

#7001

Project No. 13

1/12

I.C.H. No. 297 Sec. C
Williams County

FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR
10	OHIO	13	

File # 338

STATE HIGHWAY DEPARTMENT OF OHIO

BUREAU OF CONSTRUCTION

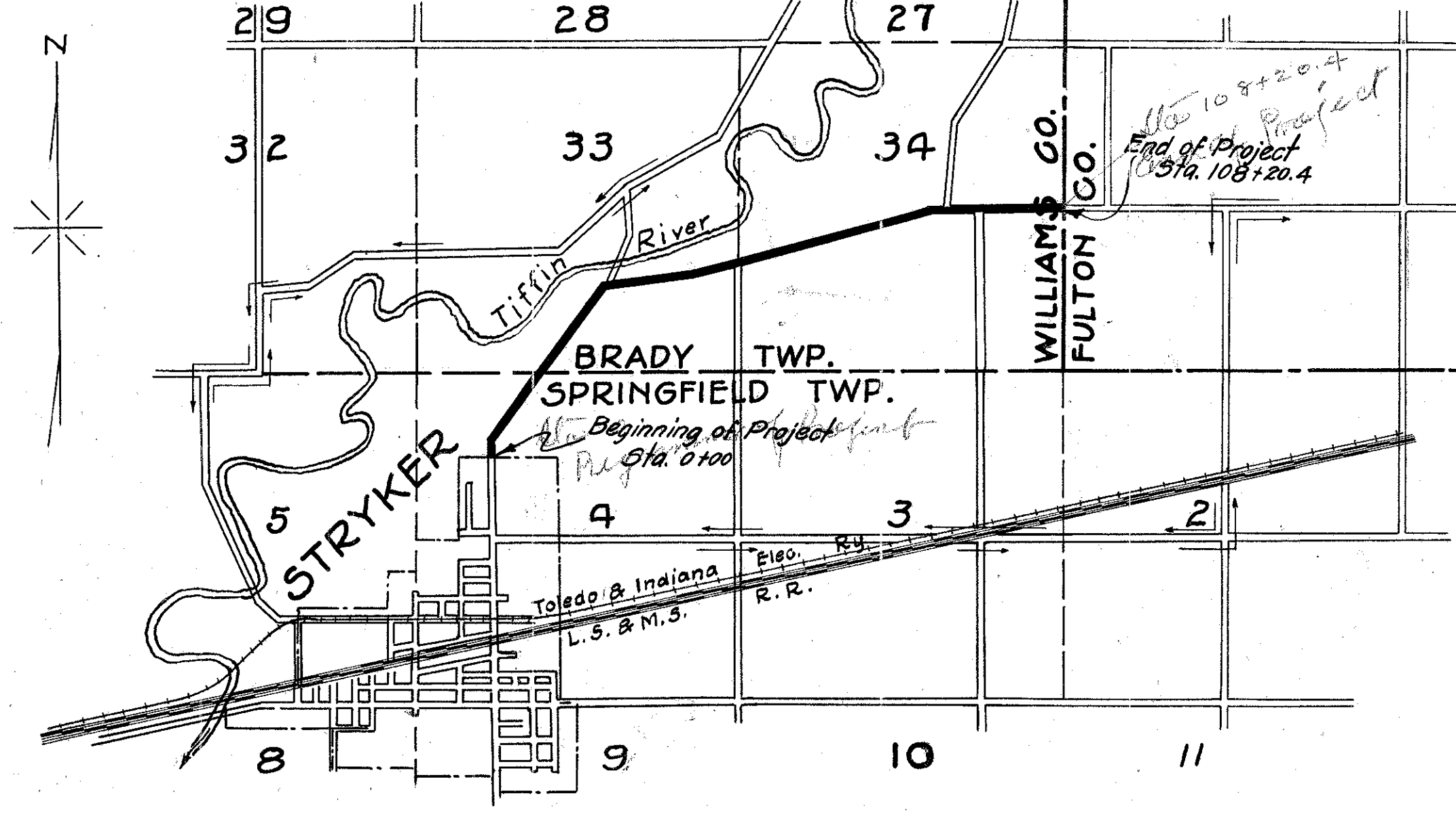
SEC. C BRYAN-WAUSEON ROAD

I.C.H. No. 297

PET. No. 3235

WILLIAMS COUNTY

SPRINGFIELD & BRADY TOWNSHIPS. MAY 1918



Note:
To be built according to Specifications
of the State Highway Department of Ohio
previously approved.

I hereby approve these plans and declare that the
making of the improvement will require the closing
to traffic of the highway and that the detours will
be indicated by signs as shown on the plans
and estimates.

LOCATION PLAN

SCALE 2 1/2" = 1 mile

PORTION TO BE IMPROVED

CONVENTIONAL SIGNS

County Line	_____
Township Line	_____
Section Line	_____
Corporation Line	_____
Property Line	_____
Electric Line	_____
Railroad	_____
Center Line	_____
Telephone or Telegraph	o _____ o
Detour	_____

SCALES

Plan	1" = 100'
Profile (Vertical)	1" = 10'
Profile (Horizontal)	1" = 100'
Gross Sections	1" = 5'

Approved: Best Bauer
Date July 22nd 1918 County Surveyor.

We, the Commissioners of Williams County
hereby approve these plans and certify
that the right-of-way is available for the
construction of the above highway

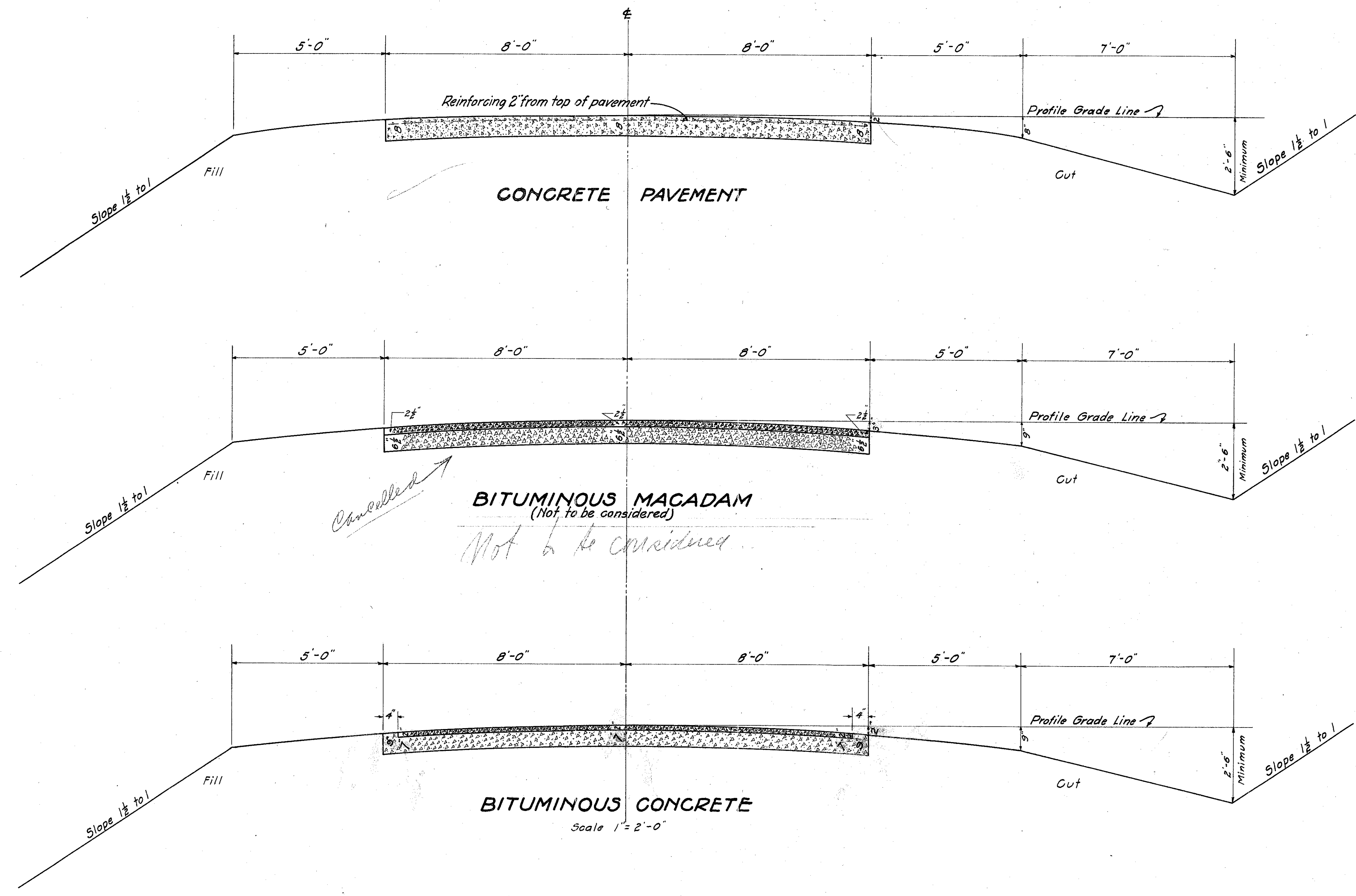
Signed: Peter L. Guillard
F. C. Flickinger
W. H. ...
Date July 22nd 1918 County Commissioners.

Denton Courtm
State Highway Commissioner
Date _____
Approved: H. D. ...
Date 8-7-18 Chief Highway Engineer.
Approved: J. K. ...
Date 8-6-18 Division Engineer
Approved: _____
Date _____
Approved: _____
Date _____

CONSTRUCTION
BUREAU
JUL 21 1955
GROUND PHOTOLAB

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TYPICAL CROSS-SECTIONS

I.C.H. No. 297 Sec. C.
Williams County
Amos Schmucker
Tract No. 6
127 A.

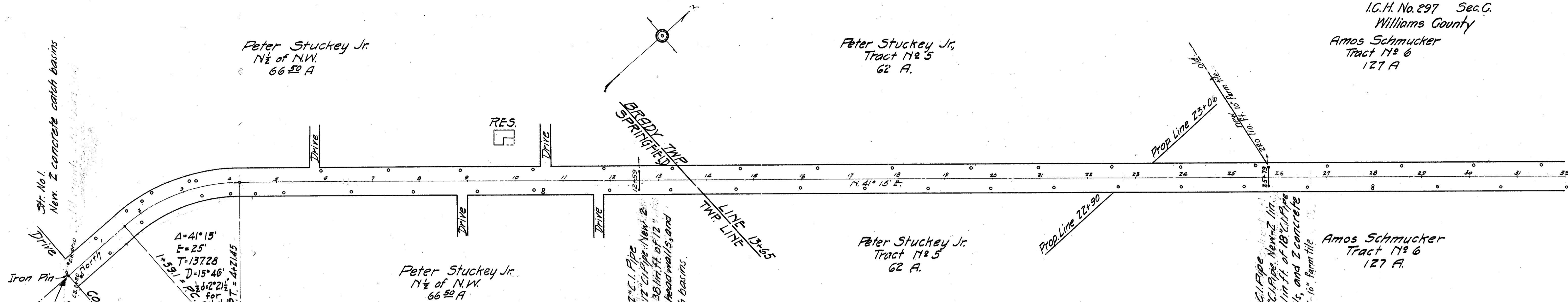


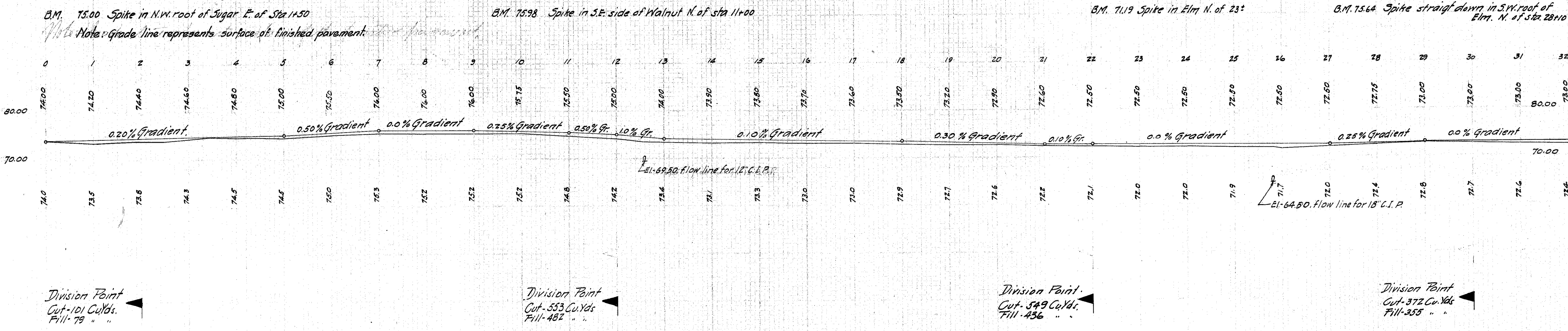
Table of Superelevations and Extra Width on 15°46' Curve

Stations	Width of Metal	Width of Super-Roadway	Super-elevation	Remarks.
14341 and 44645	17.18'	27.18'	0.18'	PC-25 & PT+25
14591 and 42145	19.42'	29.42'	0.41	PC & P.T.
14841 and 37645	21.40'	31.40'	0.68	PC+25 & PT-25
24051 to 34745 Inclusive	22.30'	32.30'	0.94	PC+30 & PT-50

NB Hold inner edge of road metal 2" below the established grade. Place all of extra width on inside of 1/4 of roadway.

Str. No. 2
Old - 36 in. ft. of 12" C.I. Pipe
Relay - 36 in. ft. of 12" C.I. Pipe - New 2 in. ft. - 12" C.I. Pipe = 36 in. ft. of 12" C.I. Pipe without headwalls, and 2 concrete catch basins.

Str. No. 3
Old - 36 in. ft. 18" C.I. Pipe
Relay - 36 in. ft. 18" C.I. Pipe - New 2 in. ft. 18" C.I. Pipe = 38 in. ft. of 18" C.I. Pipe without head walls, and 2 concrete catch basins. 220'-10" farm tile



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C.F. Wyse
Tract No 5
192 A.

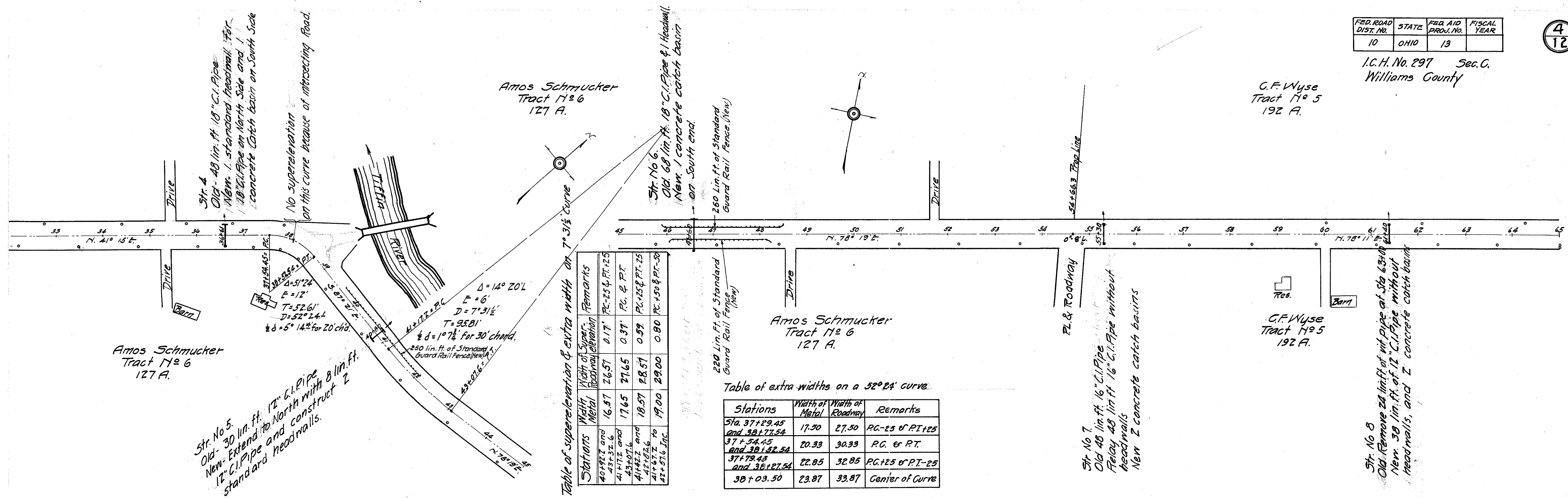


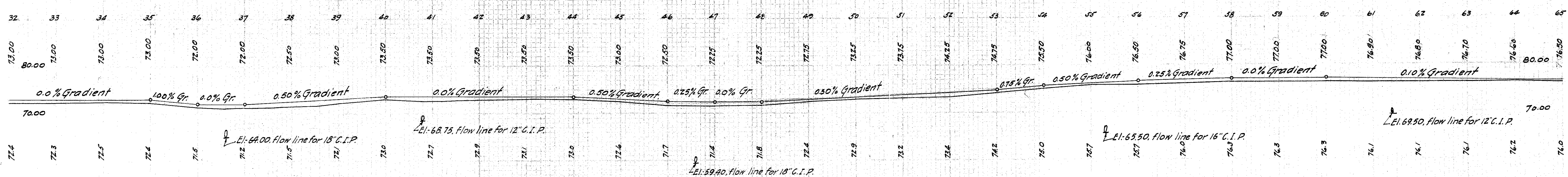
Table of superlevation & extra width on 7° 31½' curve

Stations	Width of Metal	Width of Roadway	Remarks
40+92.1 and 43+32.6	16.57	26.57	RC-25 & PT-25
41+17.2 and 43+07.6	17.65	27.65	RC. & P.T.
41+82.2 and 42+02.6	18.57	28.57	RC-25 & PT-25
41+67.2 to 42+57.6 Inc.	19.00	29.00	RC-25 & PT-25

Table of extra widths on a 52° 24' curve.

Stations	Width of Metal	Width of Roadway	Remarks
Sta. 37+29.45 and 38+27.54	17.50	27.50	RC-25 & PT-25
37+34.45 and 38+27.54	20.33	30.33	RC. & P.T.
37+79.48 and 38+27.54	22.85	32.85	RC-25 & PT-25
38+03.50	23.87	33.87	Center of Curve

B.M. 72.99 Spike in Walnut N. of 32+10 B.M. 73.31 Spike in N. side of Pine in yard South B.M. 74.94 Spike in 2nd panel past S of corner, E. side road. B.M. 77.78 "+" on N.E. Corner concrete front of barn South



Division Point
Cut - 538 Cu. Yds.
Fill - 446 " "

Division Point
Cut - 1110 Cu. Yds.
Fill - 872 " "

Division Point
418 Cu. Yds. Excar.
259 " " Fill.

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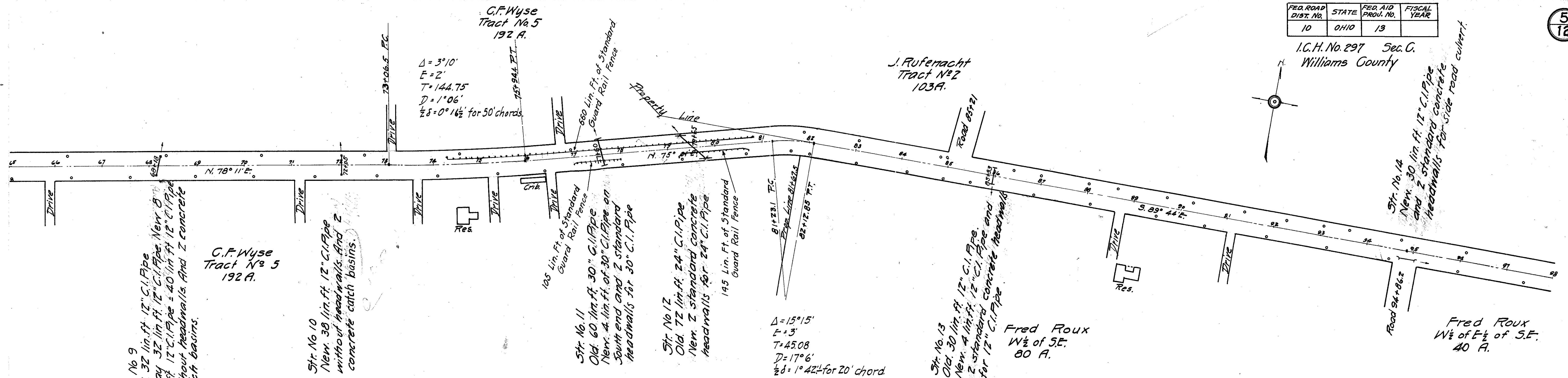
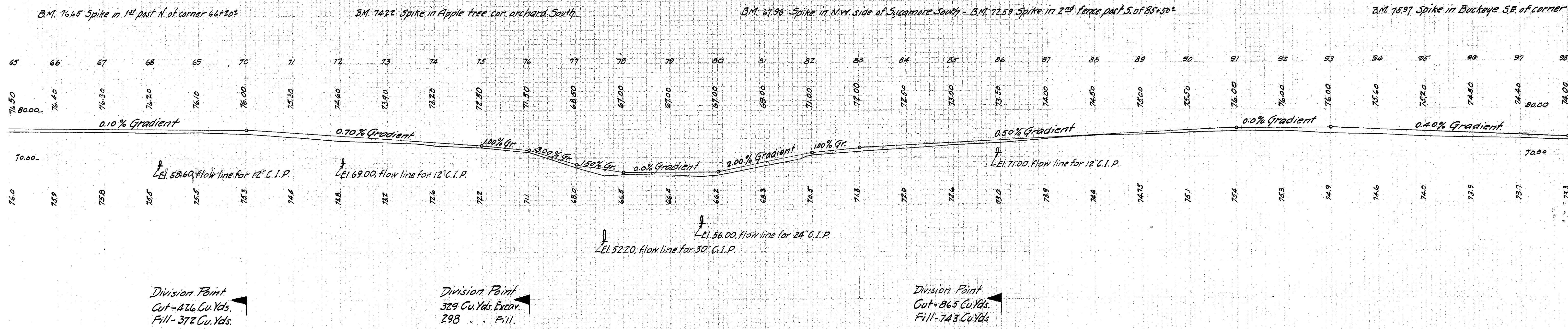


Table of superelevations and extra widths on a 17° 06' Curve

Stations	Width Metal	Width Roadway	Super-elevation	Remarks
72+01.5 and 76+19.4	16.09	26.09	.05'	P.C. - 25 & P.T. + 25
73+06.5 and 75+24.4	16.24	26.24	.10'	P.C. & P.T.
73+31.5 and 75+69.4	16.37	26.37	.15	P.C. + 25 & P.T. - 25
73+56.5 and 75+44.4	16.44	26.44	.20	P.C. + 50 & P.T. - 50

Table of superelevations and extra widths on a 17° 6' Curve

Stations	Width Metal	Width Roadway	Super-elevation	Remarks
80+99.1 and 82+37.85	17.28	27.28	.18	P.C. - 25 & P.T. + 25
81+23.1 and 82+12.85	19.79	29.79	.42	P.C. & P.T.
81+48.1 and 81+87.85	21.85	31.85	.46	P.C. + 25 & P.T. - 25
81+68	22.00	32.00	.95	Centre of curve and MD.



Division Point
Cut - 416 Cu. Yds.
Fill - 372 Cu. Yds.

Division Point
329 Cu. Yds. Excar.
298 " " Fill.

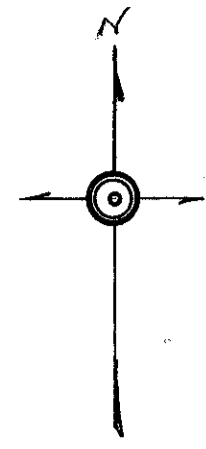
Division Point
Cut - 865 Cu. Yds.
Fill - 743 Cu. Yds.

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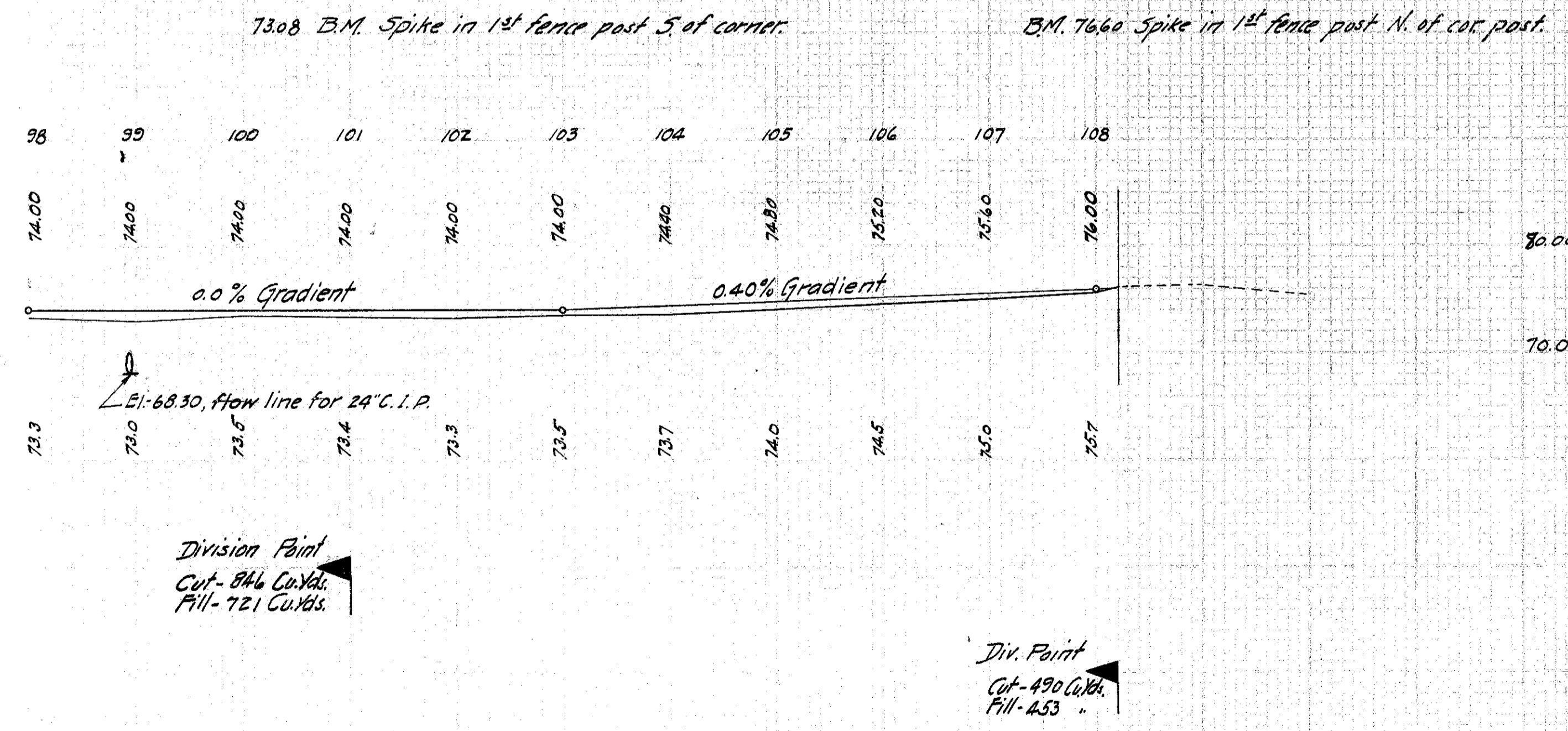
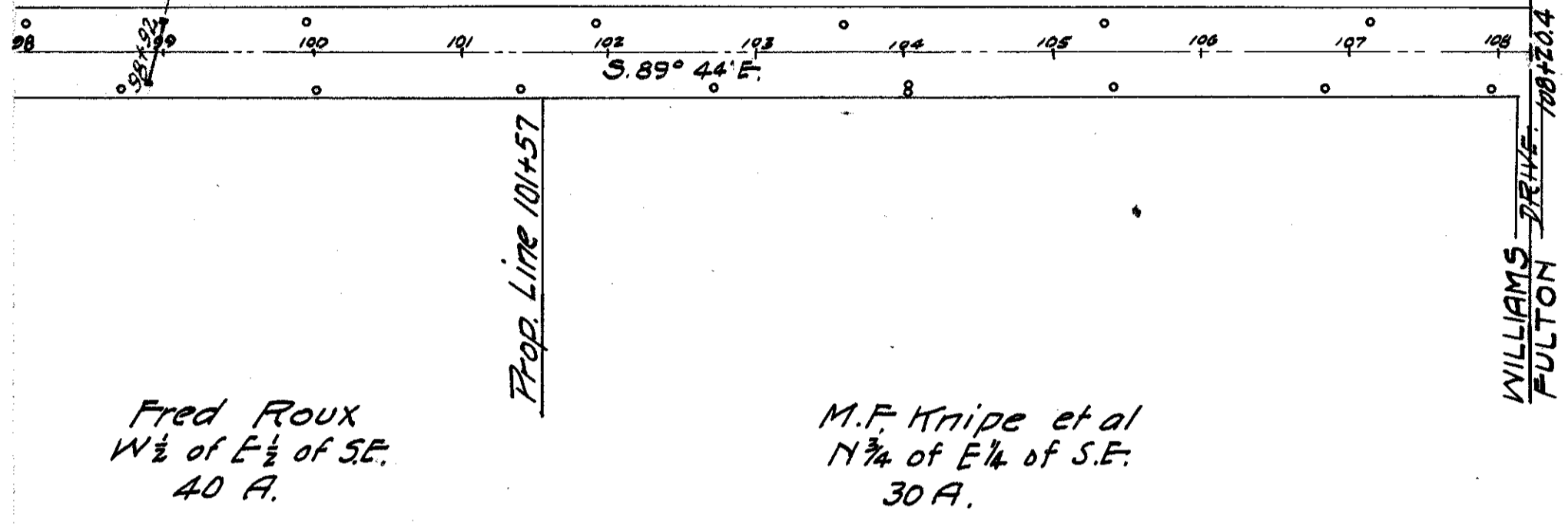
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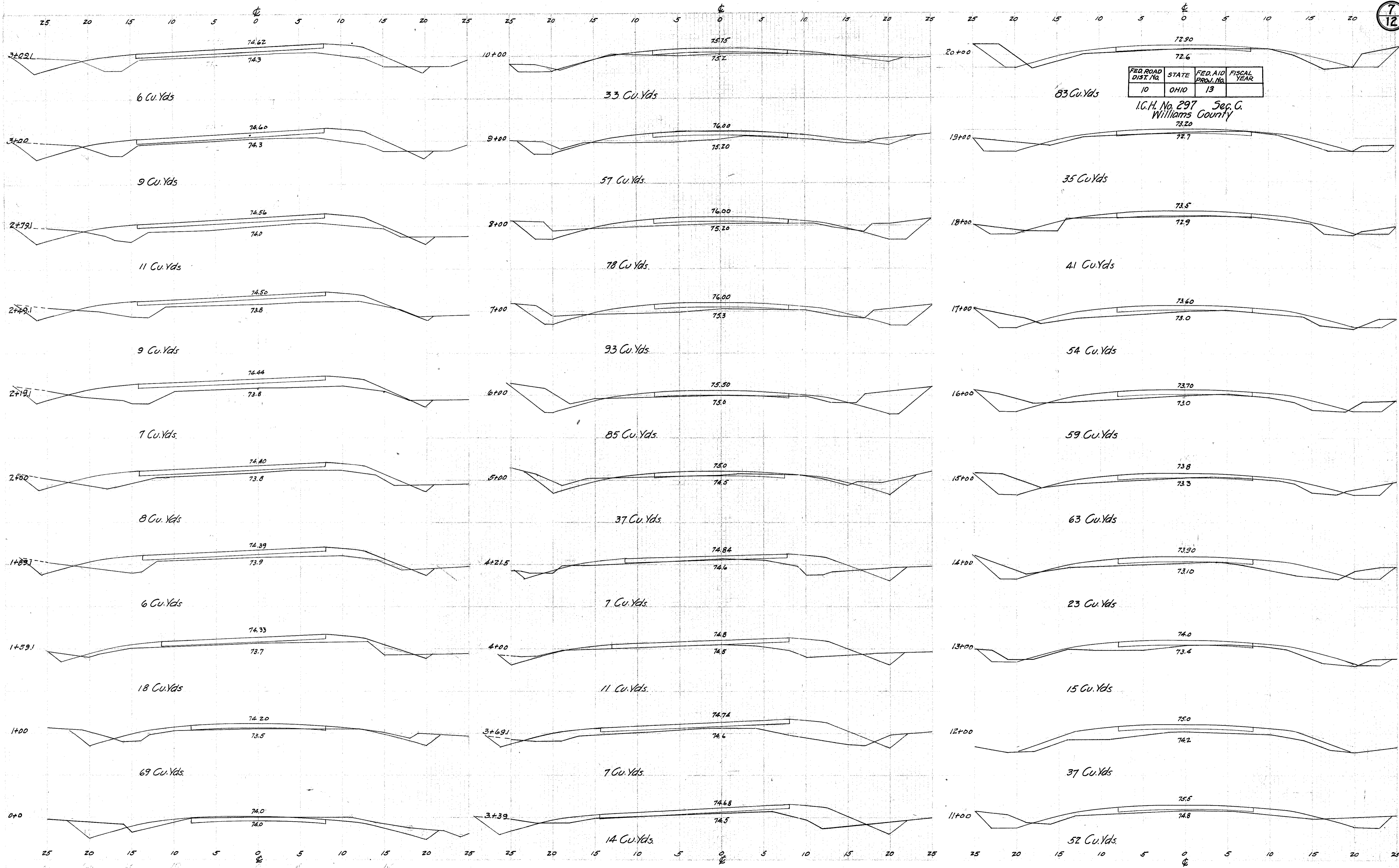
Str. No. 15
Old 36 in. ft 24" C.I. Pipe
Flow 36 in. ft 24" C.I. Pipe New
11 in. ft 24" C.I. Pipe = 38 in. ft 24"
C.I. Pipe without headwalls. And
2 concrete catch basins.

J. Rufenacht
Tract No. 2
103A



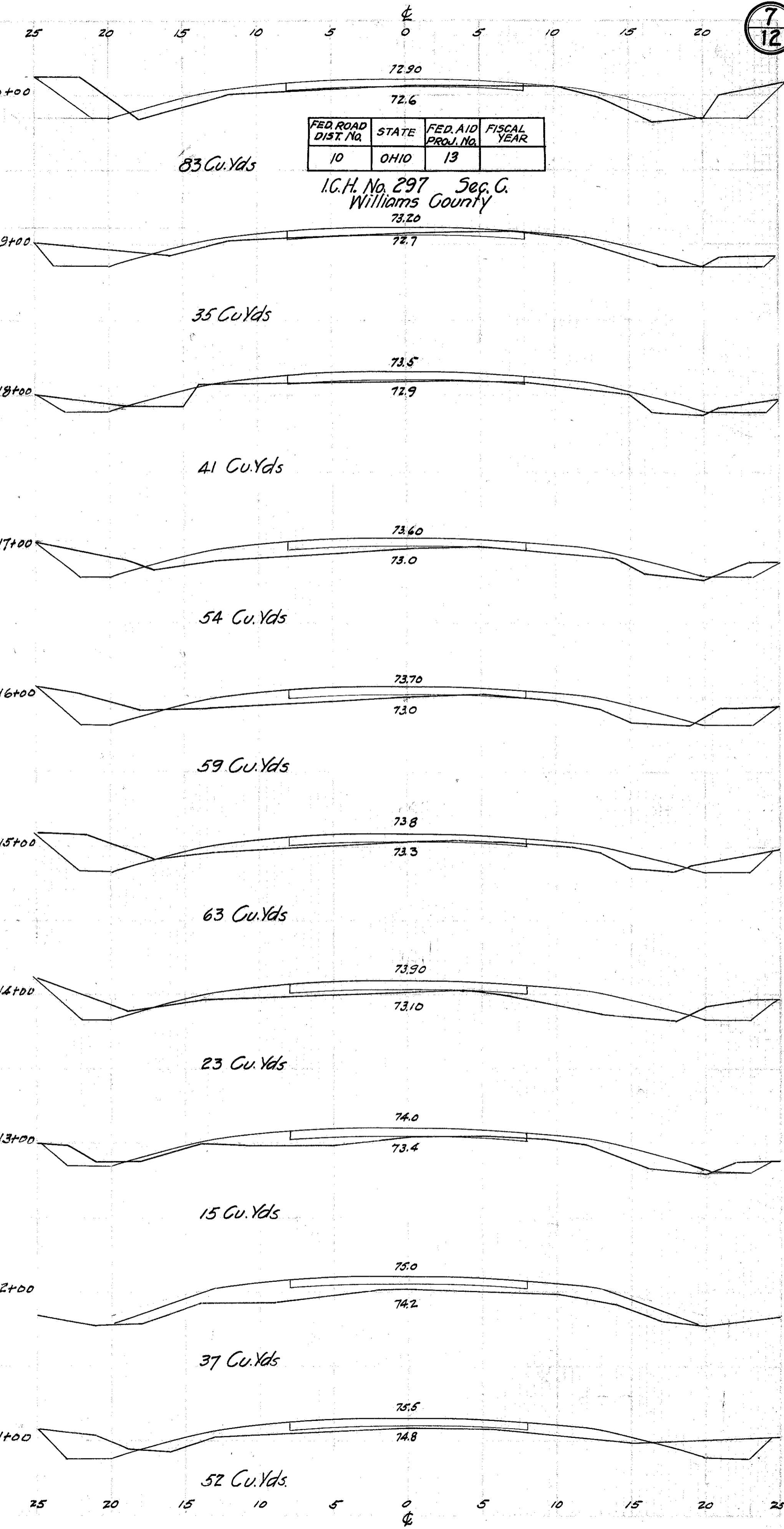
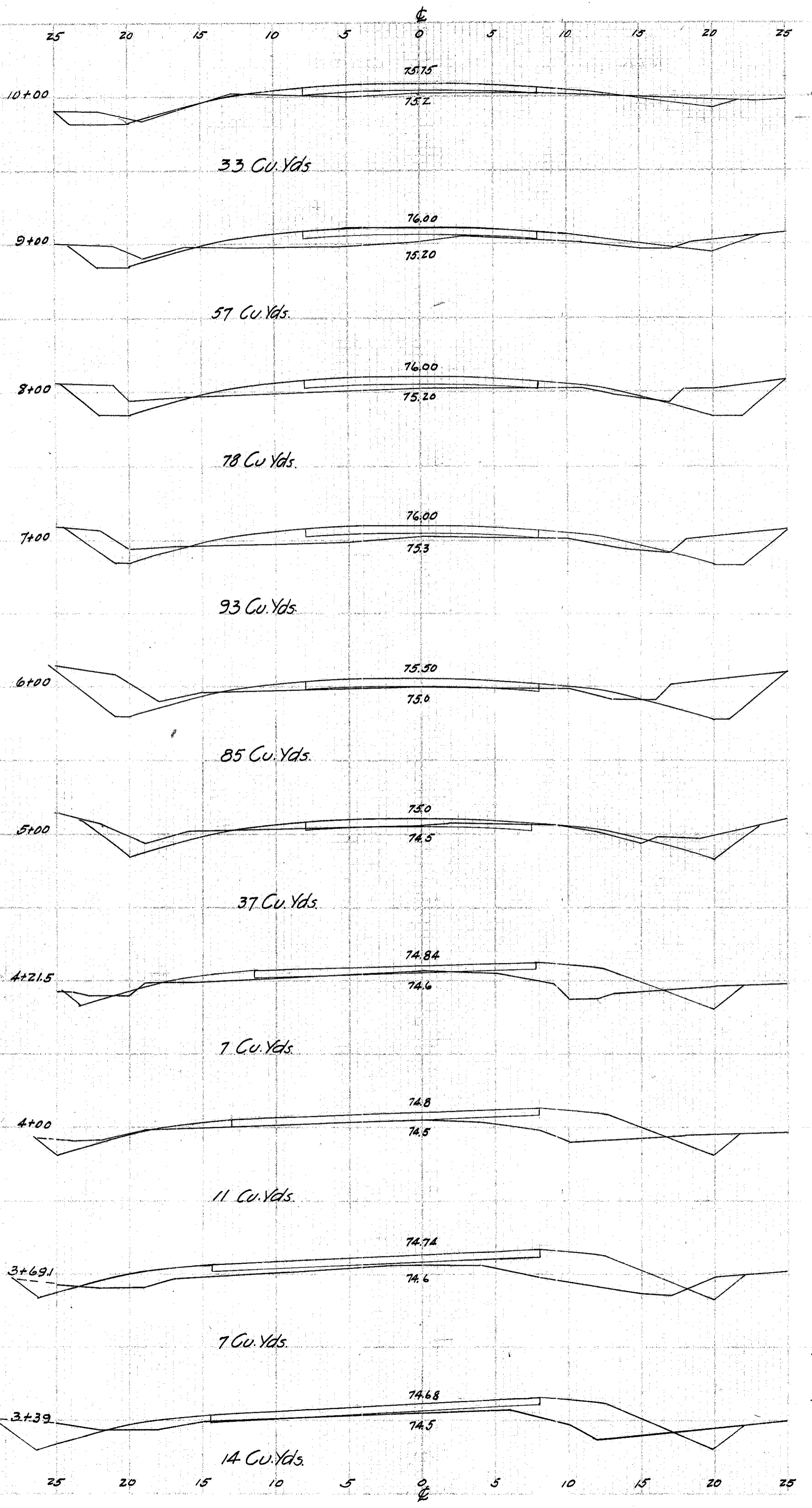
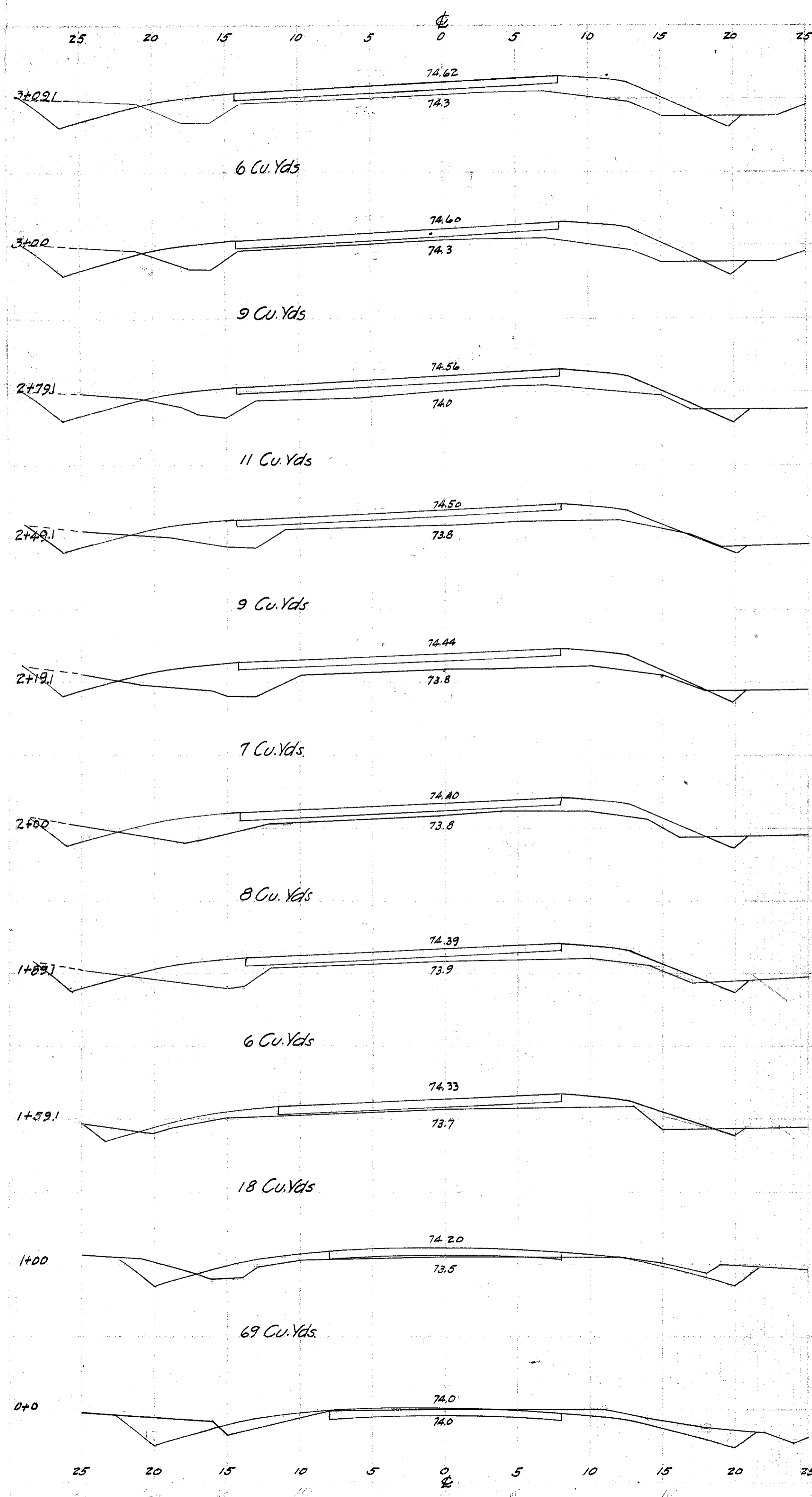
COUNTY END OF IMPROVEMENT EXCEEDS
WILLIAMS COUNTY
FULTON COUNTY

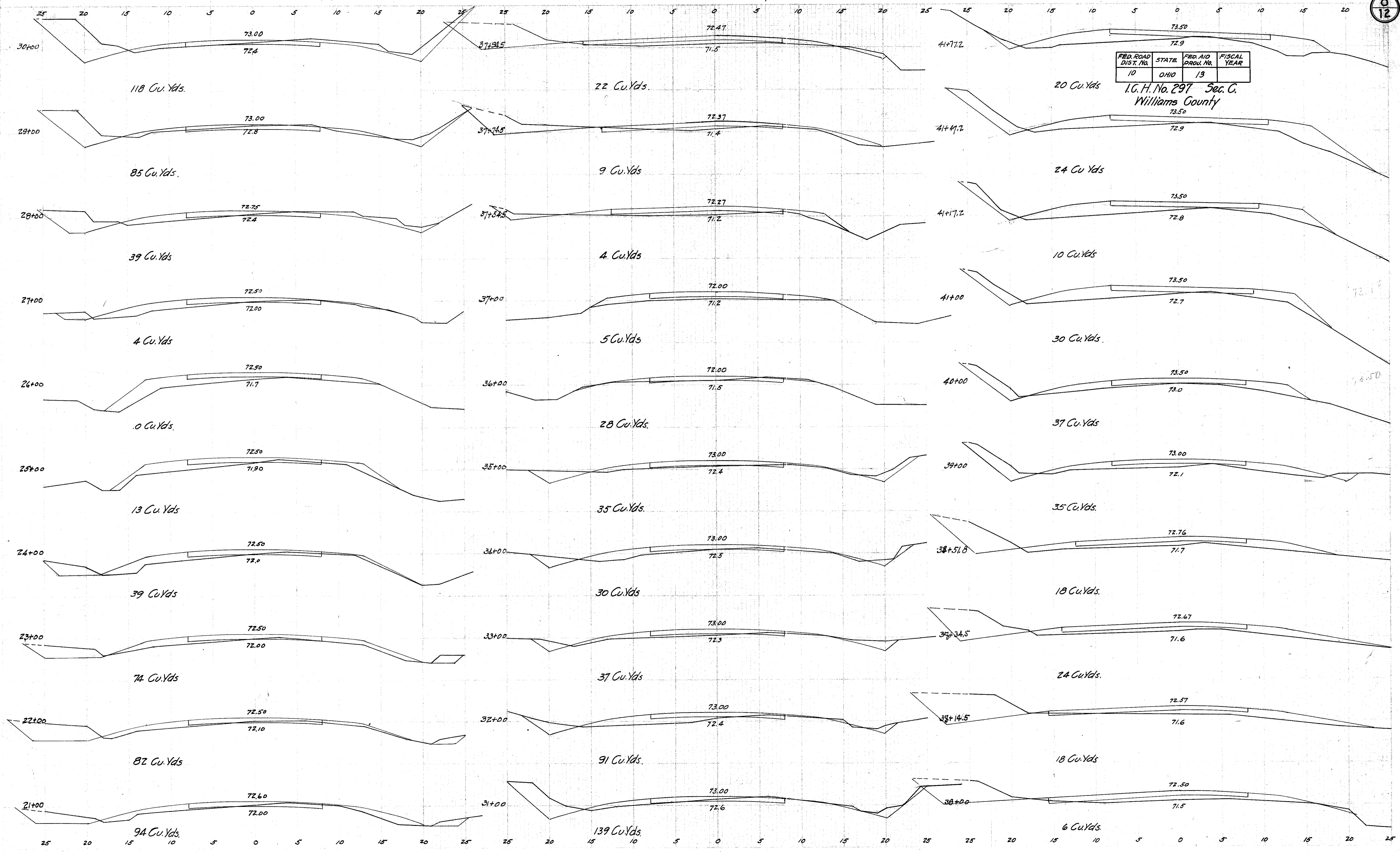




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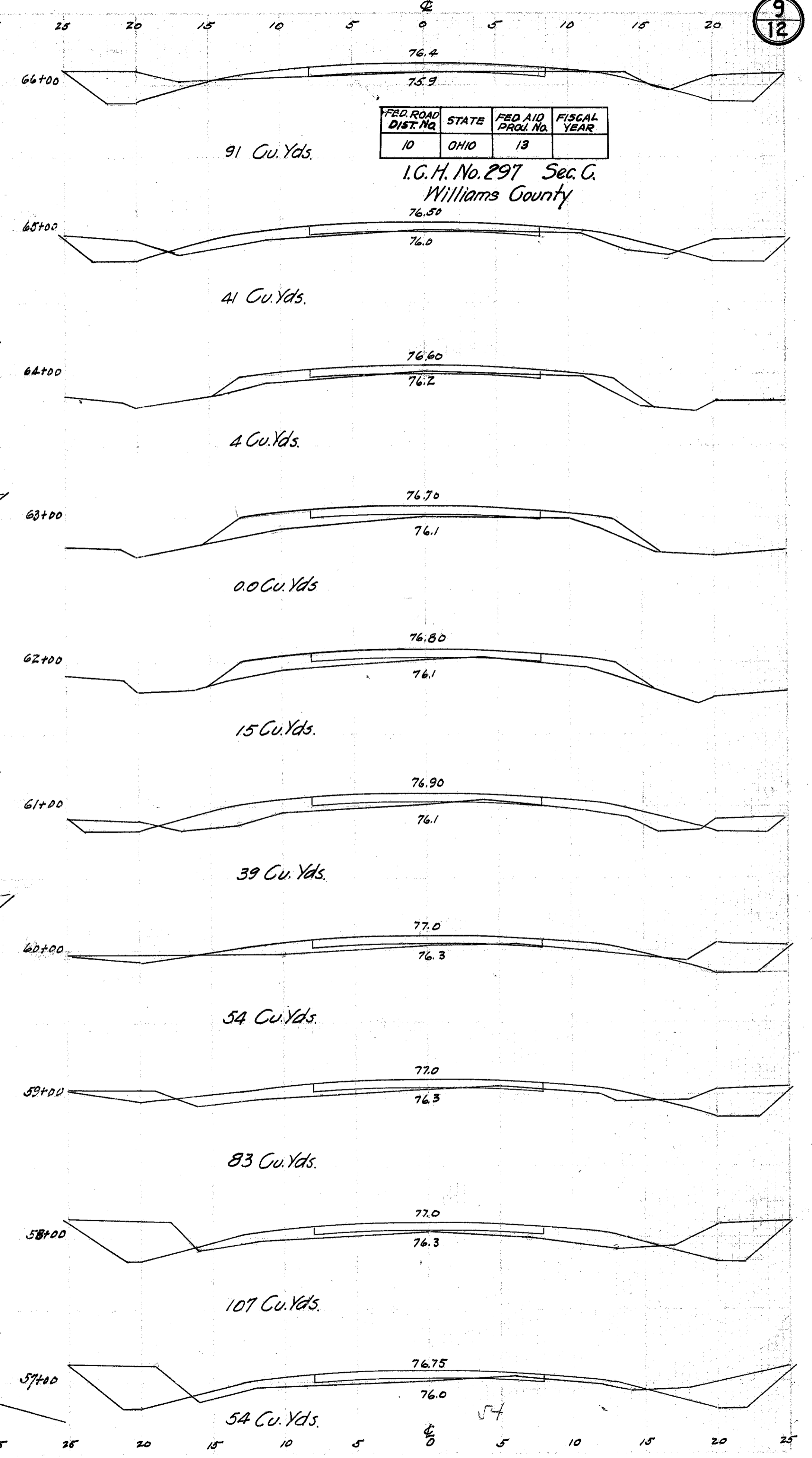
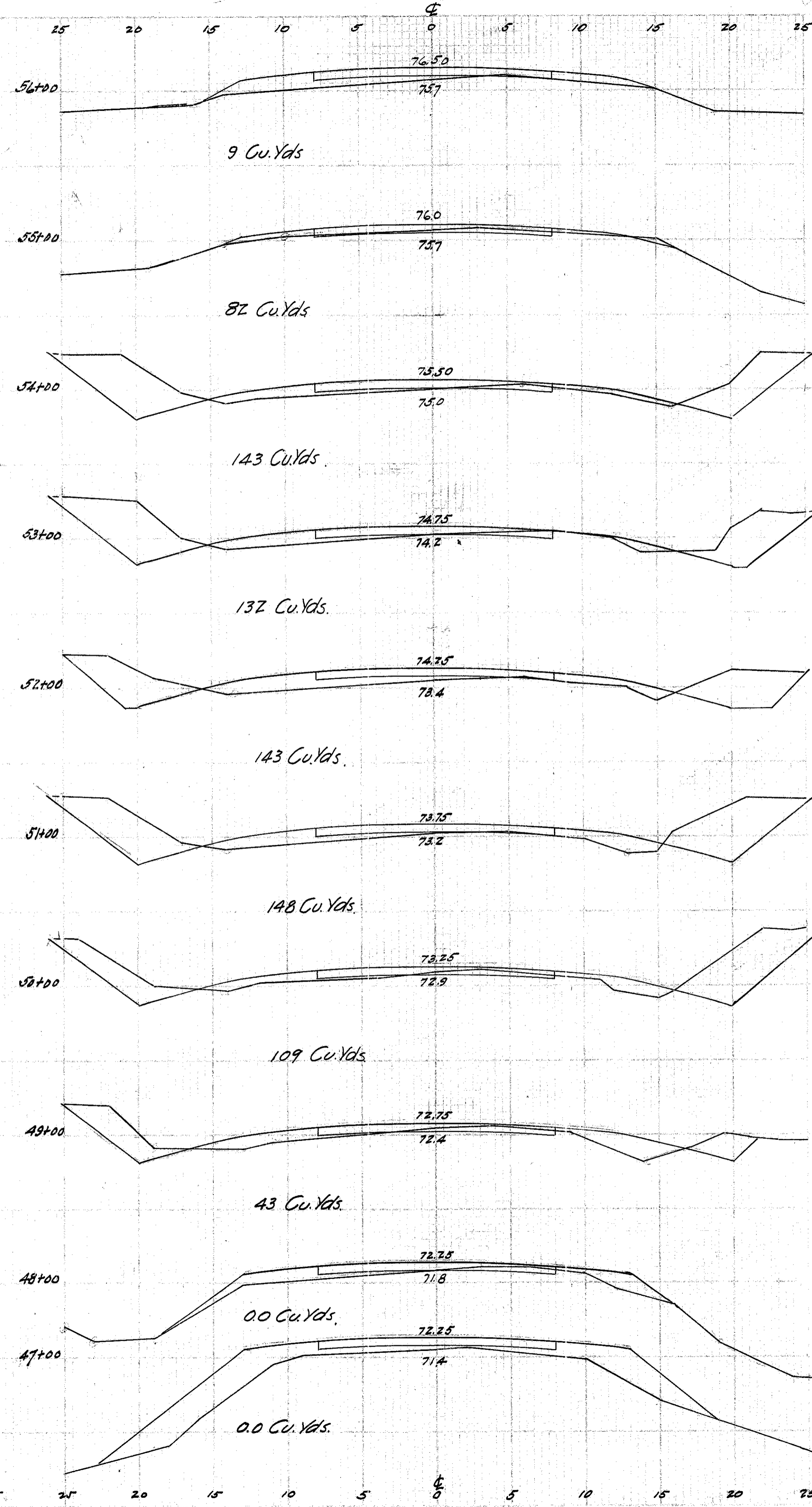
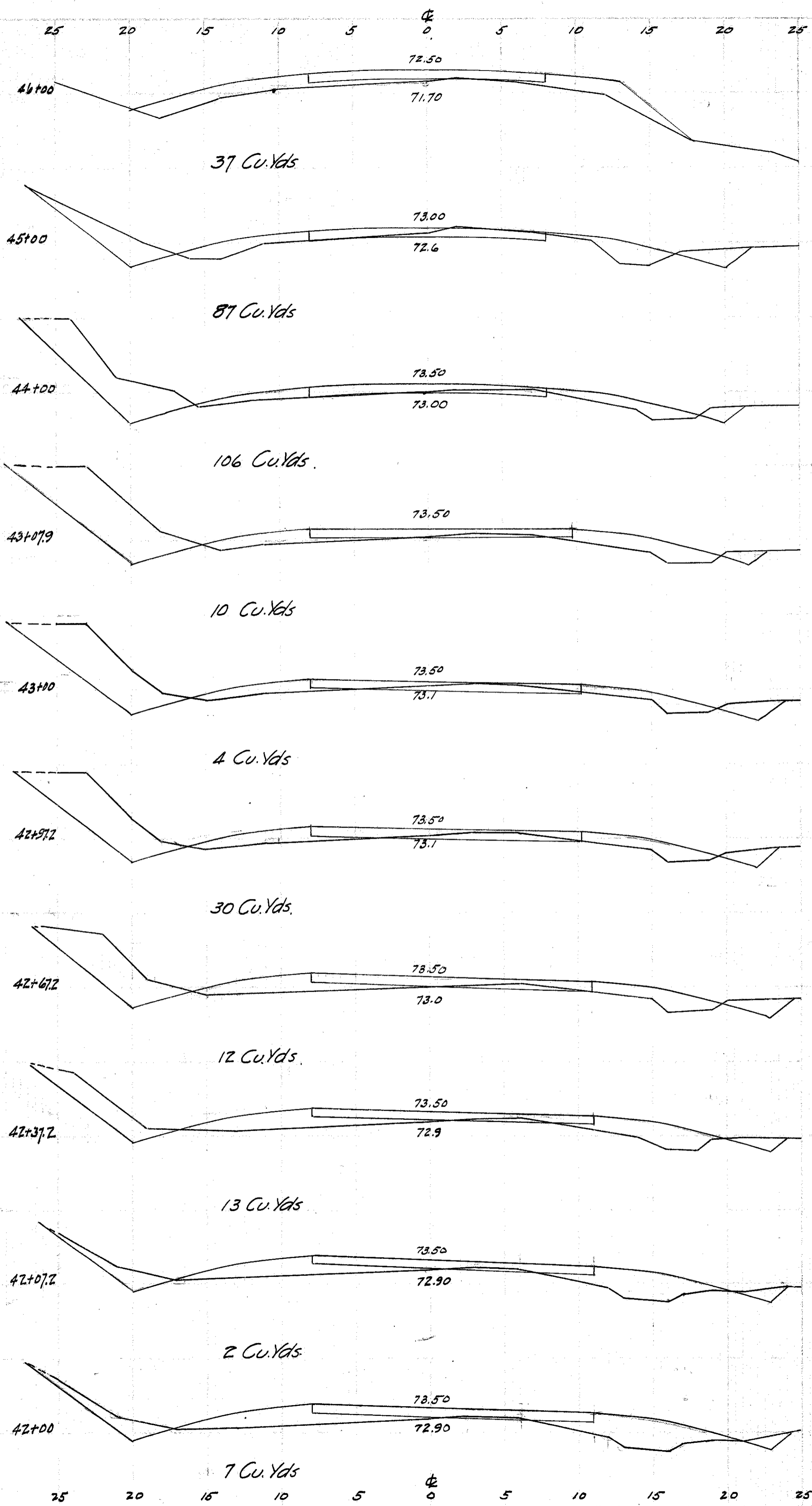
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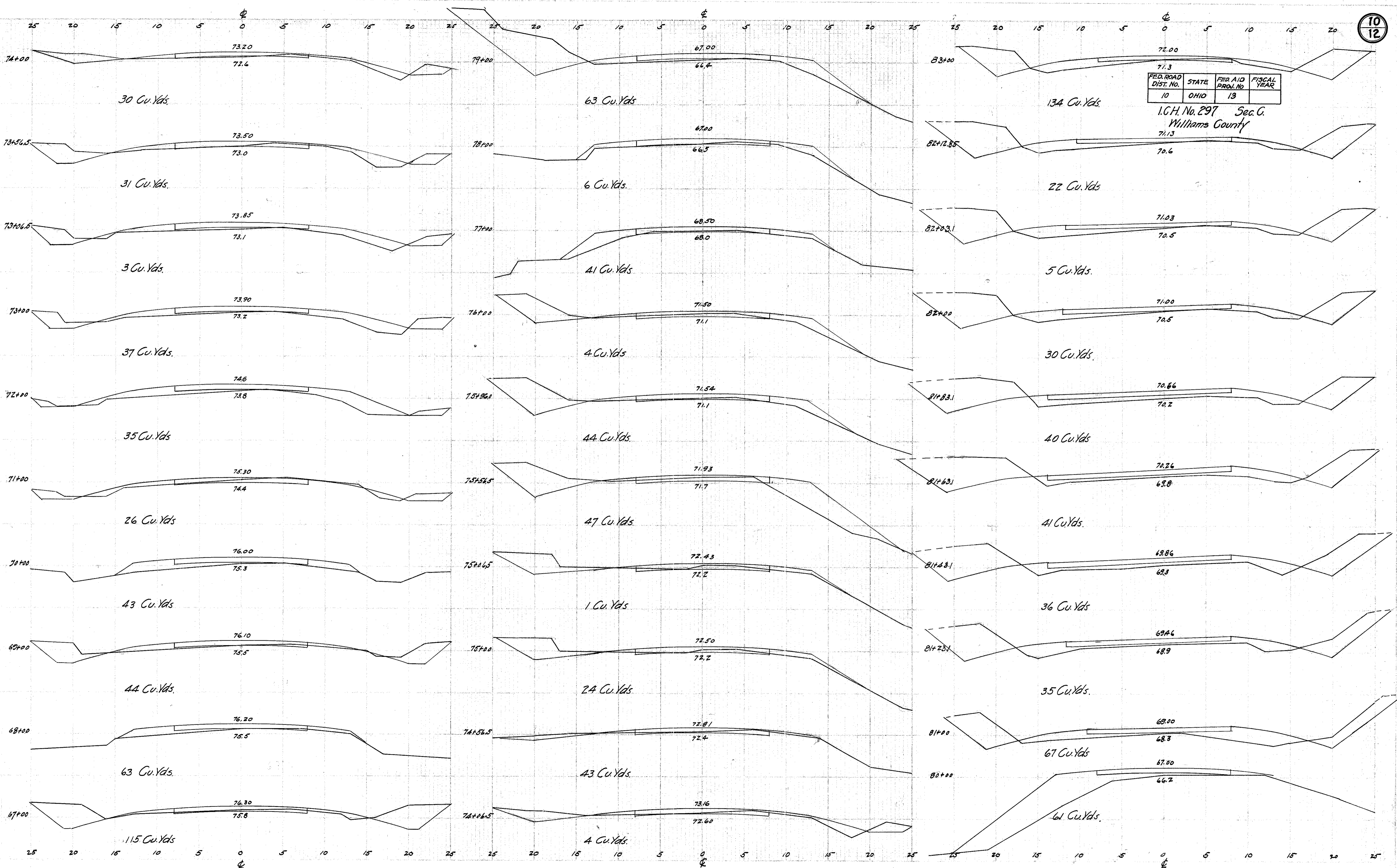
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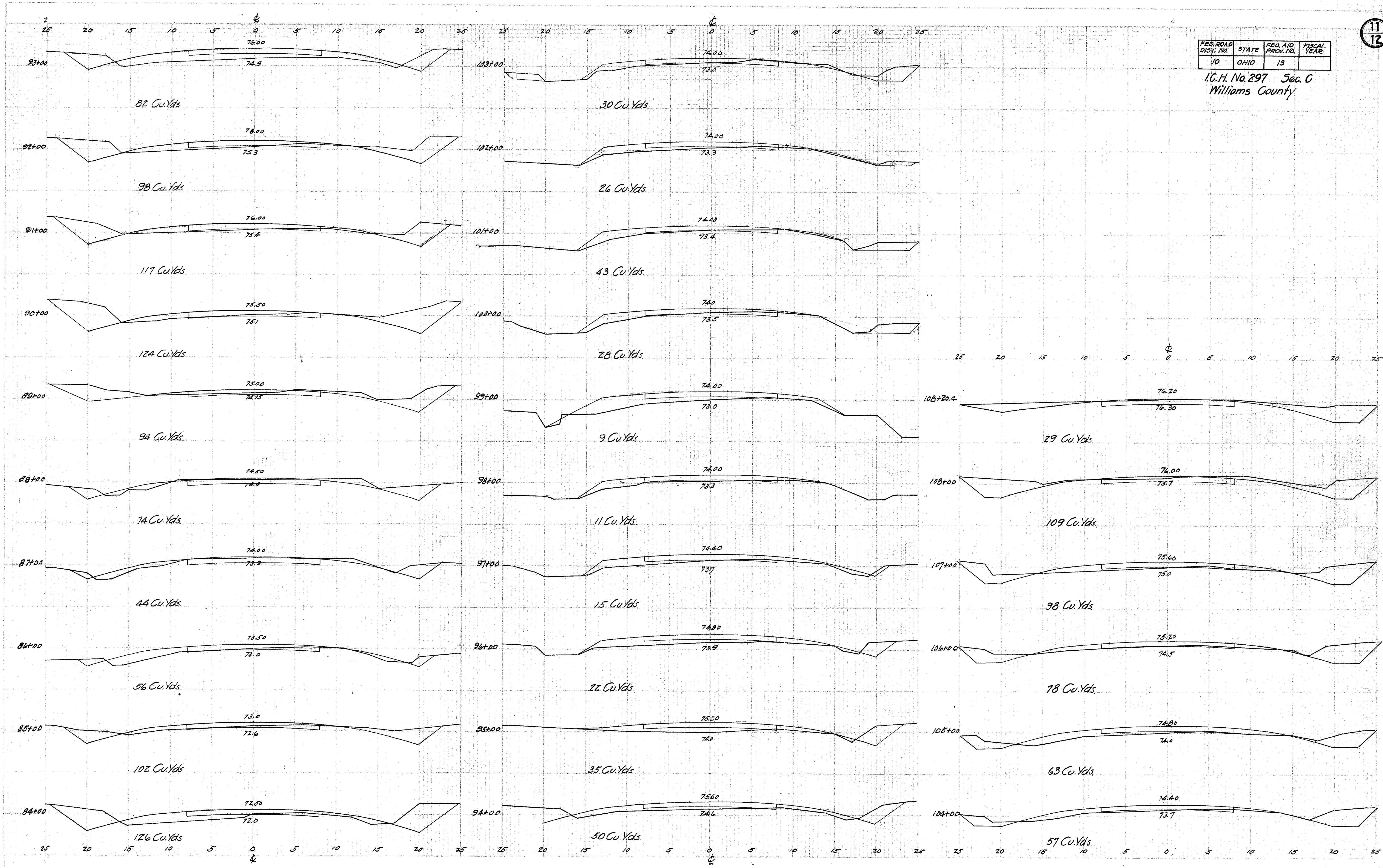


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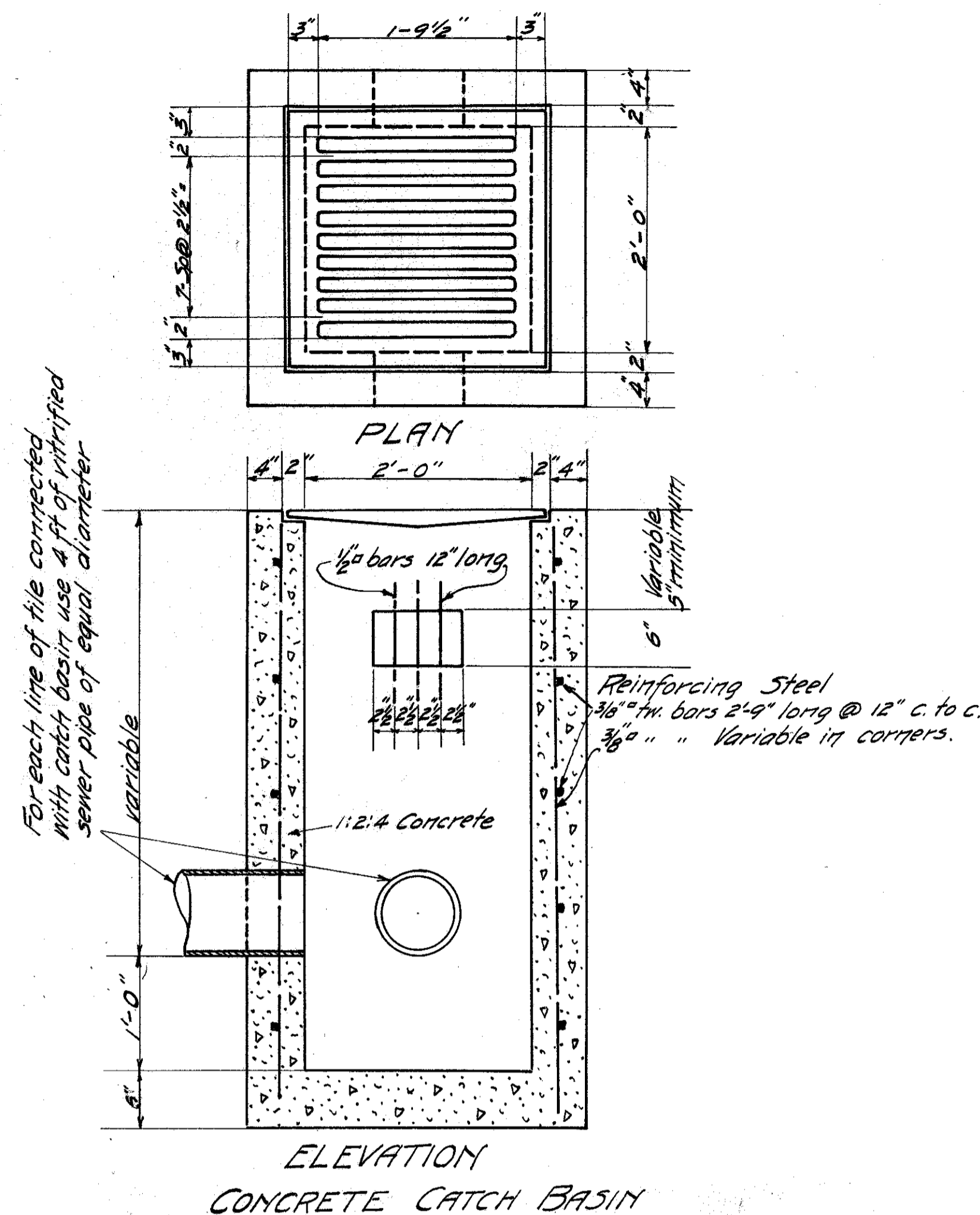
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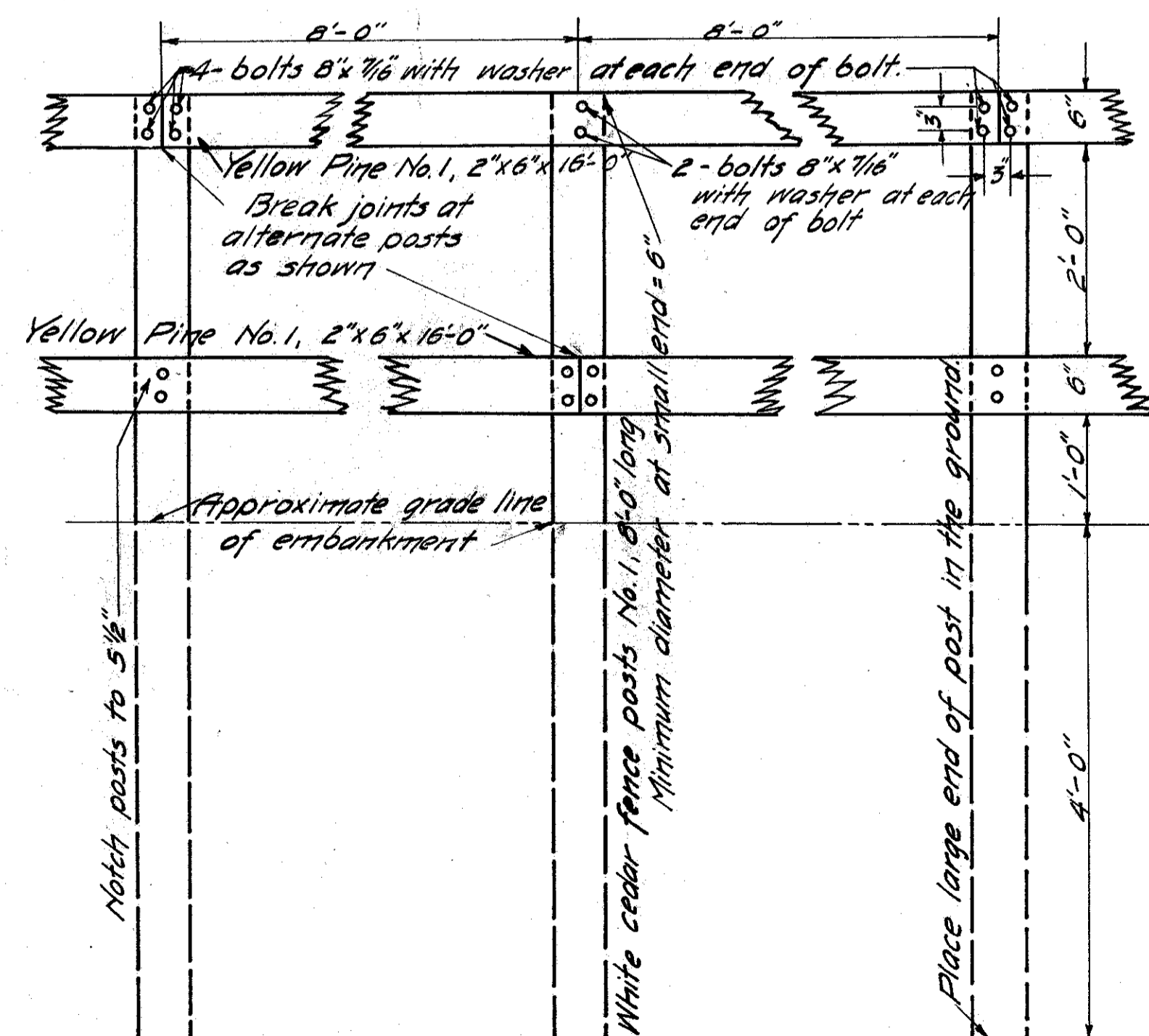
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SUMMARY OF QUANTITIES STRUCTURES UNDER 20'-0" SPAN



ELEVATION
CONCRETE CATCH BASIN



N.B. Posts and guard railing to be treated with two coats of white paint, the constituents of which shall meet the requirements of the general specifications, Item 14-B, 1 to Item 3 inclusive. One coat to be applied before, and the other after erection.

GUARD RAIL FENCE

STATION	TYPE	SIZE	Excavation Cu. Yds.	1:2:4 Concrete Cu. Yds.	Reinforcing Steel Lbs.	Cast Iron Pipe Lineal Feet				Vitrified Pipe Lineal Feet				Concrete Catch Basin No.	Relaying C.I. Pipe Lineal Feet	Remarks.
						12"	18"	24"	30"	4"	6"	8"	10"			
0+20	Concrete Catch Bas.	2'x2'	4											2		Concrete Catch Basin at each side of road
12+59	C.I.P.	12"x38'	10			2				4				2	36	Relay 12" C.I.P. 36', New 12" C.I.P. 2' and 2- Concrete Catch Basins 220 lin. ft. of 10" farm tile
25+79	C.I.P.	18"x38'	140				2						4	2	36	Relay 18" C.I.P. 36', New 18" C.I.P. 2' and 2- Concrete Catch Basins
36+61	C.I.P.	18"x48'	4	1.0	20									1		1- Standard Headwall for 18" C.I.P. and 1- Concrete Catch Bas.
40+80	C.I.P.	12"x38'	4	1.3	30	8										New 12" C.I.P. 8' and 2- Standard Headwalls for 12" C.I.P.
46+60	C.I.P.	18"x68'	2									10		1		1- Concrete Catch Basin South end
55+30	C.I.P.	18"x48'	111							8				2	48	Relay 18" C.I.P. 48' and 2- Concrete Catch Basins
61+40	C.I.P.	12"x38'	29			38				8				2		New 12" C.I.P. 38' and 2- Concrete Catch Basins
68+18	C.I.P.	12"x40'	30			8						8		2	32	Relay 12" C.I.P. 32', New 12" C.I.P. 8' and 2- Concrete C. Basins
72+05	C.I.P.	12"x38'	25			38				8				2		New 12" C.I.P. 38' and 2- Concrete Catch Basins
77+60	C.I.P.	30"x84'	7	3.6	55			4								New 30" C.I.P. 4ft and 2- Standard Headwalls for 30" C.I.P.
79+65	C.I.P.	24"x72'	16	2.8	45											2- Standard Headwalls for 24" C.I.P.
85+93	C.I.P.	12"x34'	5	1.3	30	4										New 12" C.I.P. 4' and 2- Standard Headwalls for 12" C.I.P.
94+86	C.I.P.	12"x30'	9	2.6	45	30										New 12" C.I.P. 30' and 2- Standard Side Flood Headwalls 12" C.I.P.
98+92	C.I.P.	24"x38'	30							2				2	36	Relay 24" C.I.P. 36' New 24" C.I.P. 2' and 2- Concrete Catch Basins
Total			426	12.9	225	128	2	2	4	12	16	24	22	18	188	220 lin. ft. of 10" farm tile.