

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR
10	OHIO	67	

STATE HIGHWAY DEPARTMENT OF OHIO  
 BUREAU OF CONSTRUCTION

SEC. E-BELLEFONTAINE-WAPAKONETA ROAD

I. C. H. 168 M. M. XI PET. 3326

LOGAN COUNTY

STOKES TOWNSHIP

MARCH 1919

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2	Curve details	
3	Cross Section details in Cuts & Fills	
3	Plans & Profile	Sta. 391+82 to 420.
4	" "	" 420 to 450.
5	" "	" 450 " 480.
6	" "	" 480 " 510.
7	" "	" 510 " 540.
8	" "	" 540 " 561+94.
9	Cross Section	" 391 " 446.
10	" "	" 447 " 503.
11	" "	" 504 " 561+94.
12	summary of Bridges & culverts	
13	Assessment Plat.	

Scales  
 Plan 1" = 100'  
 Profile (vertical) 1" = 10'  
 Profile (horizontal) 1" = 100'  
 Cross Sections 1" = 5'

County Line -----  
 Township Line -----  
 Section Line -----  
 Center Line -----  
 Village Line -----  
 Fence Line \* \* \* \* \*  
 Telephone Line T T T T T T  
 Steam or Electric Lines -----



Location Plan

— Federal Project  
 Scale: one inch = one mile  
 --- Detour Roads  
 ⊕ Detour Signs

Sec. E. From Sta. 391+82 to 561+94

Federal Project No. 67 Includes —  
 Main Market XI, I.C.H. No. 130 Section C.  
 Main Market XI, I.C.H. No. 168 Section E.  
 Main Market XI, I.C.H. No. 168 Section F.  
 Main Market XI, I.C.H. No. 168 Section G.

Ohio State Standard Specifications to control.

We, the Commissioners of Logan County hereby approve these plans and certify that the Right-of-way of Fifty Feet width is available for the construction, maintenance and repair of the above highway.

Signed: J. Wilkarch  
W. M. Bennett  
W. A. Bell

Dated: March 3, 1919 County Commissioners

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

Date: March 3, 1919 Walter W. Lath  
 Resident Engineer

Date: June 9, 1919 Ernest M. Davis  
 Division Engineer

Date: June 16, 1919 A. D. Brunning  
 Chief Highway Engineer

Date: 6/19/19 Imbert Cornum  
 State Highway Commissioner

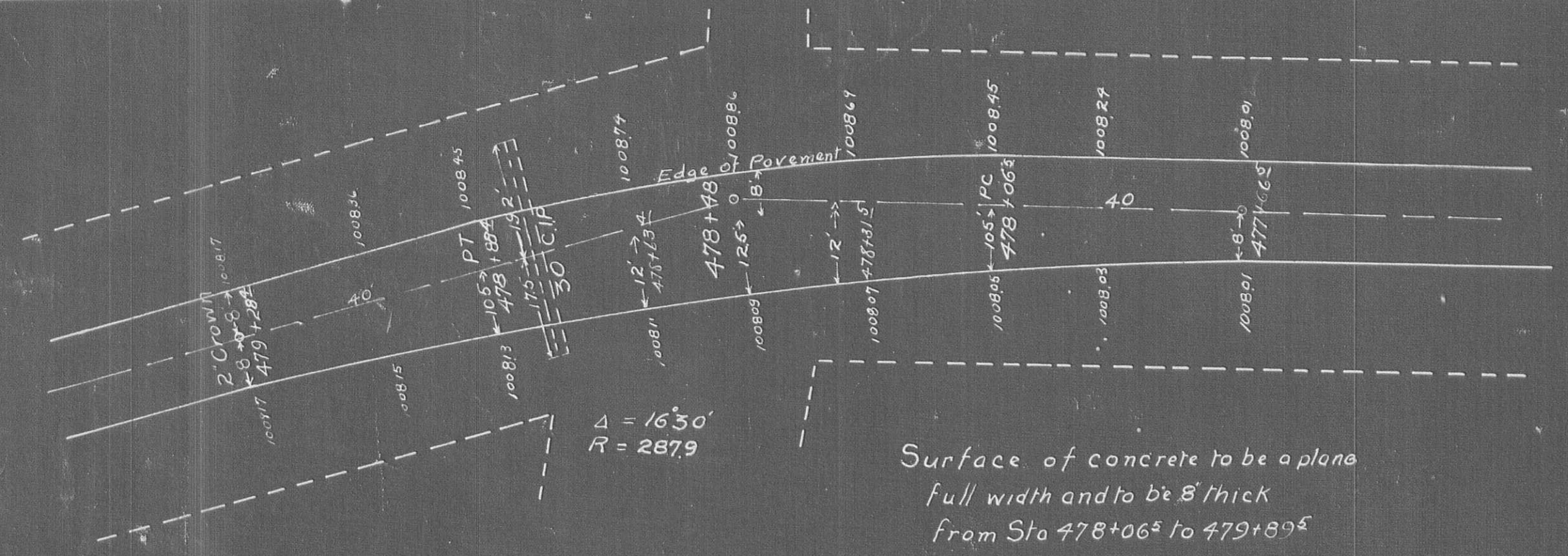
Approved \_\_\_\_\_  
 Date \_\_\_\_\_

Approved \_\_\_\_\_  
 Date \_\_\_\_\_

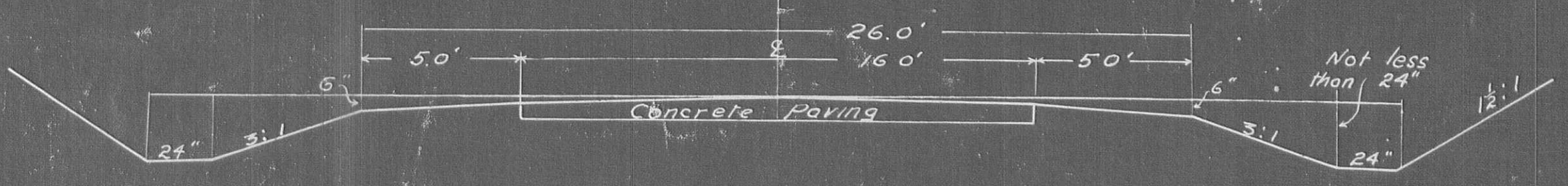
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 Date \_\_\_\_\_



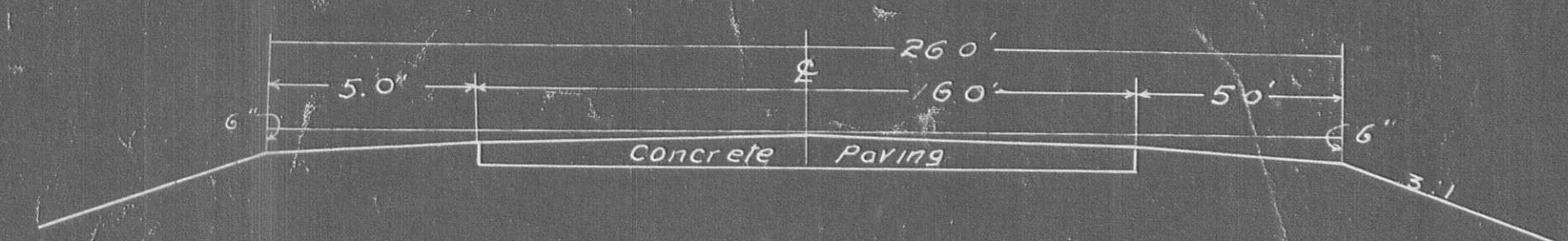
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Plan of Paving at Sta 478+48



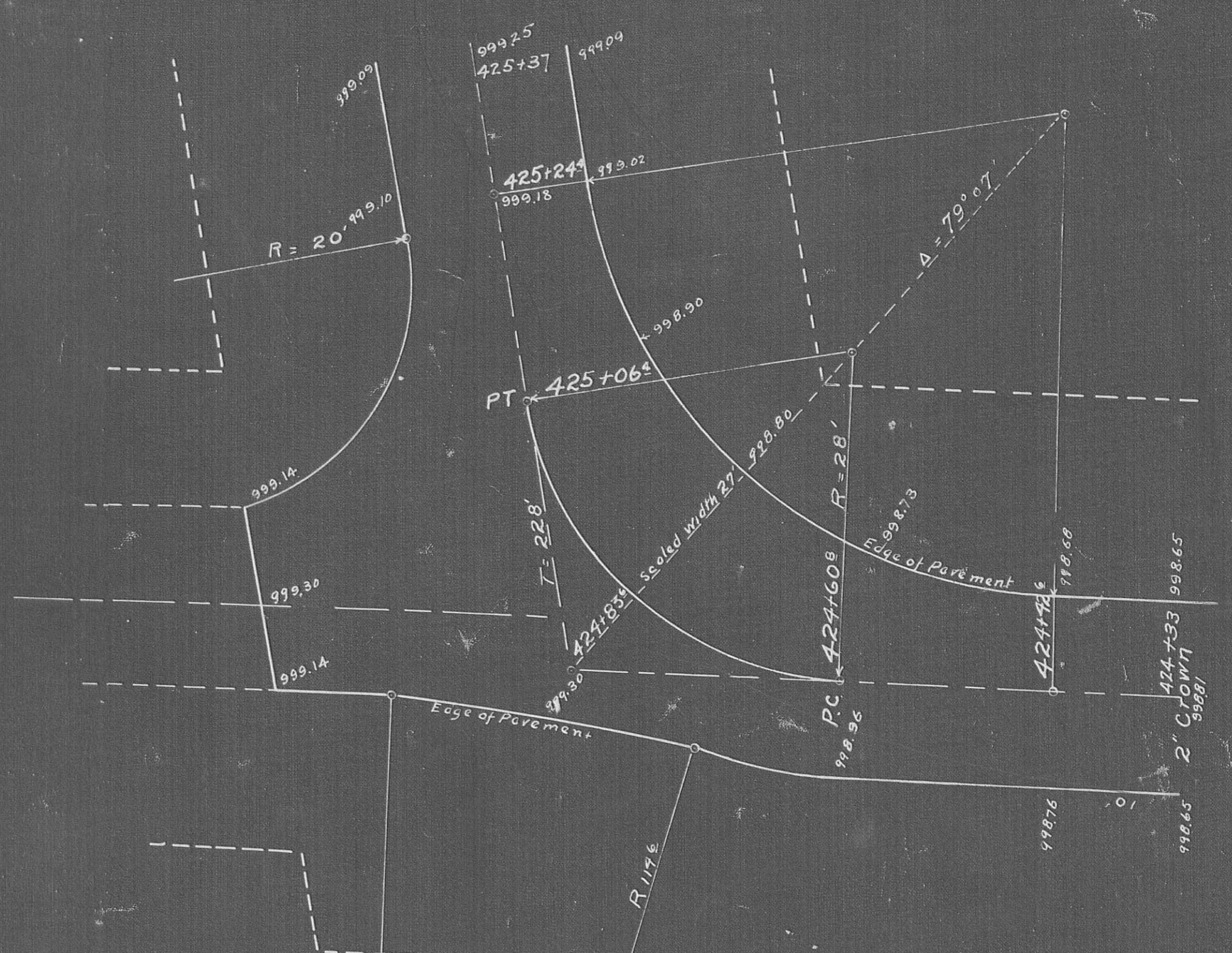
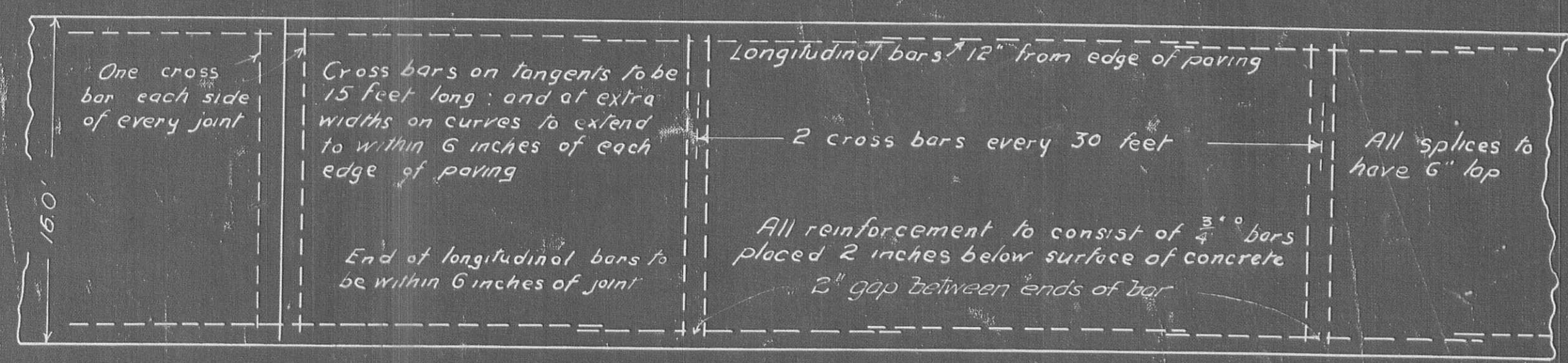
Cross Section in "Cuts"



Cross Section in "Fills"

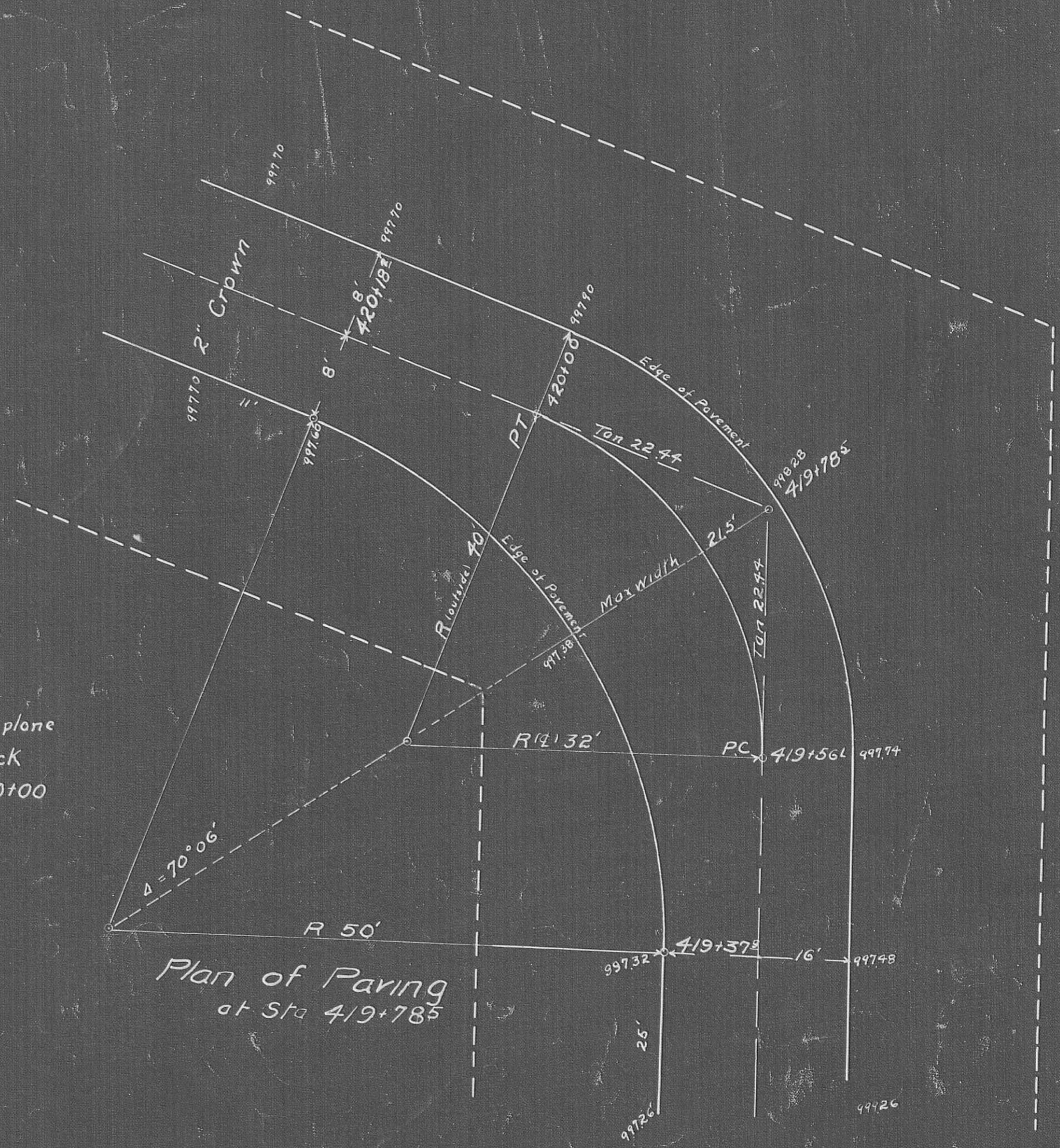


Section of Paving on Tangents



Plan of Paving at Sta 424+83

Surface of concrete to be a plane full width and to be 8" thick from Sta 424+42 to 425+06



Plan of Paving at Sta 419+78

Surface of concrete to be a plane full width and to be 8" thick from Sta 419+37 to 420+00

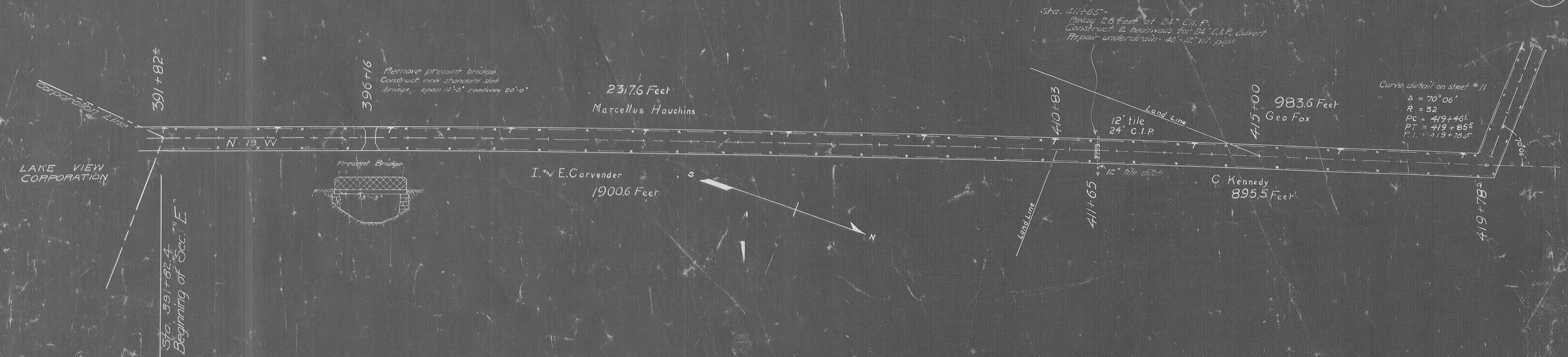
Widening and Super elevation of Concrete at Curves



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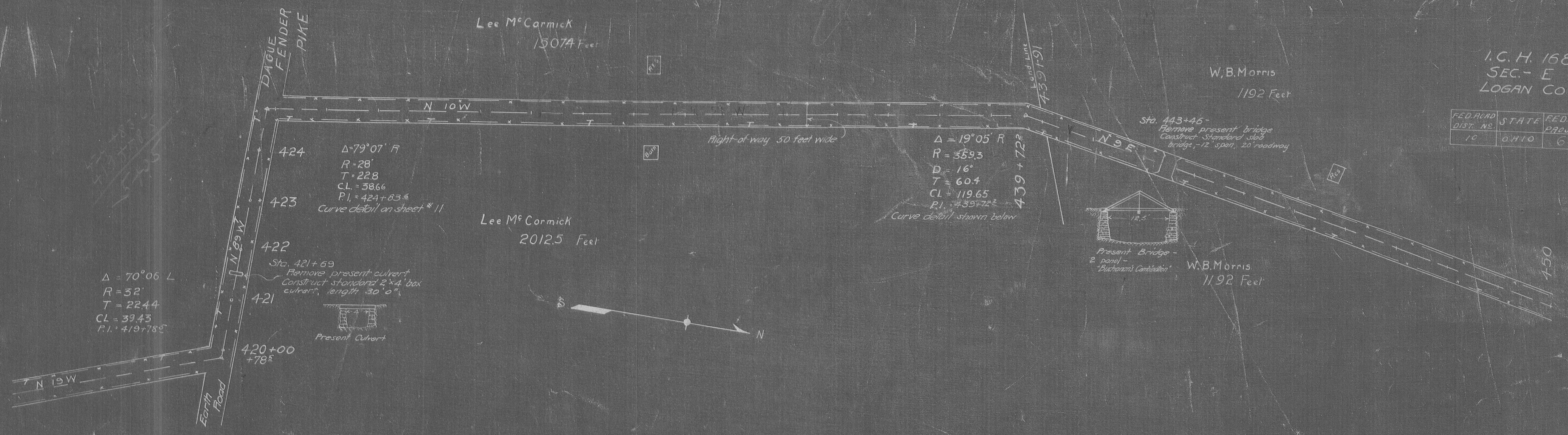
3  
13



ORIGINAL SURVEY	BY	DATE
NOTE BOOK		
AREAS CHECKED		

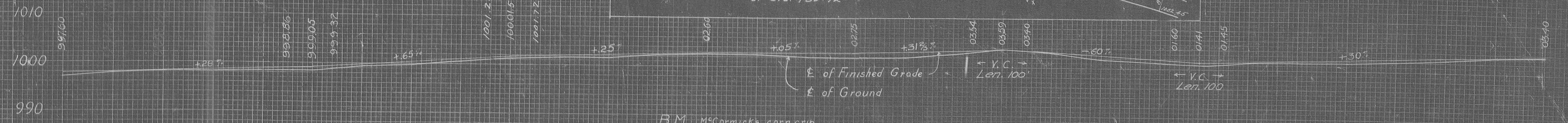
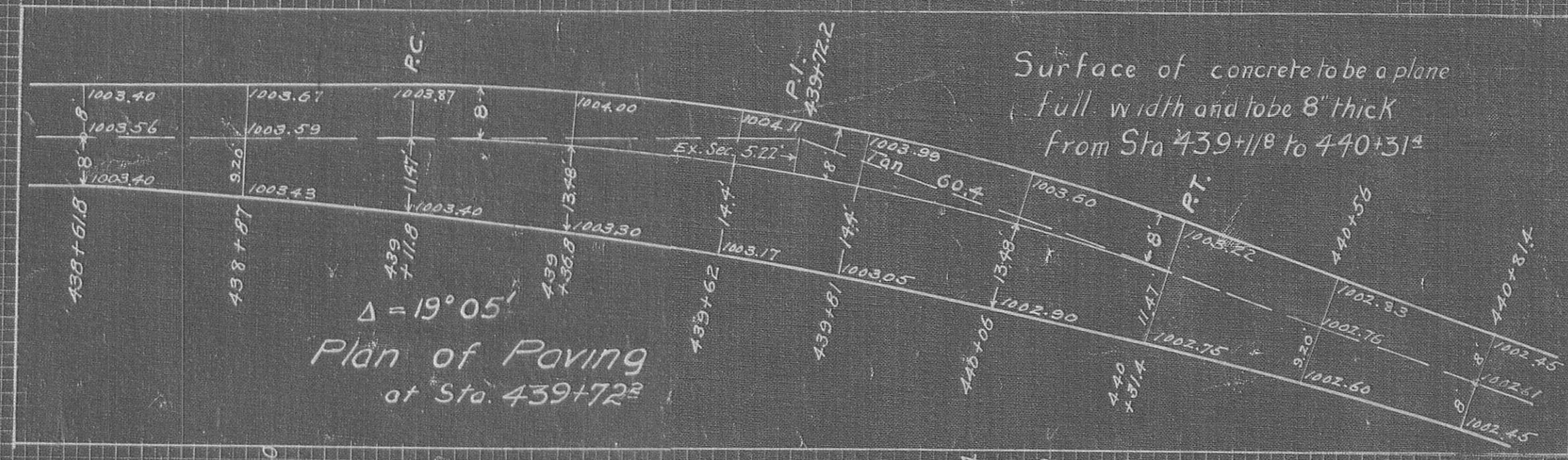


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420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450

Grade Elevations given are for crown of finished pavement



B.M. McCormick's corn crib  
 on stone pillar  
 Right Sta 433+00  
 Elev 1002.79

245 Cu. Yds. Cut  
 131 Cu. Yds. Fill

257 Cu. Yds. Cut  
 181 Cu. Yds. Fill

214 Cu. Yds. Cut  
 185 Cu. Yds. Fill

197 Cu. Yds. Cut  
 163 Cu. Yds. Fill

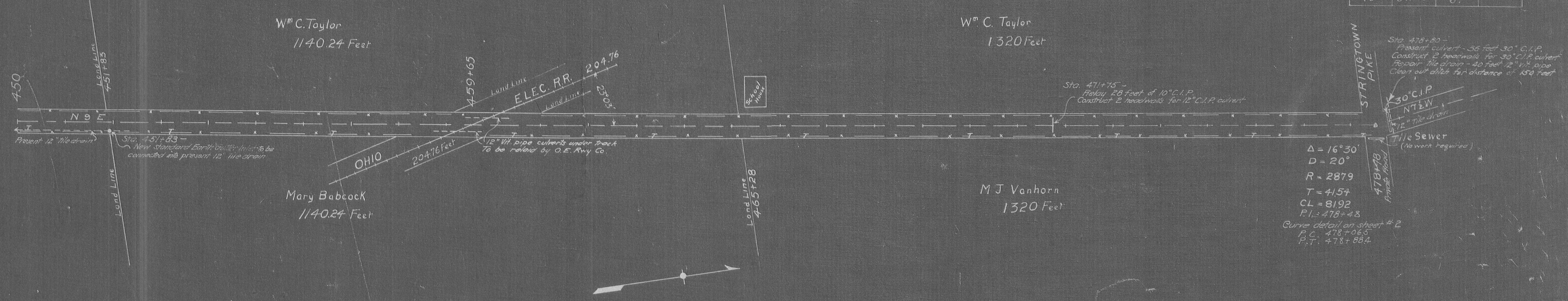
DATE	REVISION

ORIGINAL SURVEY PLOTTED TEMPLATE NOTE BOOK AREA CHECKED



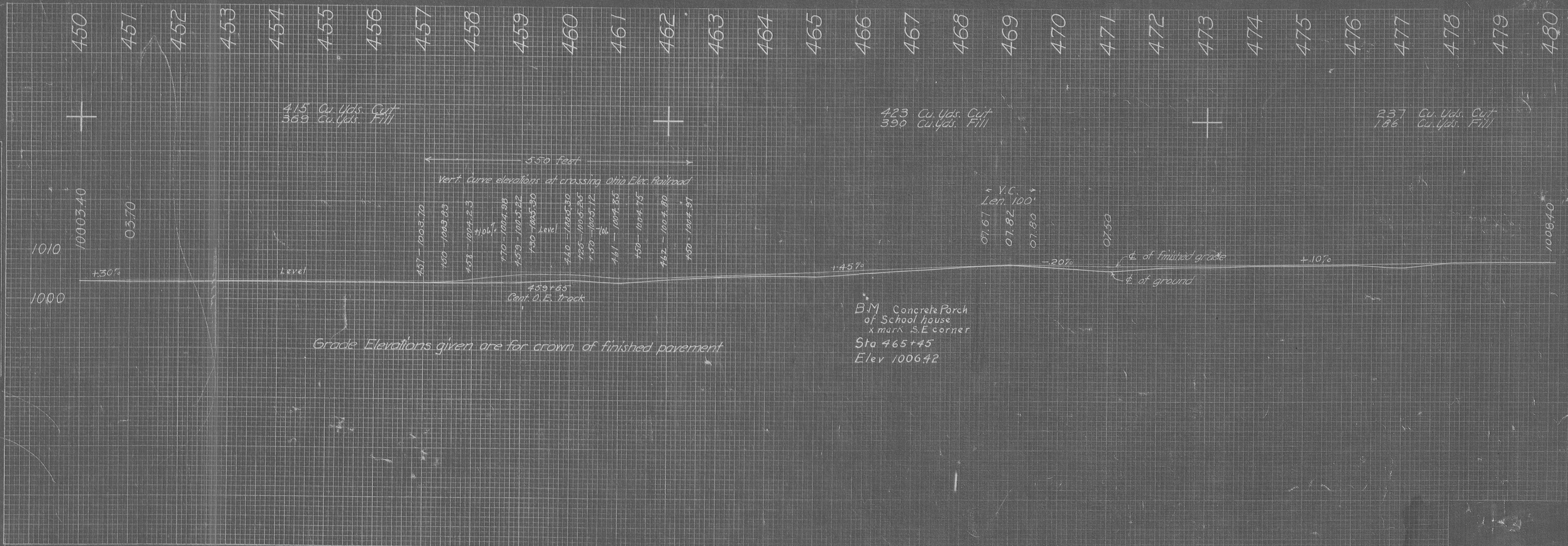
I.C.H. 168  
 SEC. E  
 LOGAN CO. 5  
13

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$\Delta = 16^{\circ}30'$   
 $D = 20'$   
 $R = 2879$   
 $T = 4154$   
 $CL = 8192$   
 $PI = 478+48$   
 Curve detail on sheet # 2  
 $P.C. = 478+06.5$   
 $P.T. = 478+86.4$

ORIGINAL SURVEY	BY	DATE
REVISIONS		
NOTE BOOK NO.		
REVISIONS CHECKED		

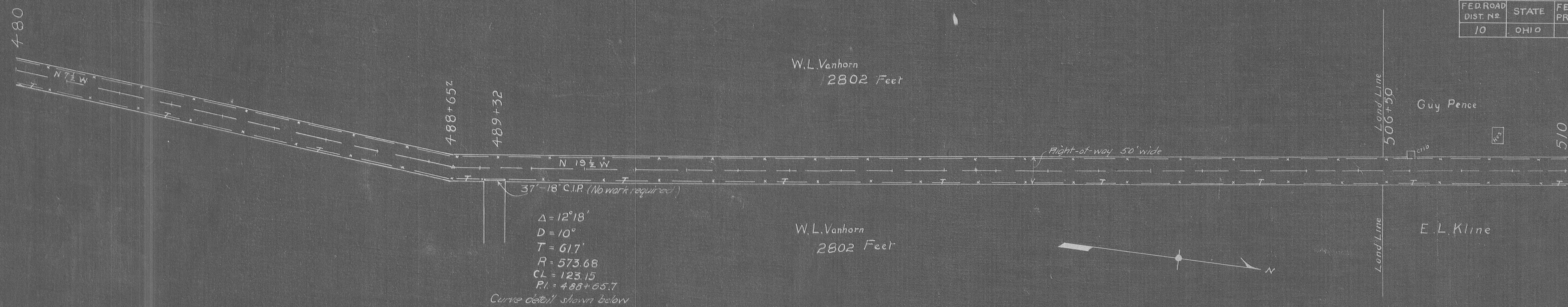




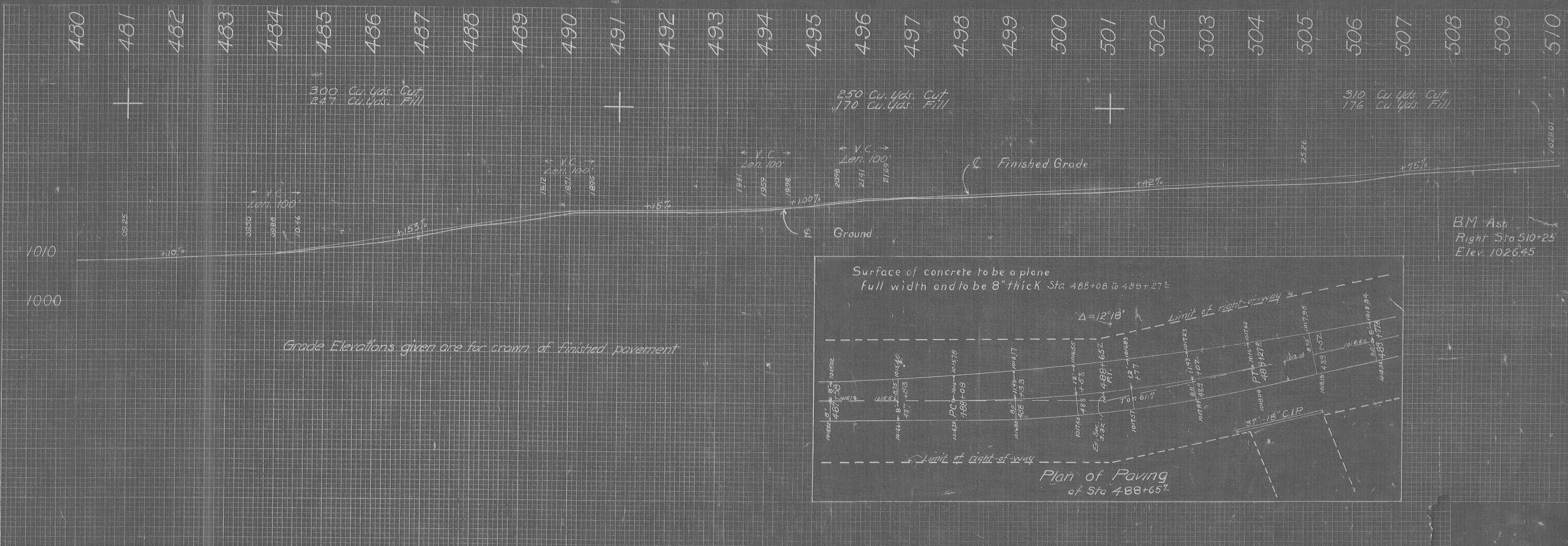
I.C.H. 168  
 SEC.-E  
 LOGAN CO.

6  
 73

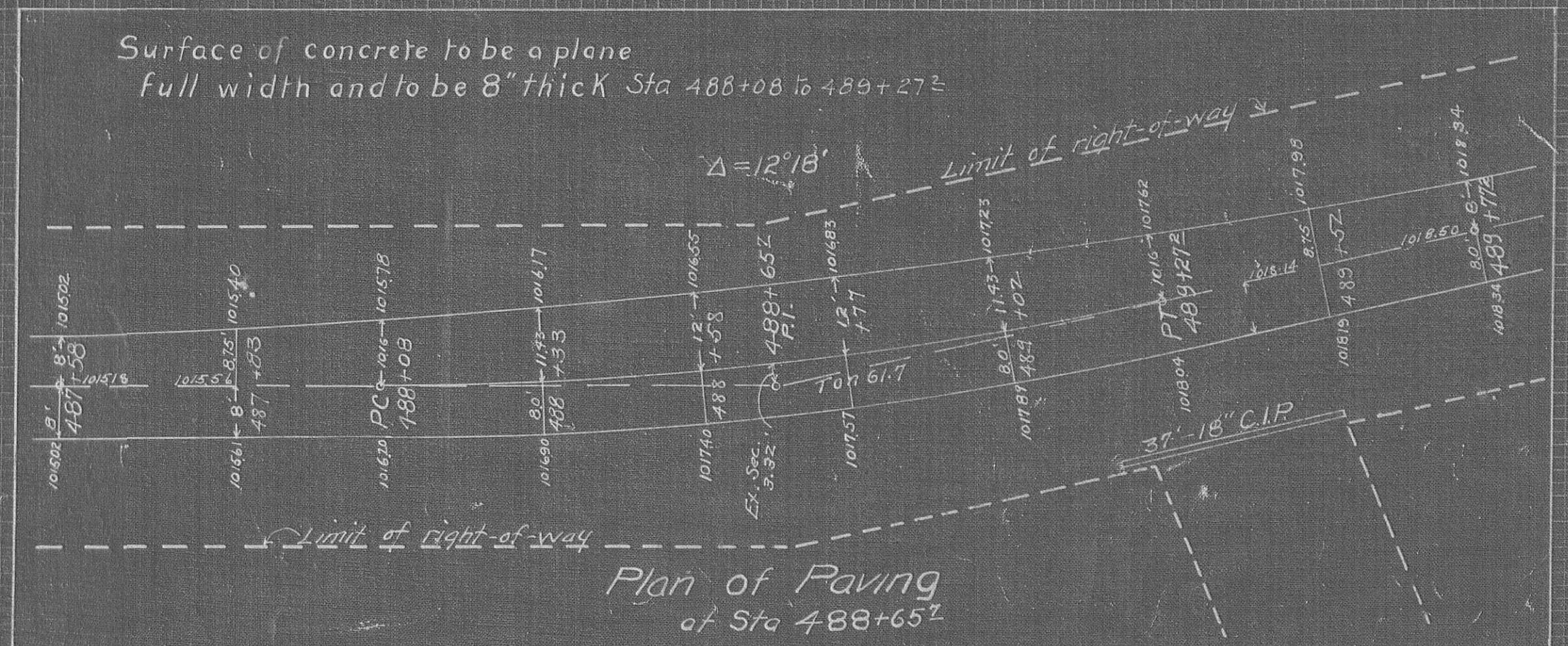
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR
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$\Delta = 12^\circ 18'$   
 $D = 10'$   
 $T = 61.7'$   
 $R = 573.68$   
 $CL = 123.15$   
 $PI = 488+65.7$   
 Curve detail shown below



Grade Elevations given are for crown of finished pavement



B.M. Ash  
 Right Sta 510+25  
 Elev. 1026.45

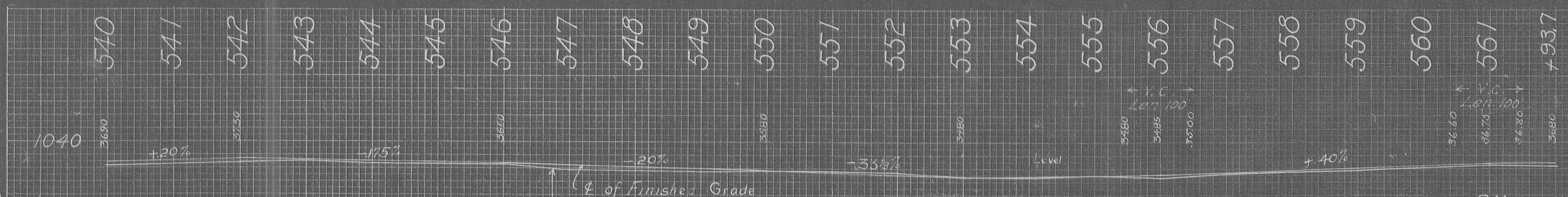
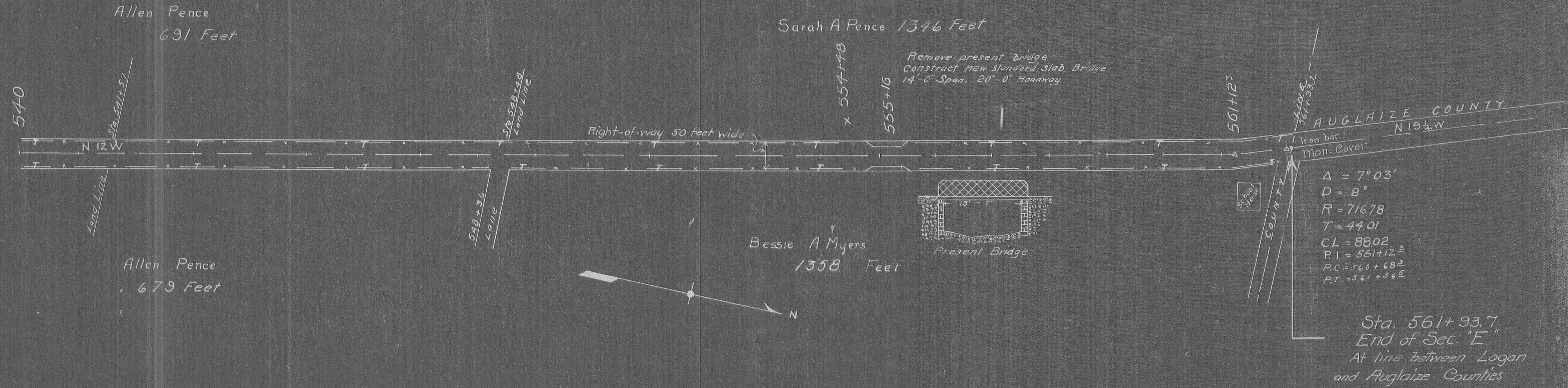
ORIGINAL SURVEY	BY	DATE
PLOTTED		
NOTE BOOK		
FIELD CHECKED		
NO.		







FED. ROAD DIST. NO.	STATE	FED. AID FISCAL PROJ. NO.	YEAR
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154 Cu. Yds. Cut  
 102 Cu. Yds. Fill

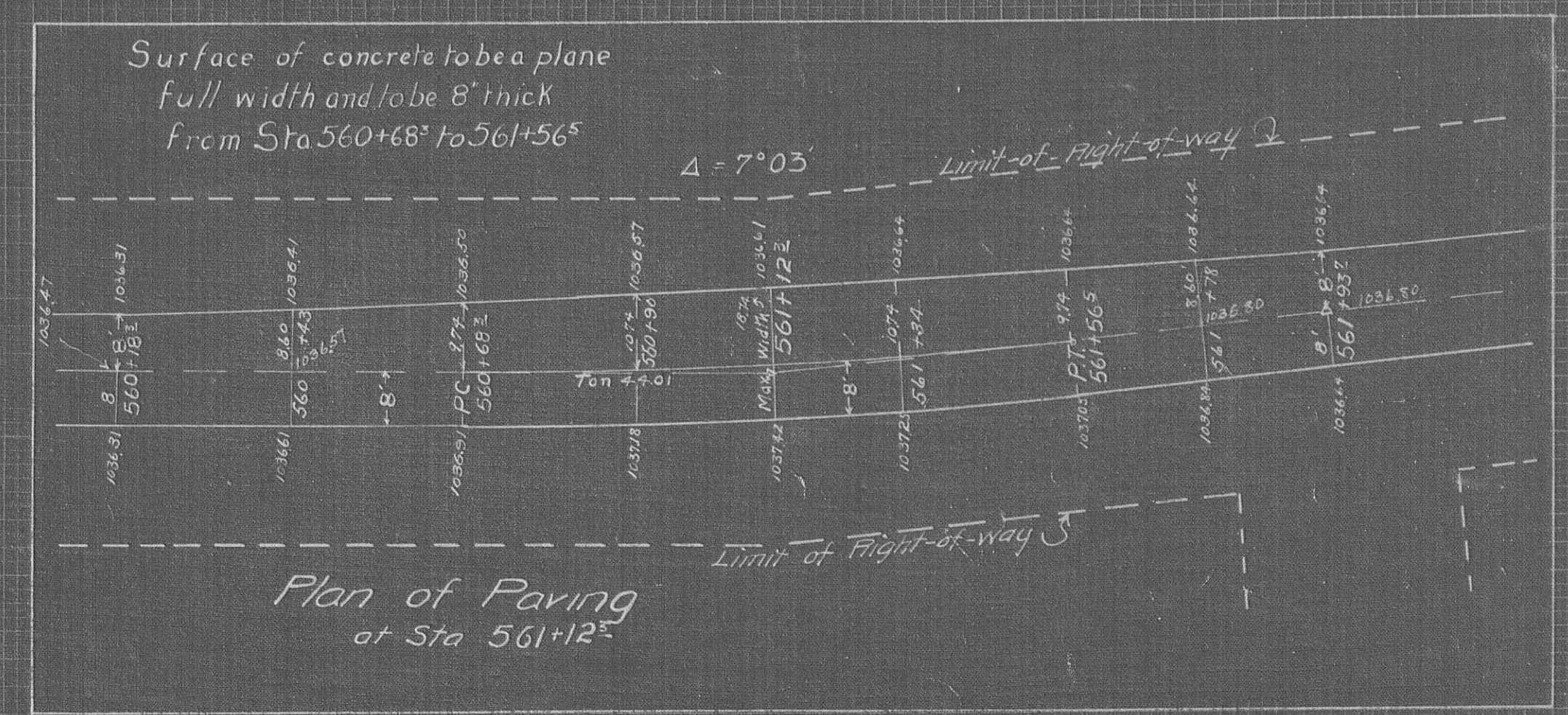
198 Cu. Yds. Cut  
 121 Cu. Yds. Fill

B.M. on Hickory  
 Left of Sta. 554+50  
 Elev. 1033.11

414 Cu. Yds. Cut  
 327 Cu. Yds. Fill

B.M. Schoolhouse  
 North side of cement porch  
 Elev. 1036.55

Grade Elevations given are for crown of finished pavement



ORIGINAL SURVEY NO.	SURVEY DATE	DATE



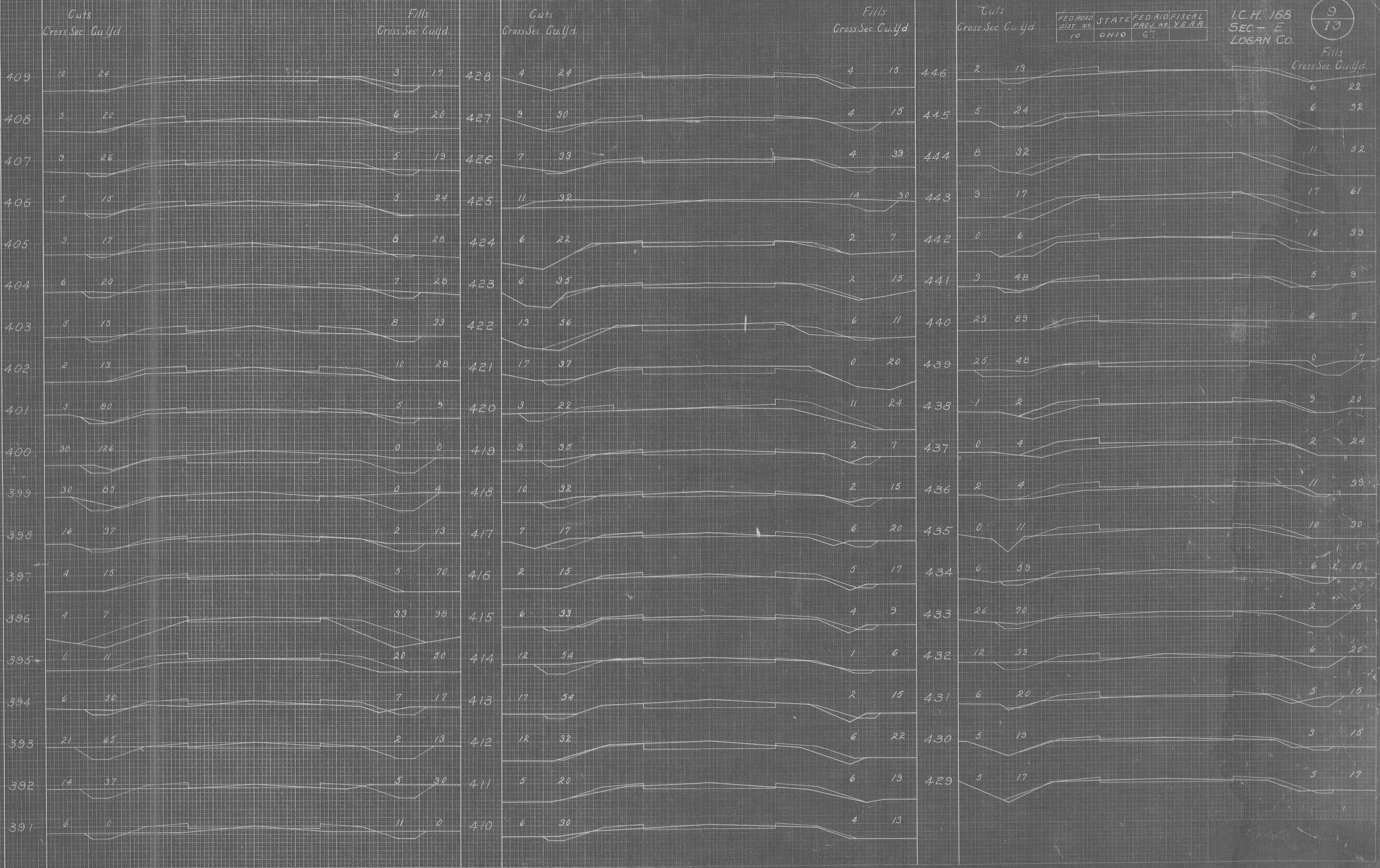
DATE \_\_\_\_\_ BY \_\_\_\_\_  
 FINAL SURVEY REVISED SURVEY PLOTTED  
 NOTE BOOK AREAS CHECKED

DATE \_\_\_\_\_ BY \_\_\_\_\_  
 ORIGINAL SURVEY REVISED SURVEY PLOTTED  
 NOTE BOOK AREAS CHECKED

FED. ROAD DIST. NO. 10 STATE OHIO FED. AID PROJ. NO. 67 FISCAL YEAR

I.C.H. 168  
 SEC - E  
 LOGAN CO.

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DATE \_\_\_\_\_ BY \_\_\_\_\_  
 ORIGINAL SURVEY PLOTTED \_\_\_\_\_  
 SURVEY NOTE BOOK NO. \_\_\_\_\_  
 PLATE \_\_\_\_\_

DATE \_\_\_\_\_ BY \_\_\_\_\_  
 ORIGINAL SURVEY PLOTTED \_\_\_\_\_  
 SURVEY NOTE BOOK NO. \_\_\_\_\_  
 PLATE \_\_\_\_\_

FED. AID DIST. NO. 10 STATE OHIO FED. AID PROJ. NO. 67 FISCAL YEAR \_\_\_\_\_

ICH 168  
 SEC - E.  
 LOGAN CO

10  
 13

Station	Cuts		Fills	
	Cross Sec.	Cu. Yd.	Cross Sec.	Cu. Yd.
466	9	24	9	70
465	4	35	19	41
464	15	61	9	11
463	18	70	9	7
462	20	50	1	19
461	7	39	9	46
460	14	26	16	83
459	0	7	39	94
458	4	39	12	24
457	17	56	1	6
456	13	46	2	7
455	12	41	2	7
454	10	28	2	17
453	5	9	7	33
452	0	13	11	32
451	7	41	6	13
450	15	56	1	4
449	15	37	1	9
448	5	20	4	20
447	6	15	7	24

Station	Cuts		Fills	
	Cross Sec.	Cu. Yd.	Cross Sec.	Cu. Yd.
485	9	46	2	6
484	16	39	1	28
483	5	22	14	35
482	7	24	5	24
481	6	22	8	30
480	6	26	8	24
479	8	65	5	9
478	27	50	0	32
477	0	11	17	35
476	6	22	2	15
475	6	24	6	19
474	7	17	4	22
473	2	6	8	48
472	1	4	18	72
471	1	4	21	65
470	1	39	14	30
469	20	69	2	11
468	17	63	4	13
467	17	48	3	22

Station	Cuts		Fills	
	Cross Sec.	Cu. Yd.	Cross Sec.	Cu. Yd.
503	16	44	3	11
502	8	20	3	24
501	3	9	10	39
500	2	11	8	22
499	4	24	4	9
498	9	5	1	6
497	18	48	2	9
496	6	24	3	15
495	7	30	5	15
494	9	22	3	15
493	3	17	5	20
492	6	19	6	26
491	4	30	8	17
490	12	33	1	17
489	6	37	8	28
488	14	37	7	20
487	6	13	4	39
486	1	19	17	35



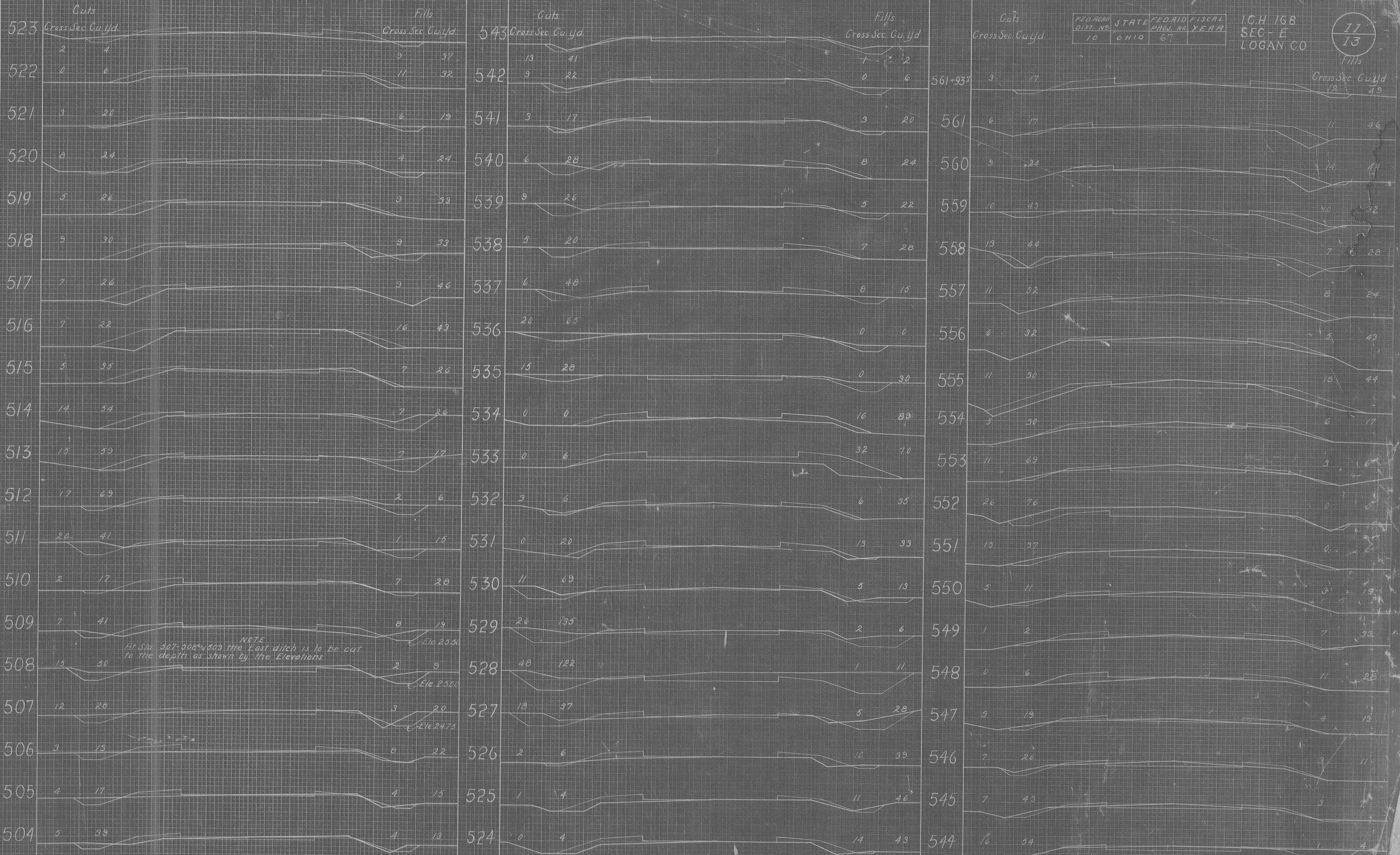
DATE \_\_\_\_\_  
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 ORIGINAL SURVEY PLOTTED \_\_\_\_\_  
 SURVEY FLOTTED \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 NO. \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_

DATE \_\_\_\_\_  
 BY \_\_\_\_\_  
 ORIGINAL SURVEY PLOTTED \_\_\_\_\_  
 SURVEY FLOTTED \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 NO. \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_

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I.C.H. 168  
 SEC - E  
 LOGAN CO

17  
 13  
 Fills



NOTE  
 At Sta. 507-508+509 the East ditch is to be cut  
 to the depth as shown by the Elevations

Elev. 25.00

Elev. 25.00

Elev. 24.75



I.C.H. 168  
 Sec. E  
 Logan Co.

12  
 15

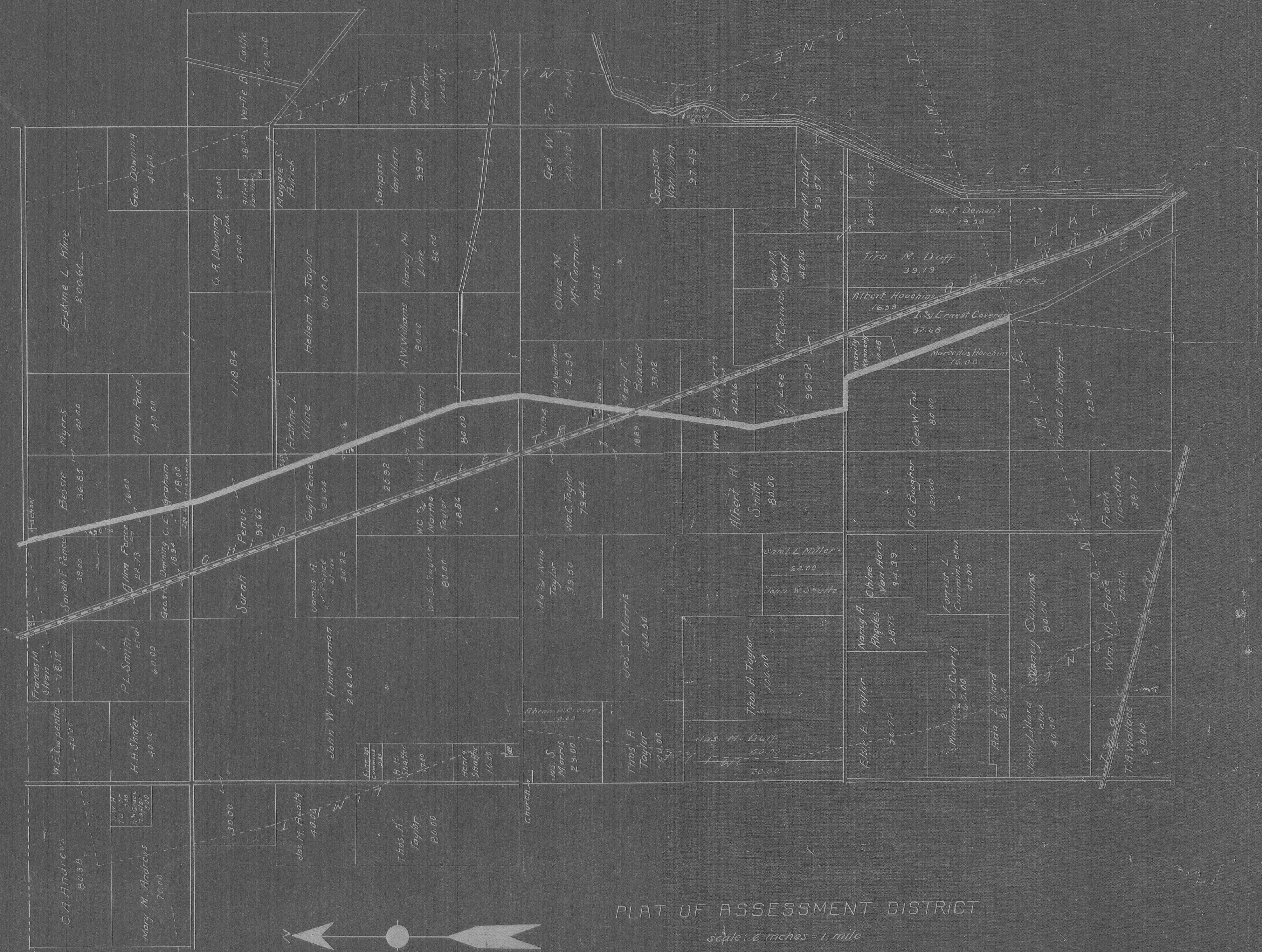
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SUMMARY OF QUANTITIES  
 STRUCTURES UNDER TWENTY FEET.

STA.	TYPE	SIZE	EXCAVATION	DITCH	CU. YD. CONCRETE				STEEL	CAST IRON PIPE RELAID				VITRIFIED PIPE	VITRIFIED	INLET	RAILING
			Excavation	Excavation	1-2-4	1-3-6	1-2-3	1-2-5	LBS.	10"	12"	14"	24"	10"	12"	12x12	12
			CU. YD.	CU. YD.													Lin. Ft.
396+16	Slab top Standard	14'-0" span	105.0		12.9	15.2		29.8	1562.								32'-0"
411+65	C.I.P. Standard	24"x28'	28.0		2.8			45.				28'-0"	Repair 12" tile drain 40.0'				
421+69	Concrete Box Standard	4x2x30'	33.0		13.5			775.									
443+46	Slab top Standard	12'-0" span	77.0		10.4	17.1		37.9	1302.								28'-0"
451+83	Inlet Standard	12"	2.0		0.2								2'-0"	1	1		
471+75	C.I.P. Standard	10"x28'	4.0		1.3			30.	28'-0"								
478+80	C.I.P. Standard	30"x36 1/2'	37.0		3.6			55.					Repair 12" tile drain 40.0'				
515+76	C.I.P. Standard	12"x32'	5.0		1.7	0.4		40.	28'-0"				4'-0"				
520+61	Standard Side Road	12"x32'	4.0		2.6			30.	32'-0"								
534+00	C.I.P. Standard	14"x32'	6.0		1.5			35.		32'-0"							
555+16	Slab top Standard	14'-0" span	90.0		12.9	13.3		22.9	1562.								32'-0"
TOTAL OF QUANTITIES			391.0		63.4	46.0		90.6	5436.0	28'-0"	60'-0"	32'-0"	28'-0"	86'-0"	1	1	92



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PLAT OF ASSESSMENT DISTRICT  
 scale: 6 inches = 1 mile