

INDEX OF SHEETS

Sheet No. 1 Sketch Map and Title Page
2 Tabulation of Properties
A.3, 3-20 Alignment Plan and Profile

ACCESS RIGHTS FOR FAI 44(3)

	FROM	TO
LEFT OR WESTERLY SIDE	STA. 2514+	STA. 2705+
RIGHT OR EASTERLY SIDE	STA. 2514+	STA. 2706+

OPENINGS

STATION	SIDE	WIDTH
2528+15.0	WEST	30.0 FT.

ALSO THE FOLLOWING COUNTY ROADS
2620+ EAST & WEST
2673+ EAST & WEST

COLORADO

STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED

SN FEDERAL AID PROJECT NO. F.A.I. 44(3)

STATE HIGHWAY NO. 185

LARIMER COUNTY

CONVENTIONAL SIGNS

CENTER LINE	_____
RIGHT OF WAY LINE	_____
COUNTY LINE	_____
TOWNSHIP OR RANGE LINE	_____
SECTION LINE	_____
QUARTER SECTION LINE	_____
BARBED WIRE FENCE	_____
COMBINATION WIRE FENCE	_____
TELEPHONE LINE	_____

NOTE:

It is recommended that bidders on this project go over the plan details with one of the following field representatives of this Department:
W.A. Whitney Division Engineer Greeley
J.M. McNeil Resident "

RIGHT OF WAY

1.3 N

1.4 N

SCALES OF ORIGINAL TRACINGS

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

LENGTH OF PROJECT

STATIONS	ROADWAY	BRIDGES
	LN. FT.	LN. FT.

Access Rights

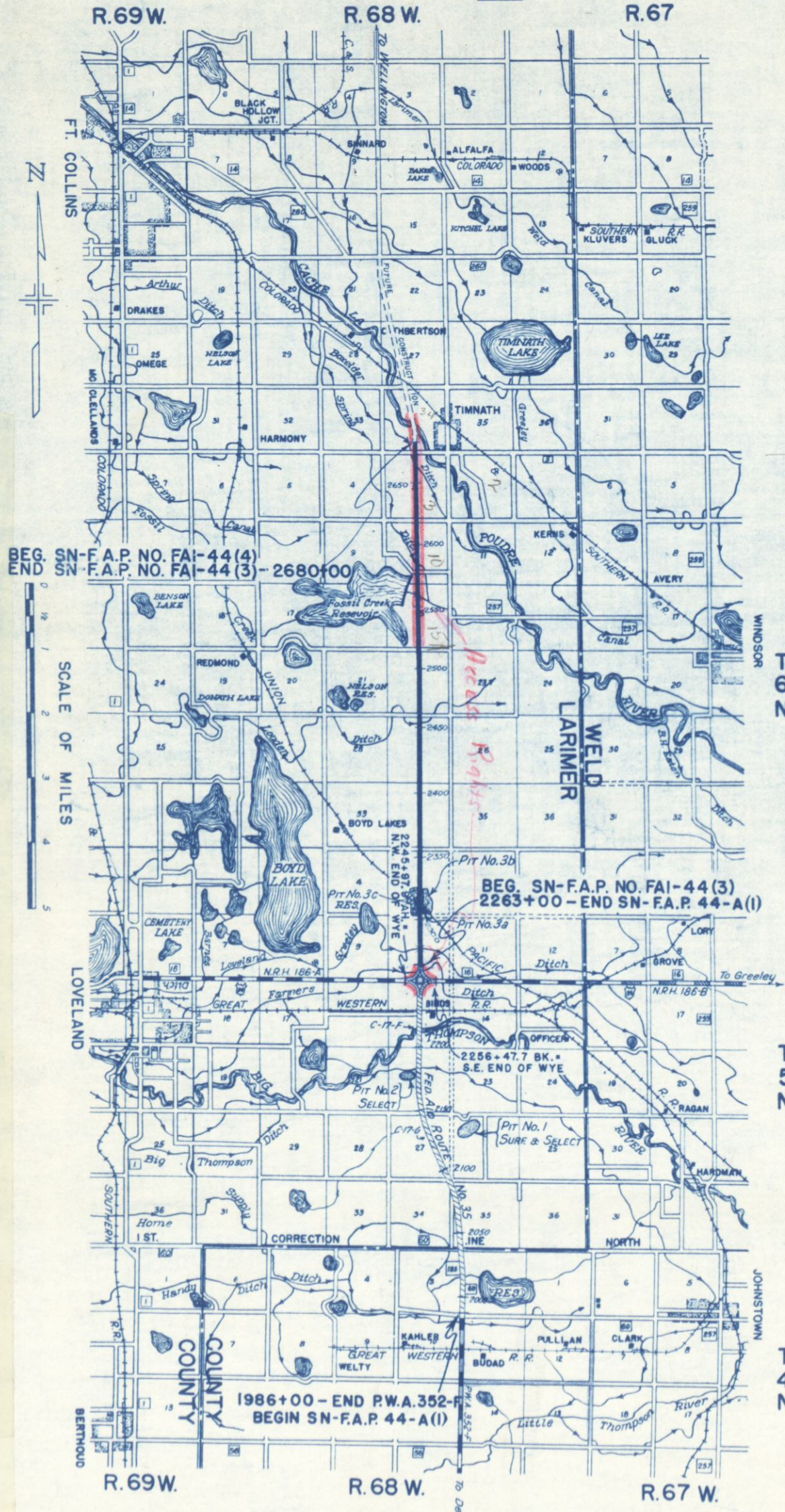
FAI 44(3)

Left side Sta. 2514+ to 2705+

Right side Sta. 2514+ to 2706+

Openings

2528+15.0
2620+ E. Road
2673+ E. Road



FED. ROAD DIST. NO.	STATE	SN-FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	FAI 44(3)	1	

Rev. 8-29-46 A.T. Index
Rev. 11-26-48 R.D.C.
Rev. 9-21-59 (Index of sheets) JLS

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO. 11348	GRADES CHECKED		
NO. 11348	R. WAS NOTED		
	STRUCTURE NOTATIONS		

PLAN	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO. 11348	ALIGNMENT CHECKED		
NO. 11348	RT. OF WAY CHECKED		

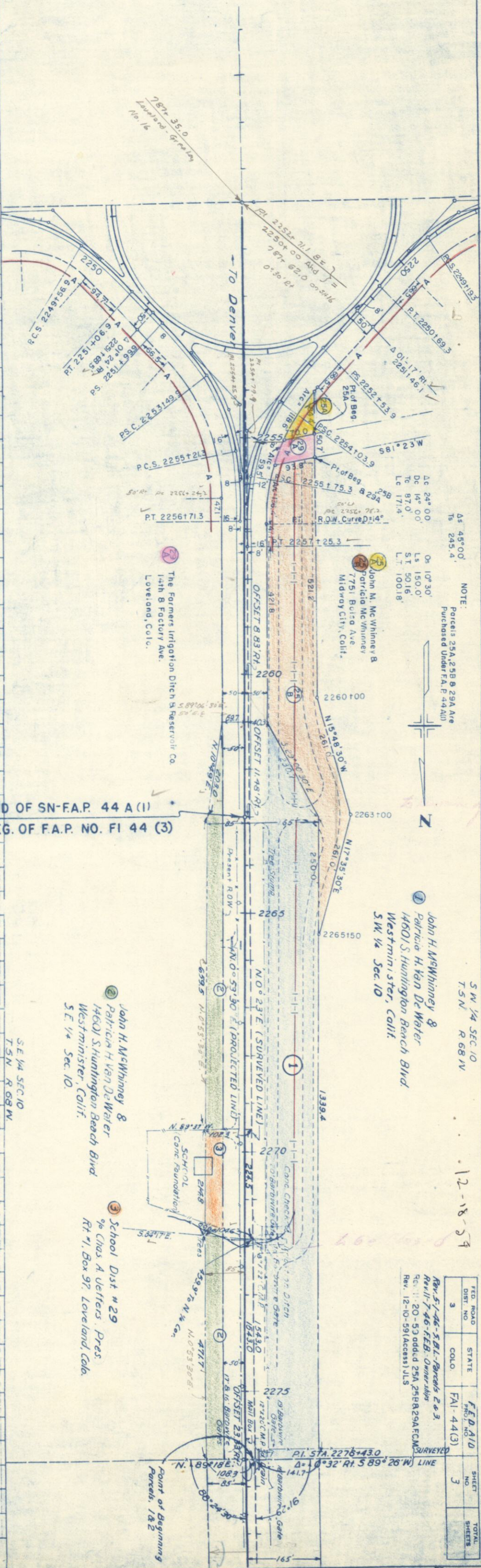
Excav Factor
Excavation
Excav Factor
Embankment
Borrow
Station O.H.
V.M. O.H.
Borrow Source

2260

2265

2270

2275



STA. 2263+00 END OF SN-F.A.P. 44 A (1)
STA. 2263+00 BEG. OF F.A.P. NO. FI 44 (3)

PI 47.45

85%
380
323

10.0%
30.17' CHAT

PI 58.45

200' V.C.

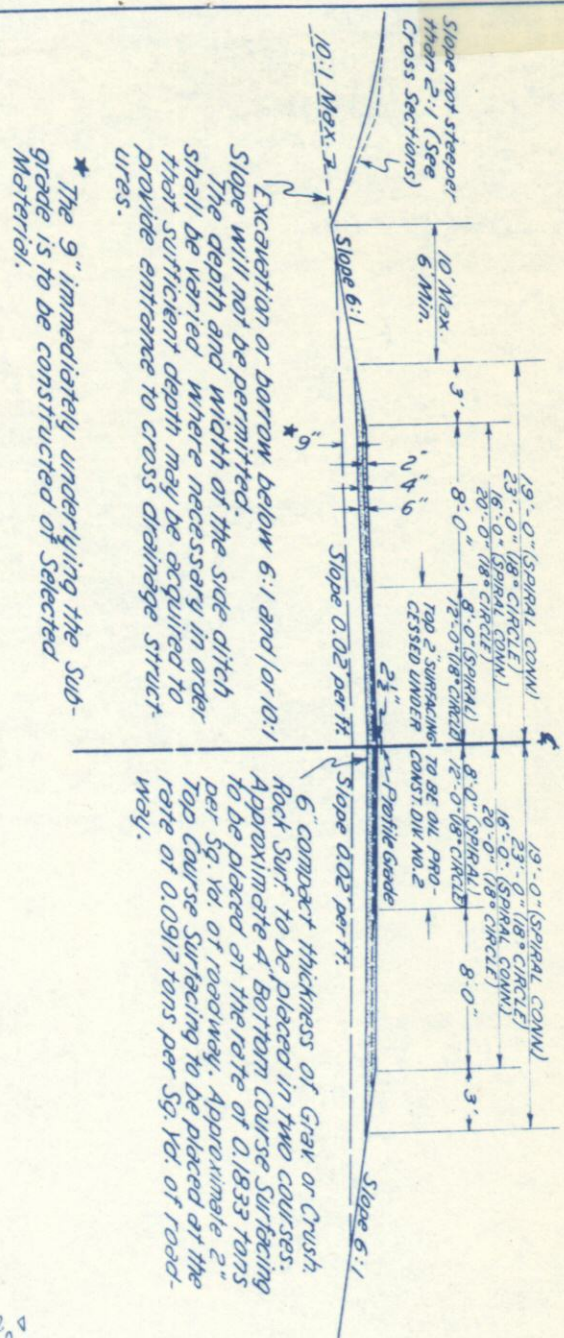
4960
4970
4980
4990
5000

PT NO 2422, 200' LT & RT 2309.5

Rev. 5/1-46-S.E.B.-Parcels 2 & 3
Rev. 7/1-46-S.E.B.-Owner's
Rev. 11/20-53 added 25A, 25B & 29A FCM
Rev. 12-10-59 (Access) JLS

FED. ROAD DIST. NO.	STATE	COLO.	F.A.P. 44 (3)	SHEET NO.	TOTAL SHEETS
3				3	

TYPICAL SECTION FOR ROTARY INTERSECTION



Excavation or borrow below 6:1 and/or 10:1 slope will not be permitted. The depth and width of the side ditch shall be varied and where necessary in order that sufficient depth may be acquired to provide entrance to cross drainage structures.

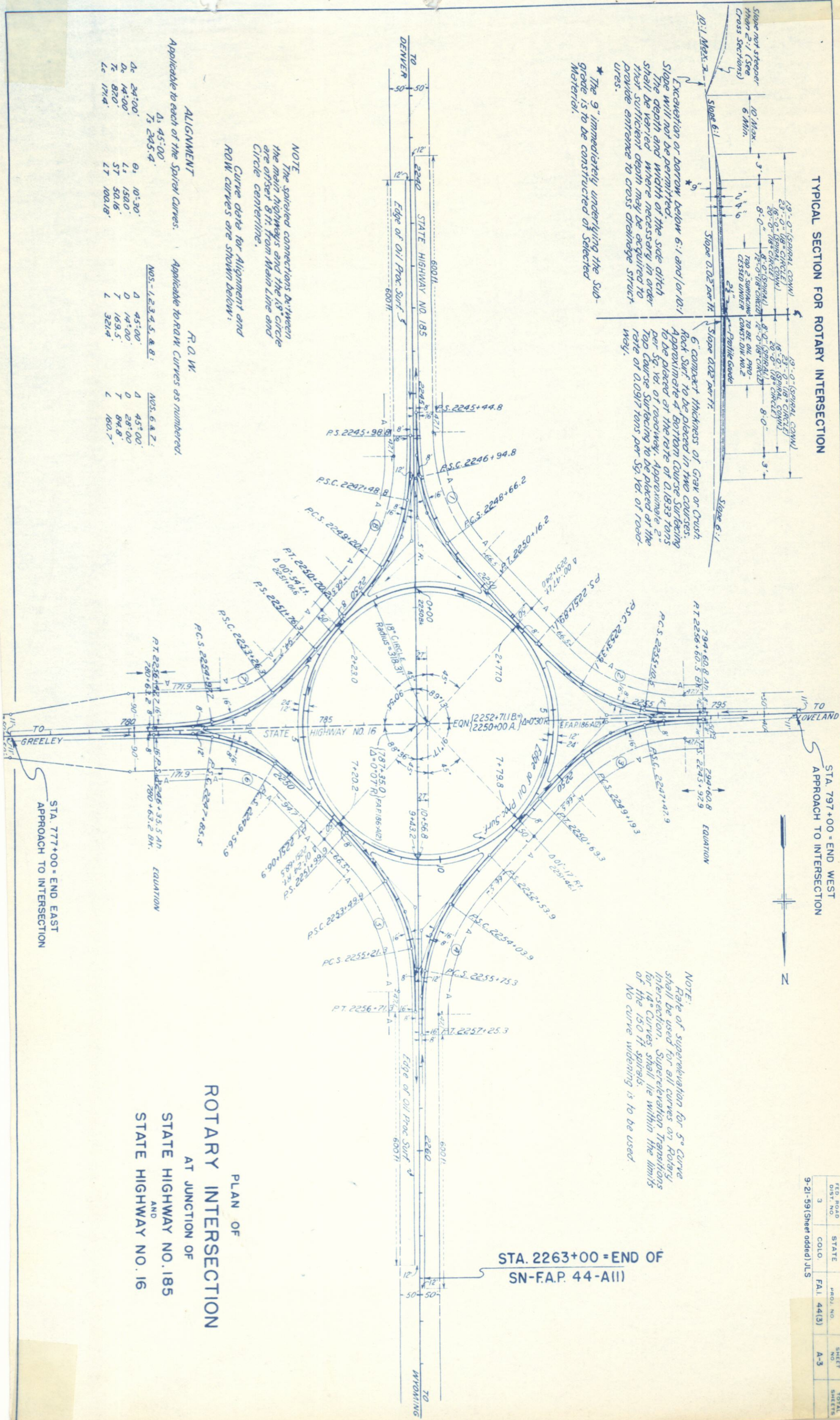
* The 9" immediately underlying the sub-grade is to be constructed of Selected Material.

STA. 797+00 = END WEST APPROACH TO INTERSECTION



NOTE: Rate of super-elevation for 5° Curve shall be used for all curves on Rotary Intersection. Super-elevation transitions for 14° Curves shall lie within the limits of the 150 ft spirals. No curve widening is to be used.

STA. 2263+00 = END OF SN-FAP. 44-A(1)



NOTE The spiraled connections between the main highways and the 18° circle are offset 8 ft. from Main Line and Circle centerline.

Curve data for Alignment and ROW curves are shown below:

ALIGNMENT

Applicable to each of the Spiral Curves.

Applicable to ROW Curves as numbered.

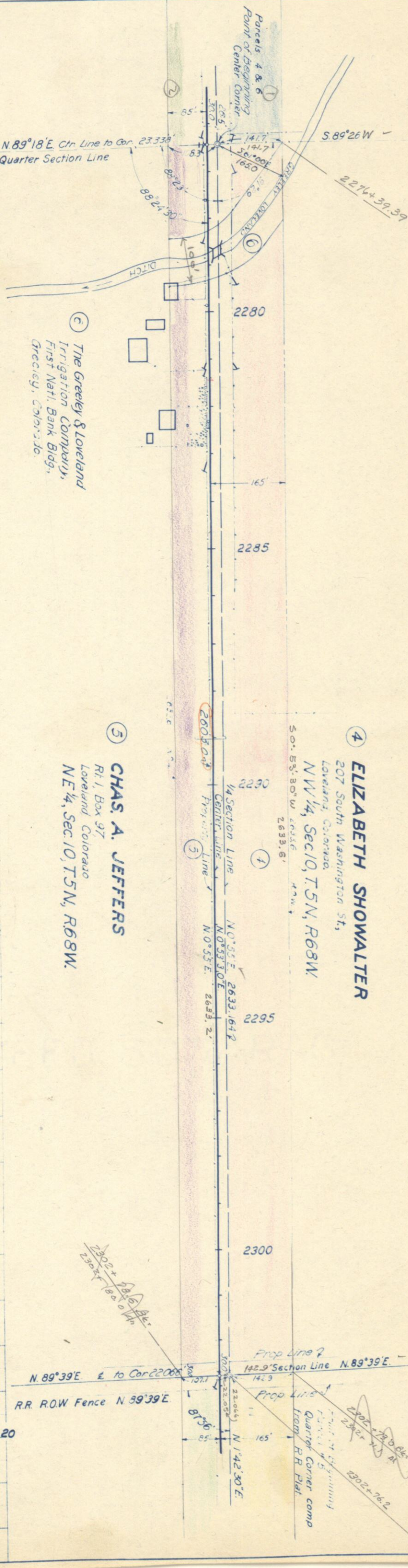
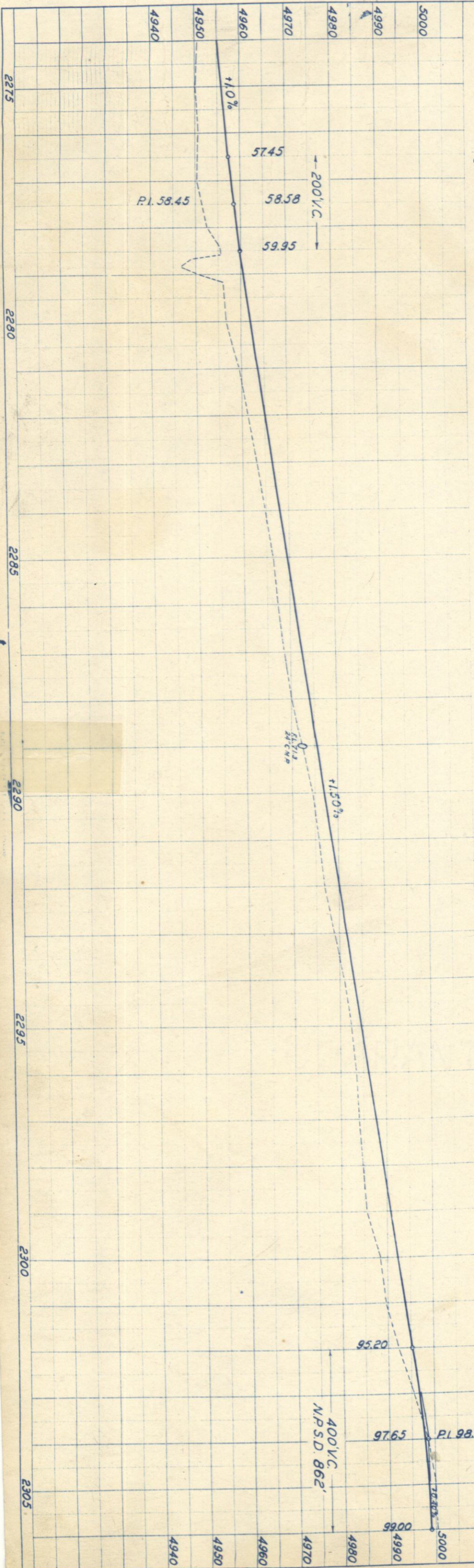
AL	AS	AS	AS	AS	AS
19.0° (SPIRAL CONN)	23.0° (18° CIRCLE)	23.0° (SPIRAL CONN)	23.0° (18° CIRCLE)	23.0° (SPIRAL CONN)	23.0° (18° CIRCLE)
19.0° (SPIRAL CONN)	23.0° (18° CIRCLE)	23.0° (SPIRAL CONN)	23.0° (18° CIRCLE)	23.0° (SPIRAL CONN)	23.0° (18° CIRCLE)
19.0° (SPIRAL CONN)	23.0° (18° CIRCLE)	23.0° (SPIRAL CONN)	23.0° (18° CIRCLE)	23.0° (SPIRAL CONN)	23.0° (18° CIRCLE)
19.0° (SPIRAL CONN)	23.0° (18° CIRCLE)	23.0° (SPIRAL CONN)	23.0° (18° CIRCLE)	23.0° (SPIRAL CONN)	23.0° (18° CIRCLE)
19.0° (SPIRAL CONN)	23.0° (18° CIRCLE)	23.0° (SPIRAL CONN)	23.0° (18° CIRCLE)	23.0° (SPIRAL CONN)	23.0° (18° CIRCLE)

ROTARY INTERSECTION AT JUNCTION OF STATE HIGHWAY NO. 185 AND STATE HIGHWAY NO. 16

PLAN OF

STA. 777+00 = END EAST APPROACH TO INTERSECTION

PLAN	SURVEYED	BY	DATE
	PLOTTED & Traced	J.M. Silver	1941
NOTE BOOK	ALIGNMENT CHECKED	C.D.C.	9-30-41
NO	RT. OF WAY CHECKED		



Right-of-Way		Map		SHEET		TOTAL	
PROJECT	STATE	F.D.A.D.	NO.	NO.	SHEETS		
3	COLORADO	FAL-14(3)	4				

Net 11746 FEE Ownership

SW 4 Sec. 3, T5N, R68W.

Right of Way Map

HEAD ROAD DIST. NO.	STATE	FED. A.D. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	FAL-44(J)	5	

Rev. 11-7-46 F.L.B. Ownerships.

9 Mrs. Fern Masters

8450 Vincent Ave.
South Gate, California
SW 1/4 (less R.R.) and NW 1/4
Section 3, T5N, R68W

8 Union Pacific Railroad

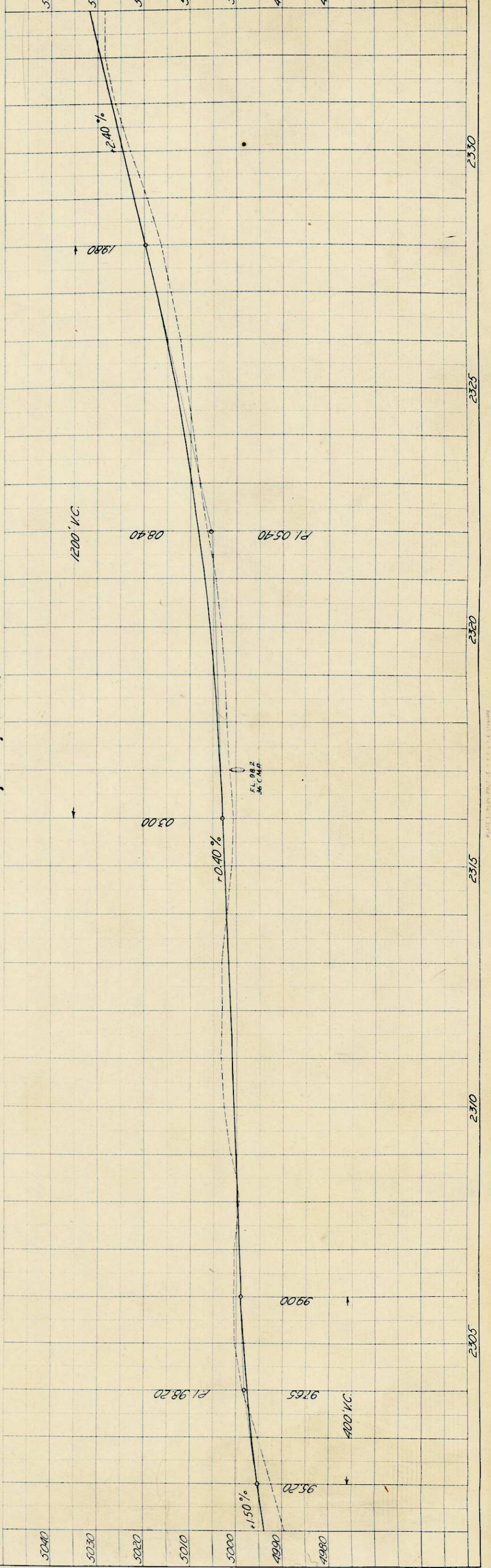
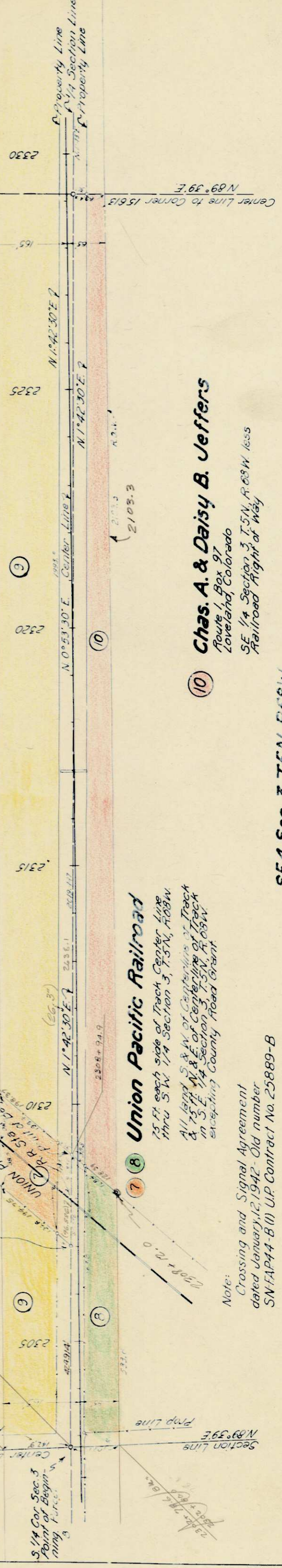
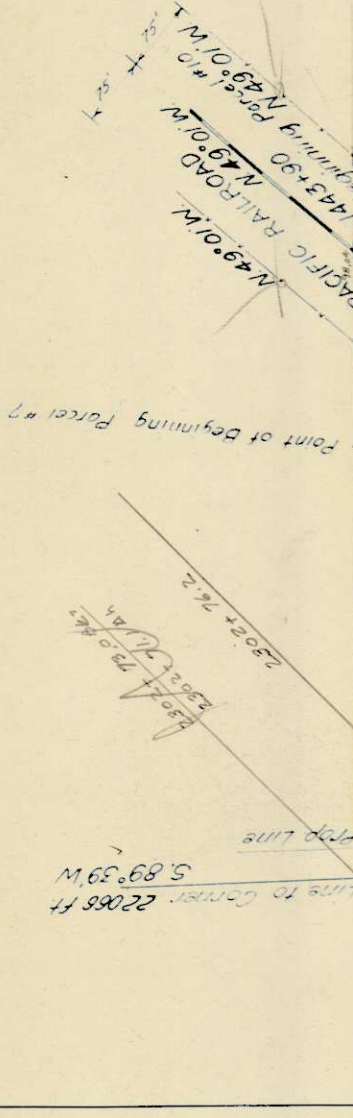
75 ft each side of Track Center Line
thru S.W. 1/4 Section 3, T5N, R68W.
All land S & W of Centerline of Track
& 75 ft N & E of Centerline of Track
in S.E. 1/4 Section 3, T5N, R68W,
excepting County Road Grant.

Note:
Crossing and Signal Agreement
dated January 12, 1942 - Old number
SN-FAP44-B (I) U.P. Contract No. 25889-B

10 Chas. A. & Daisy B. Jeffers

Route 1, Box 97
Loveland, Colorado
SE 1/4 Section 3, T5N, R68W less
Railroad Right of Way

SE 4 Sec. 3, T5N, R68W.



PROFILE		BY	DATE
SURVEYED			
PLOTTED			
GRADES CHECKED			
BY M.A. NOTED			
STRUCTURE NOTAT VS CHKD.			

PLAN		BY	DATE
SURVEYED			
PLOTTED			
ALIGNMENT CHECKED			
RT. OF WAY CHECKED			

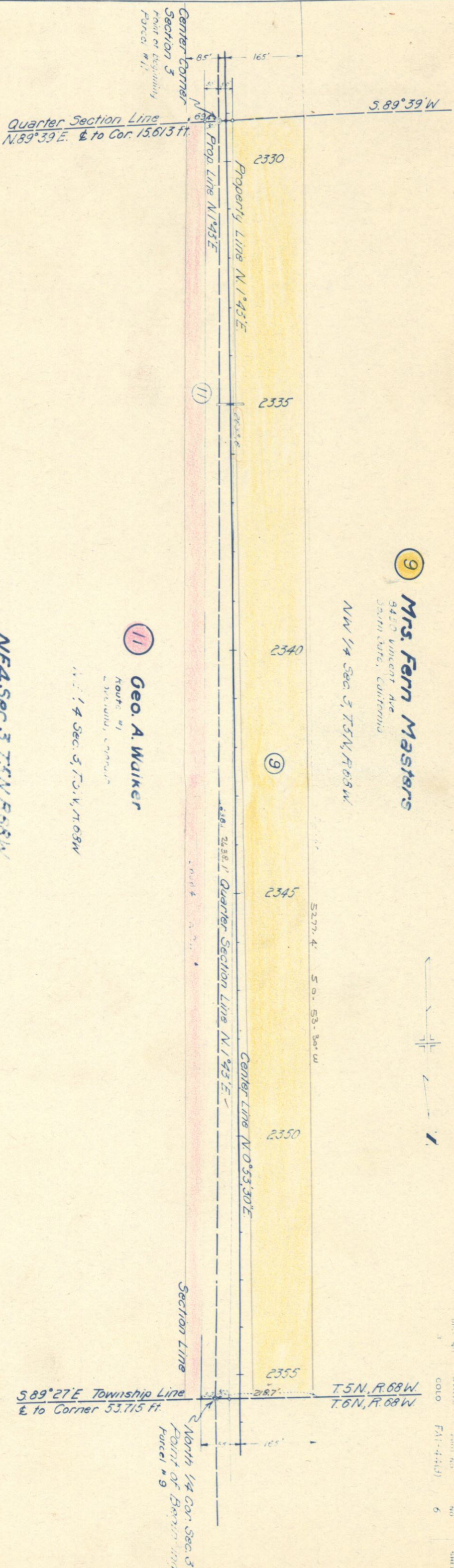
NW 1/4 Sec 3, T.5N, R.68W.

9 Mrs. Fern Masters
9430 Vincent Ave
San Jose, California

NW 1/4 Sec 3, T.5N, R.68W

Right of Way Map

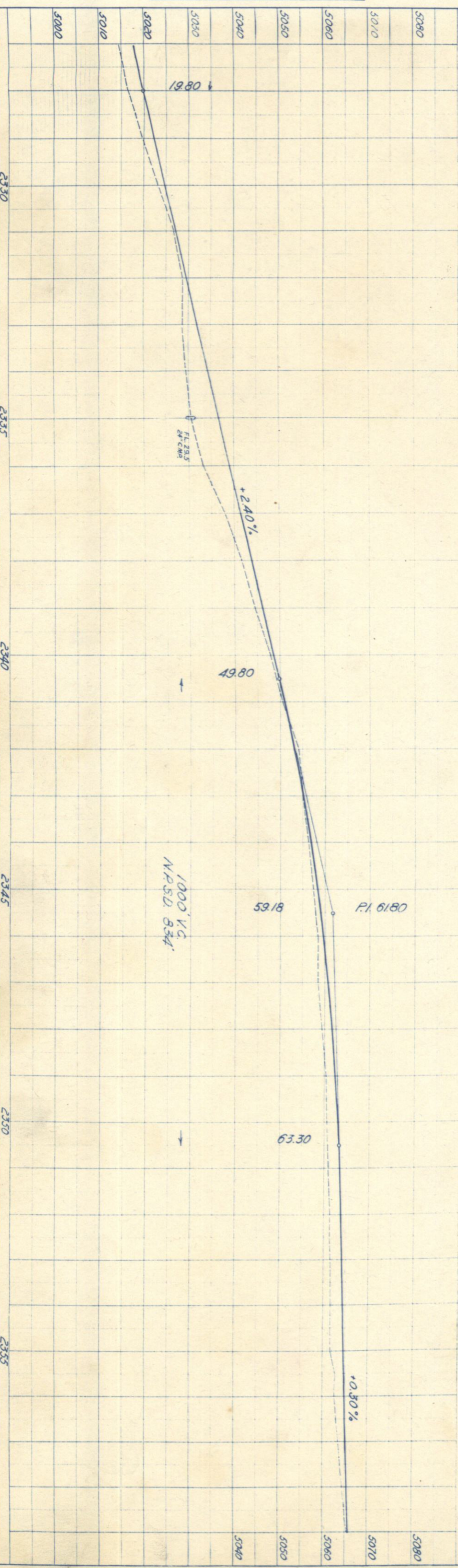
SECTION	STATE	FOOT	NO.	TOTAL
3	COLO	FA-443	6	



11 Geo. A. Walker
Route #1
Berkeley, California

NW 1/4 Sec 3, T.5N, R.68W

NE 1/4 Sec 3, T.5N, R.68W.



SW 4 Sec. 34, T6N, R68W.

Right of Way Map

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	FAI-44(3)	7	

Rev II-7-46 F.E.B. Ownership

12 Geo. A. Walker

Route #1
Loveland, Colorado

S.W. 1/4 Sec. 34, T6N, R68W

2,626.62

2355

T5N, R68W
T6N, R68W

N 89° 27' W

2360

Center Line N 0° 33' 30" E

2365

12

2370

2375

2380

N 43° E

South 1/4 Cor. Sec. 34
Point of Beginning
Description # 12 & 13

S 89° 27' E
to Corner 53.715 ft.

218
31.3
249.3

13 Clarence J. McCloughan

Route 1, Box 258
Loveland, Colorado
S.E. 1/4 Sec. 34, T6N, R68W.

SE 4 Sec. 34, T6N, R68W.

Property Line N 0° 18' E

1/4 Section Line N 0° 18' E

Center Corner Sec. 34

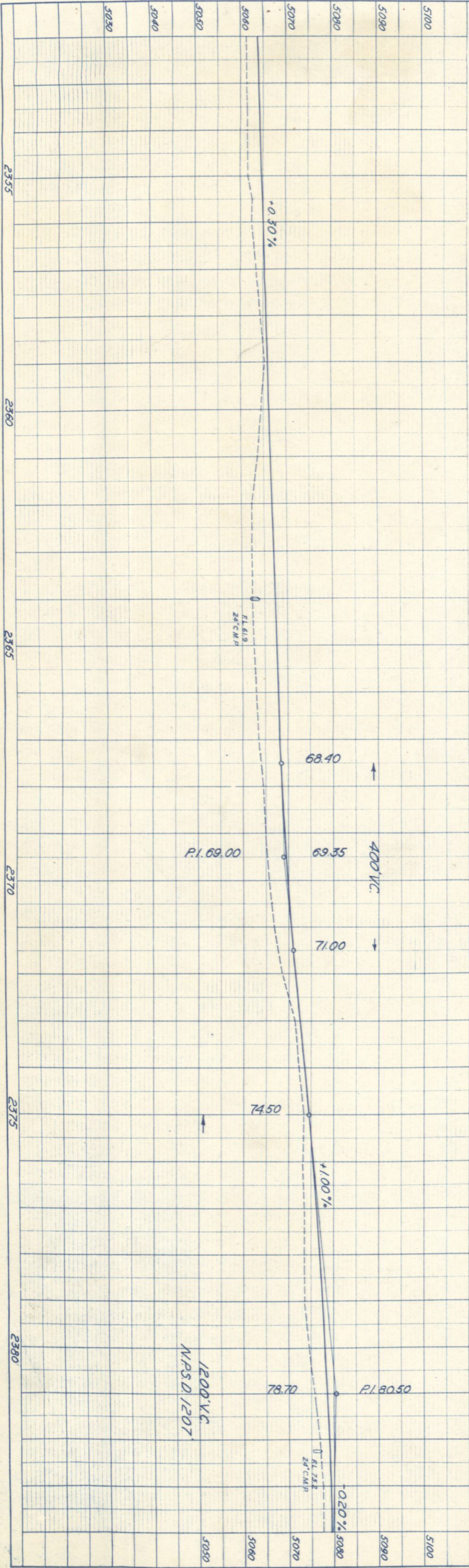
S 89° 39' E
to Corner 26.703 ft.

2381 + 79.49
Calc. E.T. 5-20

2381 + 79.43
2-5
2596.0

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	GRADES CHECKED		
	B. M. NOTED		
	STRUCTURE NOTATIONS CHKD.		

PLAN	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED & Traced	L.M. McElroy	11-21
NO.	ALIGNMENT CHECKED	S.J. Mitchell	11-26
	RT. OF WAY CHECKED		



NW 1/4 Sec. 34, T.6N, R.68W.

Right of Way Map

FED. ROAD DIST. NO.	STATE	COLO.	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3			44(1)	8	

Rev. 11-7-46 - FEB. Ownership

14 Arthur D. Ragan & Susie E. Williamson
1821 14th Ave
Greeley, Colorado
NW 1/4 Sec. 34, T.6N, R.68W

15 Bessie M. McCloughan Koenig
2848 Dahlia St.
Denver, Colorado.

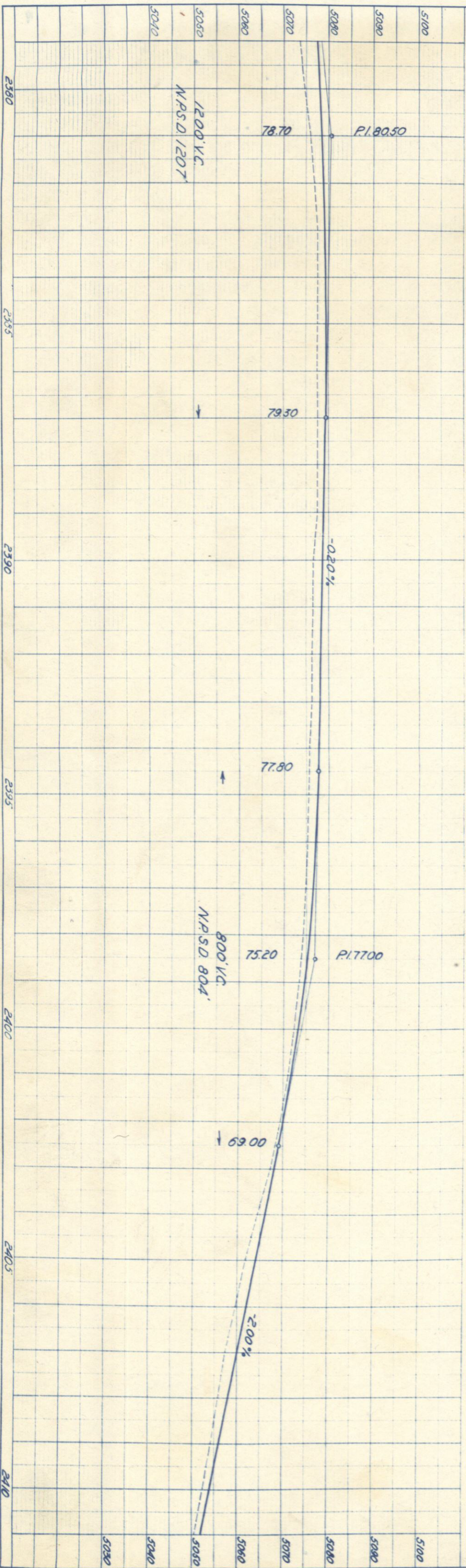
NE 1/4 Sec. 34, T.6N, R.68W.

Center Cor. Sec. 34 N
5.89°39'E
to Corner 26.703 ft.
Quarter Section Line
N.89°39'W
134.7
90°32'30"

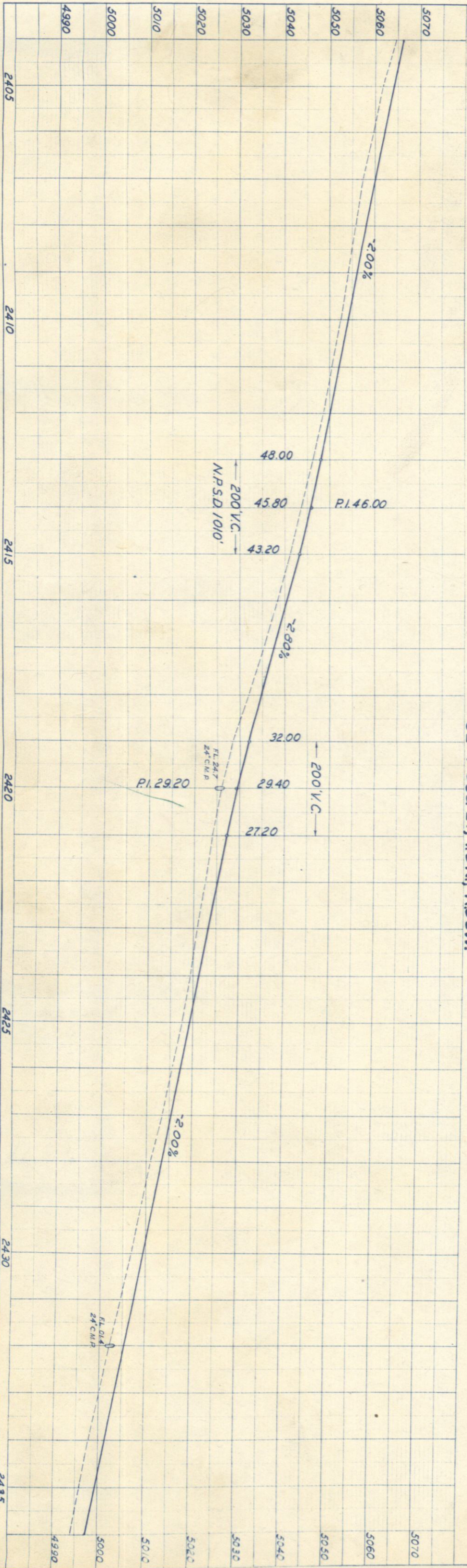
Section Line
N.89°42'E
North 1/4 Cor. Sec. 34
Point of Beginning
5 Forces 14 & 15

P.I. 2407+76.7
Δ = 00°37' Lt.

NE 1/4 Sec. 34, T.6N, R.68W.



PROFILE	SURVEYED	RE	DATE
NOTE BOOK	PLOTTED		
NO	GRADES CHECKED		
	B.M. NOTED		
	STRUCTURE NOTATIONS CHECKED		



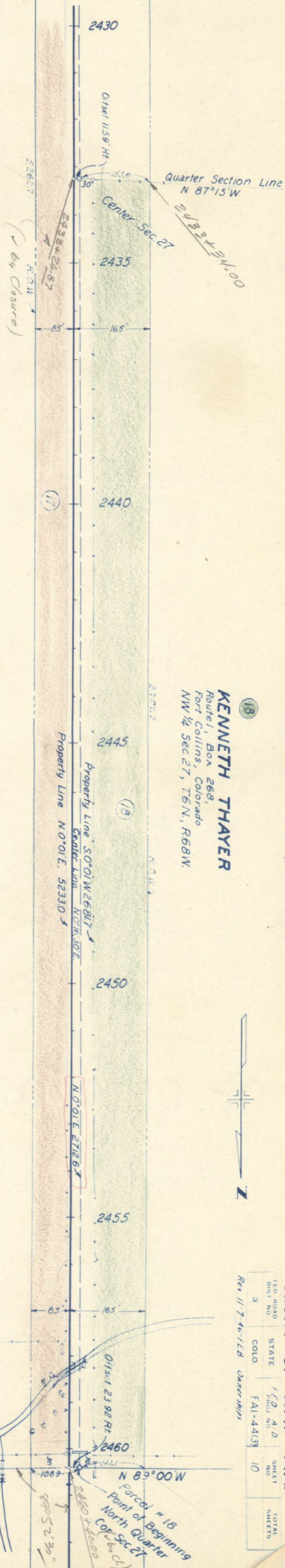
NW 1/4 Sec. 27, T6N, R.68W.

18
KENNETH THAYER
Route 1, Box 268,
Fort Collins, Colorado
NW 1/4 Sec. 27, T6N, R.68W.

RIGHT OF WAY MAP

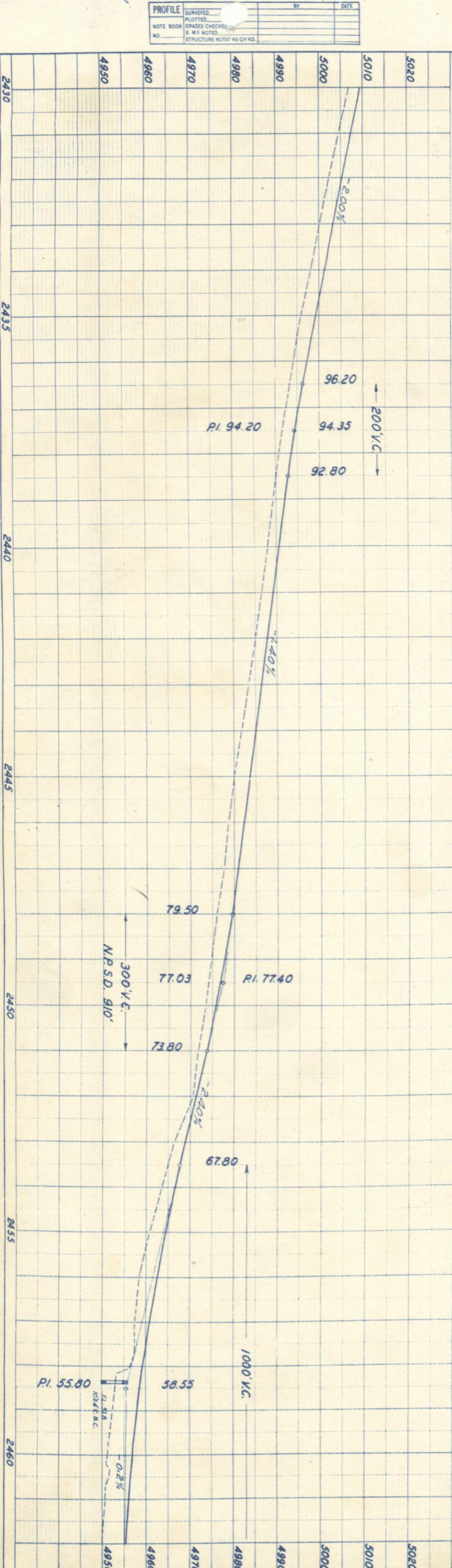
LED ROAD DIST. NO.	STATE	FED. A/D DIST. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	FAI-44(3)	10	

Rev 11-7-40-TEB. Ownerships



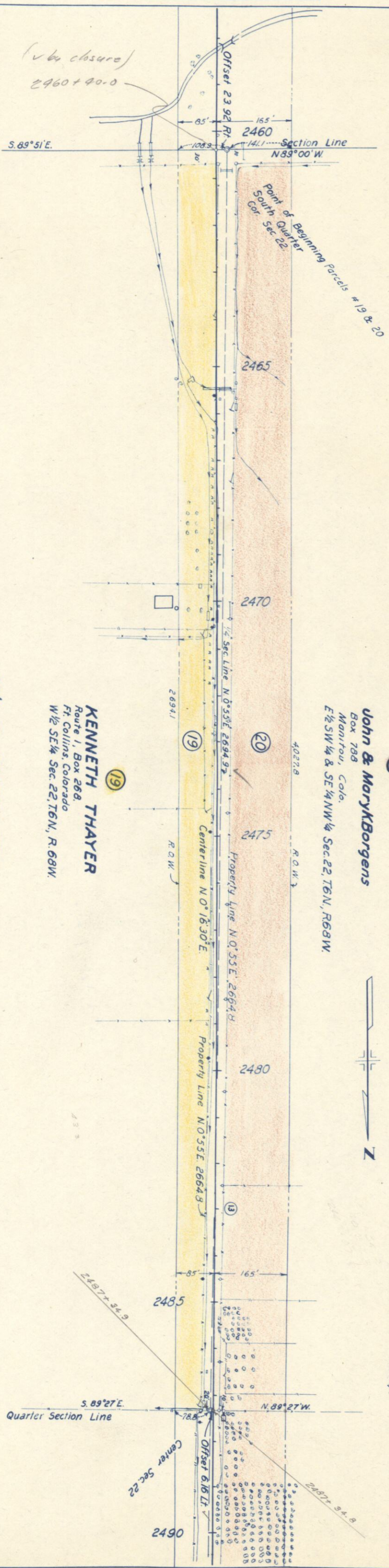
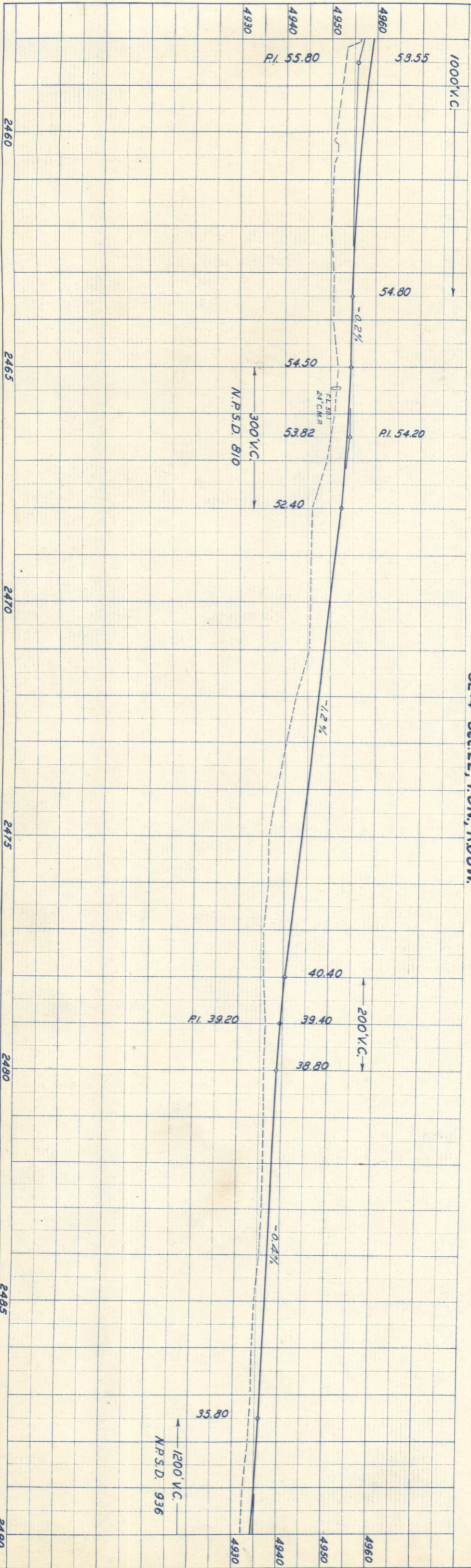
ALEX. B. HAMILTON
Route 1, Box 155,
Loveland, Colorado
SE 1/4 & NE 1/4 Sec. 27, T6N, R.68W.

NE 1/4 Sec. 27, T6N, R.68W.



PROFILE	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	GRADES CHECKED	
	B.M.S. NOTED	
	STRUCTURE NOTATIONS CHAD.	

PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED <i>Traced</i>	
NO.	ALIGNMENT CHECKED	
	RT. OF WAY CHECKED	

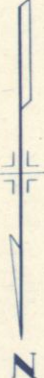


SW 1/4 Sec. 22, T.6N., R.68W.

20

John & Maryborgens
Box 798
Montou, Colo.
E 1/2 SW 1/4 & SE 1/4 NW 1/4 Sec. 22, T.6N., R.68W.

KENNETH THAYER
Route 1, Box 268
Ft. Collins, Colorado
W 1/2 SE 1/4 Sec. 22, T.6N., R.68W.



RIGHT OF WAY MAP

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	FAI-44(3)	11	

Rev. 11-7-46 FEB Ownerships

NW 1/4 Sec. 22, T.6N., R. 68W.

RIGHT OF WAY MAP				
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	FAI-44(3)	12	

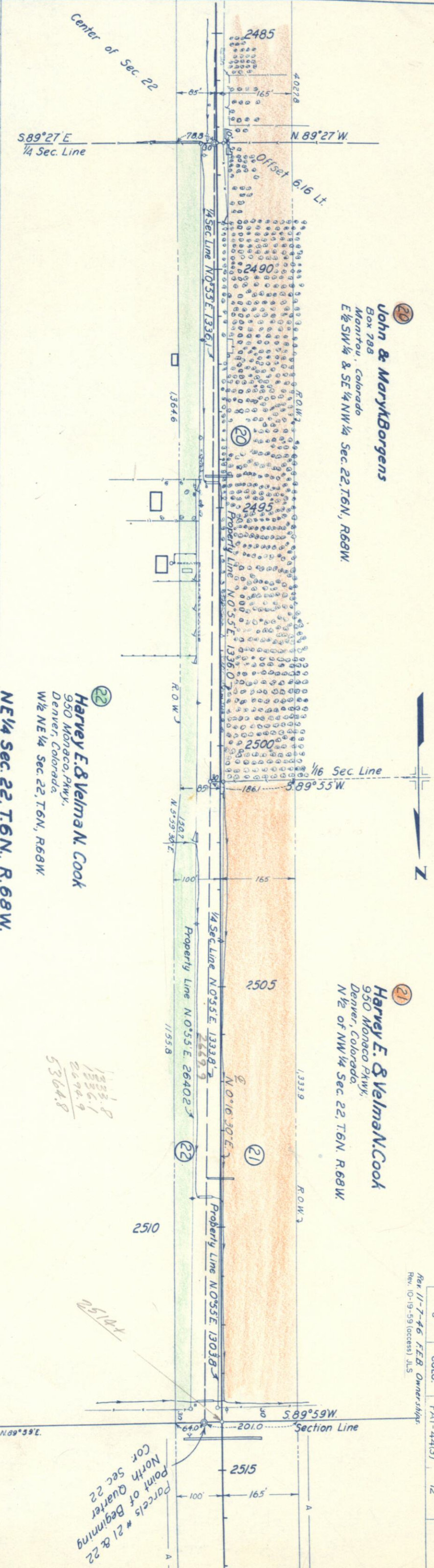
Rev 11-7-46 K.E.B. Ownership
Rev. 10-19-59 (Access) JLS

John & Maryborgens
Box 788
Manitou, Colorado
E 1/2 SW 1/4 & SE 1/4 NW 1/4 Sec. 22, T.6N., R.68W.

Harvey E. & Velma N. Cook
950 Monaco Pkwy,
Denver, Colorado
N 1/2 of NW 1/4 Sec. 22, T.6N., R.68W.

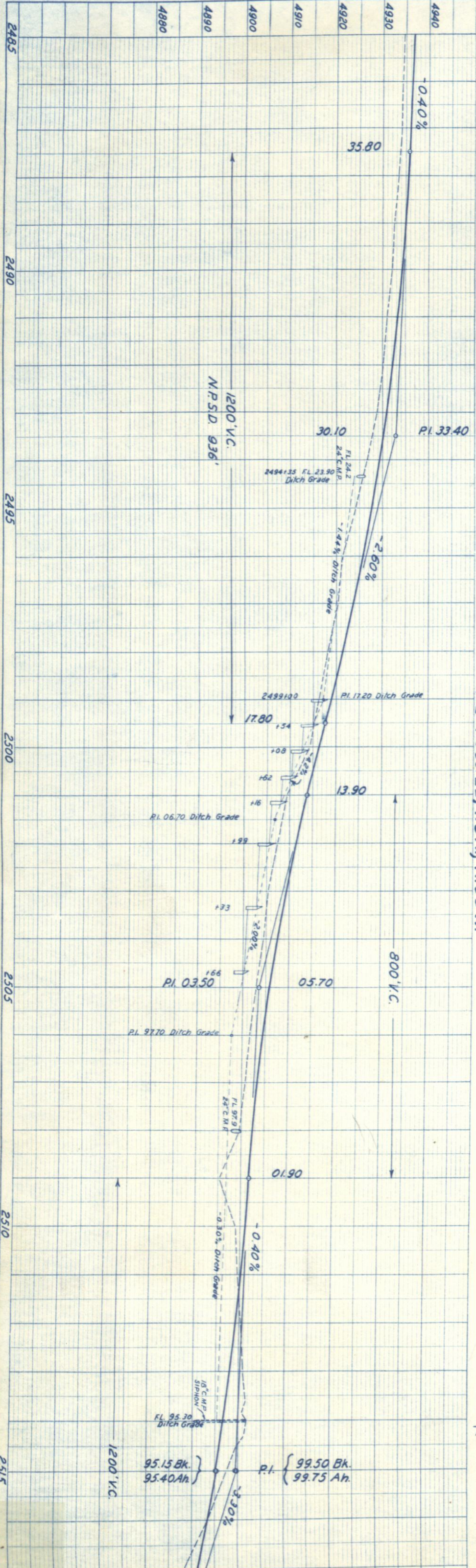
PLAN	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED & Traced	J.M. Silver	1941
NO.	ALIGNMENT CHECKED	C.D. Culler	11-8-41
	RT. OF WAY CHECKED		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	GRADES CHECKED		
	& M.S. NOTED		
	STRUCTURE NOTATIONS CHKD		



Harvey E. & Velma N. Cook
950 Monaco Pkwy,
Denver, Colorado
W 1/2 NE 1/4 Sec. 22, T.6N., R.68W.

NE 1/4 Sec. 22, T.6N., R.68W.



Sec. 15, T. 6N., R. 68W.

RIGHT OF WAY MAP

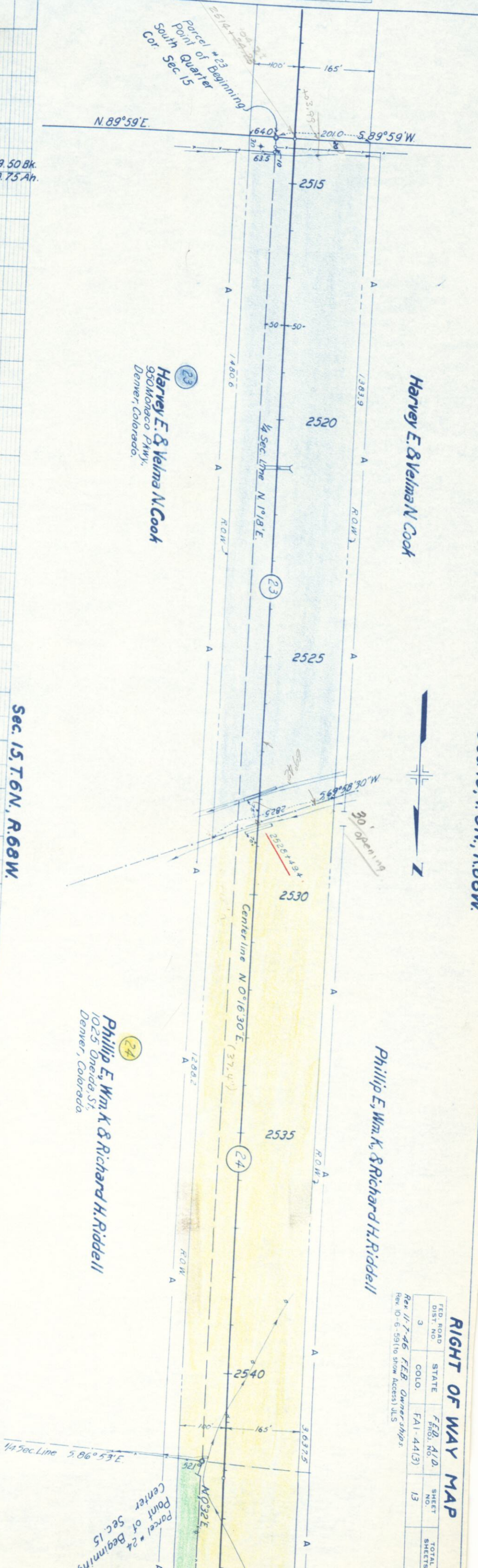
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3	COLO.	FAI-44(3)	13	

Rev. 11-7-46 F.E.B. Ownerships
Rev. 10-6-59 (to show Access) J.L.S.

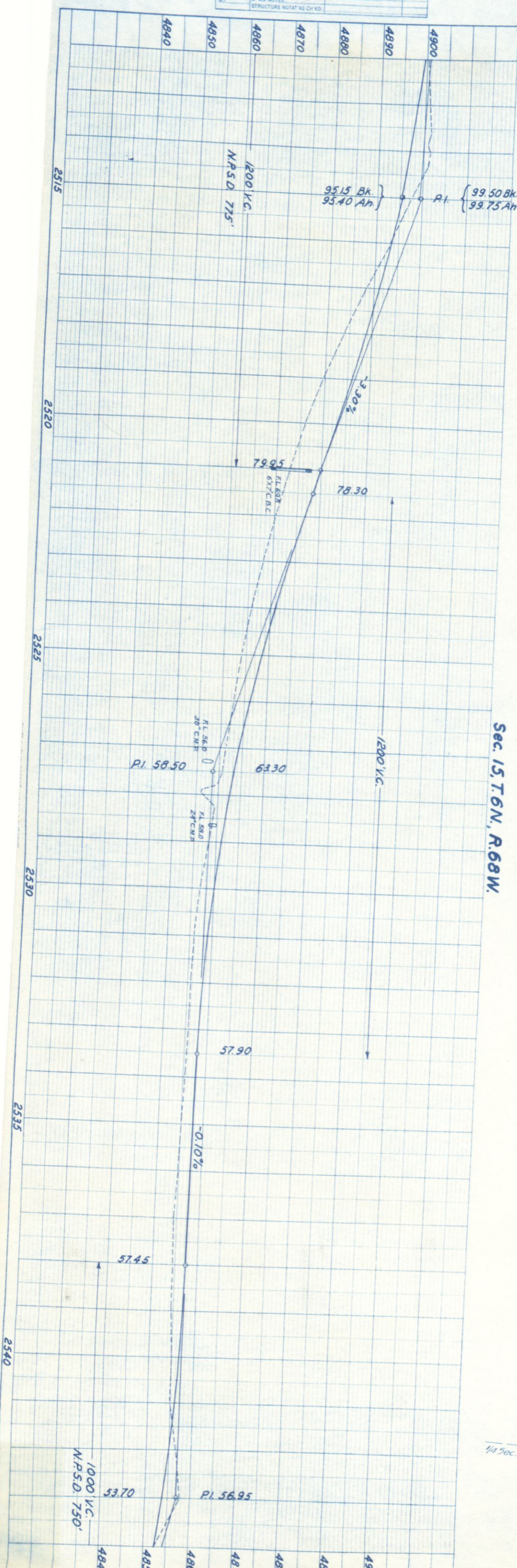
Harvey E. & Velma N. Cook

Phillip E. Wm. K. & Richard H. Riddell

PLAN	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED	J.H. MEYER	12-11-41
	ALIGNMENT CHECKED	C.D. COLLIER	12-10-41
	RT. OF WAY CHECKED		



PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	GRADES CHECKED		
	B.M.S. NOTED		
	STRUCTURE NOTATION CH KD.		



Sec. 15, T.6N., R.68W.

RIGHT OF WAY MAP

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	FAI-44(3)	14	

Rev. 8-15-46 No. 25 W.H.Q.
Rev. 9-29-46 No. 25
Rev. 11-7-46 FEB. Owners' ships.
Rev. 10-6-59 (to show Access) JLS

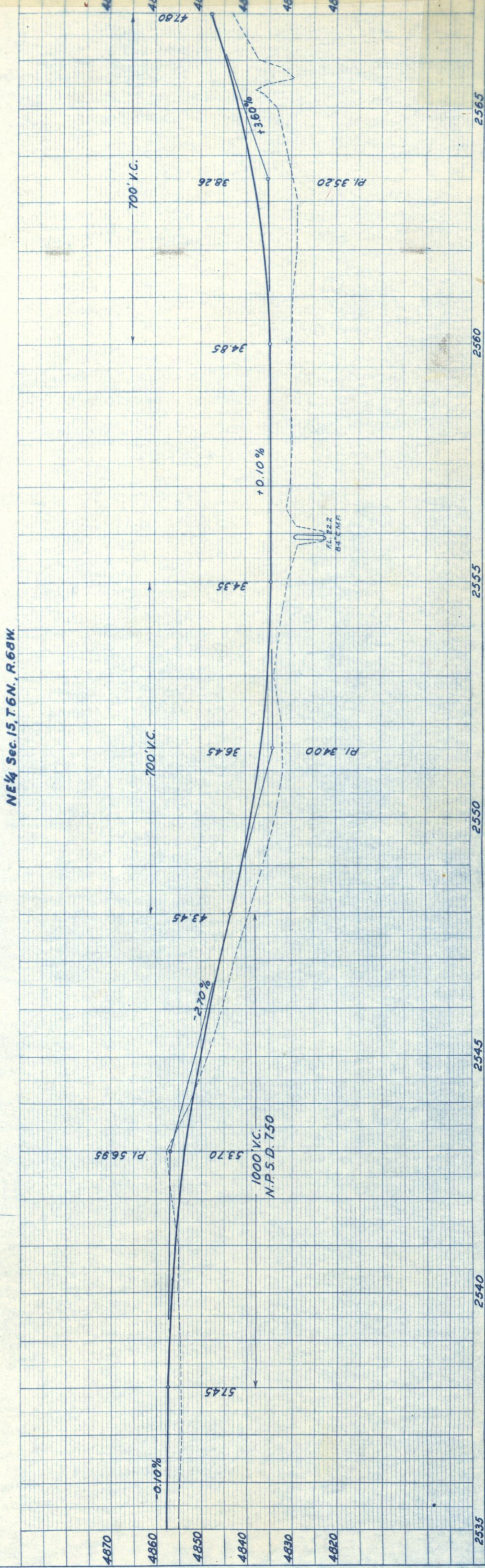
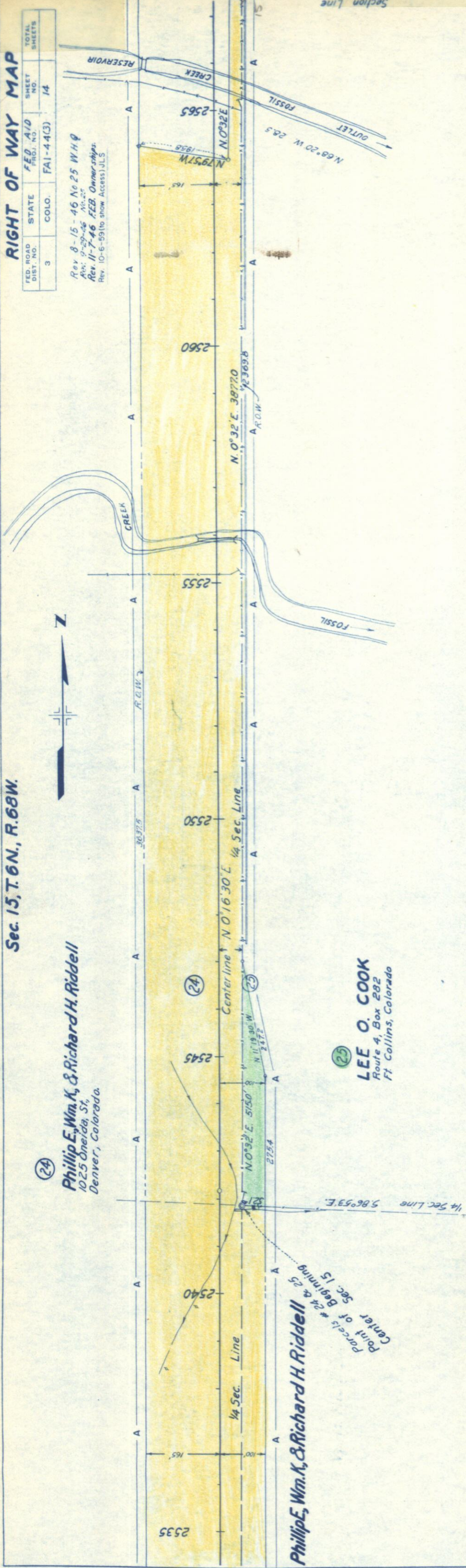
Philip E. Wm. K. & Richard H. Riddell
1025 Oneida St.,
Denver, Colorado.

LEE O. COOK
Route 4, Box 282
Ft. Collins, Colorado

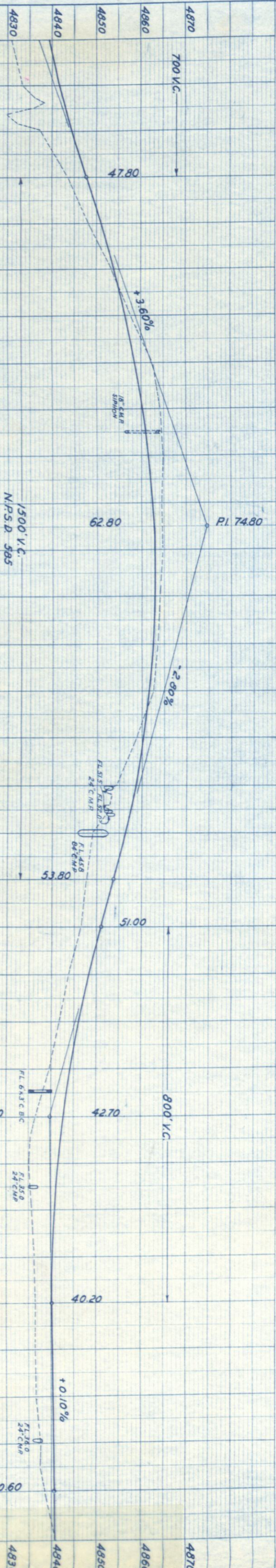
Philip E. Wm. K. & Richard H. Riddell

PLAN	NO.
NOTE BOOK	BT OF WAY CHECKED
PLOTTED	ALIGNED CHECKED
DATE	DATE

PROFILE	NO.
STRUCTURE NOTED	CH. NO.
NOTE BOOK	BT OF WAY CHECKED
PLOTTED	ALIGNED CHECKED
DATE	DATE

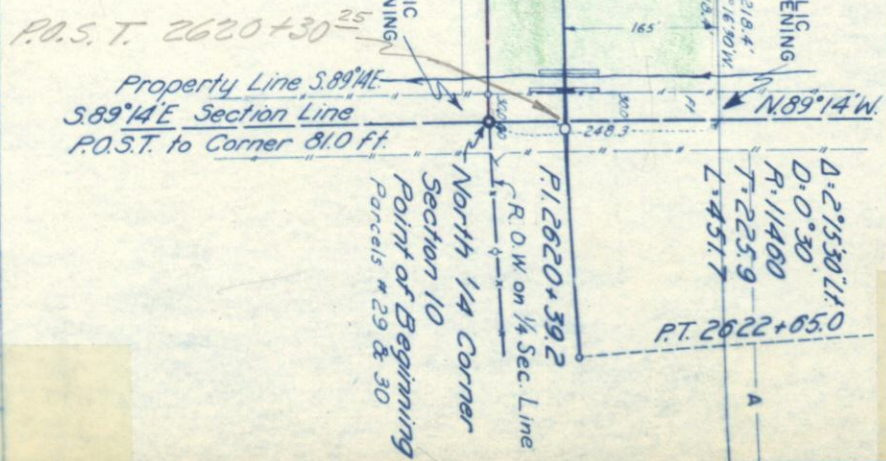


PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	GRADES CHECKED		
	B. M. S. NOTED		
	STRUCTURE NOTATIONS CHECKED		



RIGHT OF WAY MAP				
FED. ROAD DIST. NO.	STATE	FED. A/D PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	FAI-4431	15	

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	GRADES CHECKED		
	B. M.'S NOTED		
	STRUCTURE NOTATIONS CHECKED		



Right of Way Map

FED. ROAD DIST. NO.	STATE	FED. AID. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	FAI-443)	16	

SW 4 Sec. 3, T6N, R68W.

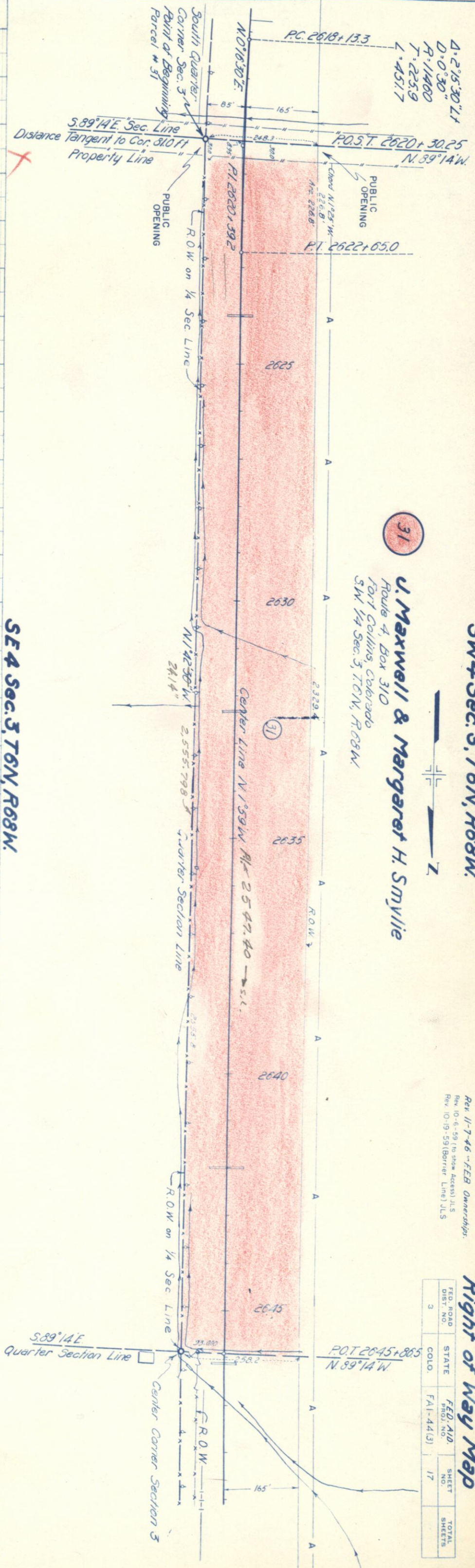
Rev. 11-7-46 - F.E.B. Ownership.
Rev. 10-6-59 (to show Access) JLS
Rev. 10-19-59 (Barrier Line) JLS

Right of Way Map

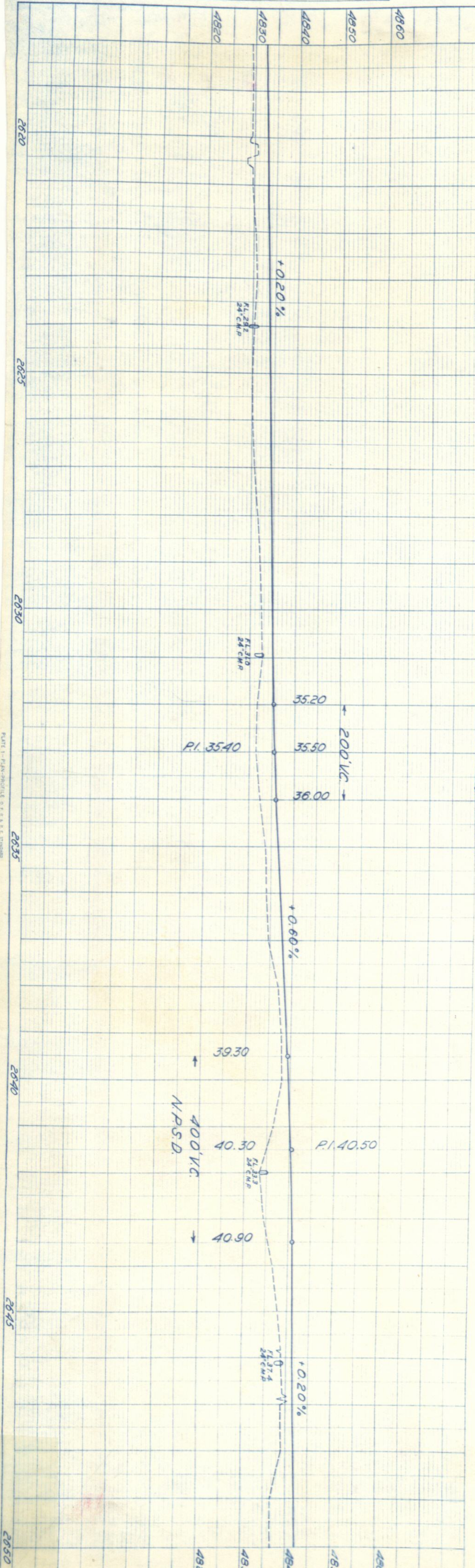
FED. ROAD DIST. NO.	STATE	FED. AID. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	FAI-44(3)	17	

31
J. Maxwell & Margaret H. Smylie
Route 4, Box 310
Fort Collins, Colorado
SW 1/4 Sec. 3, T6N, R68W.

PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED & Traced	J. H. Maxwell S. J. Churchill	1947 11-7
	ALIGNMENT CHECKED		
	RT. OF WAY CHECKED		



PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	GRADES CHECKED		
	8 M.S. NOTED		
	STRUCTURE NOTAT NS CHKD.		

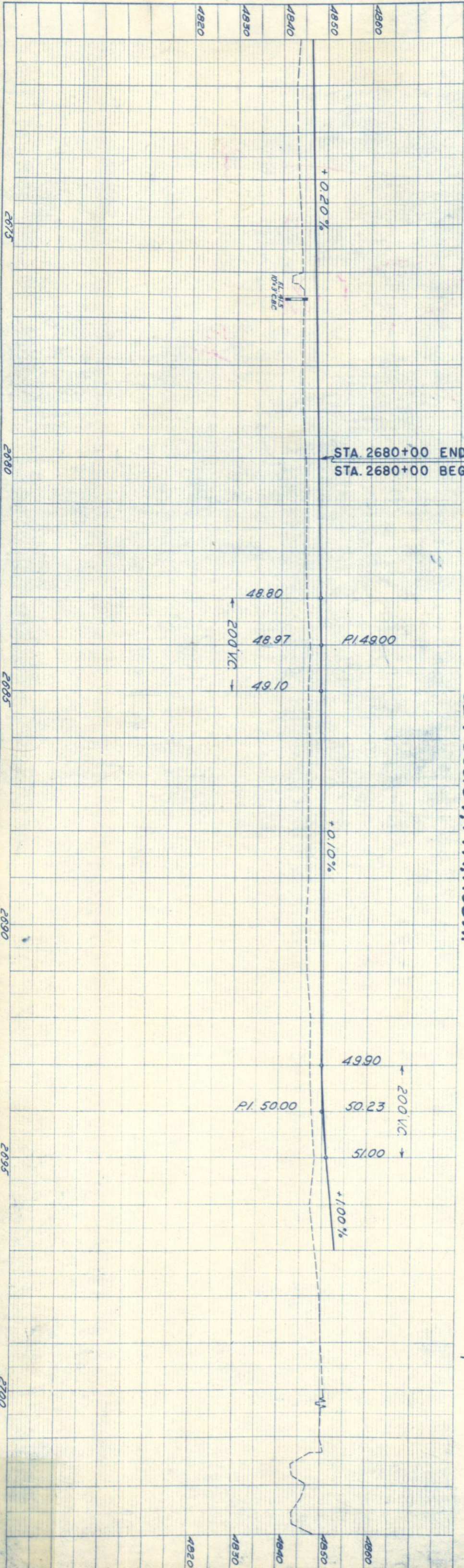


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NOTE BOOK	PLOTTED		
NO	GRADES CHECKED		
	B. M.'S. NOTED		
	STRUCTURE NOTAT'NS CHK'D.		

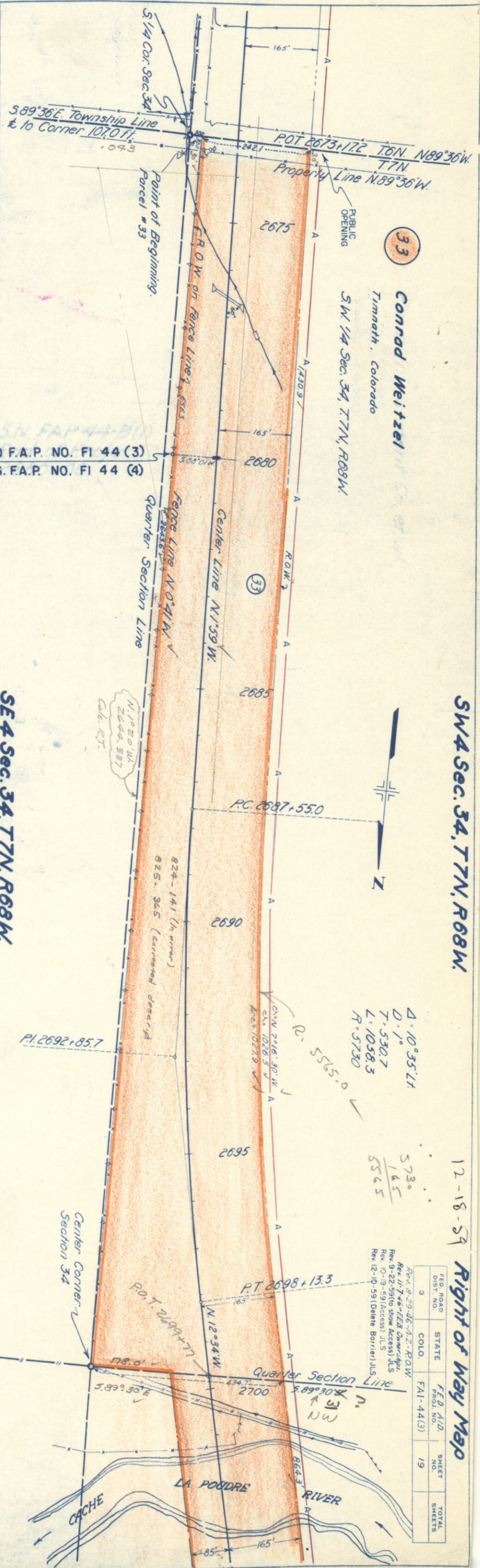


PROFILE	BY	DATE
SURVEYED		
NOTE BOOK		
NO.		
GRADES CHECKED		
B. N/A NOTED		
STRUCTURE NOTAT'NS CH KD		

PLAN	BY	DATE
SURVEYED	J. P. Miller	12/17
NOTE BOOK	J. P. Miller	11/10
NO.		
ALIGNMENT CHECKED		
RT. OF WAY CHECKED		



SE 4 Sec. 34, T7N, R68W.



SW 4 Sec. 34, T7N, R68W.

12-18-59

Right of Way Map

FED. ROAD DIST. NO.	STATE	COLO.	FED. AID. PROJ. NO.	FAL-44(3)	SHEET NO.	TOTAL SHEETS
3					19	

Rev. 9-29-45-A-2-R.O.W.
Rev. 11-7-46-FED. Ownership
Rev. 9-22-59(10 show Access) JLS
Rev. 10-19-59 (Access) JLS
Rev. 12-10-59 (Delete Barrier) JLS

$\Delta = 10^{\circ}35'41''$
 $D = 1^{\circ}$
 $T = 530.7$
 $L = 1058.3$
 $R = 5730$

5730
 145
 5565

N.W. 1/4 SEC. 34
T. 7 N. R. 68 W.

NOTE:
Access Ah. STA. 2705 + 91.
See Proj. FAI - F.I. 44(4)

New sheet 8/29/46
Rev 11-7-46 - F.E.B. Owner's
Rev. 9-22-59 (to show Access) JLS
Rev 10-19-59 (access) JLS

SW 1/4 SEC. 2
T. 7 N., R. 68 W.

FED ROAD DIST. NO.	STATE	SN-FED AID PROJ NO	SHEET NO.	TOTAL SHEETS
3	COLO.	FA.1.4(3)	20	

New shaft alignment

