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COLORADO DEPARTMENT OF HIGHWAYS

PLAN AND PROFILE OF PROPOSED STATE PROJECT NO. C 51-0091-10 STATE HIGHWAY NO. 91 CLEAR CREEK COUNTY

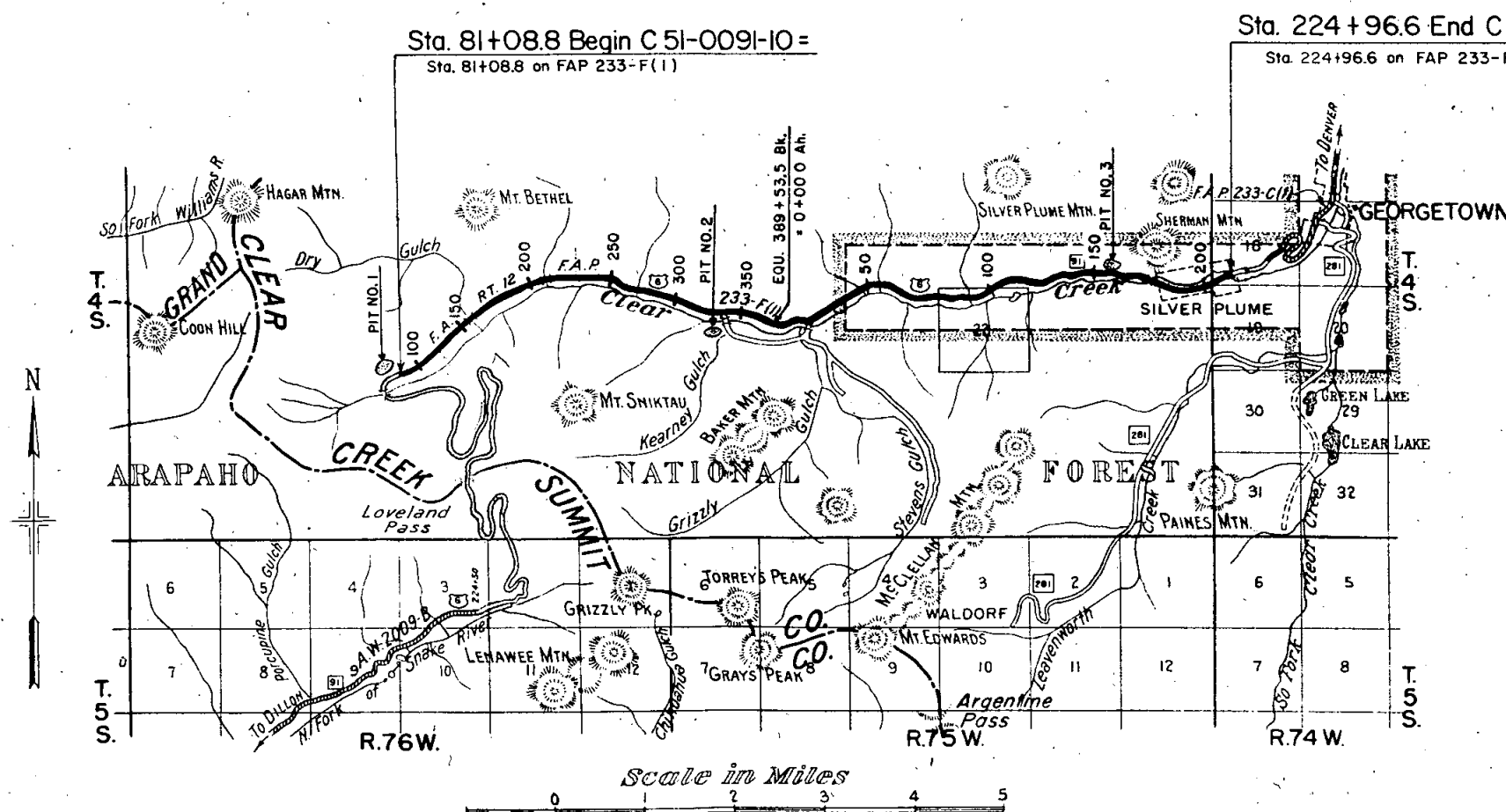
SCALES OF ORIGINAL TRACINGS
ON PLAN, 1 IN. = 100 FT.
ON PROFILE (1 IN. = 100 FT. HORIZONTAL
1 IN. = 10 FT. VERTICAL)
GRADE LINES ON PROFILE ARE SHOWN AS GRADES OF FINISHED ROAD.
GROSS LENGTH OF PROJECT } 53,369.7 Ft. = 10.108 Mi.
NET LENGTH OF PROJECT }

CONVENTIONAL SIGNS

CENTER LINE OF SURVEY _____
RIGHT OF WAY LINES _____
COUNTY LINES _____
SECTION LINES _____
ONE QUARTER SECTION LINES _____
TOWNSHIP OR RANGE LINES _____

TABULATION OF LENGTH

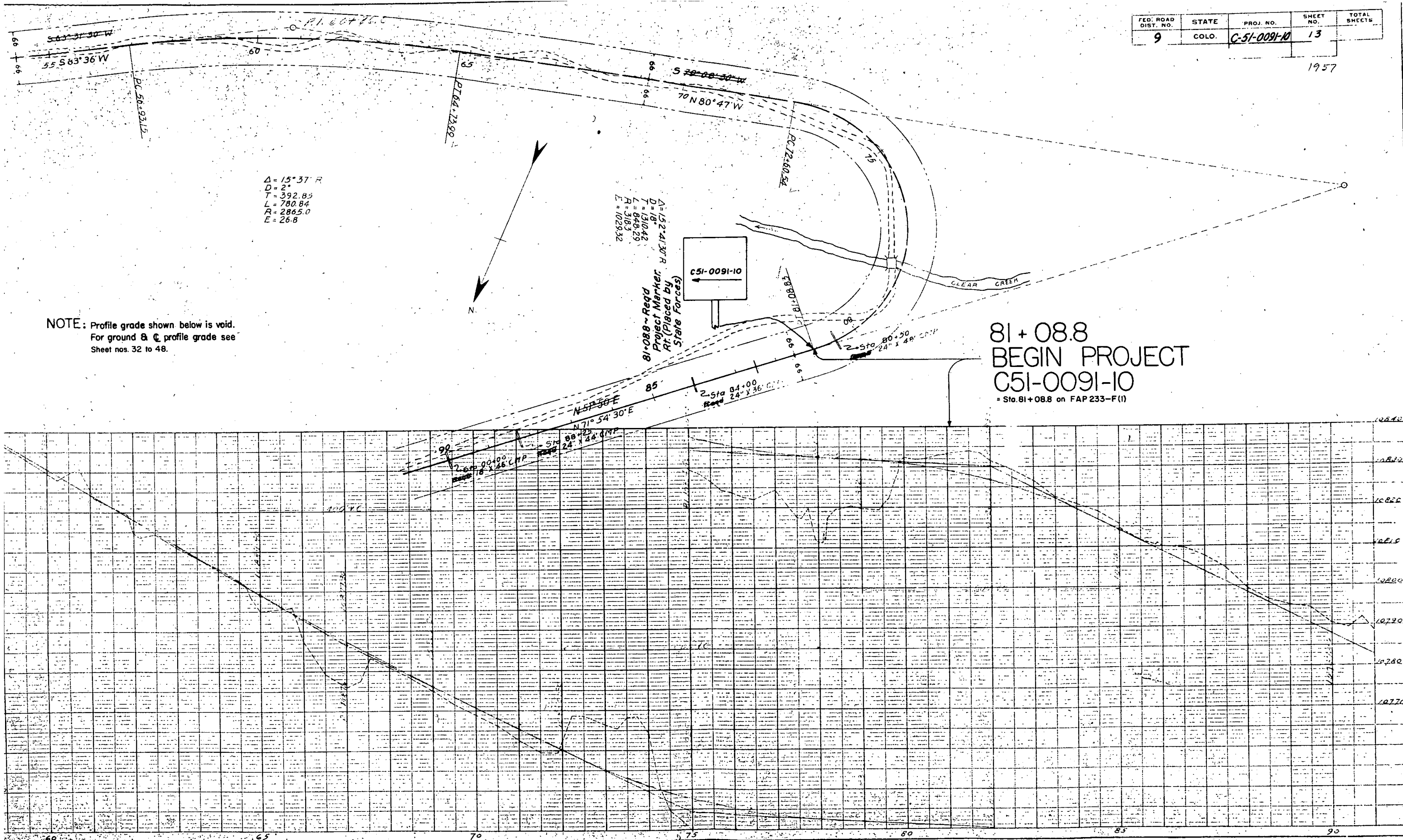
Station	Roadway Lin. Ft.		Bridges Lin. ft.
	24' Width	36' Width	
Sta. 81+08.8 Begin C 51-0091-10 = Sta. 81+08.8 on FAP 233-F(1)			
163+91.8 ~ Bridge ~ 164+17.8	8,283.0		26.0
Eq. 181+53.8 Bk. = 181+48.0 Ah.	1,736.0		
219+123 ~ Bridge ~ 219+37.0	3,764.3		24.7
Eq. 281+94.7 Bk. = 282+00 Ah.	6,257.7		
308+00.0	2,600.0		
332+00.0		2,400.0	
Eq. 353+36.0 Bk. = 353+29.0 Ah.	2,136.0		
Eq. 389+53.5 Bk. = 0+00.0 Ah.	3,624.5		
Eq. 31+79.6 Bk. = 31+89.1 Ah.	3,179.6		
34+09.5	220.4		
64+00.0		2,990.5	
98+00.0	3,400.0		
121+00.0		2,300.0	
Eq. 170+39.0 Bk. = 169+96.1 Ah.	4,939.0		
184+94.3 ~ Bridge ~ 185+48.9	1,498.2		54.6
Eq. 210+42.9 Bk. = 210+55.4 Ah.	2,494.0		
224+53.4 ~ Bridge ~ 224+96.6	1,398.0		43.2
Sta. 224+96.6 End C 51-0091-10 = Sta. 224+96.6 on FAP 233-F(1)			
Total	45,530.7	7,690.5	148.5
SUMMARY			
C 51-0091-10	24' Width Roadway	45,530.7 ft. = 8.623 mi.	
	36' Width Roadway	7,690.5 ft. = 1.457 mi.	
	Bridges	148.5 ft. = 0.028 mi.	
Total Length		53,369.7 ft. = 10.108 mi.	



It is recommended that bidders on this Project go over the plan details with one of the following field representatives of this Department:
F.O. Stearns, Construction Engineer, Denver, Colo.
M.B. Smith, Resident Engineer, Denver, Colo.
Home Phone, Be 3-6010

COLORADO
DEPARTMENT OF HIGHWAYS
APPROVED: _____
CHIEF ENGINEER
7-26-57
DATE

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	C-51-0091-10	13	



FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	C-51-0091-10	14	

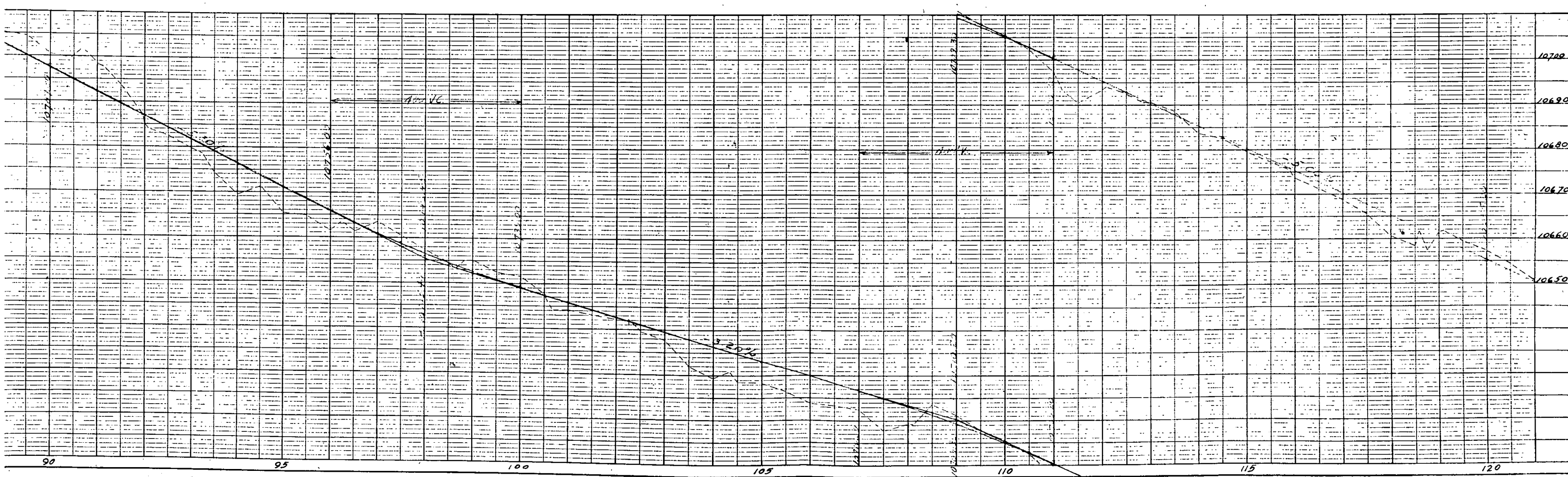
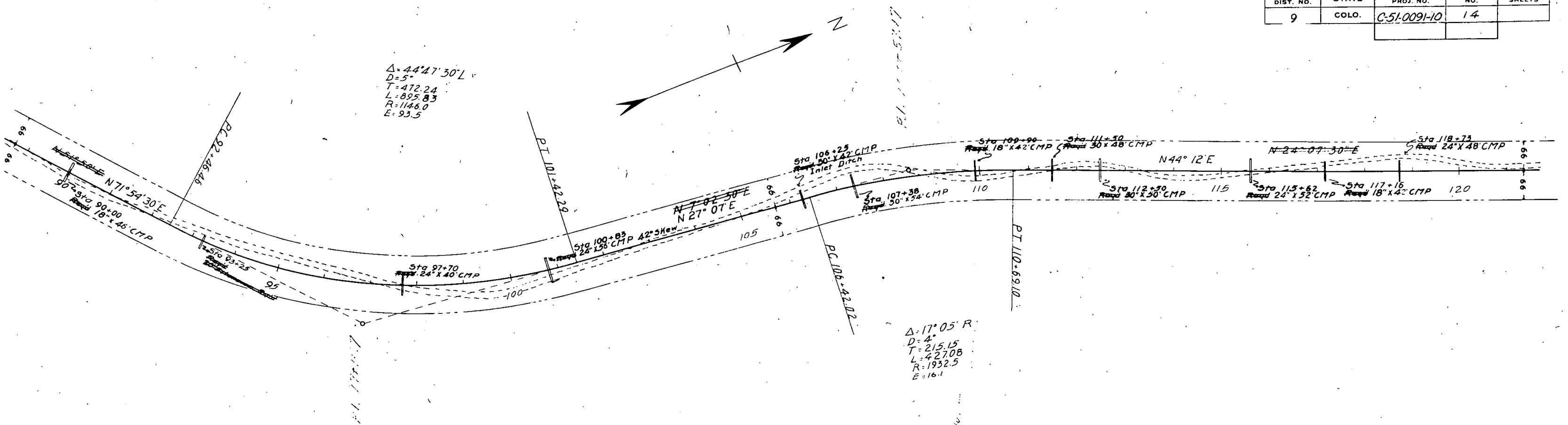


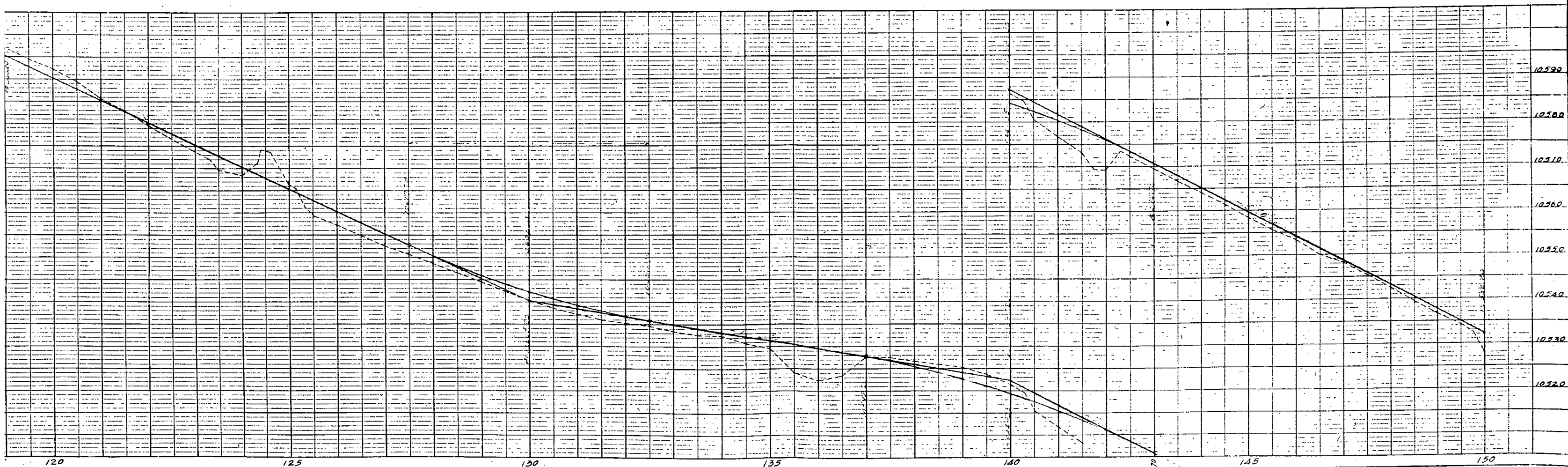
PLATE 1-PLAN-PROFILE OF R.R.F. STANDARD

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	C51-009140	15	

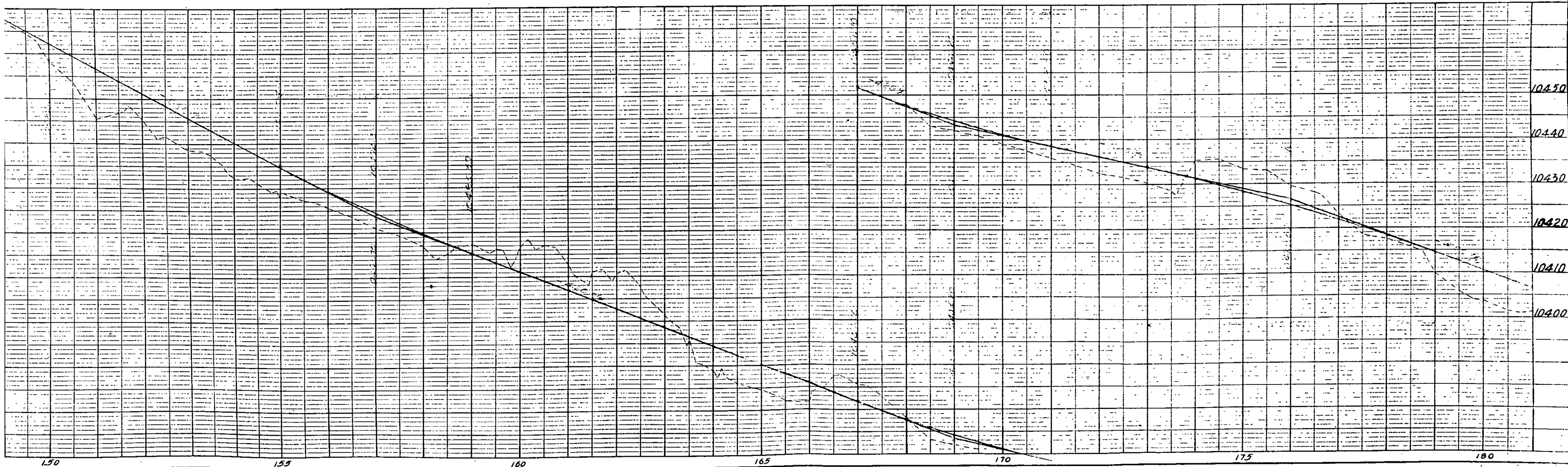
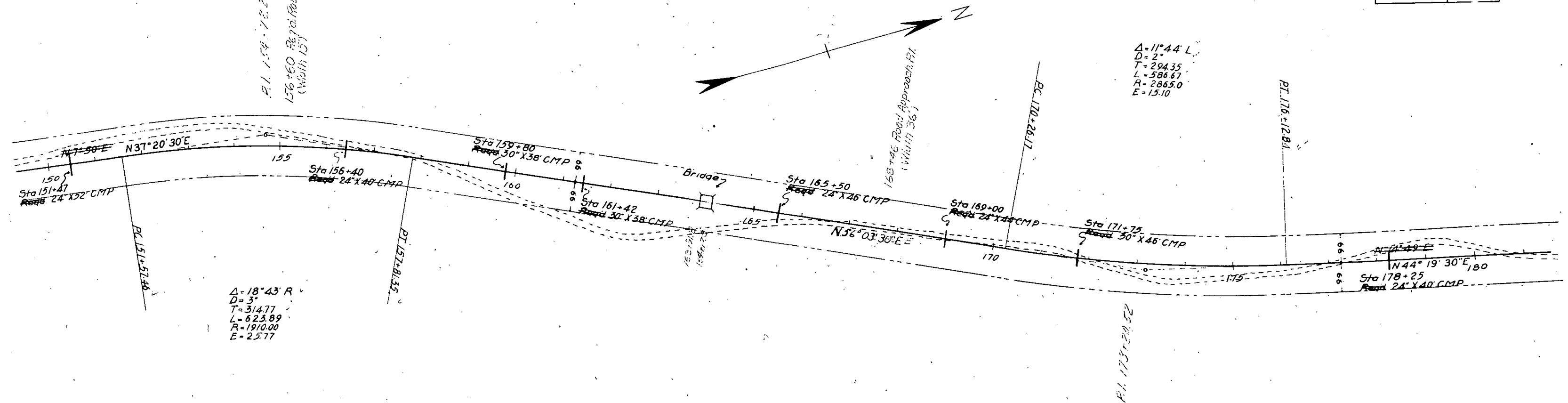
$\Delta = 9^{\circ}06' L$
 $D = 2'$
 $T = 228.0$
 $L = 455.0$
 $R = 2865.0$
 $E = 9.10$

$\Delta = 5^{\circ}36'30'' L$
 $D = 1'$
 $T = 280.65$
 $L = 560.84$
 $R = 5730.0$
 $E = 6.85$

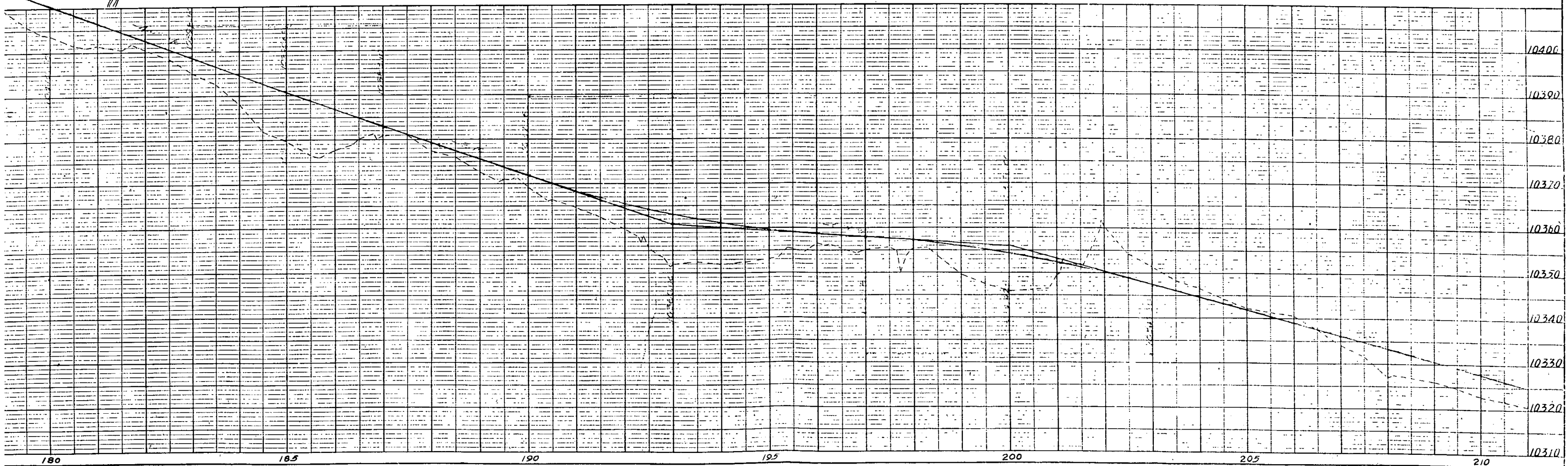
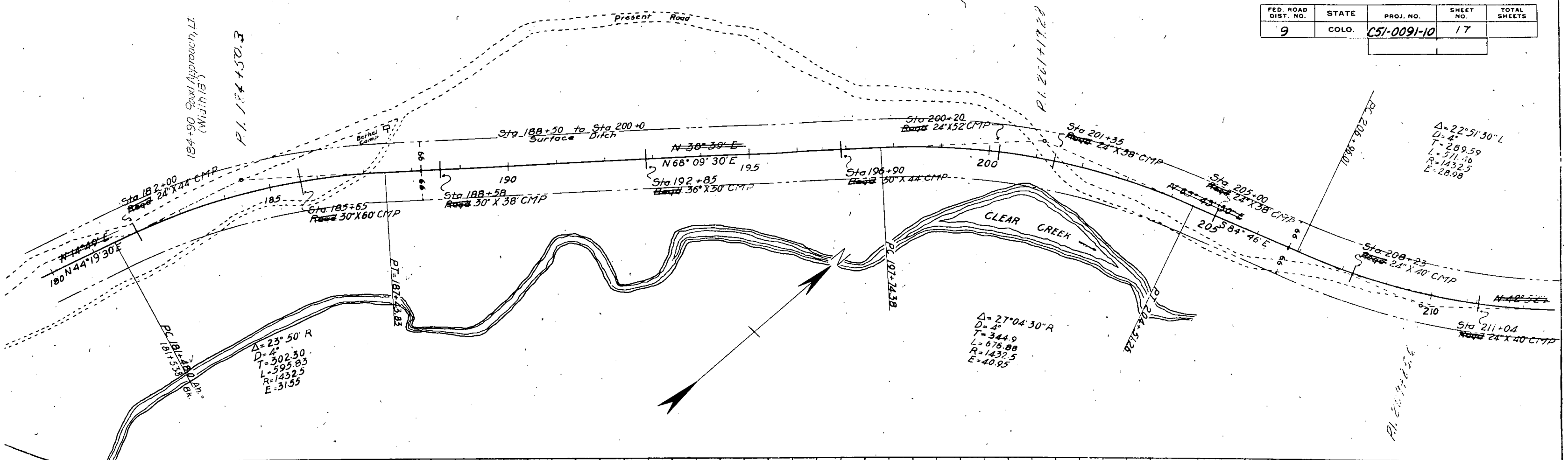
$\Delta = 7^{\circ}51' R$
 $D = 2'$
 $T = 196.55$
 $L = 392.50$
 $R = 2865.0$
 $E = 6.75$



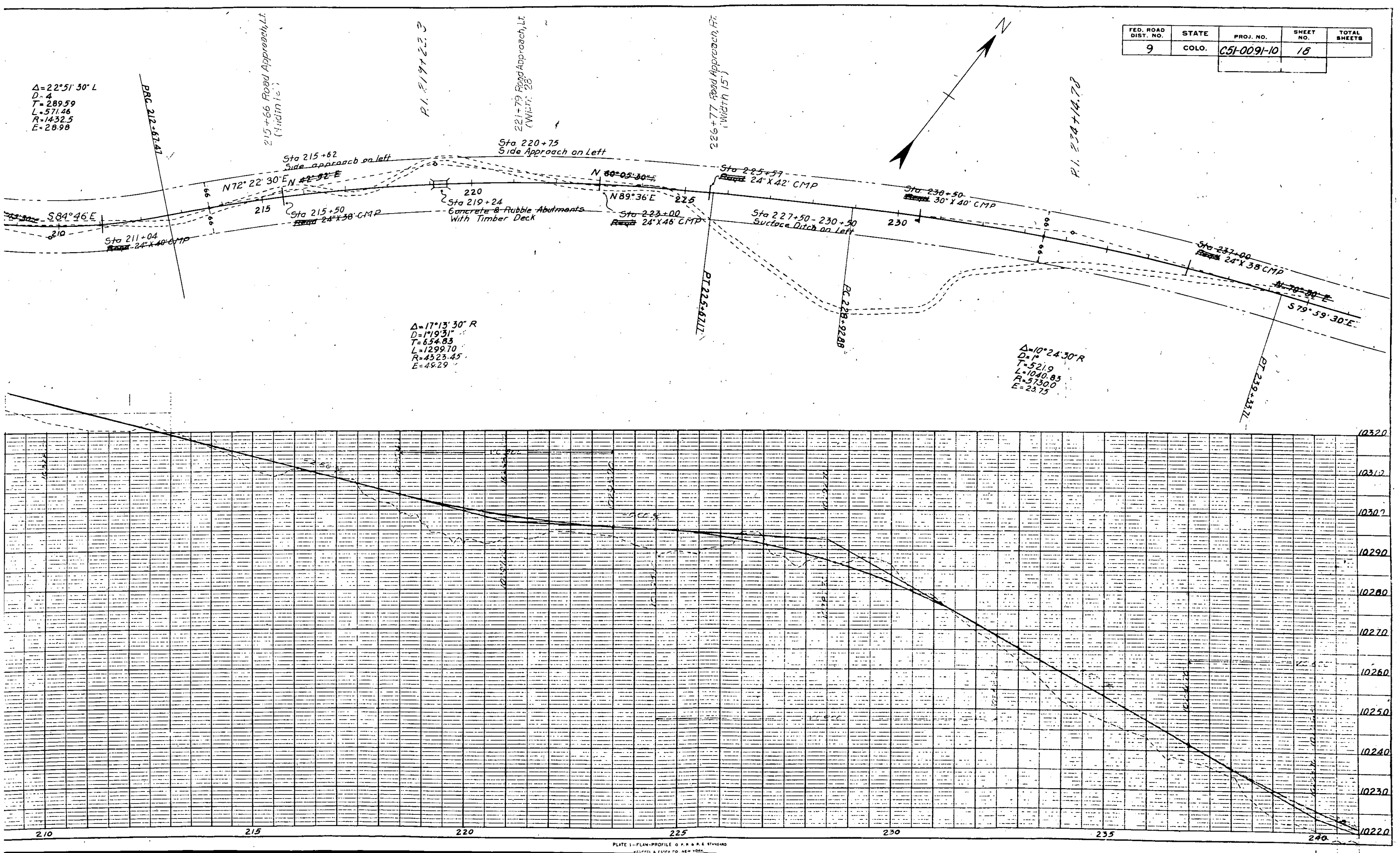
FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	C51-0091-10	16	



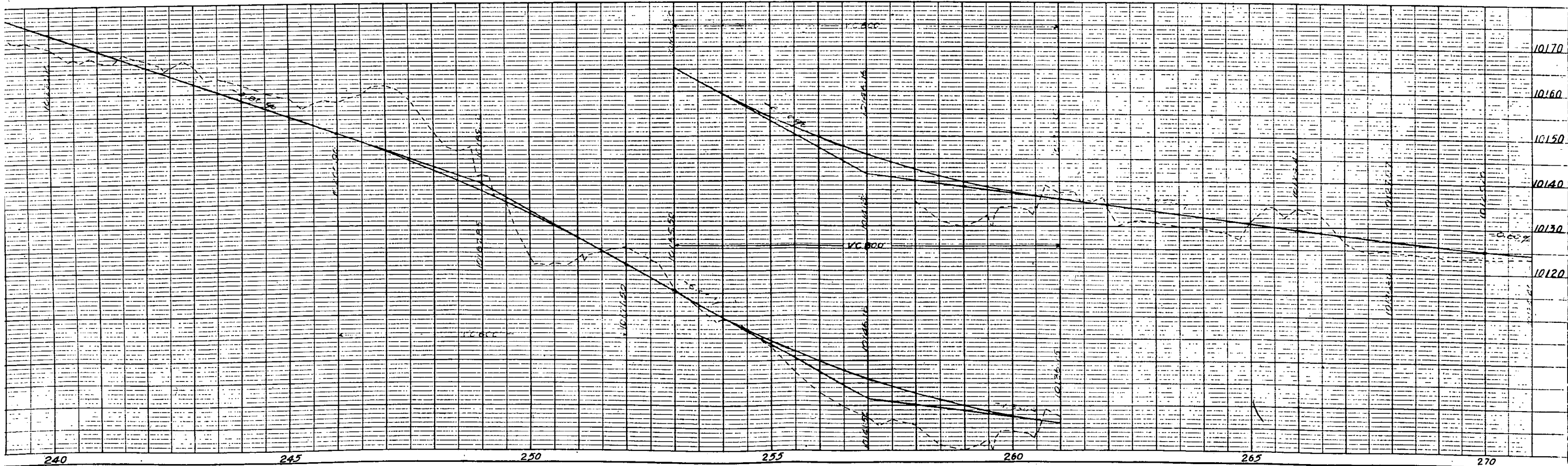
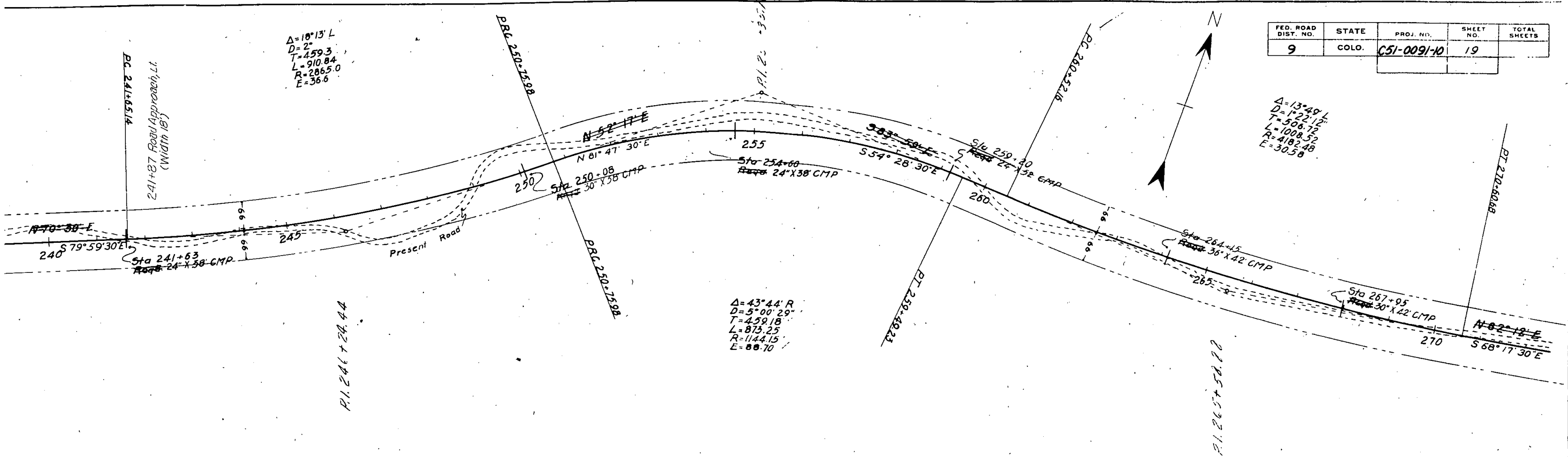
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9	COLO.	C51-0091-10	17	



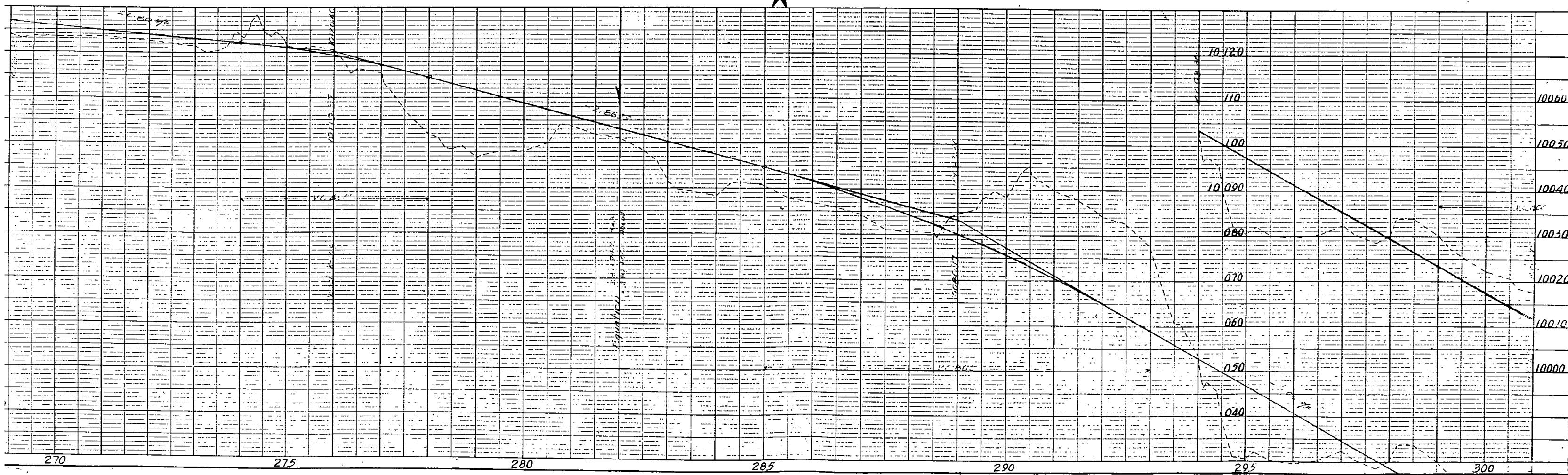
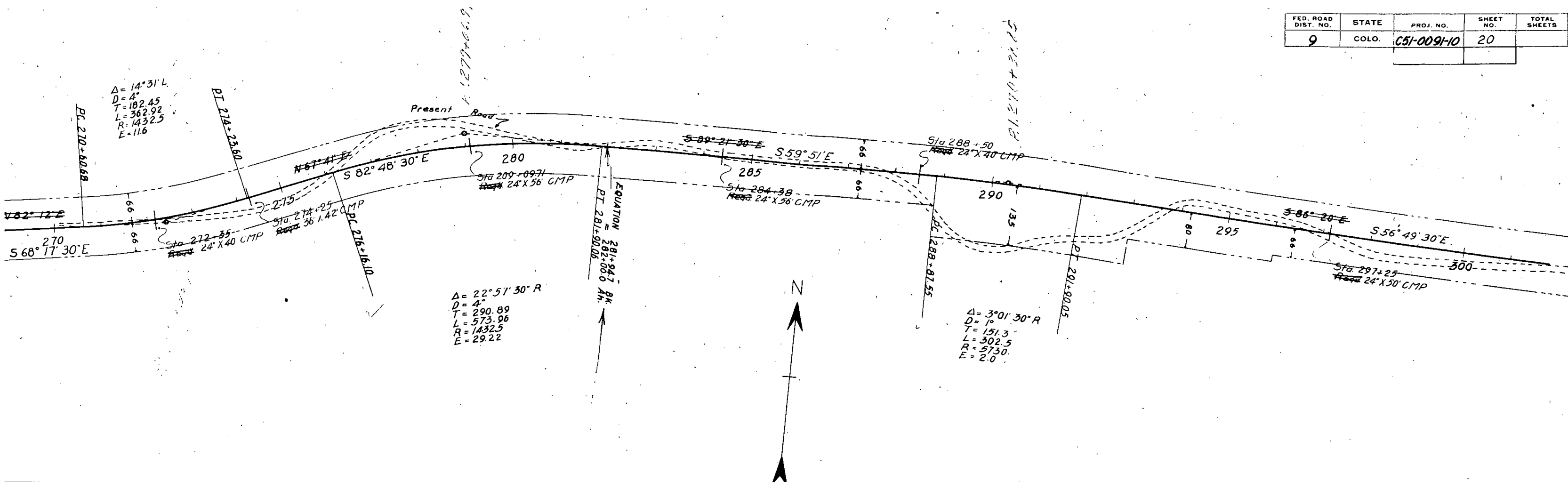
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9	COLO.	051-0091-10	18	



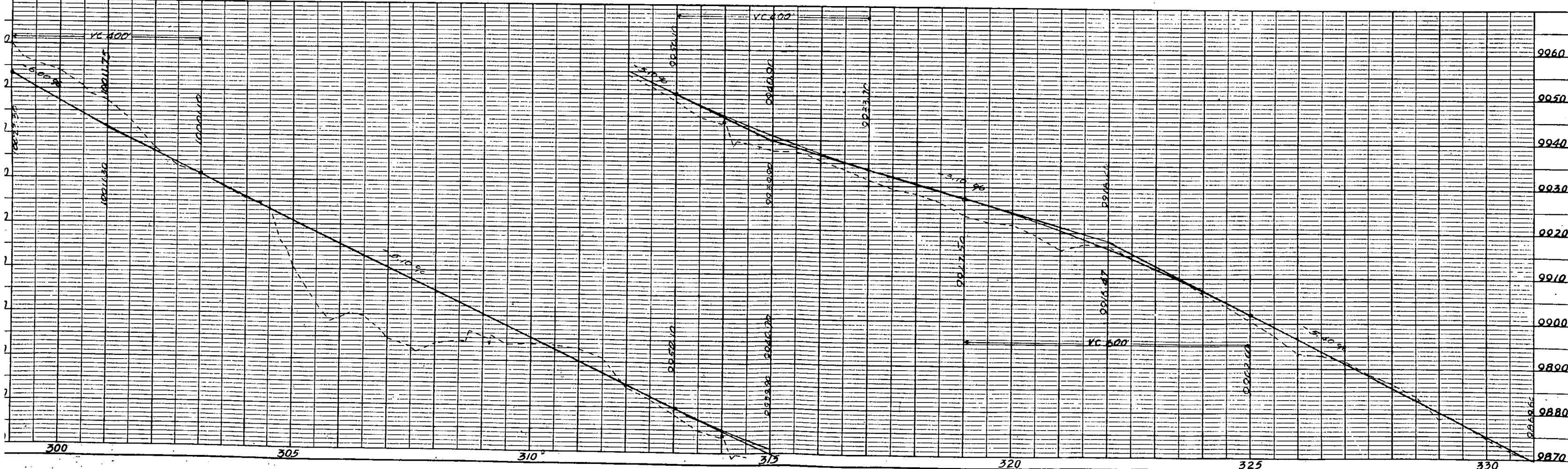
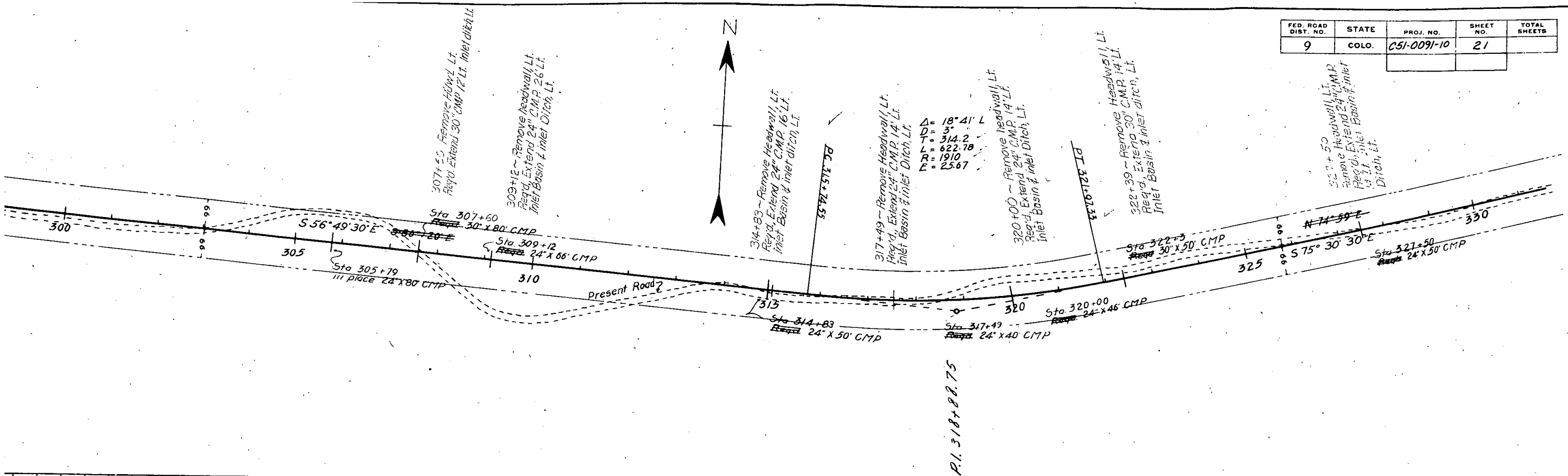
FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	C51-0091-10	19	



FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	C51-0091-10	20	



FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	051-0091-10	21	



FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	CS-0091-10	22	

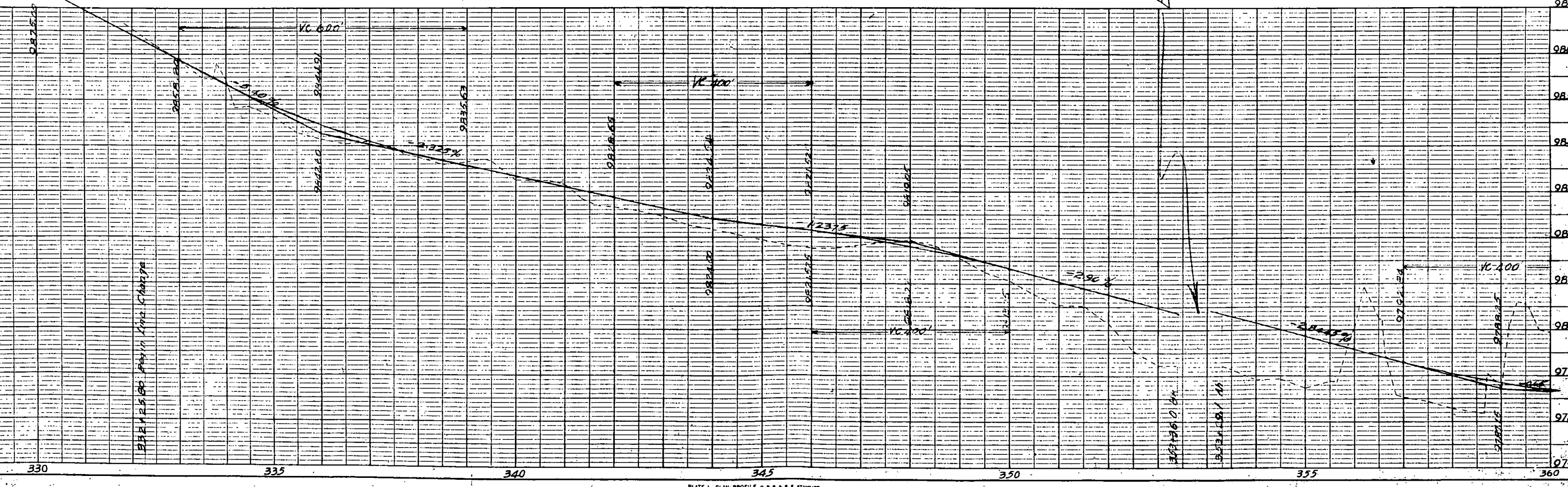
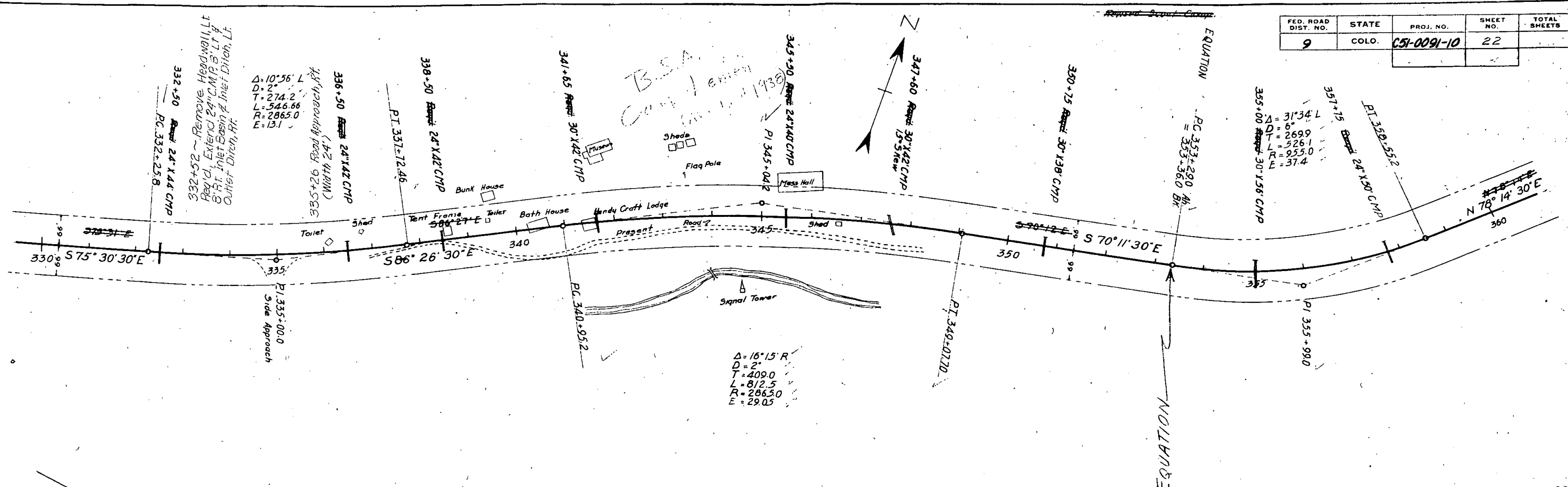
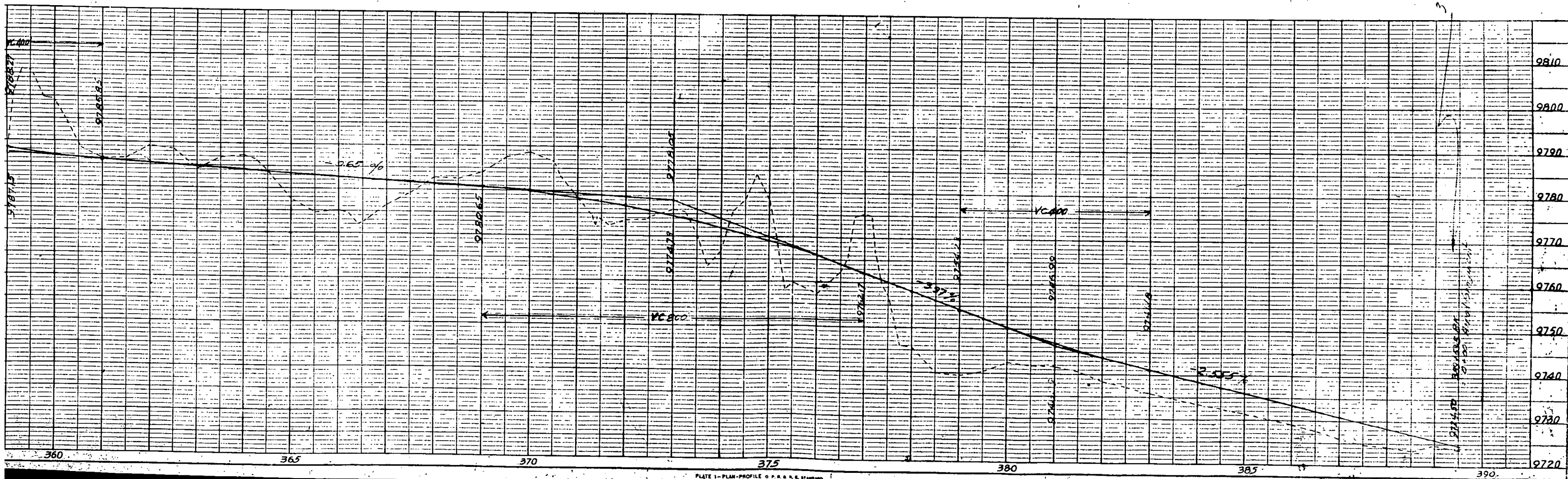
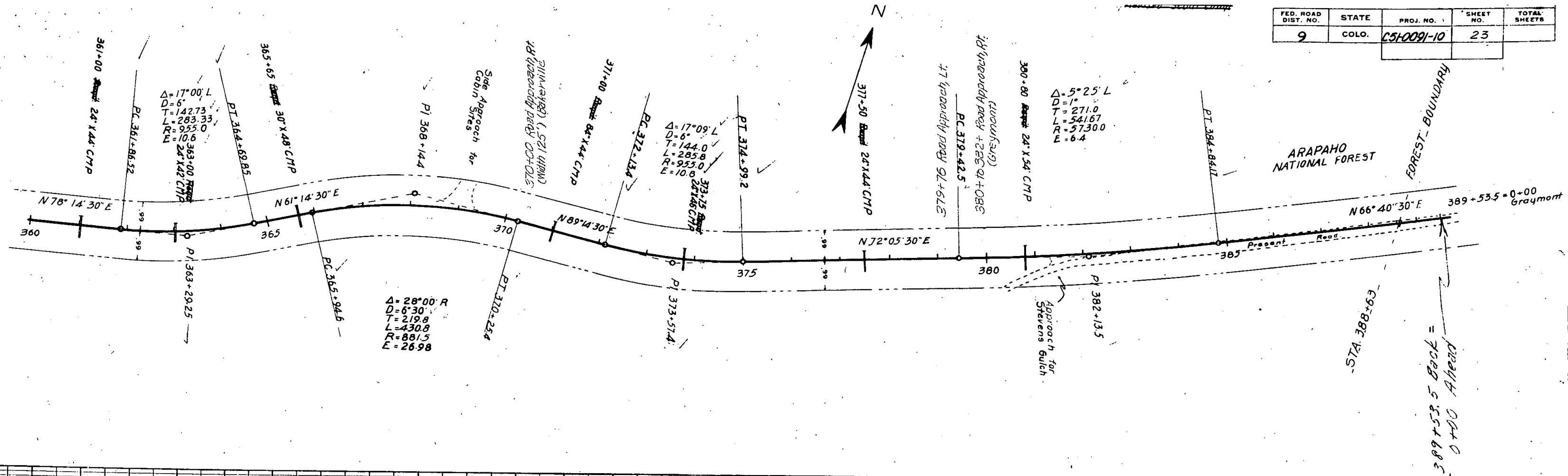
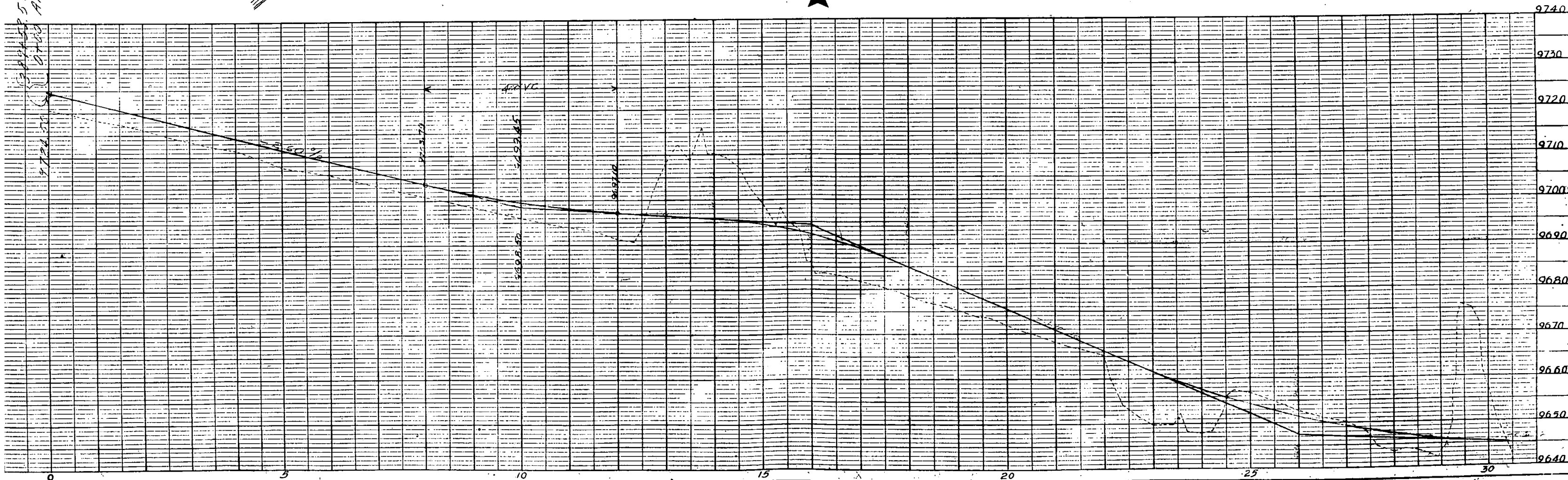
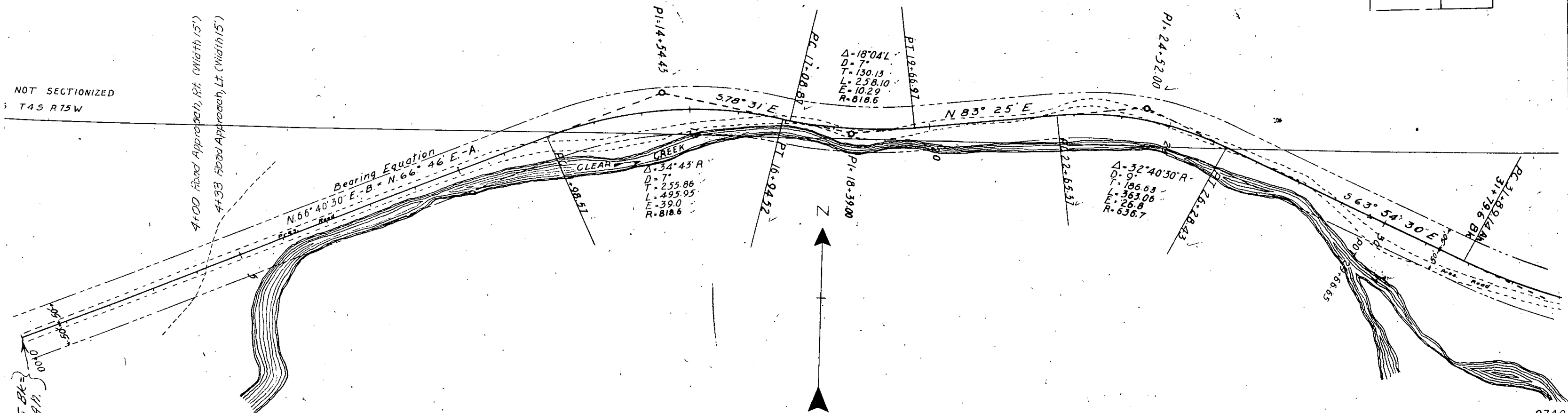


PLATE 1-PLAN-PROFILE O. P. & R. E. STANDARD

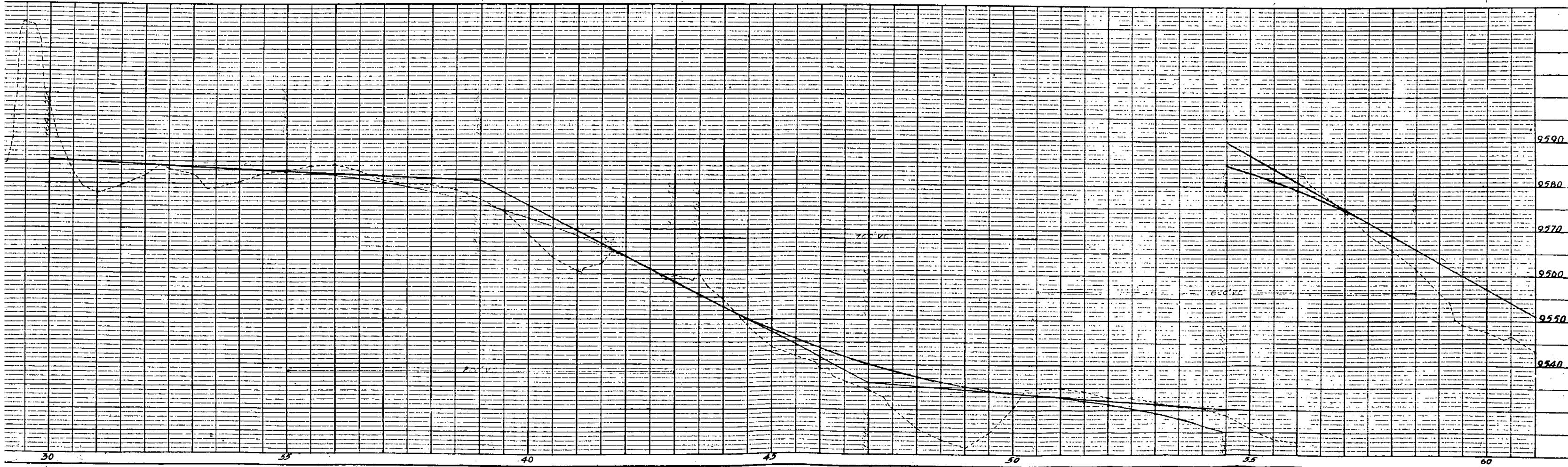
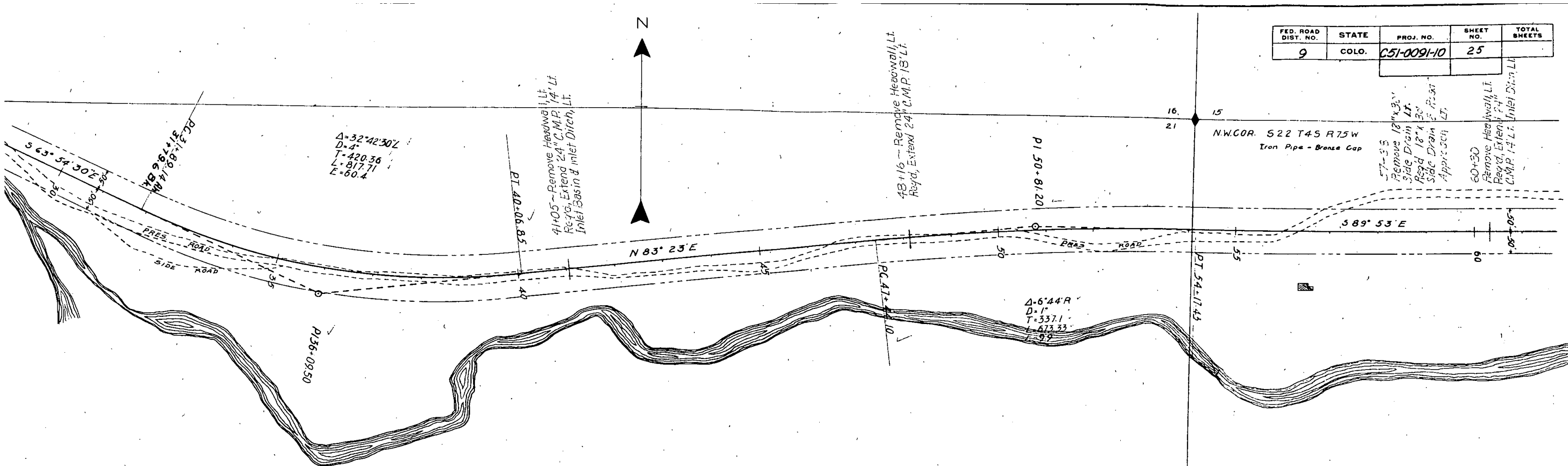
FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	C510091-10	23	



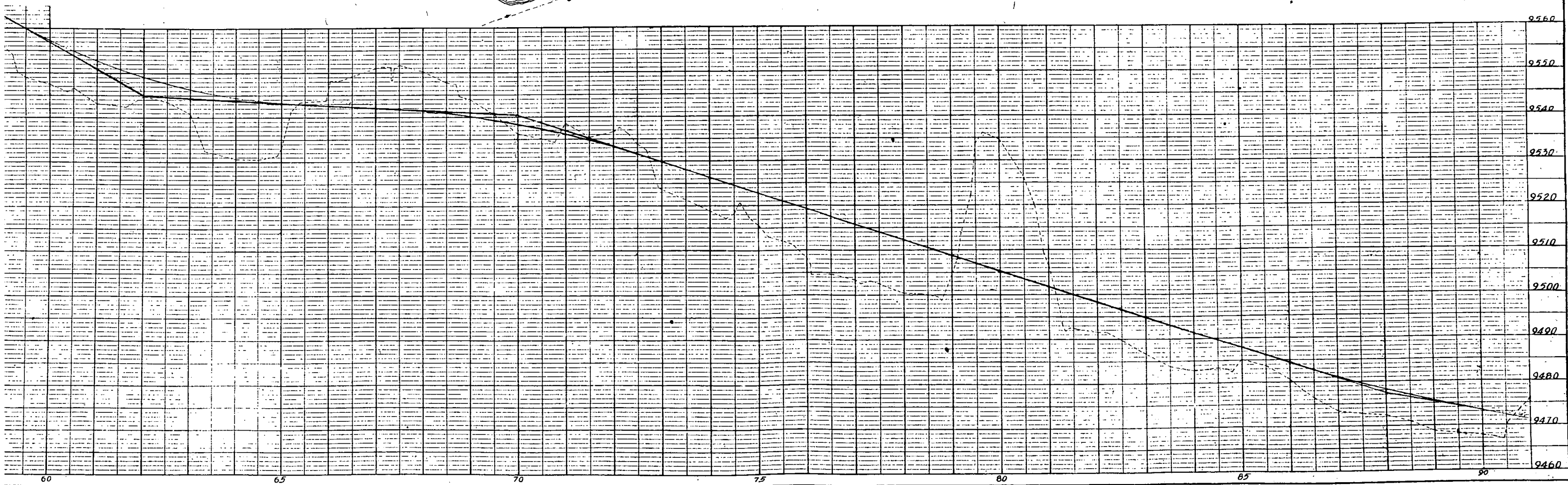
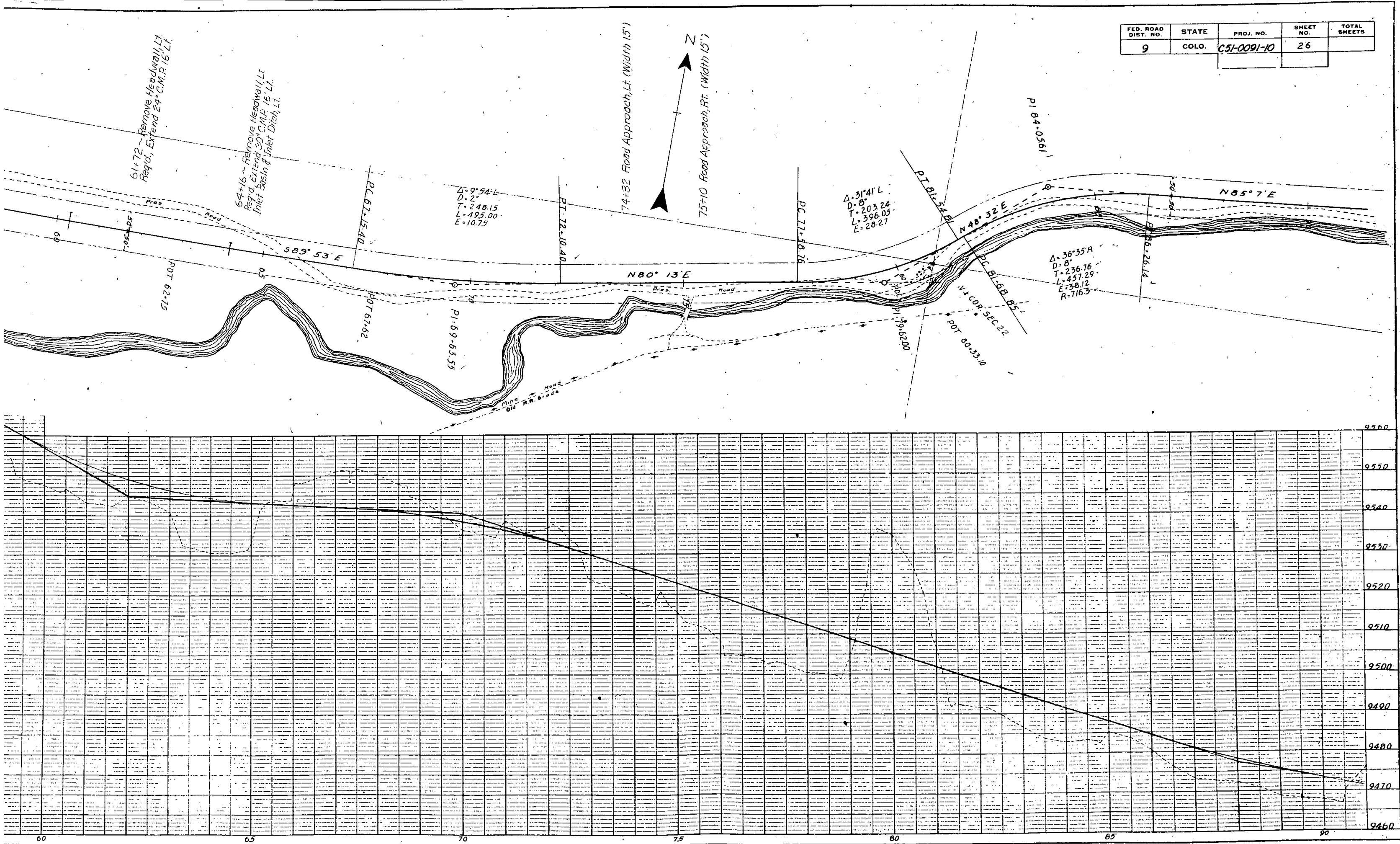
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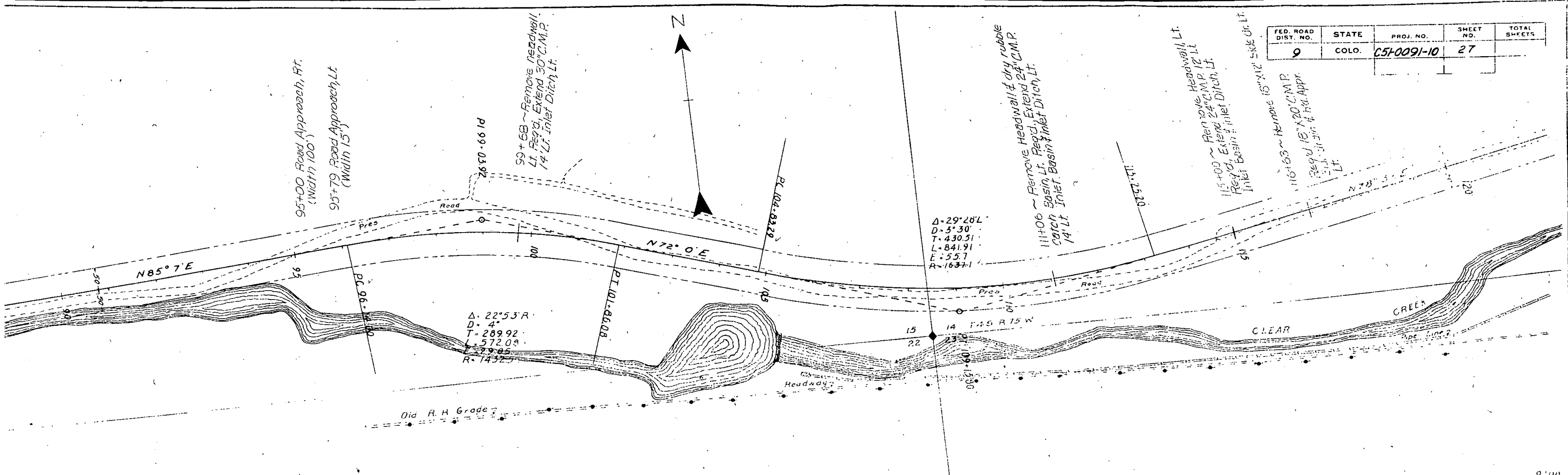


FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	C51-0091-10	25	

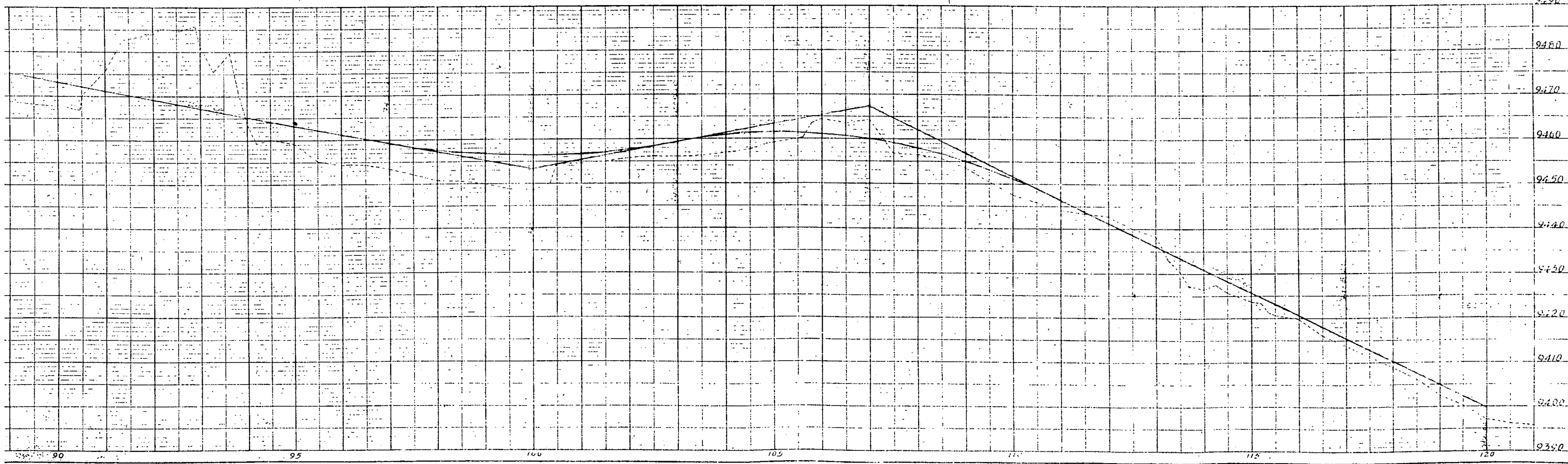


FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	C51-0091-10	26	

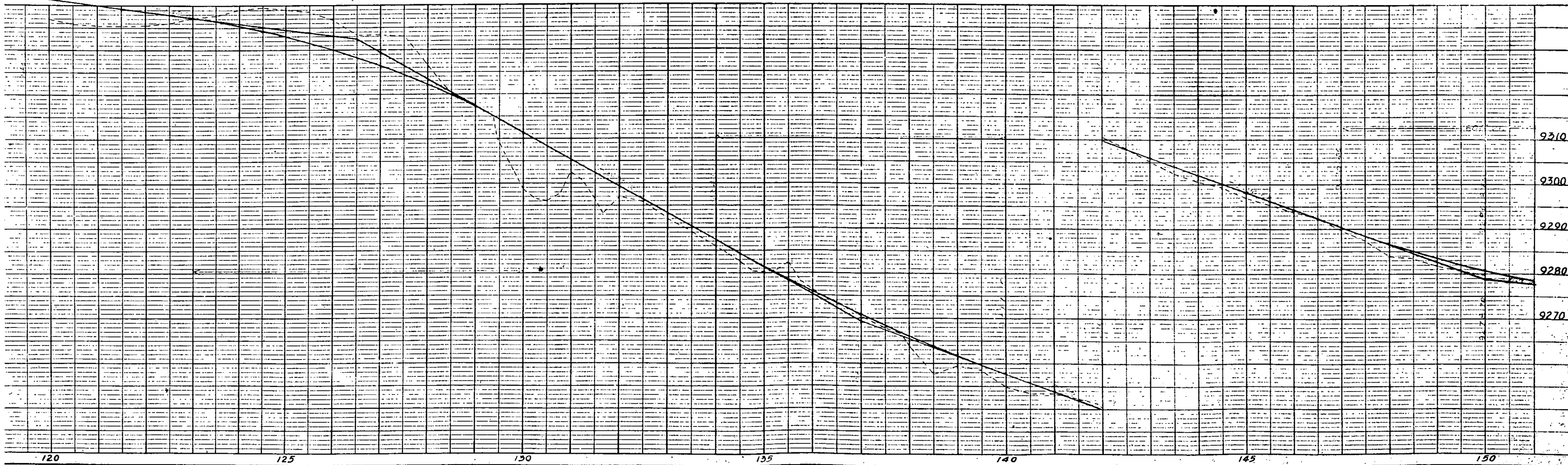
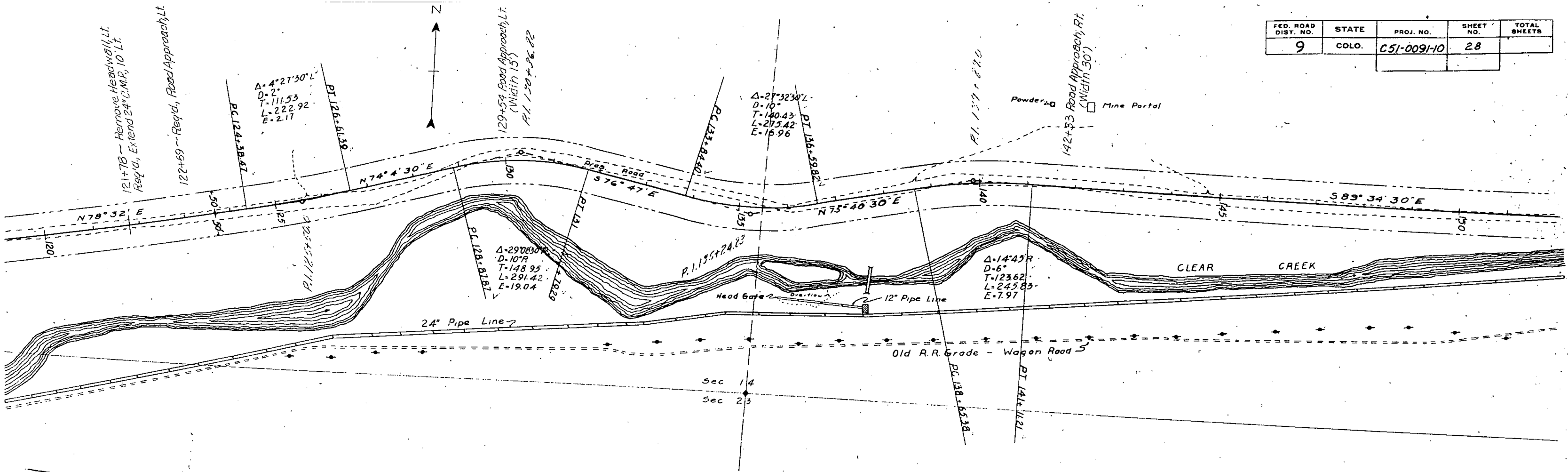


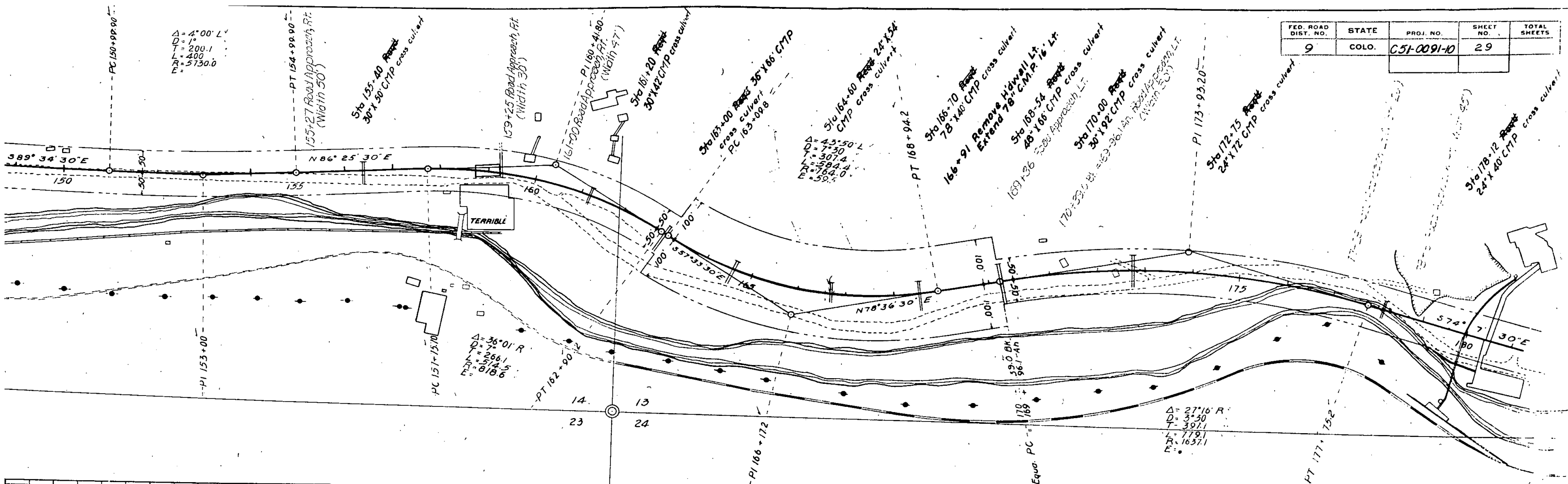


FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	C51-0091-10	27	



FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	C51-0091-10	28	





FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	C51-0091-10	29	

