

COLORADO DEPARTMENT OF HIGHWAYS

PLAN AND PROFILE OF PROPOSED FEDERAL AID PROJECT NO. F 005-3(17) STATE HIGHWAY NO. 2 GRAND COUNTY

RIGHT - OF - WAY

SCALES OF ORIGINAL DRAWINGS

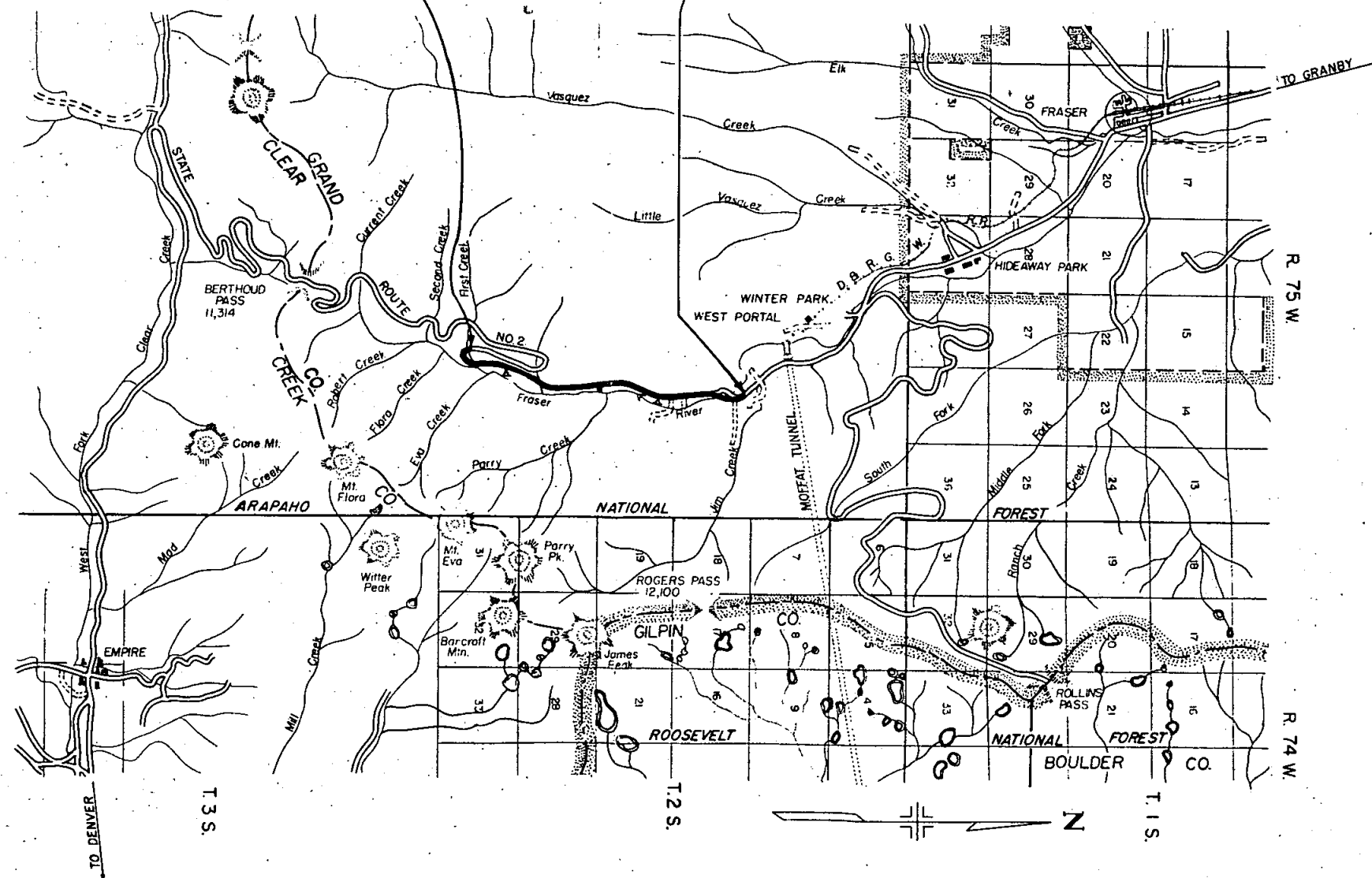
ON PLAN. 1 IN. = 100 FT.
ON PROFILE. 1 IN. = 100 FT. HORIZONTAL
1 IN. = 10 FT. VERTICAL

GRADE LINE ON PROFILE IS SHOWN AS GRADE OF FINISHED ROAD
GROSS LENGTH OF PROJECT
NET LENGTH OF PROJECT

STA. 257+00=END F 005-3(17)

STA. 541+10.2 BK.(SURVEY)= BEGIN F 005-3(17)

STA. 45+40.5 AHD.(PROJECTED) = 27' Rt. of 541+10.2 on F 151(15)



FEDERAL ROAD REGION NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLORADO	F005-3(17)	1	

RIGHT OF WAY

CONVENTIONAL SIGNS

CENTER LINE
RIGHT OF WAY LINE
COUNTY LINE
TOWNSHIP OR RANGE LINE
LAND LINES
RAILROAD
BARBED WIRE FENCE
COMBINATION WIRE FENCE
SNOW FENCE
TELEPHONE & TELEGRAPH LINES
POWER LINE
DETOUR
PRESENT ROAD (Plan Sheets)

INDEX OF SHEETS

SHEET NO.

- 1 - Title Sheet
- 2 - Tabulation of Properties
- 3-10 - Plan and Profile Sheets
Showing Proposed Right-Of-Way
- 11 - Ownership Map

PROJ. F 005-3(17)

FEDERAL ROAD DIVISION NO.	DISTRICT	PROJ. NO.	SHEET NO	TOTAL SHEETS
9	COLORADO	F 005-3(17)	2	

RIGHT OF WAY

[illegible]

T. 2 S., R. 75 W.

Tract - B
Exchange Survey No. 367
City and County of Denver
Denver, Colo.

RIGHT OF WAY

FED. ROAD REC. NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	F005-3 (17)	3	

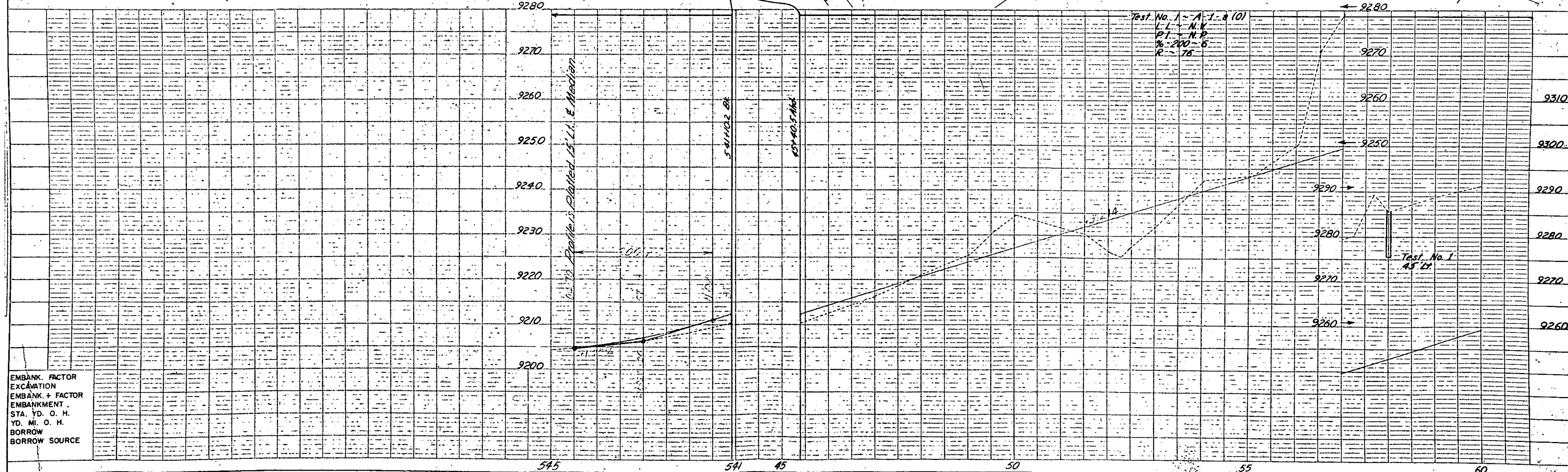
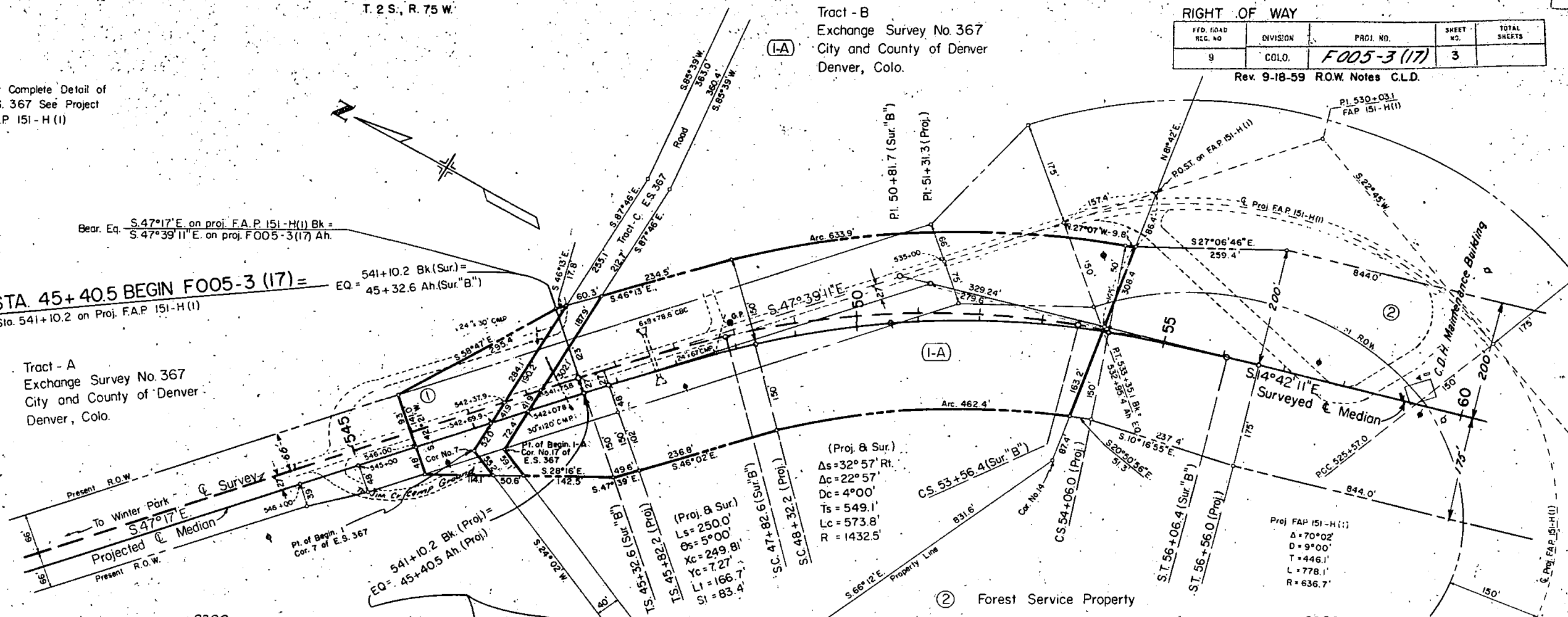
Rev. 9-18-59 R.O.W. Notes C.L.D.

NOTE:
*For Complete Detail of
E.S. 367 See Project
F.A.P. 151-H (1)

Bear. Eq. S.47°17'E. on proj. F.A.P. 151-H (1) Bk =
S.47°39'11"E. on proj. F005-3 (17) Ah.

STA. 45+40.5 BEGIN F005-3 (17) =
Sta. 541+10.2 on Proj. F.A.P. 151-H (1)

① Tract - A
Exchange Survey No. 367
City and County of Denver
Denver, Colo.



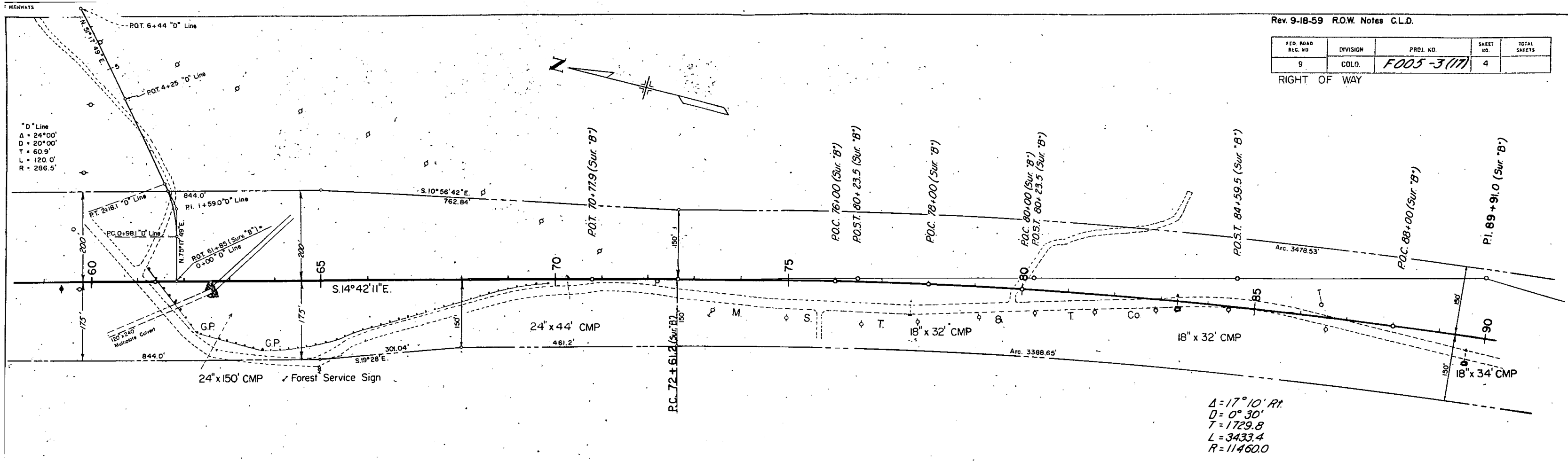
EMBANK. FACTOR
EXCAVATION
EMBANK + FACTOR
EMBANKMENT
STA. YD. O. H.
YD. MI. O. H.
BORROW
BORROW SOURCE

HIGHWAYS

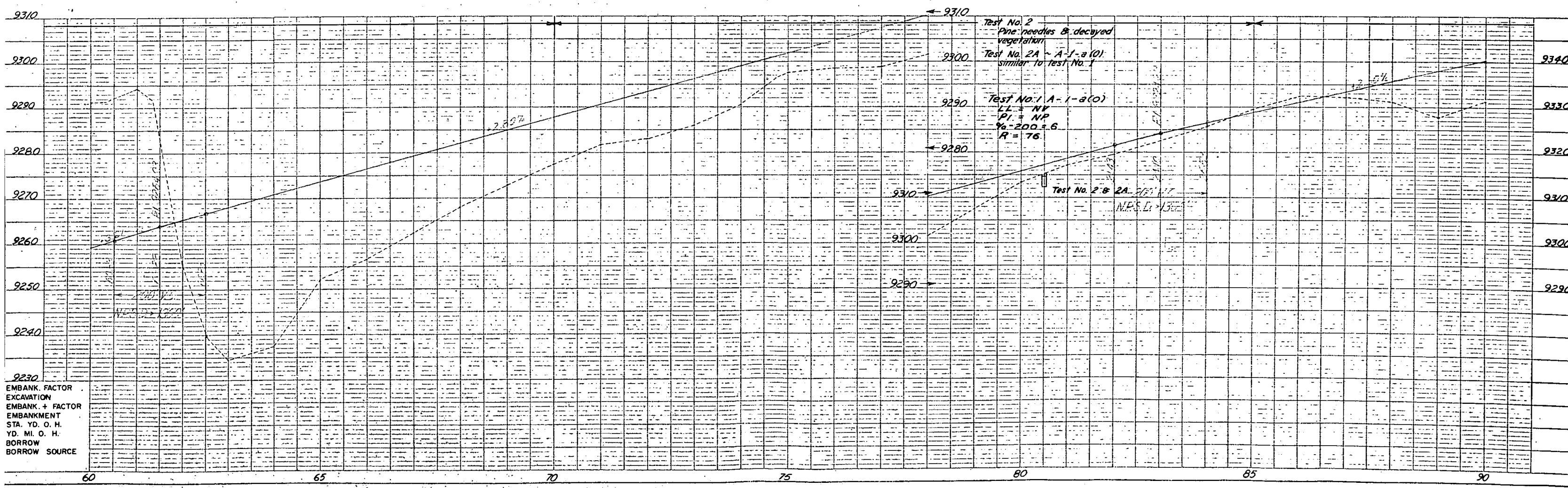
Rev. 9-18-59 R.O.W. Notes C.L.D.

FED. ROAD REG. NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	F005-3(17)	4	

RIGHT OF WAY



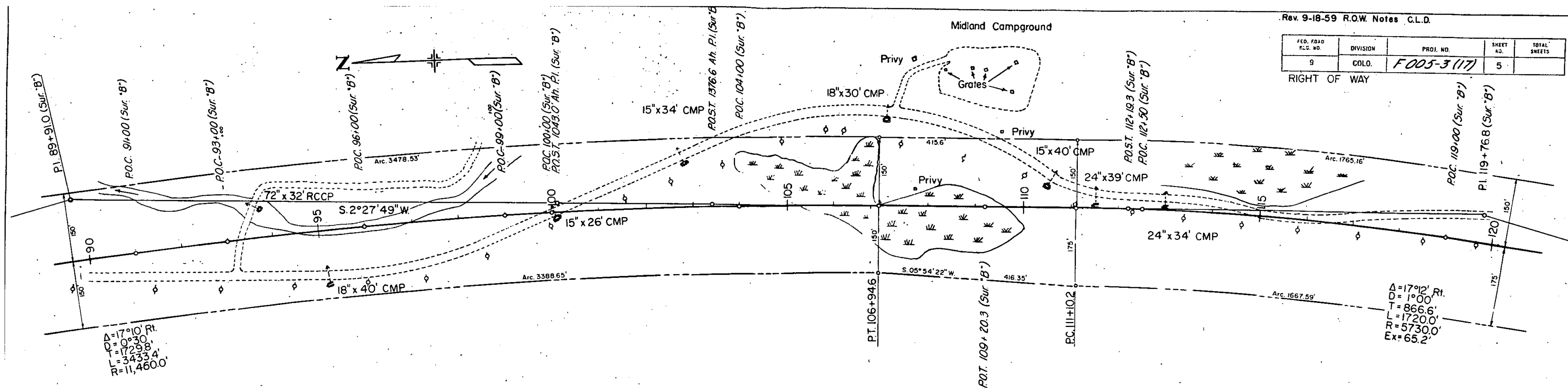
T. 2 S., R. 75 W.



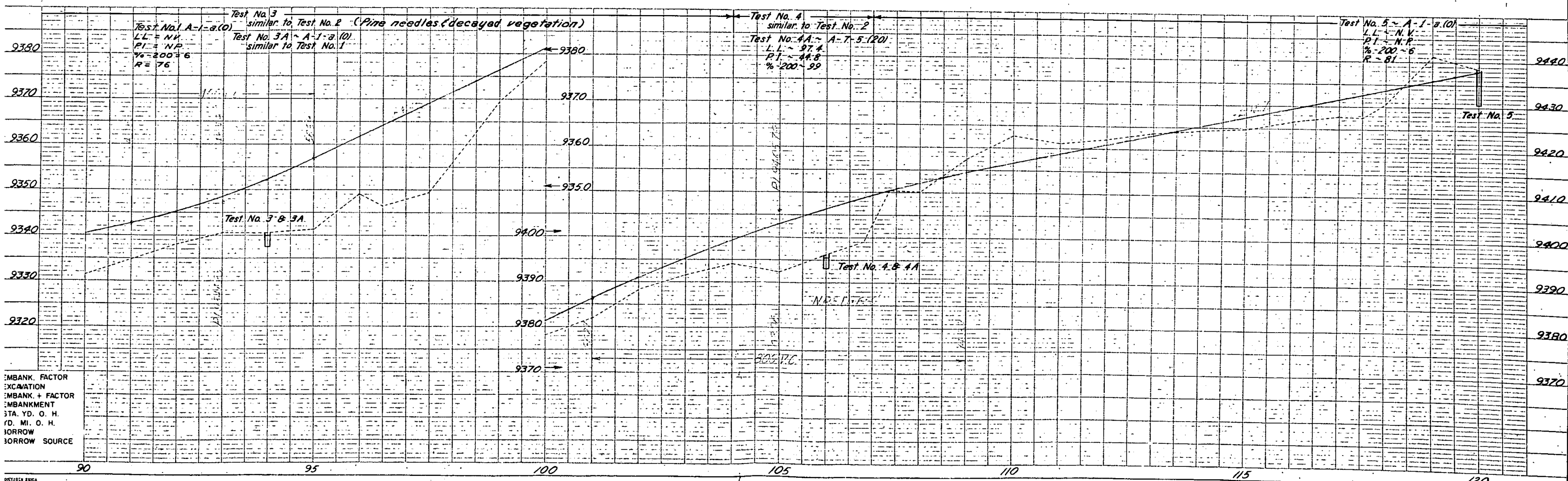
EMBANK. FACTOR
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BORROW
BORROW SOURCE

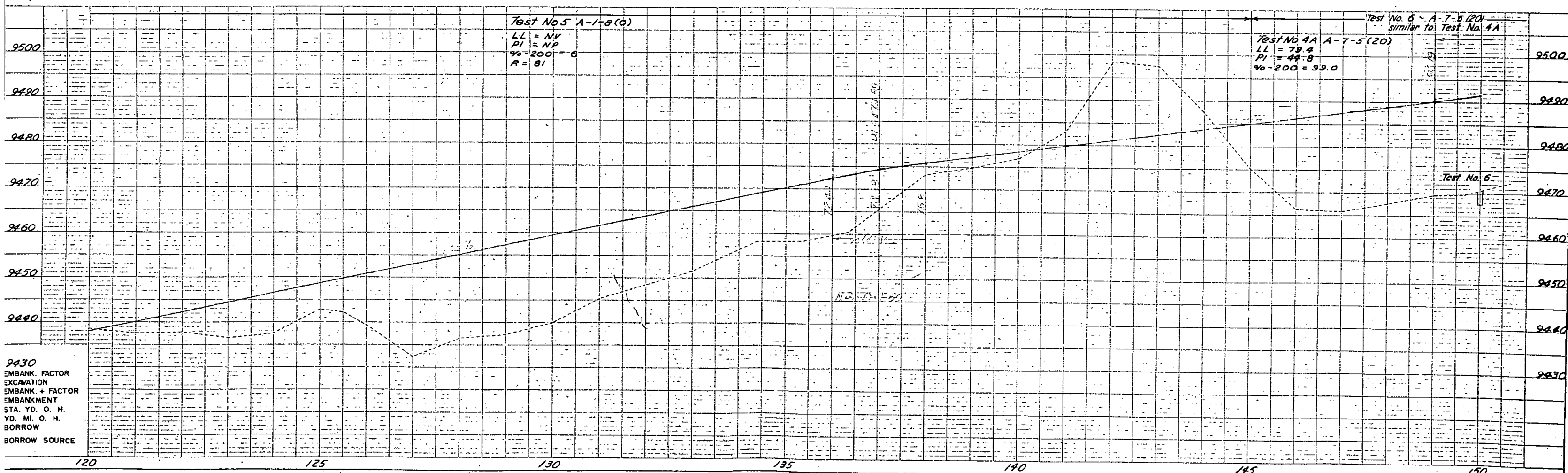
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9	COLO.	F005-3 (117)	5	

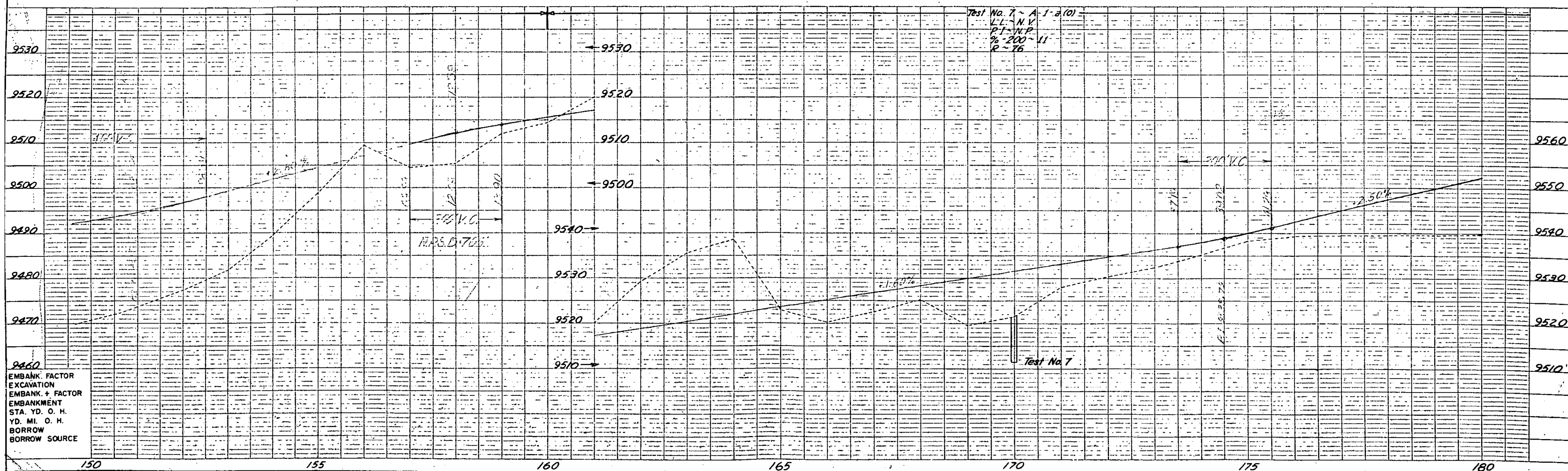
RIGHT OF WAY



T. 2 S., R. 75 W.

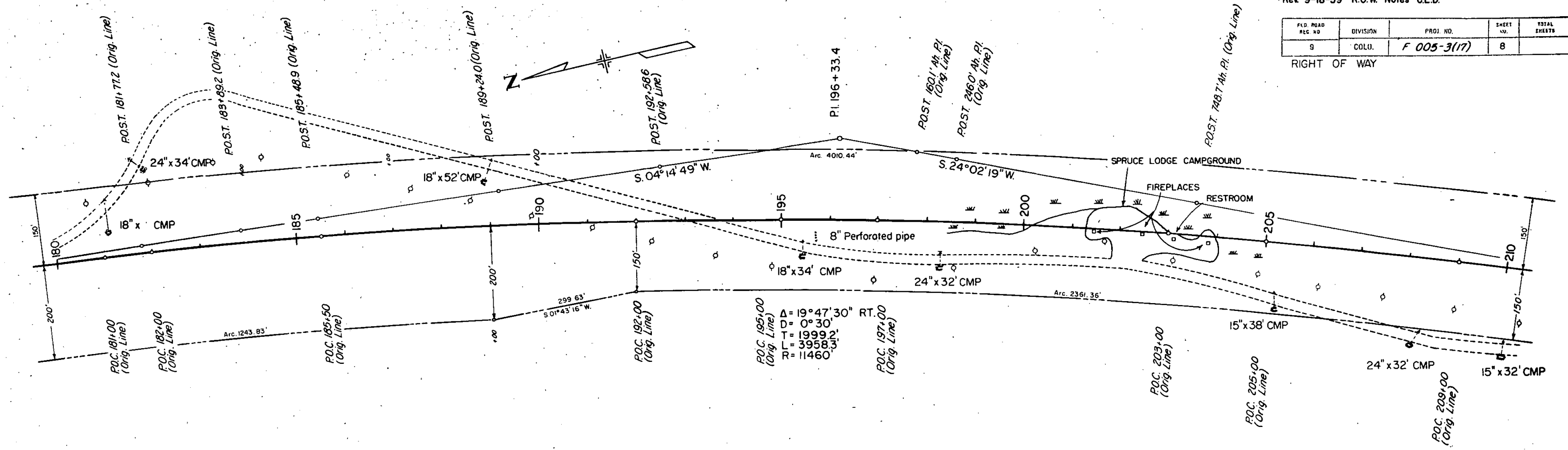




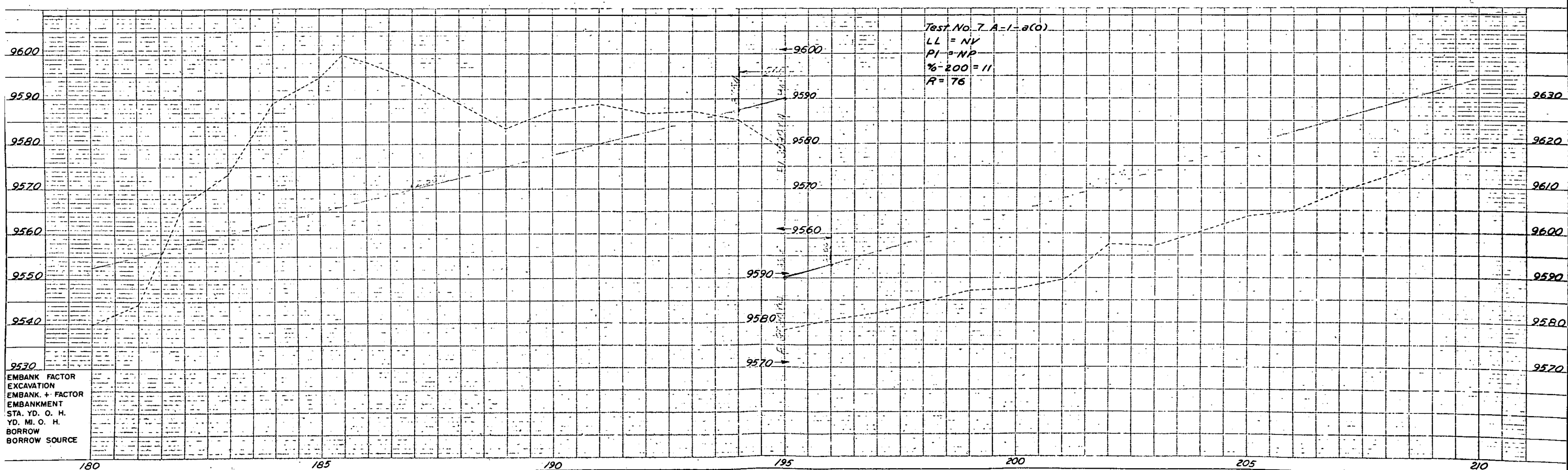


F.L.D. ROAD REC. NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLU.	F 005-3(17)	8	

RIGHT OF WAY

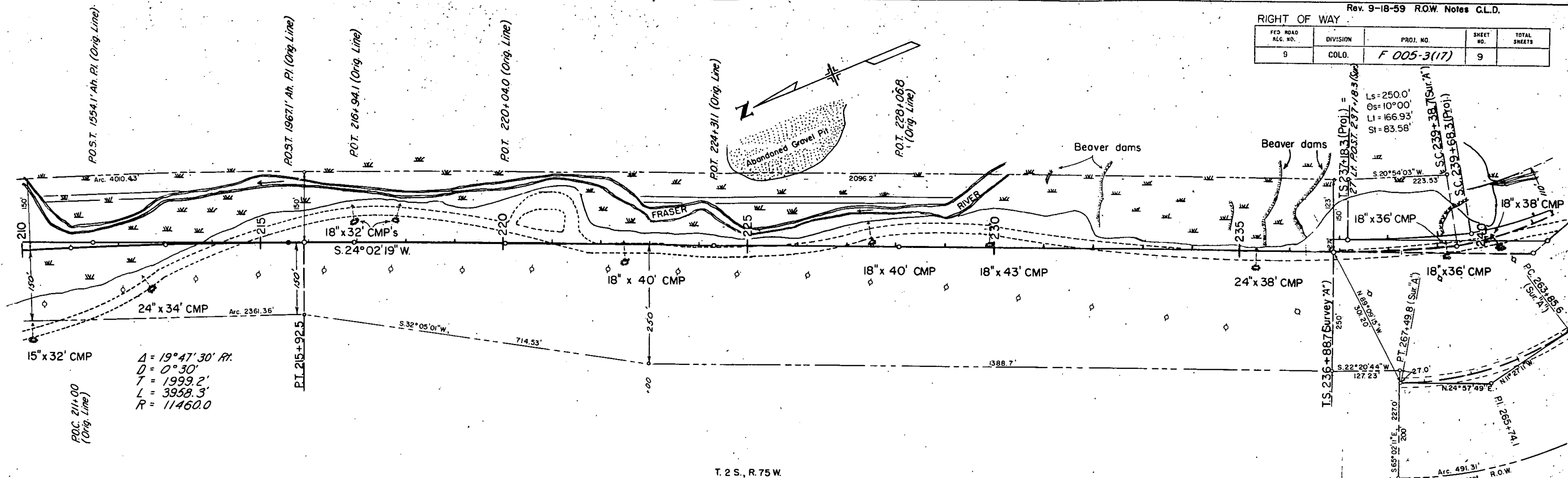


T.2 S., R. 75 W.

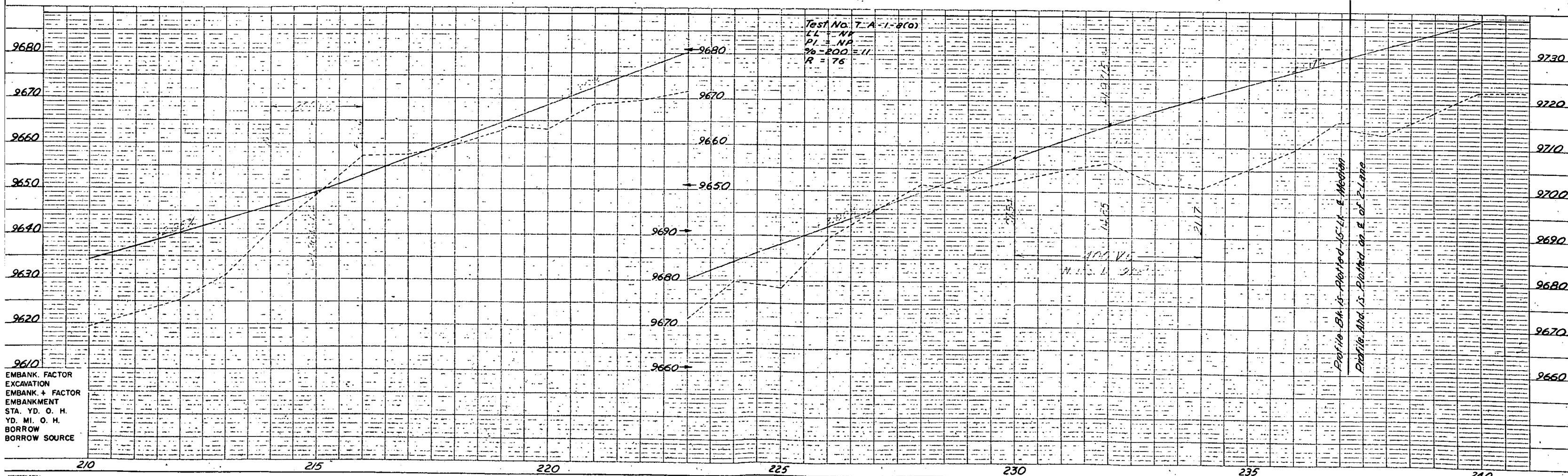


RIGHT OF WAY

FED. ROAD ALC. NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	F 005-3(17)	9	



T. 2 S., R. 75 W.

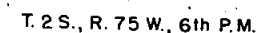
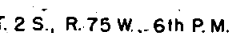


EMBANK. FACTOR
EXCAVATION
EMBANK. + FACTOR
EMBANKMENT
STA. YD. O. H.
YD. MI. O. H.
BORROW
BORROW SOURCE

RIGHT OF WAY



RIGHT OF WAY OWNERSHIP MAP
Scale 1" = 400'



FED. ROAD REG. NO.	DIVISION	PROJECT NO.	SHEET NO.	TOTAL SHEETS
9	COLORADO	F 005-3(17)	4	

TABULATION RIGHT-OF-WAY MARKERS

STATION	SIDE	QUANTITY	
		24' RDWY	36' RDWY
45+40.5	LT. & RT.		2
45+82.2 T.S.	LT. & RT.		2
56+56 S.T.	LT. & RT.		2
72+61.2 P.C.	LT. & RT.		2
106+94.6 P.T.	LT. & RT.		2
111+10.2 P.C.	LT. & RT.	2	
128+30.2 P.T.	LT. & RT.	2	
134+37 T.S.	LT. & RT.	2	
151+63.7 S.T.	LT. & RT.	2	
156+71 P.C.	LT. & RT.	2	
170+82.7 P.T.	LT. & RT.	2	
176+34.2 P.C.	LT. & RT.	2	
215+92.5 P.T.	LT. & RT.		2
236+88.7 T.S.	LT. & RT.		2
244+68.6 S.T.	LT. & RT.		2
248+36.2 T.S.	LT. & RT.		2
254+86.2 S.T.	LT. & RT.	2	
257+00	LT. & RT.	2	
TOTALS		18	18

TIMBER GUARD POSTS & METAL PLATE
GUARD FENCE (BEAM TYPE)

STATION	SPACING	SIDE	TIMBER GUARD POSTS		METAL PLATE GUARD FENCE (BEAM TYPE)	
			24' RDWY	36' RDWY	24' RDWY	36' RDWY
45+80 TO 46+80	4° CURVE CULVERT 100'	LT.				100
45+40.5 TO 56+50		LT. & RT.		20		
55+50		LT. & RT.		2		
63+00 TO 66+00		LT. & RT.		8		
66+60 TO 110+00	0°30' CURVE 1° CURVE 2° CURVE 1° CURVE	LT. & RT.	6	54		
111+10 TO 133+70		LT. & RT.	31			
134+40 TO 151+70		LT. & RT.	36			
152+70 TO 172+00		LT. & RT.	26			
174+30 TO 220+80	0°30' CURVE 100'	LT. & RT.	15	34		
221+00 TO 236+00		LT.		6		
236+80 TO 242+40	8° CURVE 100'	RT.		16		560
236+80 TO 246+00		LT.				
248+40 TO 254+80	100'	LT. & RT.			680	160
255+00 TO 257+00		RT.	3			
TOTALS			117	140	680	820

IT IS ESTIMATED THAT MATERIAL FOR SUB-BASE MATERIAL AND SURFACING FOR THE PROJECT IS AVAILABLE IN THE VICINITY OF THE PITS INDICATED IN THE FOLLOWING TABULATIONS. ESTIMATED QUANTITIES INVOLVED IN THESE OPERATIONS ARE SHOWN BELOW:

ALTERATION OF THE SUB-BASE MATERIAL AND SURFACING PLANS HERE OUTLINED WILL BE ALLOWED ONLY ON WRITTEN PERMISSION FROM THE DEPARTMENT.

SUB-BASE MATERIAL PLAN

STATION TO STATION	SOURCE & AVAILABLE	QUANTITY CLASS I		OVERHAUL TON MILE
		THICK	TONS	
48+50 TO 50+00	PIT NO. 2 500 FT. TO STA. 50+00	4"	254	28
50+00 TO 61+50		4"	1,943	396
EST. FOR: LIST OF STRUCTURES	50,000 CU. YDS.		400	77
CORRECTING IRREGULARITIES	"R" = 74		220	42
TOTAL, 36' ROADWAY			2,817	543
108+50 TO 112+50		4"	492	610
140+50 TO 144+50		4"	492	909
161+00 TO 164+00		4"	369	621
182+00 TO 193+00		4"	1,353	3,652
EST. FOR: CORRECTING IRREGULARITIES			271	599
TOTAL, 24' ROADWAY			2,977	6,591

* SUB-BASE FOR LEVELING COURSE

PLANT MIXED ASPHALTIC SHOULDER ROLL AND EMBANKMENT PROTECTORS

ROADWAY WIDTH	STATION TO STATION	SIDE	SHOULDER ROLL	UNCLASSIFIED STRUCTUAL EXCAVATION (MISCELLANEOUS)	EMBANKMENT PROTECTORS GROUTED RUBBLE SLOPE AND DITCH PAVING
			LIN. FT.	CU. YDS.	CU. YDS.
36'	45+40 TO 47+80	RT.	240		
	45+40	RT.		9	7.65
	62+10 TO 68+50	RT.	640		
	62+10 TO 71+10	LT.	900		
	62+10	RT. AND LT.		3	2.95
	66+60	LT.		12	10.20
24'	89+00 TO 99+00	RT.	1,000		
	89+00	RT.		5	4.32
	94+10	RT.		5	3.93
	144+50 TO 154+50	LT.	1,000		
	144+50	LT.		3	2.95
	149+50	LT.		10	8.05
36'	195+00 TO 212+00	RT.	1,700		
	195+00	RT.		3	2.95
	200+00	RT.		5	3.93
	206+00	RT.		7	6.09
	218+10 TO 248+10	LT.	3,000		
	218+10	LT.		4	3.54
	223+10	LT.		11	9.03
	228+10	LT.		9	7.65
	233+10	LT.		9	7.65
	238+10	LT.		8	6.48
24'	243+10	LT.		8	7.07
	245+50 TO 250+00	RT.	450		
	245+50	RT.		7	5.69
	250+00 TO 254+85 BK.	RT.	485		
	250+50	RT.		7	5.50
	TOTAL, 24' ROADWAY		1,485	20	16.50
	TOTAL, 36' ROADWAY		7,930	105	89.33

* 1,485 LIN. FT. = 23 TONS
* 7,930 LIN. FT. = 123 TONS

SURFACING PLAN

STATION TO STATION	SOURCE & AVAILABLE	TONS		OVERHAUL TON MILE	
		PLANT MIX	BOTTOM COURSE	PLANT MIX	BOTTOM COURSE
45+40.5 TO 94+00	PIT NO. 1 300 FT. TO STA. 94+00	3,887	5,151	2,010	2,663
94+00 TO 107+00		1,040	1,378	187	248
195+00 TO 250+00		4,392	5,819	10,934	14,486
ESTIMATED FOR: APPR. TO PROJ., 45+ LIST OF STRUCTURES	100,000 CU. YDS.	140	186	142	188
SHOULDER ROLL		100	470	141	662
CORRECTING IRREGULARITIES	"R" = 84		1,097	190	1,546
TOTAL, 36' ROADWAY		9,559	14,101	13,604	19,793
CORRECTING IRREGULARITIES			666		842
107+00 TO 195+00		5,280	7,216	6,000	8,200
250+00 TO 257+00		373	510	1,144	1,565
SHOULDER ROLL				35	
ESTIMATED FOR: TRANSITION, 107+00 - 114+50		75	90	24	29
TRANSITION, 192+50 - 195+00		35	42	66	79
APPR. TO PROJ., 257+ LIST OF STRUCTURES		81	111	254	349
TRANSITION, 250+00-257+50		130	295	164	373
TOTAL, 24' ROADWAY		75	90	297	356
		6,049	9,020	7,984	11,793