Cons. ROW File

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	F009-1(1)	1	

RIGHT OF WAY

INDEX OF SHEETS

SHEET NO. 1 TITLE SHEET
2 TABULATION OF PROPERTIES
3-10 PLAN AND PROFILE SHEETS SHOWING RIGHT OF WAY
11-12 OWNERSHIP MAP

COLORADO
STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED
FEDERAL AID PROJECT NO. F 009-1 (1)
STATE HIGHWAY NO. 113
LOGAN COUNTY

CONVENTIONAL SIGNS

Title Sheet

CENTER LINE
RIGHT OF WAY LINE
STATE LINE
TOWNSHIP OR RANGE LINE
SECTION LINE
QUARTER SECTION LINE
BARBED WIRE FENCE
WOVEN WIRE COMB. FENCE
BOARD FENCE
TELEPH. & TELEG. LINE
POWER LINE
PRESENT ROAD (Plan Sheets)

— FILE —

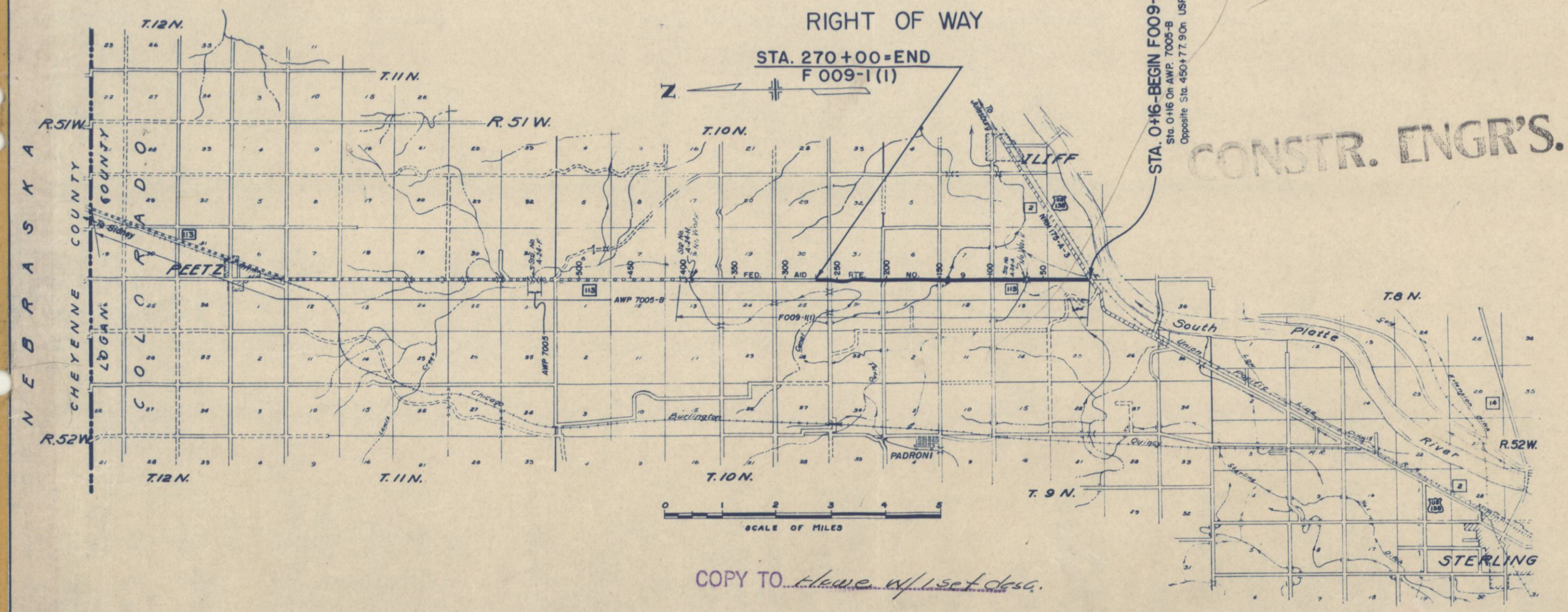
Cons. ROW File

JAN 1951
Constr. Dist.
1-B
S.H.D.

SCALES OF ORIGINAL TRACINGS
ON PLAN, 1 IN. = 100 FT.
ON PROFILE 1 IN. = 100 FT. HORIZONTAL
1 IN. = 10 FT. VERTICAL

GROSS LENGTH OF PROJECT 40,284.0 FT. = 7.630 MI.
NET LENGTH OF PROJECT 40,194.6 FT. = 7.613 MI.

CONSTR. ENGR'S. COPY



COPY TO Howe w/1 set desc.

R.O.W. TABULATION OF PROPERTIES IN LOGAN COUNTY S.H. No. 113 PROJ. F 009-1(1)

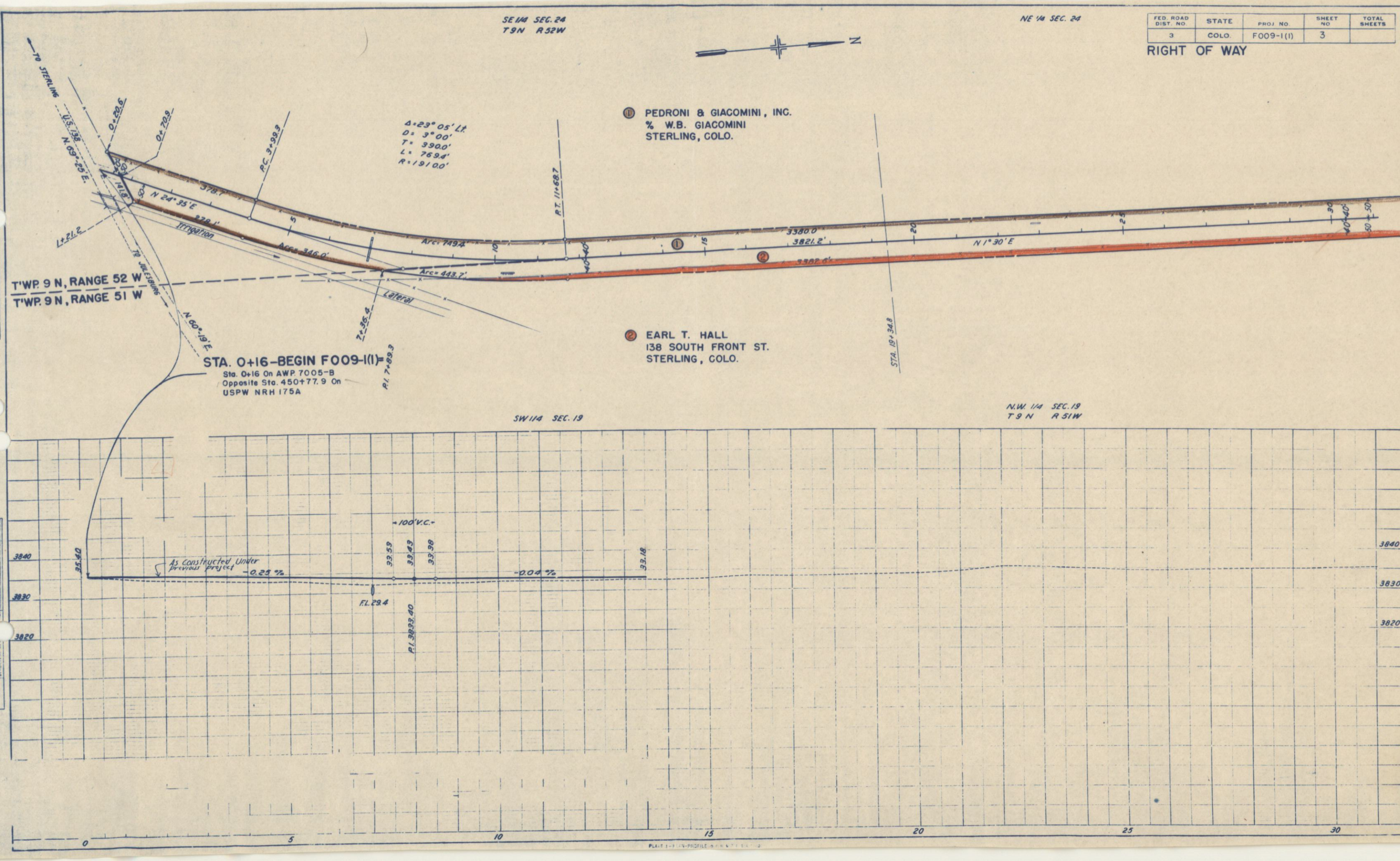
FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	F009-1(1)	2	

RIGHT OF WAY Rev. 1-15-51 T.L.K. Rev. 5-1-51 JDM

PARCEL NO.	OWNER	ADDRESS	LOCATION	AREA IN ACRES: TOTAL LAND IN TRACT	PARCEL	TO BE ACQUIRED					REMARKS	NO.
			T. 9 N. R. 52 W.									
1	PEDRONI AND GIACOMINI INC.	%W.B.GIACOMINI, STERLING, COLO.	E.1/2 SEC. 24	320±	6.064	1.183						
			T. 9 N. R. 51 W.									
2	EARL T. HALL	138 S. FRONT ST., STELING, COLO.	W.1/2 SEC. 19	320±	4.219	1.221						
3	VOID											
4 REV	PEDRONI AND GIACOMINI INC.	%W.B.GIACOMINI, STERLING, COLO.	W.1/2 SEC. 18	320±	6.330	1.445						
5	VOID											
6	ELLSWORTH M. ELIASON	422 N. 4TH ST., STERLING, COLO.	W.1/2 SEC. 7	320±	5.995	1.184						
7	VOID											
8	VOID											
9	THOMAS F. DOLAN	ILIFF, COLO.	S.W.1/4 SEC. 6	160±	3.110	0.614						
10	VOID											
11	CHARLES W. PILKINGTON AND IRENE PILKINGTON	ROUTE I, ILIFF, COLO.	S.1/2 N.W. 1/4 SEC. 6	80±	1.573	0.315						
12	ALBERT A. HAMILTON & NELLIE C. HAMILTON	6591 KINGMAN, BUENA PARK, CALIF.	N.1/2 N.W. 1/4 SEC. 6	80±	1.666	0.412						
			T. 10 N. R. 52 W.									
13	STATE OF COLORADO	DENVER, COLORADO	S.E. 1/4 SEC. 36	160±	0.702	0.631						
			T. 10 N. R. 51 W.									
14 Rev.	STANLEY STUART SIEVERS	314 SWEET BRIAR LANE, HOPKINS, MINN.	S.1/2 S.W. 1/4 SEC. 31	80±	3.359	0.148						
15	STEPHEN BREIDENBACH	ROUTE I, ILIFF, COLO.	W.1/2 SEC. 31	320±	14.546	4.414						
			T. 10 N. R. 52 W.									
16	STATE OF COLORADO	DENVER, COLORADO	N.E. 1/4 SEC. 36	160±	1.233	0.069						
17	GEORGE HOFMANN	224 S. 2ND ST., STERLING, COLO.	E.1/2 E.1/2 SEC. 25	160±	6.584	1.174						
			T. 10 N. R. 51 W.									
18	ADAM GERTGE & FRANCES GERTGE	228 TAYLOR ST., STERLING, COLO.	W 1/2 SEC 30		8.382	0.172					Not purchased	
19	VOID											
20	VOID											
21	VOID											
22	VOID											
23	VOID											
24	VOID											
25	VOID											
26	VOID											

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	F009-1(1)	3	

RIGHT OF WAY



PLAN
SURVEYED
PLOTTED
NOTE BOOK ALIGNMENT CH. CHKD.
NO. 2236 PT. OF INT. CHECKED

PROFILE
SURVEYED
PLOTTED
NOTE BOOK GRADES CHECKED
NO. 7237 B.M. NOTED
GRADE PT. OF INT.

FED. ROAD DIV. NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	F009-1(1)	3	

Rev. for W.O. Ext. 8-27-51-J.C.R.

SURFACING PLAN

It is estimated that material for Gravel Surfacing for the project is available in the vicinity of the pit indicated in the following tabulation. Estimated quantities involved in this operation are shown below.

Alteration of the Surfacing Plan as here outlined will be allowed only on written permission from the Department.

MATERIAL TO BE PLACED	SOURCE	AVAILABLE	QUANTITY TONS USED GRADING "D" 2" SHOULDER COURSE	2" TOP COURSE	4" BOTTOM COURSE	OVERHAUL TON MILE
0+16 to 67+60	PIT #2 7,696' To Sta. 270+00 S.W.¼, Sec. 24 T.10N. R.52.W. M.Glassburn	45,000 TONS	540	1686	3710	29,375
67+84.5 to 150+00			658	2054	4519	25,506
150+11 to 270+00			968	3023	6649	17,050
Estimate for Widening				48	94	502
Estimate for Approaches to Project			34	95	212	1453
Estimate for Road Approaches					590	1735
TOTAL			2,200	6,906	15,774	75,621
W.O. EXTENSION	Same		185	575	1,265	438
PROJECT TOTALS			2,385	7,481	17,039	76,059

W.O. EXTENSION (SEL. BORROW)

270+00 to 293+00	PIT #4	-	9"	2,970	32,670	12,593
Project Totals	-	-	-	51,572	567,290	289,108

SELECTED BORROW MATERIAL

It is estimated that Selected Borrow for the project is available in the vicinity of the pits indicated in the following tabulation. Estimated quantities involved in this operation are shown below.

Alteration of the Sel. Bor. plan as here outlined will be allowed only on written permission from the Department.

MATERIAL TO BE PLACED	SOURCE	QUANTITY AVAILABLE	SEL. BORROW THICKNESS	CU. YDS.	OVERHAUL STA. YDS.	YD. MILES
0+16 to 11+00	PIT #1-6864 Ft. to Sta. 98+50 NW¼, Sec. 17, T.9 N, R51W. (G.T.Matthews)	6000 TONS	*16"	2363	25993	6514
11+00 to 50+00		45000 TONS	*16"	8502	93522	48542
50+00 to 59+00			8"	909	9999	4777
59+00 to 61+00	PIT #2-7696 Ft. to Sta. 270+00 SW¼, Sec. 24, T 10 N, R 52 W. (M.Glassburn)		*16"	436	4796	2246
61+00 to 67+60			*16"	1439	15829	10178
67+84.5 to 70+00			*16"	470	5170	3283
70+00 to 79+00	PIT #3-18276 Ft. to Sta. 270+00 N½, Sec. 23, T10N, R52W. (M.Glassburn)	45,000 TONS	8"	909	9999	6254
79+00 to 140+00			*16"	13298	146278	82674
140+00 to 150+00			*7"	880	9680	4879
150+11 to 160+00			*7"	958	10538	5120
160+00 to 170+00			*16"	2180	23980	11220
170+00 to 190+00			*7"	1760	19360	8559
190+00 to 210+00	PIT #4-28825 Ft. to Sta. 270+00 E½ Sec. 36, T11N, R52W. (State of Colo.)	80,000 TONS	*7"	1760	19360	11408
210+00 to 254+00			*8"	4444	48884	26113
254+00 to 270+00			9"	1840	20240	9766
Approaches to Project & Road Approaches			△16"	2000	22000	9432
Estimate for Widening				239	2629	1397
10% for Irregularities				4215	46363	24153
(Continued at Top of Page)						

*Based on Curve "D" Design #12 ⊗ 3" of Stabilization is allowed for old oil mat. Change in the various thickness of Selected Borrow shall take place over a 300 ft. distance, except in sections where grading is required.
△ Applies only to Intersection S.H.2 & S.H.113

R.O.W. MARKERS

STATION	SIDE	NO.
3+00	Lt. & Rt.	2
29+00	Lt. & Rt.	2
50+00	Lt.	1
51+00	Rt.	1
57+00	Rt	1
74+00	Lt. & Rt.	2
101+50	Lt. & Rt.	2
134+00	Lt. & Rt.	2
161+00	Lt. & Rt.	2
186+00	Lt. & Rt.	2
251+00	Lt.	1
258+00	Lt. & Rt.	2
TOTAL		20

TABULATION OF LENGTH & DESIGN

STATION	ROADWAY LIN. FT.	BRIDGES NO WORK LIN. FT.	LOADING
0+16.0 Begin F009-1(1) 16 Ft. North of 0+00 Begin A.W.P. 7005-B and opposite Sta. 450+77.9 on NRH 175-A*3	6,744		
67+60 Bridge End			
67+84.5 Bridge End	8,315.5	24.5	
151+00 Bk. } Equation 150+00 Ah.	12,000		
270+00-End F009-1(1) = Sta. 270+00 on A.W.P. 7005-B			
TOTAL	27,059.5	24.5	

SUMMARY	LIN. FT.	MILES
Total F009-1(1) Roadway (Net)	27,059.5	5.125
Total F009-1(1) No Work (Bridges)	24.5	.005
Total F009-1(1) (Gross)	27,084.0	5.130
W.O. Extension	2,300.0	0.435
F009-1(1) (Net)	29,359.5	5.560
F009-1(1) (Gross)	29,384.0	5.565

DESIGN DATA	
Maximum Degree of Curve	3°00'
Maximum Grade	5.2 %
Maximum N.P.S.D.-horizontal	830
Maximum N.P.S.D.-Vertical	385
Maximum Design Speed	45

GUARD POSTS

STATION	SIDE	SPACING	NO.	REMOVE
66+96 - 67+57	Rt. & Lt.	Bridge	10	10
67+87.5 - 68+48.5	Rt. & Lt.	Bridge	10	10
85+00	Rt. & Lt.	Culv.	2	
149+36 - 149+97	Rt. & Lt.	Bridge	10	10
150+14 - 150+75	Rt. & Lt.	Bridge	10	10
TOTAL			42	40

FENCING REQUIREMENTS

STATION	SIDE	REMOVE FENCE LIN. FT.		BUILD* B.W. FENCE LIN. FT.		GATES NO. BARB WIRE	
50+00 to 58+00	Rt.	800		820			
51+90 to 52+62	Lt.	72		85			
52+84	Lt.					1	
53+00	Rt.					1	
TOTAL		872'		905		2	

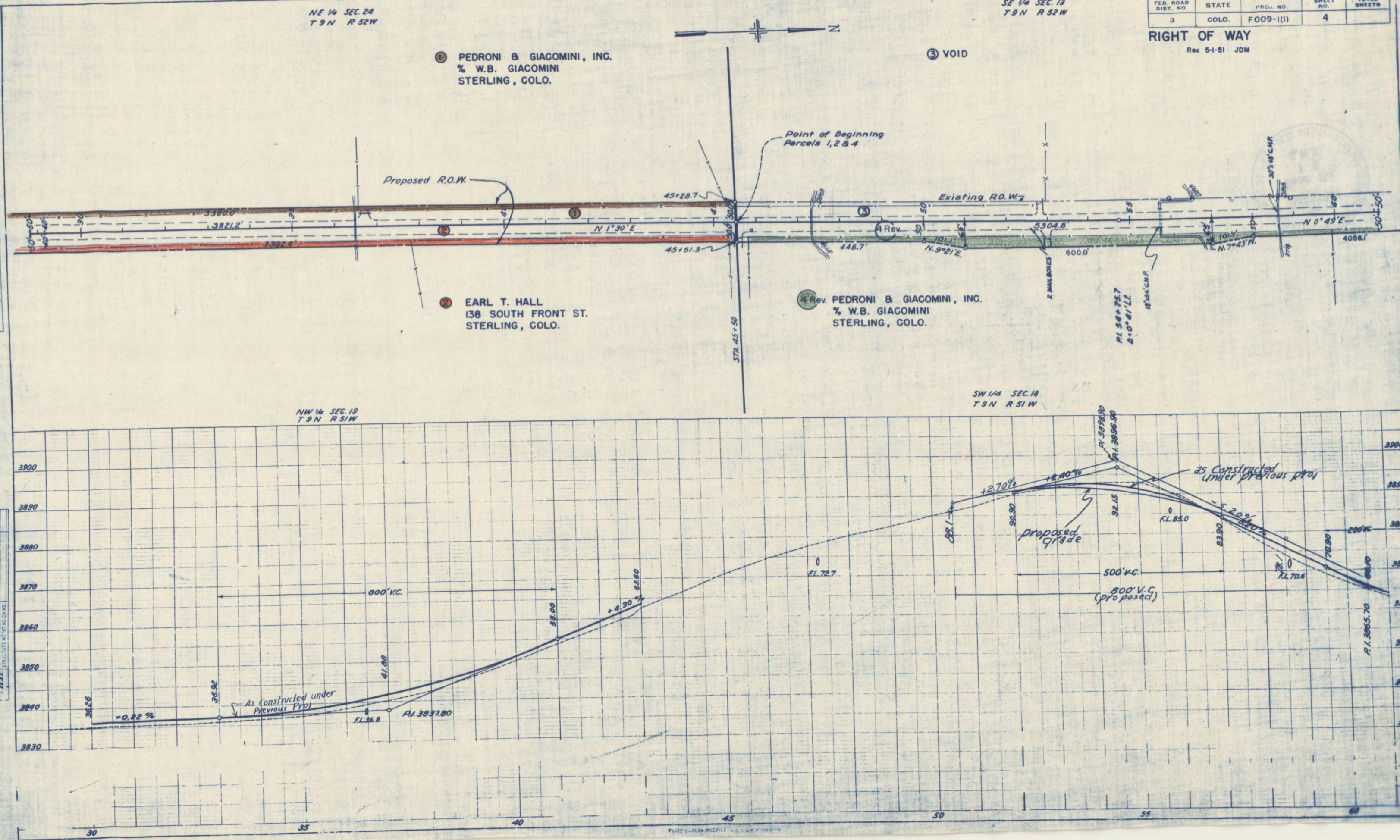
*5 Date Nails Required (State Forces).

AUG 1951
Constr. Dist. 1 - B
S. H. D.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	F009-1(1)	4	

RIGHT OF WAY

Rev. 5-1-51 JDM



PLAN
DESIGNED
PLOTTED
NOTE BOOK FLOWNET CHECKED
NO. 2236 JT. OF N.W. CHECKED

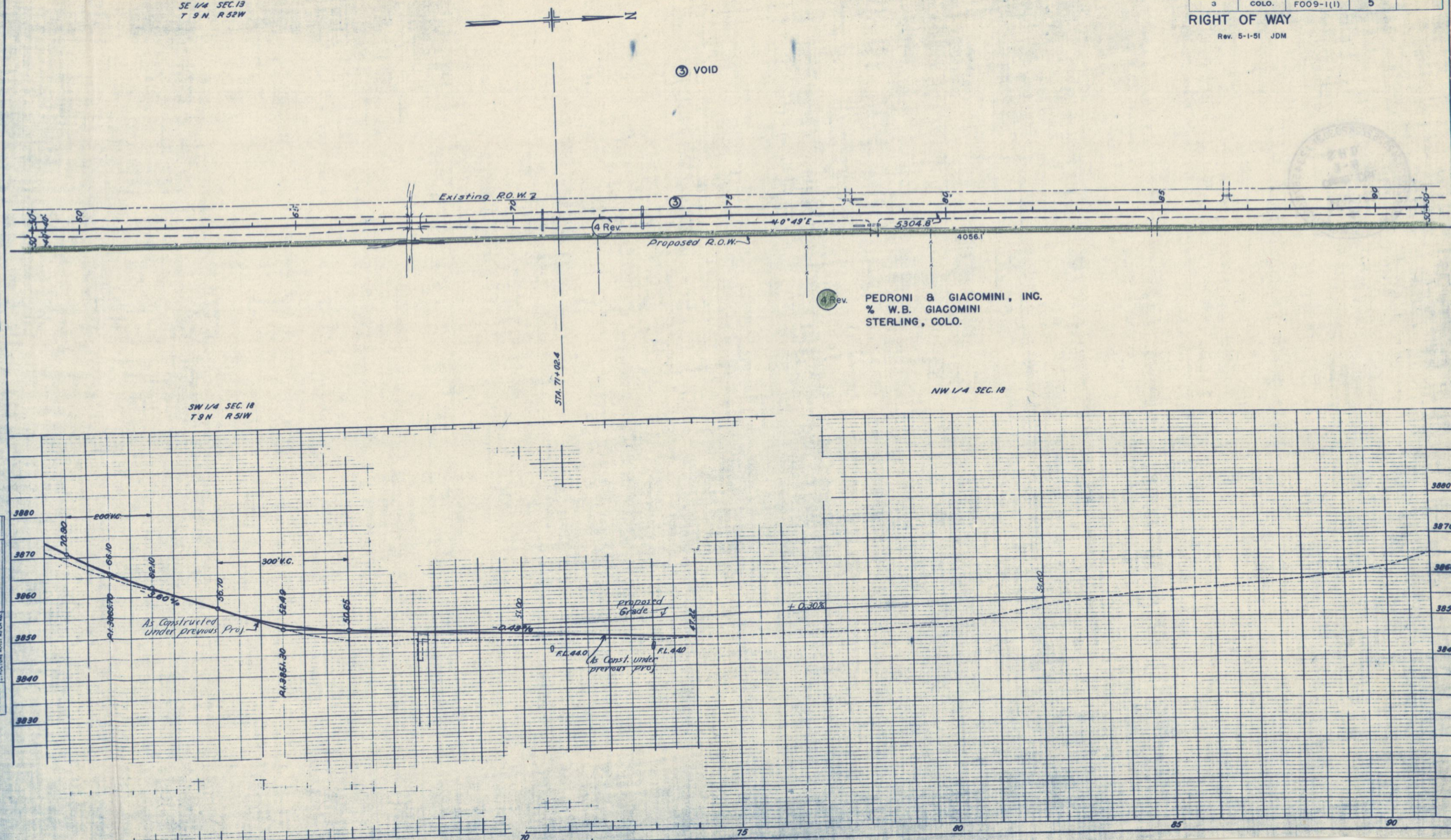
PROFILE
DESIGNED
PLOTTED
NOTE BOOK FLOWNET CHECKED
NO. 7237 STRUCTURE NOTE NO. CH NO.

PLATE 1 - PLAN-PROFILE

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	F009-1(1)	5	

RIGHT OF WAY

Rev. 5-1-51 JDM



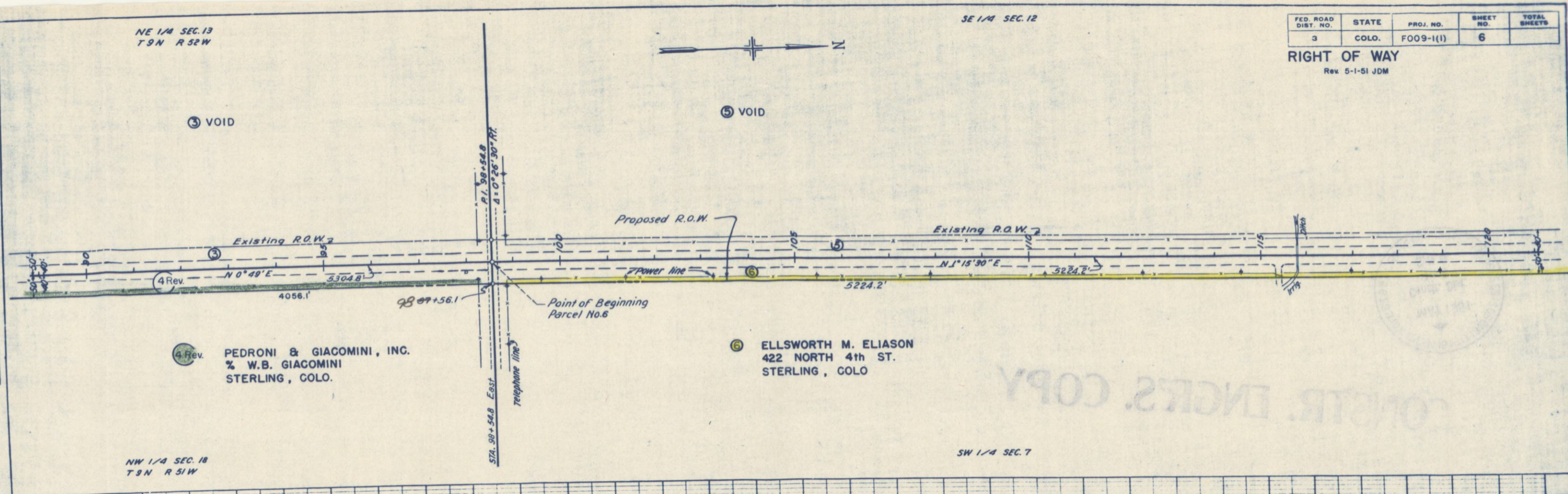
PLAN
SURVEYED
PLOTTED
NOTE BOOK ALIGNMENT CHECKED
NO. 7237 RT. OF WAY CHECKED

PROFILE
SURVEYED
PLOTTED
NOTE BOOK GRADES CHE
NO. 7237 RT. OF WAY CHECKED
STRUCTURE NOTES CK'ED

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	F009-1(1)	6	

RIGHT OF WAY

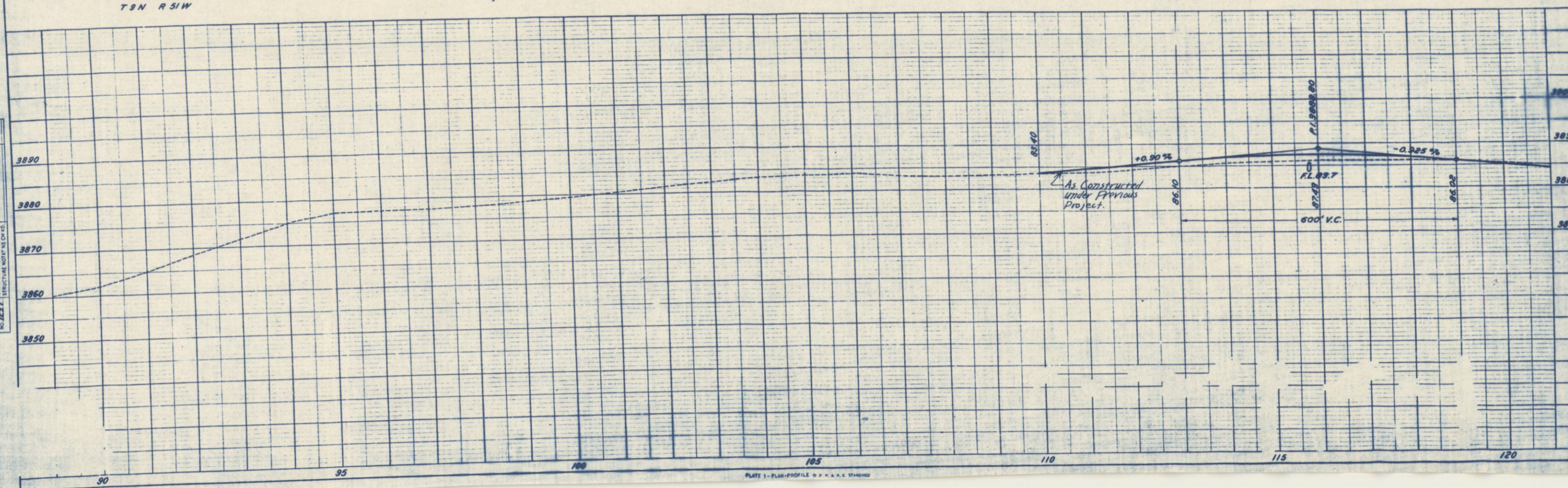
Rev. 5-1-51 JDM



PLAN

SURVEYED
PLOTTED
ALIGNMENT CHECKED
R/W NOTES CHECKED
NOTE BOOK
NO. 2236

DATE BY



PROFILE

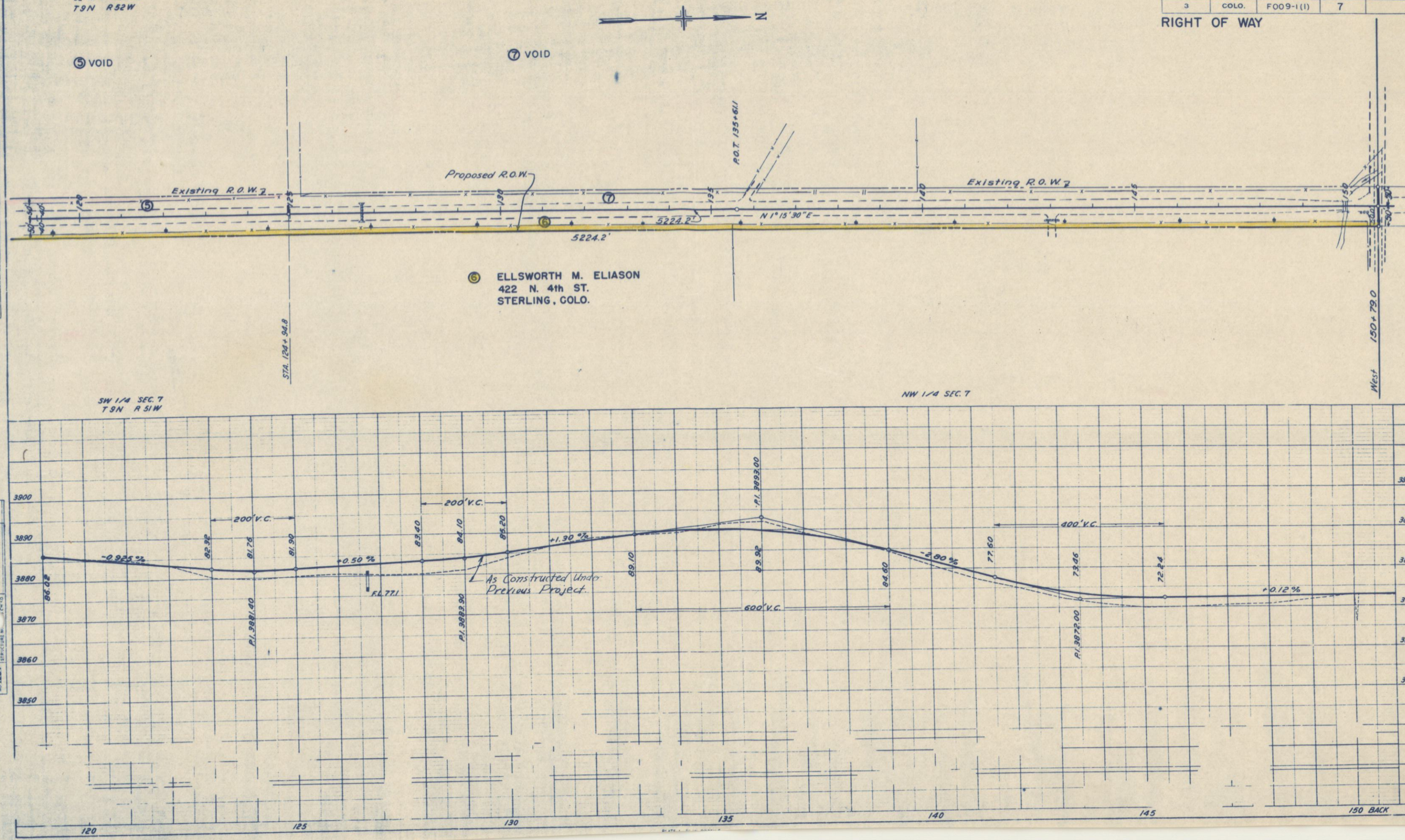
SURVEYED
PLOTTED
GRADES CHKD.
R/W NOTES
STRUCTURE NOTES CH'KD.
NOTE BOOK
NO. 2237

DATE BY

PLATE 1 - PLAN-PROFILE O.P.R.A.R.C. STANDARD

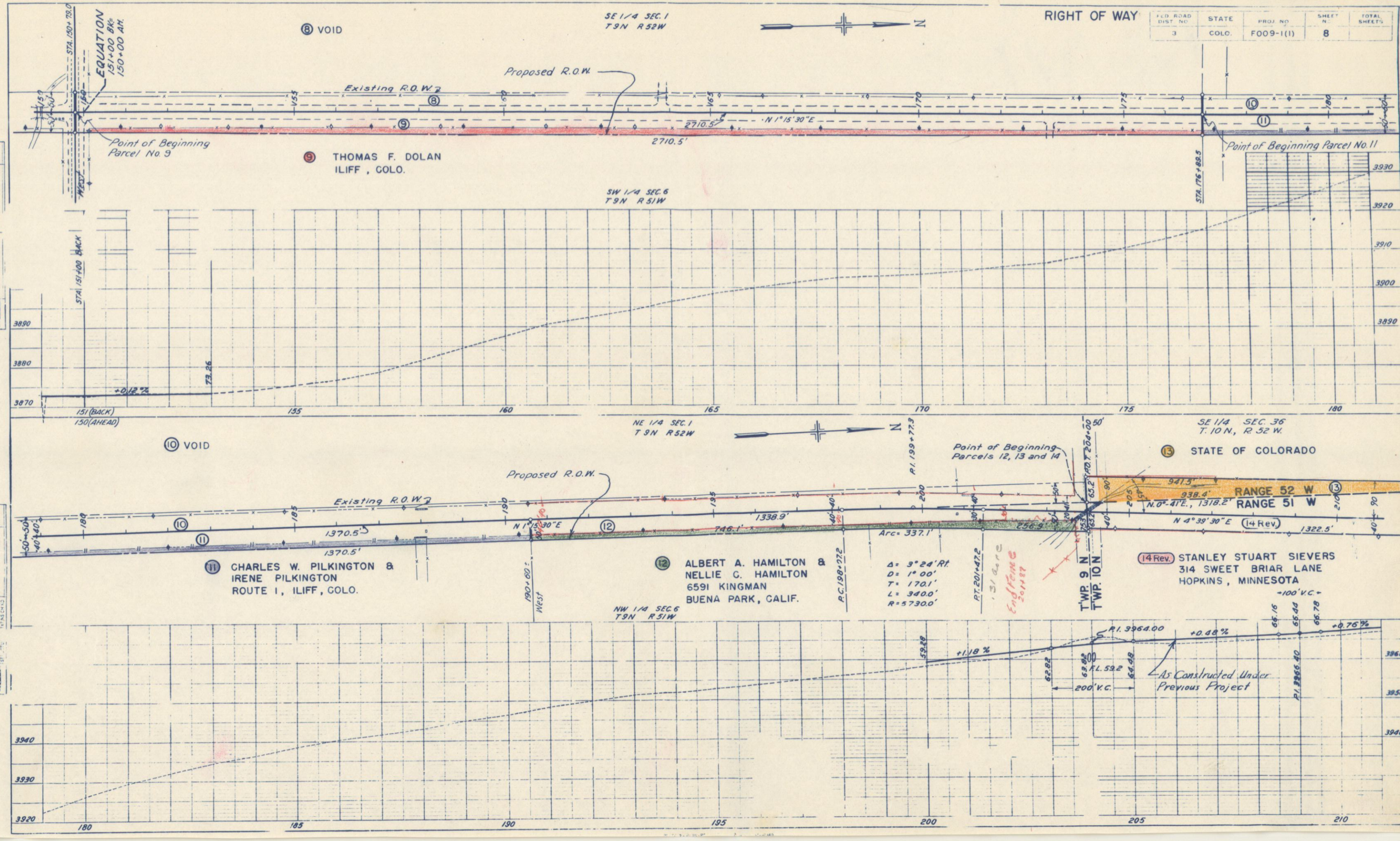
FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	F009-1(1)	7	

RIGHT OF WAY



RIGHT OF WAY

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	F009-1(1)	8	



FED ROAD DIST. NO	STATE	PROJ NO	SHEET NO
3	COLO.	F009-1(1)	9

Rev. 1-15-51 T.L.K.

STATE OF COLORADO

T'WP. 10N., RANGE 52W.
T'WP. 10N., RANGE 51W.

N. 0°-41'E. 3992.2'

1318.2'

1322.5'

N 4° 39' 30" E

1497.9'

Δ = 15° 06' Lt.
D = 9° 00'
T = 263.1'
L = 509.9'
R = 1910.0'

RIGHT OF WAY

Irrig. Lateral

N. 10° 26' 30" W. 345.9'

14 Rev. STANLEY STUART SIEVERS
314 SWEET BRIAR LANE
HOPKINS, MINNESOTA

STEPHEN BREIDENBACH
ROUTE 1, ILIFF, COLO.

SW 1/4 SEC. 31
T 10 N R 51 W

NW 1/4 SEC. 31
T 10 N R 51 W

P.I. 3966.40
66.44
66.78
+0.76 %
As Constructed under Previous Proj.
P.I. 3974.00
72.48
73.38
72.80
F.L. 69.1
F.L. 69.1
-0.60 %
71.60
71.50
200' V.C.
72.80
F.L. 66.4
P.I. 3971.00
+1.40 %
P.I. 3978.00
75.80
F.L. 72.8
77.07
77.08
-0.46 %
400' V.C.
400' V.C.

3980
3970
3960

210 215 220 225 230 235 240

NE 1/4 SEC. 36
T 10 N R 52 W

SE 1/4 SEC. 25

STATE OF COLORADO

N. 0°-41'E. 3992.2'

Arc = 131.9'
N. 13°-06' W. 102.5'
N. 0°-00'-30" E. 352.3'

642.1'

1269.0'

43.9', N. 4°-30' E.

684.6'

Arc = 968.3'

N. 10° 26' 30" W. 345.9'

Δ = 9° 45' Rt.
D = 1° 00'
T = 488.7'
L = 975.0'
R = 5730.0'

P.C. 240+72.9
243+88±
P.T. 250+47.9
STA. 257+33
P.O.T. 253+00

STEPHEN BREIDENBACH
ROUTE 1, ILIFF, COLO.

NW 1/4 SEC. 31
T 10 N R 51 W

Division Box
Existing R.O.W.

Point of Beginning
Parcels 15, 16, 17 & 18

17 GEORGE HOFMANN
224 S. 2nd ST.
STERLING, COLO.

3800.0'
5,021.1'
N 0° 41' 30" W.
4767.8'
S. 0° 38' 15" E.

ADAM GERTGE & FRANCES GERTGE
228 TAYLOR ST.,
STERLING, COLO.

SW 1/4 SEC. 30

STA. ~~270~~ 293.7 + 00 = END
F 009-1 (1)

3970
3960
3950

240 245 250 255 260 265 270

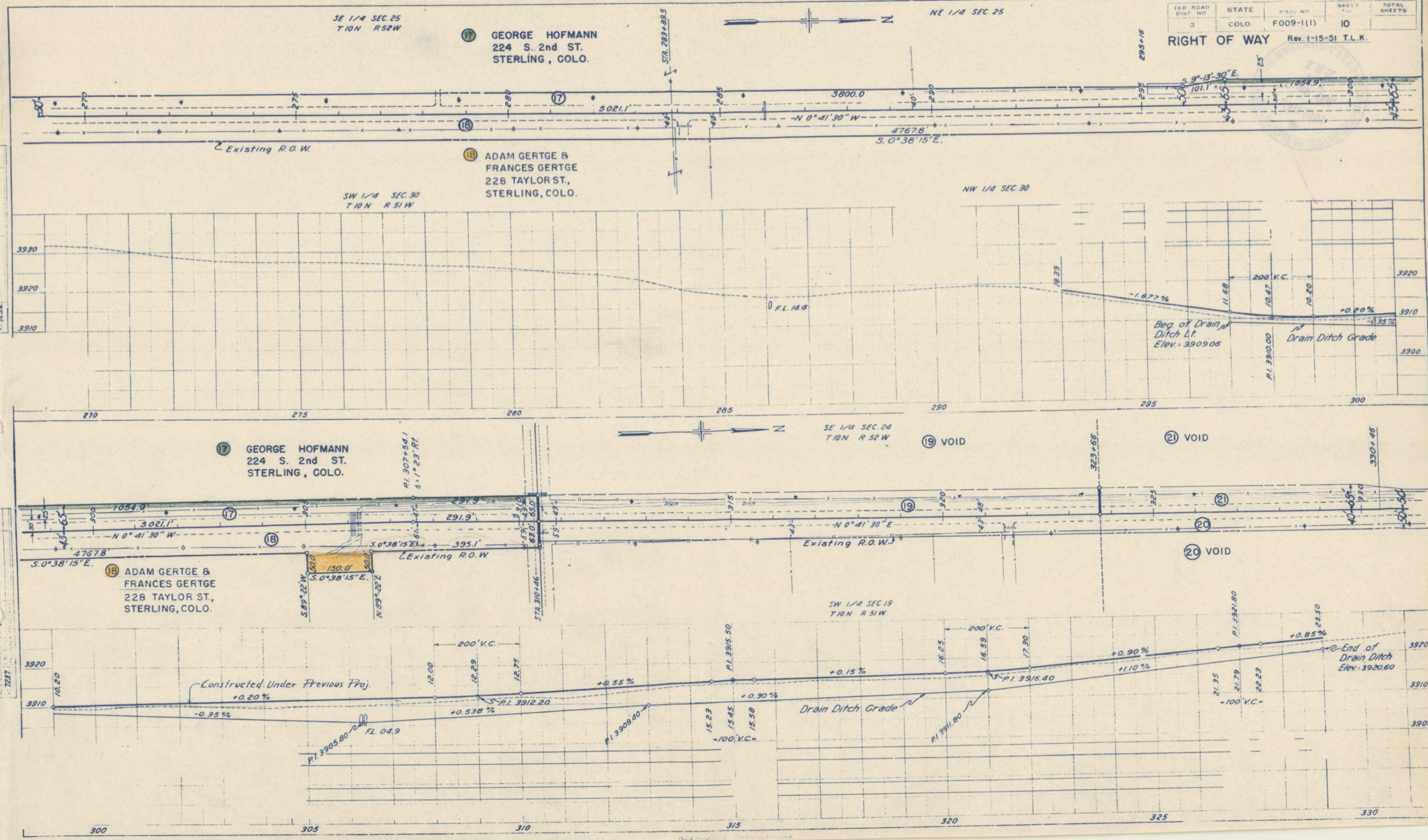
PLAN
NOTE BOOK
NO. 7236

PROFILE
NO. 7237

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	F009-1(1)	10	

RIGHT OF WAY

Rev. 1-15-51 T.L.K.



PLAN

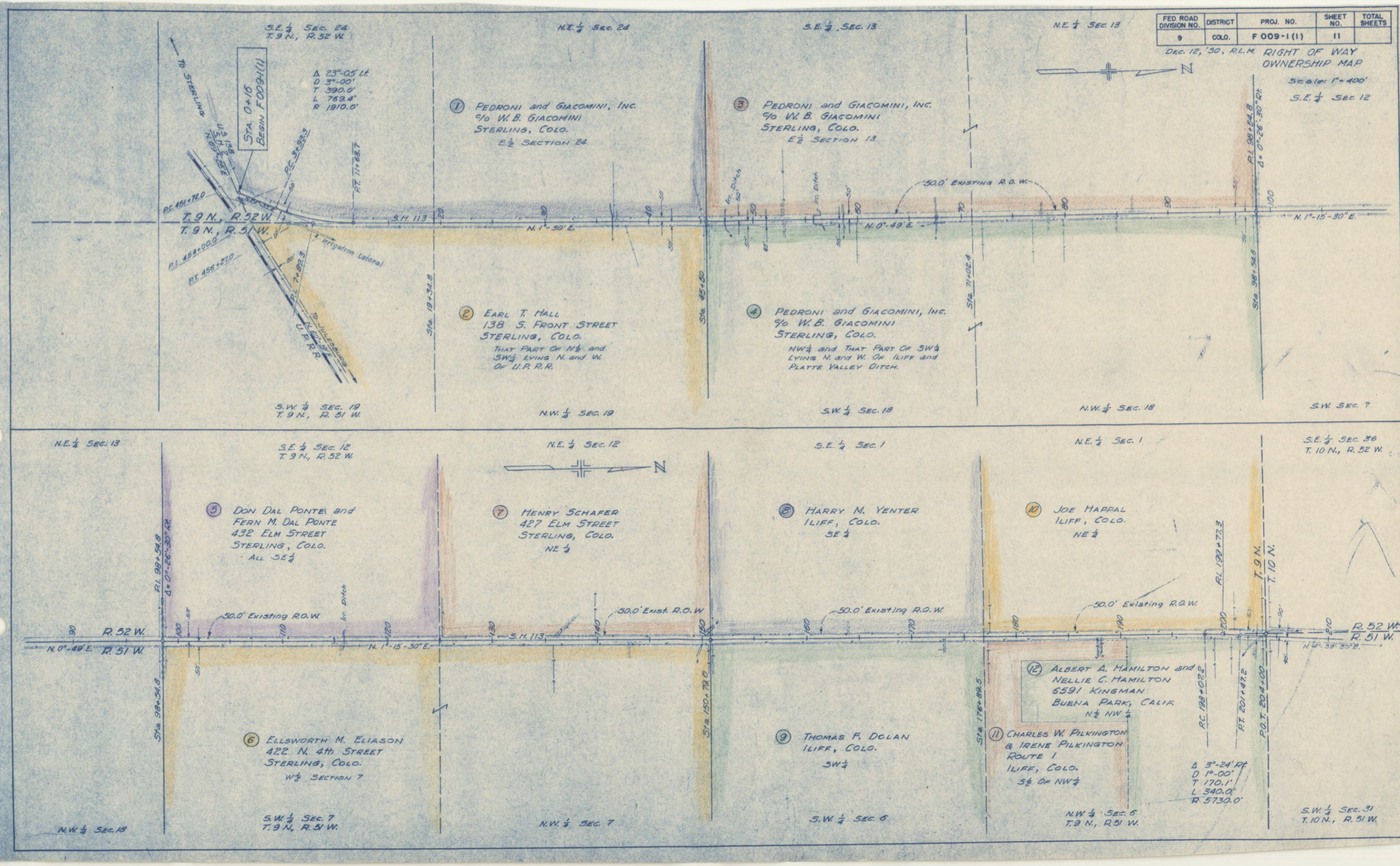
PROFILE

FED. ROAD DIVISION NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	F 009-1 (1)	11	

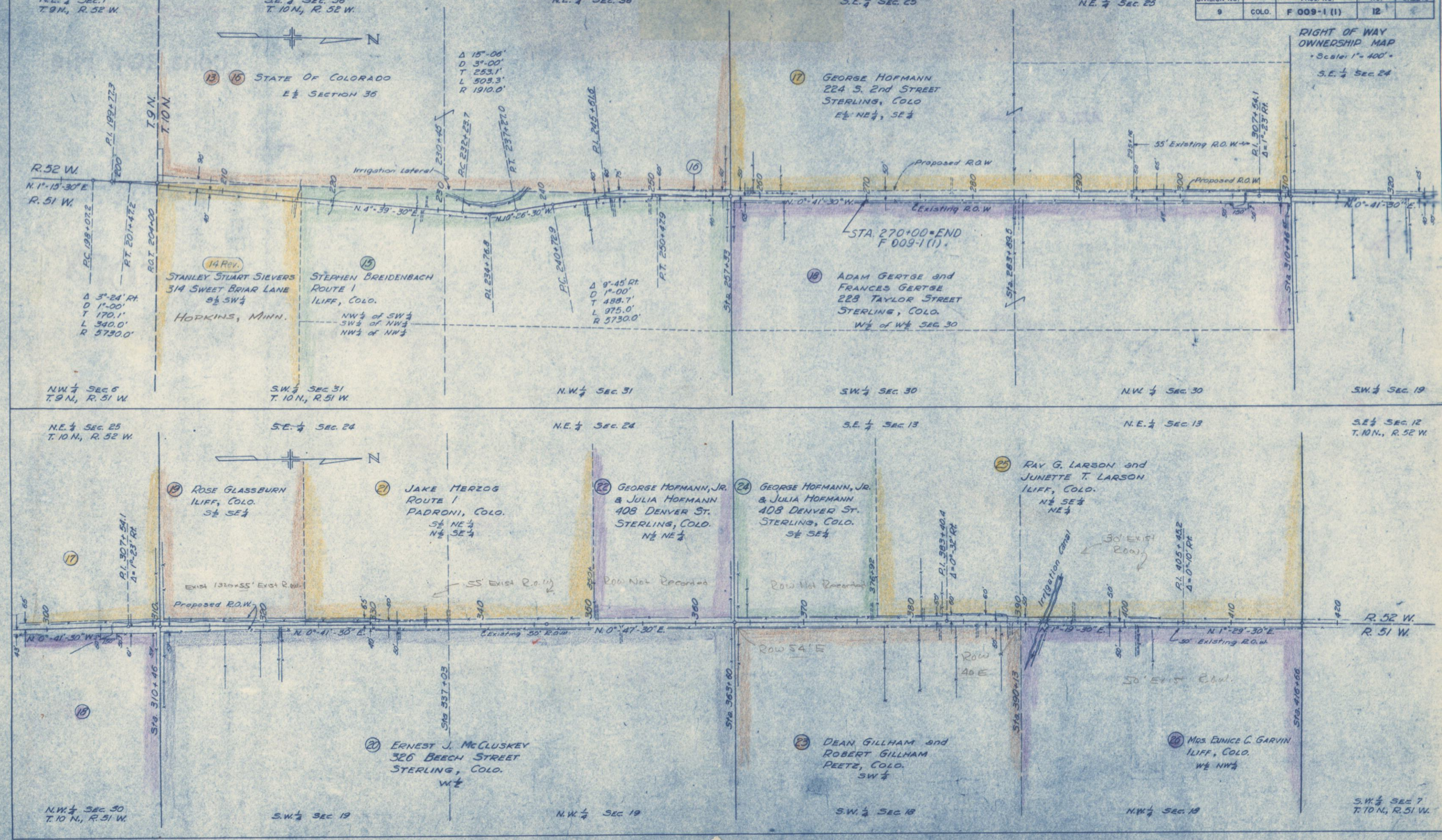
DEC. 12, '50, R.L.M.

RIGHT OF WAY OWNERSHIP MAP

Scale: 1" = 400'



FED. ROAD DIVISION NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	F 009-1 (1)	12	

RIGHT OF WAY OWNERSHIP MAP

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