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COLORADO STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED FEDERAL AID PROJECT NO. 58A-REOP.&EXT. STATE HIGHWAY NO. 6 PROWERS COUNTY

216B. AND
216A-R NO.2

CONVENTIONAL SIGNS

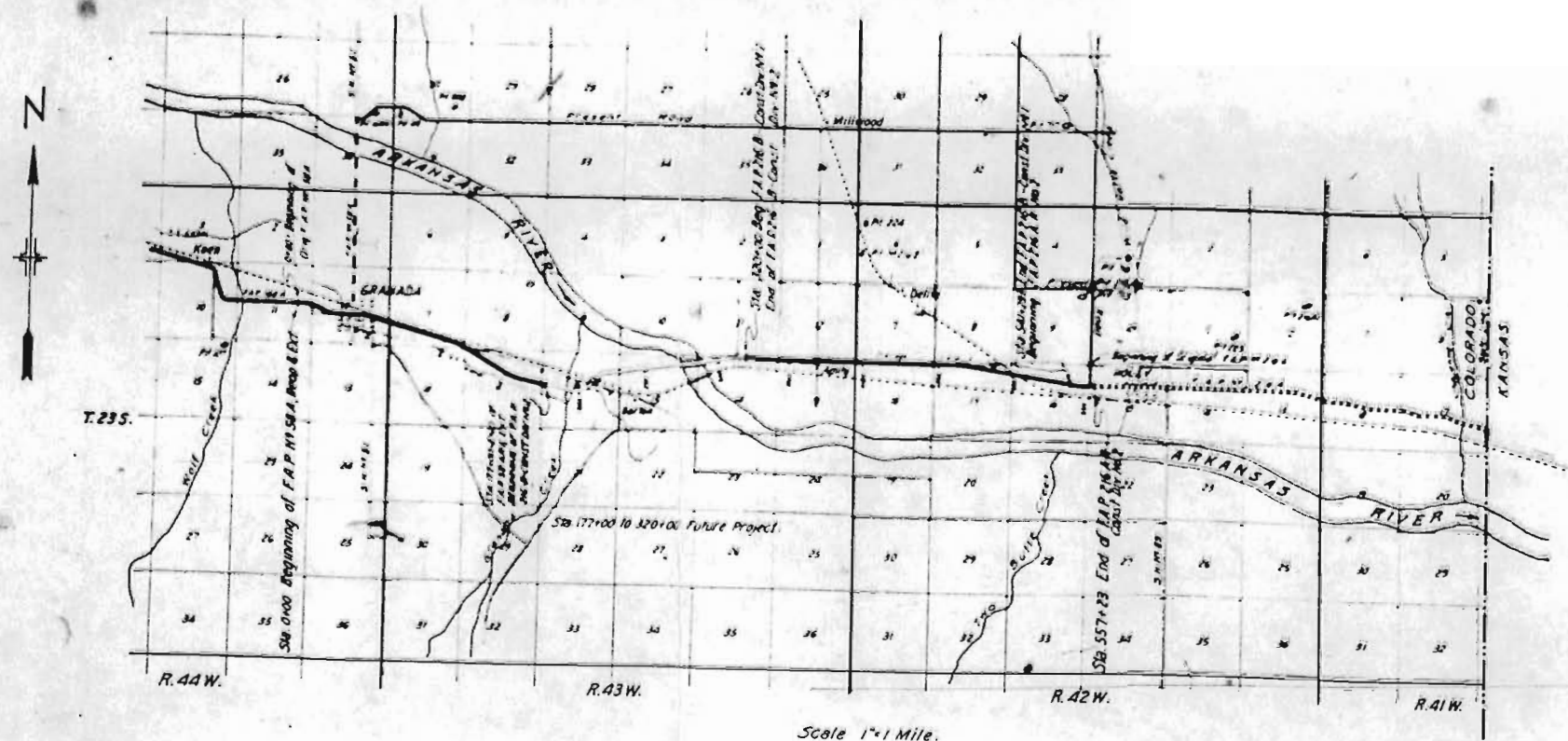


SCALES

ON PLAN, 1 IN. = 100 FT.
ON PROFILE 1 IN. = 100 FT. HORIZONTAL
1 IN. = 10 FT. VERTICAL

GRADE LINE ON PROFILE IS SHOWN AS GRADE OF FINISHED ROAD

GROSS LENGTH OF PROJECT	F.A.P. 58A-R&EXT.	F.A.P. 216B NO.1	F.A.P. 216B NO.2	F.A.P. 216A-R NO.2
NET LENGTH OF PROJECT	17,600 FT. = 3.333 MI.	22,129.2 FT. = 4.191 MI.	14,045.7 FT. = 2.660 MI.	13,938.8 FT. = 0.301 MI.



RECOMMENDED FOR APPROVAL 11/20/31

John H. Korman
ASSISTANT ENGINEER

APPROVED
Charles Hill
STATE HIGHWAY ENGINEER

RECOMMENDED FOR APPROVAL

SUBV. ENG. BUREAU PUBLIC ROADS

RECOMMENDED FOR APPROVAL

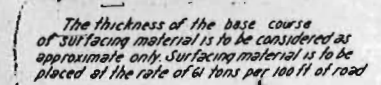
CHIEF ENG. BUREAU PUBLIC ROADS

APPROVED

DIRECTOR BUREAU PUBLIC ROADS

FED BUREAU OF INVESTIGATION	STATE	FEDERAL BUREAU OF INVESTIGATION	REPORT NO.	DATE
3	COLO.	2168-4422	2	

Revised 12-21-31
 Revised 12-21-31 A.J.S.
 1-14-32



This Project is to be constructed in conformity with the Standard Specifications of the Colorado State Highway Department adopted Jan. 1, 1930.
All quantities on preliminary plans are to be considered as approximate only.

All curves are to be Super-elevated to a maximum amount as determined by the Formula: Super-elevation (M) = 0.015 x 80 x W in which "D" = Degree of Curve and "W" = Width of Roadway in feet. A super-elevation of 0.03 feet per foot width of Roadway is not to be exceeded. The inside ditch and shoulder are to remain as per Typical Section. The outside shoulder is to be the high point of the section. The Section is to be Standard except that a Full curve is to be used from Station 1+00 to Station 1+20. The Super-elevation Section is to take place over a distance of 60 feet, half on the curve and half on the approaching tangent.

All Roadway excavation required to construct this Project is to be obtained from the existing quantities indicated beyond the limits of ditch as shown on typical Section either noted as Profile as Borrow or as Structure Substation as Embankment are to be classified and paid for as Unclassified Excavation. These quantities are to be stated as part of the original excavation or as increases indicated on the plans. Stage changes resulting from the construction of a new stage are to be changed by the Engineer to fit the embankment requirements actually encountered during construction.

All pipe cross culverts are to be provided with headwall, on the inlet end unless otherwise noted. Side drains do not require headwalls.

On this Project all materials shall be furnished and all work shall be done by State forces.

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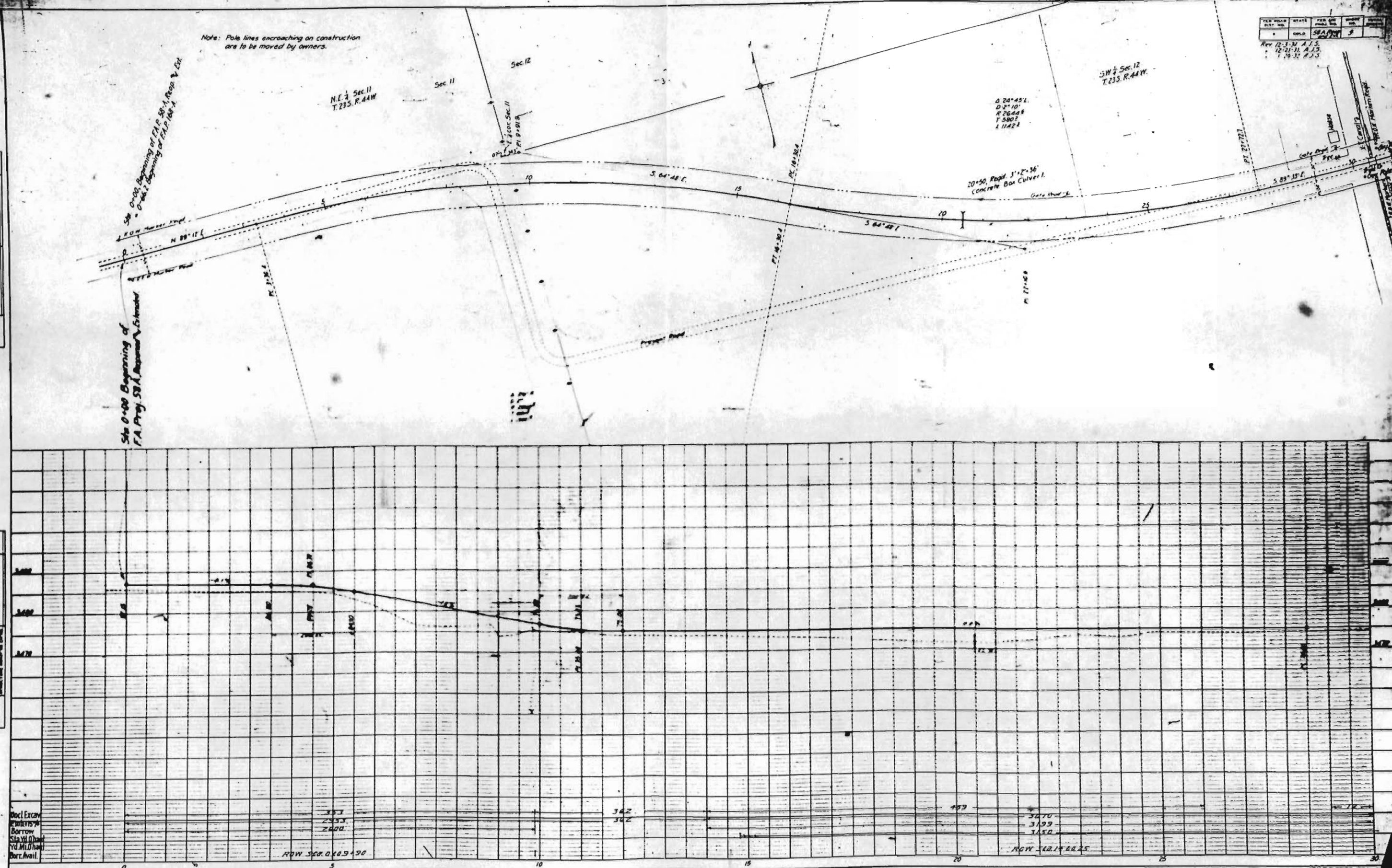
No	ITEM	UNIT	F.P. 55A-B Roadway	F.P. 55A-B Roadway	F.P. 55A-B Roadway	F.P. 55A-B Roadway	F.P. 55A-B Roadway
11A.D	Removing structures	Emp/hrs	(11A-2.50)				
11B	Remove flag at Sta 553						
11D	Transplant trees, Sta 50+						
11C	Remodel old concrete Sta 50+						
12B	Removing fence	Lin Ft	10 100	100	10 250		850
13C	Unclassified Excavation	Cu Yd	48 000	6,600	6,600		1,900
14B	Dry rock Excav (Struct)		20	10	50		
14B	Dry Cam		170	60	3,00	30	
14C	Wet Rock		10	5	20		5
14C	Wet Cam		60	30	100	30	20
14D	Slough Yard Overhaul	Sq Yd	14 000	60 000	50,000		14,000
14D	Yard Mkt Overhaul	Sq Yd		1 000	2,500		
30B	Gravel at Cr Rock Surfacing	Ton	10 000	600	13,000		3000
42A	Untreated Bridge Timber	M.F.T.B.					
42B	Treated						
44B	Class "A" Concrete	Cu Yd	130	62	102		20
44B	Class "B"		77				
47	Reinforcing Steel	Lbs	10,300	1,000	11,300	600	7000
53B	1/2" Curr Metal Curb Pipe	Lin Ft		60	200		120
53C			30		30		
60B	Treated Timber Piling						
60C	Metall Pile shoes	Each				220	30
75B	Galv Barbed wire fence	Lin Ft	30,000	2,500	34,500		2,000
75B	Gates 10'	Each	7		9		4
70	Project Markers						
70	Signal at Way Markers		10	2	20		1
85C	Flash Guards for 20 Jambos				2		
85B							
80	Drain pipe	Each	2				
94C	1/2" Curr Metall Lap Joint Pipe	Lin Ft			60		
94D							
97	Chain Link School Fence		7000				60

STATIONS	DESCRIPTION	Remov	Embank	Structural Excavation *				Uncl	Class A	Reinf	Corrug	Metal	Ch Link	Siphon	Class B	Miscell	
		Struct	ment	Cu Yds.				Excav	Concrete	Steel	Culvert	Pipe	W Mesh	Pipe	Concrete		
		Each	Cu Yd					Cu Yd	Cu Yd	Lbs	15'	24'	Lin Ft	24'	30'		
20+50	3'x2'x36" Conc Box Culvert			30				15	217	1,888							
30+4.4	Widen Bridge			62					25.5	2,490							
50+10 to 57+90	Transplant Trees. Build chain link wire mesh fence												30'	700'			
57+00	24" Corr Met Pipe side drain Right																
102+25	5'x3'x36" Conc Box Culvert & remove struct	1		45				20	332	2,758							
106+21	3'x2'x36" " " " " " "	1		40				20	167	1,604							
120+00	3'x2'x36" " " " " " "			20				15	217	1,888							
124+00	3'x2'x36" " " " " " "			25				15	167	1,604							
147+57	3'x2'x48" " " " " " "			35				5	263	2,012							
147+50 to 168+75	Ditch on Left							700									
148+75 to 168+75	Ditch on Right							700									
169+65	1 1/2'x1 1/2'x36" Conc Box Culv			15					132	1,387							
169+75	3'x2'x36" " " " " " "			25					217	1,888							
168+50	1 1/2'x1 1/2'x36" " " " " " "			15					132	1,387							
173+52	1 1/2'x1 1/2'x36" " " " " " "			15					132	1,387							
173+40 to 176+00	Ditch on left																
176+00	P. side drains & road approaches		200	10				30			60						
33+75	" " " " " " " " " " " " Left		50	5								30					
342+25	18" C.M.P. side drain & Rd		30	5								30					
342+77	2'x2'x36" Conc Box Culv & remove struct	1		50				10	173	1,472							
360+25	15" C.M.P. side drain & road approach Left		50	5							30						
360+75	24" 16' Siphon, H.O. Remove Struct	1		30				10	158	1,374							
364+25	15" C.M.P. side drain & Rd, door		30	5							30						
367+00 to 369+00	Ditch change							1,000									
368+00	Remove C.M.P.	1															
368+30	3'x3'x72" Conc Box Culv			225				48	438	3,744							
369+00	2'x2'x36" " " " " " " & Remove struct	1		40				5	36	1,404							
377+07	2'x2'x36" " " " " " " & " "	1		60				10	73	1,472							
380+00	2'x2'x36" " " " " " " & " "	1		60				10									

- Structural Recreation is estimated to be 90% Common and 10% Rare each of which is estimated to be 75% dry and 25% wet

STATIONS	SIDE	GATES	MARRERS	STATIONS	SIDE	GATES	MARRERS
0+00			2	353+50	L	1	
23+00	L	1		360+50	L	1	
29+75	L	1		394+00	R	1	
30+50			4	360+00			4
50+00			3	394+70			2
77+30	R	1		430+00	R	1	
110+22			1	464+00	L		2
97+00	R	1		466+37			2
105+50	R	1		485+00	R	1	
107+00	R	1		497+50	L		1
90+00			2	499+30	R		1
117+80			2	500+10	L		1
145+25	L	1		502+40	R		2
147+00			2	529+00		2	2
176+50			2	546+00		2	
320+00			2	554+00		2	
342+00			2	557+23			2
321+30	L	1		TOTALS-FAP3&R&E		7	18
331+75	L	1		- FAP2168		9	20
				- FAP216A-BONZ		4	-2

STATIONS	REMOVE		BUILD	
	LEFT	RIGHT	LEFT	RIGHT
0+00 / 3+15			965	965
9+65 / 30+00	810	870	2035	2035
21+00 / 30+00	70	680		
41+70 / 62+00			1800	1950
44+00 / 62+00	230	1300		
62+00 / 92+00		3100	3000	2960
92+00 / 114+20		2360		
92+00 / 155+00			6150	6250
114+20 / 116+80	210			
147+30	70	70		
155+00 / 177+00	50	50	2140	2160
320+00 / 361+00	2440		2200	
347+30 / 367+00	1930		1740	
368+00 / 368+00	480	780	490	750
368+00 / 405+00		3870		3750
405+00 / 447+00		4120	4080	4080
447+00 / 466+57		1960	1910	1910
466+57 / 500+00	280	130	3130	3340
500+00 / 528+00	130	130	2600	2560
528+00 / 557+83	420	400	2600	2530
TOTALS-FAPSR&BERT		10130		32410
= FAP216B		16250		34510
= FAP216B*2		820		2750

[illegible]

[illegible]

PROFILE	NAME	DATE	TIME	LOCATION	STATUS	REMARKS
	JOHN DOE	10/10/2023	14:30	Room 101	Active	Normal
	JANE SMITH	10/10/2023	15:00	Room 102	Active	Normal
	BOB JONES	10/10/2023	15:30	Room 103	Active	Normal
	ALICE BROWN	10/10/2023	16:00	Room 104	Active	Normal
	CHARLIE DAVIS	10/10/2023	16:30	Room 105	Active	Normal
	DAVE MILLER	10/10/2023	17:00	Room 106	Active	Normal
	EVE GARCIA	10/10/2023	17:30	Room 107	Active	Normal
	FRANK HERNANDEZ	10/10/2023	18:00	Room 108	Active	Normal

Uncl Exca	
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Borr. Avail	

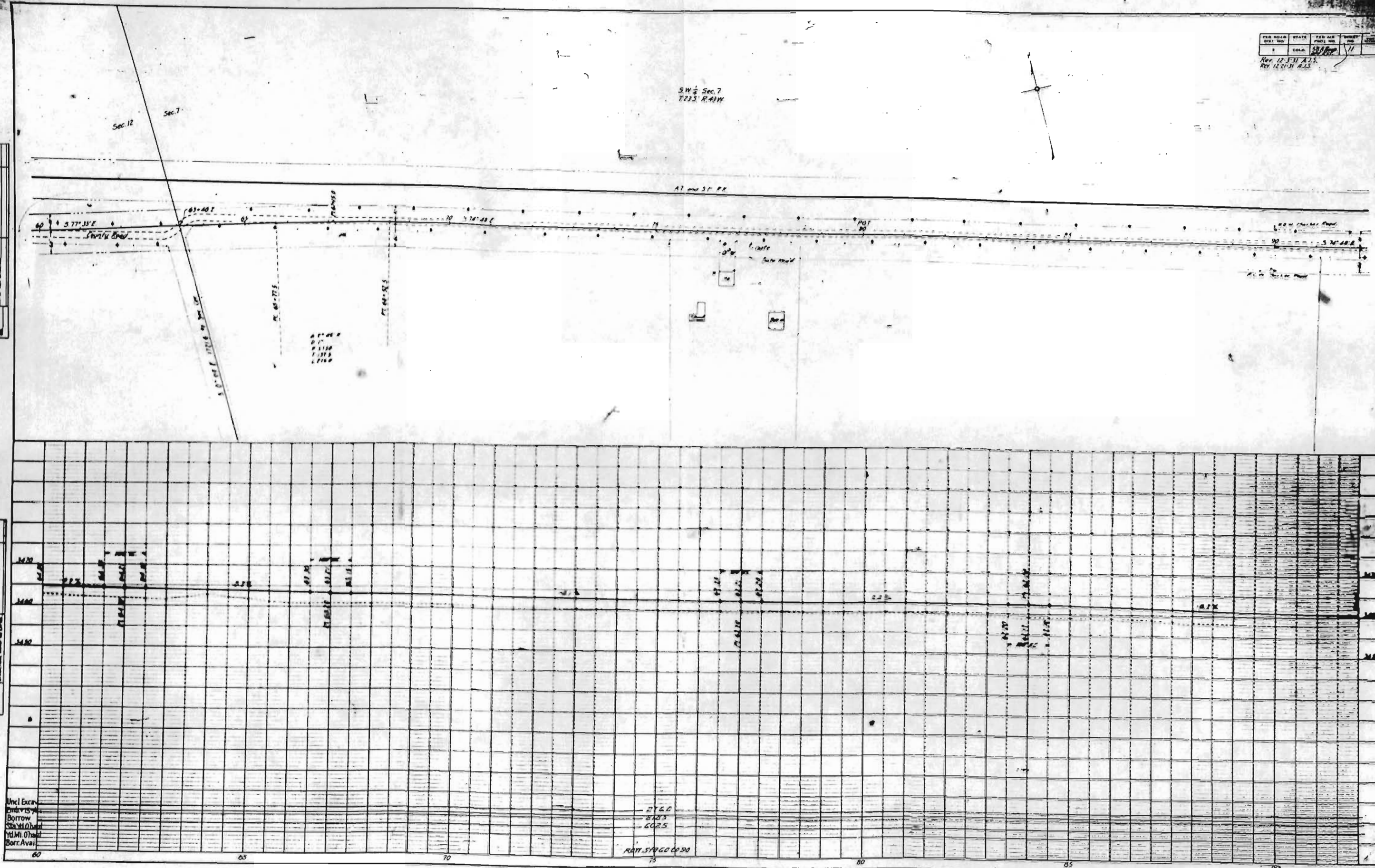
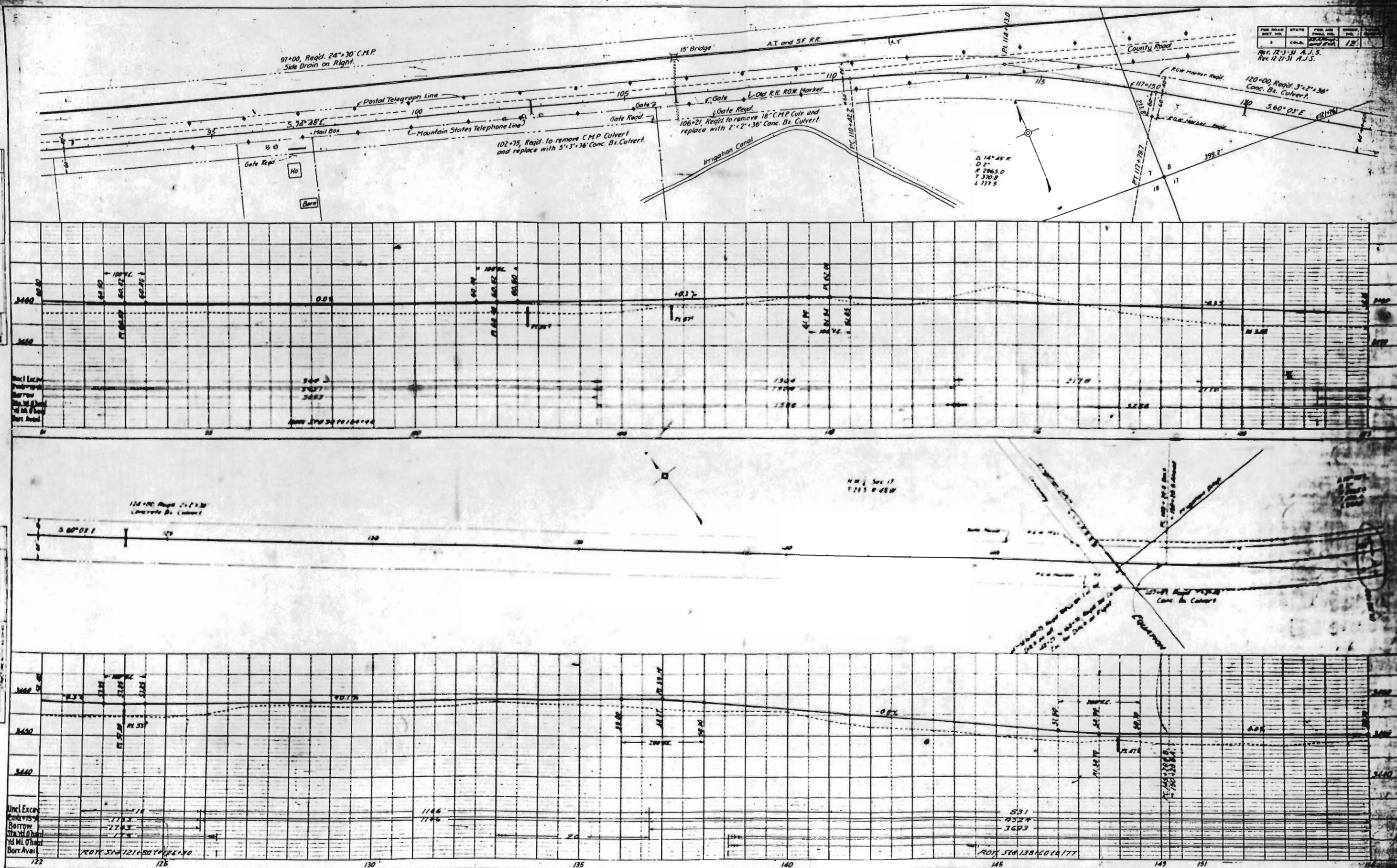


PLATE 1- PLAN-PROFILE OF R & R (STANDARD)
ALFFIL & SSSON CO., NEW YORK



REV.	DATE	BY	CHKD.	APP.
1	12-3-31	A.J.S.		
2	12-21-31	A.J.S.		
3	1-11-32	Rev.		

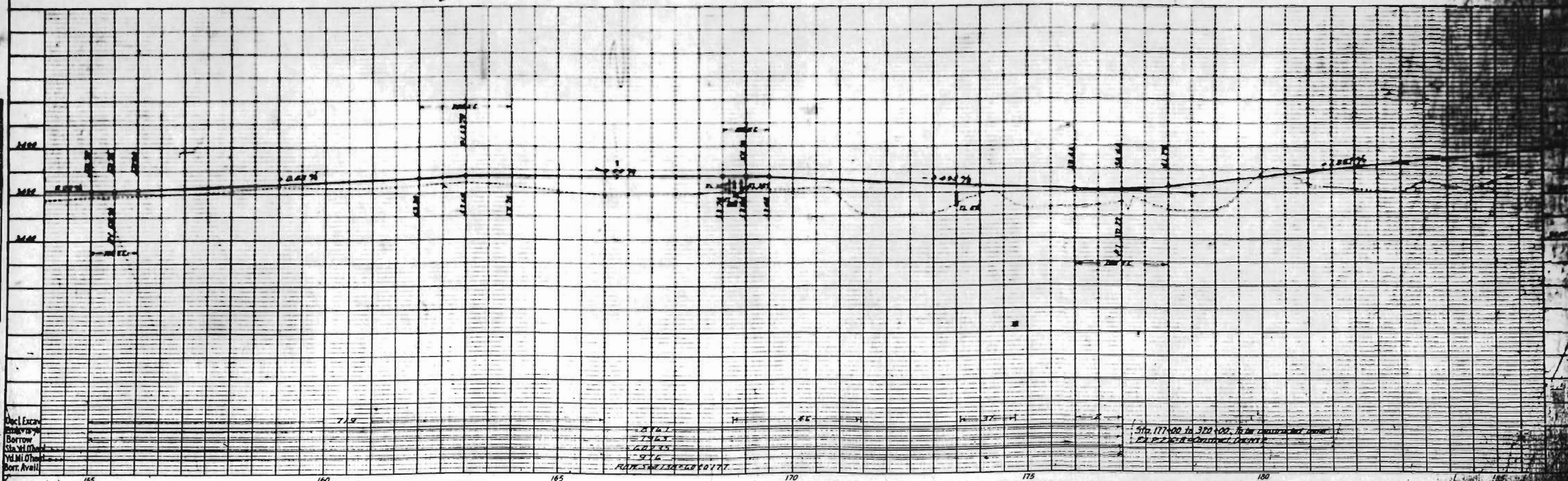
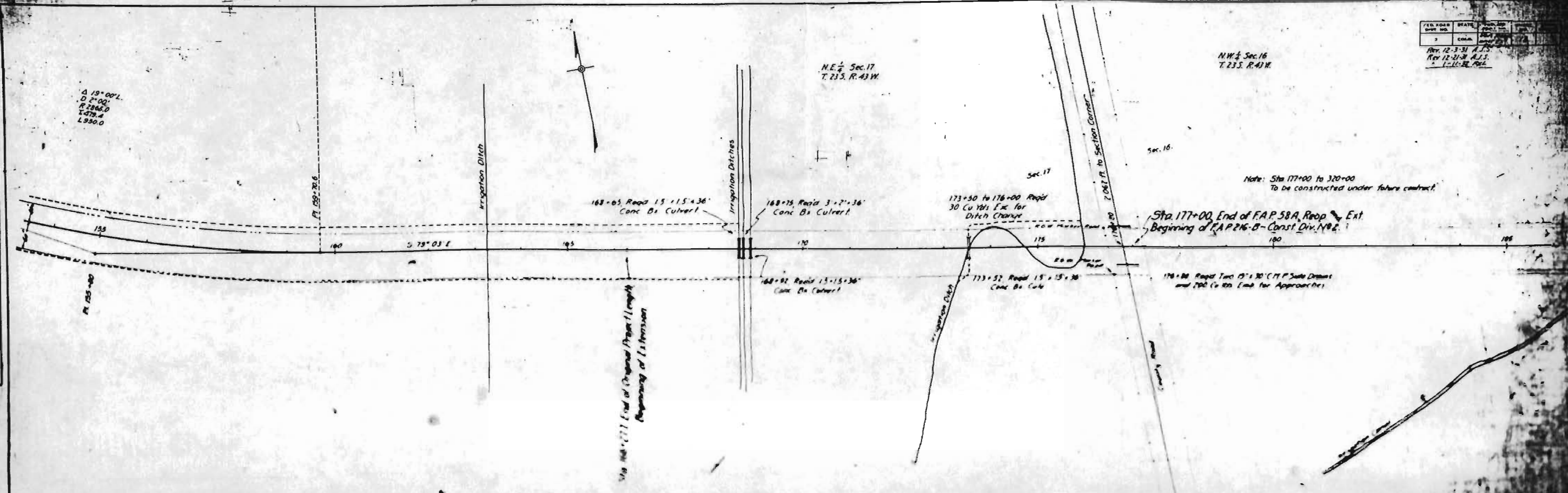
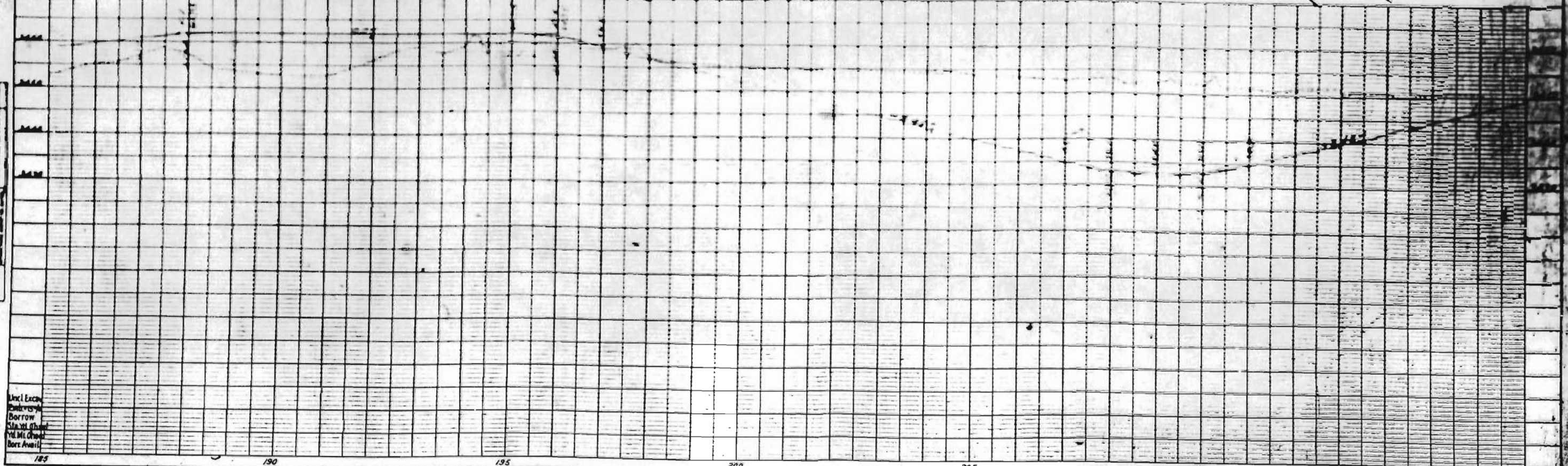
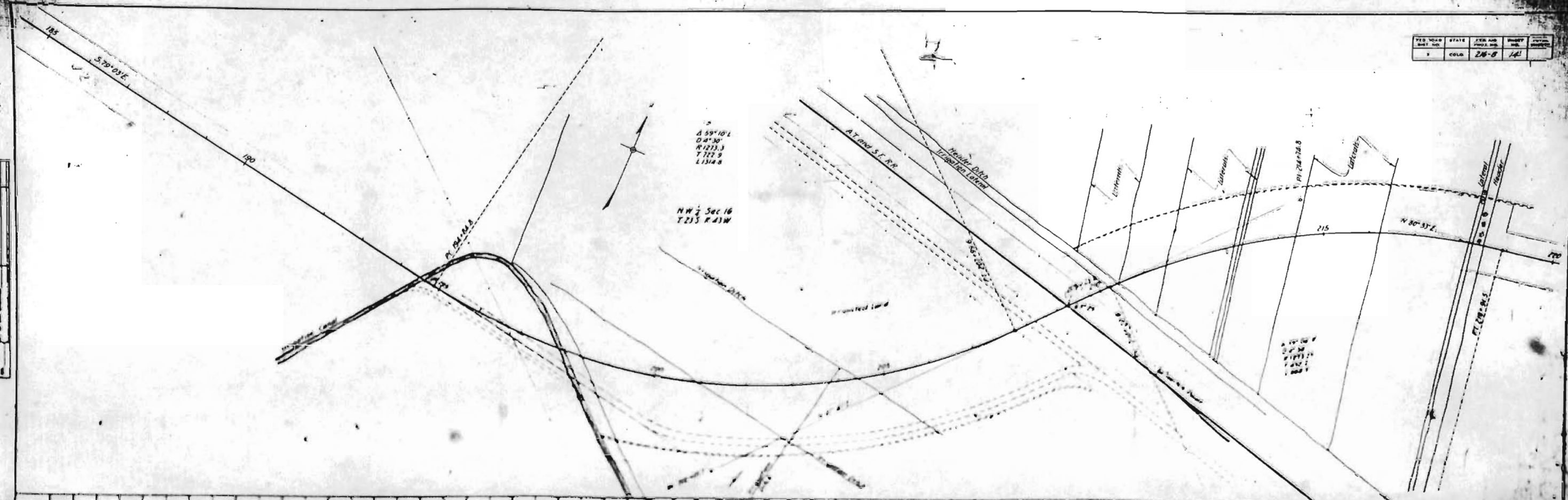


PLATE 1 - PLAN-PROFILE OF P.A. & R.R. STATION
SQUILL & SELLER CO. NEW YORK

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1	COLD	26-8	14	

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Incl. Exch.
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 Station
 Yd. M. Chas.
 Bore. Avail.

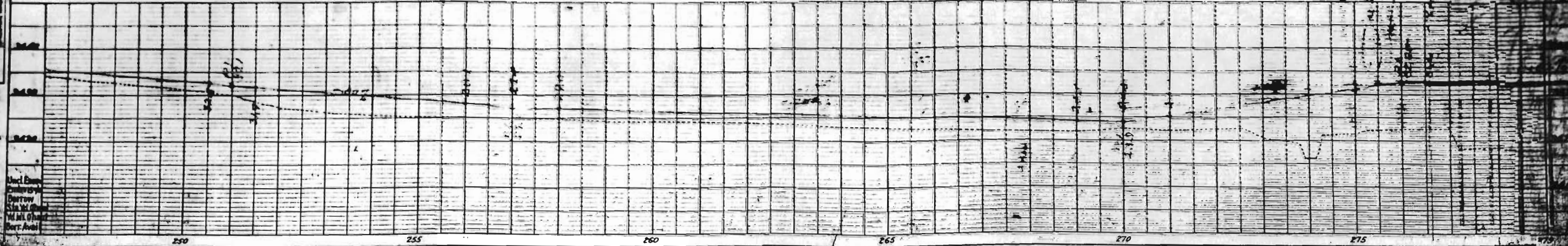
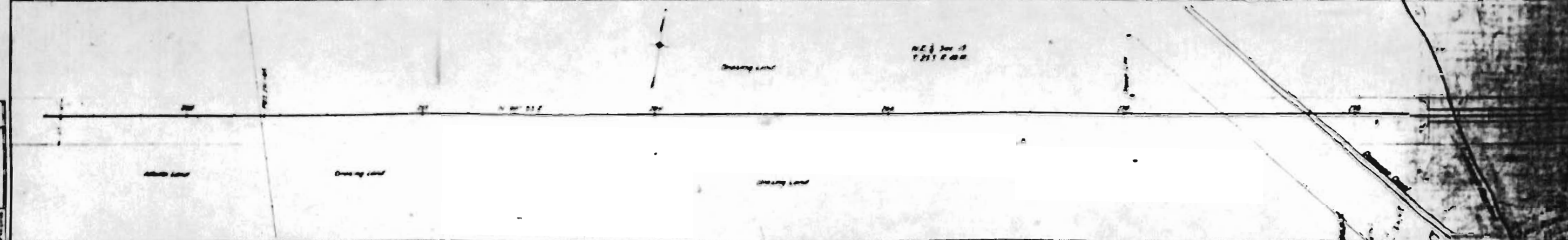
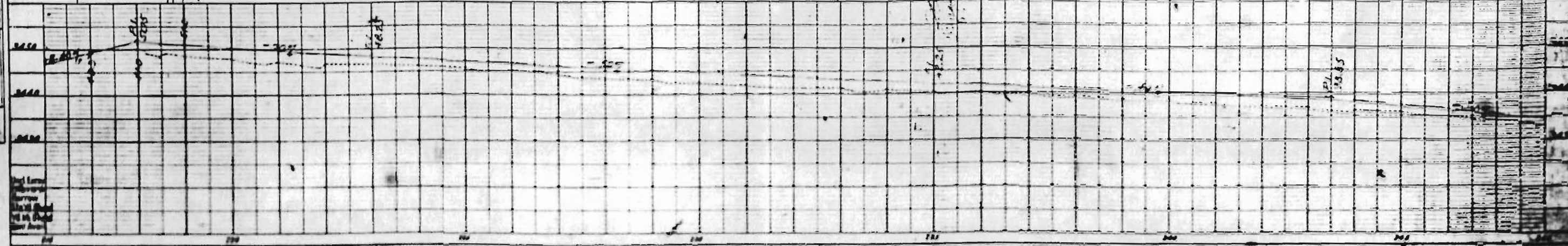
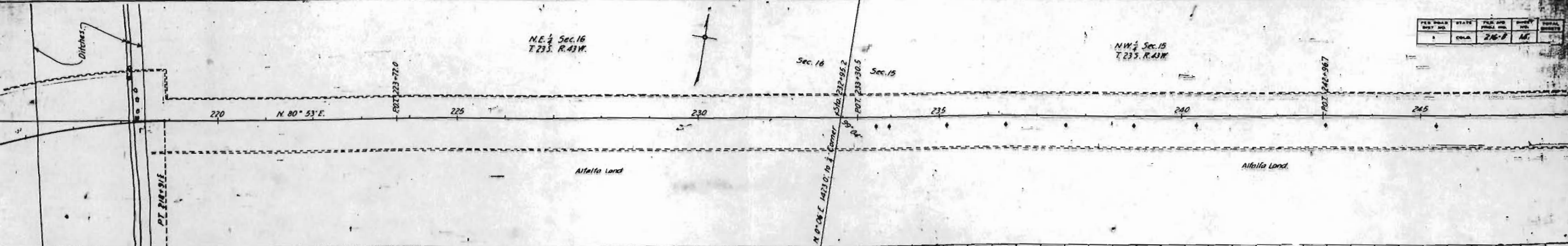
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1	COLO.	216-8	16	

NE 1/4 Sec. 16
T. 235. R. 43W.

NW 1/4 Sec. 15
T. 235. R. 43W.

Sec. 16

Sec. 15



FILE NO.	STATE	PROJECT NO.	DATE
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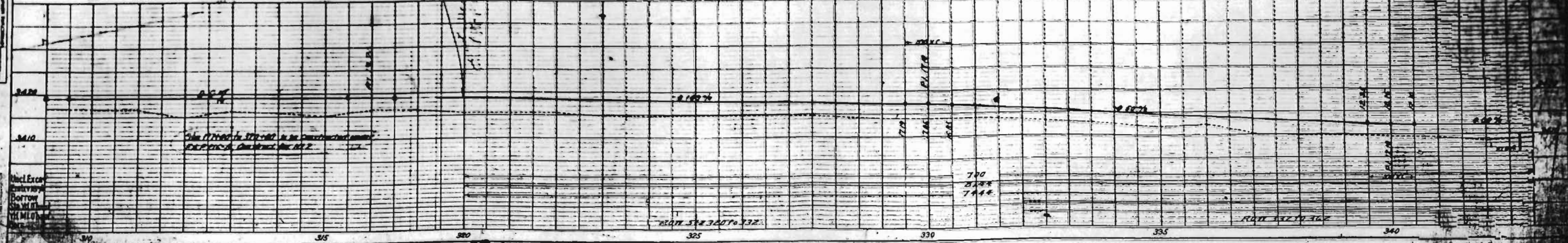
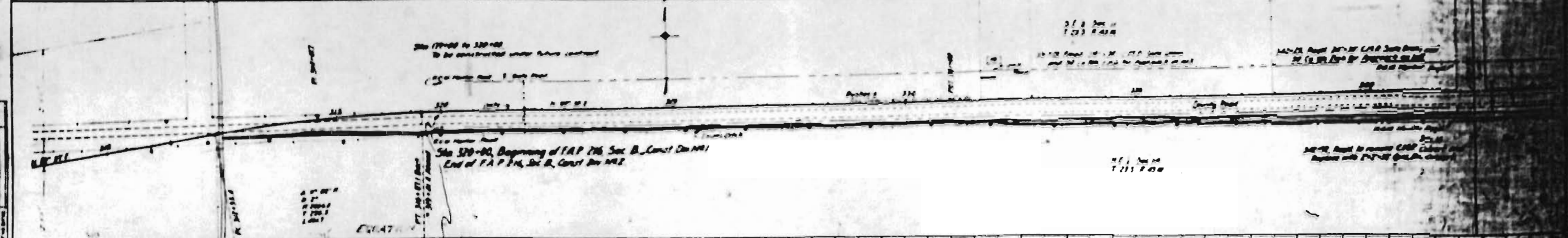
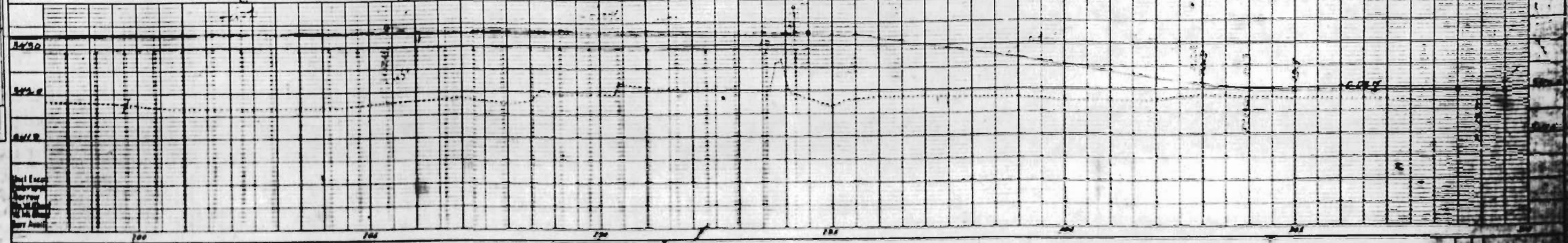
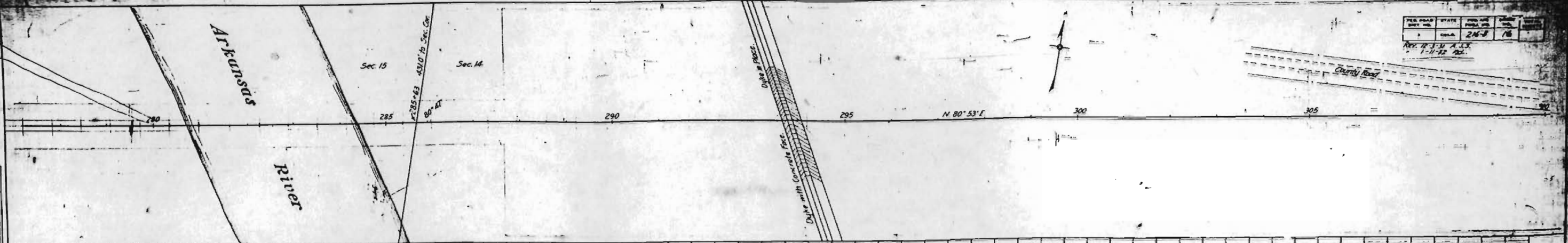
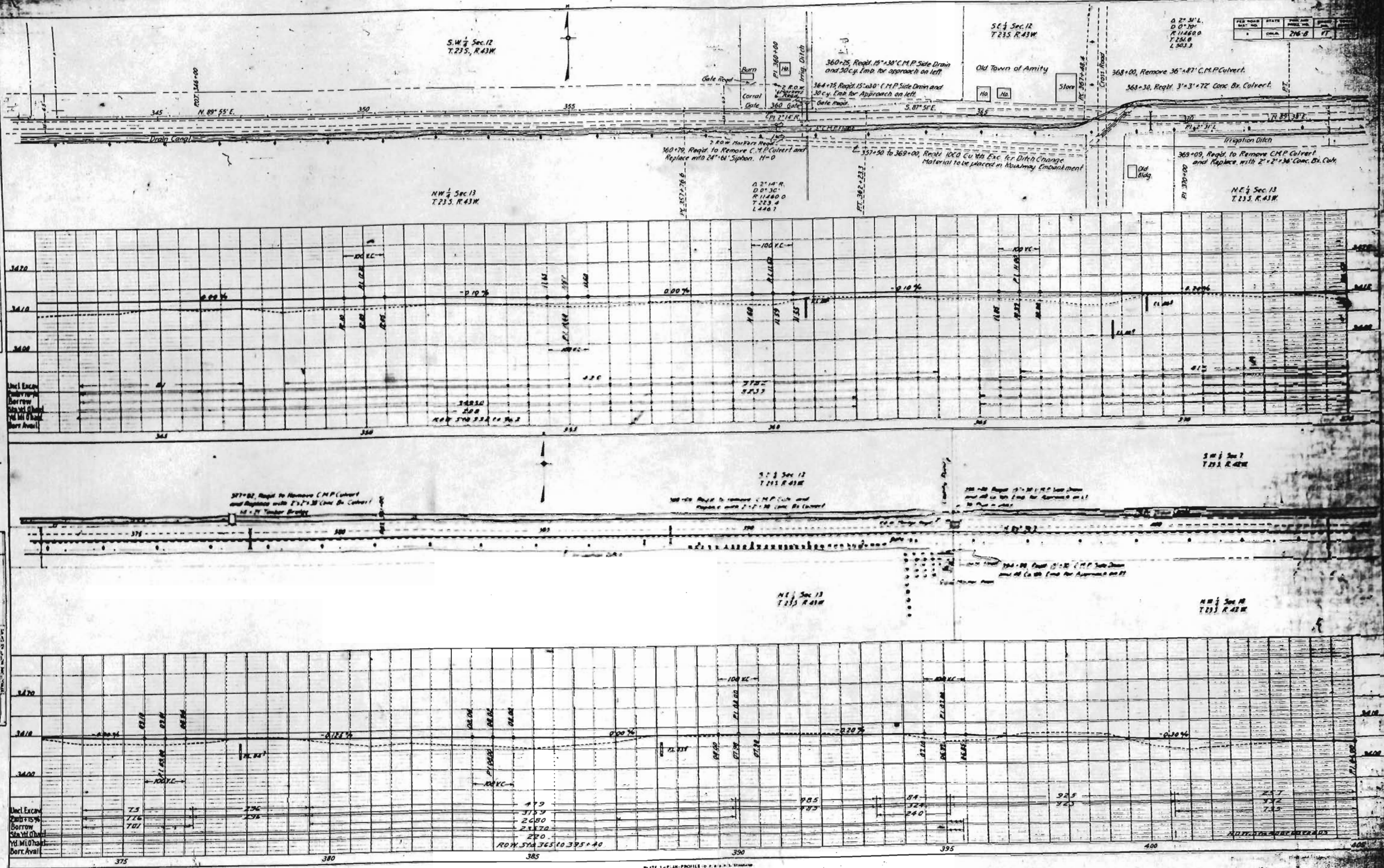


PLATE 3-PLAN-PROFILE N.W.S. STANDARD
UNIVERSITY & ENGINEERING CO., NEW YORK

PLAN	DATE	BY	CHECKED

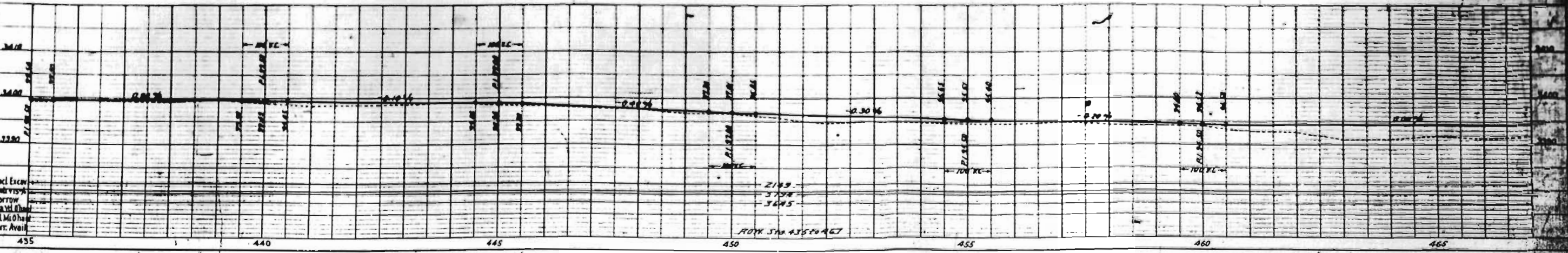
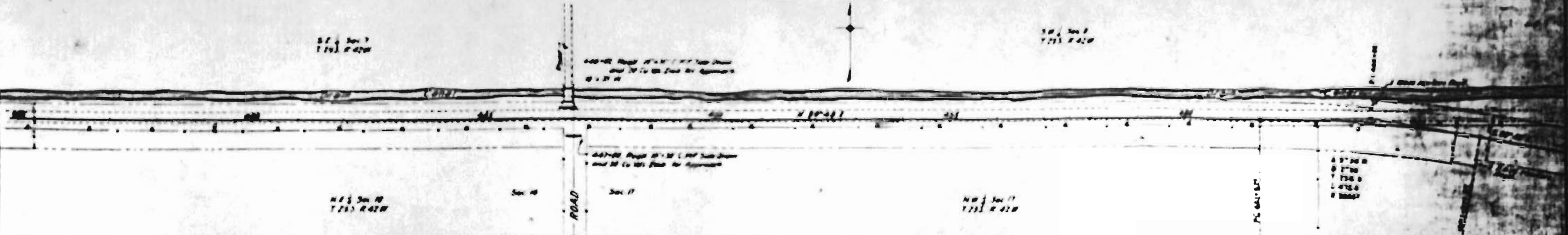
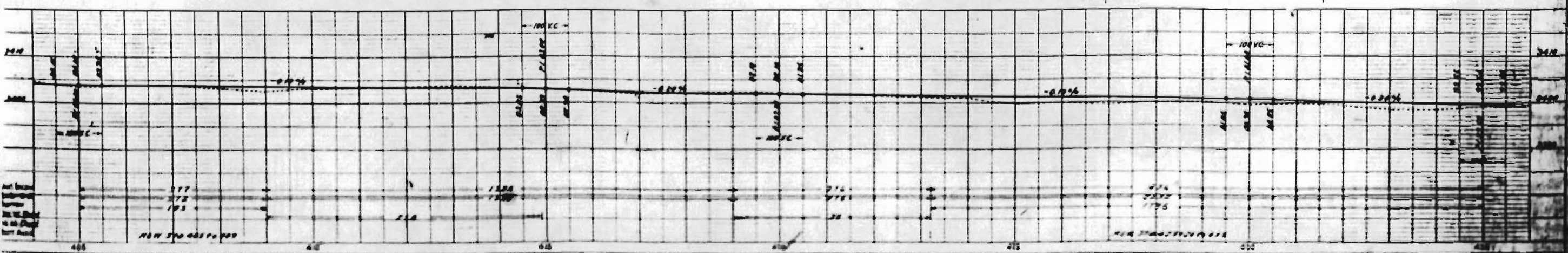
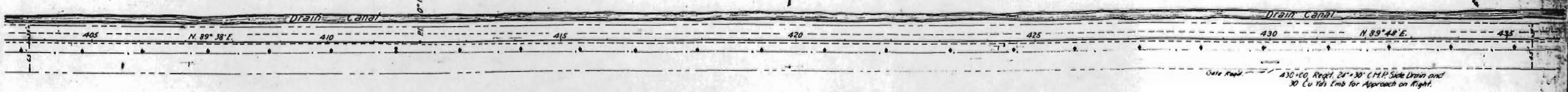
PROFILE	DATE	BY	CHECKED



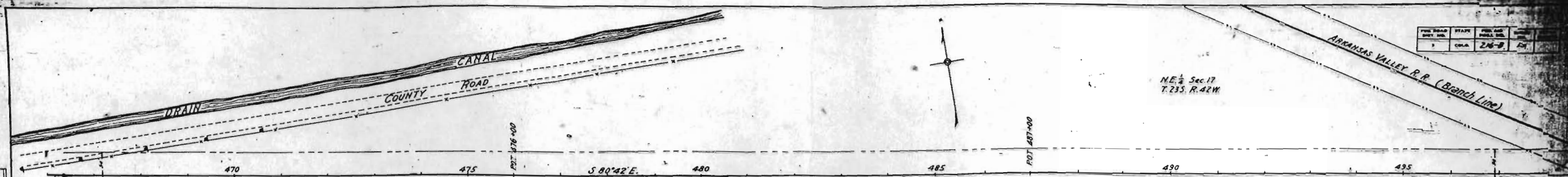
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
2	OKLA.	216-B	10	10

SW 1/4 Sec. 7
T. 23 S. R. 42 W.

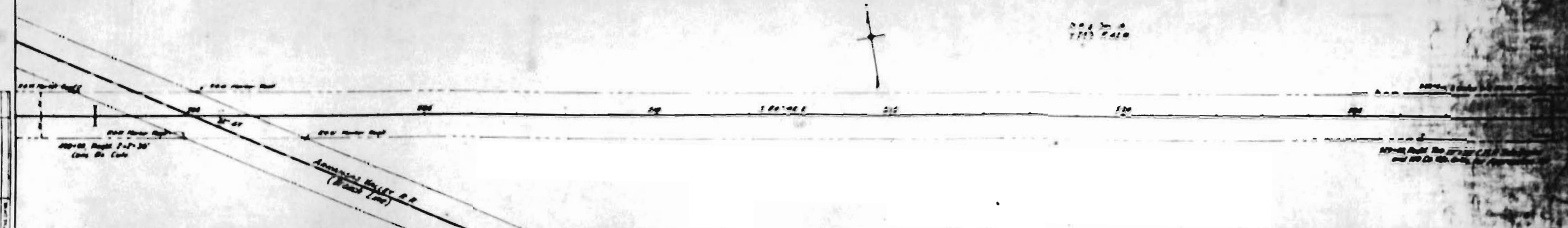
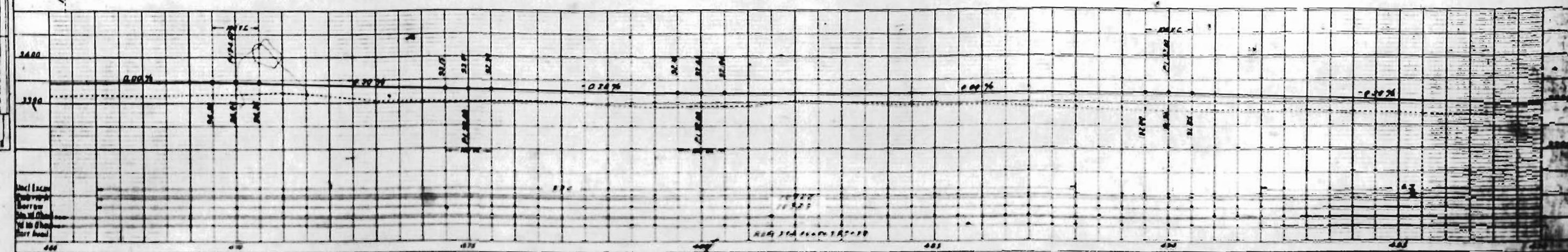
NW 1/4 Sec. 18
T. 23 S. R. 42 W.



FILE NO.	STATE	PROJECT NO.	DATE
1	OKLA.	216-B	1911



Set in Right
496+00, Right 15' x 30' C.R.P. Side Ditch
and 50 Cu Yds. Emb. for Approach



Set in Right
517+00, Right 15' x 30' C.R.P. Side Ditch
and 100 Cu Yds. Emb. for Approach

