

COLORADO DEPARTMENT OF HIGHWAYS

PLAN AND PROFILE OF PROPOSED FEDERAL AID PROJECT NO. F 022-1(18) STATE HIGHWAY NO. 10 MONTEZUMA COUNTY

FEDERAL ROAD REGION NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLORADO	F 022-1(18)	1	

RIGHT OF WAY
PLEASANT VIEW N & S

REVISIONS

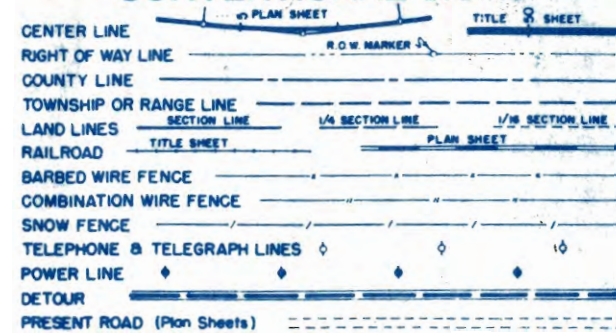
INDEX OF SHEETS

SHEET NO.

- 1 - TITLE SHEET AND SKETCH MAP
- 2,3 - TABULATION OF PROPERTIES
- 4-13 - ALIGNMENT PLAN AND PROFILE SHEETS SHOWING
RIGHT OF WAY REQUIREMENTS
- 14 - OWNERSHIP MAP

NOTE:
This project calculated and checked
by field forces.

CONVENTIONAL SIGNS

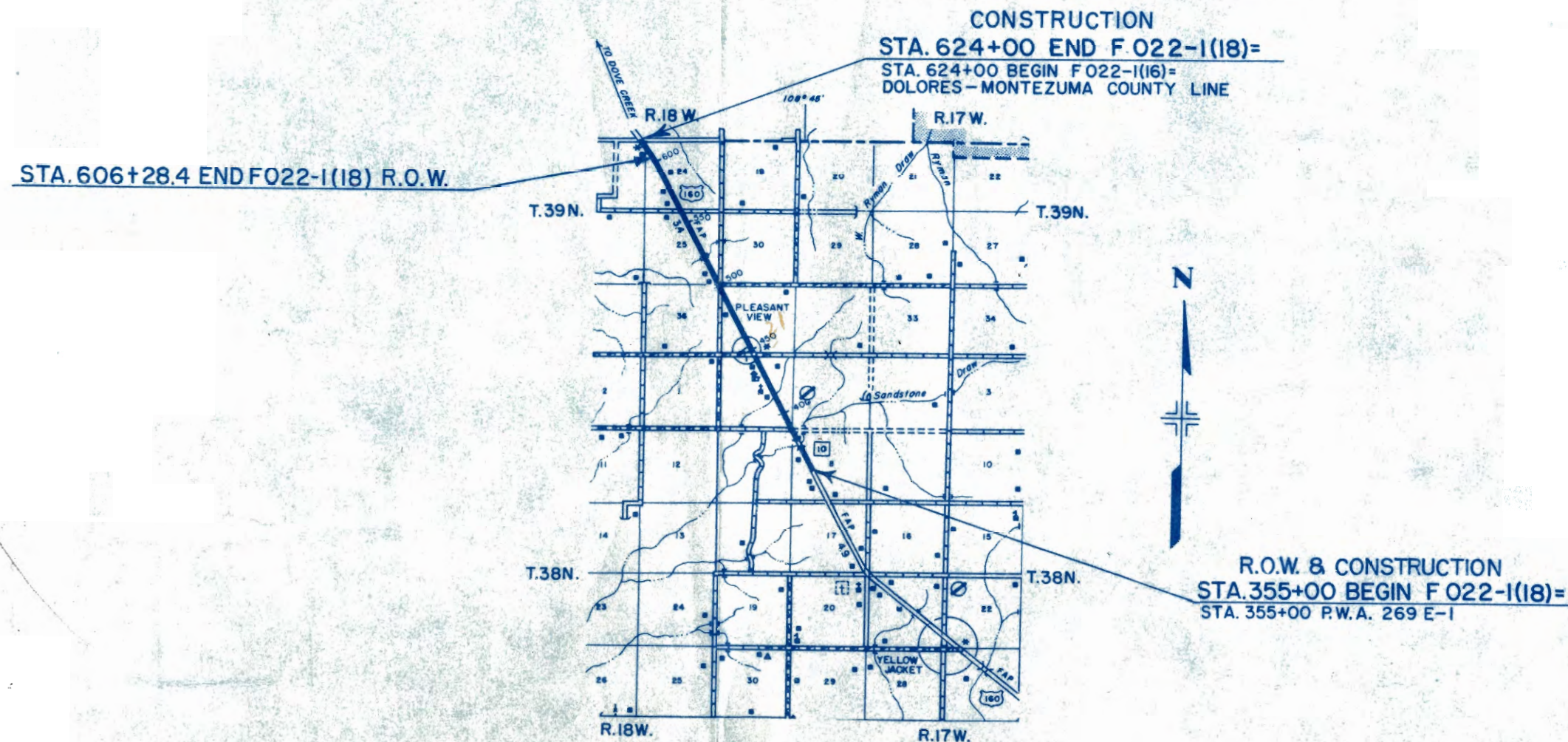


SCALES OF ORIGINAL DRAWINGS

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 26,900.0 LIN. FT. = 5.095 MILES
NET LENGTH OF PROJECT

RIGHT OF WAY



R. O. W. TABULATION OF PROPERTIES IN MONTEZUMA COUNTY S.H. No. 10 PROJ. F022-1 (18)

FEDERAL ROAD DIVISION NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLORADO	F 022 - 1 (18)	2	

RIGHT OF WAY- PLEASANT VIEW N & S

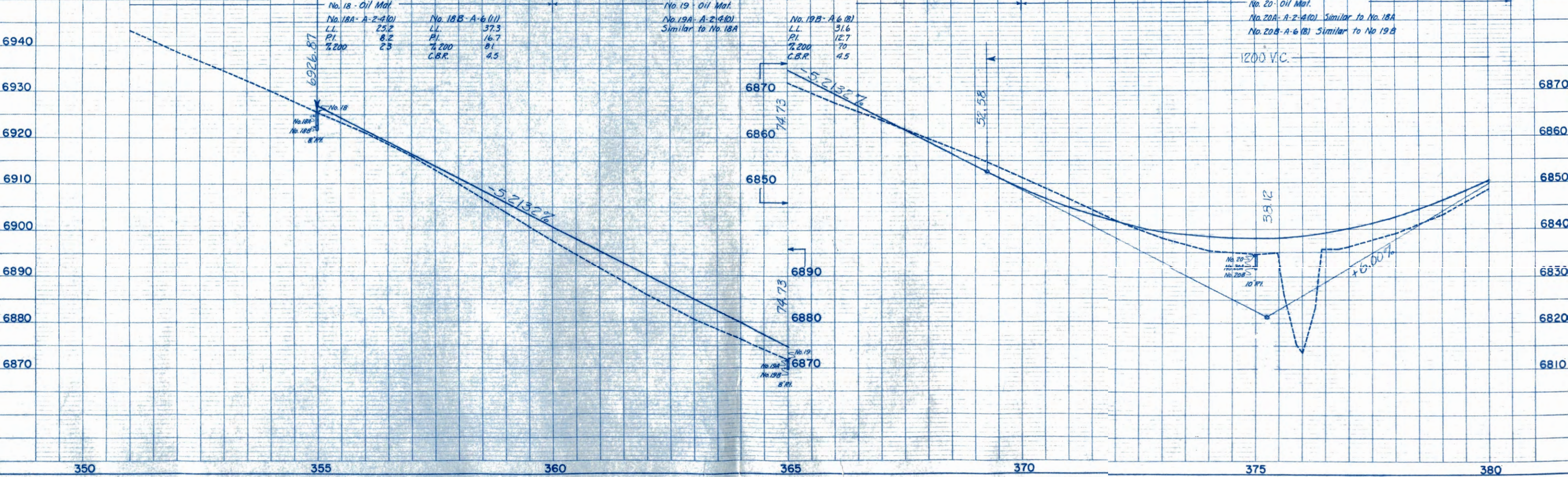
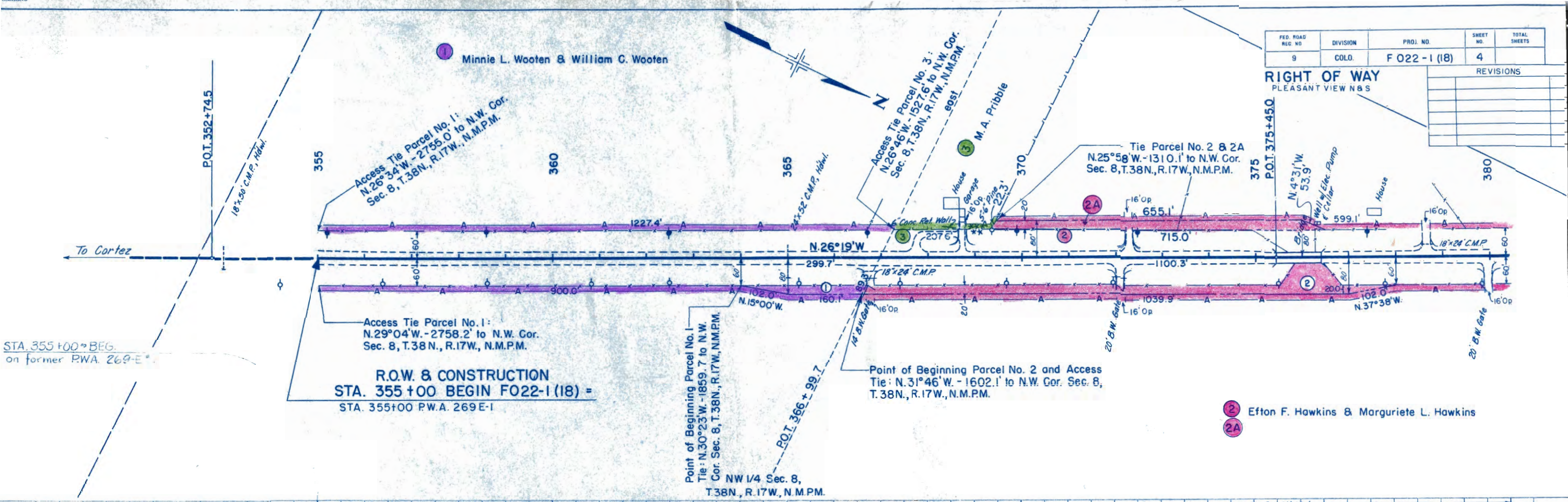
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PROJ. F 022 - I (18)

RIGHT OF WAY PLEASANT VIEW N&S[illegible]

FED. ROAD REC. NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	F 022-1 (18)	4	

RIGHT OF WAY PLEASANT VIEW N&S	
REVISIONS	



NE 1/4 Sec. 7,
T.38N.,R.17W.,N.M.P.M.

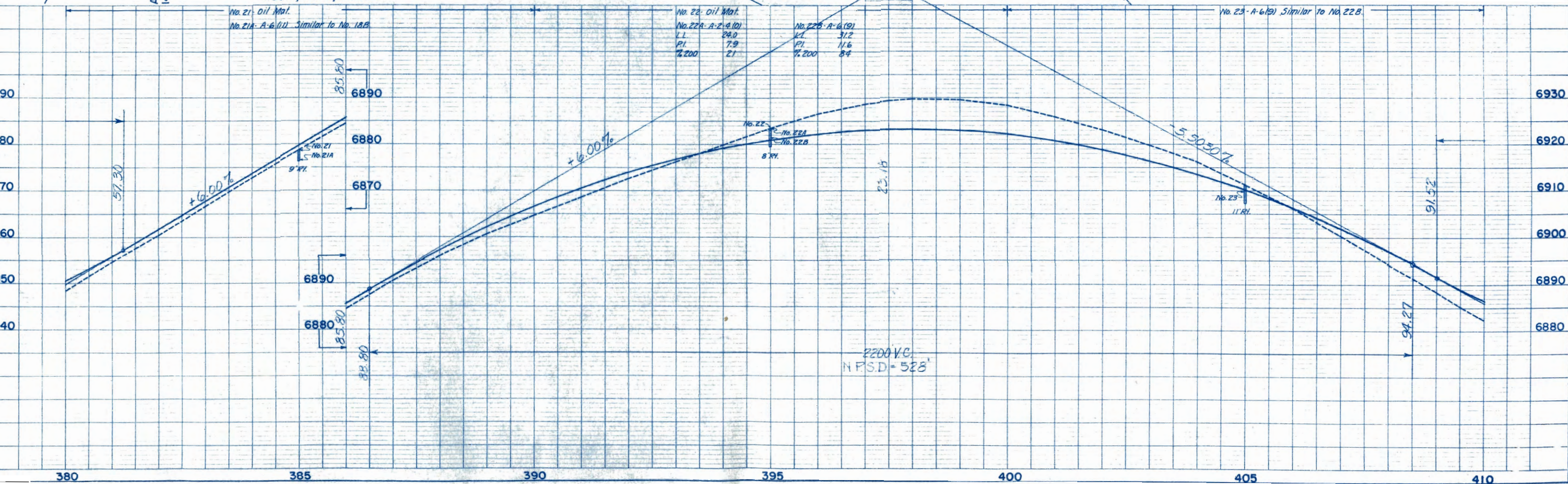
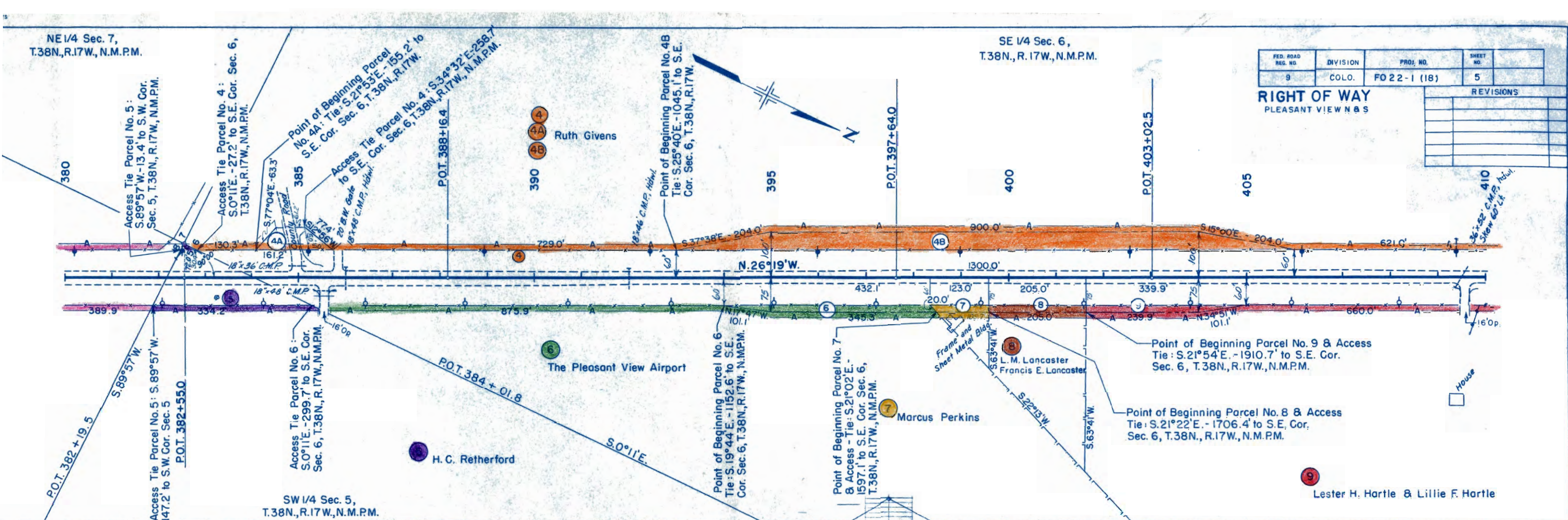
SE 1/4 Sec. 6,
T.38N.,R.17W.,N.M.P.M.

FED. ROAD REG. NO.	DIVISION	PROJ. NO.	SHEET NO.
9	COLO.	FO 22-1 (18)	5

RIGHT OF WAY
PLEASANT VIEW N & S

REVISIONS

NO.	DESCRIPTION



SE 1/4 Sec. 6,
T.38N., R.17W., N.M.P.M.

10 FANNIE TODD

FED. ROAD REG. NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	F022-1 (18)	6	

RIGHT OF WAY
PLEASANT VIEW N & S

Access Tie Parcel No. 15: N.17°57'W.-
618.4' to N1/4 Cor. Sec. 6, T.38N.,
R.17W., N.M.P.M.

Emry Retherford

Access Tie Parcel No. 14: N.21°55'W.-
1173.3' to N1/4 Cor. Sec. 6, T.38N.,
R.17W., N.M.P.M.

Access Tie Parcel No. 13:
N.21°36'W.-1093.6' to N1/4 Cor.
Sec. 6, T.38N., R.17W., N.M.P.M.

J.C. Denton

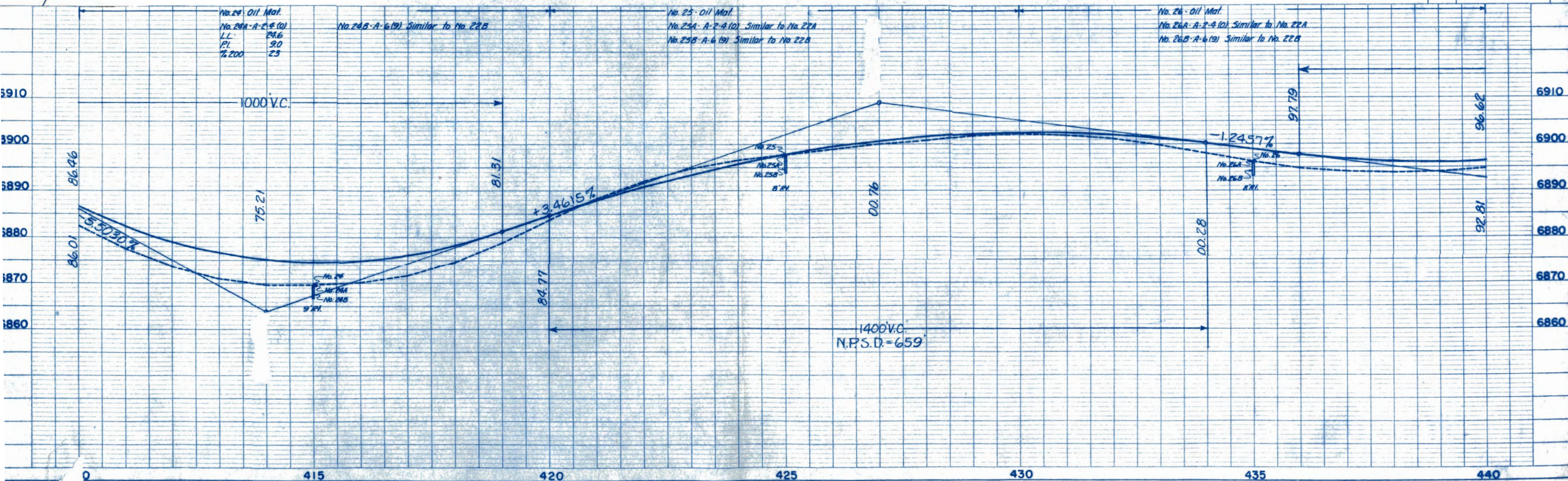
Access Tie Parcel No. 18: N.27°33'W.-1402.2'
to N1/4 Cor. Sec. 6, T.38N., R.17W., N.M.P.M.

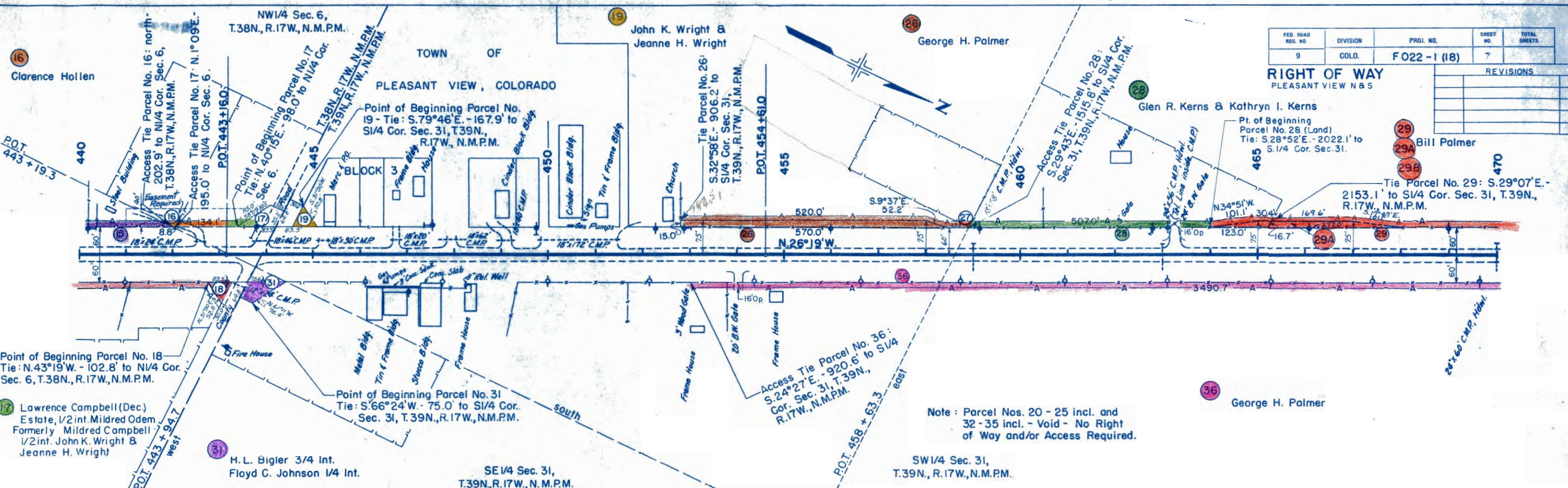
18 I. Romer

12 Fannie R. Todd

NE 1/4 Sec. 6,
T.38N., R.17W., N.M.P.M.

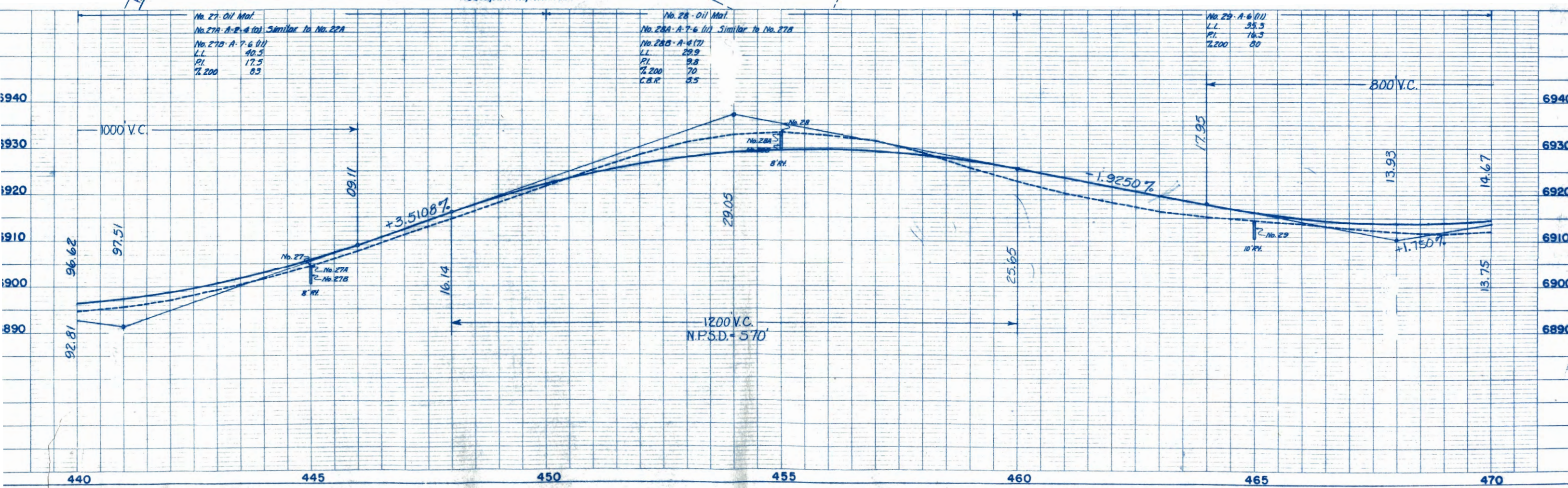
REVISIONS





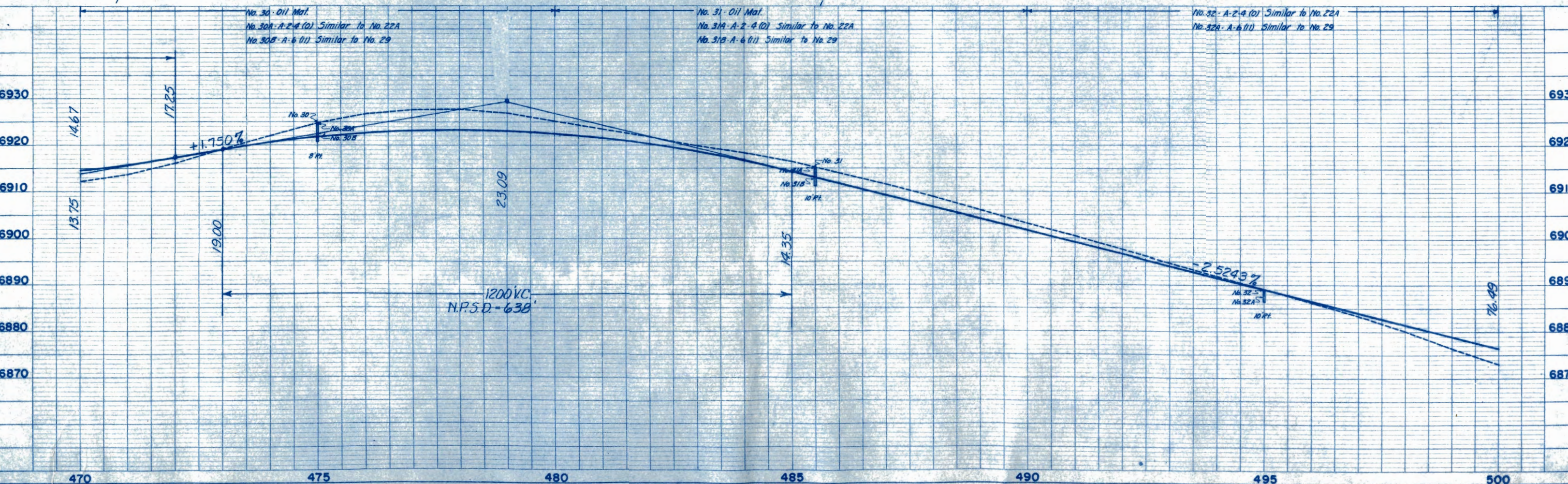
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9	COLO.	F 022 - 1 (18)	7	

REVISIONS	



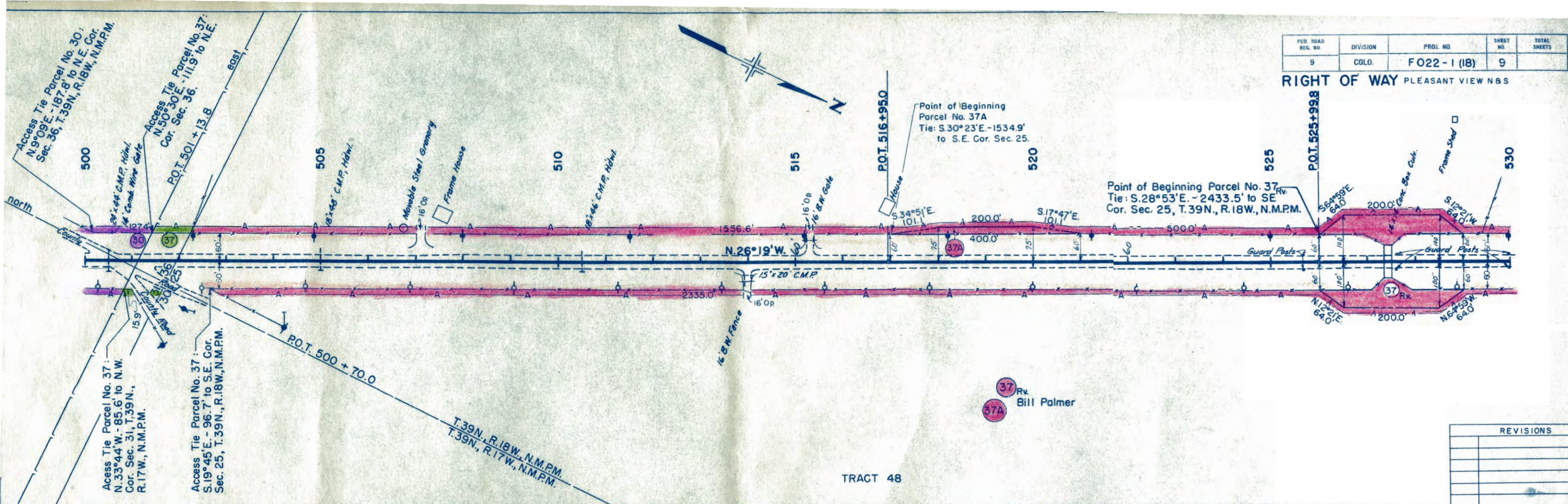
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9	COLO.	F 022 - I (18)	8	

REVISIONS	
1	Initial Design
2	Revised Design
3	Final Design

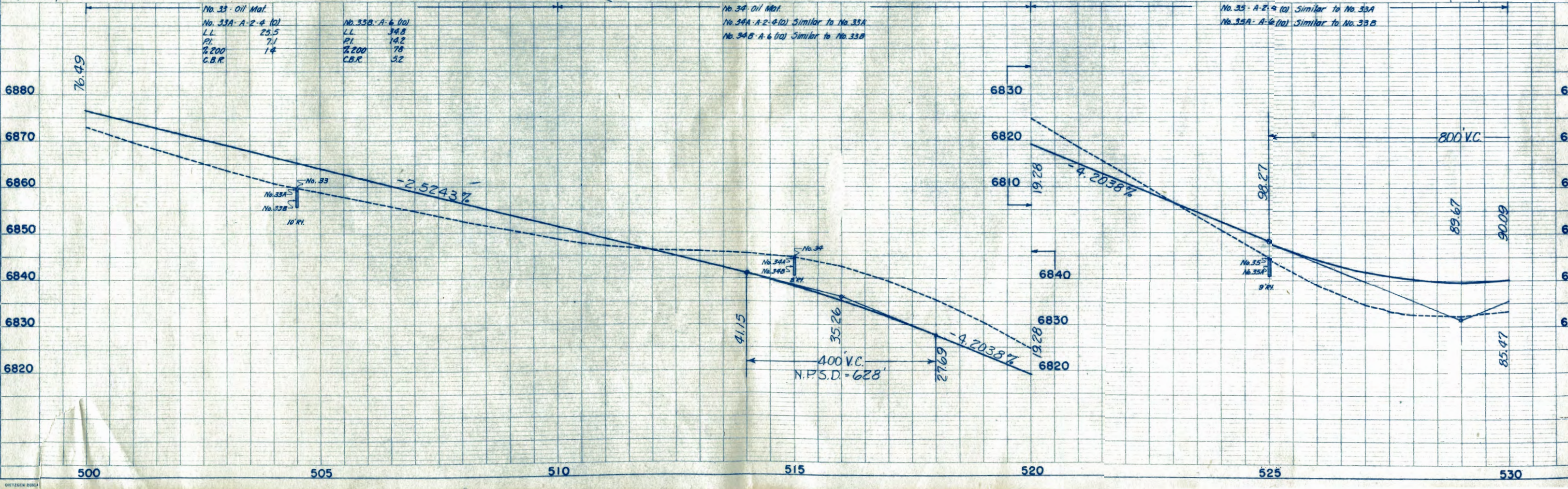


FED. ROAD REG. NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	F 022 - 1 (18)	9	

RIGHT OF WAY PLEASANT VIEW N&S



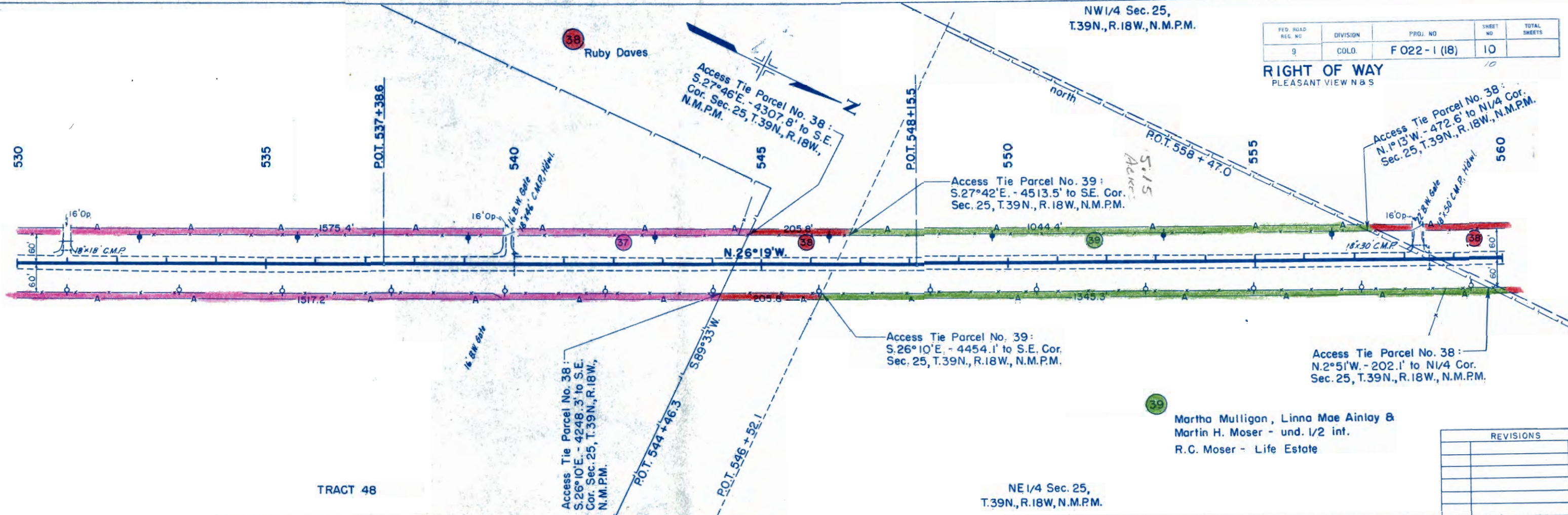
REVISIONS



NW 1/4 Sec. 25,
T.39N., R.18W., N.M.P.M.

FED. ROAD REG. NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	F 022-1 (18)	10	

RIGHT OF WAY
PLEASANT VIEW N & S

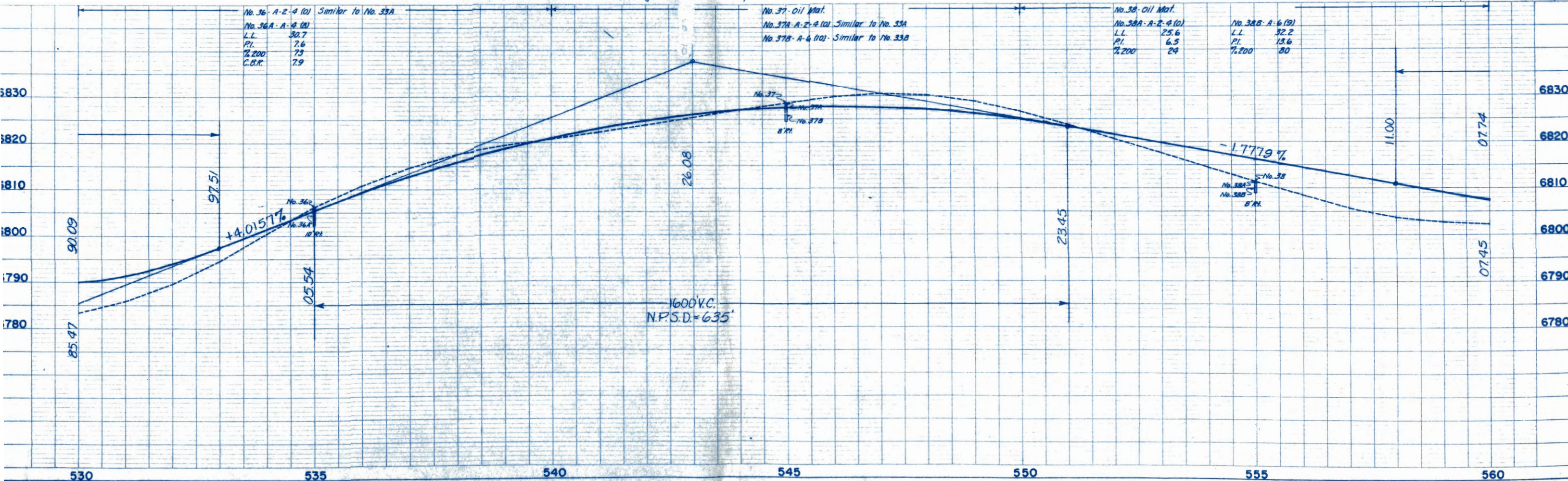


TRACT 48

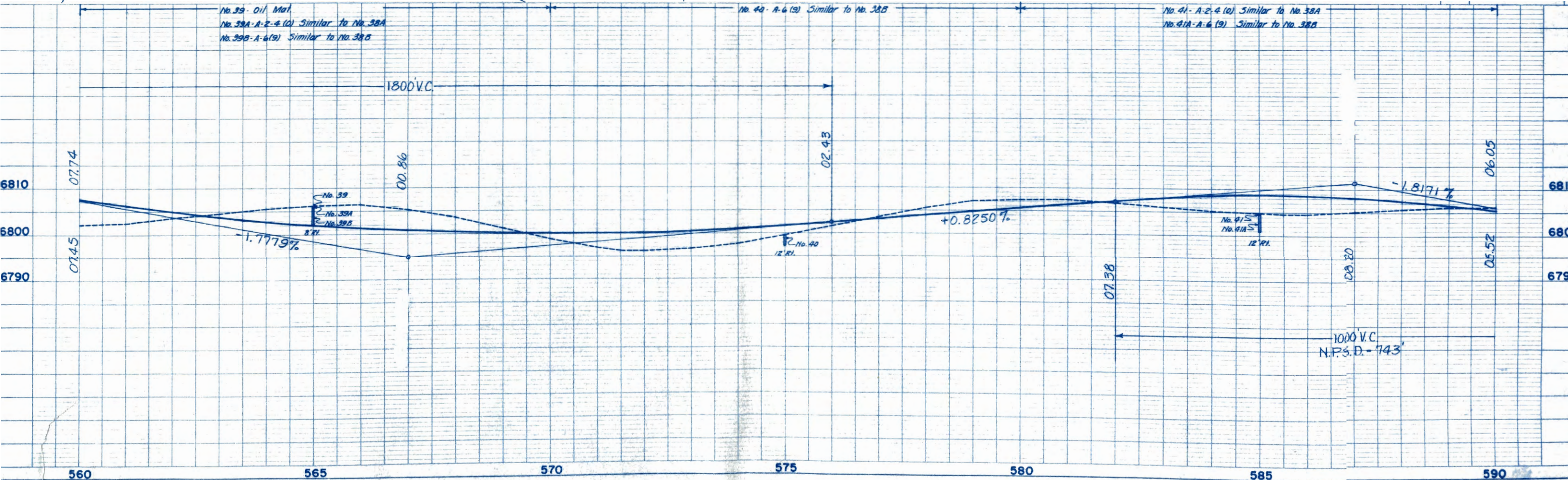
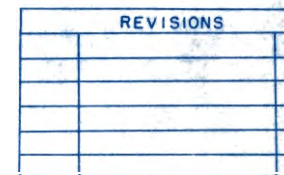
NE 1/4 Sec. 25,
T.39N., R.18W., N.M.P.M.

Martha Mulligan, Linna Mae Ainlay &
Martin H. Moser - und. 1/2 int.
R.C. Moser - Life Estate

REVISIONS

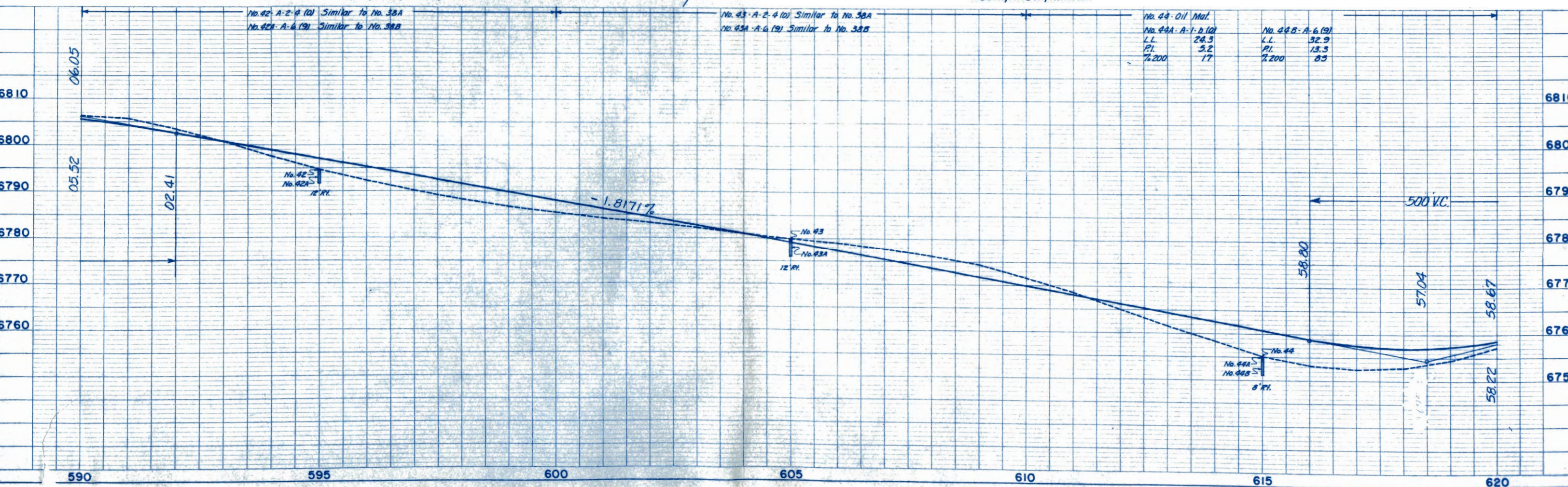
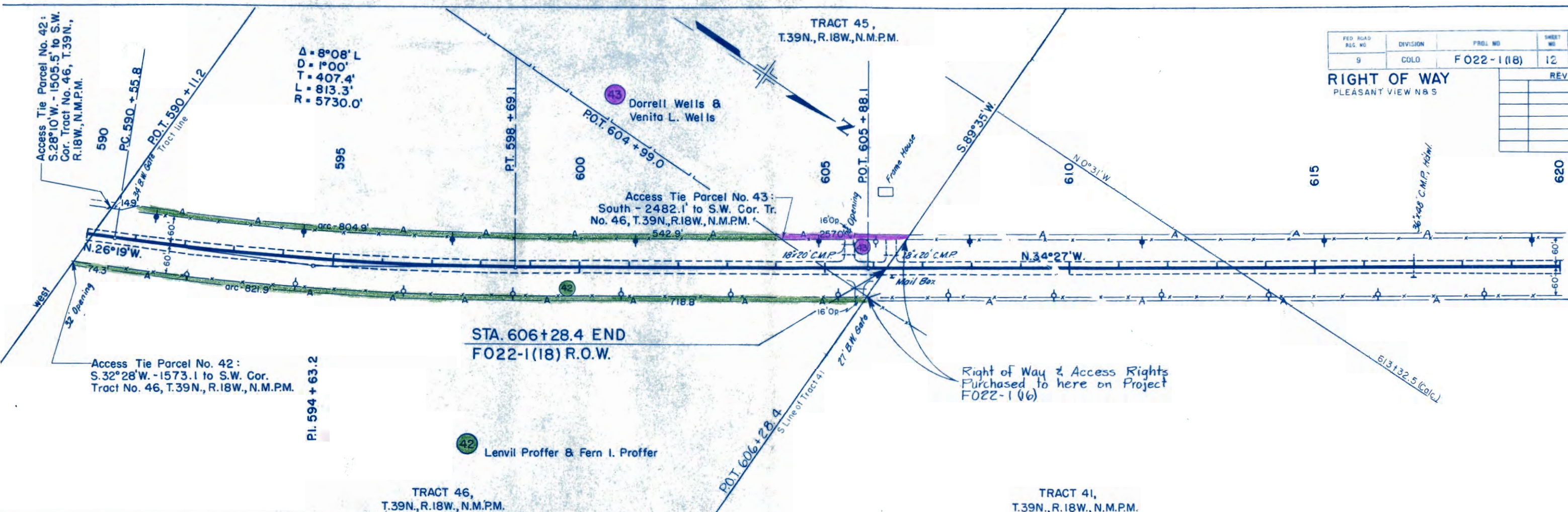


RIGHT OF WAY
PLEASANT VIEW N & S



RIGHT OF WAY
PLEASANT VIEW N&S

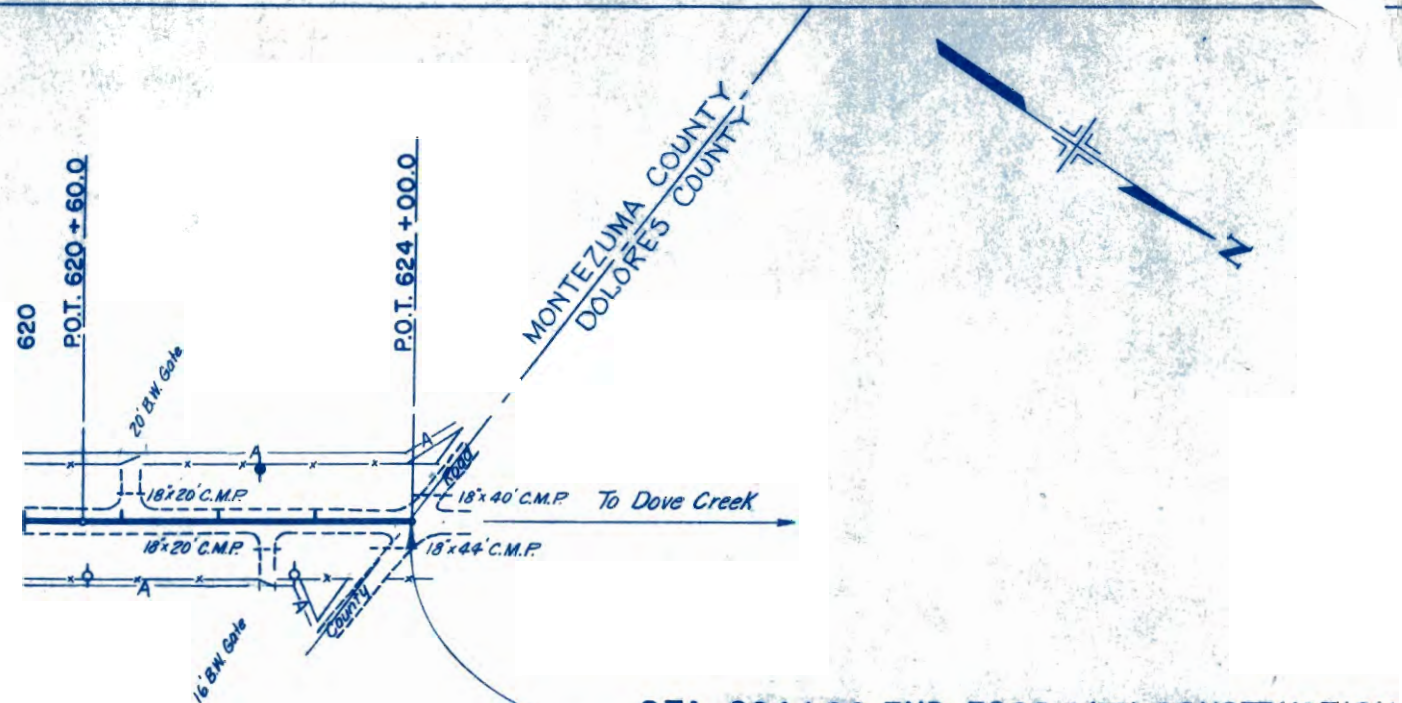
REVISIONS	



FED. ROAD REG. NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	F 022-1 (18)	13	

RIGHT OF WAY
PLEASANT VIEW N & S

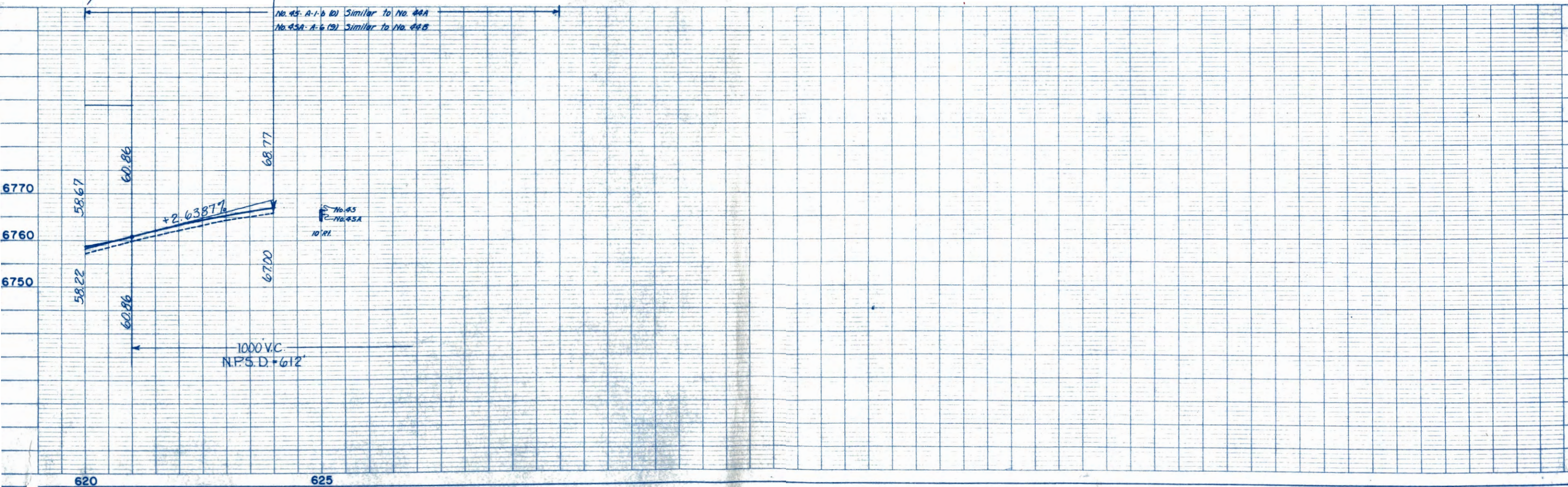
REVISIONS

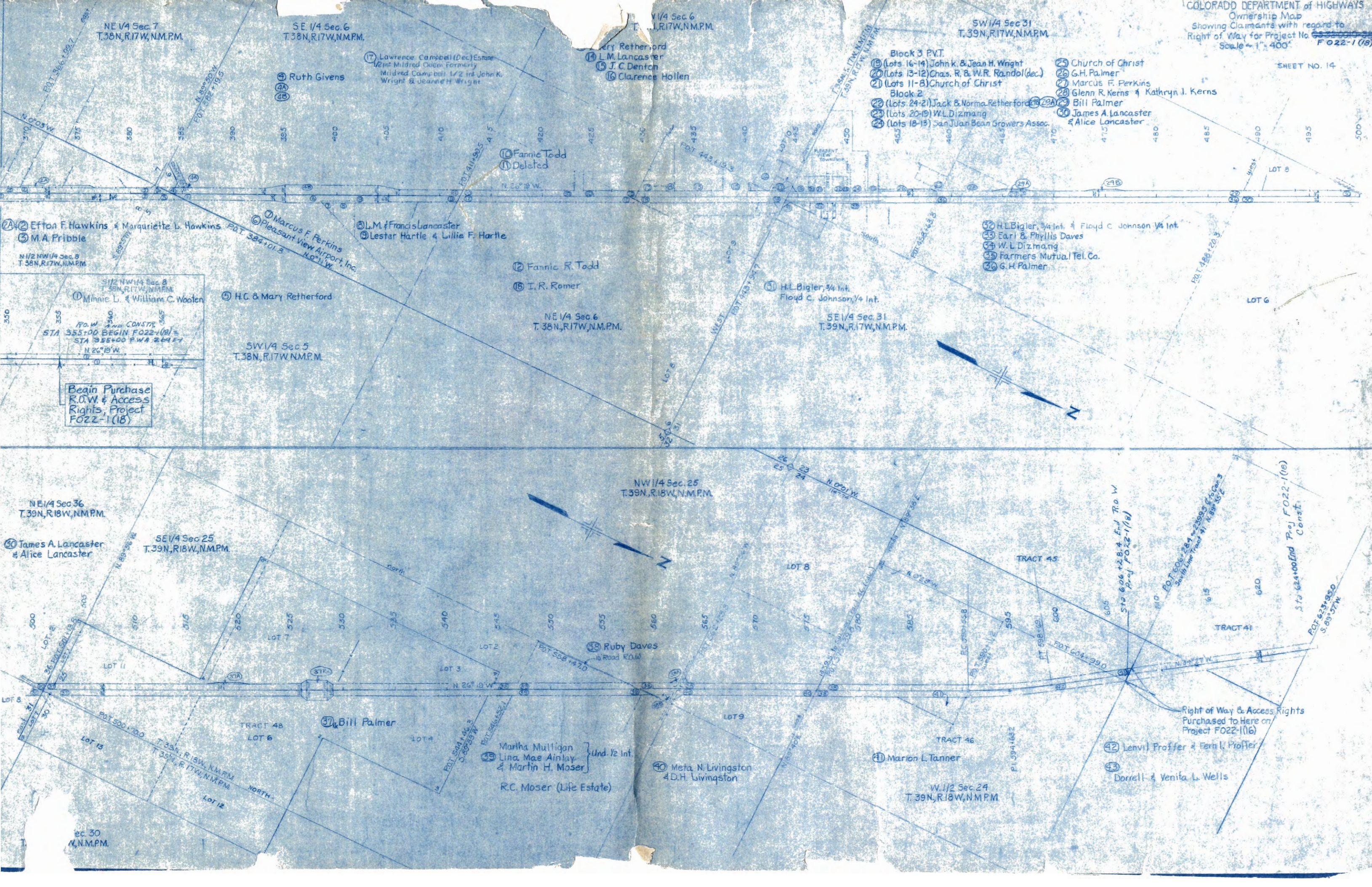


STA. 624+00 END FO22-1(18) CONSTRUCTION
STA. 624+00 BEGIN FO22-1(16)
on former P.W.A. 269E-2

P.O.T. 623+95.0
S 89° 57' W

No. 45-A-1-b (10) Similar to No. 44A
No. 45A-A-6 (9) Similar to No. 44B





FEDERAL ROAD REGION NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLORADO	F 022-1 (18)	4	

FENCING REQUIREMENTS

LOCATION	SIDE	LINEAR FEET				EACH				EACH			
		REMOVE FENCE		REMOVE AND REBUILD FENCE		BUILD FENCE		BARBED WIRE GATES		DRIVEWAY GATES		BARBED WIRE GATES	
		24' RDWY	36' RDWY	24' RDWY	36' RDWY	24' RDWY	36' RDWY	24' RDWY	36' RDWY	24' RDWY	36' RDWY	24' RDWY	36' RDWY
367+00 ~ 375+85	Rt.			920									
376+46 ~ 378+00	Rt.			180									
394+05 ~ 403+00	Rt.				905								
403+00 ~ 405+00	Rt.			200									
526+00 ~ 529+00	Rt.			300									
561+10 ~ 561+60	Rt.	50											
562+25 ~ 562+75	Rt.	100											
369+40 ~ 375+65	Lt.			720									
376+29	Lt.	50											
384+00 ~ 384+30	Lt.	30											
385+20 ~ 385+70	Lt.	50											
393+00 ~ 403+00	Lt.				1005								
403+00 ~ 406+00	Lt.			300									
452+80 ~ 458+50	Lt.				575								
464+00 ~ 468+00	Lt.				400								
473+00 ~ 477+00	Lt.				400								
517+00 ~ 521+00	Lt.			405									
526+00 ~ 529+00	Lt.			300									
561+75 ~ 562+25	Lt.	50											
562+80 ~ 563+30	Lt.	50											
561+10 ~ 561+60	Rt.				50								
562+25 ~ 562+75	Rt.				180								
384+00 ~ 384+30	Lt.				60								
385+20 ~ 385+70	Lt.				80								
561+75 ~ 562+25	Lt.				80								
562+80 ~ 563+30	Lt.				50								
Miscellaneous Fencing						1520	230	290	70	12	5	4	4
TOTALS		380		3325	3,285	2,020	230	290	70	12	5	4	4

SUMMARY OF EARTHWORK QUANTITIES

Rev 12/6/60 - RLM - Shoulder Roll, Widened Cuts

ITEM	ROADWAY			PROJECT TOTALS
	24'	36'	80'	
EXCAVATION				
FROM IBM SHEETS	53,196	54,829	2,402	110,427
WIDENED CUTS	5,264	8,027		13,291
ESTIMATED FOR OVERBREAK & SUBSIDENCE	5,846	6,206	240	12,372
LIST OF STRUCTURES AS EXCAVATION	540		145	685
LIST OF STRUCTURES AS EMBANKMENT	1,585	645	25	2,255
ESTIMATED FOR CUT SLOPE TREATMENT	781	497	42	1,320
TOTALS	67,212	70,284	2,854	140,350
EXCAVATION				
FROM IBM SHEETS	53,196	54,829	2,402	110,427
WIDENED CUTS	5,264	8,027		13,291
TOTALS	58,460	62,856	2,402	123,718 CU YDS
EXCAVATION X FACTOR (0.85)	45,217	46,605	2,041	93,863
WIDENED CUTS X FACTOR (0.85)	4,474	6,823		11,297
TOTALS	49,691	53,428	2,041	105,160 CU YDS
EMBANKMENT				
FROM IBM SHEETS	64,604	39,000	1,556	105,160 CU YDS
STATION YARD OVERHAUL				
FROM MASS DIAGRAM	419,875	242,277	612	662,764
ESTIMATED FOR OVERBREAK & SUBSIDENCE	41,988	24,228	61	66,277
ESTIMATED FOR STRUCTURE BACKFILL	3,641	1,254		4,895
TOTALS	465,504	267,759	673	733,936 STA YDS
YARD MILE OVERHAUL				
FROM MASS DIAGRAM	5,660	1,191		6,851
ESTIMATED FOR OVERBREAK & SUBSIDENCE	566	119		685
ESTIMATED FOR STRUCTURE BACKFILL	490	103		593
TOTALS	6,696	1,413		8,109 YD. MI.
COMPACTION				
TOTAL UNCLASSIFIED EXCAVATION	67,212	70,284	2,854	140,350
BASE OF CUTS & FILLS	34,369	30,372	3,167	67,908
TOTALS	101,581	100,656	6,021	208,258 CU YDS

TIMBER GUARD POSTS

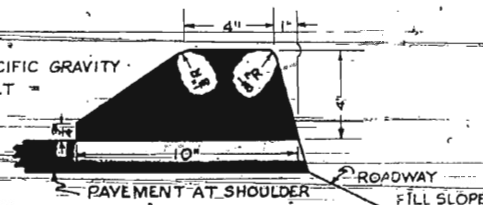
LOCATION	SIDE	SPACING	NUMBER		REMOVE
			24' RDWY	36' RDWY	
373+50 ~ 375+50	Lt.	100'	3		
374+83	Lt.	Culvert	2		
375+90	Lt. & Rt.				16
376+50 ~ 378+50	Lt. & Rt.	100'	6		
392+00		Culvert		2	
415+00 ~ 417+00	Lt.	100'	3		
417+00	Rt.		1		
423+45	Lt.	6'	8		
426+00 ~ 428+00	Lt.	100'	3		
443+		Culvert	2		
459+00 ~ 463+00	Rt.	100'		5	
470+00 ~ 471+00	Rt.	100'		2	
500+50		Culvert		2	
503+00 ~ 506+00	Lt.	100'		4	
525+69	Lt. & Rt.				2
526+50 ~ 530+50	Lt. & Rt.	100'	10		
527+61	Lt. & Rt.				2
529+98	Lt. & Rt.				2
540+00		Culvert	2		
576+00		Culvert	2		
TOTALS			42	15	22

ASPHALTIC SHOULDER ROLL

LOCATION	SIDE	CURB CUT - LIN. FT.		LINEAR FEET	
		24' RDWY	80' RDWY	24' RDWY	80' RDWY
363+00 ~ 377+00	Lt.			1,400	
367+	Lt.	56			
368+75	Lt.	56			
372+30	Lt.	56			
363+00 ~ 384+00	Rt.			2,100	
366+77	Rt.	56			
372+10	Rt.	56			
380+00	Rt.	56			
526+00 ~ 529+00	Lt.			300	
526+00 ~ 531+00	Rt.			500	
TOTALS		336		4,300	
NET TOTALS				3,964	
TONS				61 Tons	

DETAIL OF ASPHALTIC SHOULDER ROLL

NOTE:
0.647 X SPECIFIC GRAVITY
OF ASPHALT
= TONS PER
STATION



R.O.W. MARKERS

LOCATION	SIDE	NUMBER	
		24' RDWY	36' RDWY
364+00	Rt.	1	
377+00	Lt.	1	
390+00	Rt.		1
403+00	Lt.	1	
417+00	Rt.	1	
429+00	Lt.	1	
443+00	Rt.	1	
456+00	Lt.		1
472+00	Rt.		1
485+00	Lt.		1
498+00	Rt.		1
511+00	Lt.		1
524+00	Rt.	1	
538+00	Lt.	1	
551+00	Rt.	1	
564+00	Lt.	1	
577+00	Rt.	1	
590+56	Lt. & Rt.		2
598+69	Lt. & Rt.		2
609+00	Rt.		1
622+00	Lt.		1
TOTALS		11	12

UNCLASSIFIED DITCH EXCAVATION

(INTERCEPTING DITCHES)

LOCATION	SIDE	CUBIC YARDS	
		24' RDWY	36' RDWY
367+00 ~ 372+00	Rt.	90	
380+00 ~ 389+00	Lt.	162	
394+00 ~ 403+00	Lt.		762
395+00 ~ 402+00	Rt.		126
403+00 ~ 408+00	Lt.	90	
419+00 ~ 424+00	Lt.	90	
464+00 ~ 469+00	Lt.		90
474+00 ~ 498+00	Lt.		432
489+00 ~ 498+00	Rt.		126
512+00 ~ 515+00	Rt.	54	
518+00 ~ 523+00	Lt.	90	
534+00 ~ 551+00	Lt.	306	
562+00 ~ 569+00	Rt.	126	
567+00 ~ 569+00	Lt.	36	
572+00 ~ 583+00	Rt.	108	
589+00 ~ 593+00	Rt.		72
591+00 ~ 593+00	Lt.		36
603+00 ~ 611+00	Rt.		144
From List of Structures		114	19
TOTALS		1,266	1,207