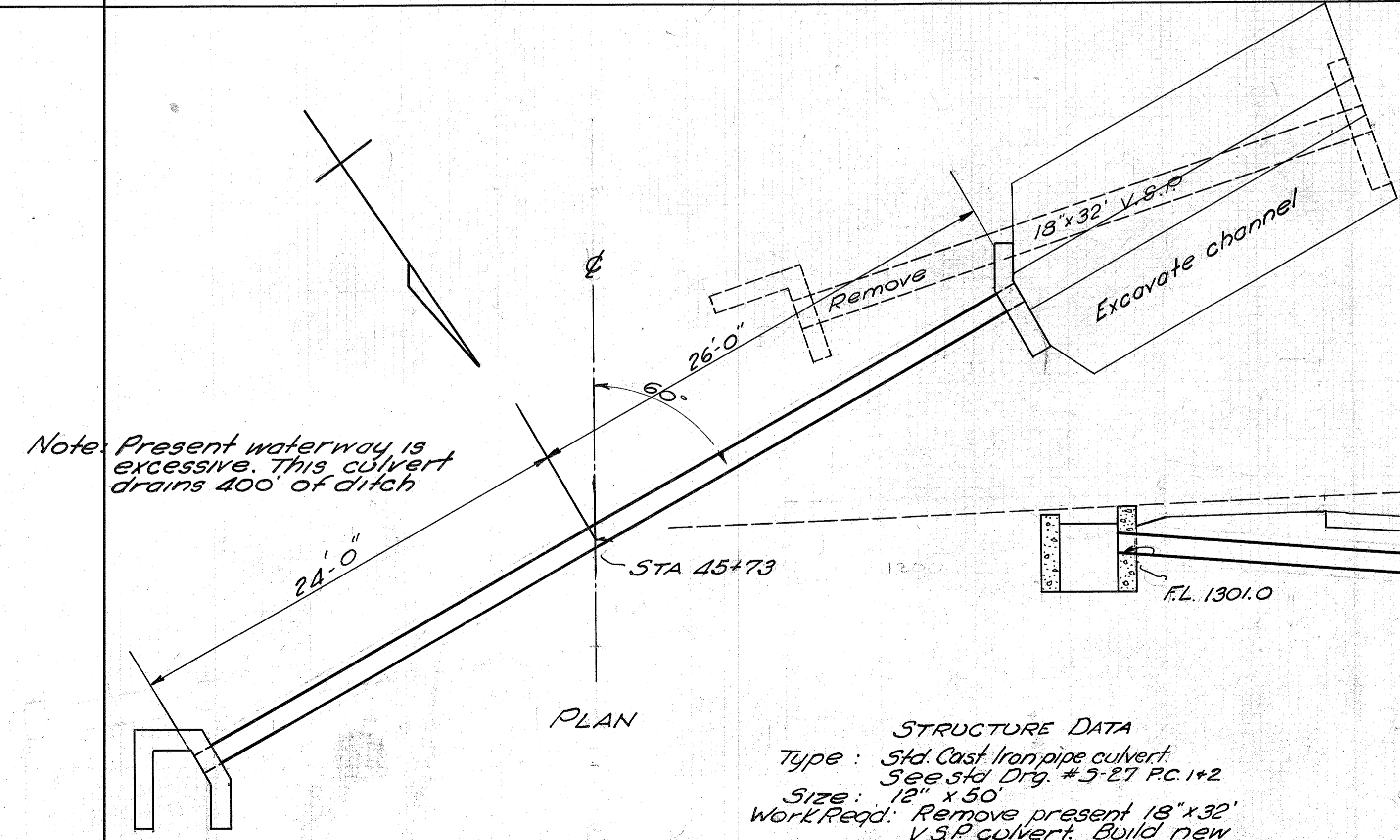
SECTION

QUANTITIES

D DIAM PIPE	A BARS NO	A BARS LENGTH	B BARS NO	B BARS LENGTH	STEEL LBS.	CONC 1-5 1/2 MIX
12"	1	13'-6"	10	4'-0"	35	2.2
15"	1	13'-6"	10	4'-3"	35	2.3
18"	1	13'-6"	10	4'-6"	40	2.4
24"	1	13'-6"	10	5'-0"	40	2.6

All bars shall be 1/2" round bars or bars of equivalent sectional area.

DETAIL OF SPECIAL HEADWALL.



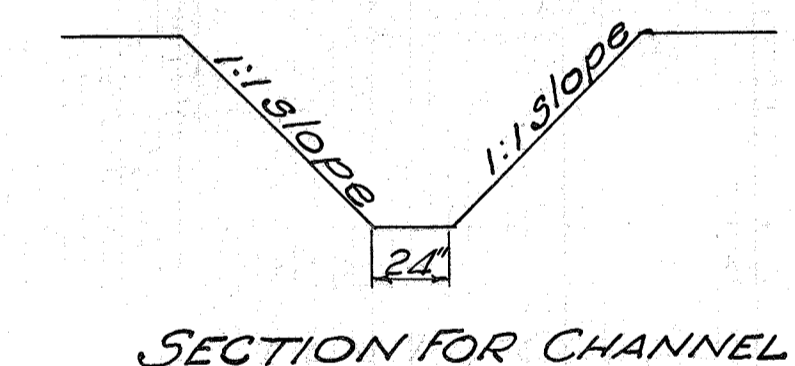
PLAN

Note: Present waterway is excessive. This culvert drains 400' of ditch.

STRUCTURE DATA
 Type: Std. Cast Iron pipe culvert.
 See Std. Drg. #5-27 P.C.1+2
 Size: 12" x 50"
 Work Req'd: Remove present 18" x 32" V.S.P. culvert. Build new std. Cast Iron pipe hillside culvert. Excavate channel at outlet.

ESTIMATED QUANTITIES
 Excav. 36.0 Cu. Yds.
 Conc. 1-5 1/2 mix 2.7 Cu. Yds.
 Reinf. Steel 40 lbs.
 12" Cast Iron pipe 50 lin. ft.

CROSS SECTION

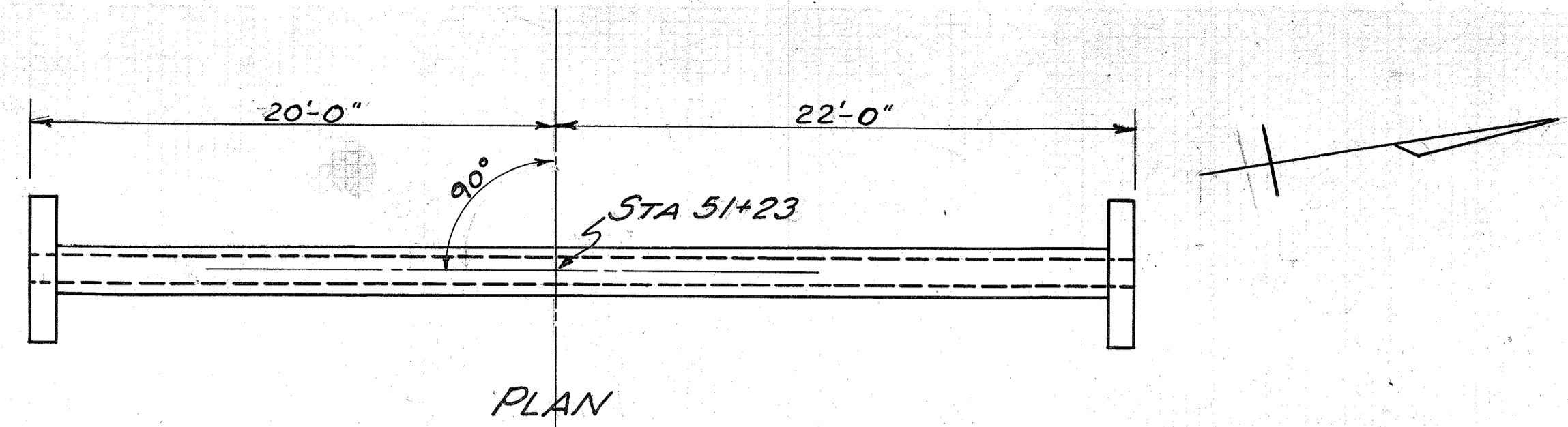


SECTION FOR CHANNEL

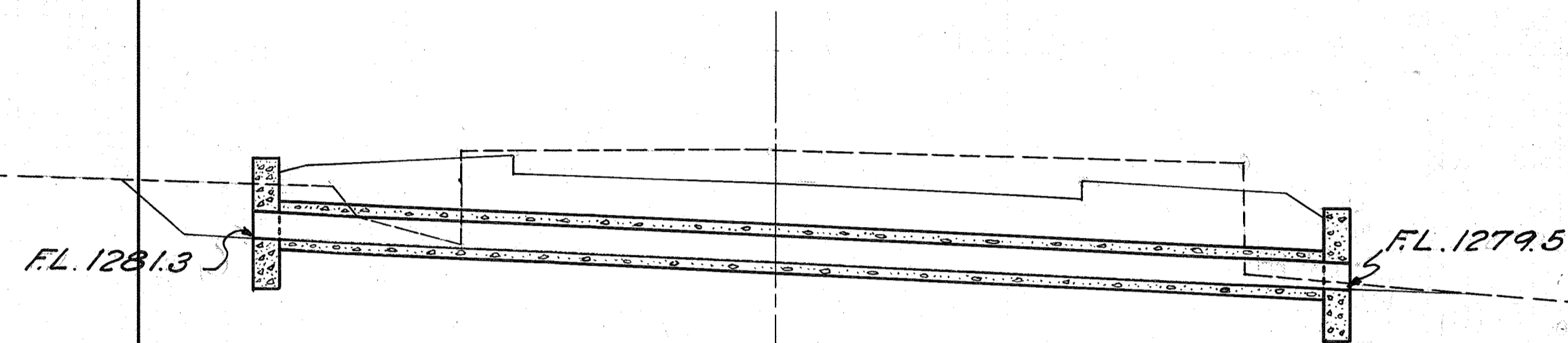
Excavate channel to this line. See section above.

FED.AID.	FED.AID	FISCAL	77 85
DIST. NO.	STATE	PROJ. YEAR	
10	OHIO	NOH 547-D	1933

S.H. 75
JEFFERSON
SEC. D-E
COUNTY



PLAN



GRADE 1283.7
STA. 51+23
GROUND 1284.3

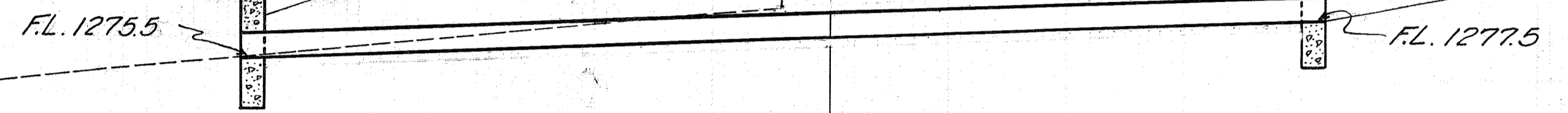
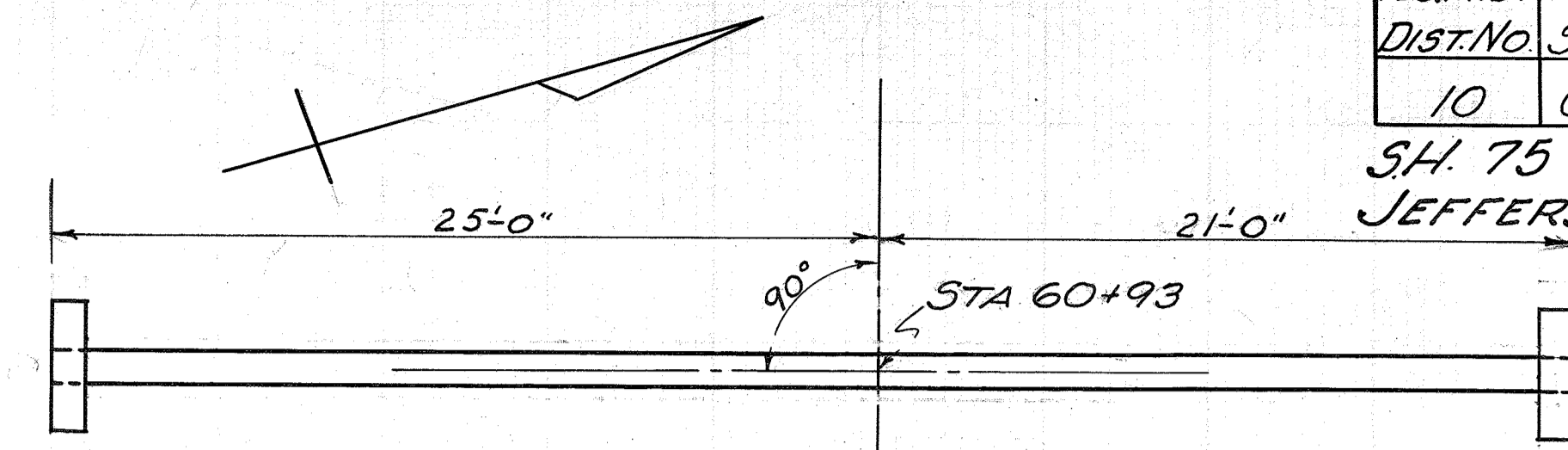
CROSS SECTION

Note: Present waterway is excessive
This culvert drains 400' of
ditch.

STRUCTURE DATA
Type: Std. Pipe Culvert
See Std. Drg # 5-27 P.C. 1+2
Size: 12" x 42"
Work Req'd: Remove present 18" x 30'
V.S.P. culvert and build new
std. pipe culvert with std. headwalls.

ESTIMATED QUANTITIES
Excav 17.0 Cu Yds.
Conc. 1-5 1/2 mix 1.3 Cu Yds.
Reinf. Steel 40 lbs.
12" pipe for roadway culvert: 42 lin. ft.

C-3
STA 51+23



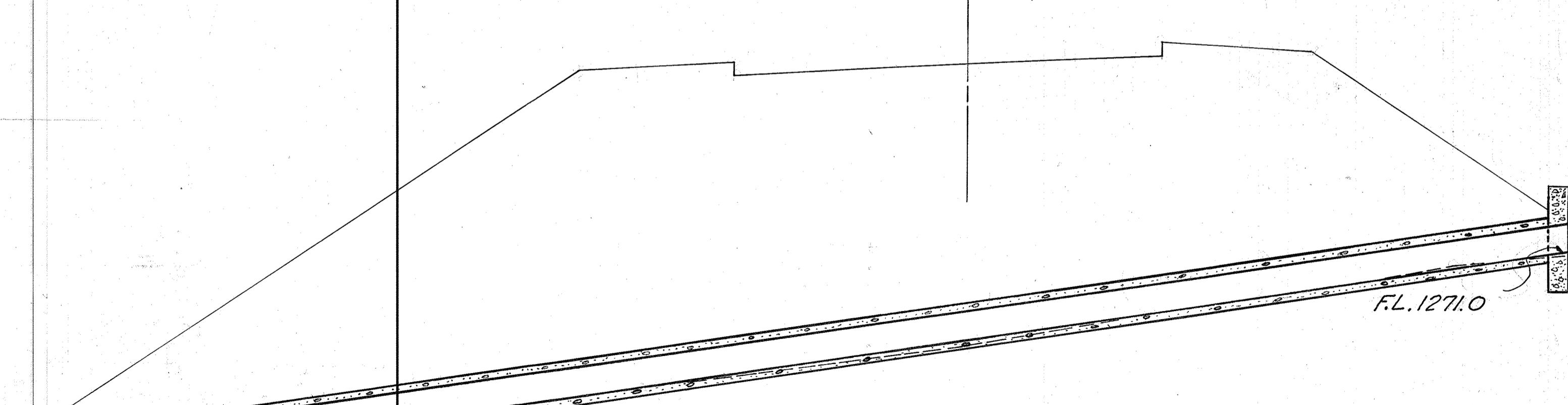
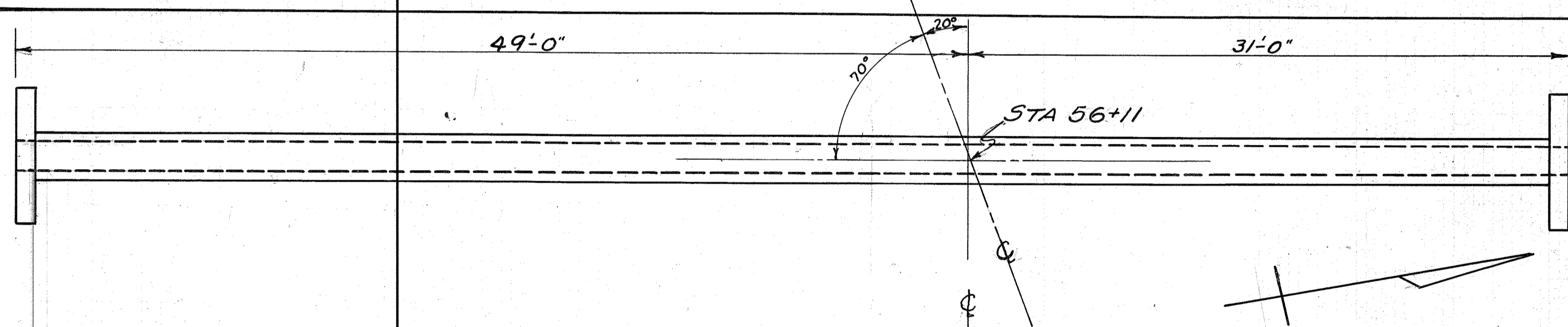
GRADE 1279.30
STA. 60+93
GROUND 1282.2

Note: Present waterway is
excessive. This culvert
drains 200' of ditch.

STRUCTURE DATA
Type: Std. Cast Iron pipe culvert. See std drg # 5-27 P.C. 1+2
Size: 12" x 46"
Work Req'd: Remove present 18" x 26' V.S.P. culvert
and build new 12" x 46" Cast Iron
pipe culvert with std. headwalls.

ESTIMATED QUANTITIES
Excav 12.0 Cu Yds.
Conc. 1-5 1/2 mix 1.3 Cu Yds.
Reinf. Steel 40 lbs.
12" Cast Iron pipe 46 lin. ft.

C-5
60+93

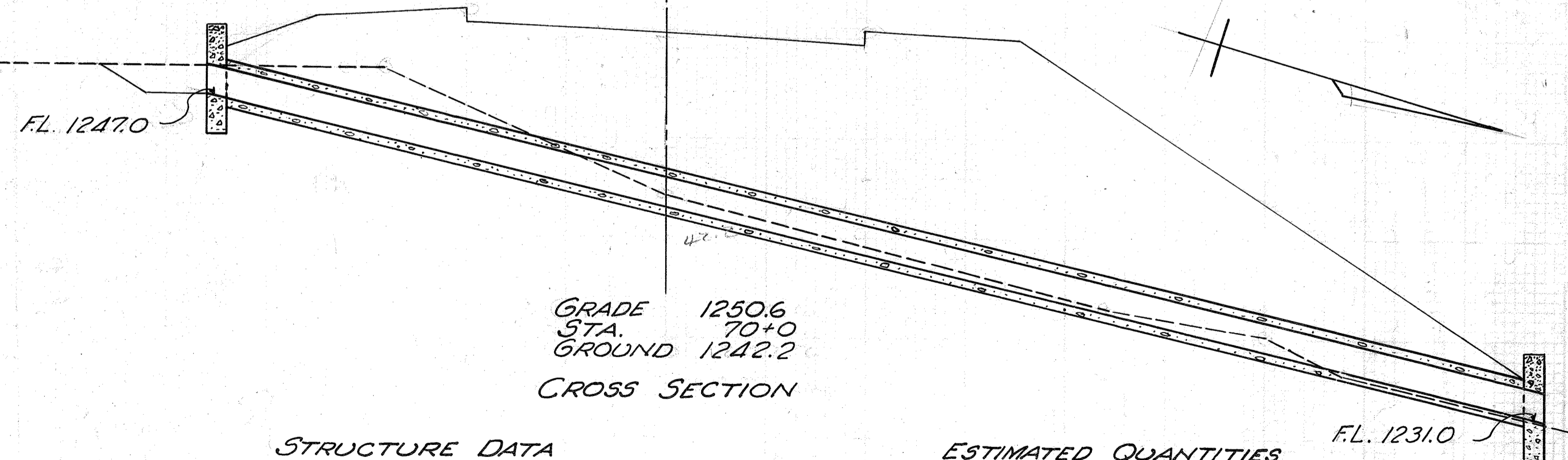
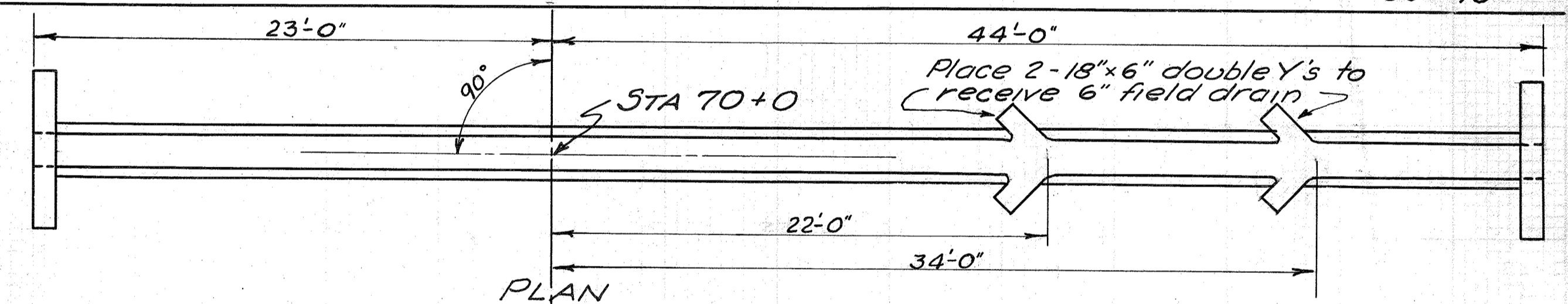


GRADE 1280.84
STA. 56+11
GROUND 1266.0

STRUCTURE DATA
Type: Std. Pipe Culvert. See Std. Drg # 5-27 P.C. 1+2
Size: 18" x 80"
Work Req'd: Build new std 18" x 80'
pipe culvert with std. headwalls

ESTIMATED QUANTITIES
Excav 7.0 Cu Yds.
Conc. 1-5 1/2 mix 2.0 Cu Yds.
Reinf. Steel 52 lbs.
18" pipe for roadway culv. 82 lin. ft.

C-4
STA 56+11



GRADE 1250.6
STA. 70+0
GROUND 1242.2

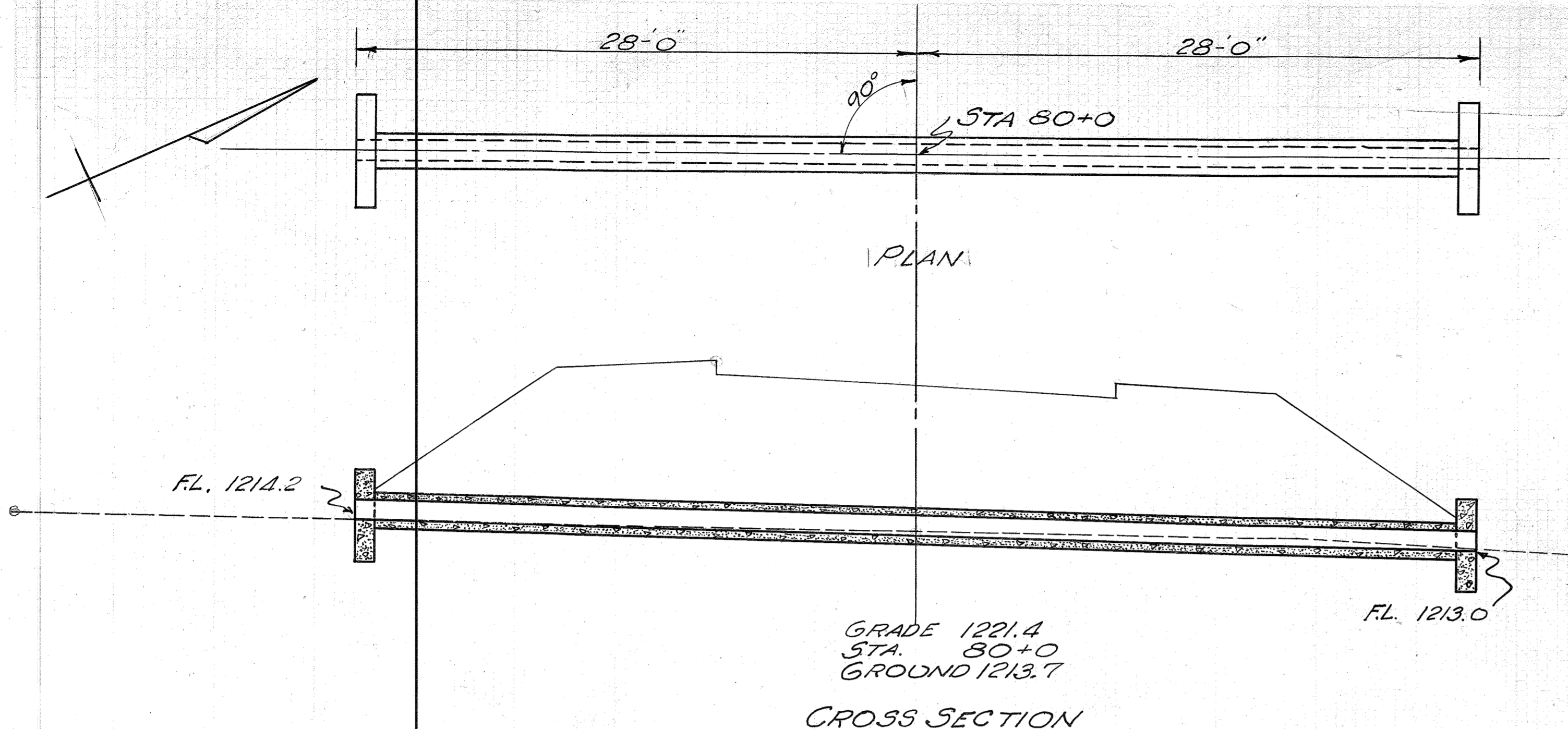
CROSS SECTION

STRUCTURE DATA
Type: Std. Pipe Culvert. See std drg # 5-27 P.C. 1+2
Size: 18" x 67"
Work Req'd: Build new 18" x 67" Std.
pipe culvert with 2 double Y's
to receive 6" field drain, and std.
headwalls.

ESTIMATED QUANTITIES
Excav. 8.0 Cu Yds.
Conc. 1-5 1/2 mix 2.0 Cu Yds.
Reinf. steel 52 lbs.
18" pipe for roadway culvert: 70 lin. ft.
18" x 6" double Y fittings 2 each

C-6
70+0

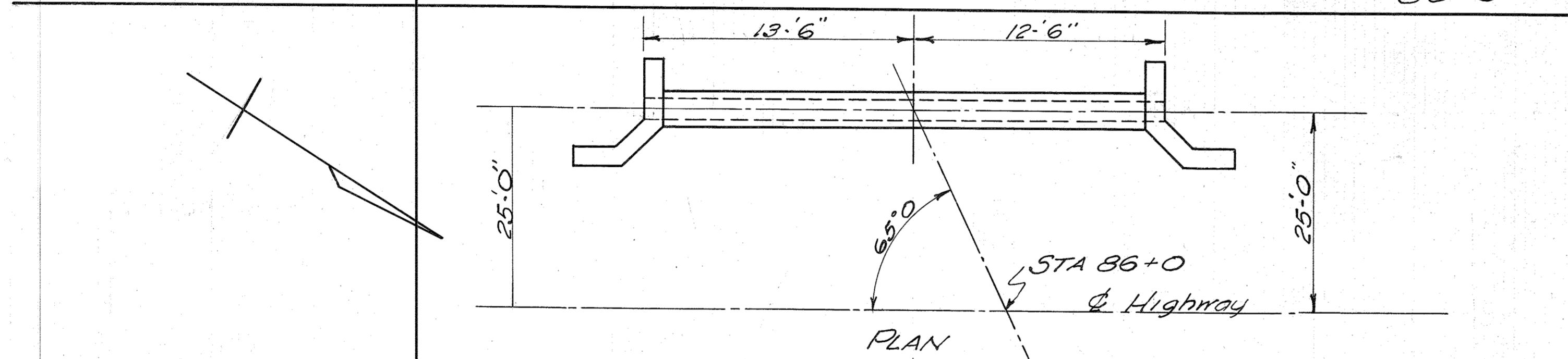
FED AID	STATE	FED AID	FISCAL	78 85
DIST. NO.	OHIO	PROJ	YEAR	
10		NRH	1933	
SH. 75		SEC D-E		
JEFFERSON		COUNTY		



STRUCTURE DATA
 Type: Std. Pipe Culvert. Std. Dwg. S-27 P.C. 1+2
 Size: 12" x 56'-0"
 Work Req'd: Build new std 12" x 56'-0" pipe culvert with std. headwalls.

ESTIMATED QUANTITIES
 Excav. 7.0 Cu. Yds.
 Conc. 1-5 1/2 Cu. Yds.
 Reinf. Steel 40 lbs.
 12" pipe for rdwy. culv. 56 lin. ft.

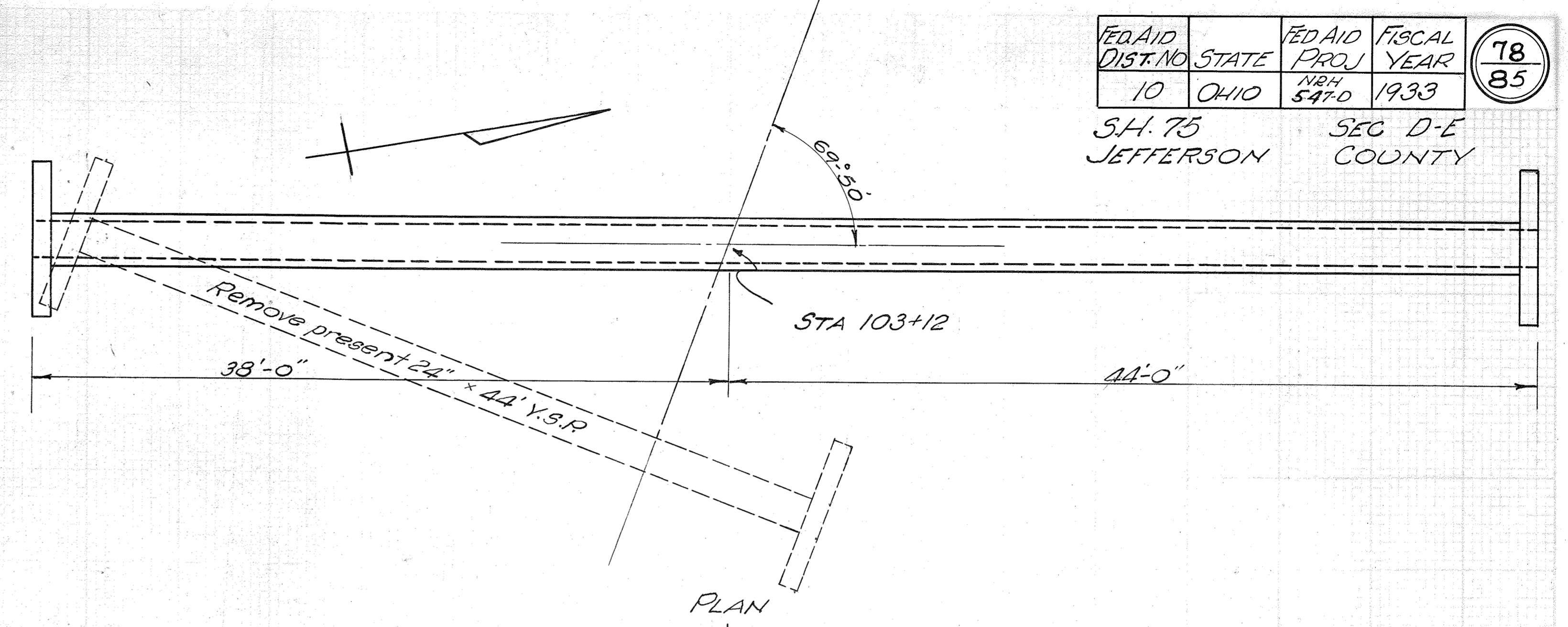
C-7
80+0



STRUCTURE DATA
 Type: Std. Pipe Sideroad Culvert. Std. Dwg. S-27 P.C. 1+2
 Size: 12" x 26'-0"
 Work Req'd: Build new std 12" x 26'-0" pipe sideroad culvert.

ESTIMATED QUANTITIES
 Excav. 11.0 Cu. Yds.
 Conc. 1-5 1/2 Cu. Yds.
 Reinf. Steel 60 lbs.
 12" pipe for roadway culvert. 26 lin. ft.

C-8
86+0 LT.
SIDEROAD CULV.



STRUCTURE DATA
 Type: Std. Pipe Culvert. Std. Dwg. S-27 P.C. 1+2
 Size: 24" x 82'-0"
 Work Req'd: Remove present 24" x 44'-0" V.S.P. culvert. Build new std 24" x 82'-0" pipe roadway culvert, with std. headwalls.

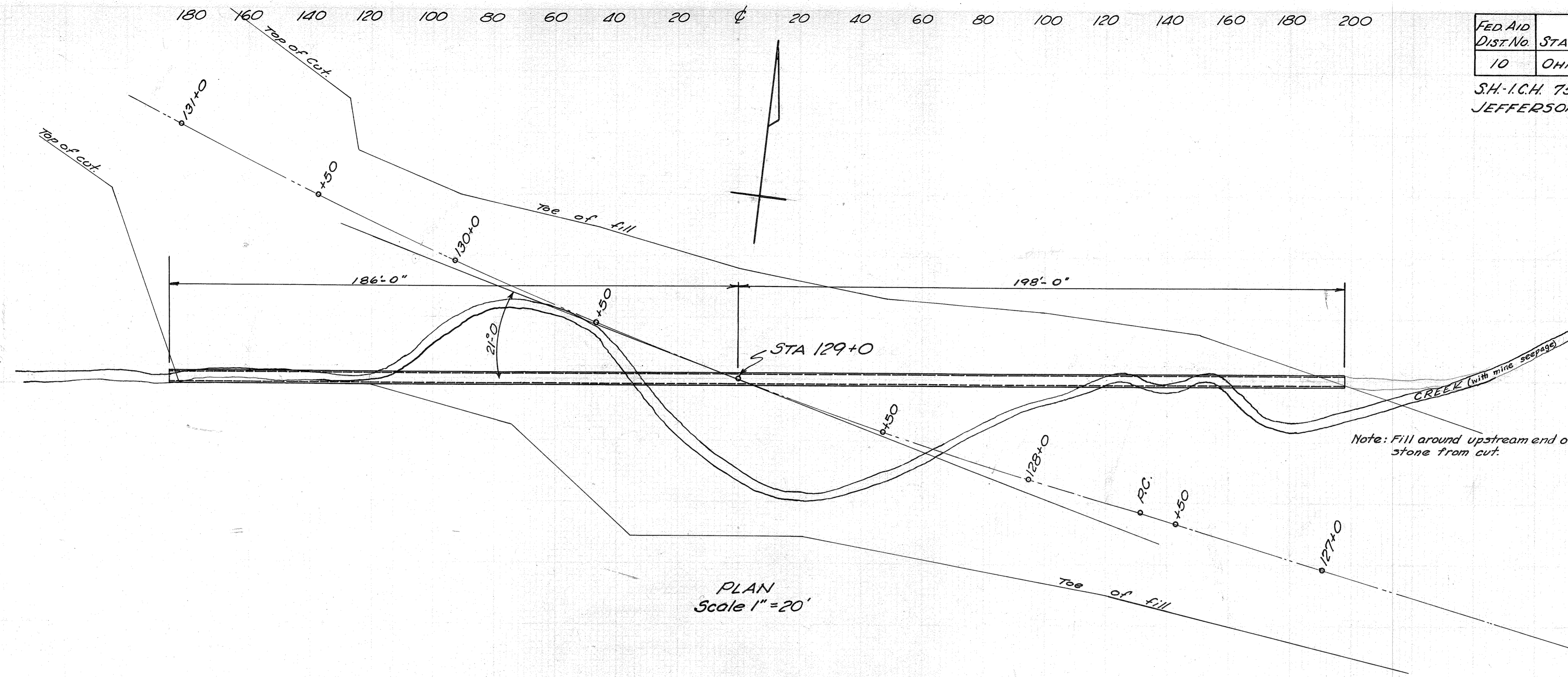
ESTIMATED QUANTITIES
 Excav. 11.0 Cu. Yds.
 1-5 1/2 Conc. 2.8 Cu. Yds.
 Reinf. Steel 64 lbs.
 24" pipe for roadway culvert. 82 lin. ft.

C-9
STA 103+12

FED. AID DIST. NO.	STATE	FED. AID PROJ. YEAR	FISCAL YEAR
10	OHIO	NRH 5-27-D	1933

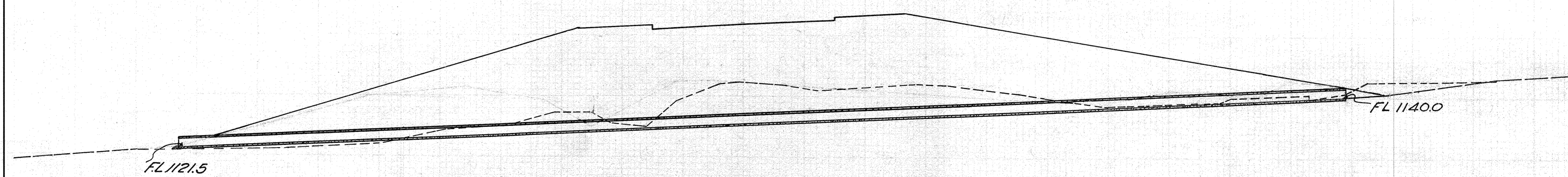
79
85

SH-1.C.H. 75 SEC. - DE
JEFFERSON COUNTY



Note: Fill around upstream end of culvert to be of broken stone from cut.

PLAN
Scale 1" = 20'



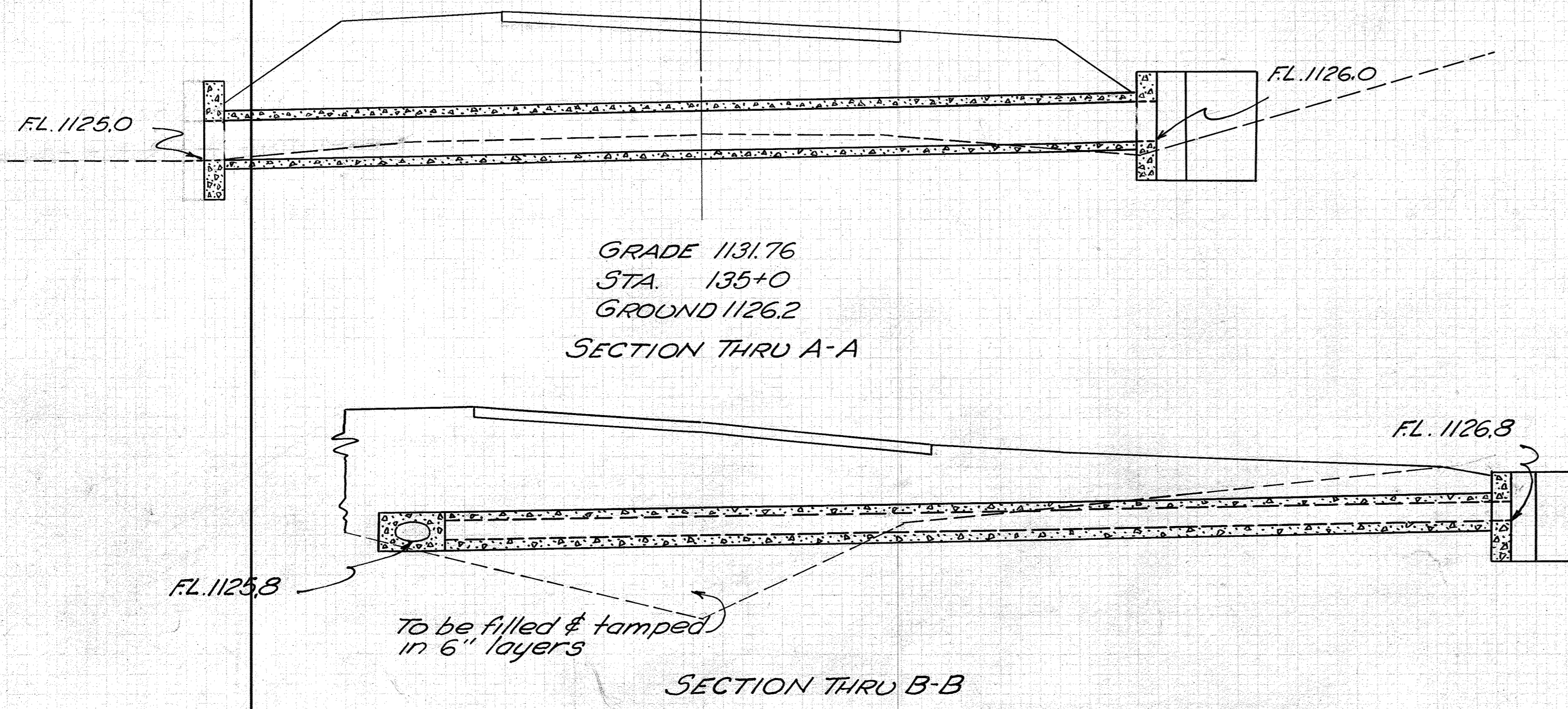
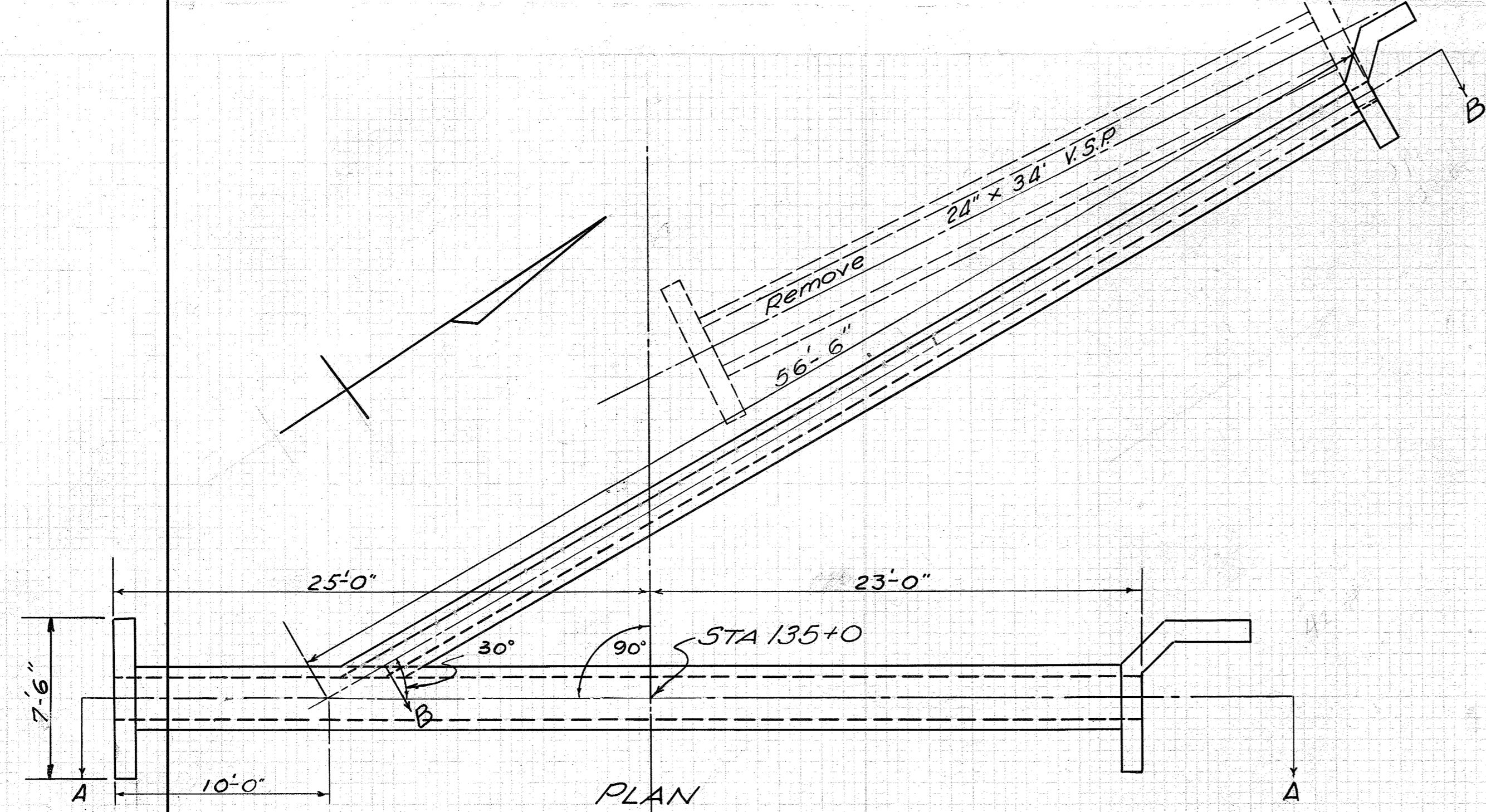
GRADE 1164.86
STA. 128+88
GROUND 1142.1

CROSS SECTION
Scale 1" = 20'

STRUCTURE DATA.
Type: Std. V.S.P. (enc.) Culvert *with* *without* headwalls. See Std Drg. #5-27 RC1+2 (C.F.A.)
Size: 36" x 38.4"
Work Reqd: Build new Std. 36" x 38.4" V.S.P. (enc.) Culvert *with* *without* headwalls and pave stream bed with rip rap according to std drg.

ESTIMATED QUANTITIES
Excav 404 Cu. Yds.
36" V.S.P. (enc.) OR Corr. I.P. (paved Invert) *with* *without* 384 lin. ft.
Stone Rip Rap 12 Sq. Yds.

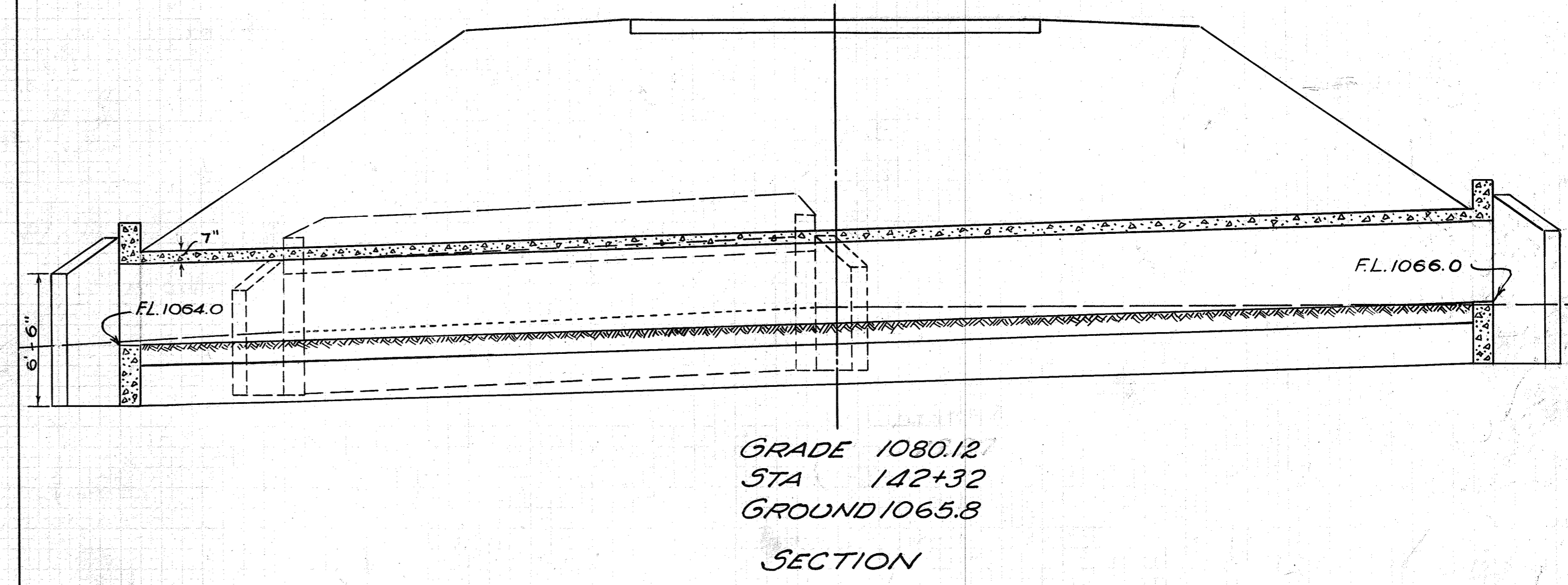
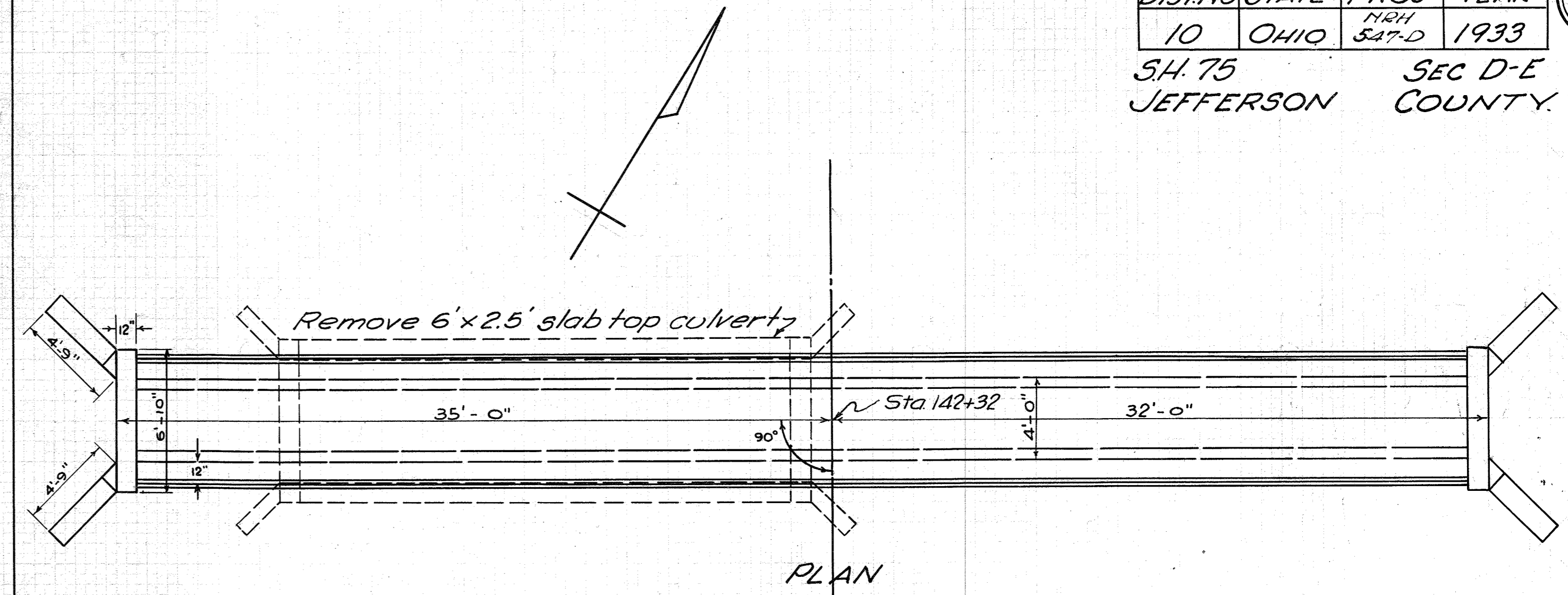
C-10
STA 128+88



STRUCTURE DATA
 Type: Std. Pipe Culvert, see
 Std. Drg. # S-27-PC.1+2
 Size: 24x48 & 12x56'-6" as shown
 Work Req'd: Remove present 24"x34"
 V.S.P. culvert. Build new pipe for
 roadway culvert with one std.
 headwall & one side road culvert
 headwall and pipe for side
 road culvert with one headwall &
 connecting to cross road culvert.

ESTIMATED QUANTITIES
 Excav. 24 Cu. Yds.
 Conc. 1-5 1/2 mix 4.7 Cu. Yds.
 Reinf. steel 104 lbs.
 24" pipe for roadway culv. 46 lin. ft.
 12" pipe for roadway culv. 54'-6" lin ft
 24" to 12" Wye 1 Only

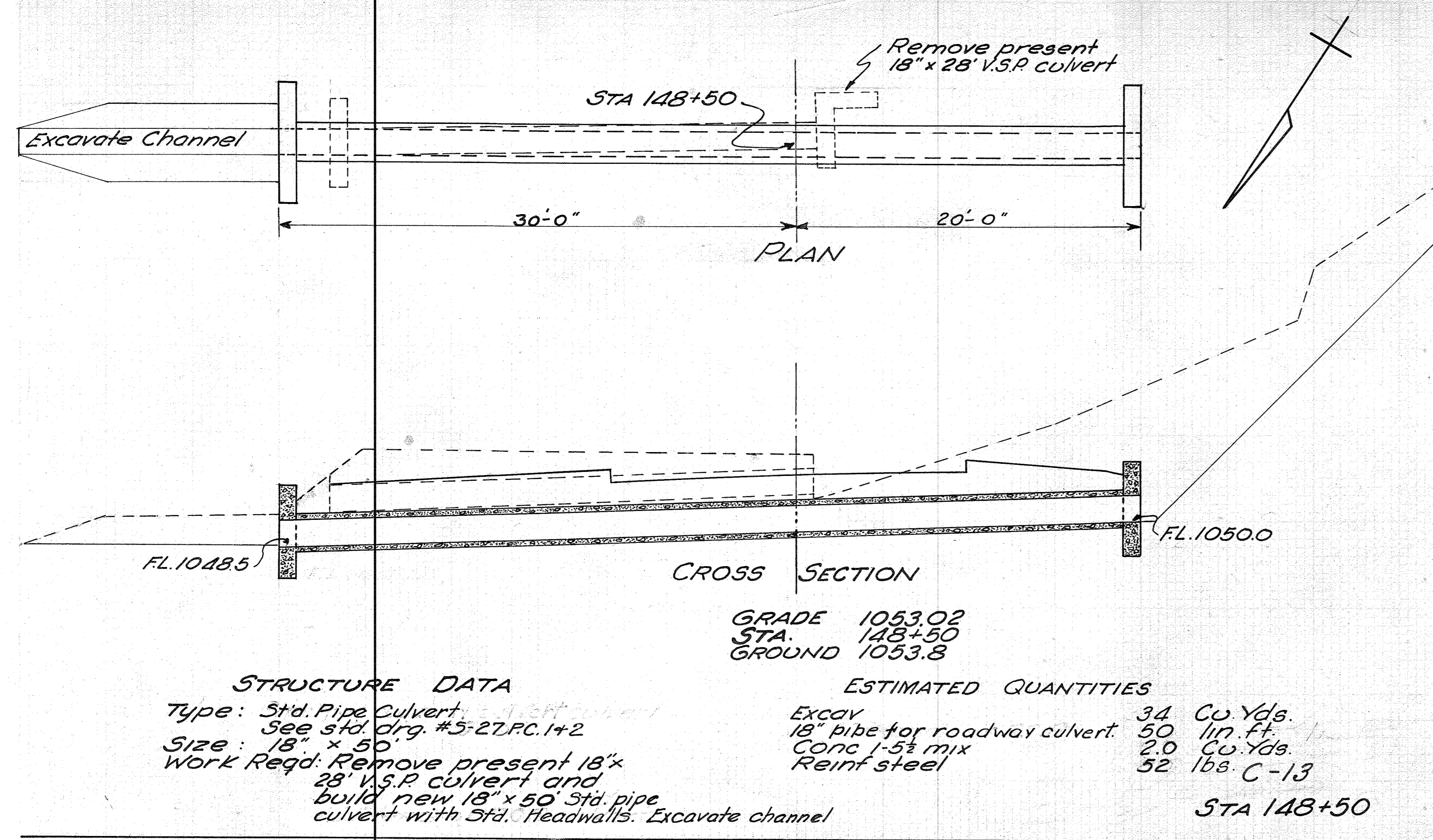
C-11
 STA. 135+0



STRUCTURE DATA
 Type: Std. Slab Top Culvert See
 Std. Drg. SC-A
 Size: 4' x 4' x 67'
 Work Req'd Remove present
 6'x2-6x26 Slab Top culvert Build
 new Std Slab Top culvert.

ESTIMATED QUANTITIES
 Excav 127 Cu. Yds.
 Conc 1-5 1/2 mix 39.1 Cu. Yds.
 Conc 1-6 1/2 mix (footing) 18.1 Cu. Yds.
 Reinf. steel 2503 lbs

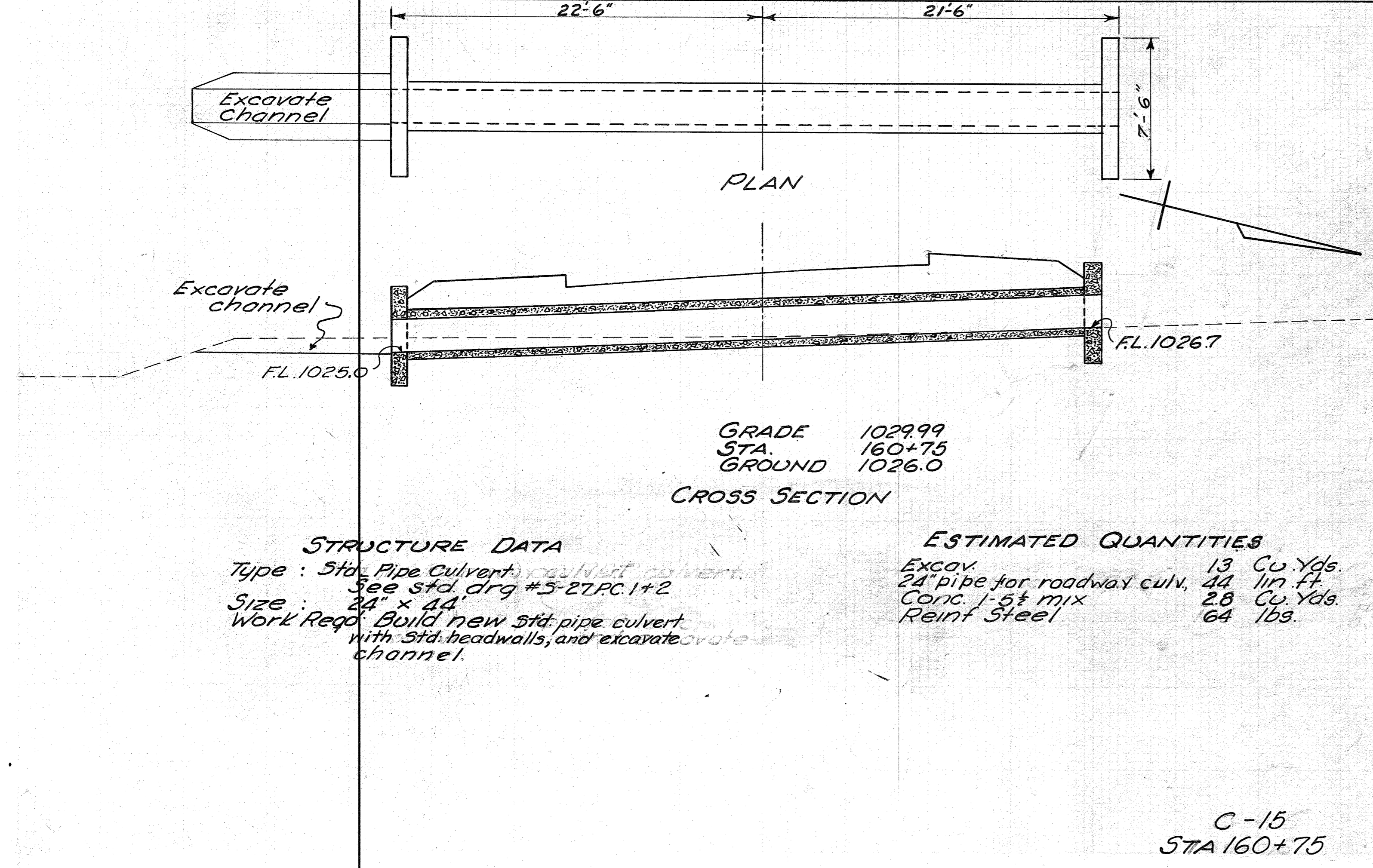
C-12
 STA. 142+32



STRUCTURE DATA
 Type: Std. Pipe Culvert
 See std. drg. #5-27.P.C.1+2
 Size: 18" x 50"
 Work Reqd: Remove present 18" x 28" V.S.P. culvert and build new 18" x 50" Std. pipe culvert with Std. Headwalls. Excavate channel

ESTIMATED QUANTITIES
 Excav 34 Cu. Yds.
 18" pipe for roadway culvert. 50 lin. ft.
 Conc. 1-5 1/2 mix 2.0 Cu. Yds.
 Reinf. steel 52 lbs. C-13

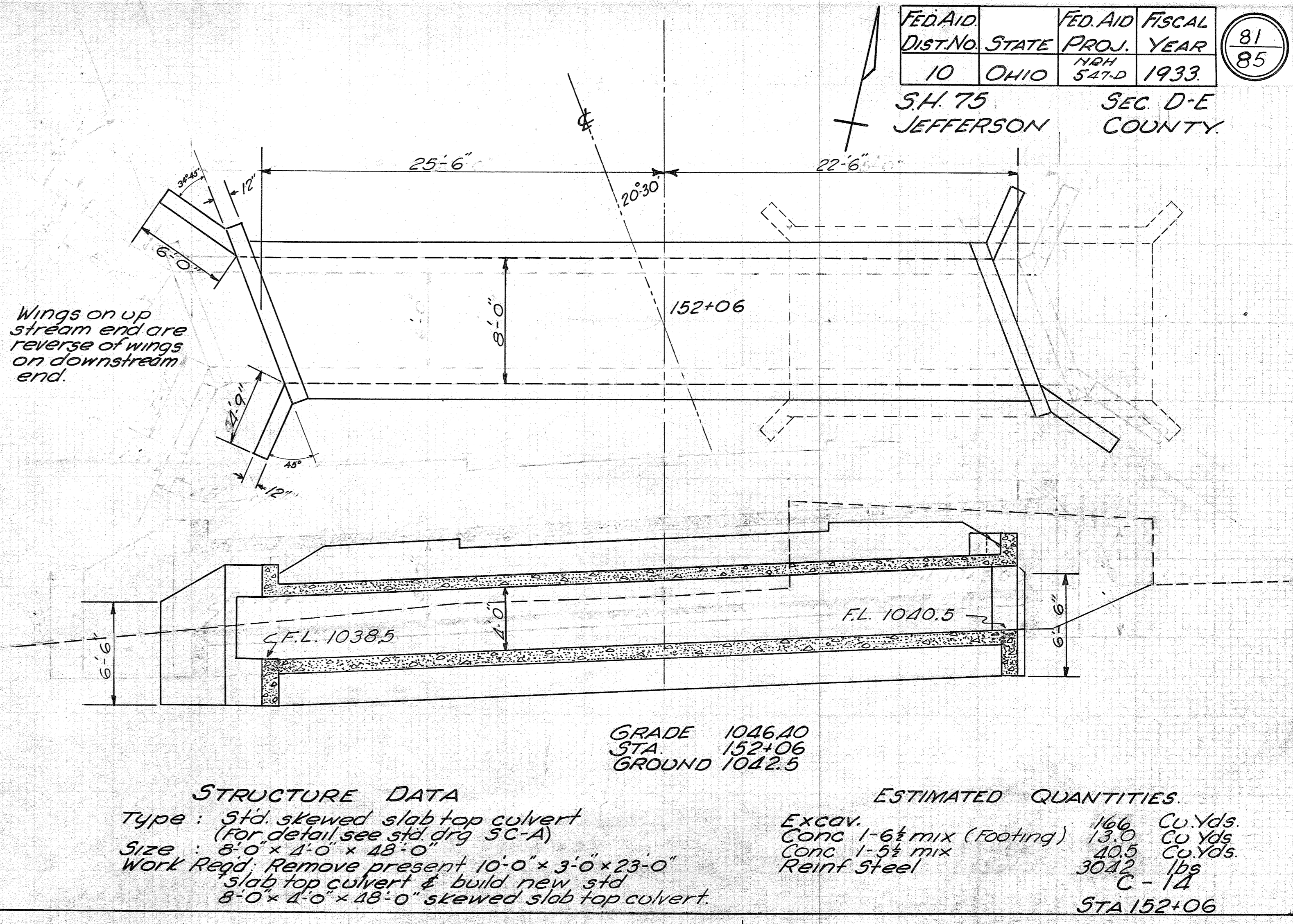
STA 148+50



STRUCTURE DATA
 Type: Std. Pipe Culvert
 See std. drg. #5-27.P.C.1+2
 Size: 24" x 44"
 Work Reqd: Build new Std. pipe culvert with Std. headwalls, and excavate channel.

ESTIMATED QUANTITIES
 Excav. 13 Cu. Yds.
 24" pipe for roadway culv. 44 lin. ft.
 Conc. 1-5 1/2 mix 2.8 Cu. Yds.
 Reinf. Steel 64 lbs.

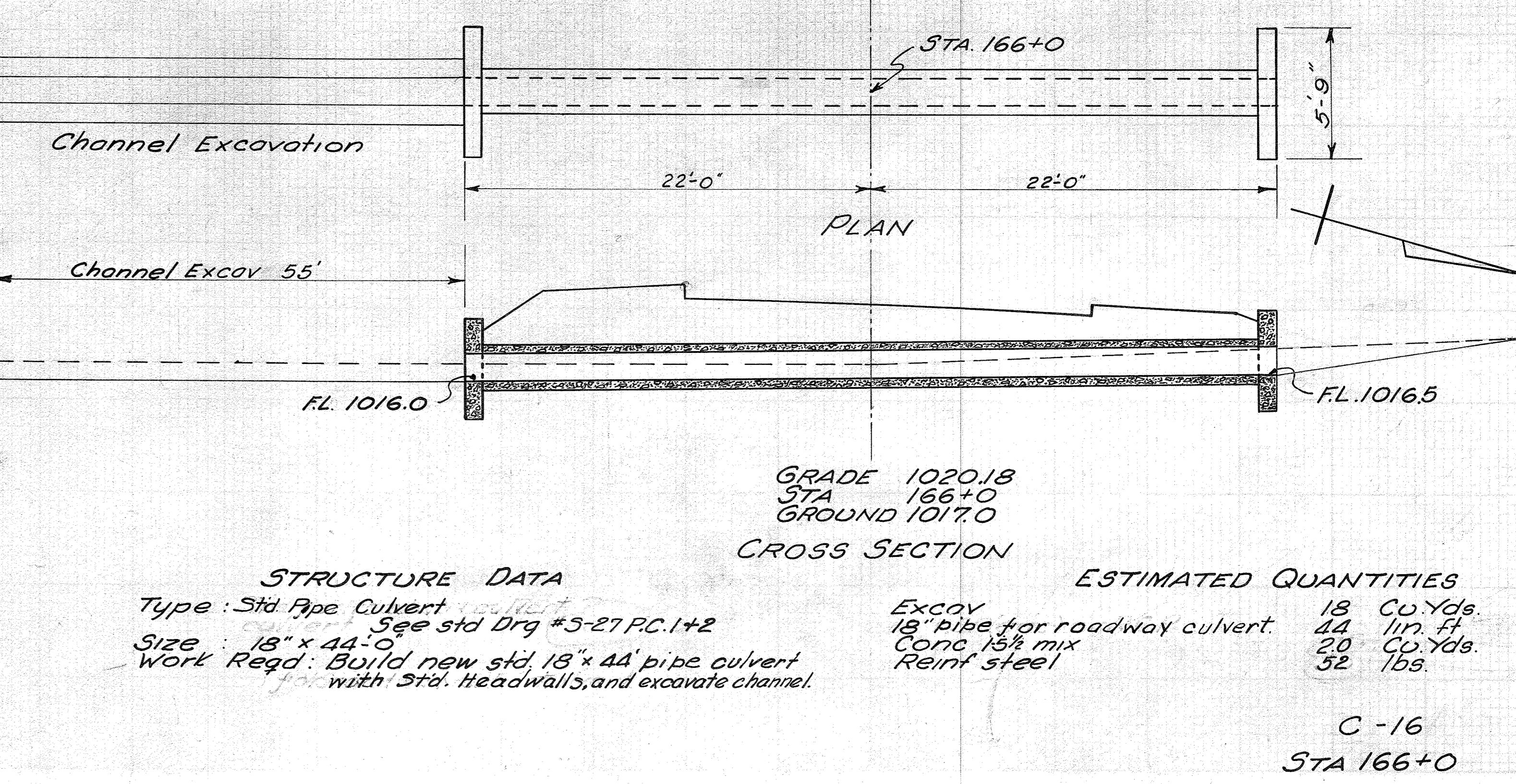
C-15
STA 160+75



STRUCTURE DATA
 Type: Std. skewed slab top culvert
 (For detail, see std. drg. 3C-A)
 Size: 8'-0" x 4'-0" x 48'-0"
 Work Reqd: Remove present 10'-0" x 3'-0" x 23'-0" slab top culvert & build new, std 8'-0" x 4'-0" x 48'-0" skewed slab top culvert.

ESTIMATED QUANTITIES
 Excav. 166 Cu. Yds.
 Conc. 1-6 1/2 mix (Footings) 13.0 Cu. Yds.
 Conc. 1-5 1/2 mix 40.5 Cu. Yds.
 Reinf. Steel 3042 lbs. C-14

STA 152+06

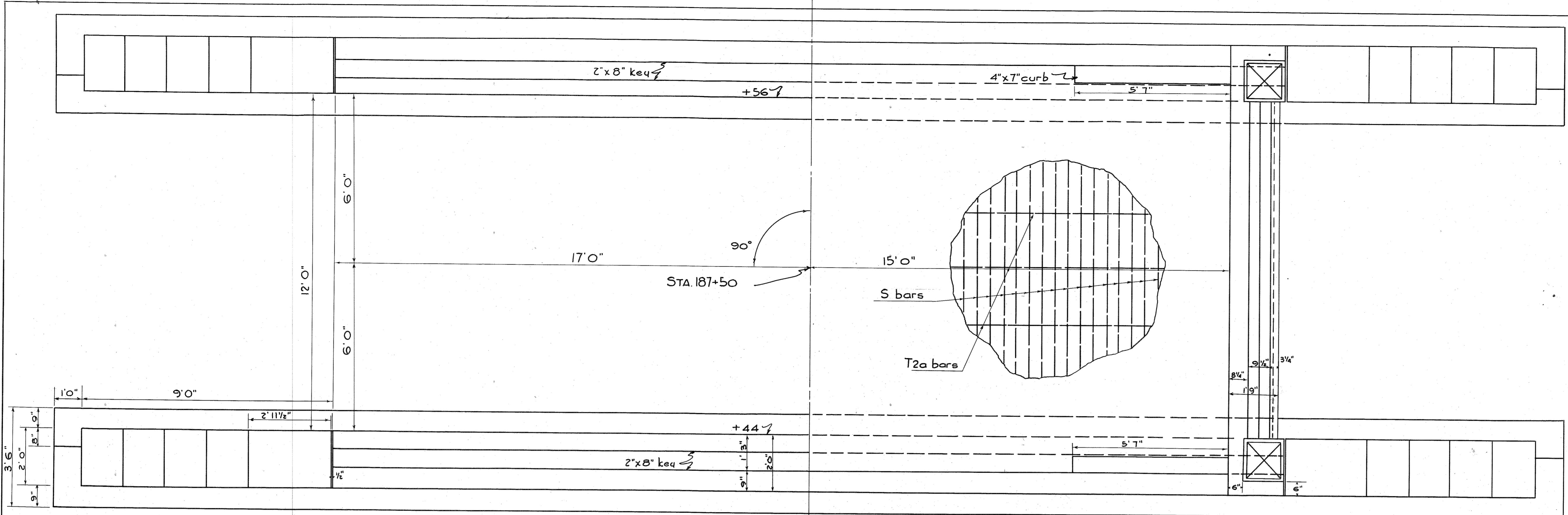
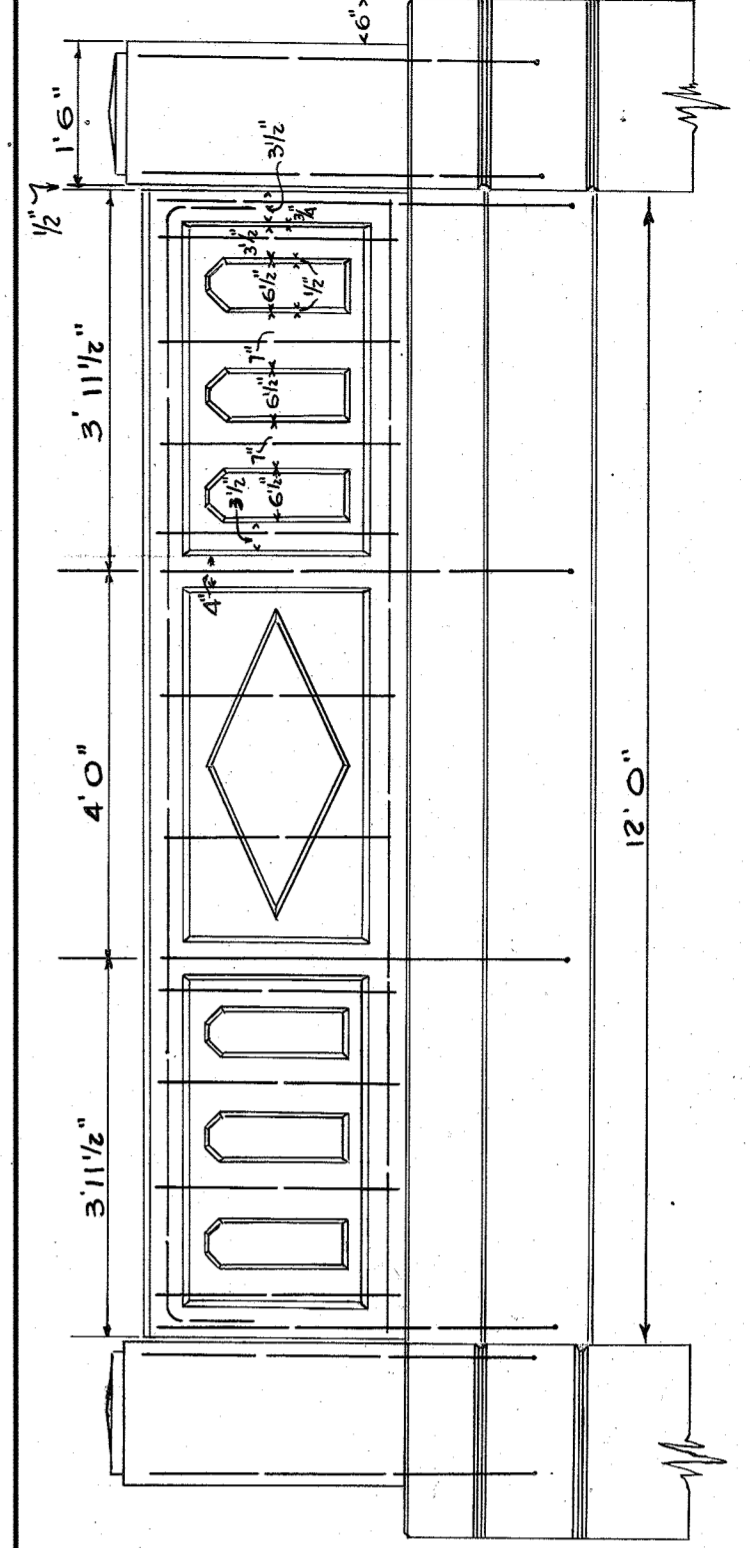


STRUCTURE DATA
 Type: Std. Pipe Culvert
 See std. drg. #5-27.P.C.1+2
 Size: 18" x 44"
 Work Reqd: Build new Std. 18" x 44" pipe culvert with Std. headwalls, and excavate channel.

ESTIMATED QUANTITIES
 Excav. 18 Cu. Yds.
 18" pipe for roadway culvert. 44 lin. ft.
 Conc. 1-5 1/2 mix 2.0 Cu. Yds.
 Reinf. steel 52 lbs.

C-16
STA 166+0

FED. AID	STATE	FISCAL YEAR
10	OHIO	1933
DIST. NO.		PROJ. NO.
10		5870

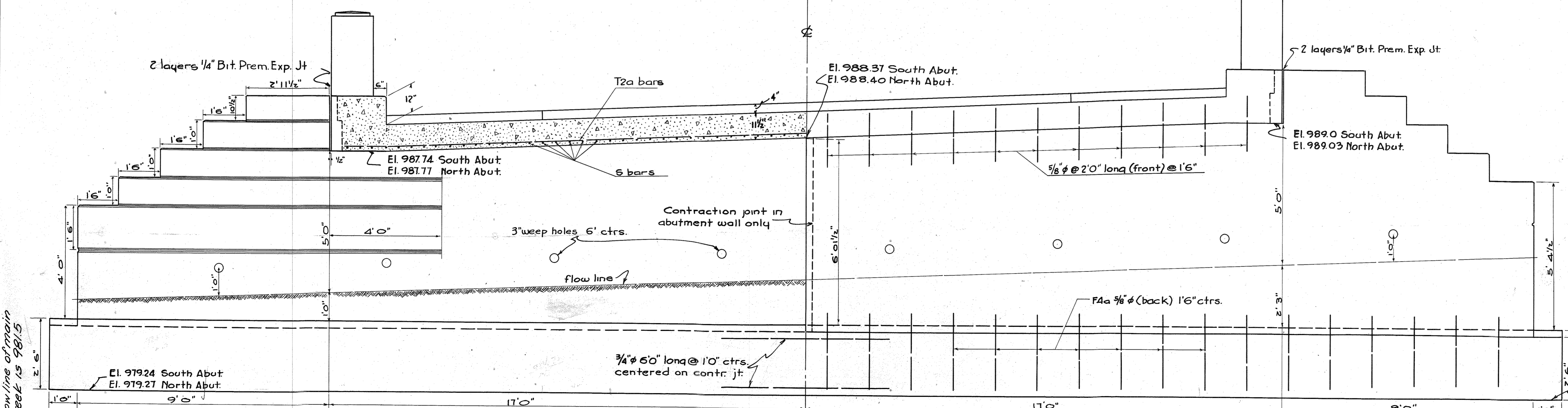


HALF PLAN WITHOUT SLAB

HALF PLAN WITH SLAB

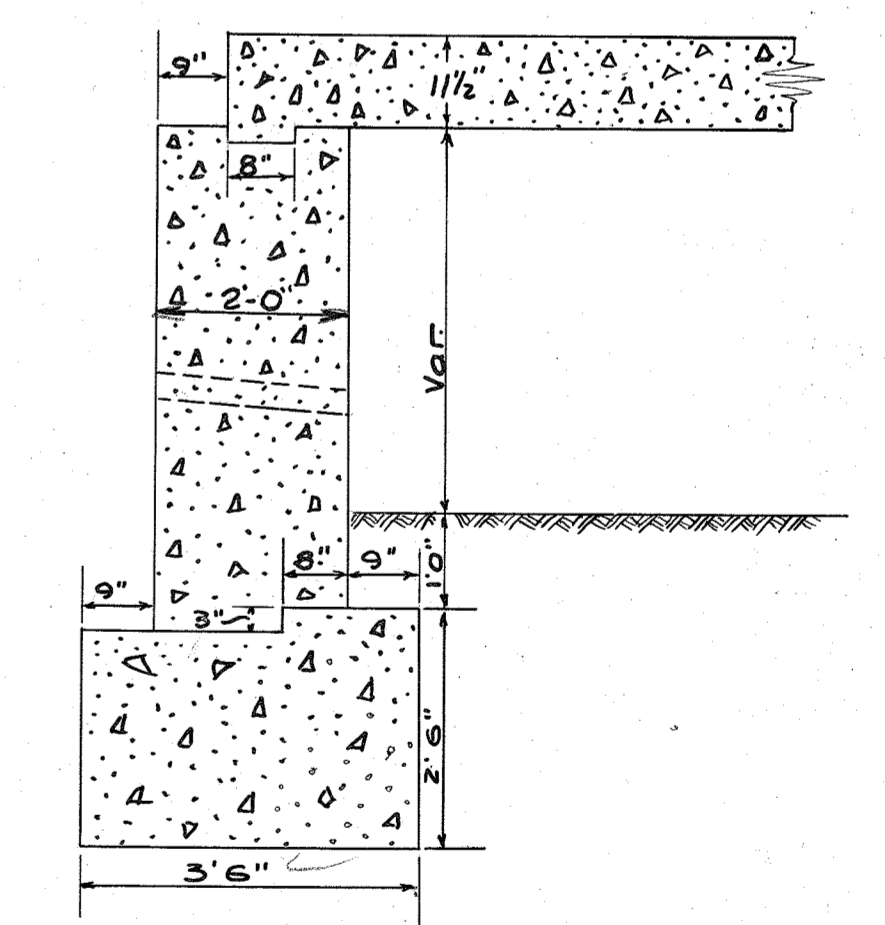
STRUCTURE DATA
 Type - Standard slab bridge
 Size - 12' span x 5' clear height
 Work Req'd - Build std slab bridge 12'0" x 5'0" with 30' rdwy. See std drg. SB-33

ESTIMATED QUANTITIES
 Excav. 126 Cu. yds.
 Conc. 1-5 1/2 19.8 Cu. yds.
 Conc. 1-6 1/2 For Walls 47.6 Cu. yds.
 Reinf. steel 3353 lbs.
 1/4 Bit. Prem. Exp. Jt. 32 sq. ft.
 Type B Water proofing 34 sq. yds.
 Railing Type RR-12 Modified 30 lin. ft.
 Conc. 1-6 1/2 for footers 3.5 Cu. yds.



HALF FRONT ELEVATION OF ABUTMENTS

HALF REAR ELEVATION OF ABUTMENTS

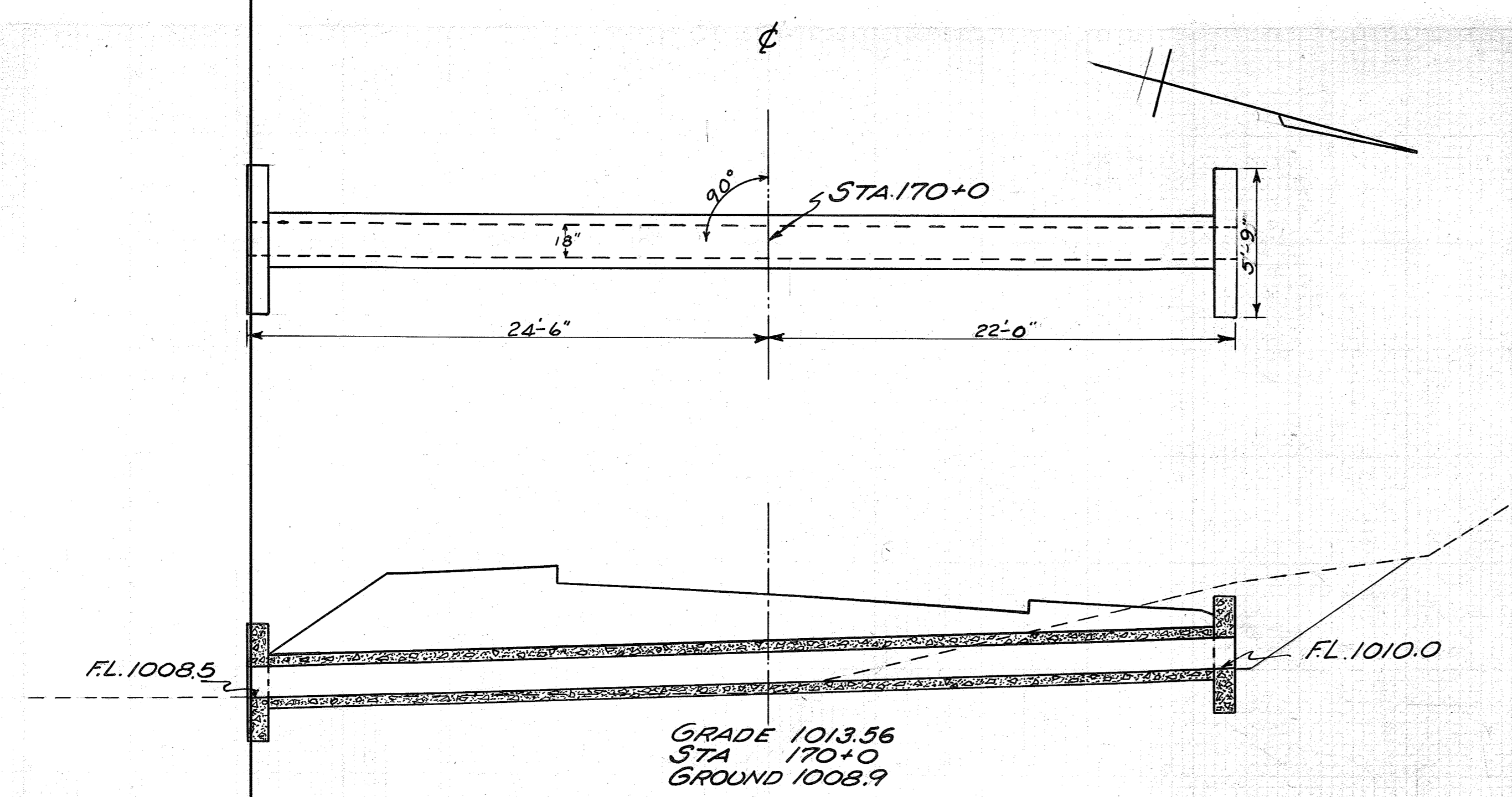


SECTION OF ABUTMENT

El. 979.24 South Abut.
El. 979.27 North Abut.

C-19
STA. 187+50

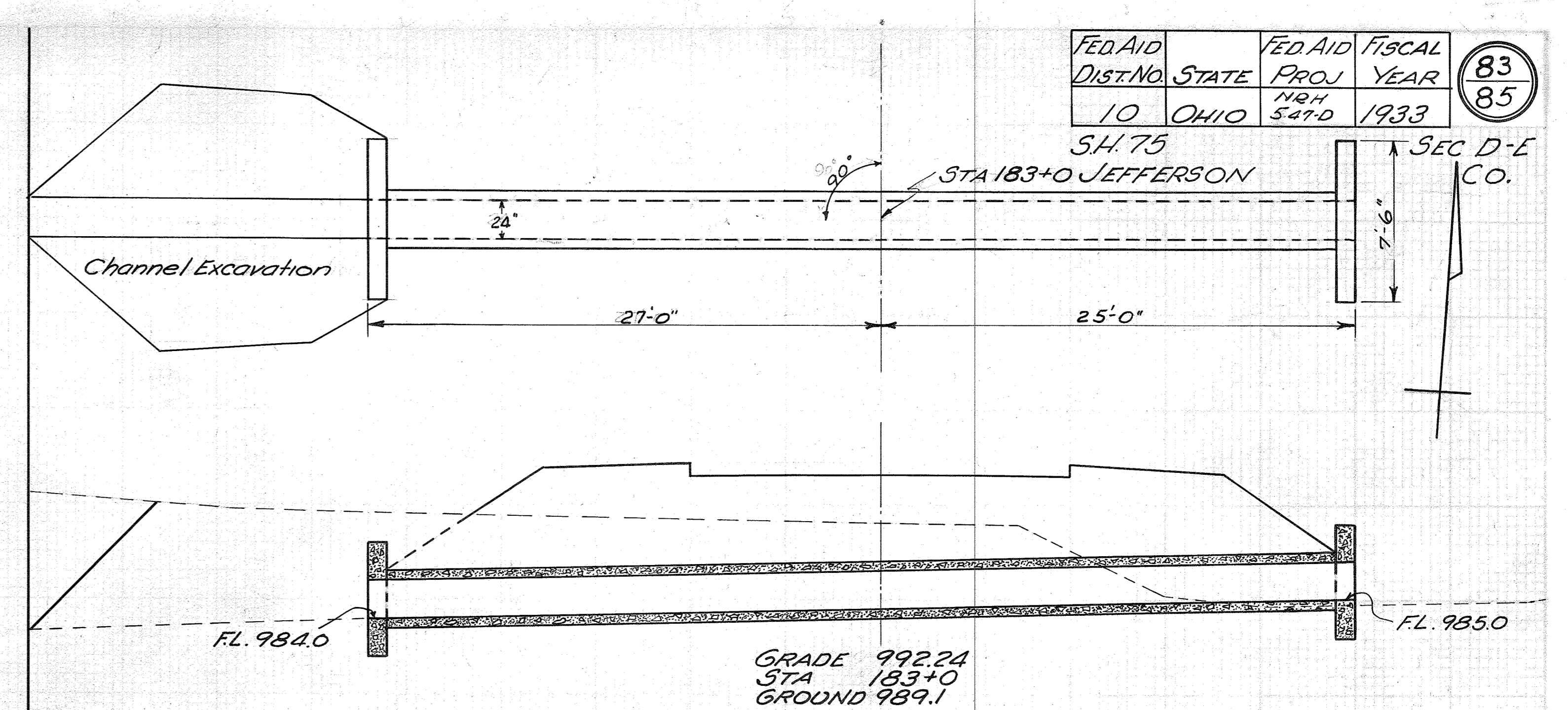
FED. AID DIST. NO.	STATE	FED. AID PROJ. YEAR	FISCAL YEAR	83 85
10	OHIO	NRH 5-47-D	1933	



STRUCTURE DATA
 Type: Std. Pipe Culvert, Std. Dwg. No. S-27 P.C. 1+2
 Size: 18" x 46'-6"
 Work Req'd: Build new std 18" x 46'-6" pipe culvert with std. headwalls

ESTIMATED QUANTITIES
 Excav. 13.0 Cu. Yds.
 Conc. 1-5 1/2 mix 20 Cu. Yds.
 Reinf. steel 52 lbs.
 18" pipe for rdwy. culv., 46.5 lin. ft.

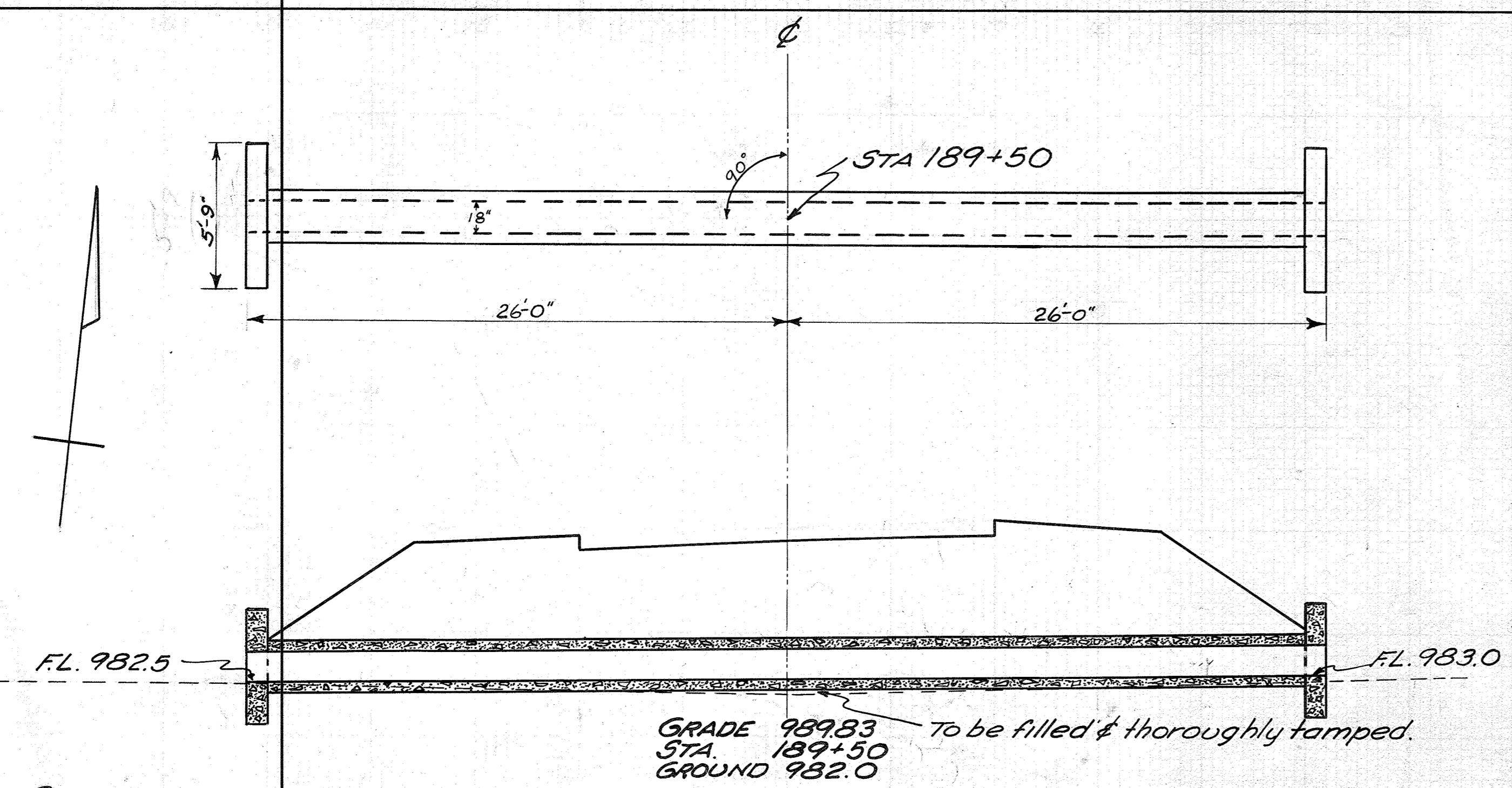
C-17
 STA 170+0



STRUCTURE DATA
 Type: Std. Pipe Culvert, Std. Dwg. No. S-27 P.C. 1+2
 Size: 24" x 52'
 Work Req'd: Build new std. 24" x 52' pipe culvert with std. headwalls. Excavate channel.

ESTIMATED QUANTITIES
 Excav. 42 Cu. Yds.
 Conc. 1-5 1/2 mix 28 Cu. Yds.
 Reinf. steel 64 lbs.
 24" pipe for roadway culv., 52 lin. ft.

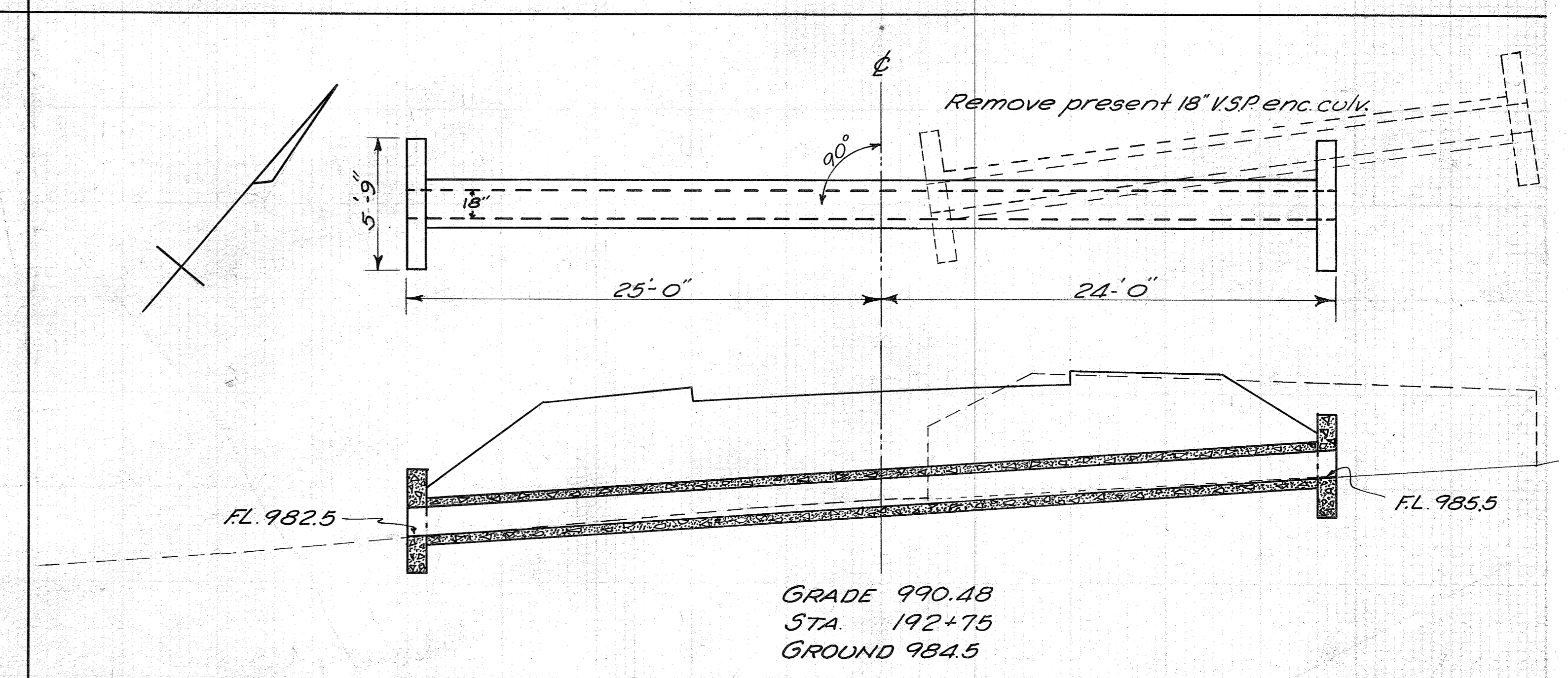
C-18
 STA 183+0



STRUCTURE DATA
 Type: Std. Pipe Culvert, Std. Drawing No. S-27 P.C. 1+2
 Size: 18" x 52'
 Work Req'd: Build new std. 18" x 52' pipe culvert with std. headwalls.

ESTIMATED QUANTITIES
 Excav. 4.0 Cu. Yds.
 Conc. 1-5 1/2 mix 20 Cu. Yds.
 Reinf. steel 52 lbs.
 18" pipe for rdwy. culv., 52 lin. ft.

C-20
 STA 189+50



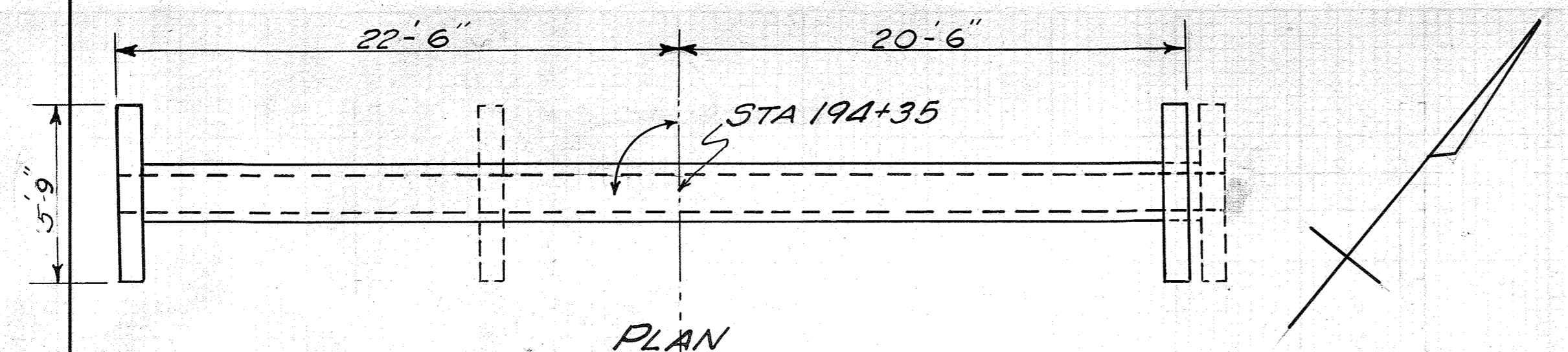
STRUCTURE DATA
 Type: Std. Pipe Culvert, Std. Dwg. S-27 P.C. 1+2
 Size: 18" x 49'
 Work Req'd: Remove present 18" x 32'-0" V.S.P. culvert & build new std 18" x 49' pipe culvert with std. headwalls

ESTIMATED QUANTITIES
 Excav. 26.0 Cu. Yds.
 Conc. 1-5 1/2 mix 20 Cu. Yds.
 Reinf. steel 52 lbs.
 18" pipe for rdwy. culv., 50 lin. ft.

C-21
 STA 192+75

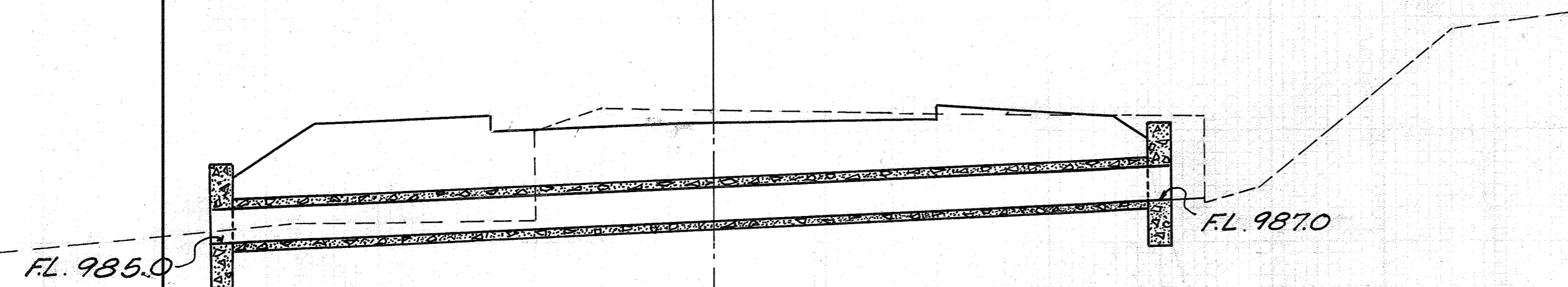
FED.AID DIST.No	STATE	FED.AID PROJ	FISCAL YEAR	84 85
10	OHIO	NRH 547-D	1933	

SH 75 JEFFERSON COUNTY SEC. D-E

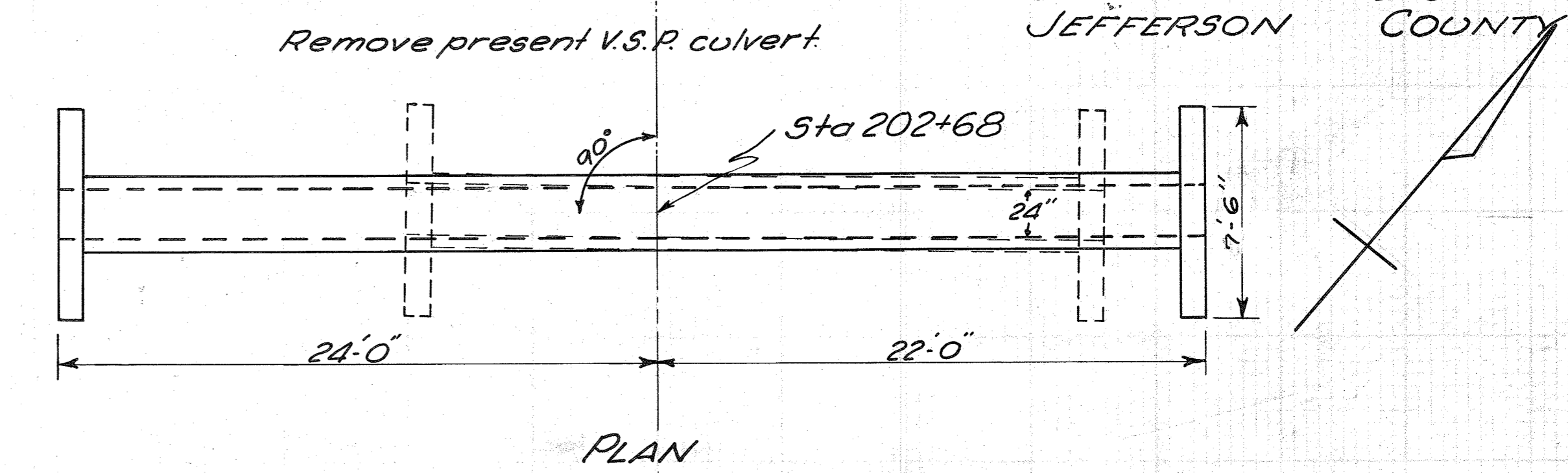


STRUCTURE DATA
 Type: Std. Pipe Culvert
 See std. drg #S-27 P.C. 1+2
 Size: 18" x 43"
 Work Req'd: Remove present 18" x 30' V.S.P. culvert & build new 18" x 43' std. Pipe Culvert, with std. headwalls

ESTIMATED QUANTITIES
 Excav. 28.0 Cu. Yds.
 Conc. 1-5½ mix 2.0 Cu. Yds.
 Reinf steel 52 lbs.
 18" pipe for roadway culvert 43 lin. ft.

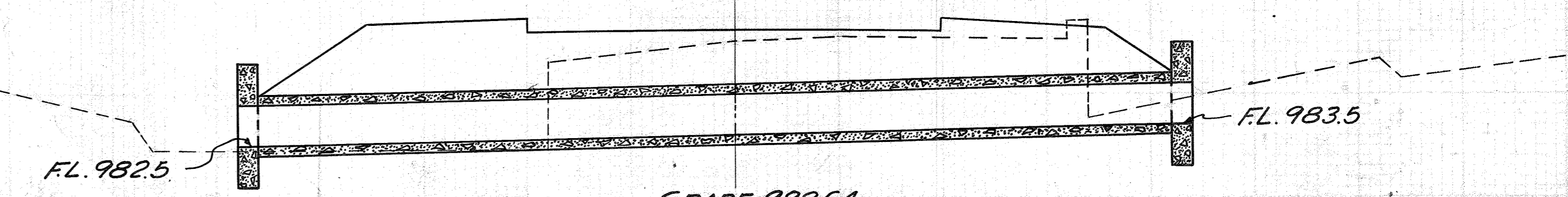


CROSS SECTION
 GRADE 990.81
 STA 194+35
 GROUND 991.0
 C-22
 STA. 194+35

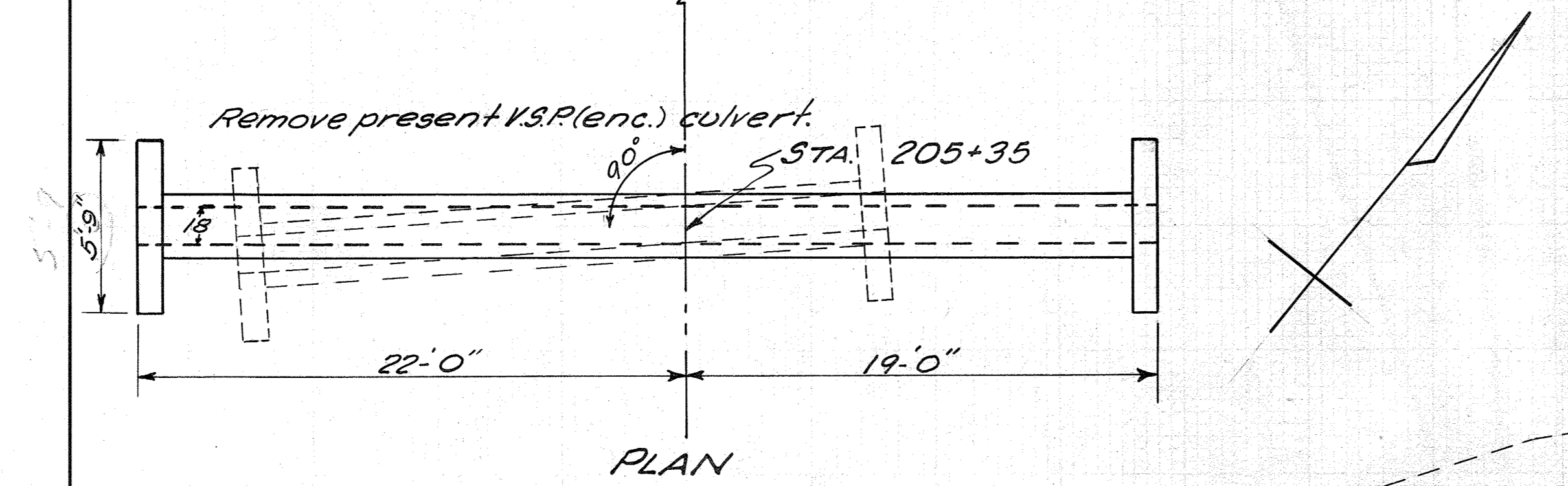


STRUCTURE DATA
 Type: Std. Pipe Culvert, Std. Dwg. #S-27 P.C. 1+2
 Size: 24" x 46"
 Work Req'd: Remove present 24" x 26' V.S.P. (enc.) culv. & build new std 24" x 46 pipe culvert, with std. headwalls.

ESTIMATED QUANTITIES
 Excav. 29.0 Cu. Yds.
 Conc. 1-5½ mix 2.8 Cu. Yds.
 Reinf steel 64 lbs.
 24" pipe for roadway culv. 46 lin. ft.

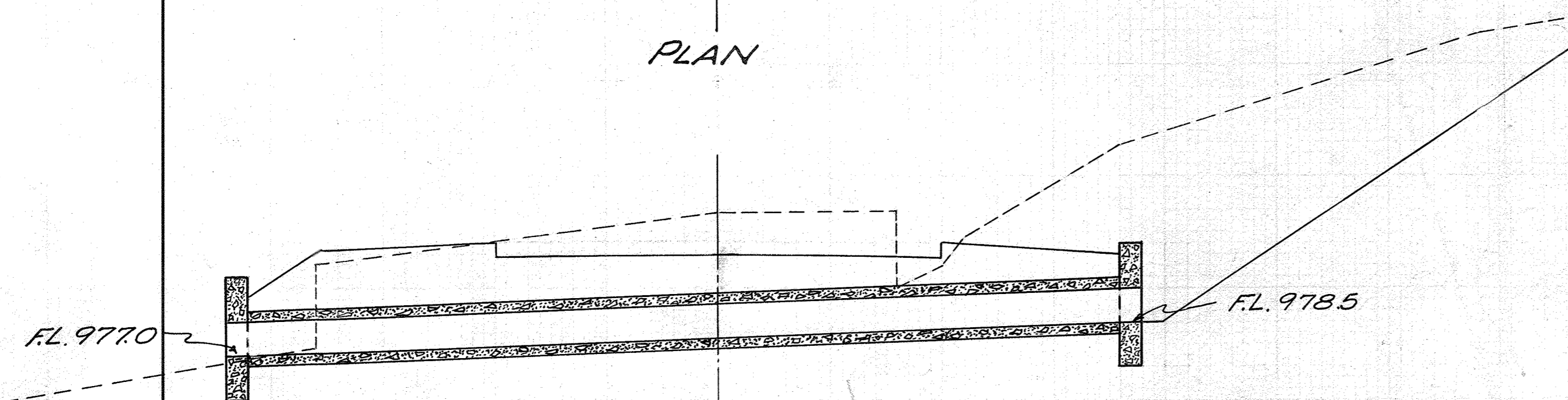


CROSS SECTION
 GRADE 988.64
 STA 202+68
 GROUND 987.4
 C-23
 STA 202+68

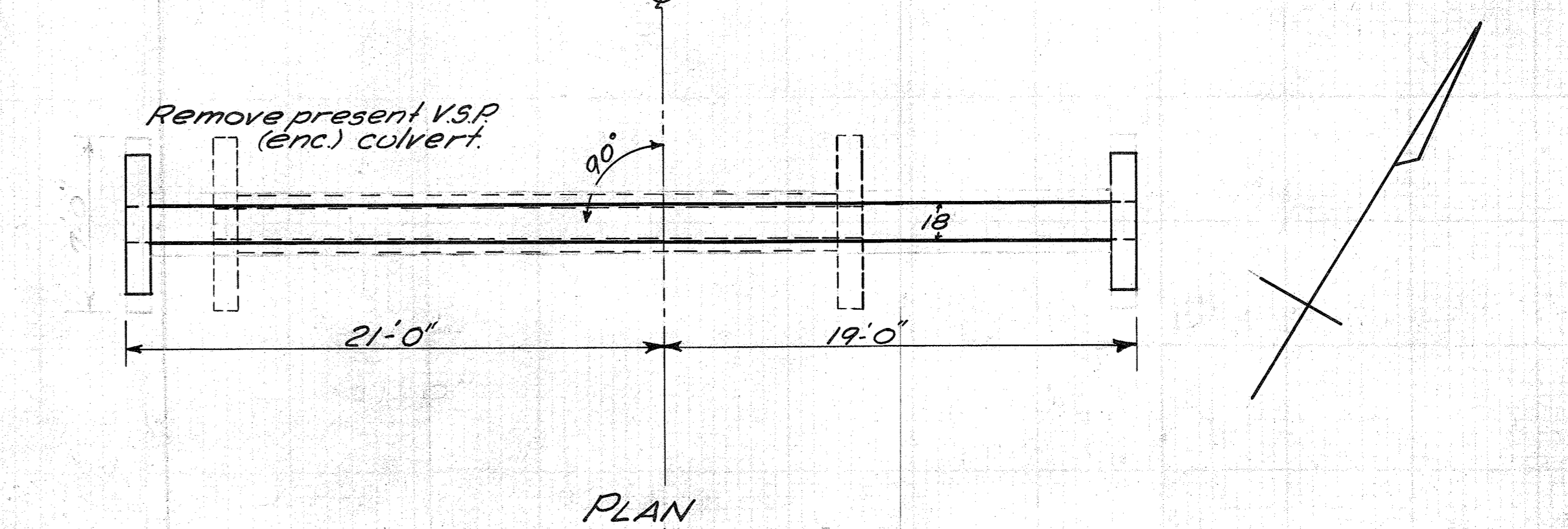


STRUCTURE DATA
 Type: Std. Pipe Culvert, Std. Dwg. No. S-27 P.C. H2
 Size: 18" x 41"
 Work Req'd: Remove present 18" x 26' V.S.P. (enc.) culv. & build new std. 18" x 41' pipe culvert, with std. headwalls.

ESTIMATED QUANTITIES
 Excav. 28.0 Cu. Yds.
 Conc. 1-5½ mix 2.0 Cu. Yds.
 Reinf steel 52 lbs.
 18" pipe for roadway culv. 41 lin. ft.

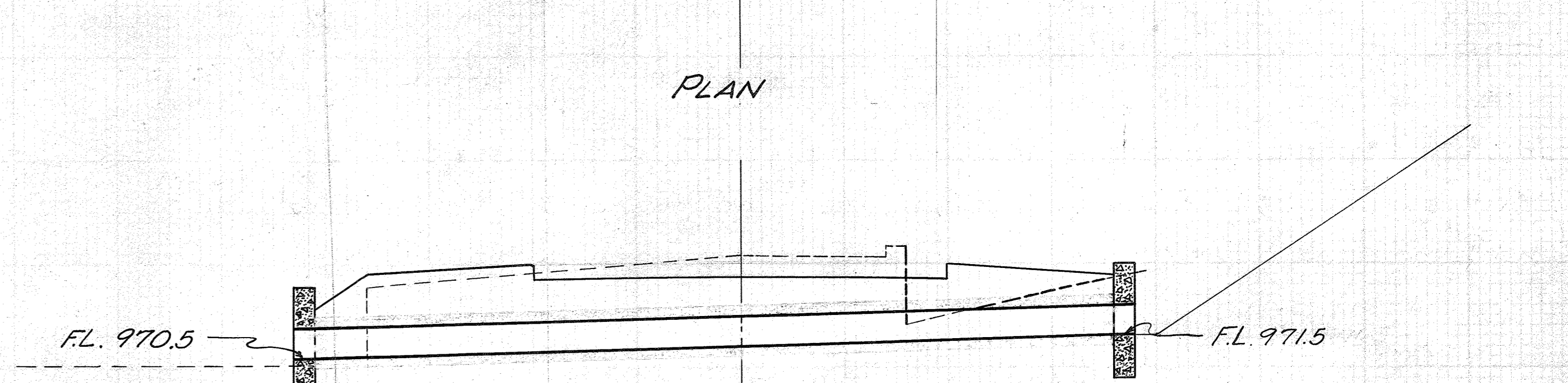


CROSS SECTION
 GRADE 982.08
 STA 205+35
 GROUND 983.3
 C-24
 STA 205+35



STRUCTURE DATA
 Type: Std. Cast Iron pipe culvert.
 Size: 18" x 40"
 Work Req'd: Remove present 18" x 26' V.S.P. (enc.) culvert & build new std 18" x 40' Cast Iron pipe culvert, with std. headwalls.

ESTIMATED QUANTITIES
 Excav. 23.0 Cu. Yds.
 Conc. 1-5½ mix 2.0 Cu. Yds.
 Reinf steel 52 lbs.
 18" Cast Iron pipe 40 lin. ft.



CROSS SECTION
 GRADE 975.20
 STA 209+22
 GROUND 975.45
 C-25
 STA 209+22

