

STATE OF OHIO
DEPARTMENT OF HIGHWAYS

MANSFIELD-GALION-ROAD

S.H.(I.C.H.) 202

SEC. GALION & H-1

CRAWFORD

COUNTY

POLK TOWNSHIP

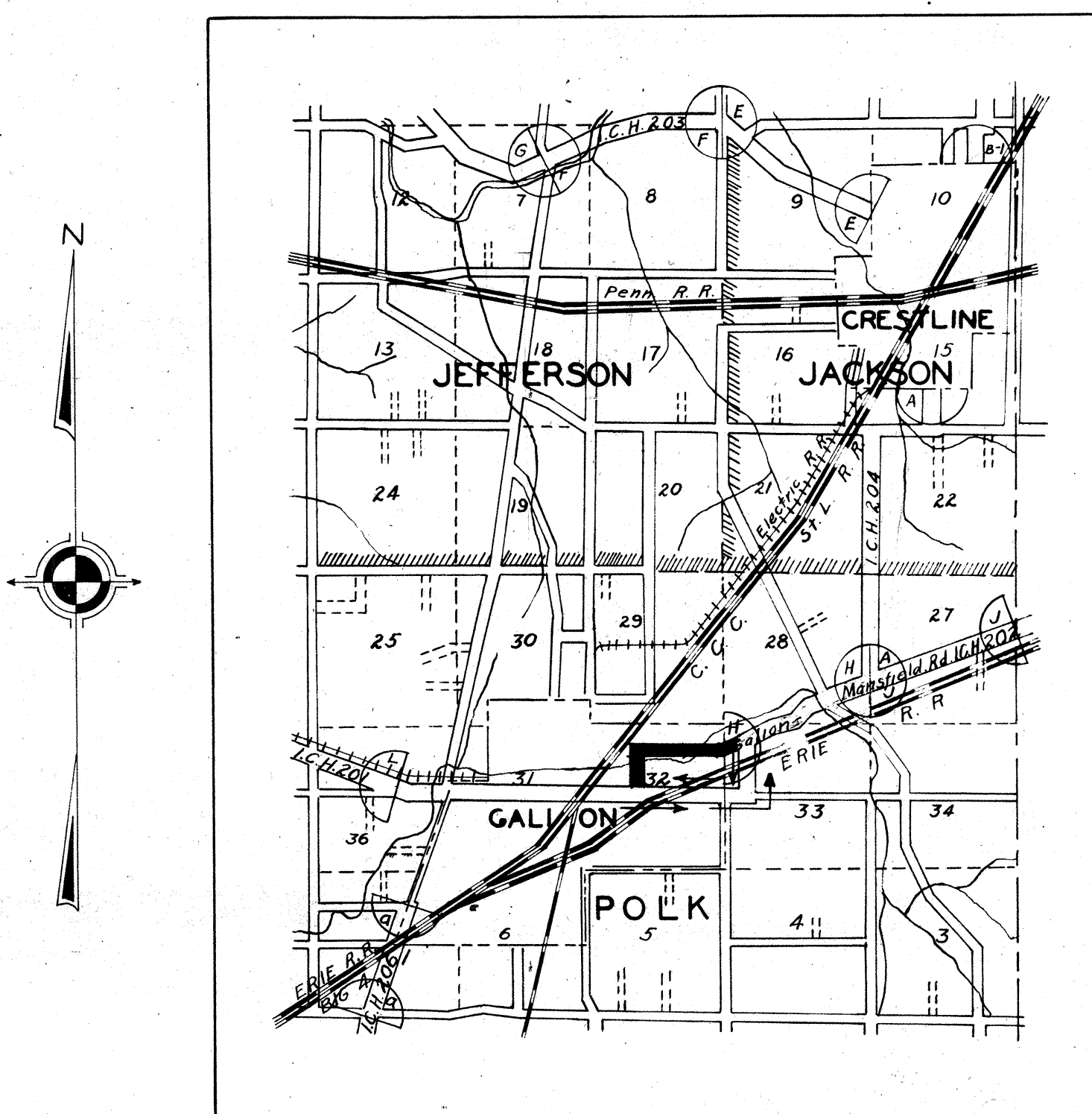
1931

The Standard Specifications of the STATE OF OHIO, Department of Highways, in force on date of contract will govern this improvement.

I hereby approve these plans and declare that the making of this improvement will require the closing to traffic of the highway and that detours will be provided as shown on the plan and estimates. R/W has been provided.

CONVENTIONAL SIGNS

COUNTY LINE	-----
TOWNSHIP LINE	-----
SECTION LINE	-----
PROPERTY LINE	-----
CENTER LINE	-----
CITY OR VILLAGE	-----
FENCE	-x-x-
STEAM RAILROAD	====
ELECTRIC LINE	++++
GUARD RAIL	-----
BRIDGE	⊞



LOCATION PLAN

SCALE OF MILES



Portion to be improved

Detours shown thus

INDEX

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SUPPLEMENTAL STANDARD DRAWINGS NO. 129, 300 & 305

Approved: Chas. J. McNeal
Date: 7-1-31 Resident District
Deputy Director

Approved: F. B. Bunde
Date: 7-16-31 Resident Division
Deputy Director

Approved: H. P. Chapman
Date: 8-7-31 Chief Engineer
First Asst. Director

Approved: Oliver Menel
Date: 8-10-31 State Highway Director

Approved: Elmer Hilly
Date: 8-10-31 Deputy Director and Chief
Engineer of Construction

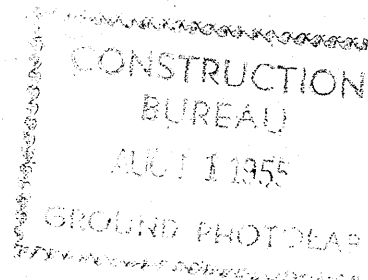
Approved: _____
Date: _____ Deputy Director and Chief
Engineer of Bridges

Approved: _____
Date: _____ Deputy Director

Recommended for Approval _____
Date: _____ Dist. Engr., Bureau of Public Roads.

Recommended for Approval _____
Date: _____ Chief Engr., Bureau of Public Roads.

Approved: _____
Date: _____ Chief of Bureau.



Cra. 30^s-3.98

Crawford 202 Galion & H-1

1931 Contract No. 4968
Letting Date 9-11-31

R.M.Y.-8.6.31

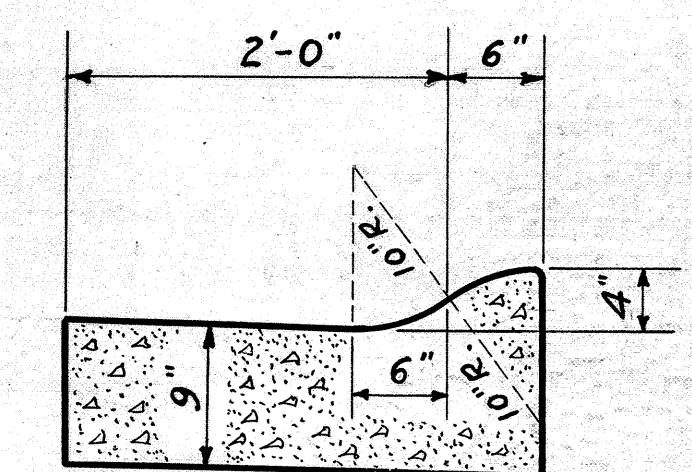
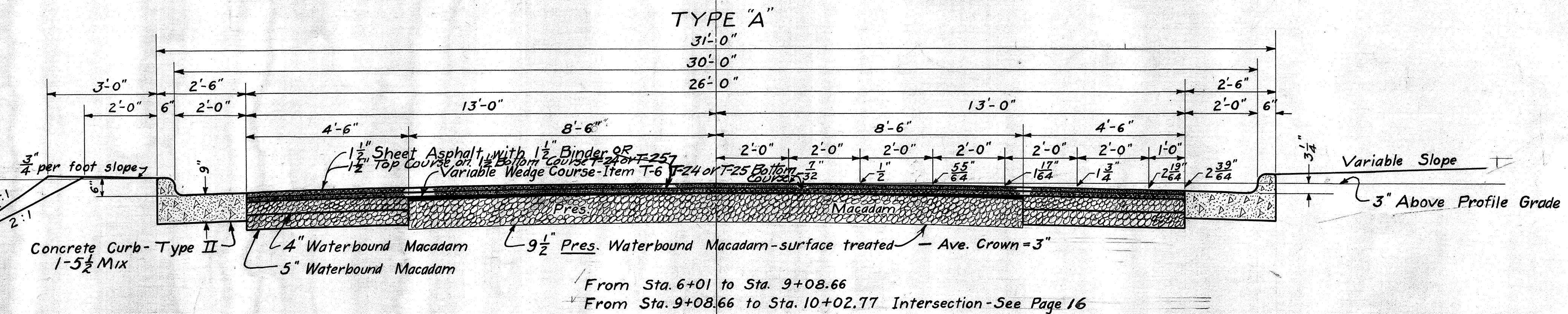
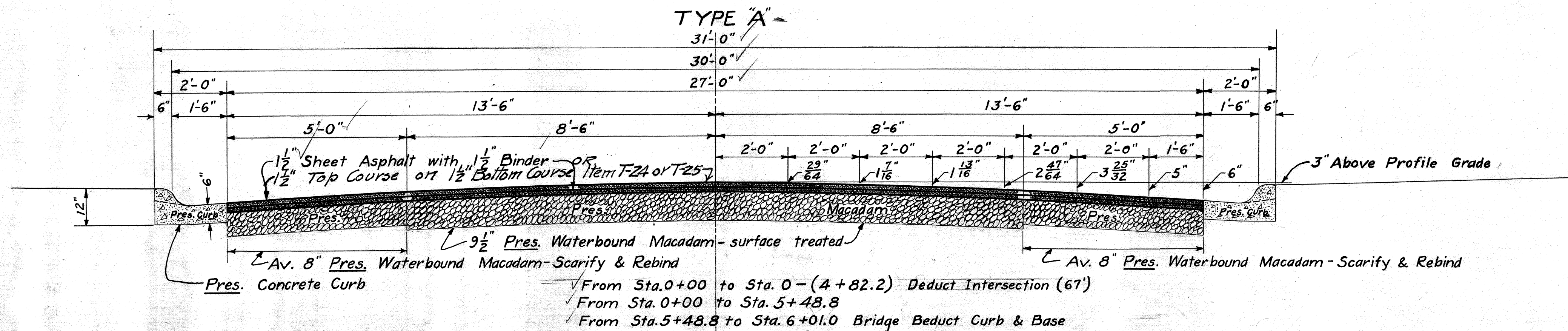
TYPICAL CROSS-SECTIONS

FED. RD. DIST. NO.	STATE	FED. AID PROJECT	FISCAL YEAR
10	OHIO		1931

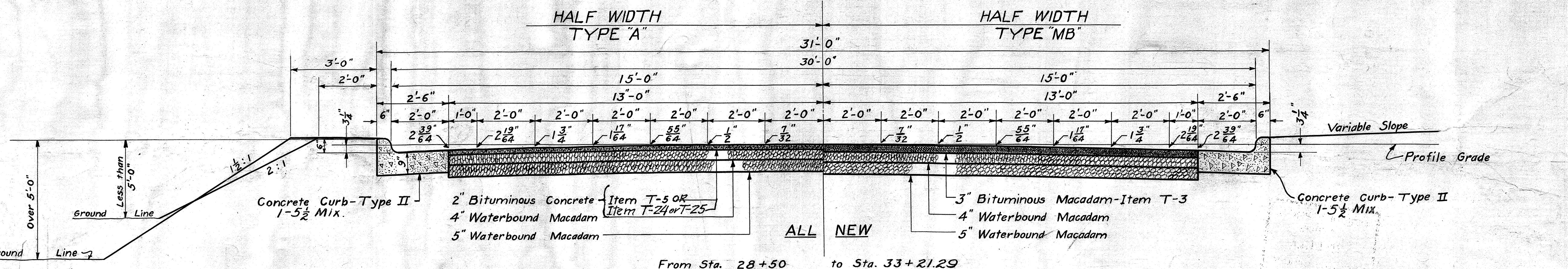
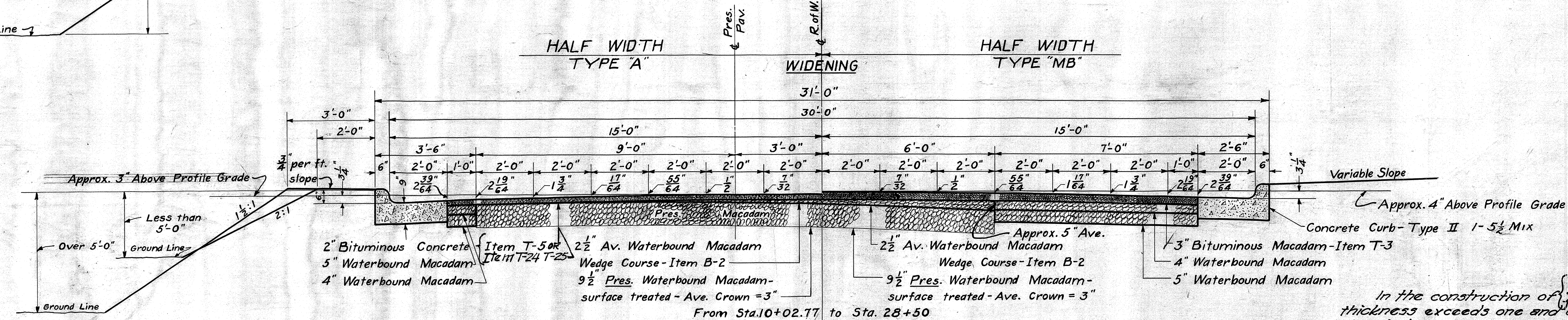
2
21

SH. (I.C.H.) 202 - SEC. GALION & H-1 CRAWFORD COUNTY

Sta.	THICKNESS OF PRES. PAVMENT	
	Depth L. side of Pav.	R. side of Pav.
0		9 1/2"
4	11"	
8	9"	
12		9"
16	9"	
20		9"
24		9"
28	10 1/2"	
32		9"
36		9"
40	10"	
44	9"	
48		9"
52	9"	



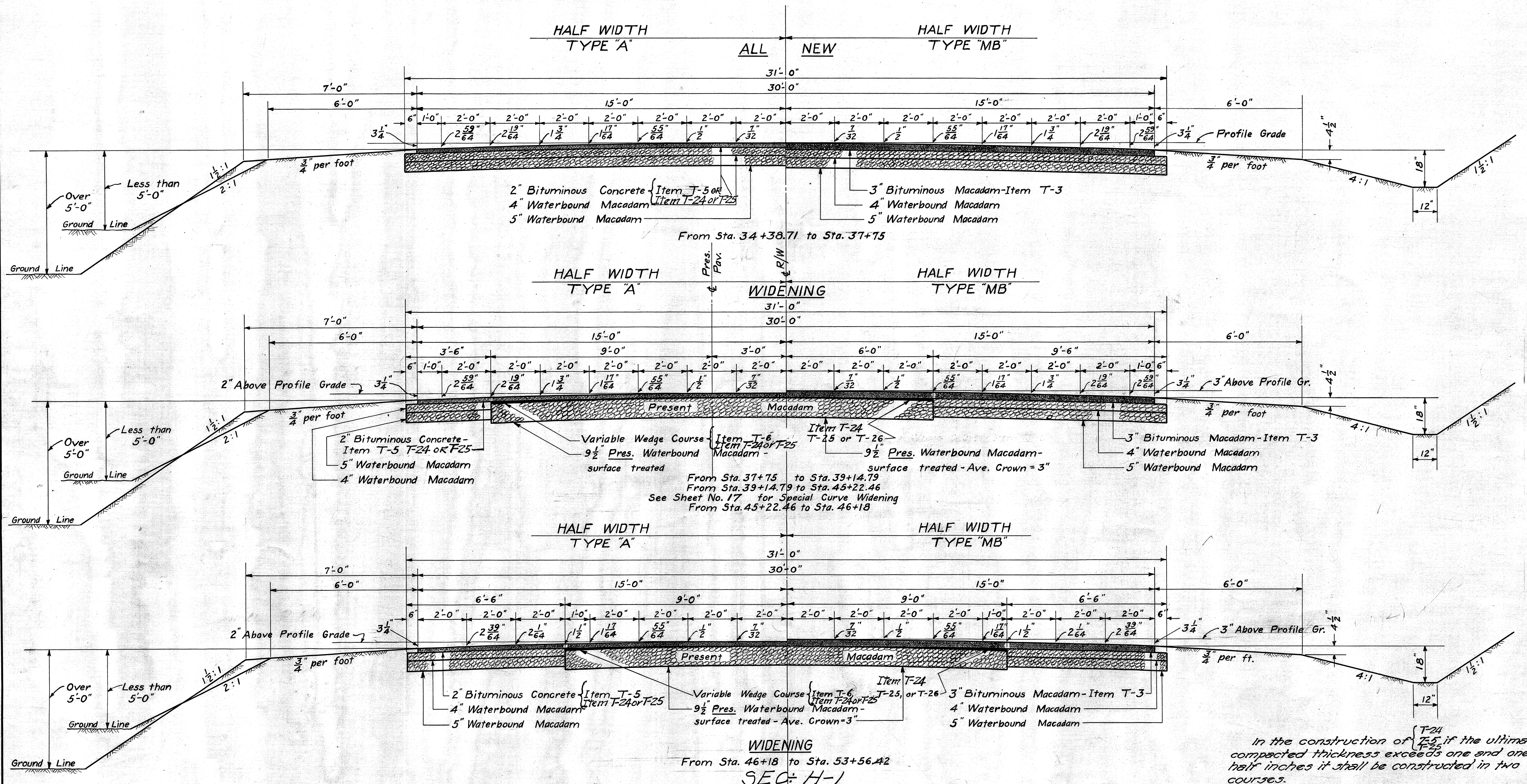
All corners edged with 1" radius
TYPICAL SECTION OF CURB AT DRIVEWAYS



In the construction of T-24 if the ultimate compacted thickness exceeds one and one-half inches it shall be constructed in two courses.

APPROVED
Wm. L. Muller
Resident District Deputy Director

TYPICAL CROSS-SECTIONS

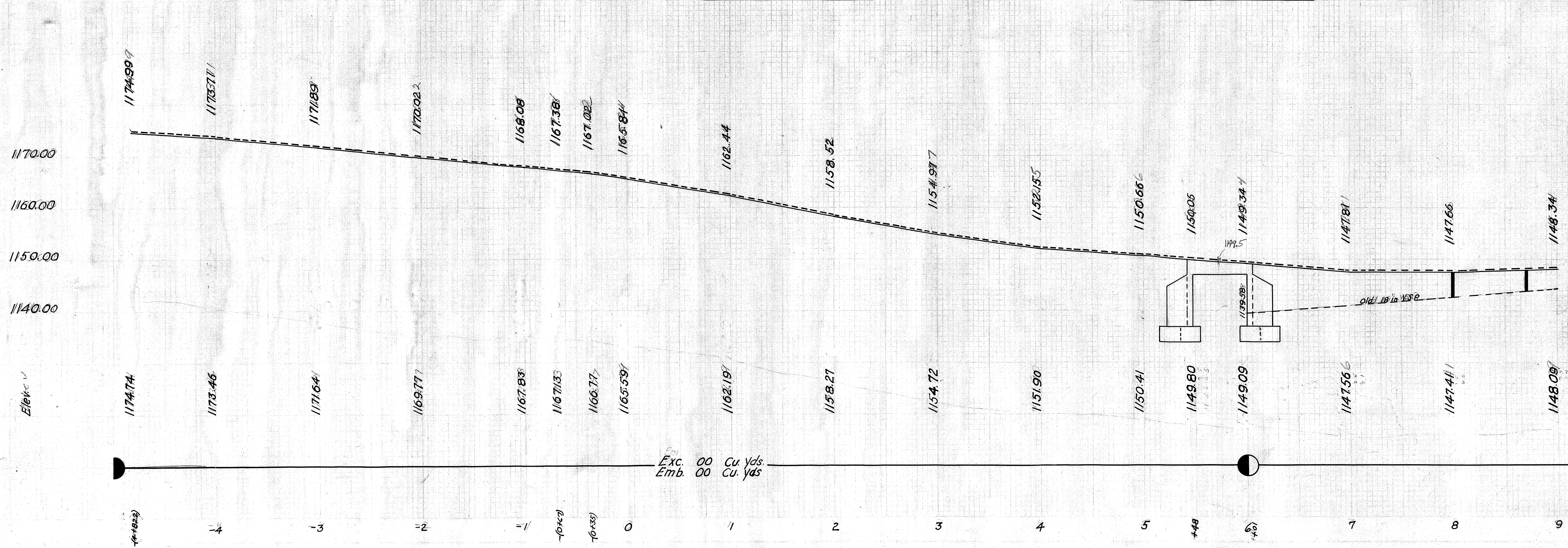
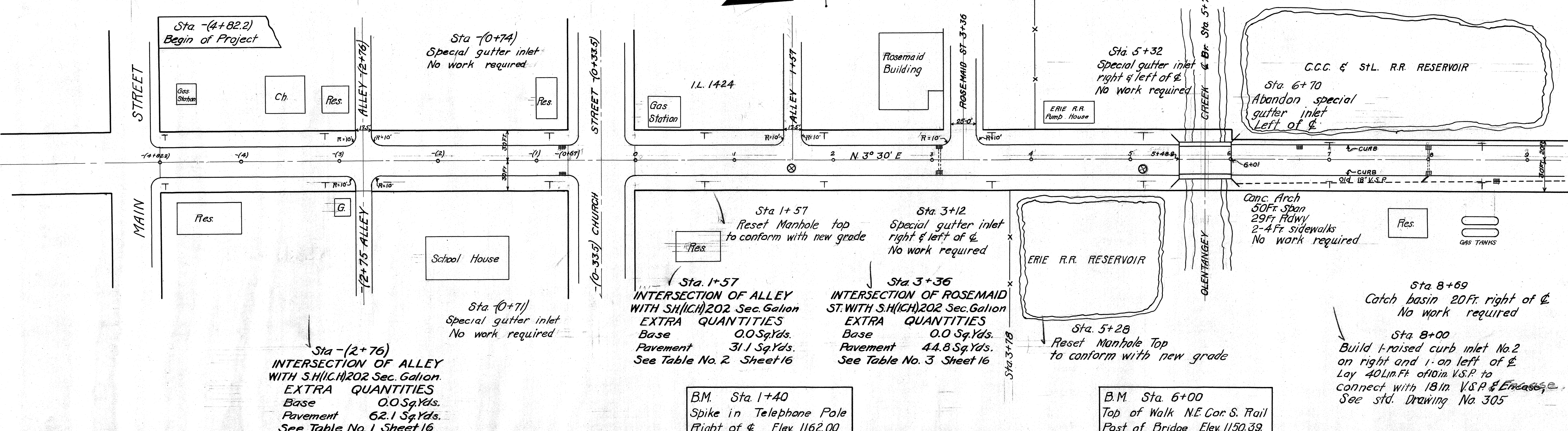


FED. RD. DIST. NO.	STATE	FED. AID PROJECT	FISCAL YEAR
10	OHIO	571-D	1931

4
2.1

S.H.(ICH)202 SEC. GALION & H-I CRAWFORD COUNTY

Sta. 5+74.9
EAST STREET BRIDGE
EXTRA QUANTITIES
Base 0.0 Sq.Yds.
Pavement 11.6 Sq.Yds.
See Table No. 4 Sheet 16



FED. RD. DIST. NO.	STATE	FED. AID PROJECT	FISCAL YEAR
10	OHIO		1931

SH. (I.C.H.) 202 CRAWFORD
 SEC. GALION & H. COUNTY

5
21

FROM STA. 9+08.66 TO STA. 10+02.77
 INTERSECTION OF EAST & CHARLES STS.
 EXTRA QUANTITIES
 Base 107.1 SqYds. ✓
 Pavement 401.14 SqYds. ✓
 See Table No. 5 Sheet 16

From Sta. 9+40 to Sta. 16+40
 Lay 700 Lin. Ft. of 1/2 in. V.S.P. 20 ft. left of C. Connect with old 12 in. V.S.P. at Sta. 9+40

Curve Data
 $\Delta = 90^\circ 25' R.$
 $D = 150'$
 $E = 16'$
 $T = 38.46$
 $L = 60.27$
 $R = 38.2$

(Sta. 9+88)
 At 25 ft. North of P.I.
 Build 31 Lin. ft. of 6 in. x 12 in. concrete header
 See Table 5 Sheet 16

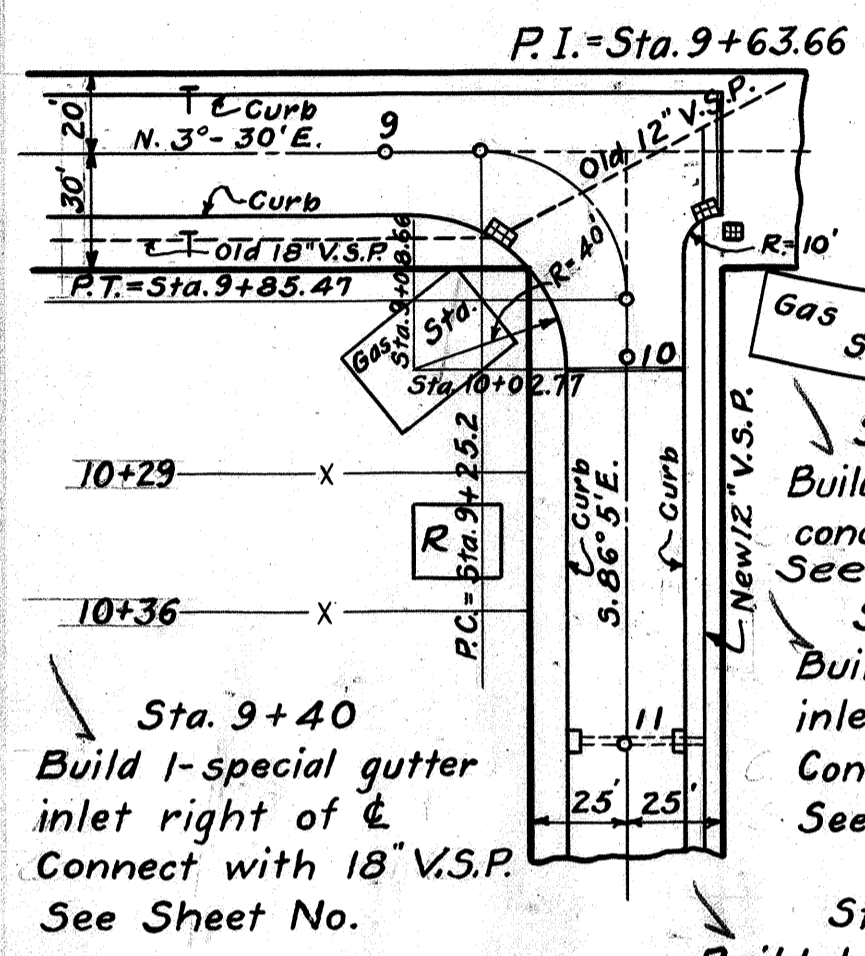
Sta. 13+05
 Build 1-Std. No. 1 side ditch inlet left of C
 See Std. Dr. No. 305

Sta. 16+00
 Build 1-Std. No. 1 side ditch inlet left of C
 See Std. Dr. No. 305

Sta. 17+15
 Build 1-raised curb inlet No. 2 on right and 1-on left of C
 Connect with 24 in. Std. I. Pipe Culvert.
 See Std. Dr. No. 305

Sta. 21+40
 Build 1-Std. No. 1 side ditch inlet left of C.
 See Std. Dr. No. 305

Sta. 22+04.5
 $\Delta = 0^\circ 13' R.$



Sta. 10+02.77
 Build 31 Lin. ft. of 6 in. x 12 in. concrete header
 See Table 5 Sheet 16

Sta. 11+00
 Build 1-raised curb inlet No. 2 on right and 1-on left of C
 Lay 40 Lin. ft. of 1/2 in. V.S.P. to connect with 12 in. V.S.P. & Encase
 See Std. Dr. No. 305

Sta. 16+40
 Build 1-raised curb inlet No. 2 on right and 1-on left of C
 Lay 40 Lin. Ft. of 1/2 in. V.S.P. to connect with 12 in. V.S.P. & Encase
 See Std. Dr. No. 305

Sta. 17+00
 Abandon old 12 in V.S.P. and 15" V.S.P. Culvs.

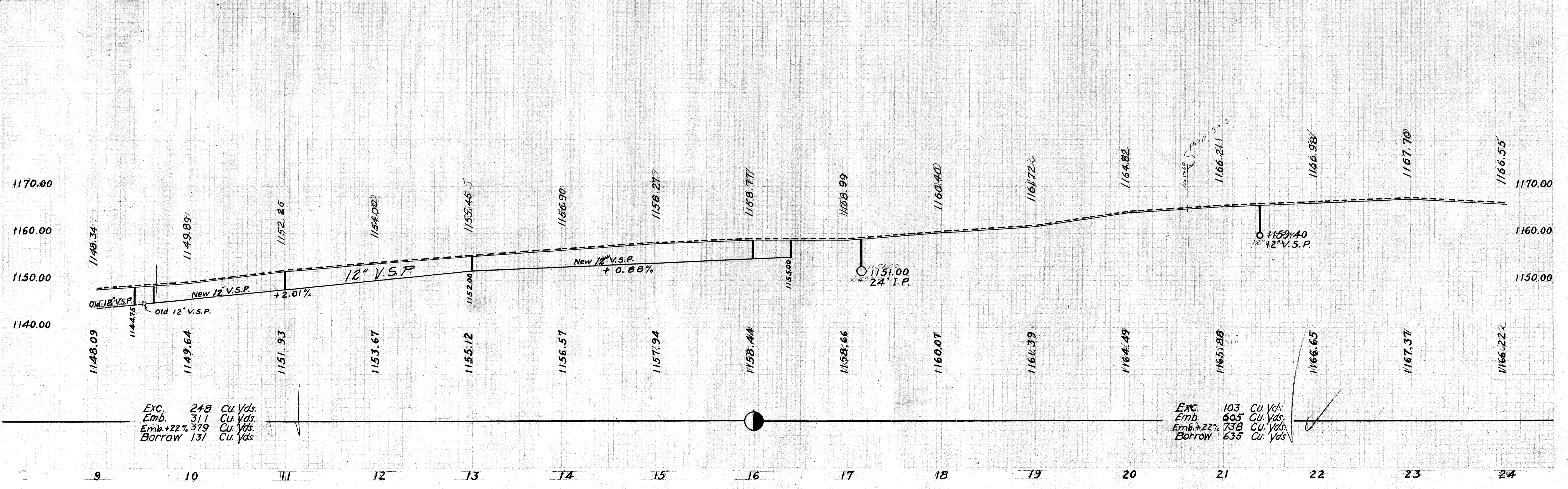
Sta. 17+15
 Build 24 in x 54 ft. Std. I. Pipe Culvert
 Build 2-Std. concrete headwalls.
 See Std. Dr. No. 300

Sta. 21+40
 Present Type 12 in. x 45 ft. V.S.P. Extend 8 ft. on South End
 Build 1-Std. concrete headwall South end.
 See Std. Dr. No. 300

Sta. 21+40
 Build 1-raised curb inlet No. 2 on right and 1-on left of C.
 Connect with 12 in. V.S.P. Culvert.
 See Std. Dr. No. 305

B.M. Sta. 10+00
 S.E. Cor. E. End Foundation Gas Pump L. of C. Elev. 1150.38

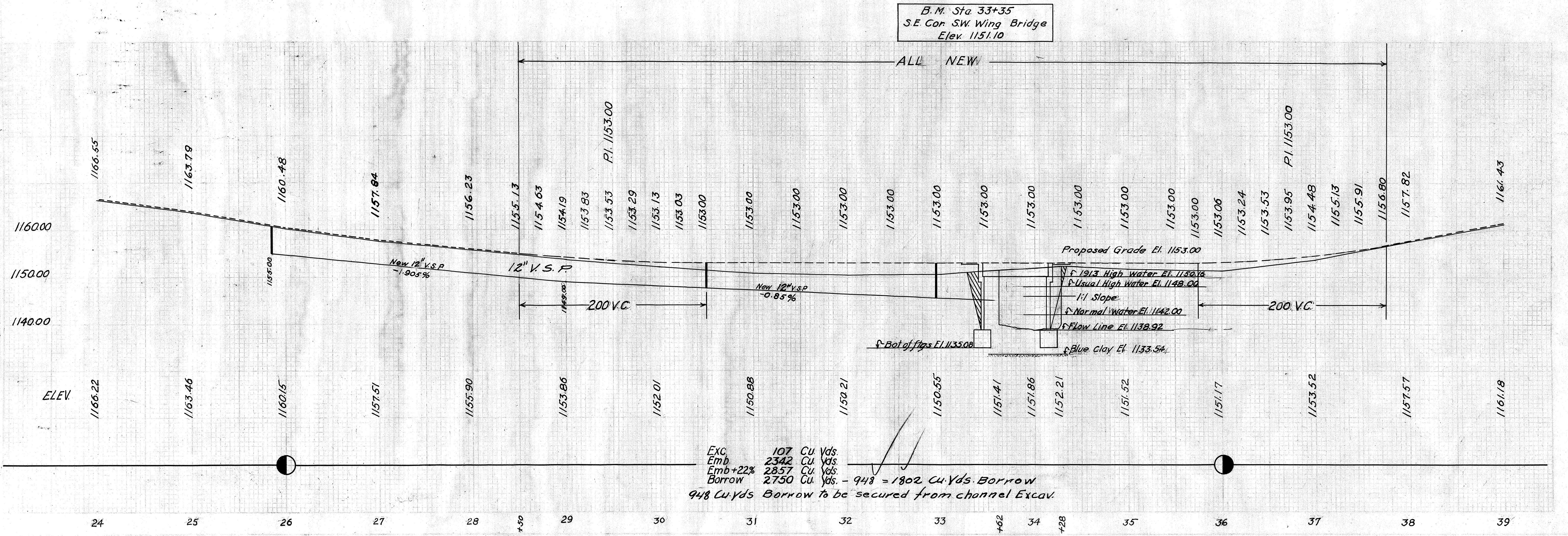
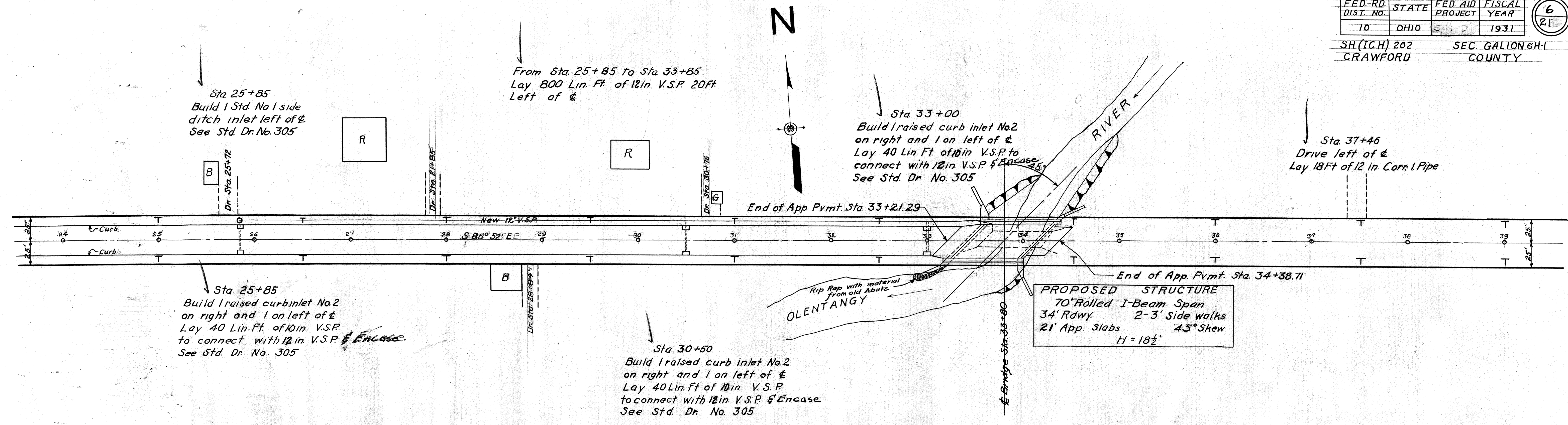
B.M. Sta. 22+00
 Spike in Telephone Pole R. of C. Elev. 1167.63

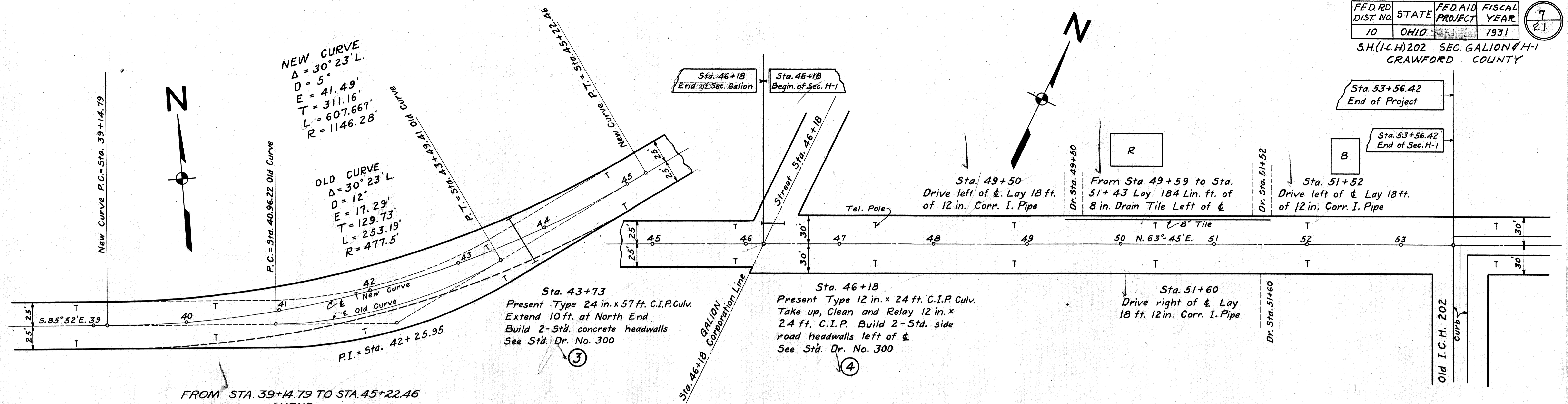


FED. RD. DIST. NO.	STATE	FED. AID PROJECT	FISCAL YEAR
10	OHIO		1931

6
21

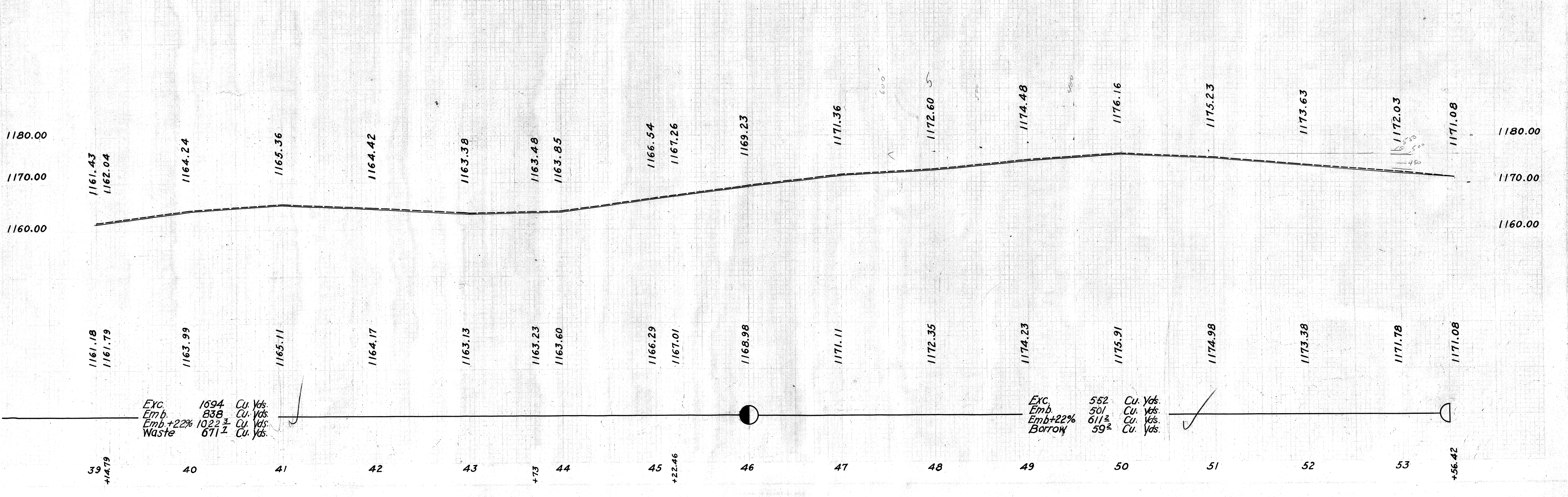
SH (ICH) 202 CRAWFORD
SEC. GALION & H. COUNTY





B.M. Sta. 46+50
 Spike in Telephone Pole
 L. of & Elev. 1172.00

B.M. Sta. 54+00
 Spike in Telephone Pole
 L. of & Elev. 1170.25



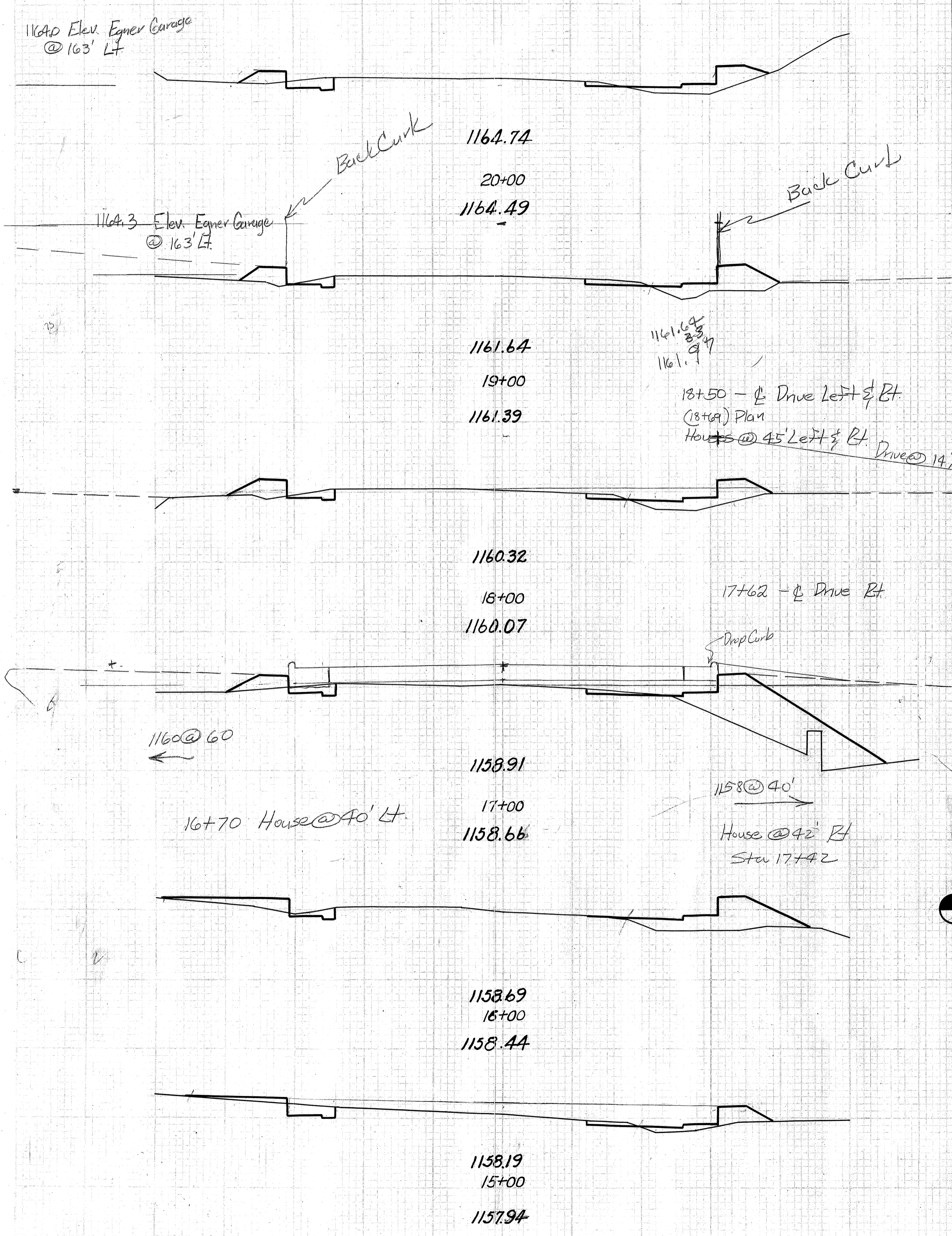
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25 20 15 10 5 0 5 10 15 20 25

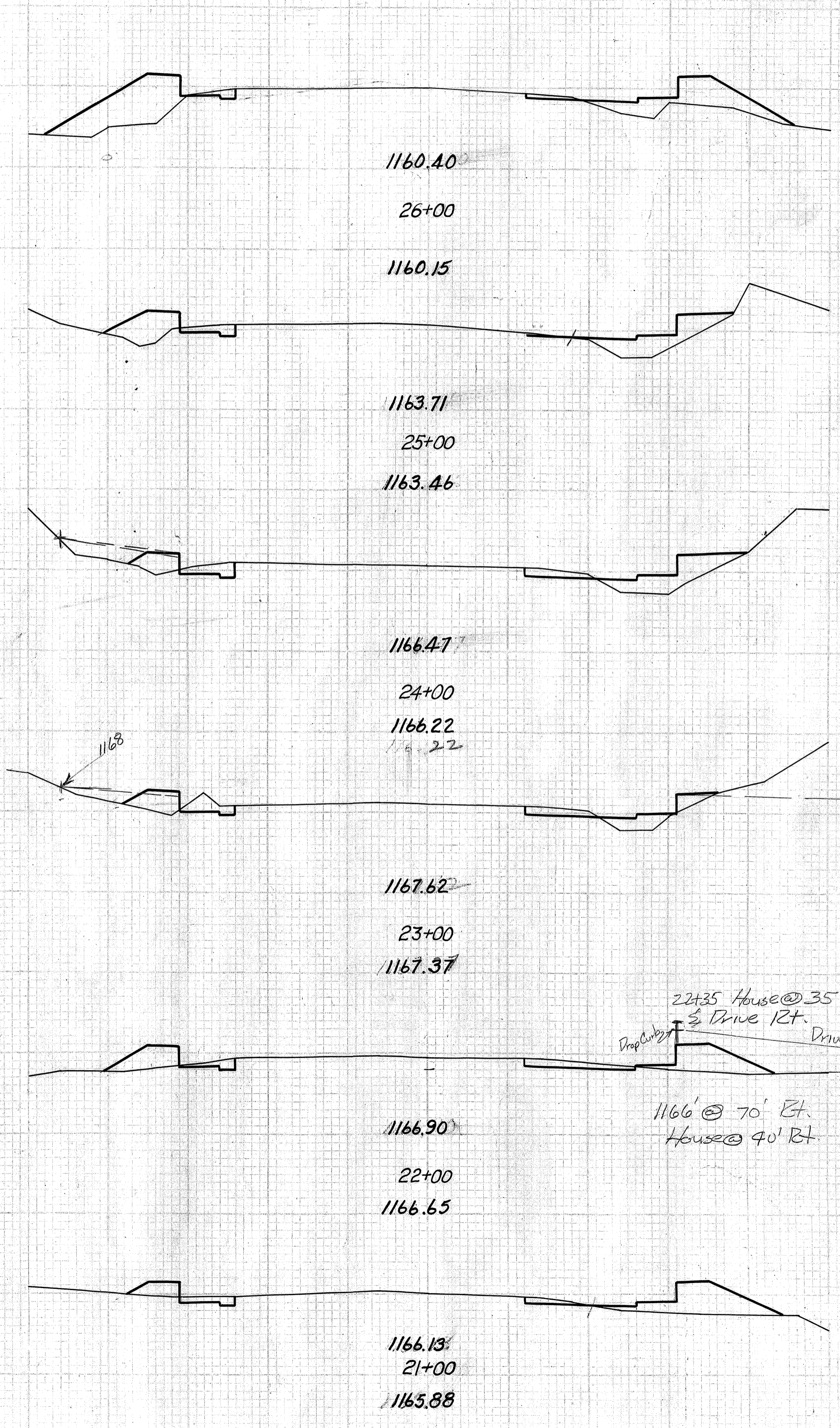
FED. RD. DIST. NO.	STATE	FED. AID PROJECT	FISCAL YEAR
10	OHIO		1931

SH (14) 202 CRAWFORD
SEC. GALION H-I COUNTY

9
21



END AREA	CU.		YDS.
	CUT	FILL	
3	11		
11	46		
3	14		
9	50		
2	13		
7	94		
2	38		
7	109		
2	21		
9	52		
3	7		
13	30		



END AREA	CU.		YDS.
	CUT	FILL	
2	28		
		6	82
1	16		
		9	52
4	12		
		17	35
5	7		
		17	35
4	12		
		11	52
2	16		
		9	50

Exc. Emb. + 22% Borrow
103 Cu. Yds.
605
938
738
635

4 9

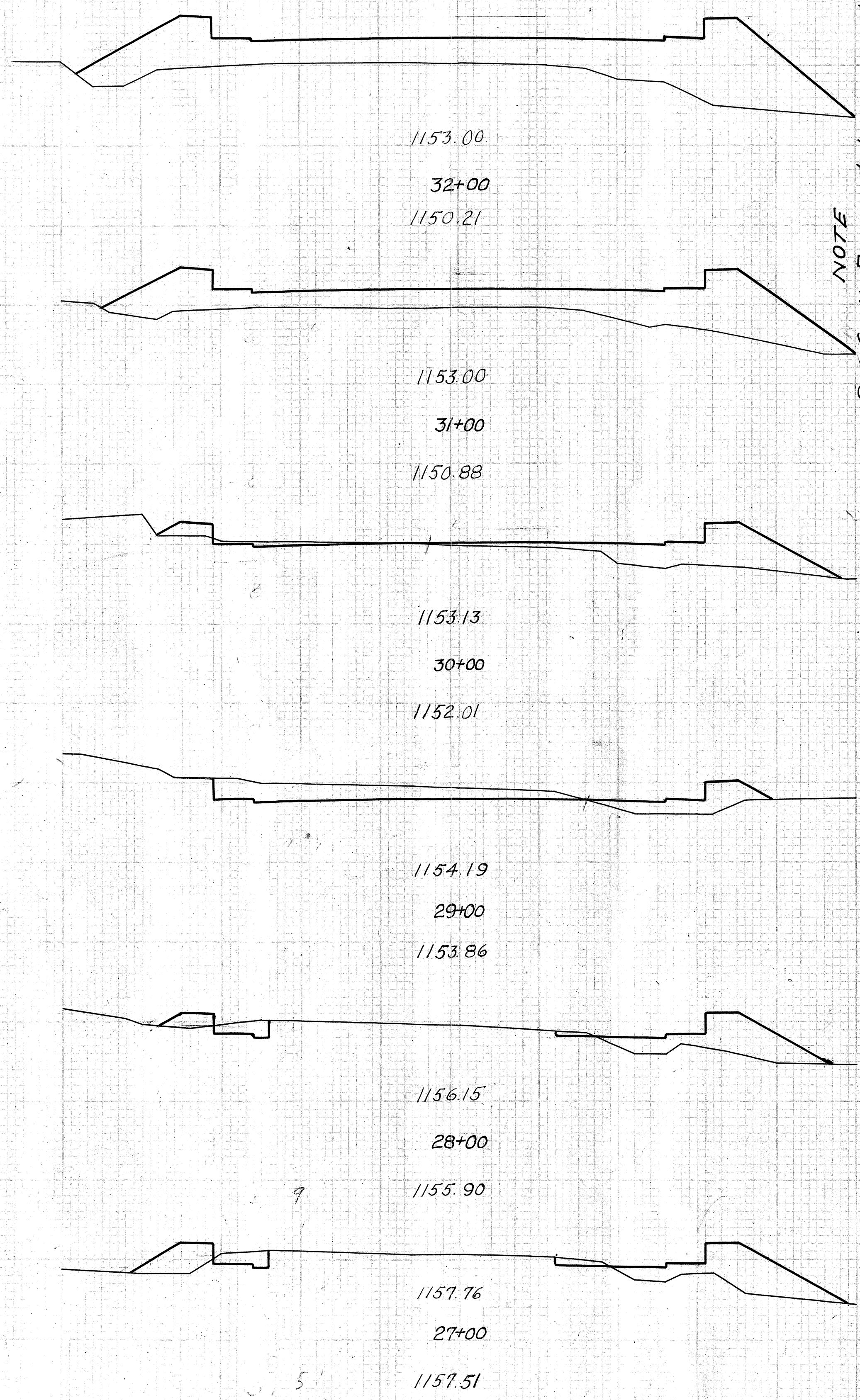
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25 20 15 10 5 0 5 10 15 20 25

FED. RD DIST. NO.	STATE	FED. AID PROJECT	FISCAL YEAR
10	OHIO	5110	1931

10
21

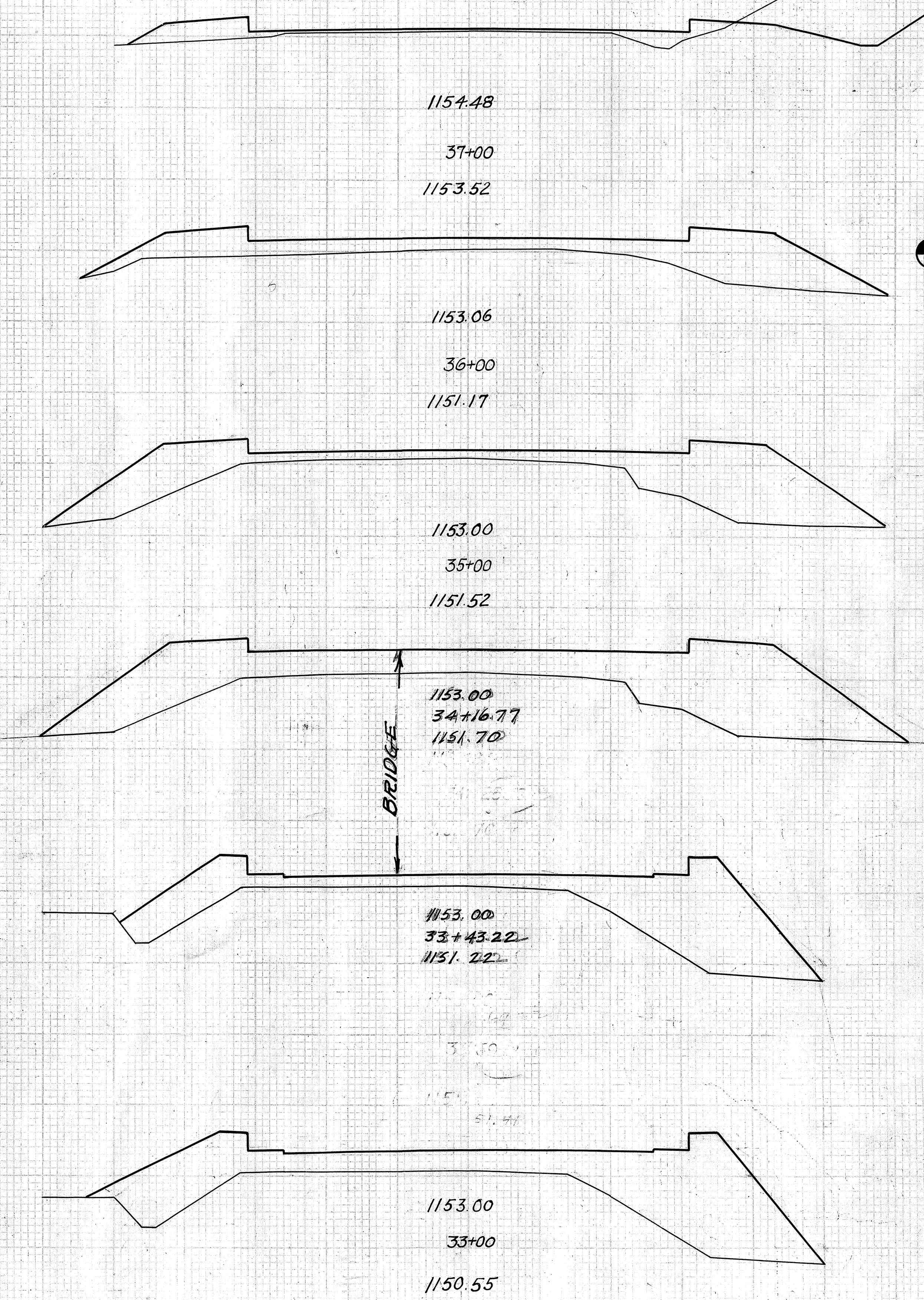
SH (ICH) 202 CRAWFORD SEC. GALION H-I COUNTY



NOTE
948 Cu. Yds. Borrow to be secured from Channel Excavation.

Exc. 107 Cu. Yds.
Emb. 2342 " "
Emb. + 22% 2857 " "
Borrow 2750 " "
948 Cu. Yds = 1802 Cu. Yds. Borrow.

END AREA		CU. YDS.	
CUT	FILL	CUT	FILL
0	108	0	350
0	81	2	202
1	28	39	70
20	10	44	57
4	21	13	85
3	25	9	98



END AREA		CU. YDS.	
CUT	FILL	CUT	FILL
45	22	83	250
0	113	0	380
0	92	0	405
0	171	0	0
0	115	0	214
0	152	0	481

2 28

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

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

FED. RD. DIST. NO.	STATE	FED. AID PROJECT	FISCAL YEAR
10	OHIO		1931

S.H. (C.H.) 202 CRAWFORD
 SEC. GALION & H-1 COUNTY

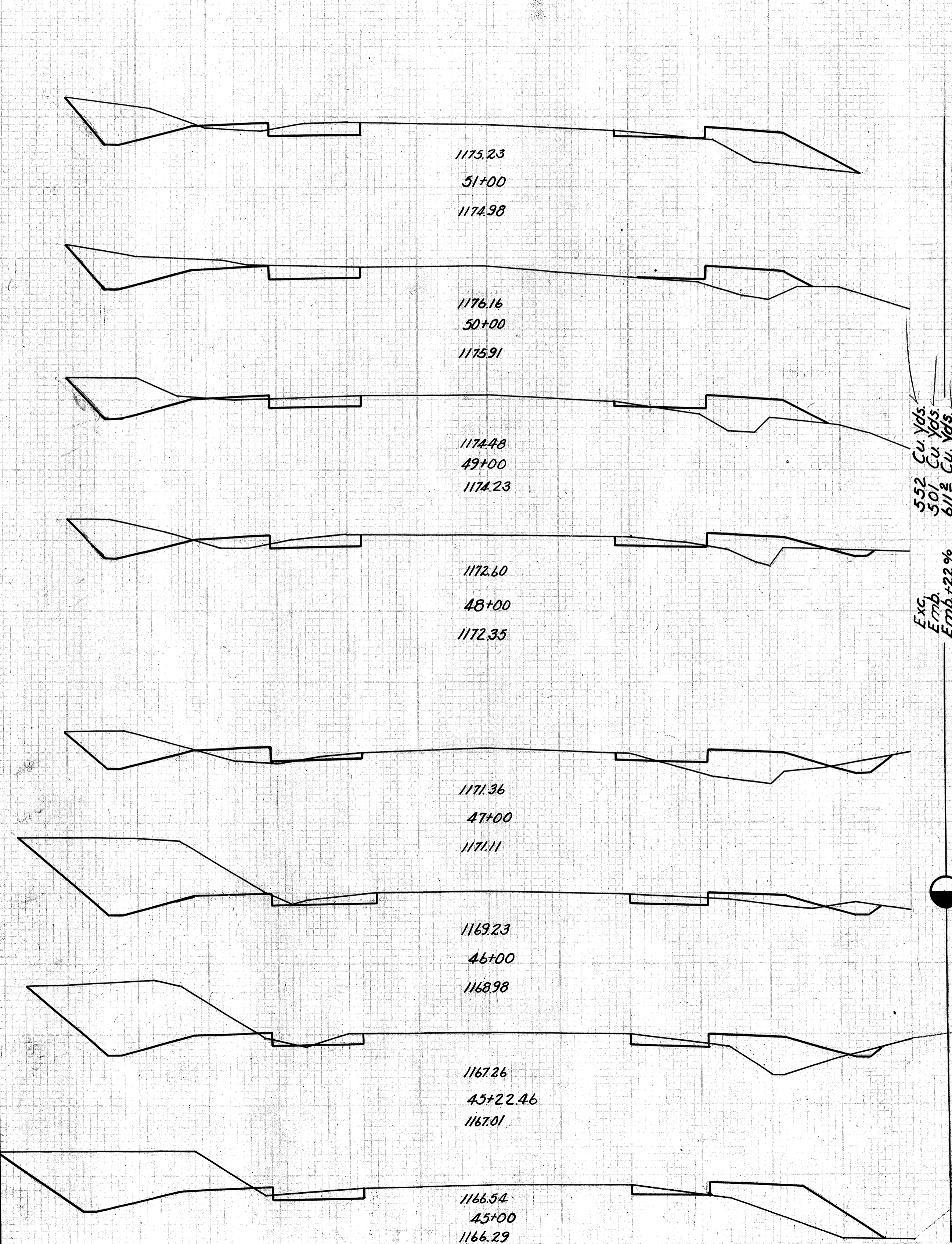
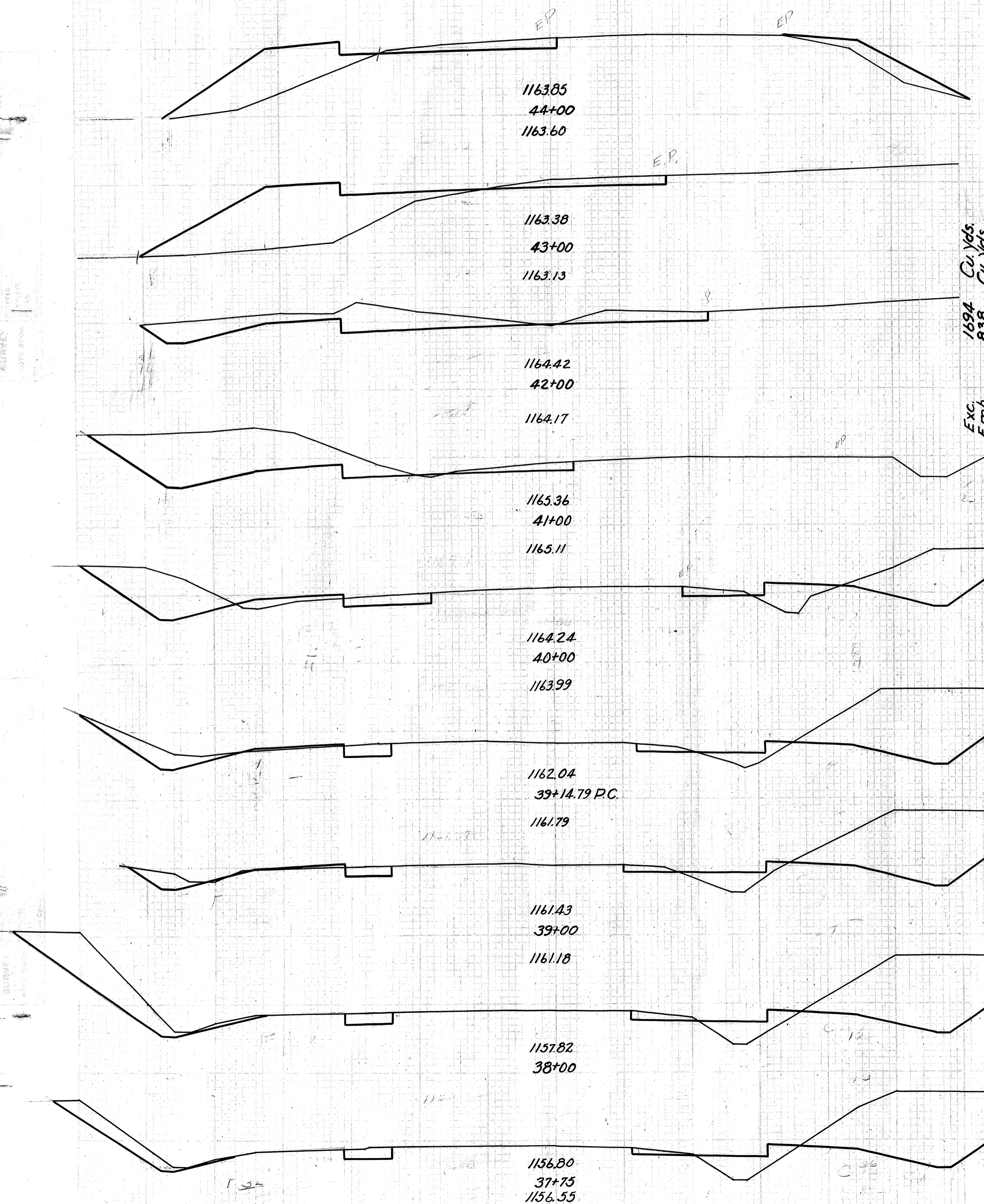
11
21

END AREA		CU. YDS.	
CUT	FILL	CUT	FILL
7	42		
28	187		
8	59		
83	109		
37	0		
176	2		
58	1		
217	22		
59	11		
207	27		
72	6		
39	4		
67	8		
296	30		
93	8		
77	8		
74	9		
165	43		

END AREA		CU. YDS.	
CUT	FILL	CUT	FILL
24	19		
		85	59
22	13		
		78	52
20	15		
		78	54
22	14		
		76	63
19	20		
		156	43
65	3		
		168	26
52	15		
		44	11
53	22		
		111	119

Exc. Emb. +22% Borrow
 1694 Cu. Yds.
 838 Cu. Yds.
 1022 Cu. Yds.
 677 Cu. Yds.

Exc. Emb. +22% Borrow
 532 Cu. Yds.
 501 Cu. Yds.
 612 Cu. Yds.
 592 Cu. Yds.



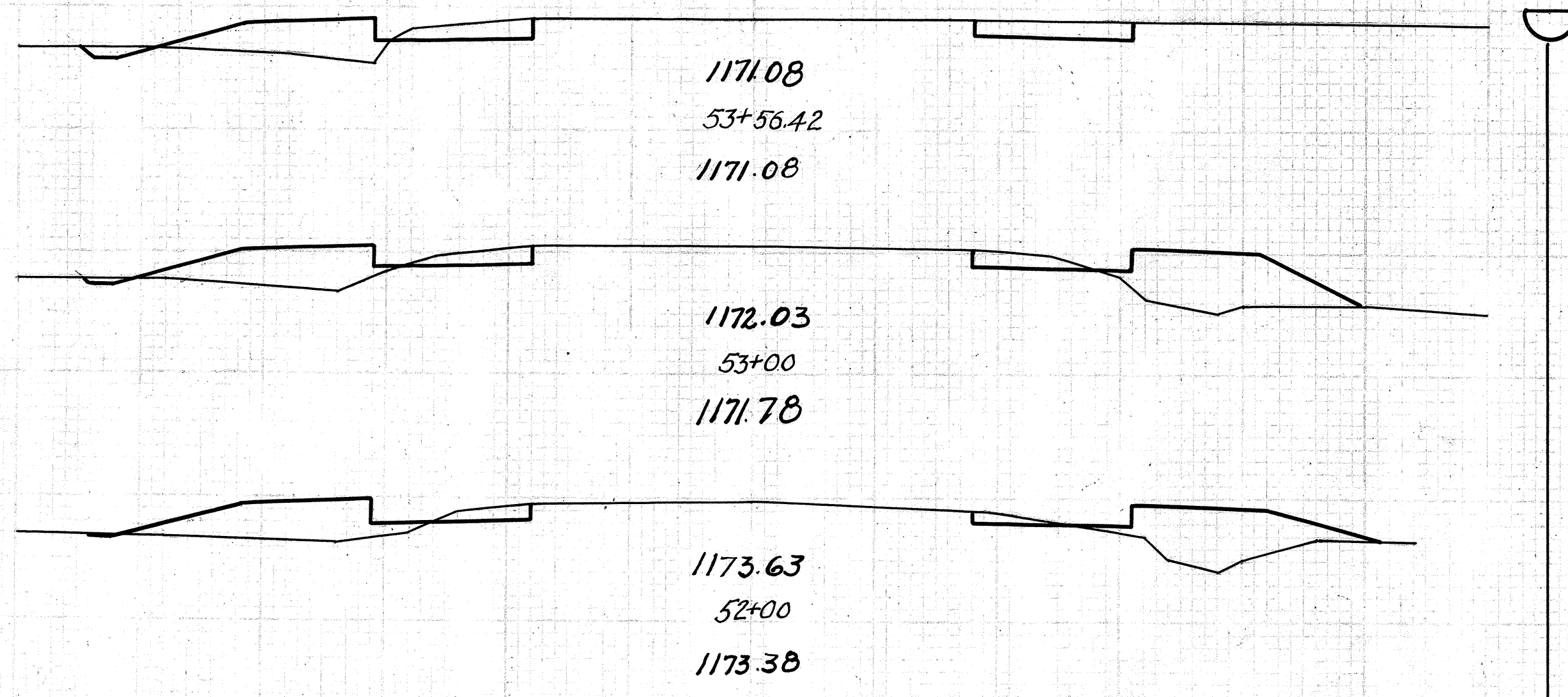
30 25 20 15 10 5 0 5 10 15 20 25 30

2

FED. RD. DIST. NO.	STATE	FED. AID PROJECT	FISCAL YEAR	12 21
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SH. (I.C.H.) 202 SEC. GALION & H-1
CRAWFORD COUNTY

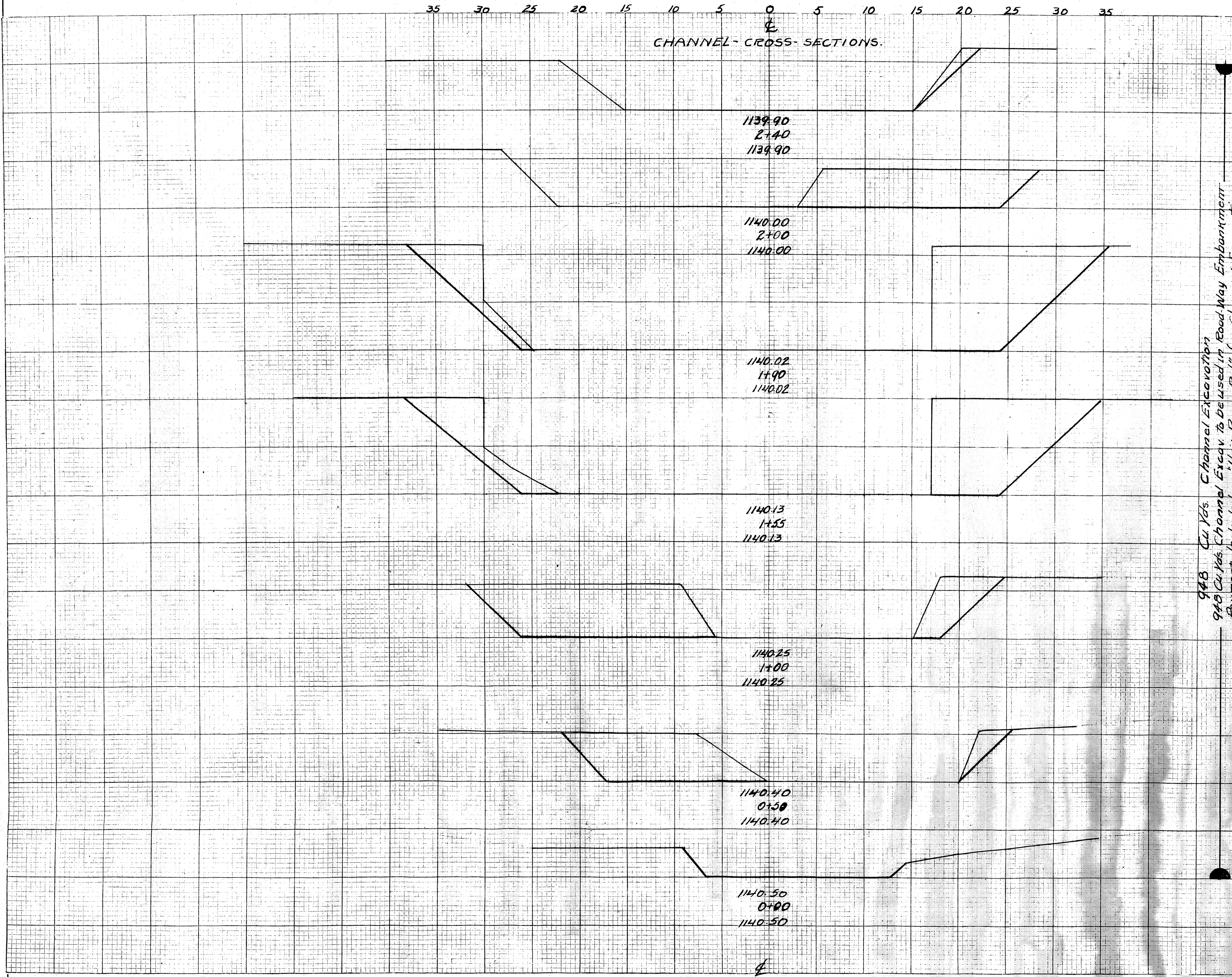
END AREA		CU. Yds	
CUT	FILL	CUT	FILL
8	9		
		14	39
5	28		
		15	104
3	28		
		50	87



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

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

CHANNEL - CROSS SECTIONS.

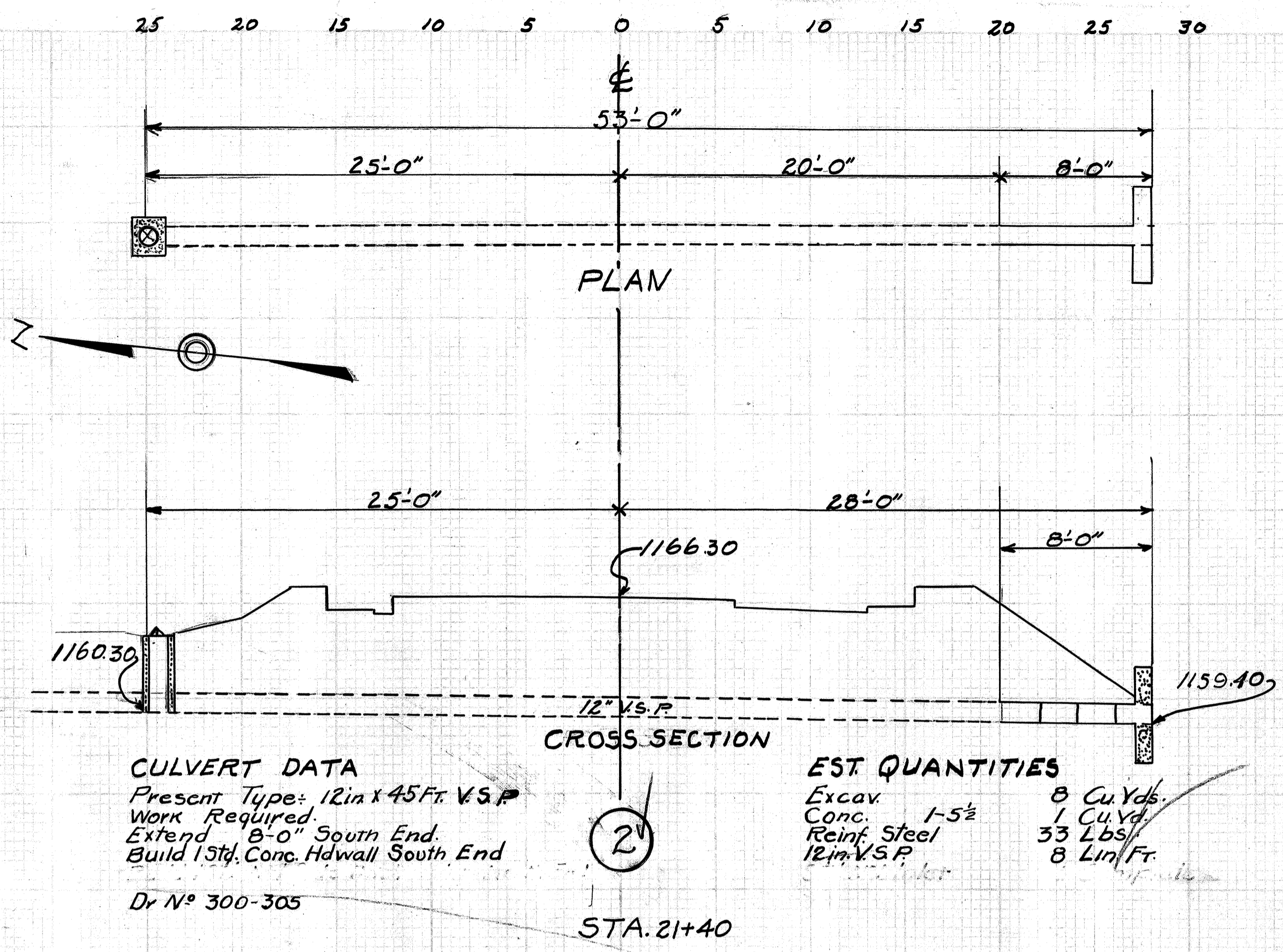


END AREA		END AREA	
CUT	FILL	CUT	FILL
7	0		
		70	0
87	0		
		49	0
175	0		
		221	0
165	0		
		316	0
145	0		
		213	0
85	0		
		79	0

FED. DIST. NO.	RD. NO.	STATE	FED. AID PROJECT	FISCAL YEAR	(14) 21
10		OHIO	S.H. (G.H.) 202 CRAWFORD	1931	

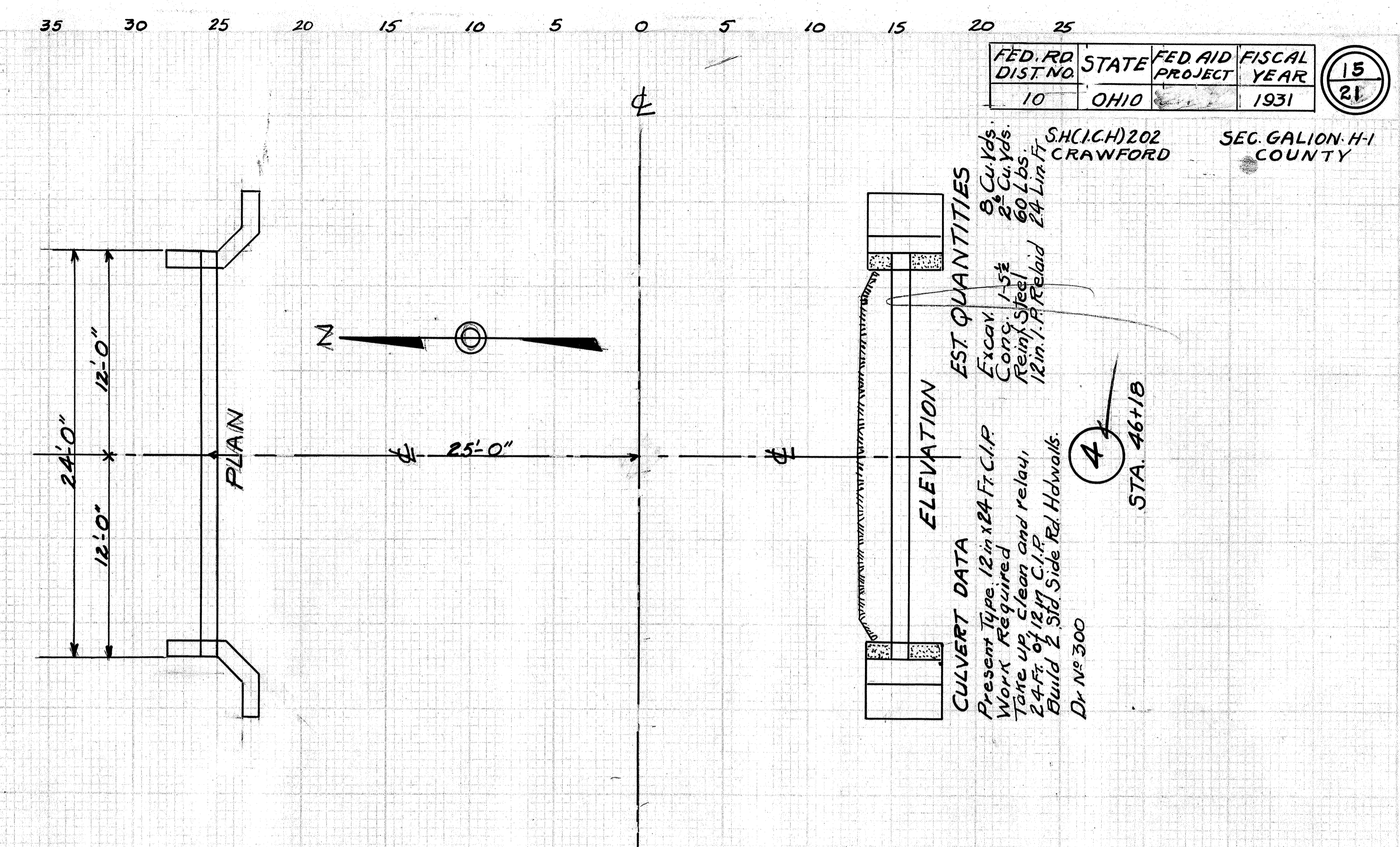
SEG. GALION TWP.
COUNTY

948 Cu Yds. Channel Excavation
 948 Cu Yds. Channel Excav. to be used in Roadway Embankment
 Payment Included in "Unit Price Bid" for Channel Excavation



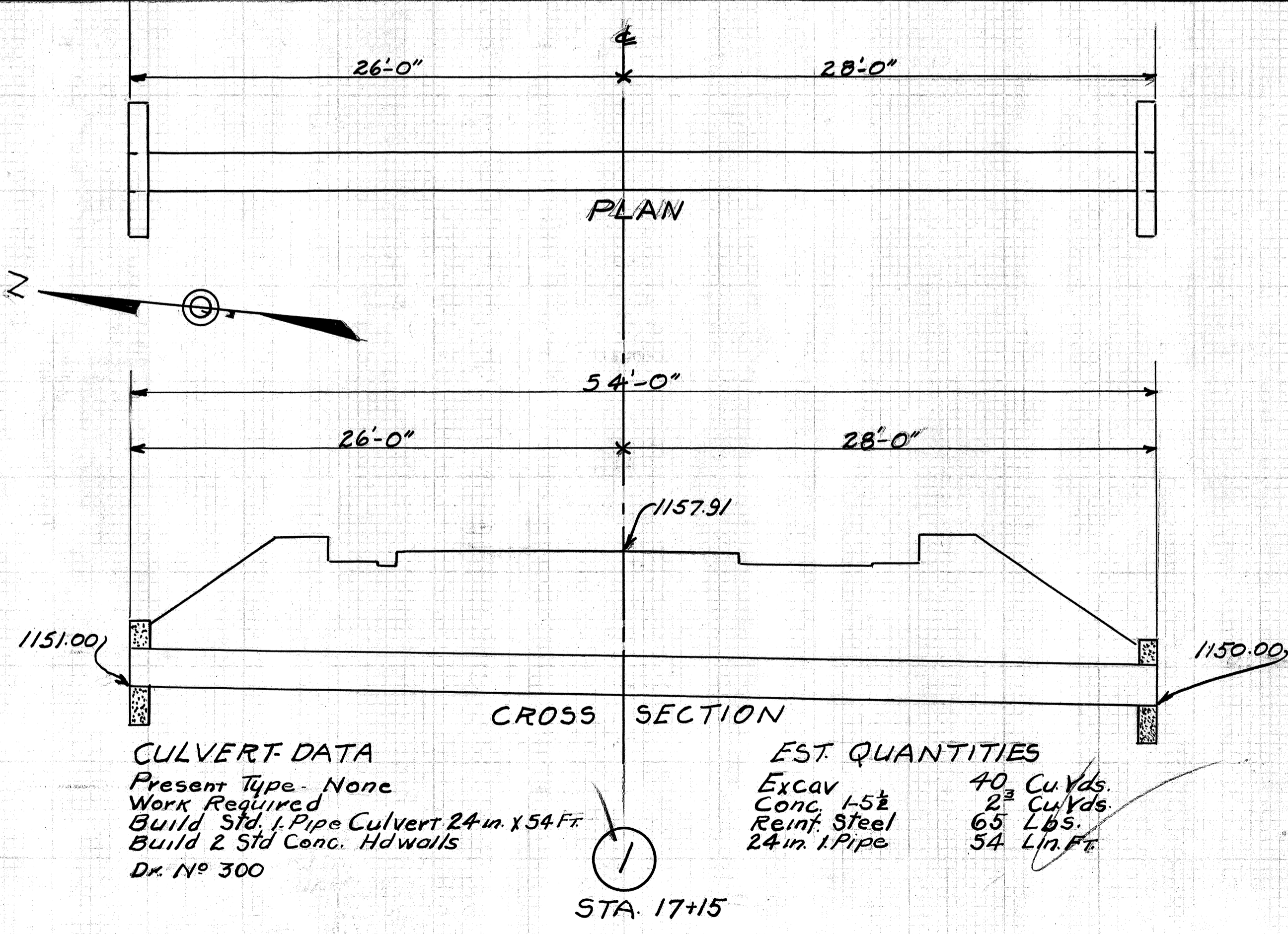
CULVERT DATA
 Present Type: 12in x 45Fr. V.S.P.
 Work Required:
 Extend 8'-0" South End.
 Build 1 Std. Conc. Hdwall South End
 Dr. N° 300-305

EST. QUANTITIES
 Excav. 8 Cu Yds.
 Conc. 1-5½ Cu Yds.
 Reinf. Steel 33 Lbs.
 12in. V.S.P. 8 Lin. Ft.



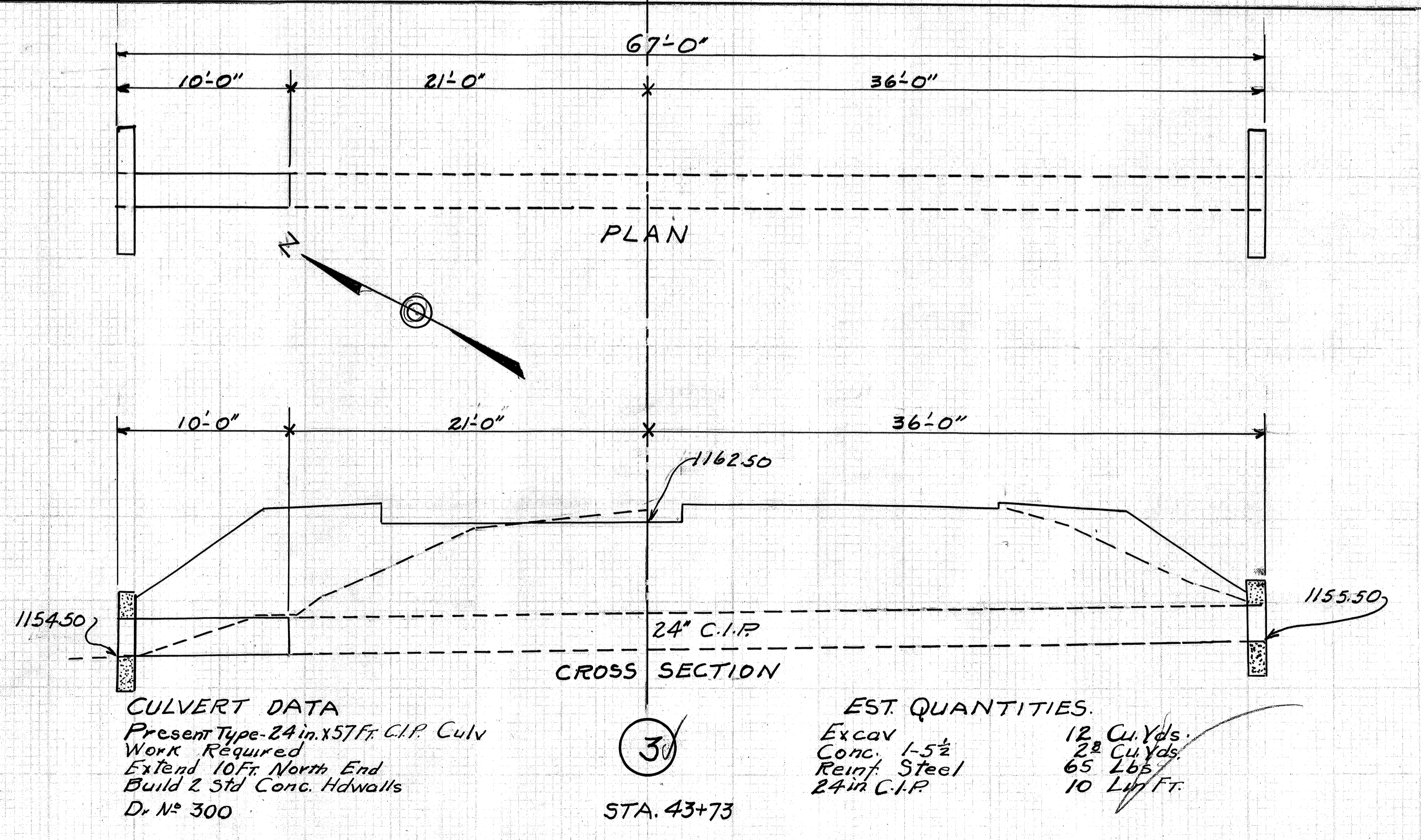
CULVERT DATA
 Present Type: 24in x 24Fr. C.I.P.
 Work Required:
 Take up, clean and relaid,
 24-Ft. of 12" C.I.P.
 Build 2 Std. Side Rd. Hdwalls.
 Dr. N° 300

EST. QUANTITIES
 Excav. 8 Cu Yds.
 Conc. 1-5½ Cu Yds.
 Reinf. Steel 30 Lbs.
 12in. I.P. Relaid 24 Lin. Ft.



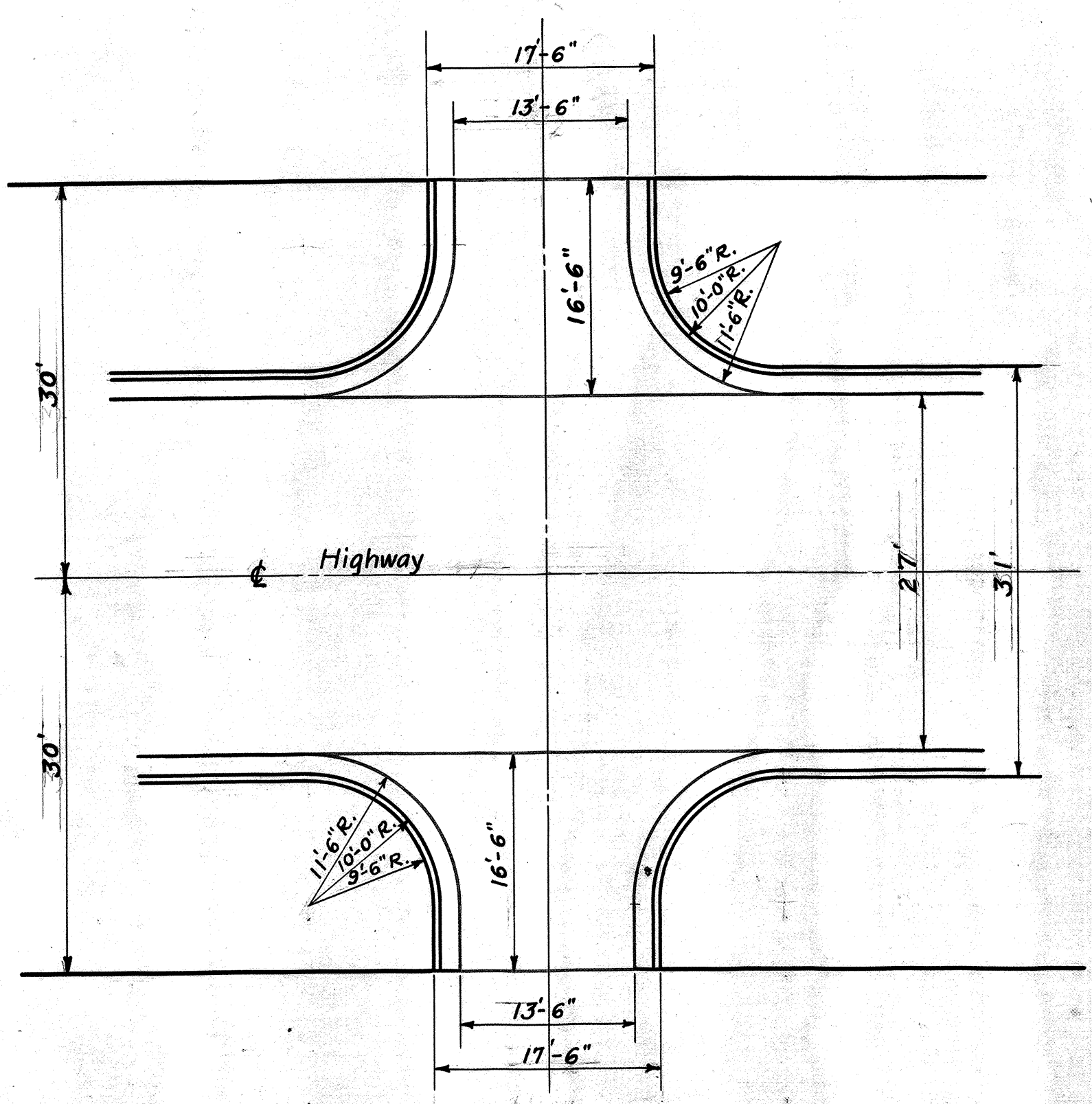
CULVERT DATA
 Present Type: None
 Work Required:
 Build Std. Pipe Culvert 24 in. x 54 Fr.
 Build 2 Std. Conc. Hdwalls
 Dr. N° 300

EST. QUANTITIES
 Excav. 40 Cu Yds.
 Conc. 2¾ Cu Yds.
 Reinf. Steel 65 Lbs.
 24in. Pipe 54 Lin. Ft.



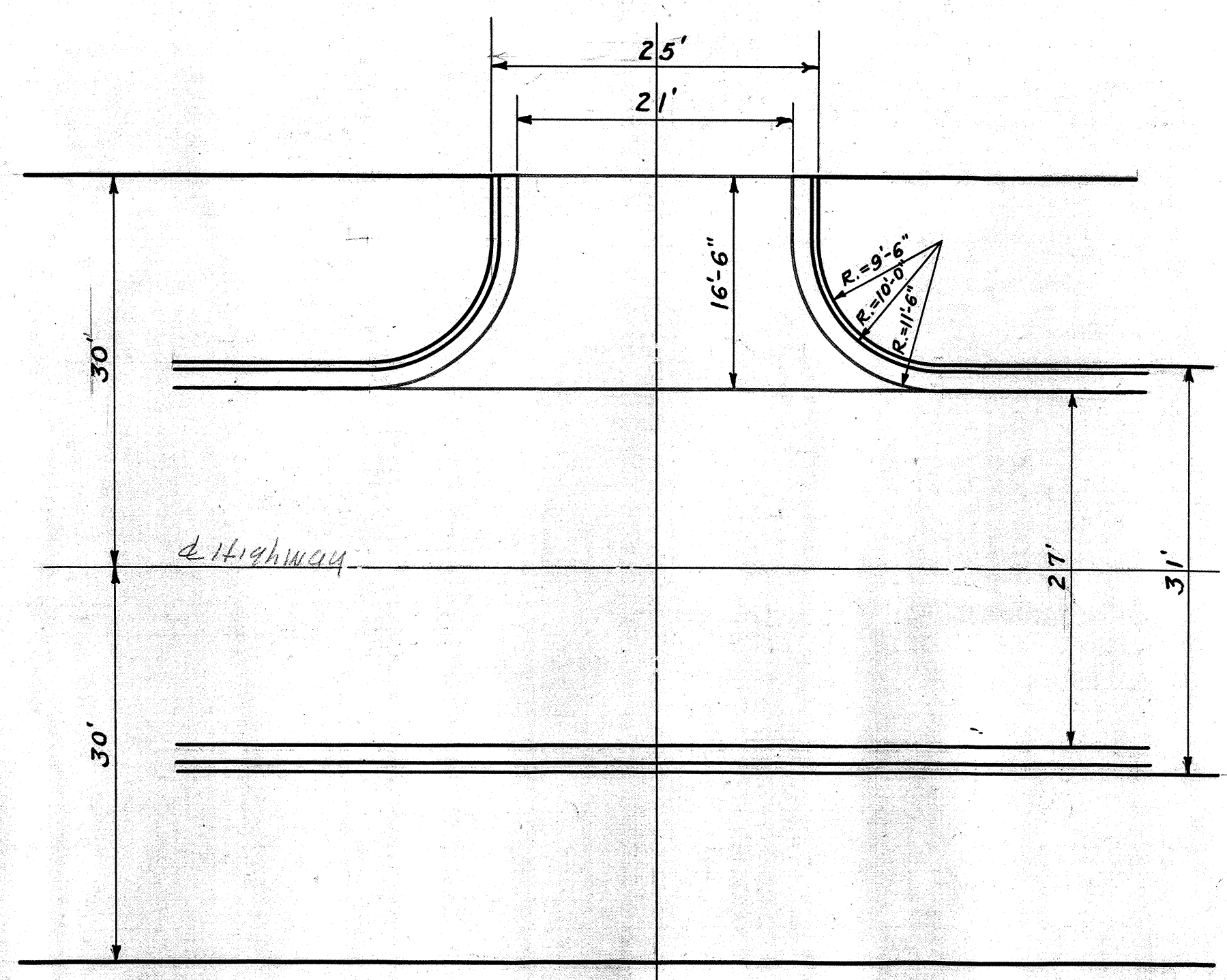
CULVERT DATA
 Present Type: 24in. x 57Fr. C.I.P. Culv
 Work Required:
 Extend 10Fr. North End
 Build 2 Std. Conc. Hdwalls
 Dr. N° 300

EST. QUANTITIES
 Excav. 12 Cu Yds.
 Conc. 1-5½ Cu Yds.
 Reinf. Steel 65 Lbs.
 24in. C.I.P. 10 Lin. Ft.



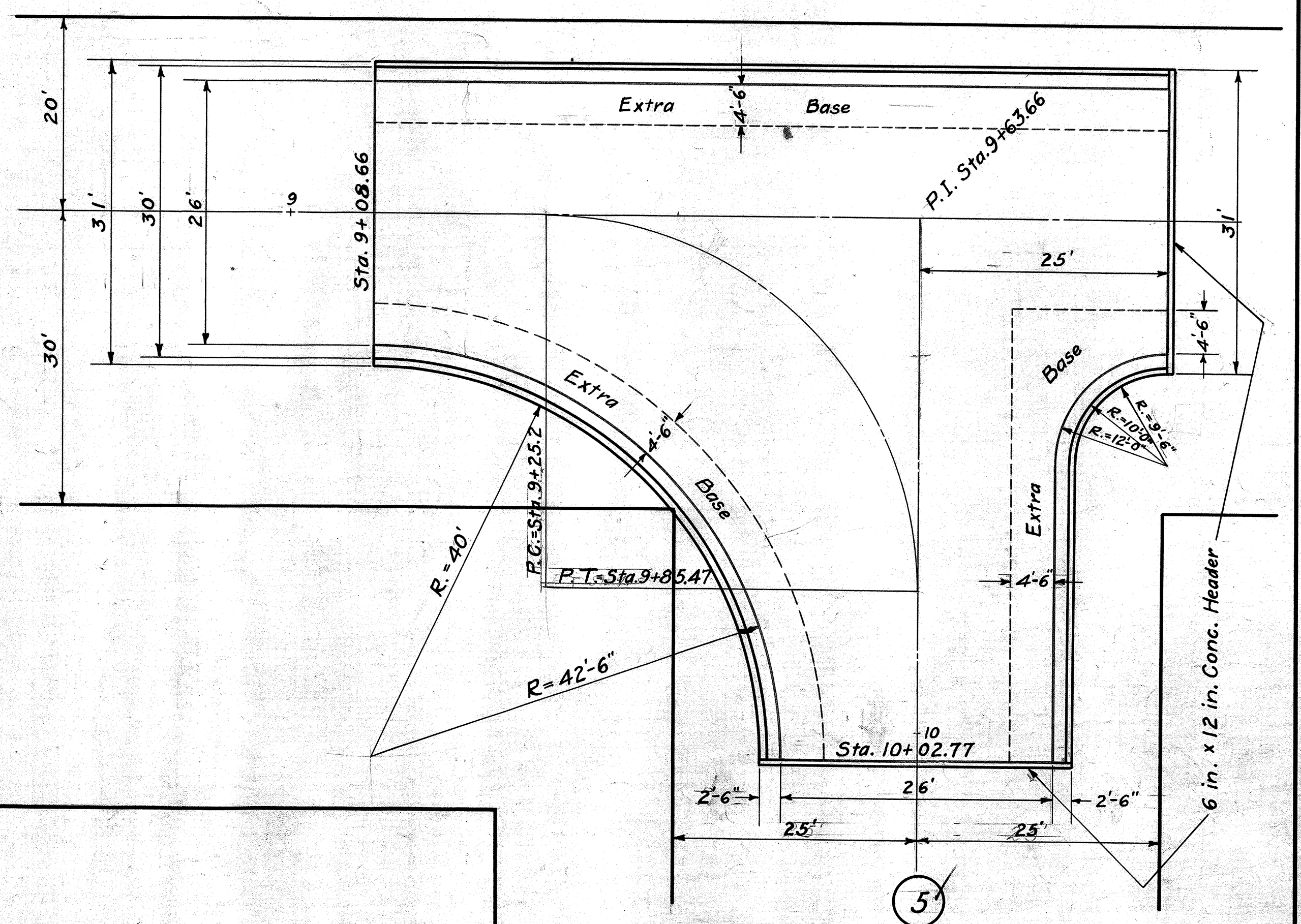
STA. -2+76
INTERSECTION OF ALLEY WITH SH.(I.C.H.) 202 SEC. GALION
EXTRA QUANTITIES
BASE 0.0 SQ. YDS.
PAVEMENT 62.1 SQ. YDS.

1



STA. 3+36
INTERSECTION OF ROSEMAID ST. WITH SH.(I.C.H.) 202 SEC. GALION
EXTRA QUANTITIES
BASE 0.0 SQ. YDS.
PAVEMENT 44.8 SQ. YDS.

3

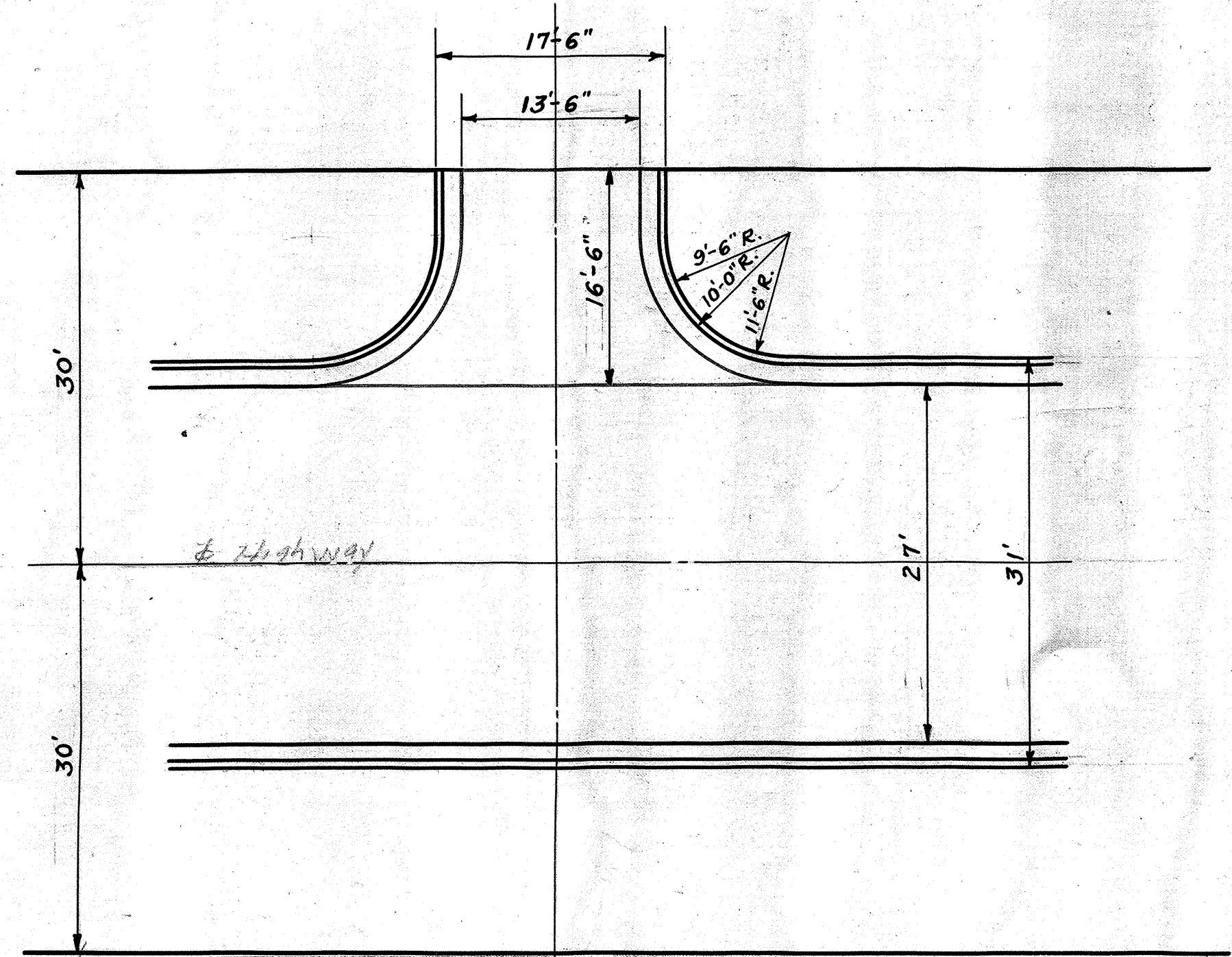


FROM STA. 9+08.66 TO STA. 10+02.77
INTERSECTION OF EAST & CHARLES STS.
EXTRA QUANTITIES
BASE 107.1 SQ. YDS.
PAVEMENT 401.14 SQ. YDS.

5

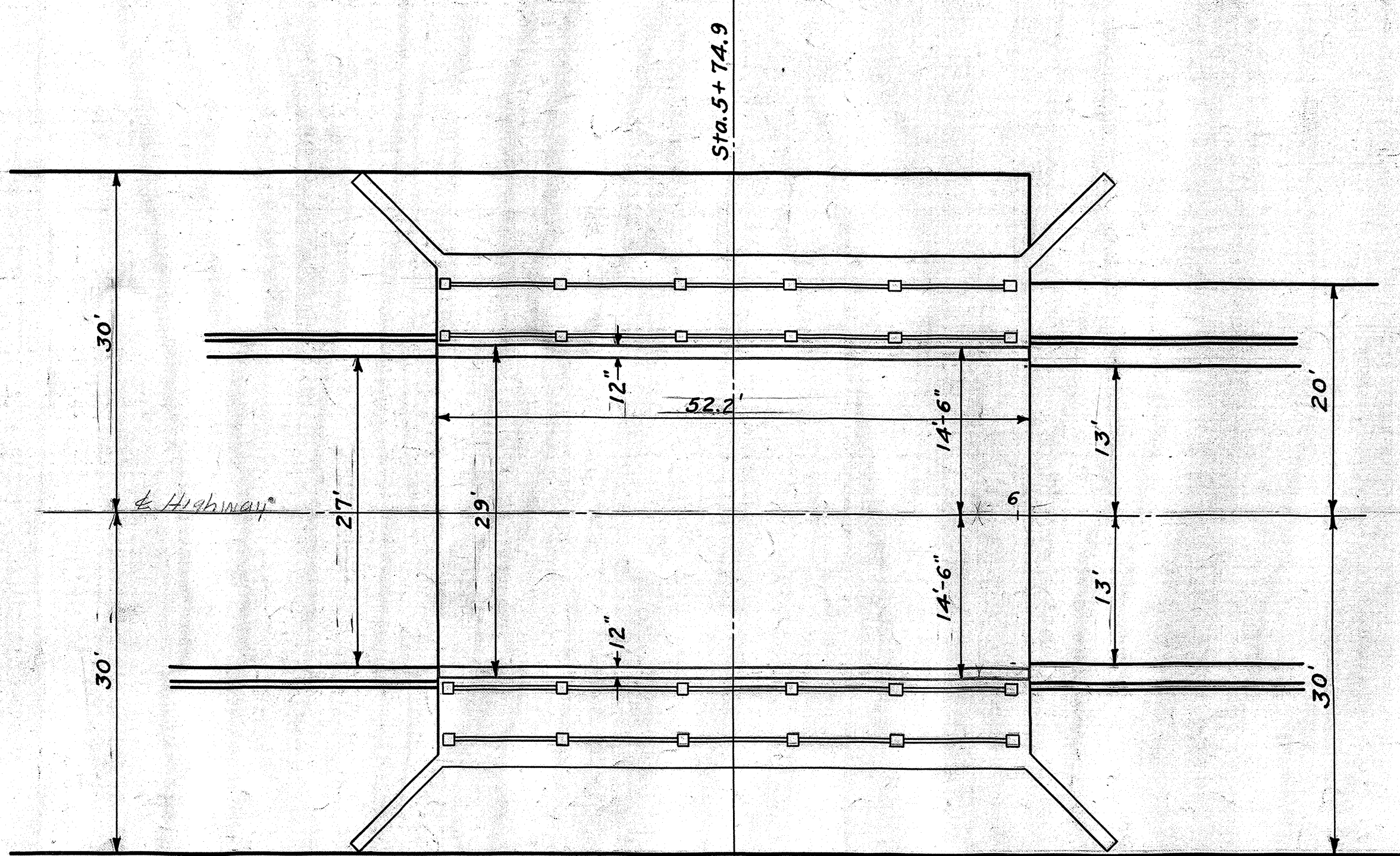
STRAIGHT AND CIRCULAR CURB
189.36 LIN. FT.

2-6 in x 12 in. CONCRETE HEADERS
= 62 LIN. FT.



Sta. 1+57
INTERSECTION OF ALLEY WITH SH.(I.C.H.) 202 SEC. GALION
EXTRA QUANTITIES
BASE 0.0 SQ. YDS.
PAVEMENT 31.1 SQ. YDS.

2



STA. 5+74.9
EAST ST. BRIDGE
EXTRA QUANTITIES
BASE 0.0 SQ. YDS.
PAVEMENT 11.6 SQ. YDS.

4

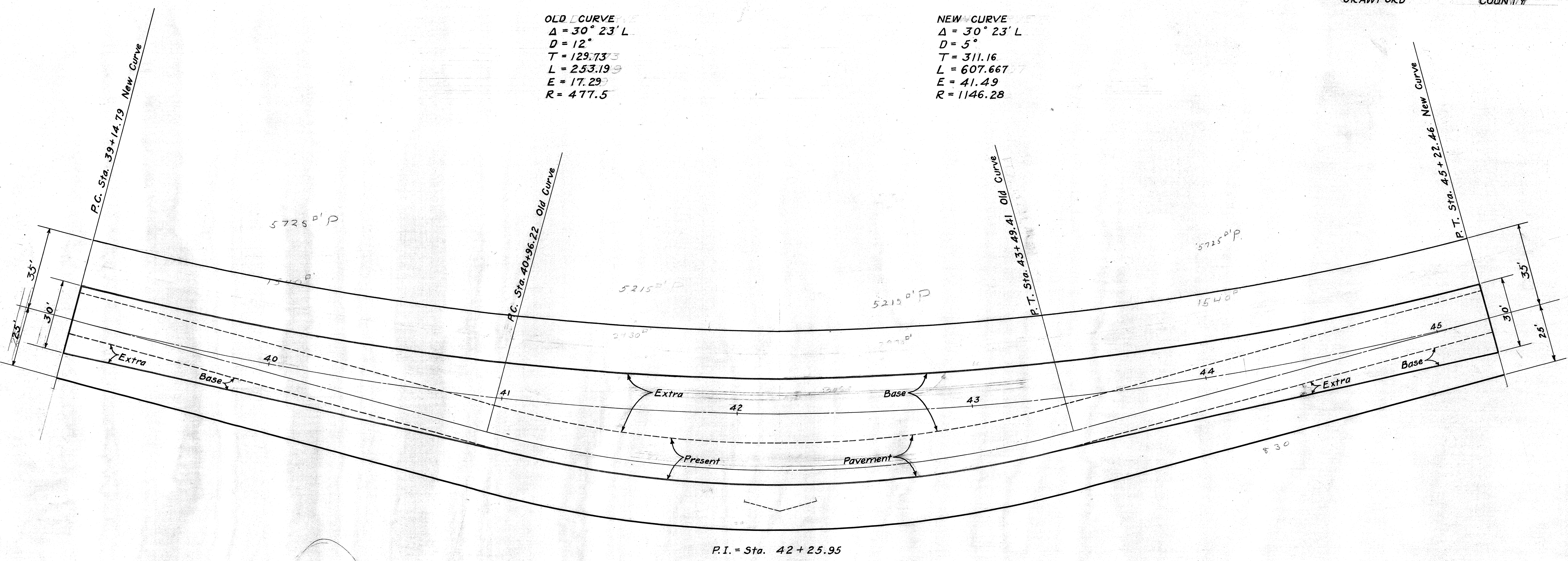
FED. RD. DIST. NO.	STATE	FED. AID PROJECT	FISCAL YEAR	17 21
10	OHIO		1931	

SH. (I.C.H.) 202 CRAWFORD
 SEC. GALION & H+I COUNTY

CURVE DATA

OLD CURVE
 $\Delta = 30^\circ 23' L$
 $D = 12^\circ$
 $T = 129.73$
 $L = 253.19$
 $E = 17.29$
 $R = 477.5$

NEW CURVE
 $\Delta = 30^\circ 23' L$
 $D = 5^\circ$
 $T = 311.16$
 $L = 607.667$
 $E = 41.49$
 $R = 1146.28$



FROM STA. 39+14.79 TO STA. 45+22.46
 CURVE QUANTITIES
 EXTRA BASE 1233.3 SQ. YDS.
 PAVEMENT 2431.1 SQ. YDS.

6

SUMMARY OF QUANTITIES

NO.	STATION	SIZE	LENGTH	EXCAVATION			CONCRETE			REINF.	NEW	NEW	RELAY	BR. RAILING	EXP. JT.	REINF. CONC.	WEARING	PHOS. BRZ.	C. IRON	EXP. JT.	PILING	
				DRY	WET	CHAN.	1-6 1/2	CU. YDS.	1-5 1/2	CU. YDS.	STEEL	24 in. C.I.P.	12 in. V.S.P.	12 in. C.I.P.	TYPE	FILLER	APPR. SLAB	SURFACE	PLATES	SCUPPERS	FILLER	WOOD
				CU. YDS.	CU. YDS.	CU. YDS.	FOOTERS	WALLS	SUPER-STR.	LBS.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	SQ. FT.	SQ. YDS.	SQ. YDS.	LBS.	PCS.	SQ. FT.	LIN. FT.	
STRUCTURES OVER 20 FEET																						
STRUCTURES 20 FEET AND UNDER																						
1	17+15	24 in.	54 Ft.	40						2 3/4	65	54										Build Std. I.P. Culvert 24 in x 54 Ft.
2	21+40	12 in.	53 Ft.	8						1 1/2	33	8										Extend Br. South End. Build Hdwall South End.
3	43+73	24 in.	67 Ft.	12						2 3/4	65	10										Extend 10 Ft. North End. Build 2 Std. Conc. Hdwalls
4	46+18	12 in.	24 Ft.	8						2 3/4	60		24									Take up Clear. of Relay. Build 2 Std. Conc. Side Rd. Hdwalls.
TOTALS				68						8 1/2	223	64	8	24								

TYPE "A" M.B.

FROM STATION	TO STATION	EXC.	EMB.	EMB+22%	WASTE	BORROW
0+(4+82)	6+01	0.00	0.00	0.00		
6+01	16+00	248.0	311.0	379.0		131.0
16+00	26+00	103.0	605.0	738.0		635.0
26+00	36+00	107.0	2342.0	2857.0	948 Ch.	1802.0
36+00	46+00	1694.0	838.0	1022.3	671 1/2	
46+00	53+56.42	552.0	501.0	611.2		59.2
TOTALS		2704.0	4597.0	5607.2	671.2	2627.2

See note page 10

STATION	FOR	SQ. YDS.	NO.	NO.
0-(2+76)	Inter.	62 1/2	1	16
1+57	Inter.	31 1/2	2	16
5+74.9	Br.	11 1/2	4	16
3+36	Inter.	44.8	3	16
9+63.66	Inter.	40.1 1/2	5	16
42+25.95	Curve	243 1/2	6	17
TOTAL				

STATION	NEW CORR. I. PIPE LIN. FT.	SIDE OF ROAD
37+46	18	LEFT
49+50	18	LEFT
51+52	18	LEFT
51+60	18	RIGHT
TOTAL		72

STATION	SIDE OF RD.	NO.
1+57	RIGHT	1
5+28	RIGHT	1
TOTAL		2

FROM STATION	TO STATION	SIDE	SQ. YDS.
-(0+67)	-4+82.2	R&L	461 3/4
0+00	5+48.8	R&L	609 1/2
TOTAL			1071 1/2

STA.	SQ. YDS.
2 1/2+2+40	40
TOTAL	40

STATION	NO.	SIDE OF RD.
13+05	1	LEFT
16+00	1	LEFT
21+40	1	LEFT
25+85	1	LEFT
TOTAL	4	

FROM STATION	TO STATION	12 in. V.S.P. LIN. FT.
9+40	16+40	700
25+85	33+85	800
TOTAL		1500

STATION	SIZE	LIN. FT.
9+88	6 in x 12 in	31
10+02.77	6 in x 12 in	31
TOTAL		62

STATION	SIDE OF RD.	NO.
9+40	RIGHT	1
9+60	LEFT	1
TOTAL		2

FROM STATION	TO STATION	LIN. FT.	TOTAL
6+01	9+08.66	307.66 x 2	615.32
9+08.66	10+02.77	See Table #5 Sheet No 16	189.36
10+02.77	33+21.29	2318.52 x 2	4637.04
TOTAL LIN. FT.			5441.72

STATION	SIDE OF RD.	NO. 10" V.S.P. (7-8 Mix) LIN. FT.	CONC. ENCASUREMENT
8+00	R&L	2	40
11+00	R&L	2	40
17+15	R&L	2	0.0
21+40	R&L	2	0.0
25+85	R&L	2	40
30+50	R&L	2	40
33+00	R&L	2	40
16+40	R&L	2	40
TOTALS		16	240

FROM STATION	TO STATION	8 in. DRAIN TILE LIN. FT.
49+59	51+43	184
TOTAL		184

FROM STATION	TO STATION	SQ. YDS.
9+08.66	10+02.77	107.1
39+14.79	45+22.46	1233.3
TOTAL		1340.4

FROM STATION	TO STATION	CU. YDS.
0+00	2+40	948
TOTAL		948

CALCULATIONS

	AMOUNT LIN.FT.	UNIT	TOTAL	WIDTH	
					EXTRA
TOTAL LENGTH PROJECT. Sta. 0-(4+82.2) to Sta. 53+56.42	5,838.62				
LESS: Intersection 67'-0" & Bridge	1,844.2				
NET LENGTH	5,654.20				
FINISHING BERMS, SLOPES & DITCHES:		Lin.Ft.	4,571.00		
SCARIFYING & RE-BINDING:					
Sta. 0-(4+82.2) to Sta. 5+48.8 =	1031	Lin. Ft.			
LESS: Intersection Sta. 0+00 to Sta. 0+67 =	67	Lin. Ft.			
964	Lin. Ft.				
2-5'-0" Strips: $964 \times 5 \times 2 \div 9 =$		Sq. Yds.	1,071.00		
BASE COURSE WIDENING W/B MACADAM:					
Sta. 6+01 to Sta. 9+08.66 =	307.66	Lin. Ft.			
2-4'-6" Strip = $307.66 \times 4 \times 2 \div 9 =$		Sq. Yds.	307.66		
PLUS: Intersection Sta. 9+08.66 to Sta. 10+02.77 = Table 5 Sheet 16 =		Sq. Yds.	1,071.00		
1-1'-0" Strip & 1-7'-0" Strip: Sta. 10+02.77 to Sta. 28+50 =	1847.23	Lin. Ft.			
$= 1847.23 \times 8 \div 9 =$		Sq. Yds.	1,641.98		
1-26'-0" (All New) Sta. 28+50 to Sta. 33+21.29 =	471.29	Lin. Ft.			
$= 471.29 \times 26 \div 9 =$		Sq. Yds.	1,361.50		
1-31'-0" (All New) Sta. 34+38.71 to Sta. 37+75 =	336.29	Lin. Ft.			
$= 336.29 \times 31 \div 9 =$		Sq. Yds.	1,158.33		
1-3'-6" Strip & 1-9'-6" Strip: Sta. 37+75 to Sta. 39+14.79 =	139.79	Lin. Ft.			
$= 139.79 \times 3 \times 6 = 489.27$ Sq. Ft.					
$= 139.79 \times 9 \times 6 = 1,328.00$ Sq. Ft.					
$9 \div 1,817.27$ Sq. Ft. =		Sq. Yds.	201.91		
PLUS: Curve Widening Sta. 39+14.79 to Sta. 45+22.46 =	607.67				
See Table 6 Page 17 =		Sq. Yds.	1,233.30		
1-3'-6" Strip & 1-9'-6" Strip: Sta. 45+22.46 to Sta. 46+18 =	95.54	Lin. Ft.			
$= 95.54 \times 3 \times 6 = 334.39$ Sq. Ft.					
$= 95.54 \times 9 \times 6 = 907.63$ Sq. Ft.					
$9 \div 1,242.02$ Sq. Ft. =		Sq. Yds.	138.00		
2-6'-6" Strips: Sta. 46+18 to Sta. 53+56.42 =	738.42	Lin. Ft.			
$= 738.42 \times 6 \times 6 = 4,799.73$ Sq. Ft.					
$= 738.42 \times 6 \times 6 = 4,799.73$ Sq. Ft.					
$9 \div 9,599.46$ Sq. Ft. =		Sq. Yds.	1,066.60		
TOTAL FIRST BASE COURSE: (5 inch W/B Macadam)		Sq. Yds.	7,216.38		
TOTAL SECOND BASE COURSE: (4 inch W/B Macadam)		Sq. Yds.	7,216.38		
PAVEMENT					
3 IN SHEET ASPHALT 27 FT. WIDTH					
Sta. 0-(4+82.2) to Sta. 6+01 =	1083.2	Lin. Ft.			
LESS: Intersection Sta. 0+00 to Sta. 0+67 =	67.0	Lin. Ft.			
NET LENGTH 1016.2 Lin. Ft.					
$= 1016.2 \times 27 \div 9 =$		Sq. Yds.	3,048.60		
PLUS: Extra Area (Bridge) Table 4 Sheet 16 =		Sq. Yds.	11.50		
PLUS: Extra Area (Alley & Street Intersections) Table 1-2-3 Sheet 16 =		Sq. Yds.	1,380.00		
26 FT. WIDTH					
Sta. 6+01 to Sta. 9+08.66 =	307.66	Lin. Ft.			
$= 307.66 \times 26 \div 9 =$		Sq. Yds.	888.79		
PLUS: Extra Area (Intersection) Sta. 9+08.66 to Sta. 10+02.77					
See Table 5 Sheet 16 =		Sq. Yds.	401.14		
TOTAL ASPHALT PAVEMENT			4,488.13		
2 IN BITUMINOUS CONC. & 3 IN BITUMINOUS MACADAM 26 FT. WIDTH					
Sta. 10+02.77 to Sta. 33+21.29 =	2318.52	Lin. Ft.			
$= 2318.52 \times 26 \div 9 =$		Sq. Yds.	6,697.94		
30 FT. WIDTH					
Sta. 34+38.71 to Sta. 39+14.79 =	476.08	Lin. Ft.			
$= 476.08 \times 30 \div 9 =$		Sq. Yds.	1,586.93		
PLUS: Extra Area (Curve) Sta. 39+14.79 to Sta. 45+22.46 See Table 6 Sheet 17					
			2,431.10		

SUMMARY

ITEM NO	DESCRIPTION	TOTALS	UNIT	TYPE A		TYPE M.B.		SEC. H-1	
				WIDTH	EXTRA	WIDTH	EXTRA	TYPE "A"	TYPE "M.B."
ROADWAY									
R-1	Excavation See Table 1 Sheet 19	2,704.00	Cu. Yds.	2,704.00		2,704.00		552	552
R-4	Borrow Excavation Table 1 Sheet 19	2,627.20	Cu. Yds.	2,627.20		2,627.20		59.2	59.2
R-5	Finishing, Berms, Slopes, Etc.	4,571.00	Lin. Ft.	ALL		ALL		738.4	738.4
I-8	12 in. V.S.P.S.S. in place Table 5 Sheet 19	1,500	Lin. Ft.	ALL		ALL			
I-8	10 in. V.S.P.S.S. in place Table 6 Sheet 19	240	Lin. Ft.	ALL		ALL			
I-9	Std. No. 2 Raised Curb Inlet Table 6 Sht. 19	16	No.	ALL		ALL			
I-9	Std. No. 1 Side Ditch Inlets Table 3 Sheet 19	4	No.	ALL		ALL			
S-10	12 in. Corr. I. Pipe Table 7 Sheet 19	72	Lin. Ft.	ALL		ALL		54.0	54.0
I-9	Reset Manhole Tops Table 9 Sheet 19	2	No.	ALL		ALL			
I-9	Special Gutter Inlets Table 10 Sheet 19	2	No.	ALL		ALL			
I-4	8 in Drain Tile Table 11 Sheet 19	184	Lin. Ft.	ALL		ALL		184	184
I-2	Rip-Rap Walls Table 2 Sheet 19	40	Sq. Yds.	ALL		ALL			
R-3	Channel Excavation Table 15 Sheet 19	948	Cu. Yds.	ALL		ALL			
PAVEMENT									
B-1	Scarifying & Rebinding Base Table 12 Sheet 19	1,071.00	Sq. Yds.	ALL		ALL			
B-2	5 in W/B Macadam Base Course	7,216.38	Sq. Yds.	5,875.98	1,340.40	5,875.98	1,340.40	1,066.6	1,066.6
B-2	4 in W/B Macadam Base Course	7,216.38	Sq. Yds.	5,875.98	1,340.40	5,875.98	1,340.40	1,066.6	1,066.6
T-6	1/2 in Sheet Asphalt on 1/2 in Asphalt Binder	4,488.13	Sq. Yds.	3,937.39	550.74				
T-3	3 in Bit. Mac. Surface Course	13,495.83	Sq. Yds.			11,064.73	2,431.10	2,461.4	2,461.4
T-5	2 in Bit. Conc. Surface Course	13,495.83	Sq. Yds.	11,064.73	2,431.10			2,461.4	2,461.4
B-2	W/B Mac. Wedge Course (Variable) Sec. Galion	530	Tons	530		530			
T-6	Variable Wedge Course Sec. Galion	100	Tons	100					
T-6 or T-25-26	T-6, T-25 or T-26 Sec. Galion	110	Tons	110					
T-25-26	T-25 or T-26 Sec. H-1	95	Tons					95	95
T-6	Concrete Curb & Gutter Type II Table 13 Sheet 19	5,441.72	Lin. Ft.	ALL		ALL			
T-6	Concrete Headers Table 8 Sheet 19 6 in x 12 in	62	Lin. Ft.	ALL		ALL			
FOR BRIDGE AND CULVERTS SUMMARY See Sheet 17									

FED. RD. DIST. NO.	STATE	FED. AID PROJECT	FISCAL YEAR	1 1
10	OHIO		1931	

S.H.(I.C.H) 202 - SEC. GALION & H-1-(BR)
CRAWFORD COUNTY

INDEXED

