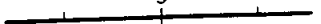
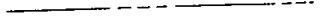
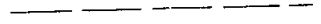
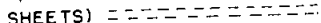


DIV. NO.	DISTRICT	PROJ. NO.	NO.
9	COLO.	S 0086(2)	1

RIGHT OF WAY Rev. 12-21-50 T.L.K.

CONVENTIONAL SIGNS

- CENTER LINE 
- RIGHT-OF-WAY LINE 
- COUNTY LINE 
- SECTION LINE 
- QUARTER SECTION LINE 
- RAILROAD 
- BARBED WIRE FENCE 
- WOVEN WIRE-COMBINATION FENCE 
- TELEPH. & TELEG. LINE 
- POWER LINE 
- PRESENT ROAD (PLAN SHEETS) 

5280
29400
426+00
42+80
478+80
484+00
294

COLORADO STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED FEDERAL AID SECONDARY PROJECT NO. S0086(2) STATE HIGHWAY NO. 72 JEFFERSON COUNTY

INDEX OF SHEETS

SHEET NO.	TITLE SHEET
2A-2B	TABULATION OF PROPERTIES
3-12	PLAN AND PROFILE SHEETS
	SHOWING RIGHT OF WAY
13-14	OWNERSHIP MAP

NOTE:

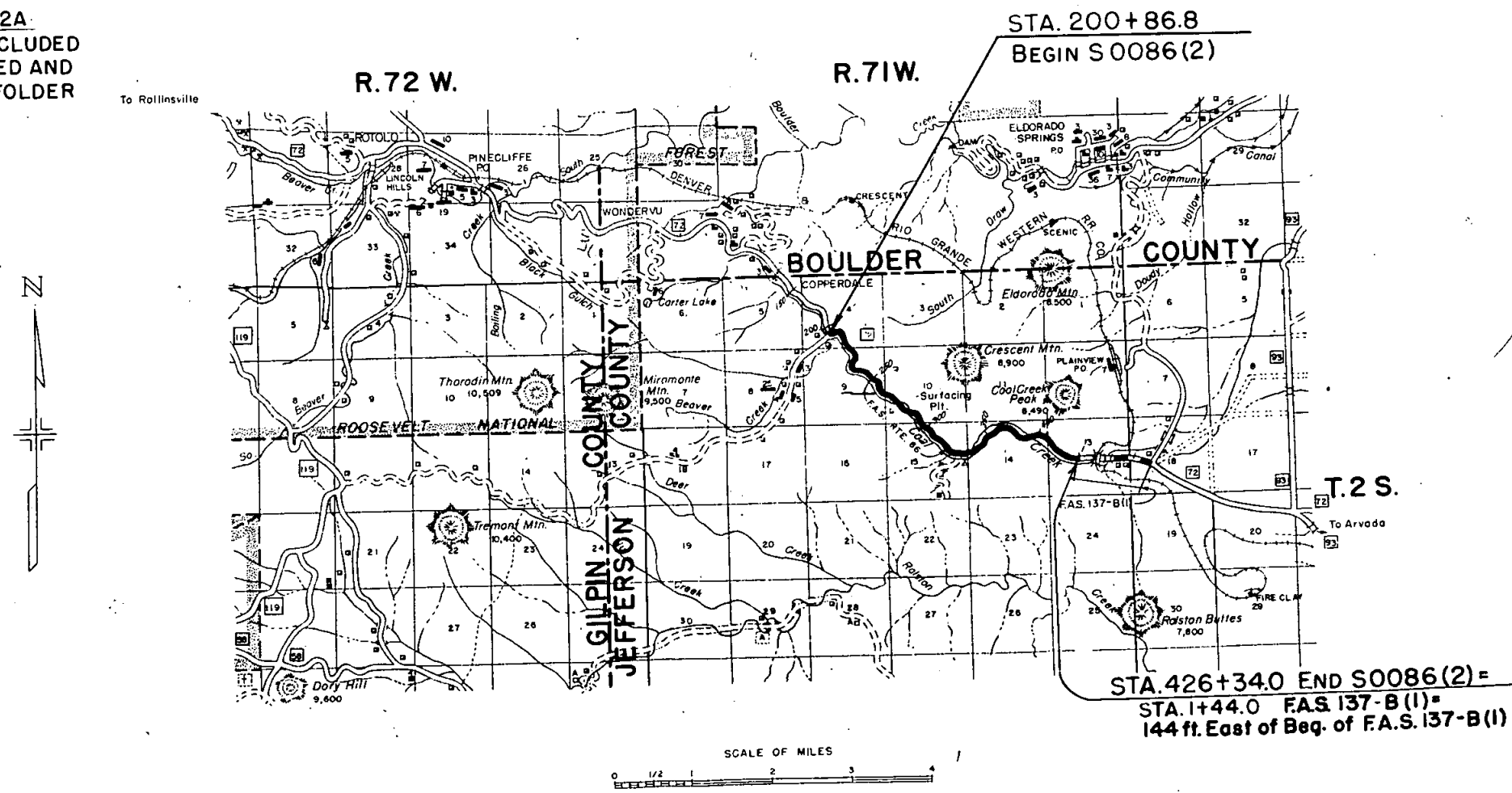
ORIGINAL PROJECT, S0086 (2),
STA. 137+15.2 to 426+34.0,
COVERING PARCELS 1A to 27C.

PROJECT CUT BACK TO BEGINNING
STA. 200+86.8- END STA. 426+34.0,
COVERING PARCELS 15- 27C INCLUSIVE
AND 12B, 12C, 12D & 12E.

DESCRIPTIONS FOR PARCELS 1A-12A
INCLUSIVE AND 13 & 14 ARE NOT INCLUDED
IN THE PROJECT BUT WERE FIGURED AND
WRITTEN, THEN PLACED IN PLAN FOLDER
FOR S 0086 (2).

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

RIGHT OF WAY



STA. 200+86.8
BEGIN S0086(2)

STA. 426+34.0 END S0086(2) =
STA. 1+44.0 F.A.S. 137-B(1) =
144 ft. East of Beg. of F.A.S. 137-B(1)

R.O.W. TABULATION OF PROPERTIES IN JEFFERSON COUNTY S.H.No. 72 PROJ. S 0086(2)

Rev. 3-15-51 J.D.M.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0086 (2)	2-B	12

RIGHT OF WAY

PARCEL NO.	OWNER	ADDRESS	LOCATION	AREA IN ACRES							REMARKS	NO.
				TOTAL LAND IN TRACT	PARCEL	TO BE ACQUIRED						
			T. 2 S. R. 71 W.									
19 Rev.	Chas. I. & Marion Shoop Ruble	2938 Cherry St., Denver, Colorado	SW 1/4 of SW 1/4 Sec. 10		0.607	0.316						
20 Rev.	Edward E. Holzworth	3629 W. 23rd Ave, Denver, Colorado	E. 1/2 of SW 1/4		4.520	2.385						
21	Lillian R. Ferguson	1241 Ogden St., Denver, Colorado	NW 1/4 Sec. 15		1.316	0.476						
22	Jack P. Berry & Glessna Callbeck	Rt. 2 Box 171 Golden, Colorado	NE 1/4 Sec. 15		7.487	2.460						
23	John N. & Rose Anderson	Rt. 2 Box 170 Golden, Colorado	SW 1/4 of NW 1/4 Sec. 14		0.152	0.150						
25	Glessna Johnstone & Glessna Johnstone Callbeck	Rt. 2 Box 171 Golden, Colorado	SW 1/4 of NW 1/4 Sec. 14		2.204	1.116						
26	Ray Talcott	3060 W. 38th Ave., Denver, Colorado	NW 1/4 Sec. 14		4.523	1.675						
27 A	Charles E. & Louise Wilson	Rt. 2 Golden, Colorado	S 1/2 Sec. 11		2.348	1.046						
27 B	Charles E. & Louise Wilson	Rt. 2 Golden, Colorado	NE 1/4 Sec. 14		5.634	0.712						
27 C	Charles E. & Louise Wilson	Rt. 2 Golden, Colorado	NW 1/4 Sec. 13		5.240	1.875						
24	A.G. Brumm	Rt. 2 Golden, Colorado	SW 1/4 of NW 1/4 Sec. 14		0.104	0.104						

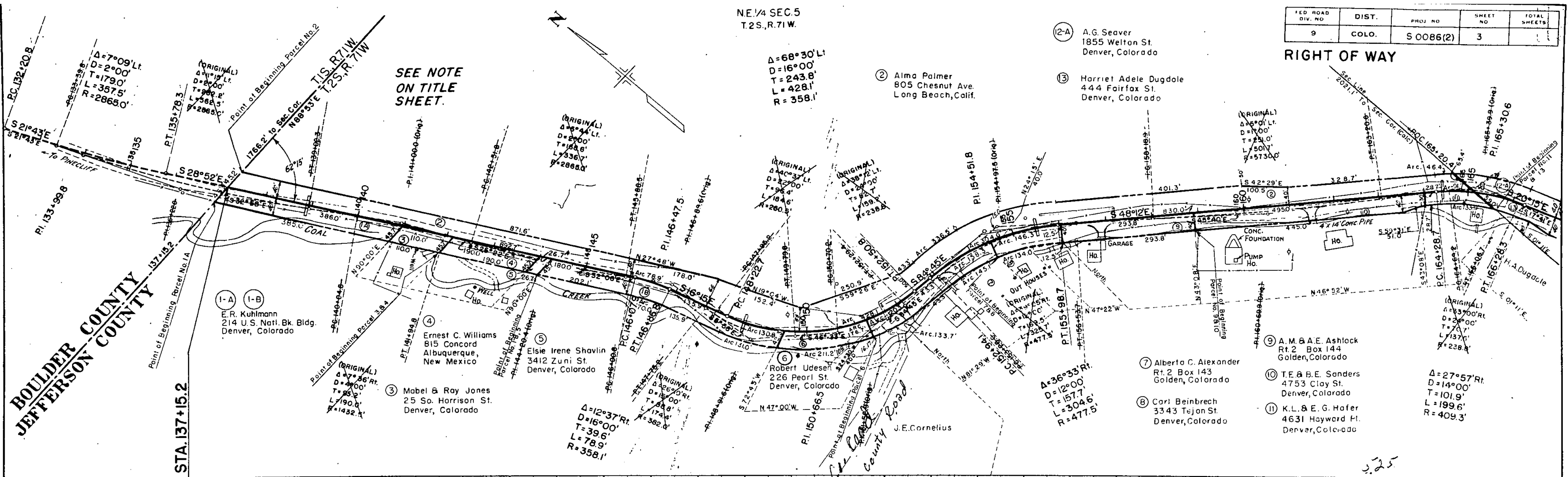
R.O.W. TABULATION OF PROPERTIES IN JEFFERSON COUNTY S.H.No.72 PROJ. S0086(2)

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0086(2)	2 A	

RIGHT OF WAY Rev. 12-21-50 T.L.K.
Rev. 3-15-51 J.D.M.

PARCEL NO.	OWNER	ADDRESS	LOCATION	AREA IN ACRES							REMARKS	NO.
				TOTAL LAND IN TRACT	PARCEL	TO BE ACQUIRED						
			T.2S., R.71W.									
1-A	E.R.Kuhlmann	214 U.S. Nat'l. Bank Bldg. Denver, Colorado	NE 1/4 Sec. 5		0.354	0.183						
1-B	E.R.Kuhlmann	214 U.S. Nat'l. Bank Bldg. Denver, Colorado	NE 1/4 Sec. 5		0.489	0.232						
2	Alma Palmer	805 Chestnut Ave. Long Beach, Calif.	NE 1/4 Sec. 5		3.041	1.452						
3	Mabel B. Ray Jones	25 So. Harrison St. Denver, Colorado	NE 1/4 Sec. 5		0.101	0.006						
4	Ernest C. Williams	815 Concord Albuquerque, New Mexico	NE 1/4 Sec. 5		0.175	0.115						
5	Elsie Irene Shovlin	3412 Zuni St. Denver, Colorado	NE 1/4 Sec. 5		0.025	0.015						
6	Robert Udesen	226 Pearl St. Denver, Colorado	NE 1/4 Sec. 5		0.179	0.091						
7	Alberto C. Alexander	Rt. 2 Box 143 Golden, Colorado	NE 1/4 Sec. 5		0.296	0.003						
8	Carl Beinbrech	3543 Tejon St. Denver, Colorado	NE 1/4 Sec. 5		0.140	0.003						
9	Arthur M. S. Alleane E. Ashtock	Rt. 2 Box 144 Golden, Colorado	NE 1/4 Sec. 5		0.270	0.112						
10	Byrdie B. & Thomas E. Saunders	4733 Clay St. Denver, Colorado	NE 1/4 Sec. 5		0.449	0.148						
11	Kenneth L. & Evelyn G. Hafer	4631 Hayward Pl. Denver, Colorado	NE 1/4 Sec. 5		0.037	0.023						
12-A	A.G. Seaver	1855 Welton St. Denver, Colorado	SW 1/4 of NW 1/4 Sec. 4		1.241	0.537						
12-B	A.G. Seaver	1855 Welton St. Denver, Colorado	SW 1/4 of SE 1/4 Sec. 4		0.068	0.050						
12-C	A.G. Seaver	1855 Welton St. Denver, Colorado	E 1/2 Sec. 9		8.349	3.933						
12-D Rev.	A.G. Seaver	1855 Welton St. Denver, Colorado	W 1/2 of SW 1/4 Sec. 10		3.121	1.283						
12-E Rev.	A.G. Seaver	1855 Welton St. Denver, Colorado	SW 1/4 of SW 1/4 Sec. 10		0.447	0.261						
13	Harriet Adele Dugdale	444 Fairfax St. Denver, Colorado	SW 1/4 of NW 1/4 Sec. 4		0.596	0.419						
14	C. R. Anthony	% C.R. Anthony Co. Oklahoma City, Oklahoma	SW 1/4 of NW 1/4 Sec. 4		0.634	0.161						
15	E.R. Kuhlmann & Greta C. Martin	214 U.S. Nat'l. Bank Bldg. Denver, Colorado	SW 1/4 Sec. 4		4.819	1.176						
16	Patrick J. Berry	Rt. 2 Box 150 Golden, Colorado	SW 1/4 Sec. 4		0.004	0.004						
17	Clara L. Martin	Rt. 2 Box 165 Golden, Colorado	SE 1/4 of SW 1/4 Sec. 4		2.064	0.397						
18	Charles E. Loomis	201 19th. St. Munnatten Beach, Calif.	N.W. 1/4 & N.E. 1/4 Sec. 9		1.151	0.320						

NOTE:
PARCELS 1A-12A INCLUSIVE AND 13 & 14
ARE NOT INCLUDED IN THE PROJECT - SEE
NOTE ON TITLE SHEET.



FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S 0086(2)	3	1

RIGHT OF WAY

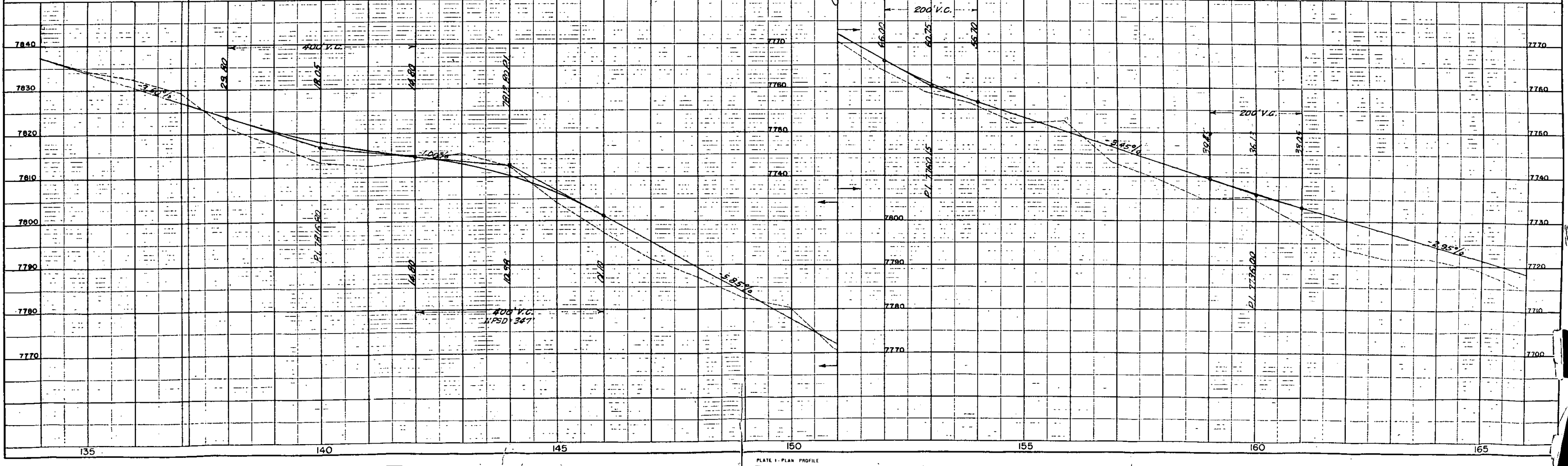


PLATE 1 - PLAN PROFILE

FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S 0086(2)	3	

RIGHT OF WAY

NE 1/4 SEC. 5
T2S, R. 71W.

(12-A) A.G. Seaver
1855 Walton St.
Denver, Colorado

(2) Alma Palmer
805 Chesnut Ave.
Long Beach, Calif.

(13) Harriet Adele Dugdale
444 Fairfax St.
Denver, Colorado

(9) A.M. & A.E. Ashlock
Rt. 2 Box 144
Golden, Colorado

(7) Alberto C. Alexander
Rt. 2 Box 143
Golden, Colorado

(8) Carl Beinbrech
3343 Tejon St.
Denver, Colorado

(10) T.E. & B.E. Sanders
4753 Cloy St.
Denver, Colorado

(11) K.L. & E. G. Hofer
4631 Hayward Pl.
Denver, Colorado

$\Delta = 27^{\circ}57' \text{Rt.}$
 $D = 14^{\circ}00'$
 $T = 101.9'$
 $L = 199.6'$
 $R = 409.3'$

$\Delta = 68^{\circ}30' \text{Lt.}$
 $D = 16^{\circ}00'$
 $T = 243.8'$
 $L = 428.1'$
 $R = 358.1'$

$\Delta = 36^{\circ}33' \text{Rt.}$
 $D = 12^{\circ}00'$
 $T = 157.7'$
 $L = 304.6'$
 $R = 477.5'$

$\Delta = 12^{\circ}37' \text{Rt.}$
 $D = 16^{\circ}00'$
 $T = 39.6'$
 $L = 78.9'$
 $R = 358.1'$

SEE NOTE
ON TITLE
SHEET.

BOULDER COUNTY
JEFFERSON COUNTY

STA. 137+15.2

(1-A) (1-B)
E.R. Kuhlmann
214 U.S. Natl. Bk. Bldg.
Denver, Colorado

(4) Ernest C. Williams
815 Concord
Albuquerque,
New Mexico

(3) Mabel & Roy Jones
25 So. Harrison St.
Denver, Colorado

(5) Elsie Irene Shovlin
3412 Zuni St.
Denver, Colorado

(6) Robert Udesen
226 Pearl St.
Denver, Colorado

J.E. Cornelius

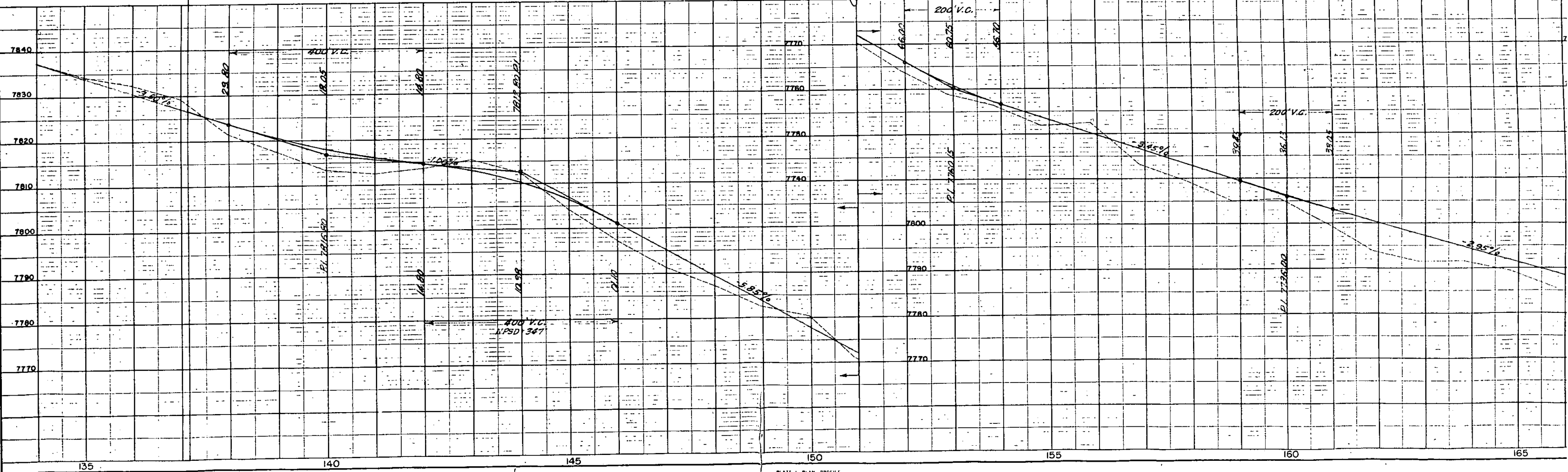


PLATE 1 - PLAN PROFILE

DATE	BY
DESIGNED	
CHECKED	
NOTED	
STRUCTURE NOTATION CHECKED	

DATE	BY
DESIGNED	
CHECKED	
NOTED	
STRUCTURE NOTATION CHECKED	

N.W. 1/4 SEC. 4
T.2S, R.71W

② Alma Palmer
805 Chestnut Ave
Long Beach, California

⑩ T.E. & B.E. Saunders
47 3 Clay St.
Denver, Colorado

$\Delta = 53^{\circ}18' \text{ Lt.}$
 $D = 12^{\circ}00'$
 $T = 239.6'$
 $L = 444.2'$
 $R = 477.5'$

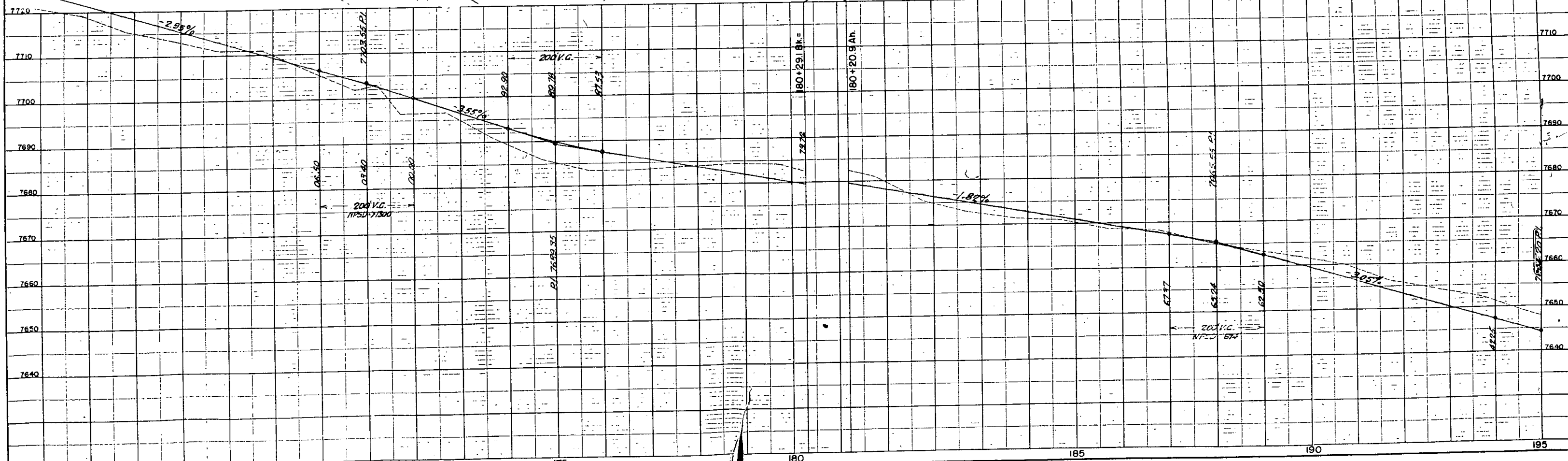
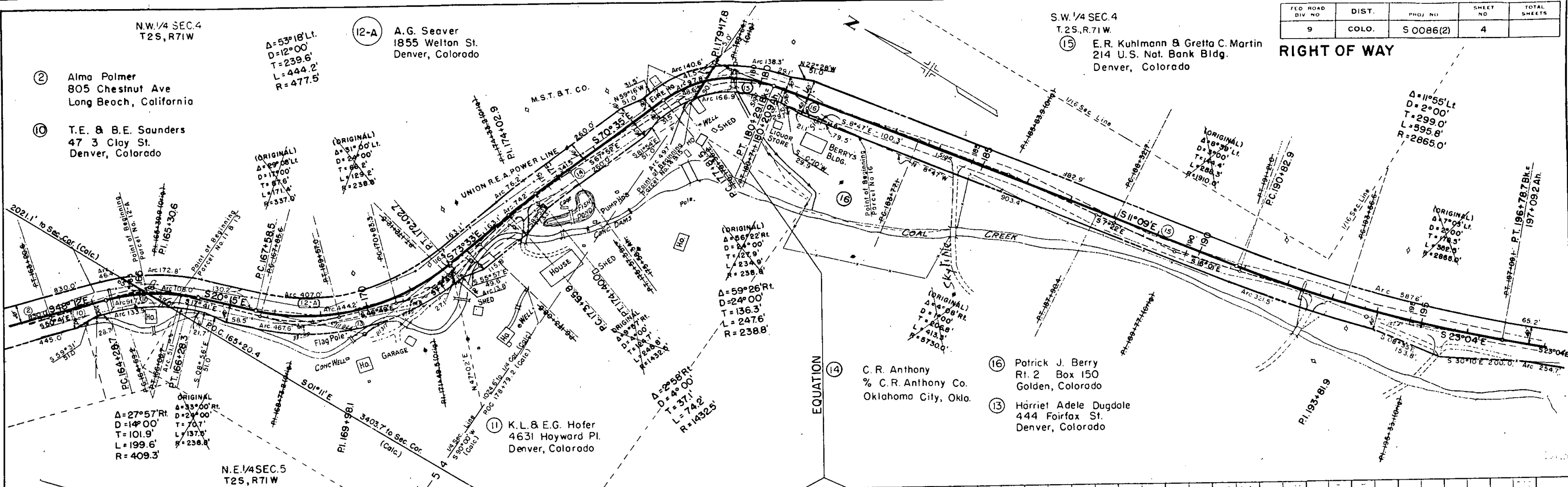
⑫-A A.G. Seaver
1855 Welton St.
Denver, Colorado

S.W. 1/4 SEC. 4
T.2S, R.71W

⑮ E.R. Kuhlmann & Gretta C. Martin
214 U.S. Nat. Bank Bldg.
Denver, Colorado

RIGHT OF WAY

FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S 0086(2)	4	



N.W. 1/4 SEC. 4
T.2S, R.71W

② Alma Palmer
805 Chestnut Ave
Long Beach, California

⑩ T.E. & B.E. Saunders
47 3 Clay St.
Denver, Colorado

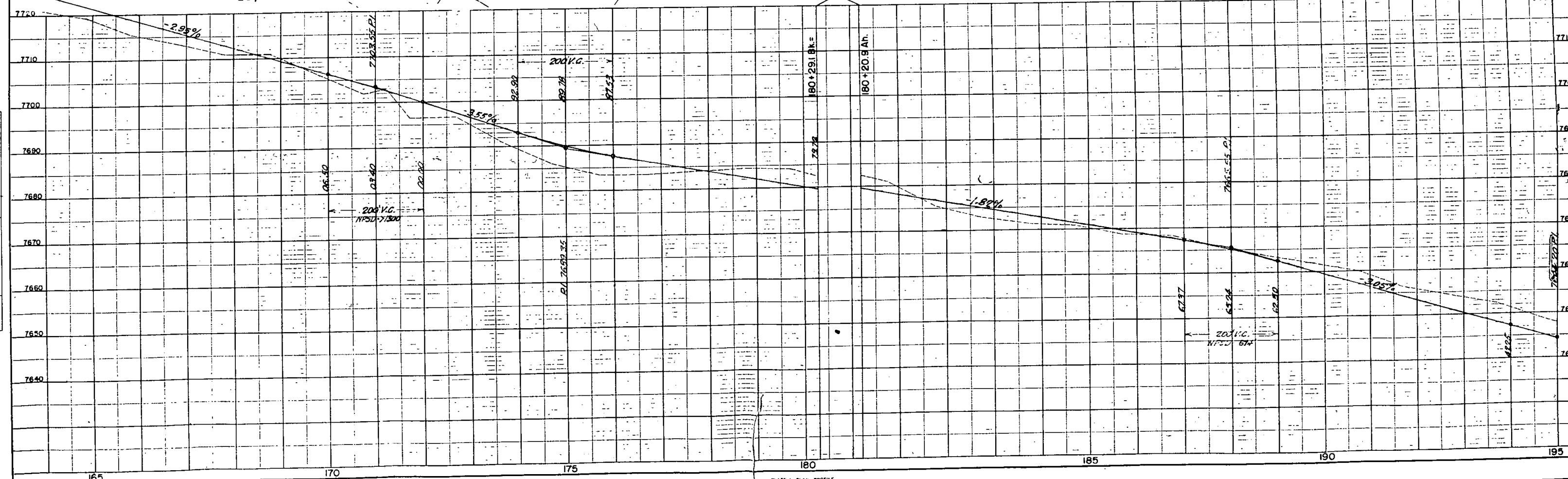
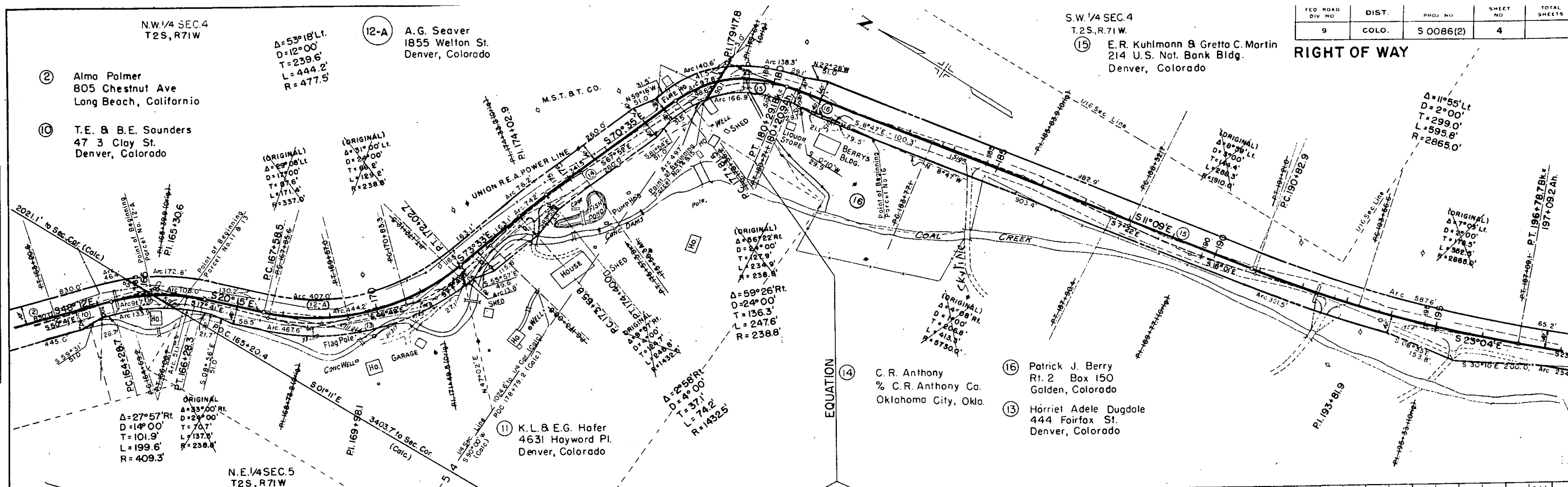
⑫-A A.G. Seaver
1855 Welton St.
Denver, Colorado

S.W. 1/4 SEC. 4
T.2S, R.71W

⑮ E.R. Kuhlmann & Gretta C. Martin
214 U.S. Nat. Bank Bldg.
Denver, Colorado

FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S 0086(2)	4	

RIGHT OF WAY



FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S0086(2)	5	

RIGHT OF WAY

N.E. 1/4 SEC. 9
T2S, R71W

(2B) A. G. Seaver
1855 Welford St.
Denver, Colorado

(18) Charles B. Loomis
201-19th St.
Manhattan Beach, Calif.

(17) Claro L. Martin
Rt. 2 Box 165
Golden, Colorado.

N.W. 1/4 SEC. 9
T2S, R71W

S.E. 1/4 SEC. 4
T2S, R71W

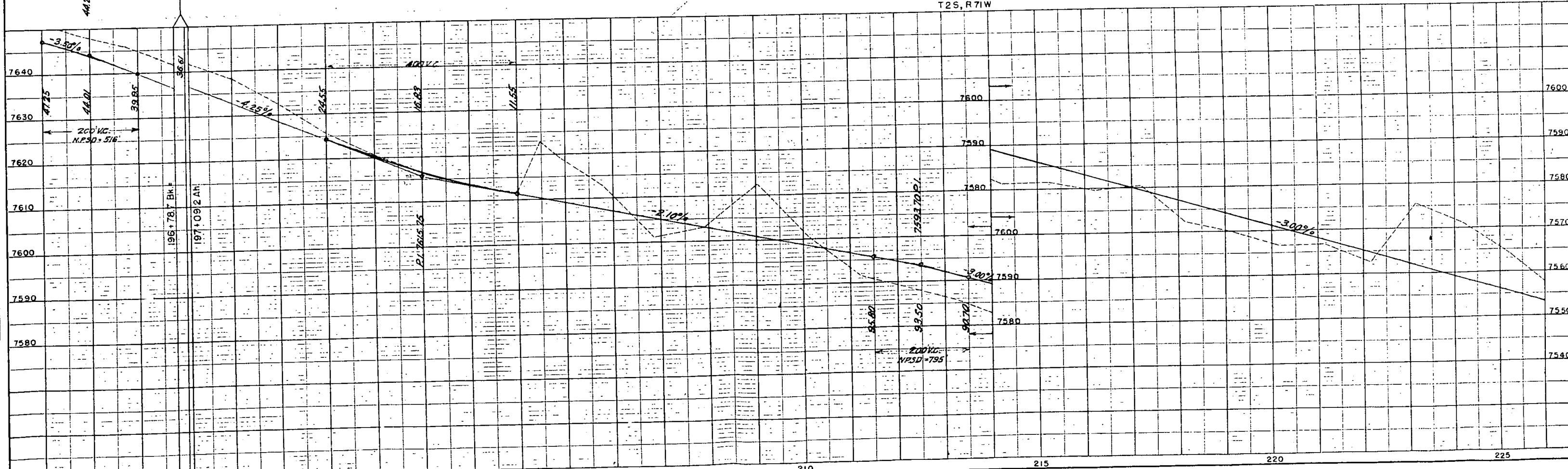
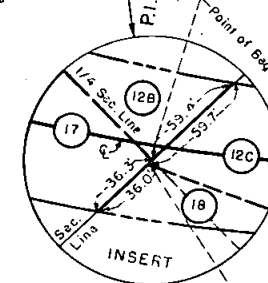
S.W. 1/4 SEC. 4
T2S, R71W

STA. 200+86.8 = BEGIN.
S 0086 (2)

SEE NOTE
ON TITLE
SHEET.

EQUATION

(15) E. R. Kuhlmann & Greta C. Martin
214 U.S. National Bank Bldg.
Denver, Colorado



210

215

220

225

NOTED:
ALIGNMENT CHECKED
RT. OF WAY CHECKED
NO.

NOTED:
GRADES CHECKED
STRUCTURE NOTATION CHG'D.
NO.

FED. ROAD DIST. PROJ. NO. SHEET NO. TO SHEET				
9	COLO.	S0086(2)	5	

RIGHT OF WAY

DATE	
BY	
PLANNED	
DESIGNED	
NOTED	
NO.	

DATE	
BY	
PLANNED	
DESIGNED	
NOTED	
NO.	

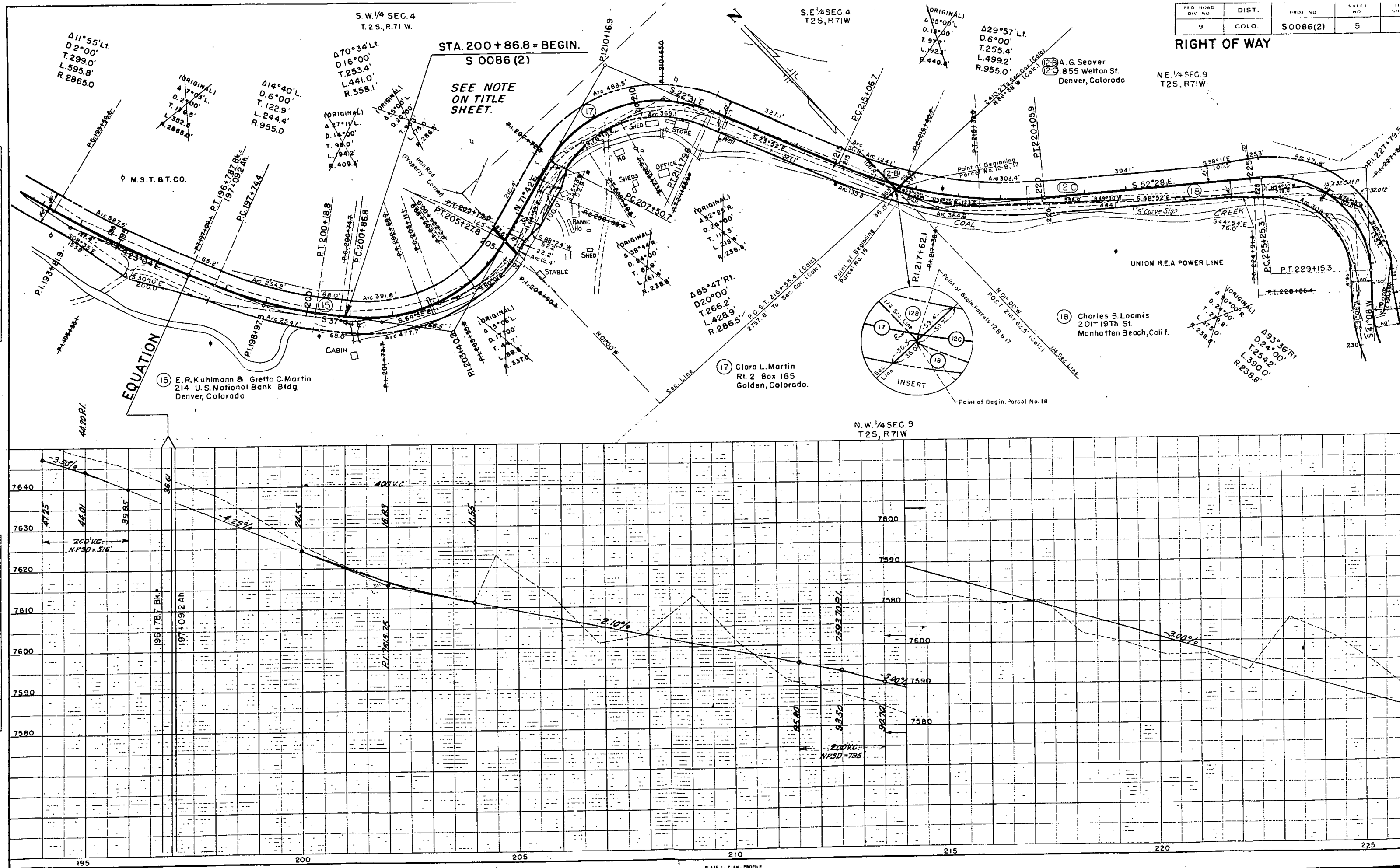


PLATE 1 - PLAN PROFILE

NW 1/4, Sec 9
T2S, R71W

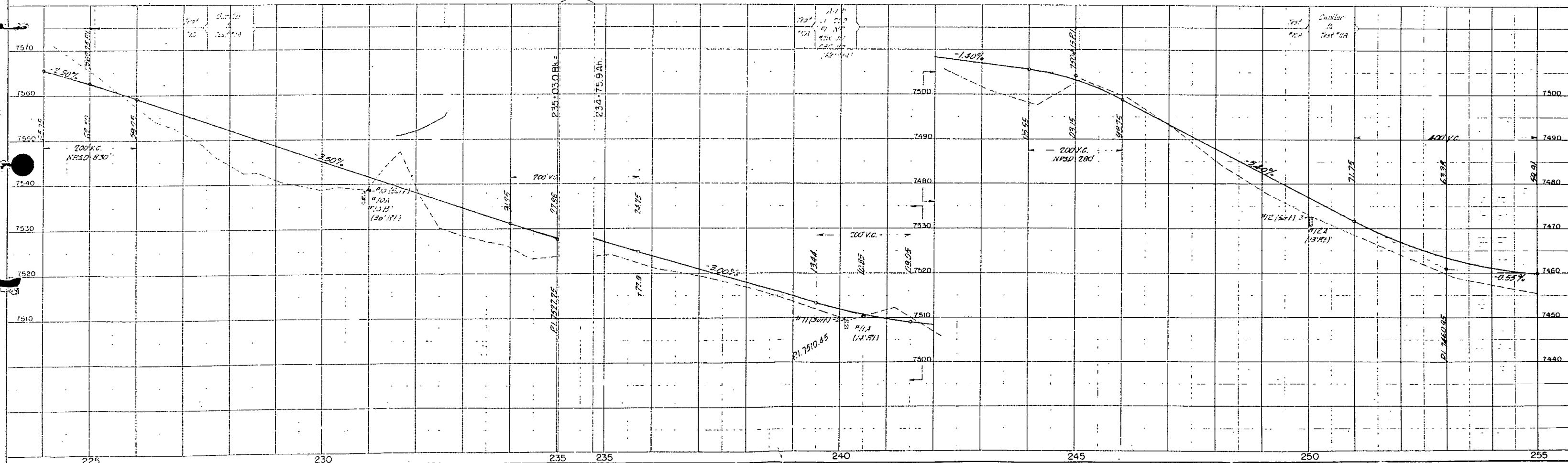
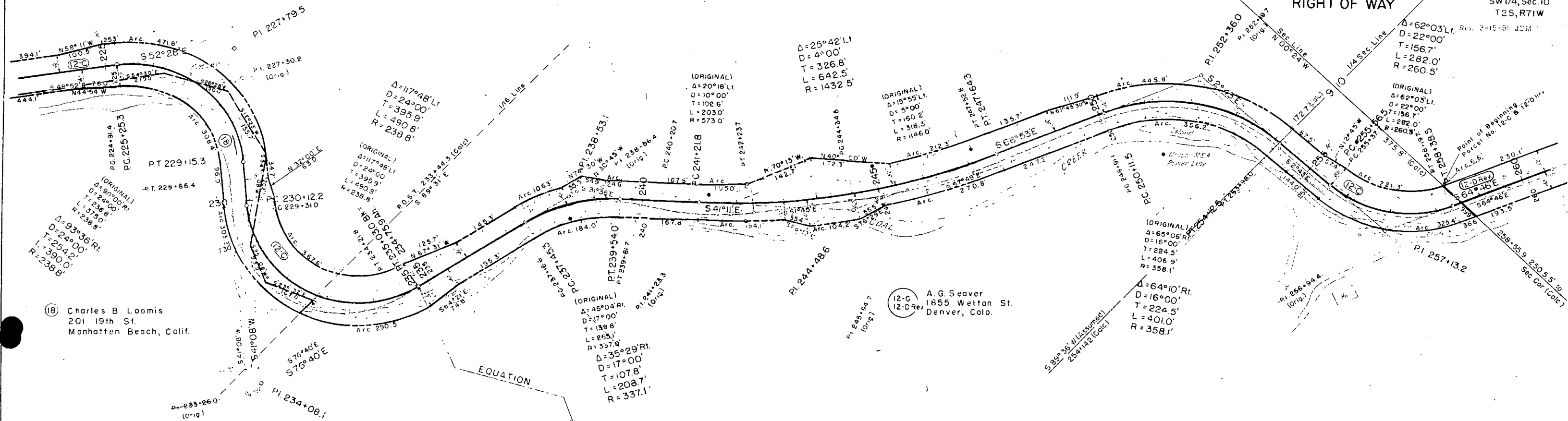
NW 1/4, Sec 10
T2S, R71W

FILE NO.	DIST	PROJECT NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S 0086(2)	6	

RIGHT OF WAY

SW 1/4, Sec. 10
T2S, R71W

Rev. 2-15-51 JDM



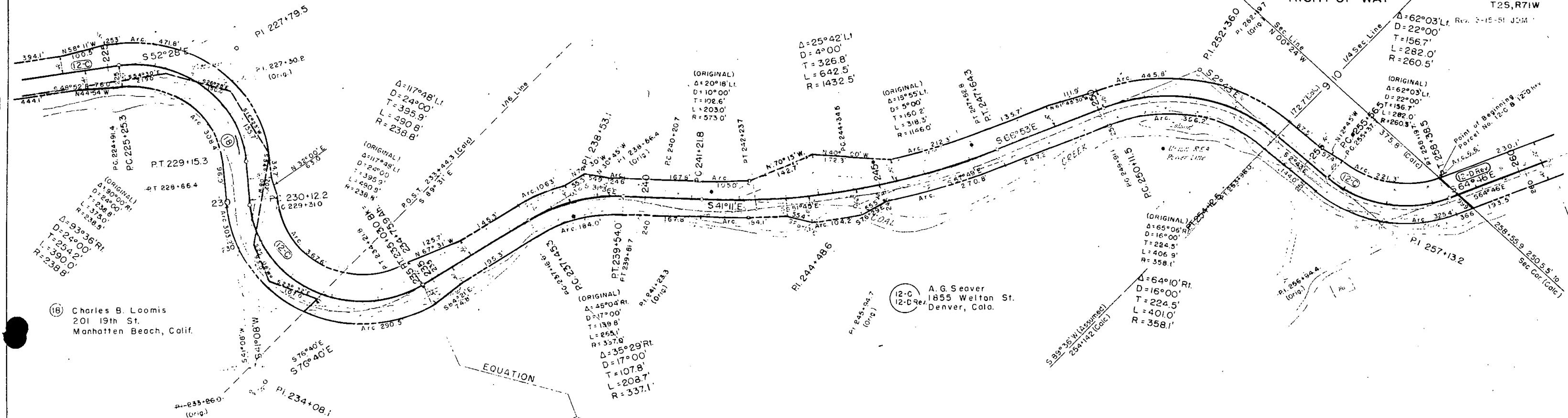
NE 1/4, Sec 9
T2S, R71W

NW 1/4, Sec 10
T2S, R71W

ED ROAD DIV. NO.	DIST	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S 0086(2)	6	

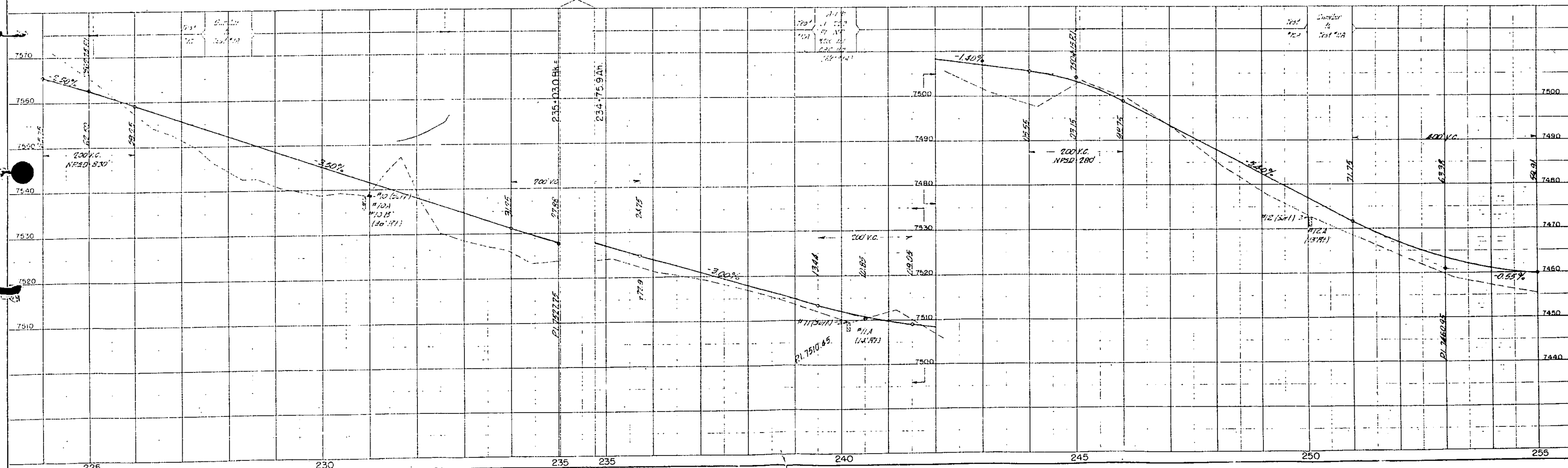
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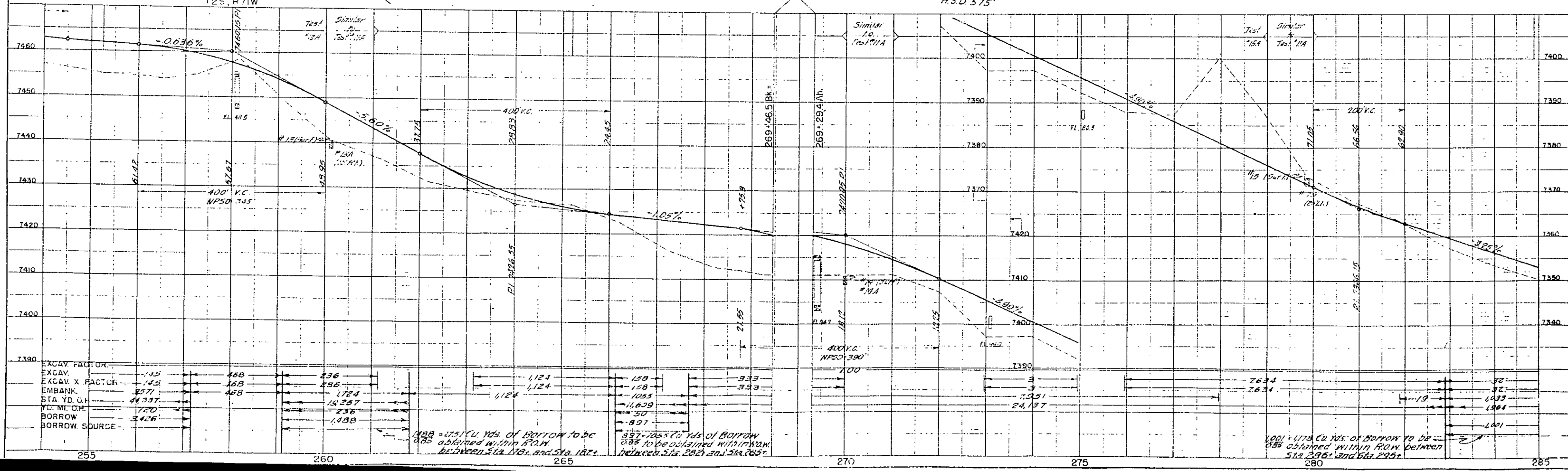
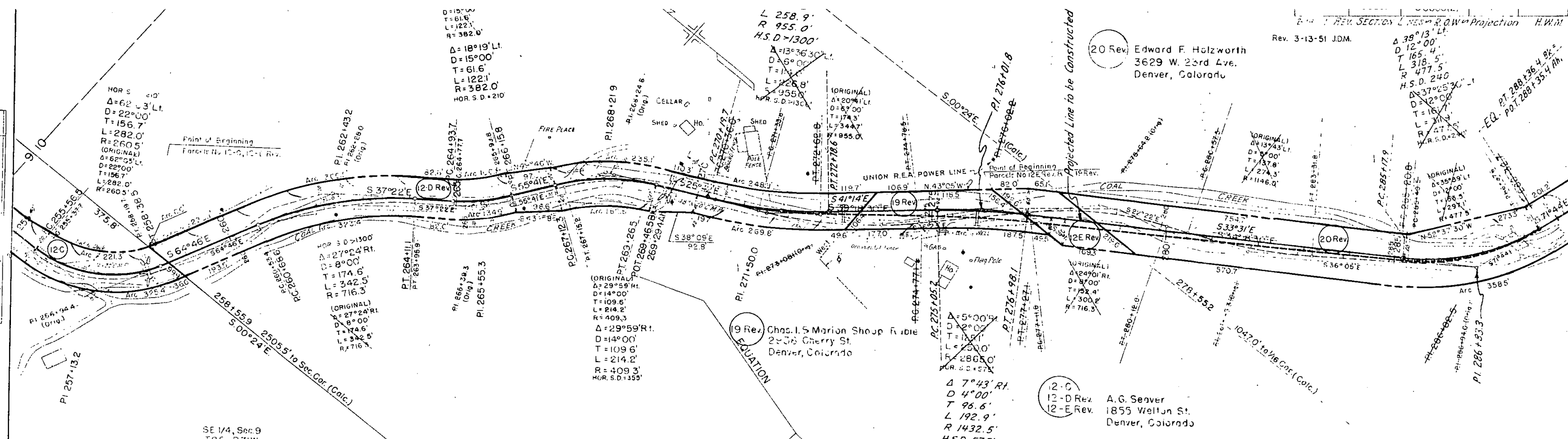
SW 1/4, Sec. 10
T2S, R71W



(18) Charles B. Loomis
201 19th St.
Manhattan Beach, Calif.

A. G. Seaver
1855 Welton St.
Denver, Colo.





Station	Excav Factor	Excav X Factor	Embank	Sta Yd. Ch	Yd. M. Ch	Borrow	Borrow Source
255	145	145	168	177	170	3426	
260	168	168	1724	1724	1724	1724	
265	1124	1124	1124	1124	1124	1124	
270	159	159	159	159	159	159	
275	933	933	933	933	933	933	
280	7634	7634	7634	7634	7634	7634	
285	92	92	92	92	92	92	

SW 1/4, Sec. 10
T2S, R71W

T2S, R71W

FILE NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S 0086(2)	8	

RIGHT OF WAY

Rev. 3-15-51 JDM.

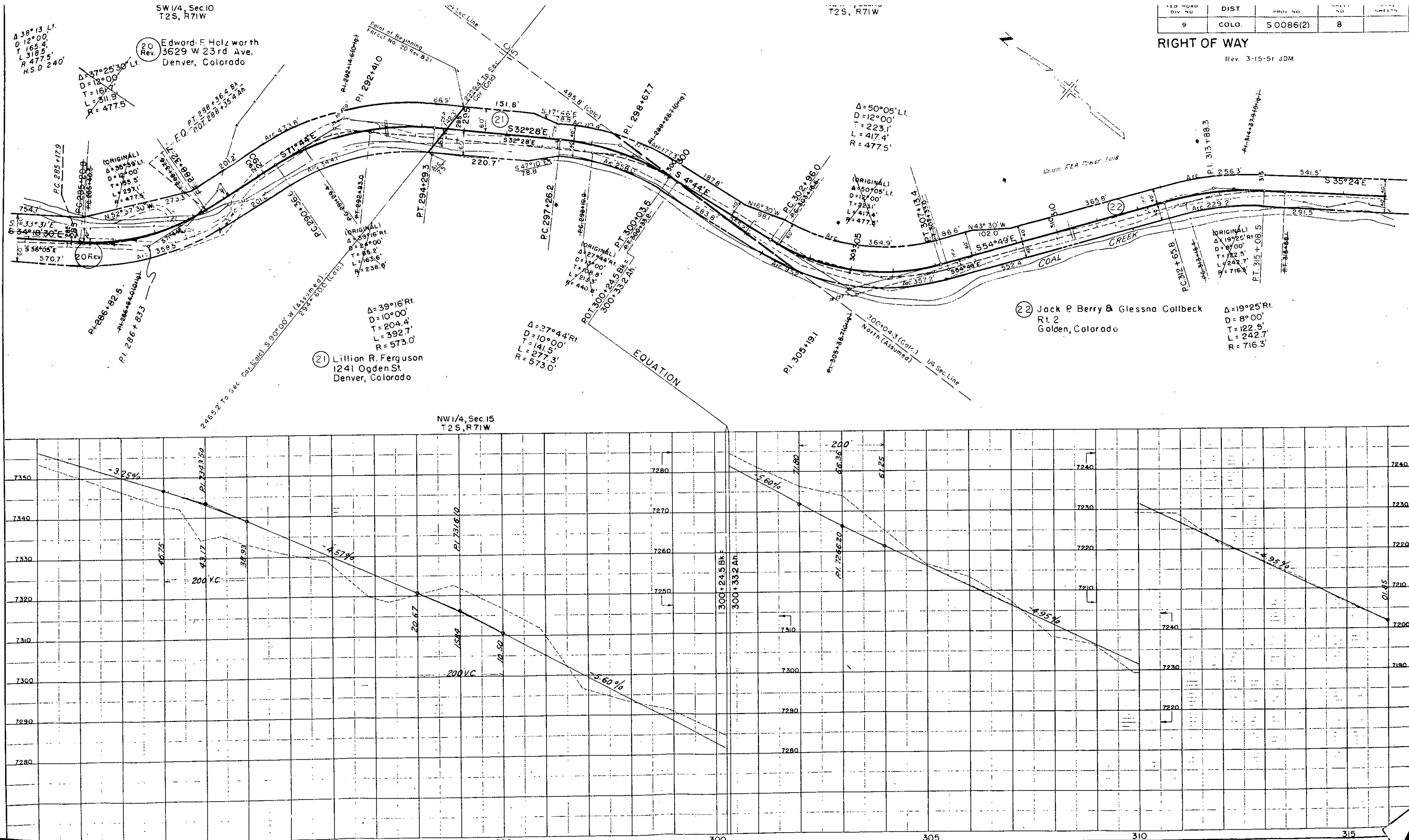
20 Edward F. Holzworth
3629 W 23rd Ave.
Denver, Colorado

21 Lillian R. Ferguson
1241 Ogden St.
Denver, Colorado

22 Jack P. Berry & Glessna Collbeck
Rt. 2
Golden, Colorado

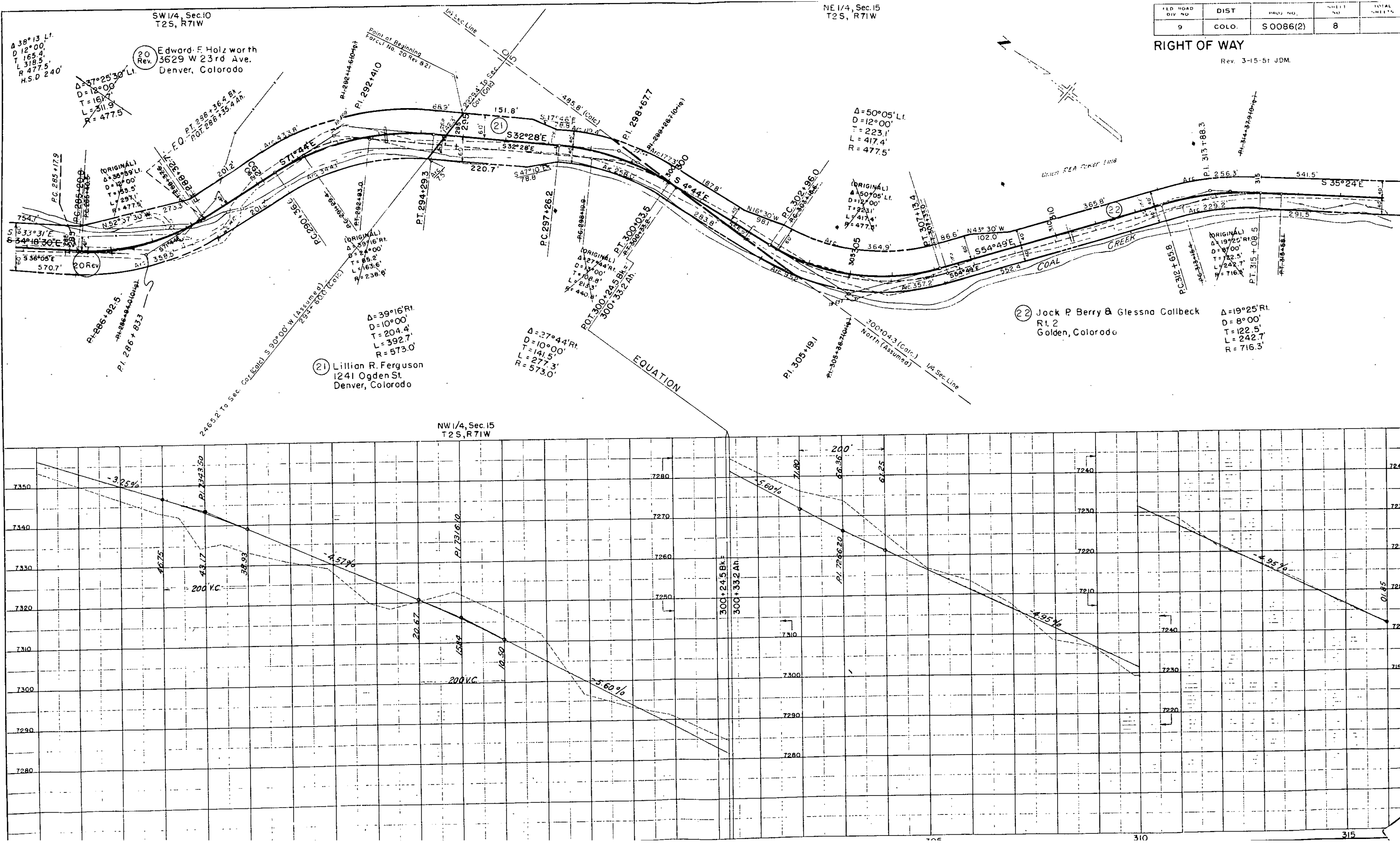
22 Jack P. Berry & Glessna Collbeck
Rt. 2
Golden, Colorado

NW 1/4, Sec. 15
T2S, R71W



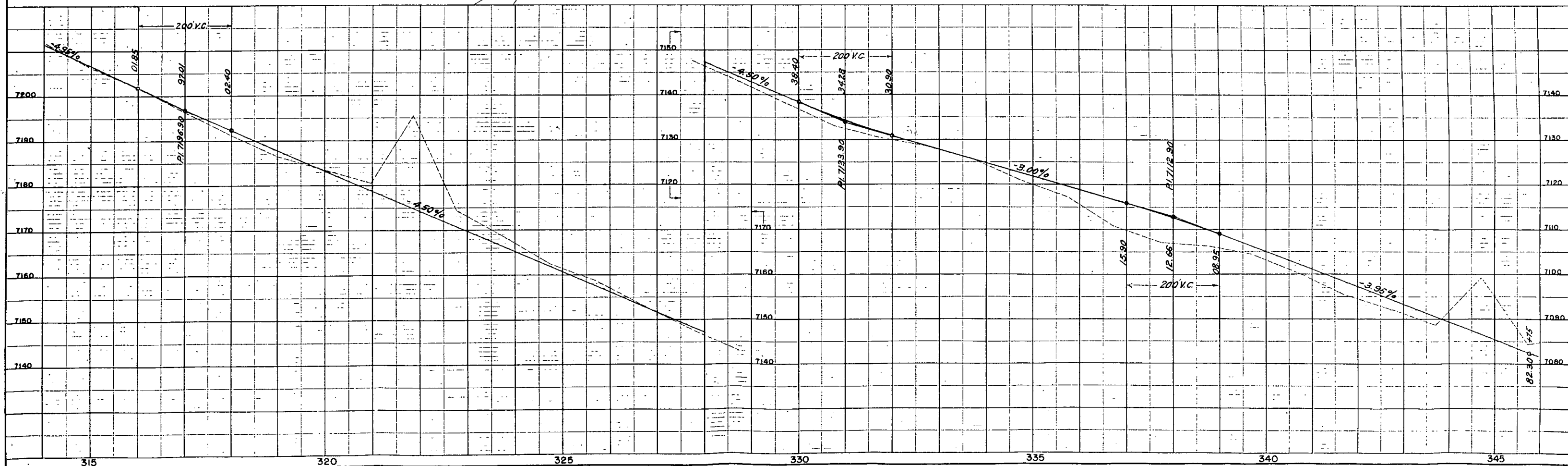
PLAN
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NOTES
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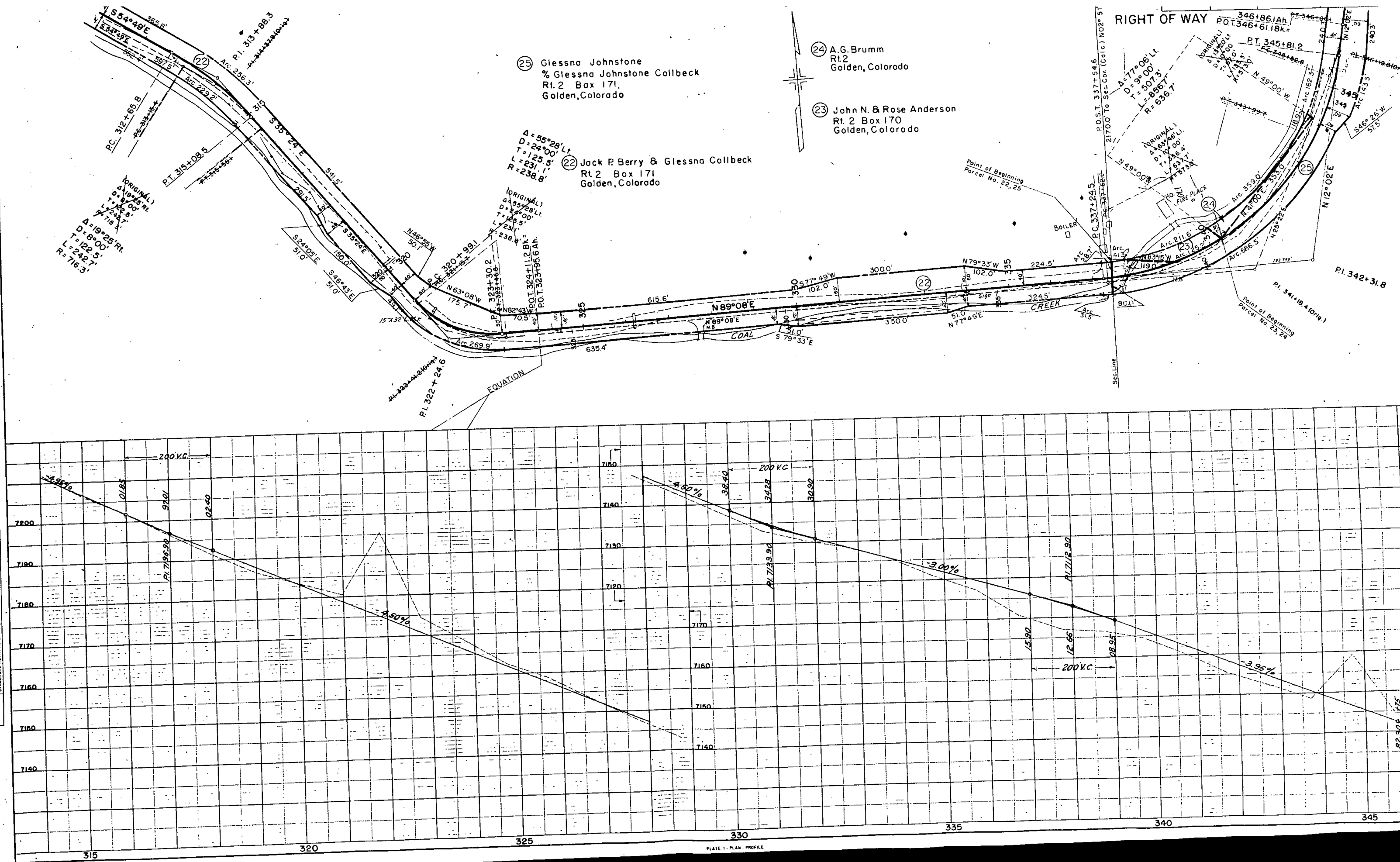


FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S 0086(2)	8	

RIGHT OF WAY
Rev. 3-15-51 JDM.



PL	ELUVIATED	DATE
	PLOTTED	
	GRADES RECORDED	
	NOTED	
	STRUCTURE NOTATIONS CHD.	
	NO	



N.W. 1/4 SEC. 14
T.2S., R.71W.

SW 1/4, SEC. 11
T.2S., R.71W.

FED. ROAD DIV. NO.	OIST.	PROJ. NO.	NO.	SHEETS
9	COLO.	S 0086(2)	10	

RIGHT OF WAY

$\Delta 32^{\circ}35'11''$
D.16°00'
T.104.7'
L.203.6'
R.358.1'

PI.358+70.8

$\Delta 27^{\circ}43'30''$
D.8°00'
T.176.8'
L.346.6'
R.716.3'

(26) Ray Talcott
3060W 38th Ave.
Denver, Colorado

(27A) C.F. & Louise Wilson
Rt. 2
Golden, Colorado

(25) Glessno Johnstone
% Glessno Johnstone Callbeck
Rt. 2 Box 171
Golden, Colorado

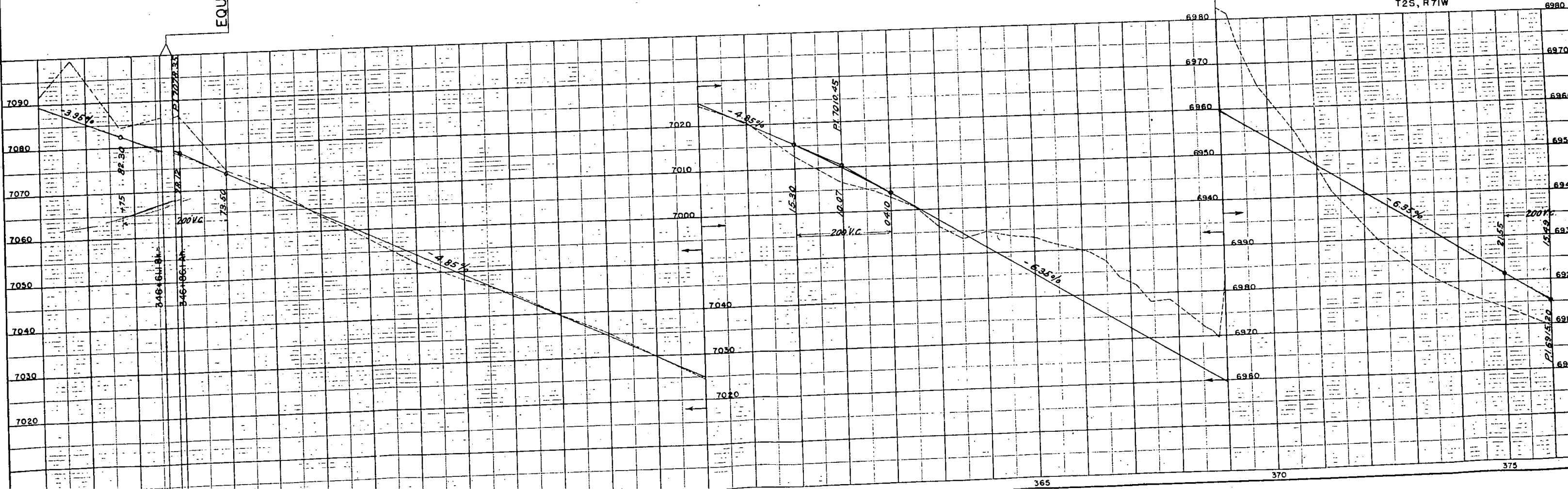
$\Delta 55^{\circ}11'11''$
D.24°00'
T.124.8'
L.229.9'
R.238.8'

(ORIGINAL)
 $\Delta 42^{\circ}49'11''$
D.24°00'
T.94.6'
L.788.4'
R.238.8'

$\Delta 62^{\circ}21'30''$
D.24°00'
T.144.5'
L.259.8'
R.238.8'

(ORIGINAL)
 $\Delta 83^{\circ}38'11''$
D.24°00'
T.211.8'
L.348.5'
R.238.8'

NE 1/4 SEC. 14
T.2S., R.71W.



SE 1/4, Sec. 11
T2S, R71W

T2S, R71W

FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S 0086(2)	11	

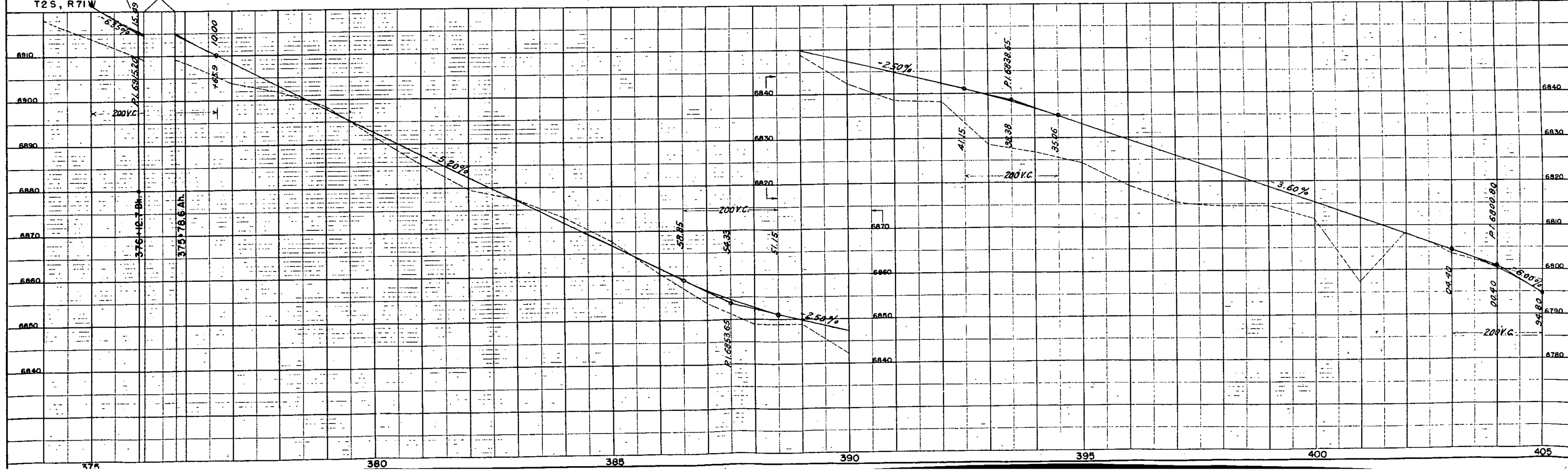
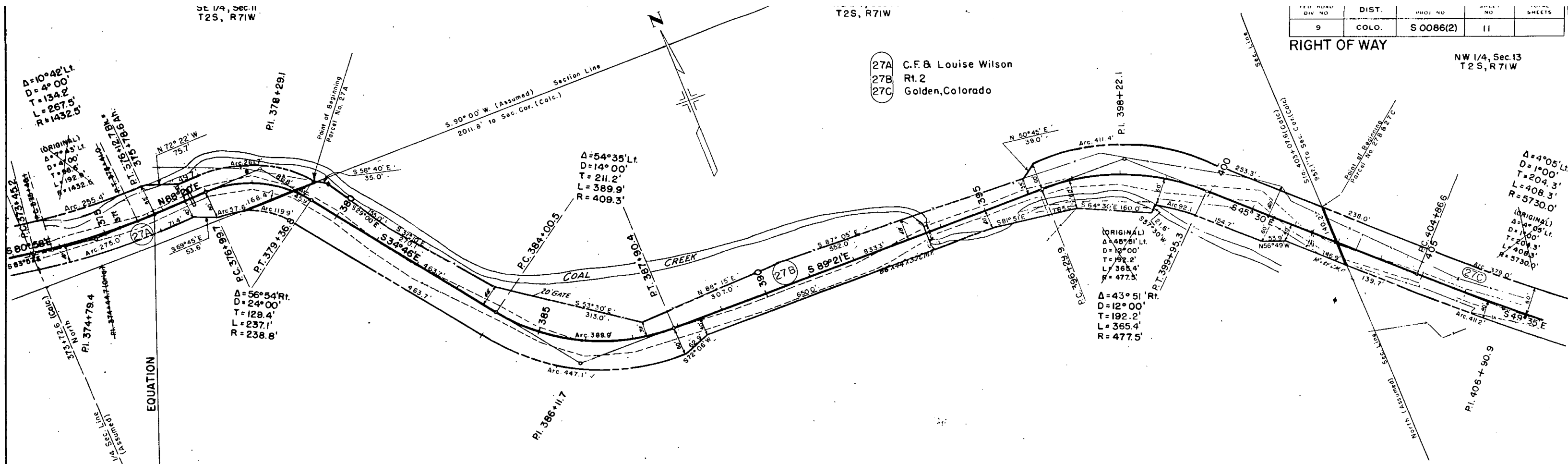
RIGHT OF WAY

NW 1/4, Sec. 13
T2S, R71W

27A C.F. & Louise Wilson
27B Rt. 2
27C Golden, Colorado

NOTE BOOK
ALIGNED CHECKED
RT. OF WAY CHECKED

NOTE BOOK
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATIONS CHECKED

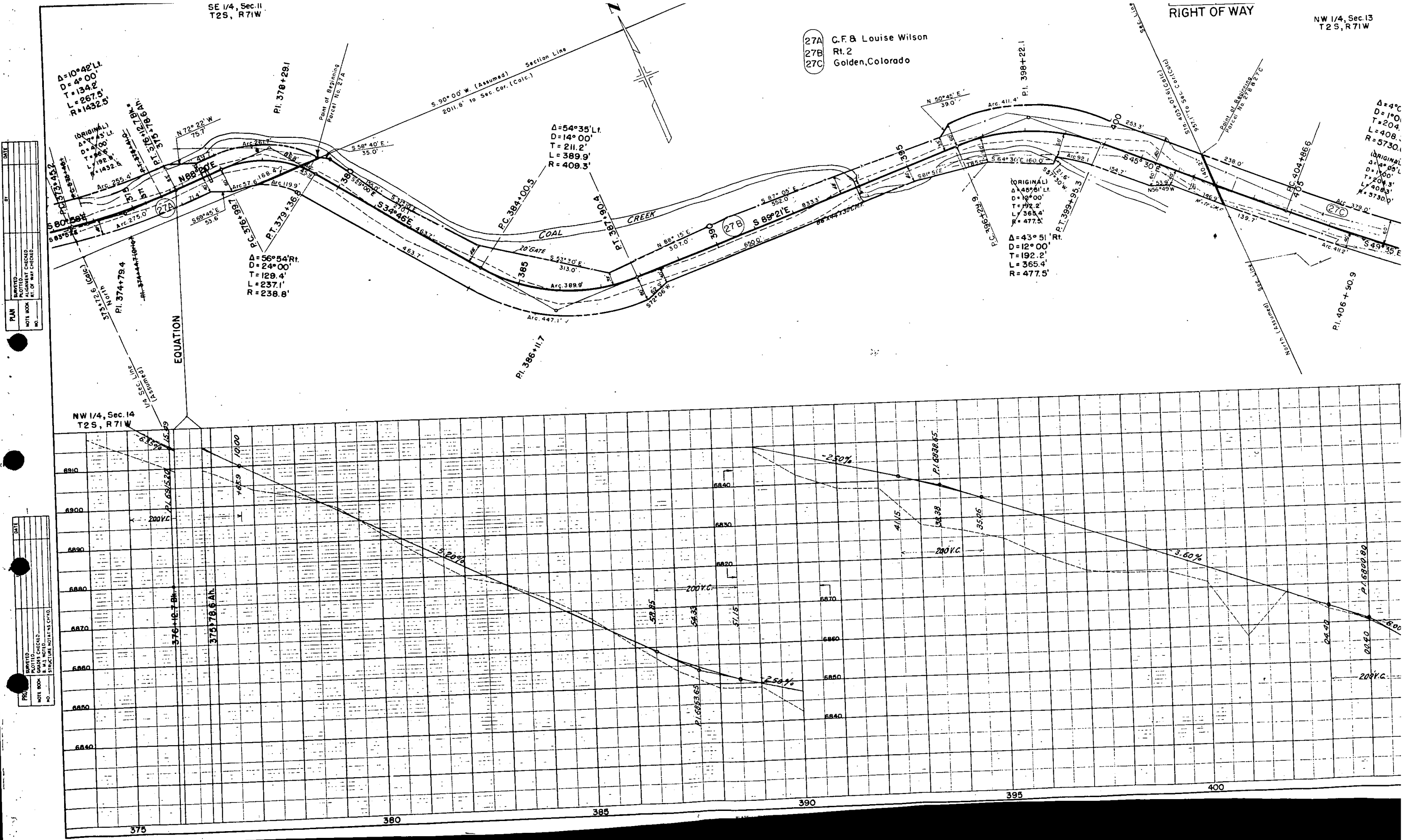


SE 1/4, Sec. 11
T2S, R71W

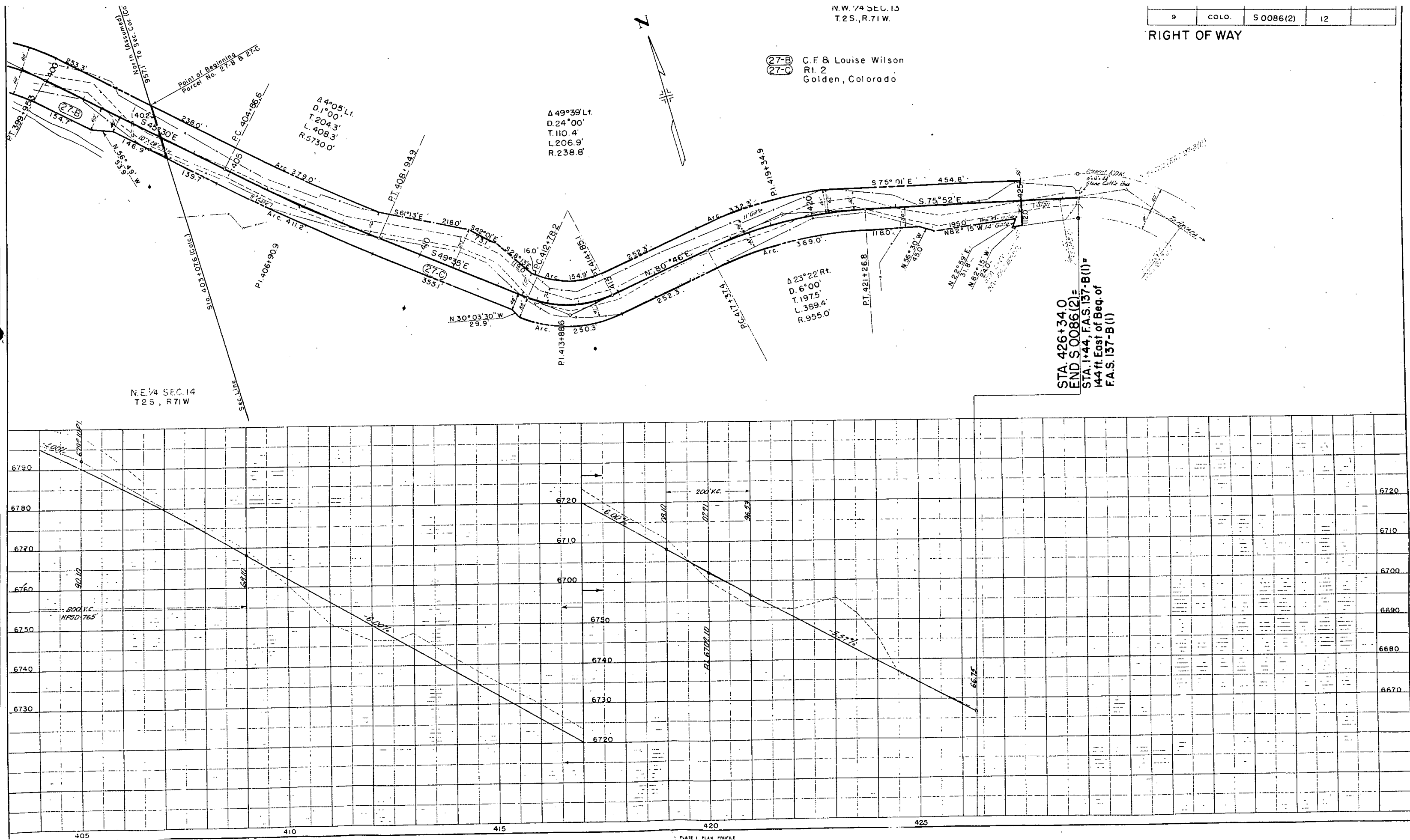
NW 1/4, Sec. 13
T2S, R71W

RIGHT OF WAY

27A C.F. & Louise Wilson
27B Rt. 2
27C Golden, Colorado



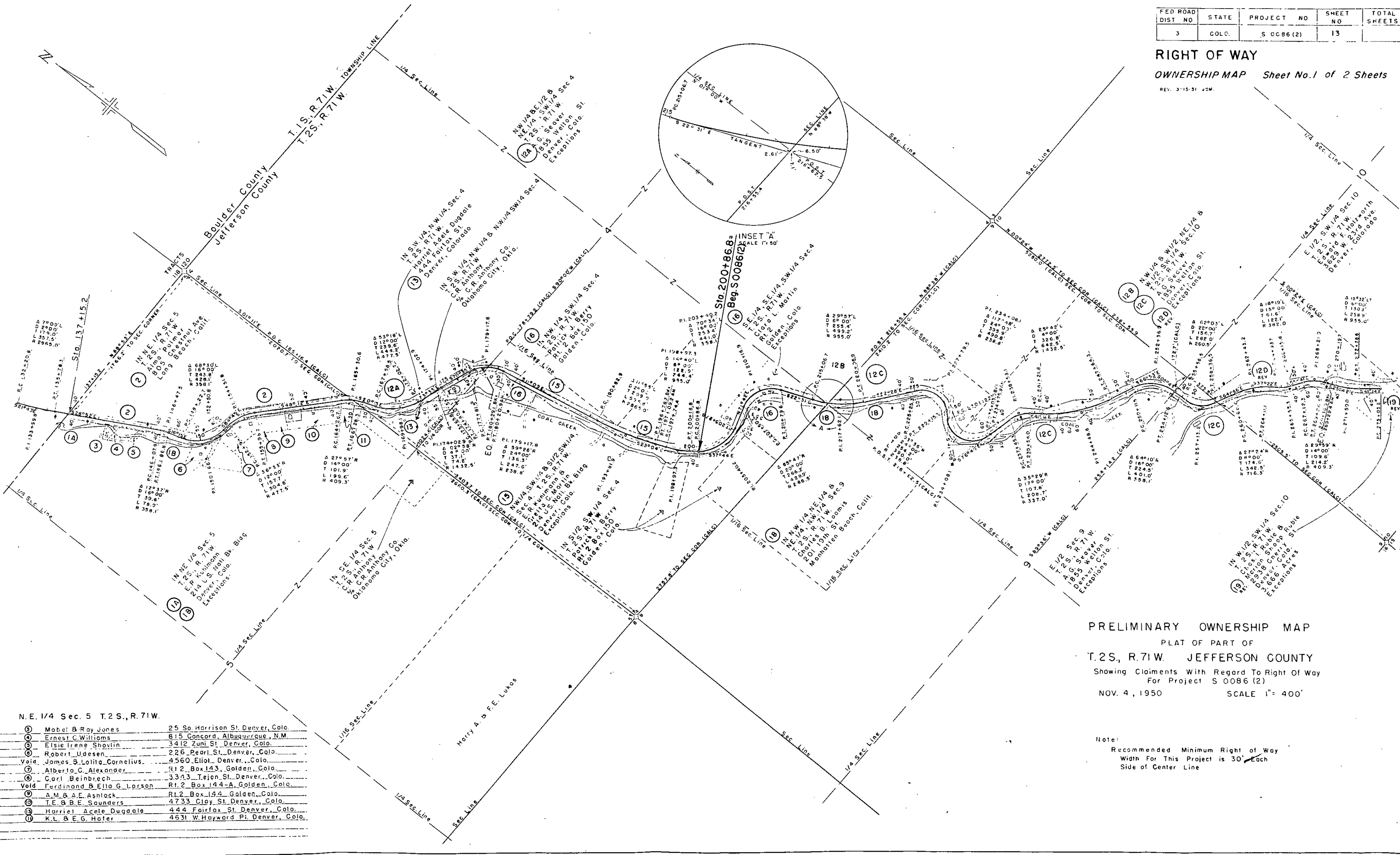
N.E. 1/4 SEC. 14
T2S, R71W



FED ROAD DIST NO	STATE	PROJECT NO	SHEET NO	TOTAL SHEETS
3	COLO.	S 0086 (2)	13	

RIGHT OF WAY OWNERSHIP MAP Sheet No. 1 of 2 Sheets

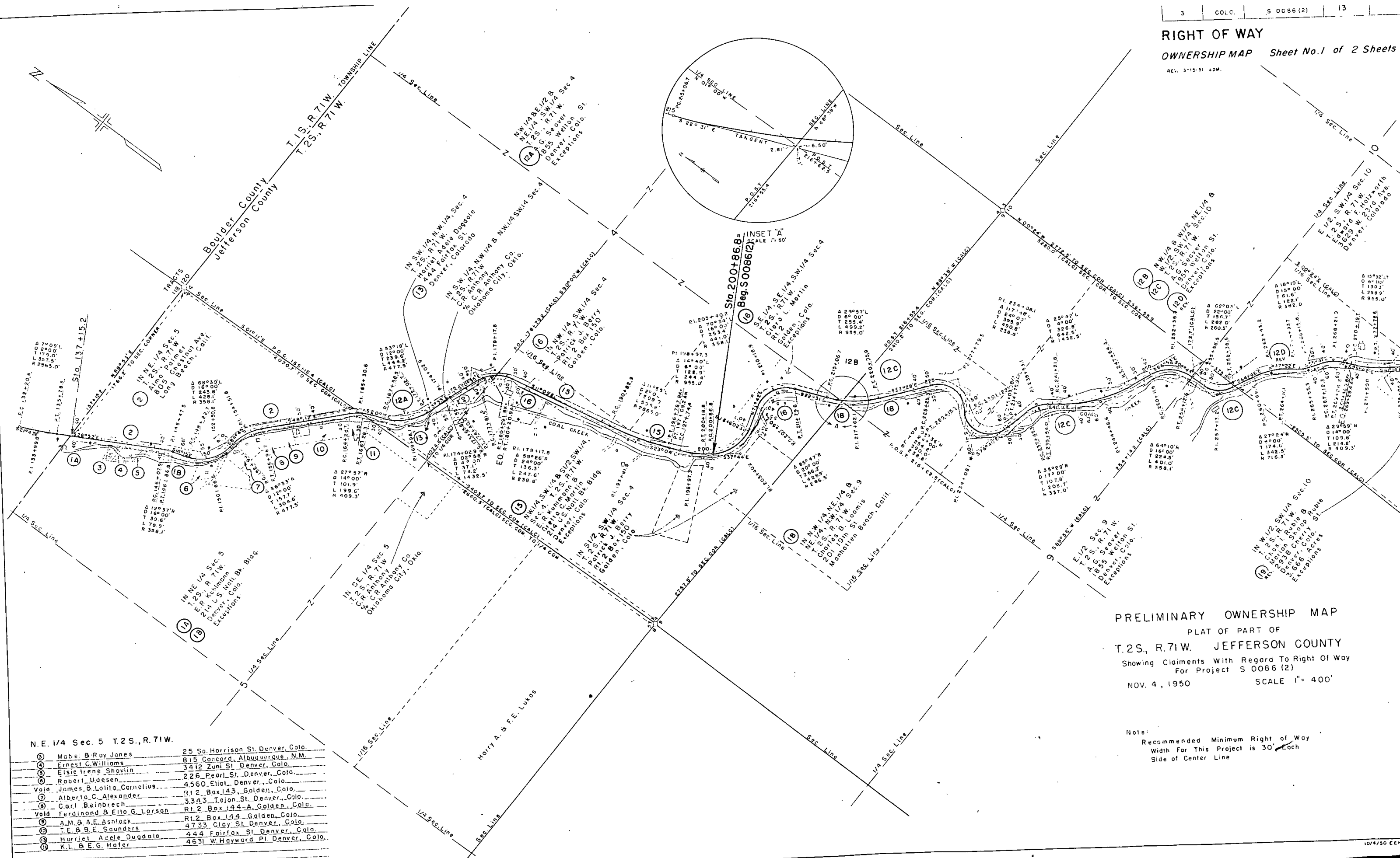
REV. 3-15-51 JDM.



RIGHT OF WAY

OWNERSHIP MAP Sheet No. 1 of 2 Sheets

REV. 3-15-51 JDM.



N.E. 1/4 Sec. 5 T.2S., R.71W.

1	Mabel B. Ray Jones	25 So. Harrison St. Denver, Colo.
2	Ernest C. Williams	815 Concord, Albuquerque, N.M.
3	Elsie Irene Shoylin	3412 Zuni St. Denver, Colo.
4	Robert Udesen	226 Pearl St. Denver, Colo.
5	James B. Lolito Cornelius	4560 Eliot Denver, Colo.
6	Alberta C. Alexander	Rt. 2 Box 143, Golden, Colo.
7	Carl Beinbrech	3343 Tejon St. Denver, Colo.
8	Ferdinand B. Elto G. Larson	Rt. 2 Box 144-A, Golden, Colo.
9	A.M. & A.E. Ashlock	Rt. 2 Box 144, Golden, Colo.
10	T.E. & B.E. Saunders	4733 Clay St. Denver, Colo.
11	Harriet Acele Dugdale	444 Fairfax St. Denver, Colo.
12	K.L. & E.G. Hofer	4631 W. Hayward Pl. Denver, Colo.

PRELIMINARY OWNERSHIP MAP

PLAT OF PART OF
T.2S., R.71W. JEFFERSON COUNTY

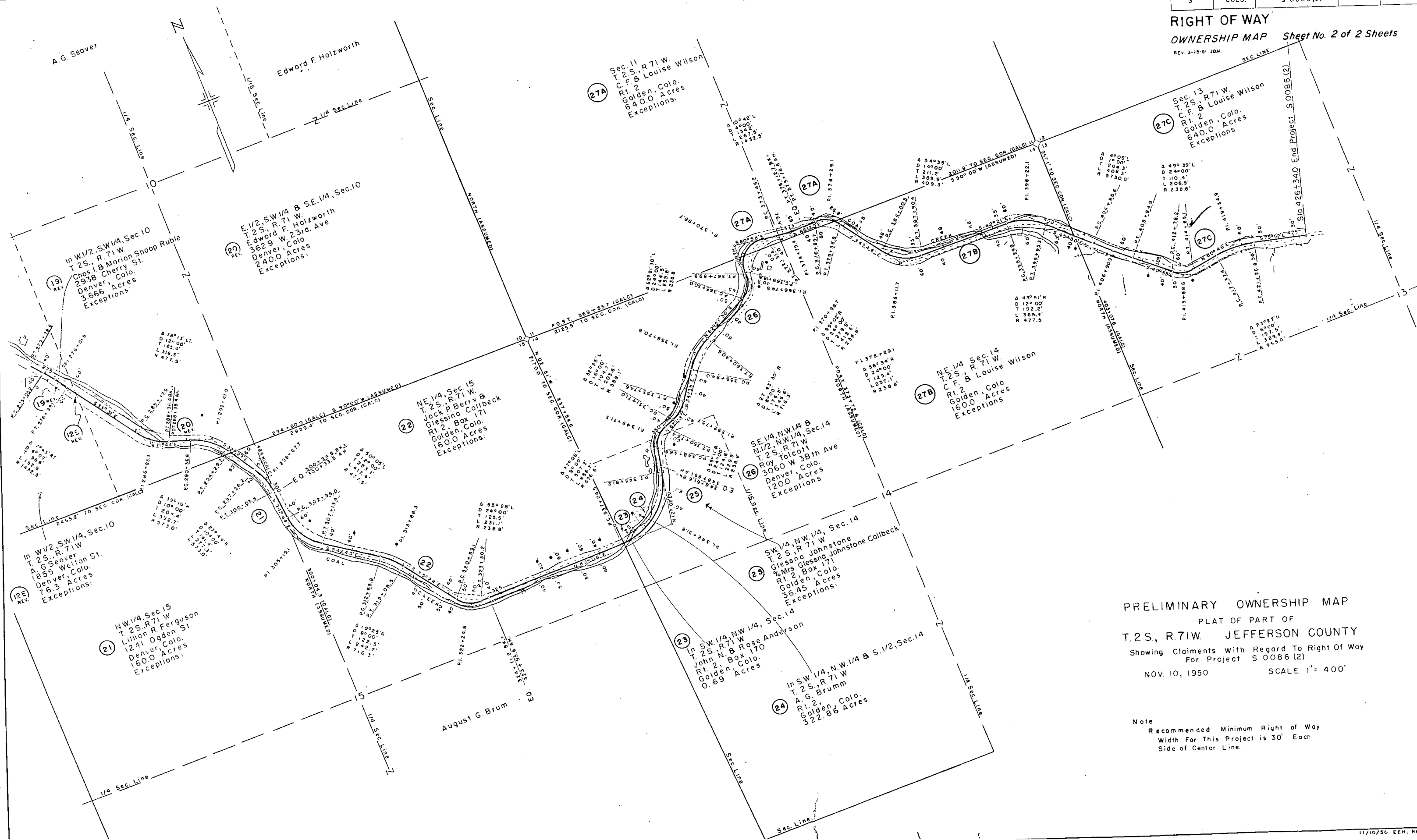
Showing Claims With Regard To Right Of Way
For Project S 0086 (2)

NOV. 4, 1950 SCALE 1" = 400'

Note:
Recommended Minimum Right of Way
Width For This Project is 30' Each
Side of Center Line

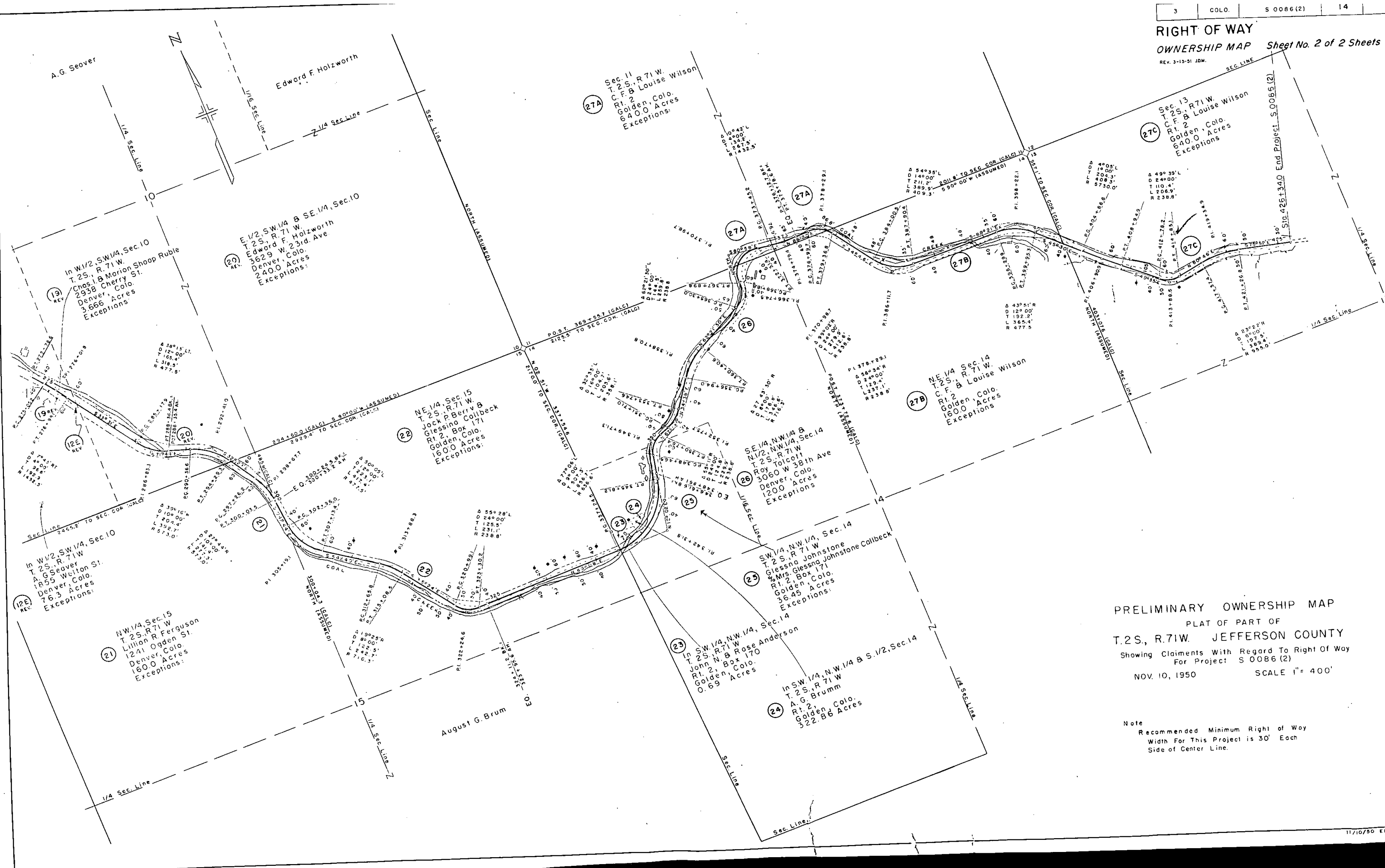
FED ROAD DIST. NO.	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0086(2)	14	

RIGHT OF WAY
OWNERSHIP MAP Sheet No. 2 of 2 Sheets
 REV. 3-15-51 JDM.



PRELIMINARY OWNERSHIP MAP
 PLAT OF PART OF
T.2S., R.71W. JEFFERSON COUNTY
 Showing Claims With Regard To Right Of Way
 For Project S 0086 (2)
 NOV. 10, 1950 SCALE 1" = 400'

Note
 Recommended Minimum Right of Way
 Width For This Project is 30' Each
 Side of Center Line.



PRELIMINARY OWNERSHIP MAP
 PLAT OF PART OF
T.2S., R.71W. JEFFERSON COUNTY
 Showing Claims With Regard To Right Of Way
 For Project S 0086 (2)
 NOV. 10, 1950 SCALE 1" = 400'

Note
 Recommended Minimum Right of Way
 Width For This Project is 30' Each
 Side of Center Line.

FED. ROAD DIV. NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	SO086(2)	4	

Rev. 2-19-51 J.P.K.

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	AVAIL- ABLE	QUANTITY TONS USED			OVERHAUL TON MILES	
			TOP COURSE GRADING "C"	SHO. COURSE GRADING "C"	BOTT. COURSE GRADING "C"	TOP & SHOULDER	BOTTOM
239+00 to 269+46.5 Bk.	Pit No. 1, in the S.W. 1/4 Sec. 10, T. 2 S., R. 71 W., 6th P.M., within R.O.W. from STA. 277+ to 297+ (E.F. Holzwork)	60,000 Cu. Yds.	536	165	1244	F.H.	F.H.
269+29.4 Ah. to 287+00.0			390	124	903	F.H.	F.H.
287+00.0 to 300+24.5 Bk.			292	93	676	F.H.	F.H.
300+33.2 Ah. to 324+11.2 Bk.			524	167	1213	F.H.	F.H.
323+95.6 Ah. to 339+73.1			347	111	805	F.H.	F.H.
339+73.1 to 346+61.1 Bk.			152	49	351	13	23
346+86.1 Ah. to 376+127 Bk.			644	205	1493	346	608
375+78.6 Ah. to 426+34.0			1113	354	2579	1707	3000
Estimated for Approaches					349		109
TOTALS			3998	1268	9613	2066	3740

BALLAST PLAN

It is estimated that Ballast material 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 Plan as here outlined will be allowed only on written permission from the Department.

mission from the Department

MATERIAL TO BE PLACED	SOURCE	QUANTITY AND THICKNESS				OVERHAUL
		AVAILABLE		CLASS I		
				THICKNESS	TONS	TON MILES
239+00 to 269+46.5 Bk.	Pit No. 1, in the S.W. 1/4 Sec. 10, T. 2 S., R. 71 W., 6TH P.M., within R.O.W. from Sta. 277+ to 297+ (E.F. Holzwork) Pit No. 1-A in the E 1/2 of S.W. 1/4, Sec. 10, T. 2 S., R. 71 W.	60,000 Cu. Yds.	6"	3033	F.H.	
269+29.4 Ah. to 287+00.0			6"	1753	F.H.	
287+00.0 to 300+24.5 Bk.			6"	1312	F.H.	
300+33.2 Ah. to 324+11.2 Bk.			6"	2355	F.H.	
323+95.6 Ah. to 339+73.1			6"	1562	F.H.	
339+73.1 Ah. to 346+61.1 Bk.			6"	682	45	
346+86.1 Ah. to 376+127 Bk.			6"	2898	1180	
375+78.6 Ah. to 426+34.0			6"	5005	5821	
10% for irregularities in Subgrade				1860	646	
Estimated for Approaches				6"	67	F.H.
TOTALS			20,460	7692		

for Leveling Course

Based on Curve "D" of S.H.D. Design No. 128 for Leveling Course.

FENCING REQUIREMENTS

STATION	SIDE	REMOVE FENCE	REMOVE AND REBUILD FENCE	BUILD BARBED WIRE FENCE	GATES	
		LIN. FT.	LIN. FT.	LIN. FT.	BARBED WIRE EACH	DRIVE-WAY EACH
239+00 - 268+00	Rt.	2,820		2,905		
239+00 - 250+00	Lt.	1,170		1,100		
246+10	Lt.				1	
254+15	Rt.				1	
256+40 - 259+35	Lt.	150		200		
265+00 - 276+70	Lt.	1150		1170		
267+50	Lt.				1	
273+00 - 278+00	Rt.		540			1
275+25	Rt.					
277+30 - 289+30	Lt.	520		1200		
315+60 - 318+50	Rt.	300		290		
317+00	Rt.				1	
337+85 - 348+90	Lt.	1000		1085		
339+50	Lt.				1	
377+45 - 396+00	Lt.	1880		1880		
396+00 - 408+70	Lt.	1310		1270		
398+90 - 422+50	Rt.	2500		2360		
408+70 - 426+34	Lt.	1790		1770		
TOTALS		14,590	540	15,230	5	1

Est. 90 Date Nails, furnished and installed by State Forces
a Ornamental Fence

MARKER POSTS

STATION	SIDE	SPACING	NUMBER
243+85 - 245+85	Rt.	50'	4
245+13	Lt. & Rt.	C.B.C.	2
251+15	Lt. & Rt.	Culv.	2
255+10 - 258+10	Rt.	50'	6
258+10	Lt. & Rt.	C.B.C.	2
266+90 - 269+90	Rt.	50'	7
267+40 - 274+40	Lt.	50'	15
273+10	Rt.	Culv.	1
276+05	Lt. & Rt.	Culv.	2
287+75 - 289+75	Rt.	50'	4
287+75	Lt. & Rt.	C.B.C.	2
293+15	Lt. & Rt.	Culv.	2
302+00	Lt. & Rt.	Culv.	2
304+00 - 305+50	Rt.	50'	4
310+00	Lt. & Rt.	Culv.	2
319+80	Lt. & Rt.	Culv.	2
321+75 - 322+25	Rt.	50'	2
324+75 - 326+75	Rt.	50'	4
326+25	Lt. & Rt.	Culv.	2
337+80	Lt. & Rt.	C.B.C.	2
342+25 - 344+25	Lt.	50'	5
343+75	Rt.	Culv.	1
354+95	Lt. & Rt.	Culv.	2
376+80	Lt. & Rt.	Culv.	2
370+00 - 371+00	Lt.	50'	3
371+00 - 375+50	Lt. & Rt.	50'	19
392+00 - 395+00	Lt. & Rt.	50'	12
393+75	Lt. & Rt.	C.B.C.	2
396+00 - 399+00	Rt.	50'	7
400+00 - 402+50	Rt.	50'	5
402+35	Lt. & Rt.	Culv.	2
411+50	Lt. & Rt.	Culv.	2
414+50 - 422+00	Rt.	50'	15
421+50	Lt. & Rt.	Culv.	2
TOTALS			148

R.O.W. MARKERS

STATION	SIDE	NUMBER
242+20	Lt. & Rt.	2
270+00	Rt.	1
298+00	Lt. & Rt.	2
324+50	Lt. & Rt.	2
350+76.4	Rt.	1
376+50	Lt. & Rt.	2
406+00	Lt. & Rt.	2
425+00	Lt. & Rt.	2
TOTALS		14