FORM C O H 131
JANUARY, 1954

TITLE SHEET

FEDERAL ROAD DIVISION NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLORADO	S 0107(9)	1	23

RIGHT OF WAY

REVISIONS		
8-7-59	Chg. Index	DWB
5-1 60	Index add 2A	JLS

COLORADO
DEPARTMENT OF HIGHWAYS

PLAN AND PROFILE OF PROPOSED

FEDERAL AID PROJECT NO. S 0107 (9)

STATE HIGHWAY NO. 9

SUMMIT 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

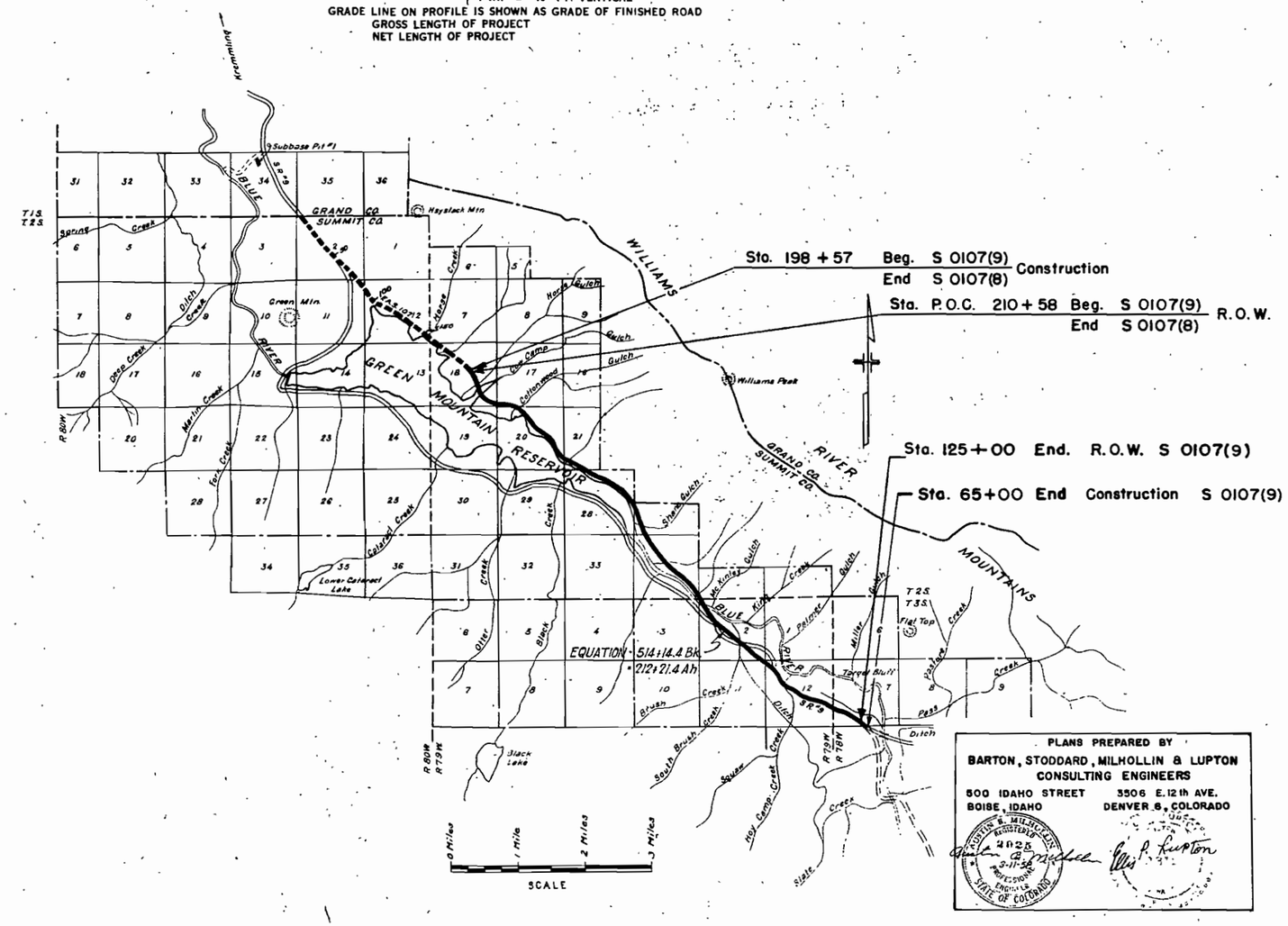
GRADE LINE ON PROFILE IS SHOWN AS GRADE OF FINISHED ROAD
GROSS LENGTH OF PROJECT
NET LENGTH OF PROJECT

INDEX OF SHEETS

SHEET NO. 1 · TITLE SHEET
2, 2A · TABULATION OF PROPERTIES
3-20 · PLAN & PROFILE SHEETS SHOWING RIGHT OF WAY
21-23 · OWNERSHIP MAPS

CONVENTIONAL SIGNS

CENTER LINE — PLAN SHEET — TITLE SHEET
RIGHT OF WAY LINE — R.O.W. MARKER
COUNTY LINE
TOWNSHIP OR RANGE LINE
LAND LINES — SECTION LINE — 1/4 SECTION LINE — 1/16 SECTION LINE
RAILROAD — TITLE SHEET — PLAN SHEET
BARBED WIRE FENCE
COMBINATION WIRE FENCE
SNOW FENCE
TELEPHONE & TELEGRAPH LINES
POWER LINE
DETOUR
PRESENT ROAD (Plan Sheets)



PLANS PREPARED BY
BARTON, STODDARD, MILHOLLIN & LUPTON
CONSULTING ENGINEERS
500 IDAHO STREET — BOISE, IDAHO
3506 E. 12th AVE. — DENVER 6, COLORADO

R. A. McCoy, District Engr.
Colorado Dept. of Highways
P. O. Box 929
Grand Junction, Colorado

R. O. W. TABULATION OF PROPERTIES IN SUMMIT COUNTY S. H. NO. 9 PROJ. S-0107 (9)

FEDERAL ROAD DIVISION NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLORADO	S-0107(9)	2	23

RIGHT OF WAY

REVISIONS		
8-8-59	Add 6 T.P.'S	JLS
8-7-59	Add T.P. 34 G	D.W.B.
9-28-59	Changed Name on 35	FCM
10-26-59	33 Rev. & 34 Rev.	FCM
5-24-60	Cha TP 34F to E 34F	FCM
5-24-60	Cha. TP 34G to E 34G	FCM
9-19-60	28 Revised	JLS

PARCEL NO.	OWNER	ADDRESS	LOCATION	AREA IN ACRES: TOTAL LAND IN TRACT	PARCEL	TO BE ACQUIRED	REMARKS
			T.2 S, R.79 W.				
14	U S Bureau of Reclamation		SE¼ Sec 18 NE¼ Sec 19		25.340	25.340	
15	U S Land		SE¼ SE¼ SE¼ Sec. 18		2.509	2.509	
16	U S Bureau of Reclamation		SW¼ Sec 17 NW¼ Sec 20		26.156	26.156	
17	U S Land		NW¼ NE¼ Sec. 20		4.044	4.044	
18	U S Bureau of Reclamation		SW¼ NE¼ Sec. 20		13.253	13.253	
19	U.S Land		SE¼ NE¼ Sec. 20		2.655	2.655	
20	U.S. Bureau of Reclamation		W½ NE¼ SE¼ Sec. 20		6.727	6.727	
21	U.S. Land		E½ NE¼ SE¼ Sec. 20		9.834	9.834	
			NW¼ SW¼ Sec. 21				
22	U.S. Bureau of Reclamation		SW¼ Sec 21 - NW¼ & NE¼ 28		42.540	42.540	
23	US Land		SE¼ Sec 21		0.253	0.253	
24	U.S. Land		NW¼ Sec. 27		2.680	2.680	
25	U.S. Bureau of Reclamation		Lot 9 Sec. 28 - NW¼ SW¼ Sec 27				
			Lot 1 Sec. 27 & Lot 4 Sec. 34		21.439	21.439	
See Note	Howard Doig	Kremmling, Colorado	Lots 6, 7 & 13 Sec. 34		14.757	14.757	Combined into Parcel 28 Rev.
27 Rev	U S Bureau of Reclamation		Lot 12 Sec. 34		0.244	0.244	
28 Rev	Howard Doig	Kremmling, Colorado	Lots 11, 12, 19, 20, 21, 22, & 29				
			Sec 34 & SW¼ Sec 35		14.391	14.391	
			T.3 S. R.79 W.				
See Note	Howard Doig	Kremmling, Colorado	NW¼ Sec. 2		2.631	2.631	Combined into Parcel 28 Rev.
30	US. Land		NE¼ Sec. 3		.011	.011	
31	Harold Myrland Tonn	Dillon, Colorado	NW¼ Sec. 2		3.004	2.235	
32	US. Land		SW¼ NW¼ Sec. 2		1.426	0.760	
33 Rev.	Harold Myrland Tonn	Dillon, Colorado	SW1/4 of SE1/4, NW1/4, SW1/4 & N1/2, SE1/4 of Sec 2		12.484	10.682	
34 Rev	Geo A., Karl H. & Theodore W Knorr	Kremmling, Colorado	SE¼ SE¼, Sec. 2 & N½ NE¼-11				
			NW¼ & NE1/4 Sec. 12 SW¼ SW¼ Sec. 1		20.435	17.885	
35	Knorr Bros.		NE¼ NW¼ Sec. 12		0.518	0.298	
T P.	TEMPORARY PERMITS						
34 A	Knorr Bros.		SE 1/4 NW 1/4 Sec 12		0.069	0.069	
34 B	Knorr Bros.		SE 1/4 NW 1/4 Sec 12		0.172	0.172	
34 C	Knorr Bros		Lot 4 Sec 12 N1/2 NE1/4 Sec. 11		0.459	0.459	
34 D	Geo. A., Karl H., & Theodore W. Knorr		Lot 4 Sec. 12		0.252	0.252	
34 E	Geo. A, Karl H, & Theodore W. Knorr		SE 1/4 SE 1/4 Sec 2		0.230	0.230	
	PERMANENT EASEMENT						
34 F	Knorr Bros.		SE 1/4 SE 1/4 Sec 2		0.295	0.295	Permanent Easement
34 G	Knorr Bros.		SE 1/4 SE 1/4 Sec. 2		0.172	0.172	Permanent Easement

R. O. W. TABULATION OF PROPERTIES IN SUMMIT COUNTY S.H. No. 9 PROJ. S 0107(9)

FEDERAL ROAD DIVISION NO.	DISTRICT	PROJ NO	SHEET NO	TOTAL SHEETS
8	COLORADO	S 0107(9)	2 A	23

RIGHT OF WAY

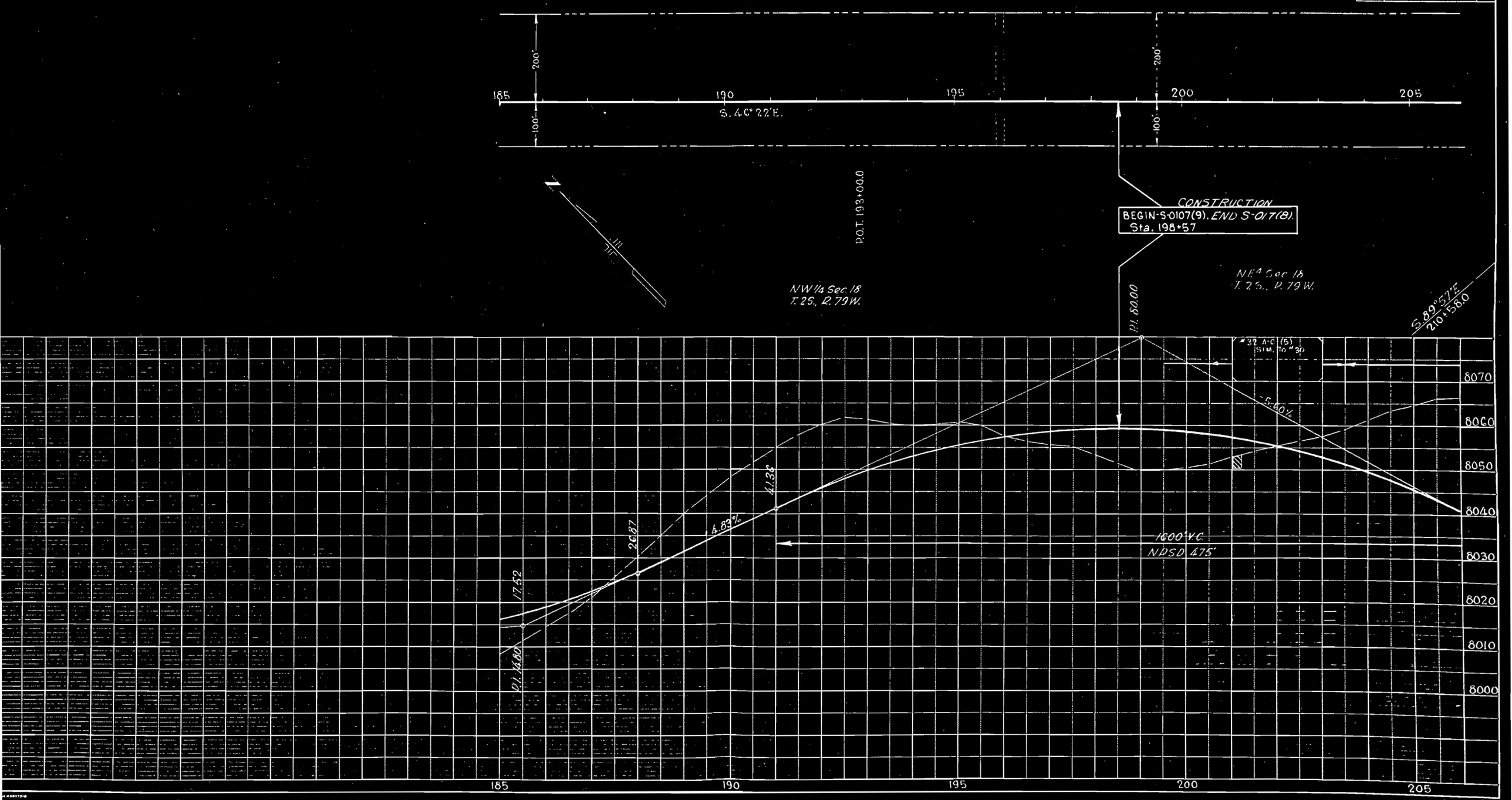
REVISIONS		
4-27-60	NEW SHEET	JLS

PARCEL NO.	OWNER	ADDRESS	LOCATION	AREA IN ACRES PARCEL	AREA IN ACRES TO BE ACQUIRED	DATE	LAND	IMPROV'M'TS.	DAMAGE	MISC.	TOTAL
T. P.		— TEMPORARY PERMITS —									
28	HOWARD DOIG	KREMMLING, COLORADO	LOT 12, NE 1/4 SEC. 34	0.509	0.509						
31	HAROLD MYRLAND TONN	DILLON, COLORADO	NW 1/4 SEC. 2	0.592	0.592						
32	U. S. GOVERNMENT		SW 1/4, NW 1/4 SEC. 2	0.158	0.158						
33	HAROLD MYRLAND TONN	DILLON, COLORADO	SE 1/4, NW 1/4 SEC. 2	0.811	0.811						
33A	HAROLD MYRLAND TONN	DILLON, COLORADO	SE 1/4, NW 1/4 SEC. 2	0.360	0.360						
33B	HAROLD MYRLAND TONN	DILLON, COLORADO	NW 1/4, SW 1/4 & SE 1/4 SEC. 2	0.585	0.585						
34H	GEORGE A. KNORR, KARL H KNORR, THEODORE W. KNORR	KREMMLING, COLORADO	SW 1/4, NE 1/4 SEC. 12	0.459	0.459						

FED ROAD DIV NO	DIST	PROJ NO.	SHEET NO	TOTAL SHEETS
9	COLO	S-0107(9)	3	23

RIGHT OF WAY

REVISIONS		
8-7-59	Total Sheet Chg.	DWB



Rev. 7-16-58 (Chg on 13 Rev. 2) DWB

FED. ROAD DIV. NO	ST	PROJ NO	SHEET NO	TOTAL SHEETS
9	COLO	S-0107 (9)	4	23

RIGHT OF WAY

REVISIONS		
8-7-59	Total Sheet Chg.	DWB

SE4 Sec 18
T. 2S., R. 79W.

NE4 Sec 18
T. 2S., R. 79W.

SE4 Sec 18
T. 2S., R. 79W.

INLET GREEN MOUNTAIN RESERVOIR

Pt. of Beg. Parcel 14
S 28° 30' 30" E. 3008.9'
to Cor. of sec. 18

S. 28° 30' 30" E.
3008.9'

S. 17° 44' 30" W.
Pt. 216+64.5

Arc 804.0'
796.4'

S. 8° 38' W.
328.0'

N 53° 03' W
328.0'

Arc 262.4'
212+14.3

S. 4° 22' E.
1315.8'
1631.0'

S. 89° 57' E.
P.O.C. 210+58.0

P.O.C. STA. 210+58 BEGIN S-0107(9)
END S-0107(8) R.O.W.

Arc 749.5'
N. 22° 12' 30" W.
737.0'

TΔ 48° 19'
Ts. 793.0'
Δc 30° 19' Rt.
Dc. 4° 00'
Tc. 642.5'
Lc. 907.9'
Rc. 1432.4'

N. 28° 14' W
316.4'

Θ 0° 00'
Ls. 300'
Lt. 200.1'
St. 100.1'

S. 1° 57' W.

N. 0° 20' 30" W.
311.5'

Θ 0° 45'
Ls. 300'
Lt. 200.1'
St. 100.1'

S. 0° 12' E.
276.2'

S. 24° 20' E.
717.6'

Arc 731.7'
N. 44° 51' 30" W.
1767.6'

Ch N 44° 51' 30" W. 1767.7'
Arc 1920.2'
Ch N 44° 51' 30" W - 1767.7'

Δ 99° 29'
Ts. 1657.0'
Es. 701.5'
Δc 85° 59'
Dc 4° 30'
Tc 1186.9'
Lc. 1910.7'
Rc 1273.3'

2311+10
Bogd. 24' x 6.6' Cross Culvert
Standard C.M.P. Headwall
Type A.

2360+29.6

P.O.S.T. 208+65.4

P.O.S.T. 224+32.0

(13) Rev. 2

(14) U.S. Bureau of Reclamation

#39 A-6 (5)	#33 A-4 (8)
L.L. 31.1	L.L. 26.4
P.I. 14.0	P.I. 7.8
% 200 54	% 200 99
CBR 5.2	CBR 5.9

#34 A-6 (5) SIM. To #33

#34 A A-4 (8) SIM. To #33-A

#35 A-6 (5) SIM. To #33

#35 A A-4 (8) SIM. To #33 A

#36 A-6 (5) SIM. To #33

WATER STA.

8010

1000' V.C.

1700' V.C.

2200' V.C.
NDSD 525'

-5.60%

+5.43%

798.60

47.9

13.17

14.55

W.E.

#33

#33-A

#34

#34-A

#35

#36

#36-A

8080
8070
8060
8050
8040
8030
8020

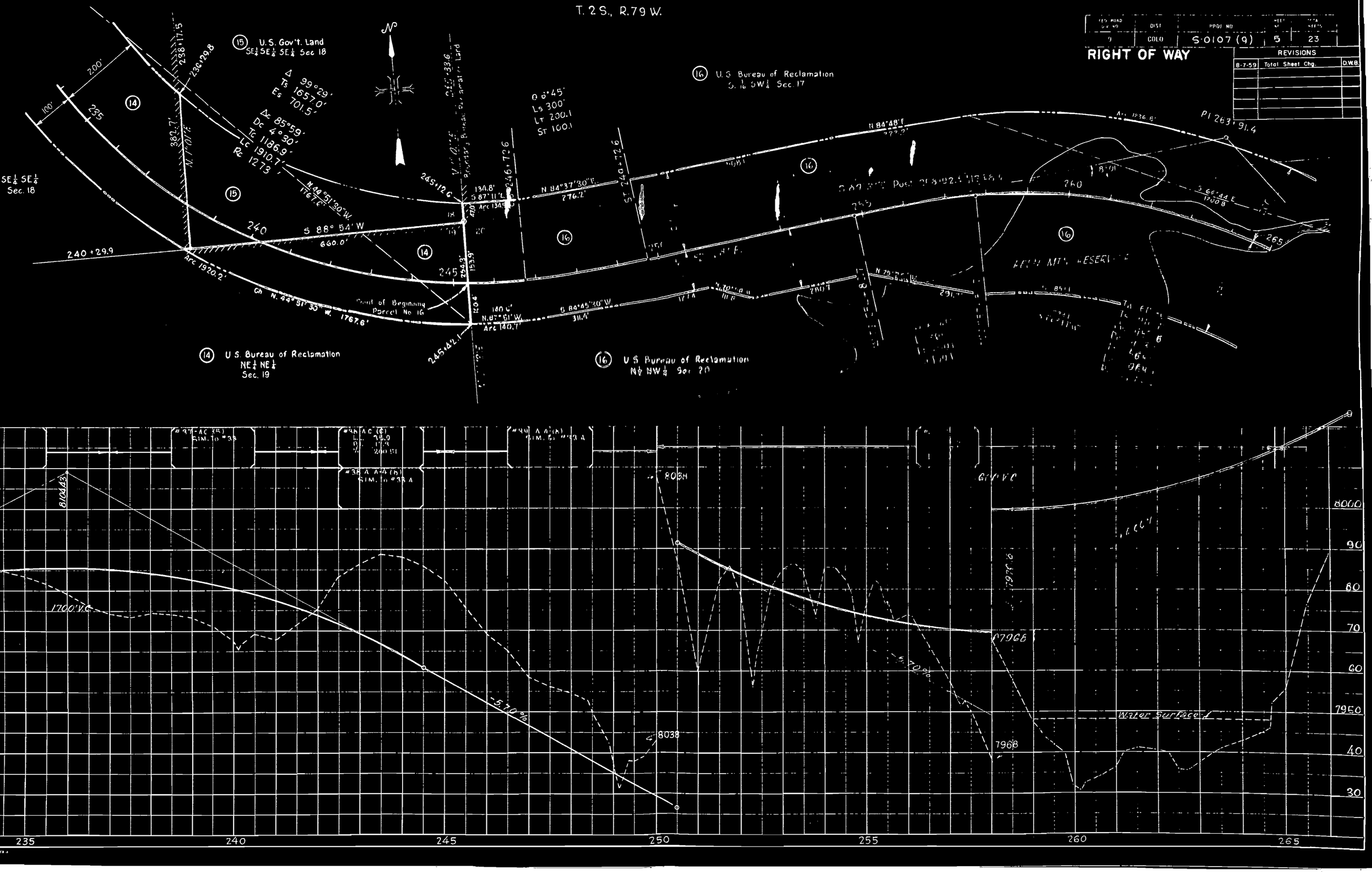
205
210
215
220
225
230
235

T. 2 S., R. 79 W.

FED. ROAD SYS. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO	S-0107 (9)	5	23

RIGHT OF WAY

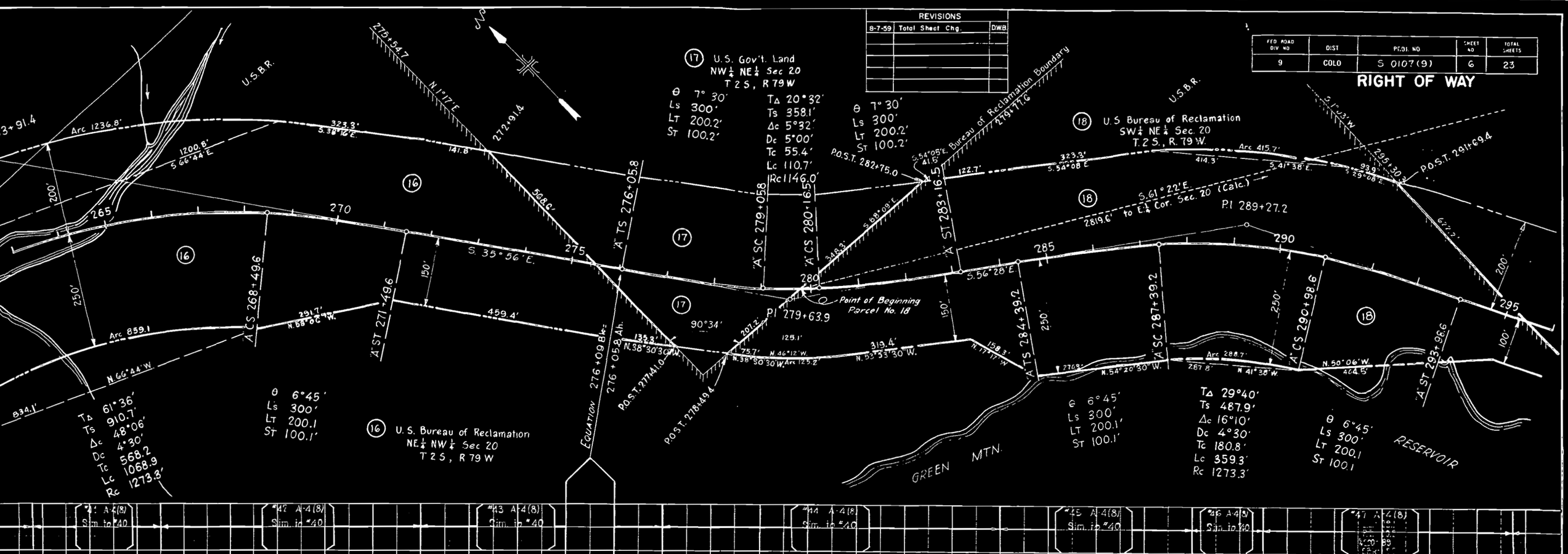
REVISIONS		
8-7-59	Total Sheet Chg.	D.W.B.



REVISIONS		
8-7-59	Total Sheet Chg.	DWB

FED. ROAD DIV. NO	DIST	PROJ. NO	SHEET NO	TOTAL SHEETS
9	COLO	S 0107(9)	6	23

RIGHT OF WAY



NOTE:
Profile shown on supplementary sheet

FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO	S 0107 (9)	7	23

RIGHT OF WAY

REVISIONS		
8-7-59	Total Sheet Chg.	DWB

FED ROAD DIV NO	DIST	PROJ NO	SHEET NO	TOTAL SHEETS
9	COLO	S 0107 (9)	8	23

RIGHT OF WAY

T. 2 S., R. 79 W.

Bureau of Reclamation Boundary

U.S.B.R. S½ SW¼ Sec. 21

U.S. GOV'T.

(23) U.S. Gov't. Land SE¼ Sec. 21

(22) U.S. Bureau of Reclamation S½ SW¼ Sec. 21

U.S.B.R.

N.W. ¼ Sec. 28

U.S.B.R. NE¼ Sec. 28

N.W. ¼ Sec. 28

"0" P.I. 323+49.2

"A" P.I. 324+66.9

"0" P.I. 353+14.9

"A" P.I. 353+02.7

"A" P.I. 342+44.5

"0" P.I. 342+81.0

REVISIONS		
8-7-59	Total Sheet Chg.	DWB

#54 A-4 (7) SIM. To #53-A

#55 A-4 (7) SIM. To #53A

#56 A-4 (8) L.L. - 28.8 P.L. 9.5 % 200 88 C.B.R.

#57 A-4 (8) SIM. To #56

#58 A-4 (8) SIM. To #58

87.2

89.0

-4.20%

+1.40%

900' V.C.

600' V.C.

+2.479%

8022.43

7953.23

10

8000

90

80

70

60

7950

325

330

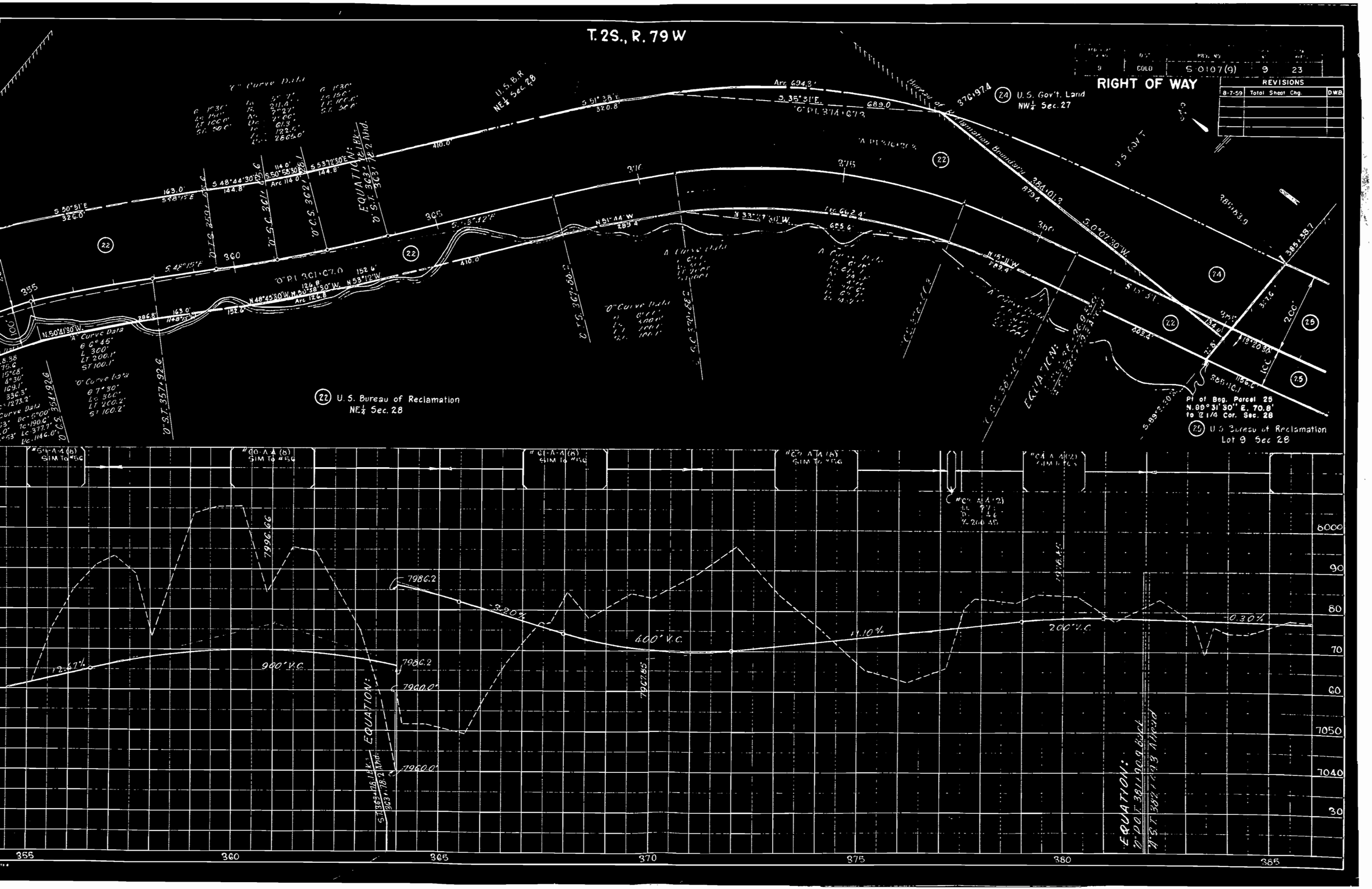
335

340

345

350

355


T. 2S., R. 79 W
RIGHT OF WAY
9 COLO S 0107(9) 9 23
REVISIONS
8-7-59 Total Sheet Chg.
U.S.B.R. NE¼ Sec. 28
(24) U. S. Gov't. Land NW¼ Sec. 27
(22) U. S. Bureau of Reclamation NE¼ Sec. 28
(25) U. S. Bureau of Reclamation Lot 9 Sec 28
Pt of Beg. Parcel 25 N.88° 31' 30" E. 70.8' to ¼ Cor. Sec. 28
EQUATION:
7996.66
7986.2
7960.0
7967.85
-3.20%
400' V.C.
+1.10%
200' V.C.
-0.30%
+2.47%
900' V.C.
6000
90
80
70
60
7050
7040
30
355
360
365
370
375
380
385

T. 2 S., R. 79 W

REVISIONS		
8-7-59	Total Sheet Chg.	DWB

FED. ROAD DIV. NO	DIST	PROJ. NO	SHEET NO	TOTAL SHEETS
9	COLO	S-0107(9)	10	23

RIGHT OF WAY

Δ 31° 44'
D 1° 00'
T 162.86'
L 317.36'
R 5730.0

(24) U.S. Gov't. Land NW¼ Sec 27

N. 89°31'30"E.
385+83.9
388+38.7

NW¼ SW¼ Sec 27 U.S.B.R.

Lot 1 Sec. 27 U.S.B.R.

S. 23°46'E.
2025.1'

1088.8'

B.P.C. 396+72.7

Arc 2036.6'

(25)

2.00'

415

410

405

400

395

390

385

2.00'

(24)

307.6'

100'

(22)

S. 0°07'30"W.
134.0'

13°20'30"

108

S 13°13'E

(25)

N. 22°46'30"W.

1935.6'

Point of Beginning Parcel No. 25

385+16.1

Lot 9, Sec. 28 U.S.B.R.

384+01.3

1156.6'

Arc 1944.6'

P.I. 413+013

GREEN MTN. RESERVOIR

U.S. Bureau of Reclamation

Lot 1, Sec. 27 U.S.B.R.

(25) U.S. Bureau of Reclamation

N. 89°49'W. 658.0'
P.O.S.T. 412+51.+

Lot 4, Sec. 34 U.S.B.R.

"65 A-4(7)
L.L. - 24.3
P.I. - 7.4
K200 - 72
O.B.R. - 4.3

"66 A-4(7)
Sim. to "65

"67 A-4(7)
Sim. to "65

"68 A-4(7)
P.I. - 6.0
K200 - 59
O.B.R. - 5.5

"68A A-4(10)
L.L. - 25.8
P.I. - 8.0
K200 - 18
O.B.R. - 13.3

"69 A-4(7)
Sim. to "65

8017.65

700' V.C.

-1.40%

+2.720%

300' V.C.

-0.30%

7971.70

EQUATION
401+05.63
401+01.23

8010
8000
7990
7980
7970
7960
7950
7940

385
390
395
400
405
410
415

REVISIONS		
8-7-59	Total Sheet Chg.	DWB
4-28-60	add TP-28	JLS
9-19-60	28 Revised	JLS

FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S-0107(9)	11	23

RIGHT OF WAY

T. 2S., R.79W

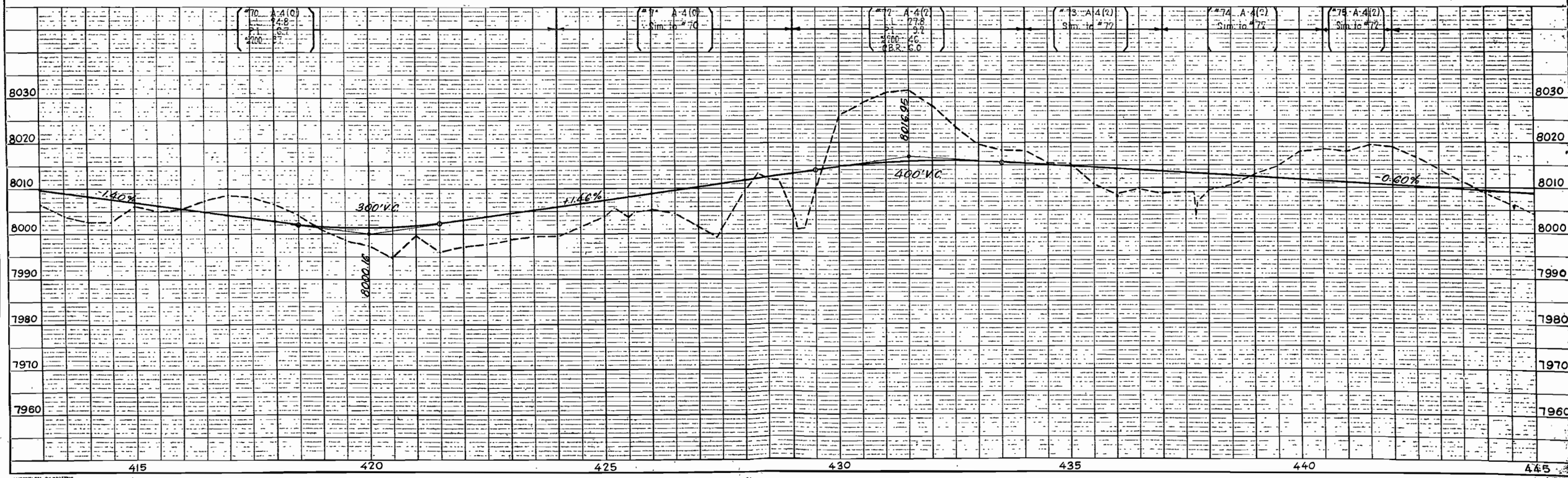
S. 23°46'E.
P.O.S.T. 412+51.4
N. 89°49'W.
Lot 4 USBR
Arc 2036.6'
200'
417+62.7
416+47.3
Lot 6 Sec. 34 Howard Doig
Lot 7 Sec. 34 Howard Doig
S. 0°03'E. 440+12.1
440+82.9
Lot 12 Sec. 34 Howard Doig
S. 45°03'W.
N. 26°59'E. 389.0'
TP 28
Pt. of Beg. TP-28
N. 53°21'30"W. 3509.0'
to NW. cor. Sec. 34
440+07.6
120.0
370.0'
926.5'
441+80.0
1024.8'
S. 39°38'E.
Arc 1026.2'
653.7'
S. 25°18'E. 371.7'
86.8'
70.8'
212.5'
75.0'
439+36.8
440
445
415
420
425
430
435
3590'
18'
25
28 Rev.
Spring
"B" PT. 428+46.3
N. 22°46'30"W.
Arc 1942.4'
1935.6'
Point of Beginning Parcel No. 26
12.81.8'
N. 38°38'30"W.
Arc 1284.4'
N. 73°56'W. 987.5'
WEST
415+83.8
28 27
33 34
100'
75'
S. 44°57'E
103.1'
N. 58°59'W.
487.4'
27 Rev.
70.8
441+58.2
776.9'
440+87.4
3468.5' to NW Cor. Sec. 34 (Calc)
N. 50°57'30"W.
Lot 13 Howard Doig
Point of Beginning Parcel No. 27 & 28 Rev.
S. 0°03'E.
See U.S.B.R. Dwg. 201-R-18
See USBR Dwg. No. 201-R-18 Tract "A"
USBR Power Line
GREEN MTN. RESERVOIR
N

25 U.S. Bureau of Reclamation
Lot 4 Sec. 34

28 Rev. Howard Doig
NW ¼ Sec. 34

27 Rev. U.S. Bureau of Reclamation
Lot 12, Sec. 34

28 Rev. Howard Doig
Lot 12 Sec 34
TP 28

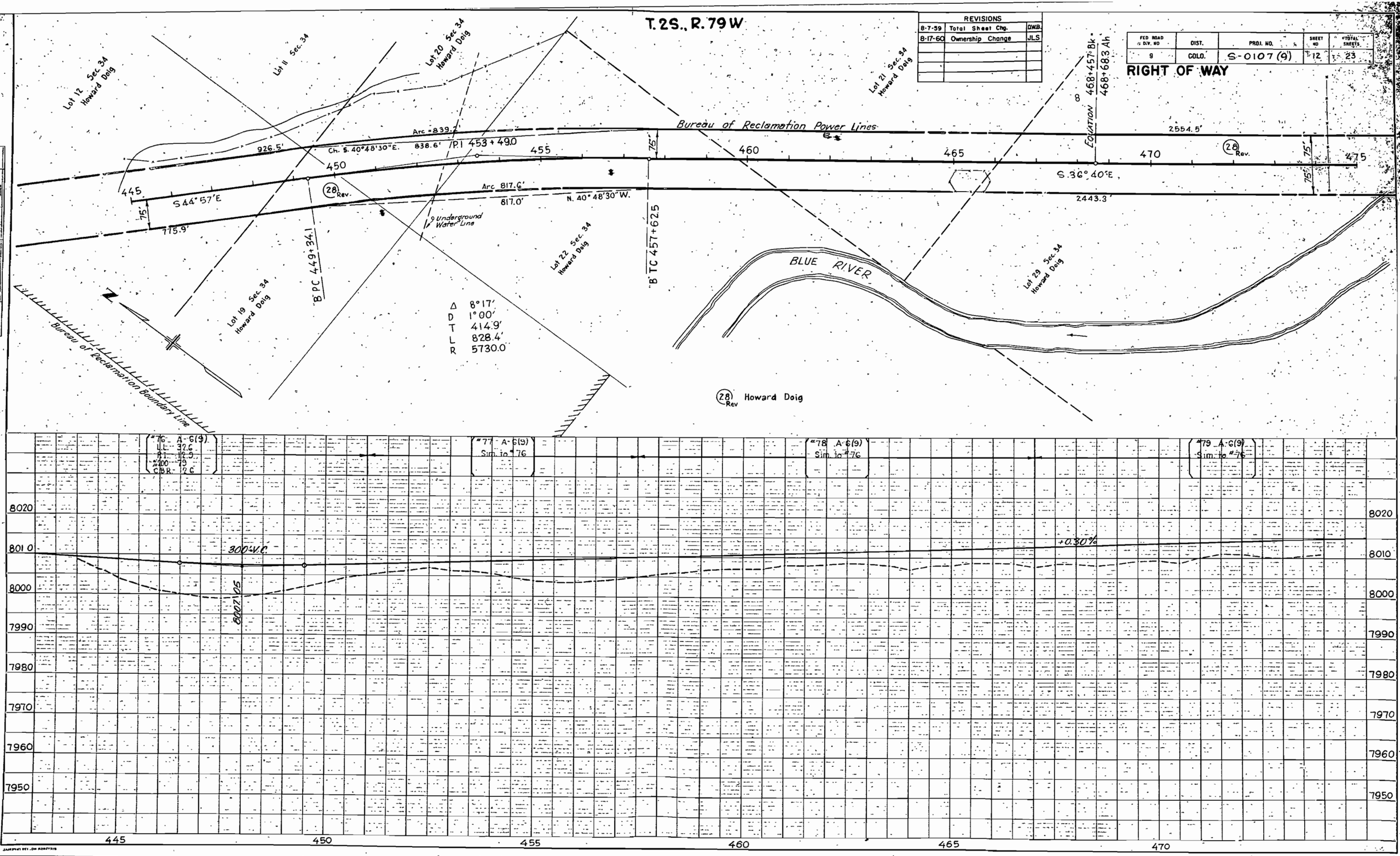


NOTE BOOK NO.
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTED

REVISIONS		
8-7-59	Total Sheet Chg.	DWB.
8-17-60	Ownership Change	JLS

FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S-0107 (9)	12	23

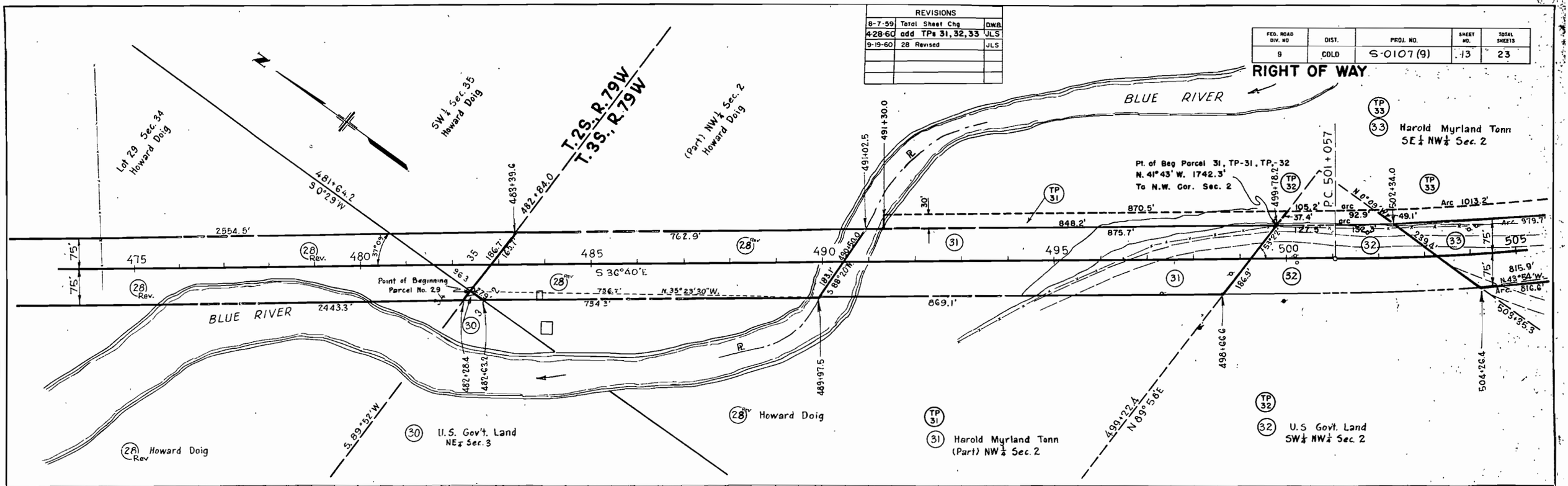
RIGHT OF WAY

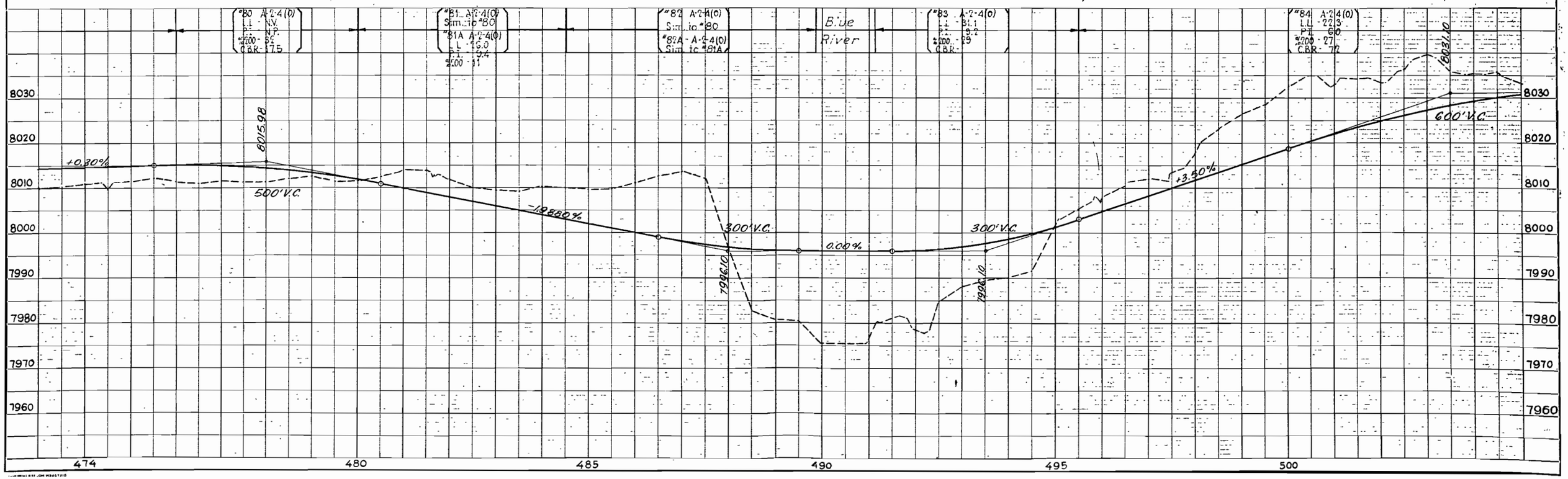


REVISIONS		
8-7-59	Total Sheet Chg	DWB
4-28-60	add TPs 31, 32, 33	JLS
9-19-60	28 Revised	JLS

FED. ROAD DIV. NO	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO	S-0107(9)	13	23

RIGHT OF WAY

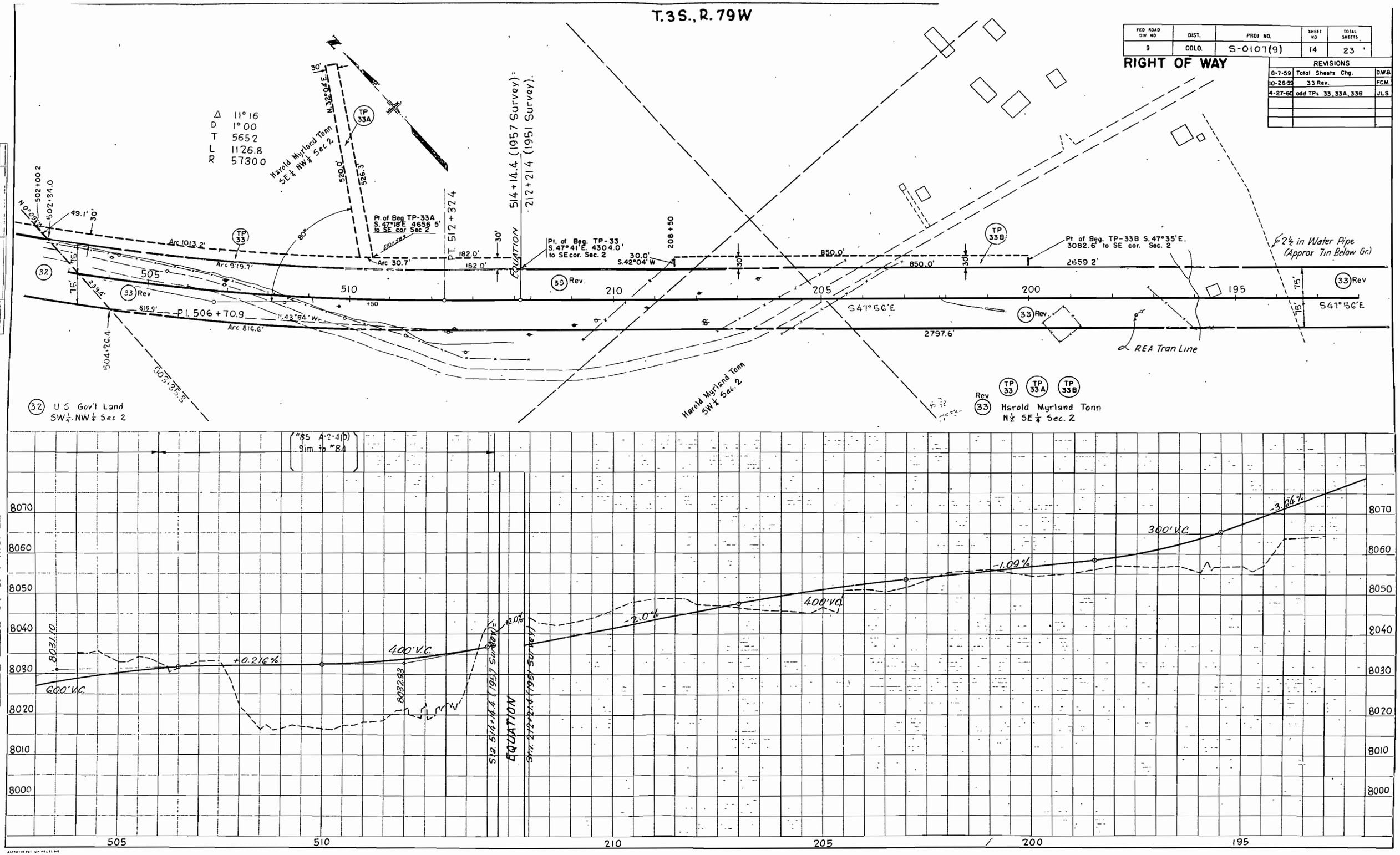




FED ROAD DIV NO	DIST.	PROJ NO.	SHEET NO	TOTAL SHEETS
9	COLO.	S-0107(9)	14	23

RIGHT OF WAY

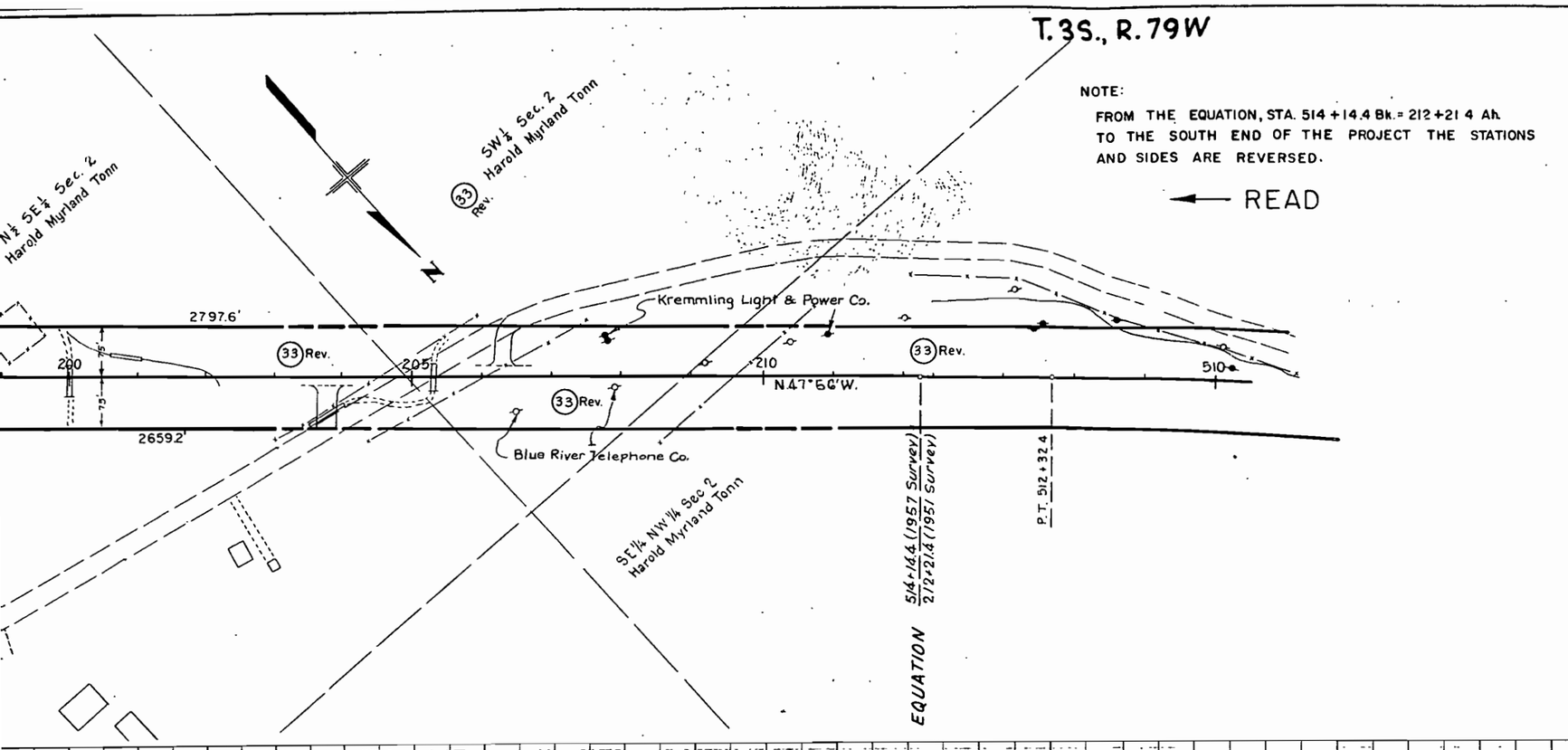
REVISIONS		
8-7-59	Total Sheets Chg.	D.W.B.
10-26-59	33 Rev.	FCM
4-27-60	add TPs 33, 33A, 33B	JLS

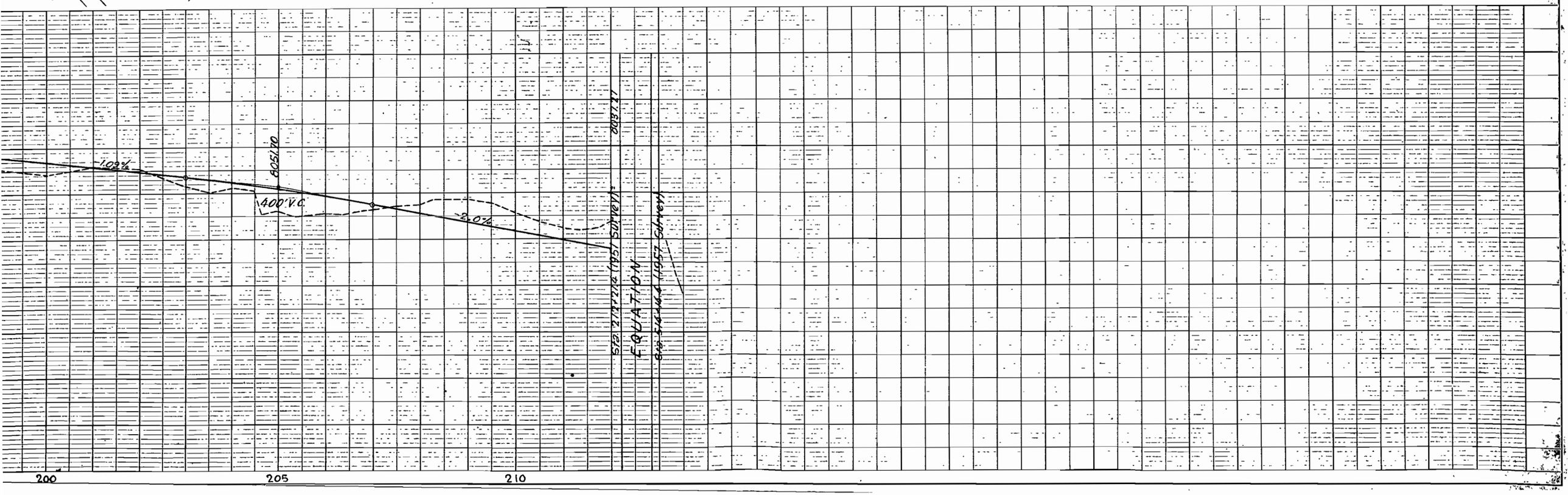


FED ROAD DIV NO	DIST.	PROJ. NO.	SHEET NO	TOTAL SHEETS
9	COLO.	S 0107(9)	15	23

RIGHT OF WAY

REVISIONS		
8-7-59	Total Sheet Chg.	DWB
10-26-59	33 Rev.	FCM

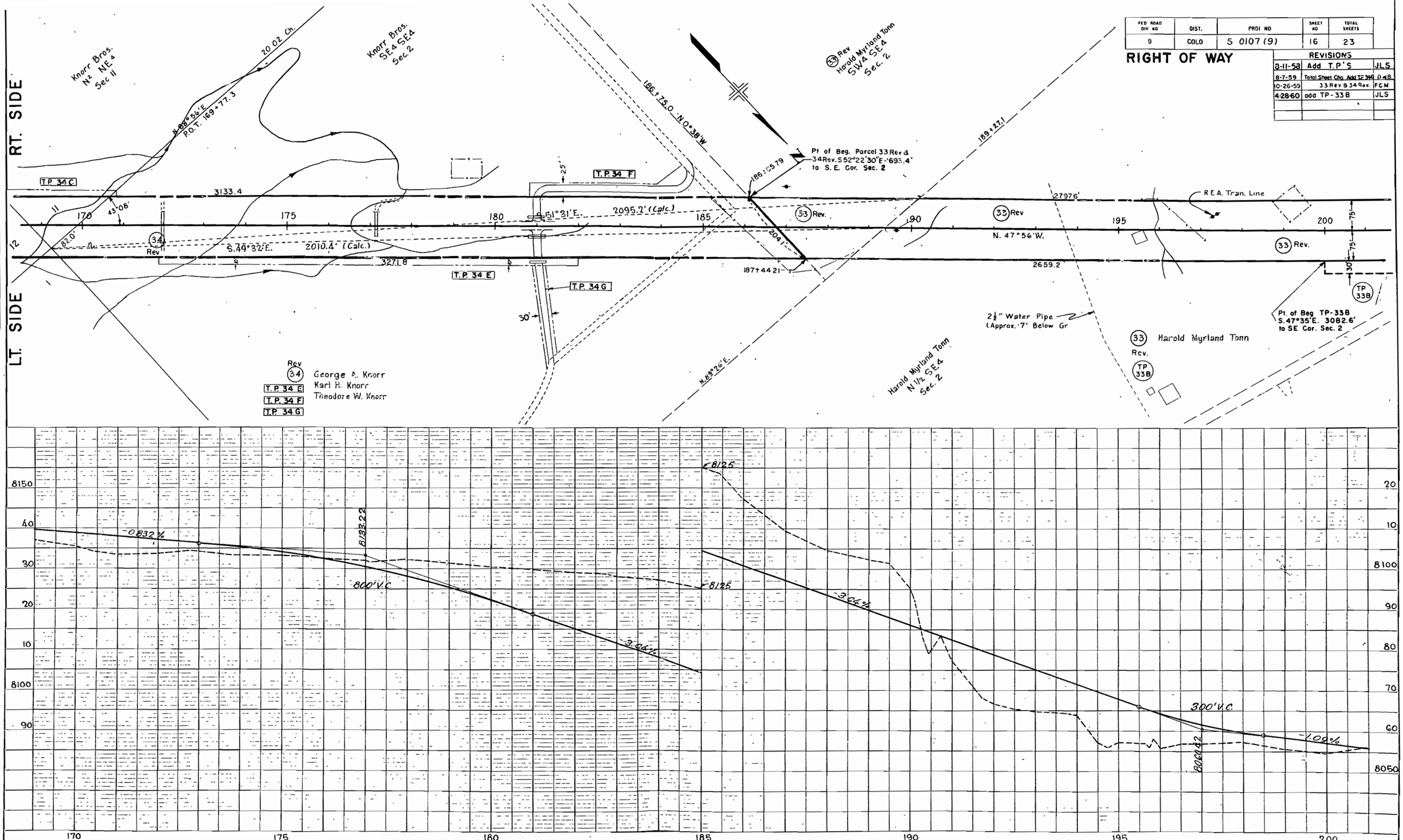




FED ROAD DIV NO	DIST.	PROJ NO	SHEET NO	TOTAL SHEETS
9	COLO	S 0107 (9)	16	23

RIGHT OF WAY

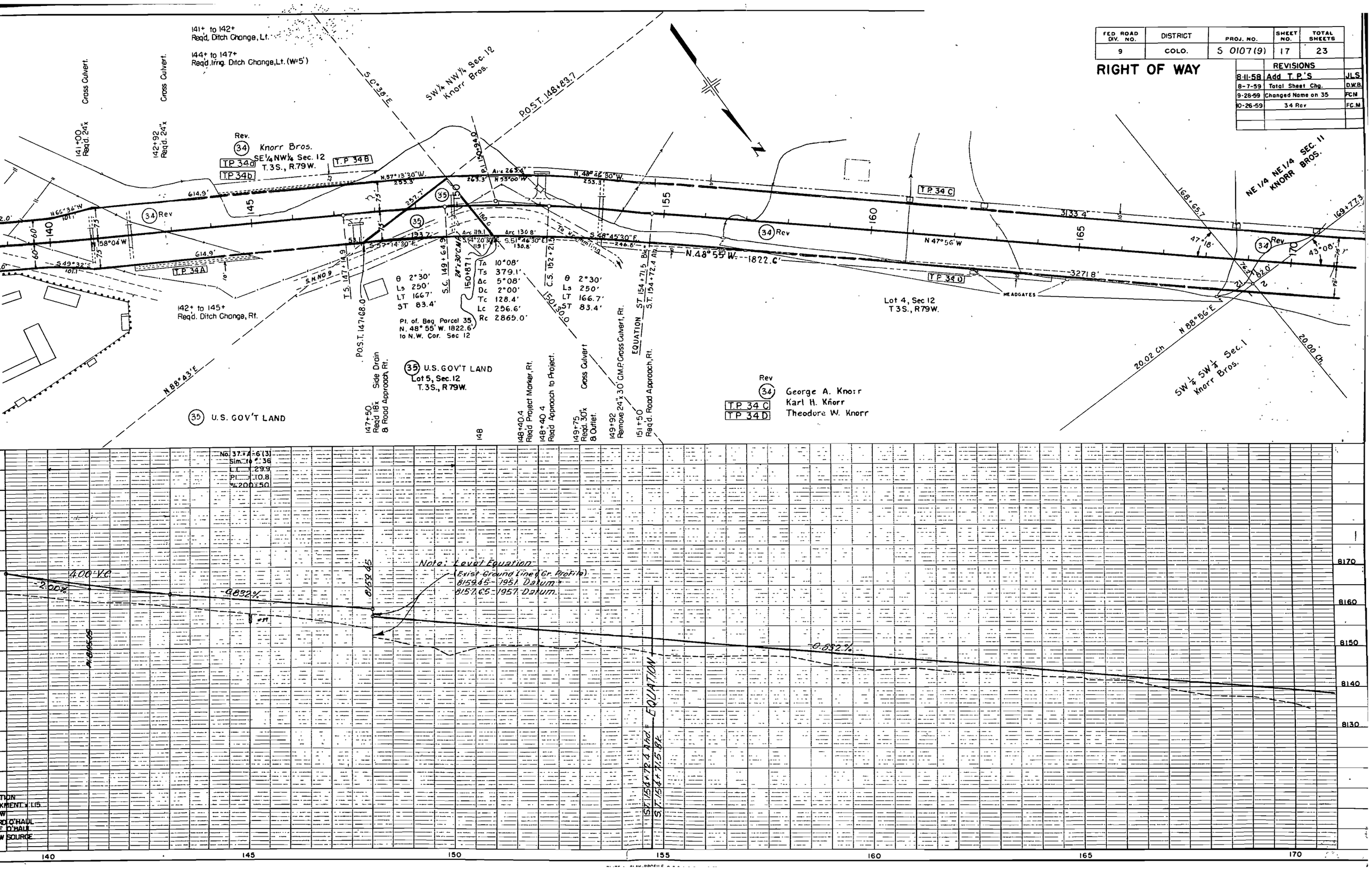
REVISIONS		
3-11-58	Add T.P'S	JLS
8-7-59	Total Sheet Chg. Add TP 34G	D.H.B.
10-26-59	33 Rev & 34 Rev.	F.C.M.
4-28-60	add TP-33B	JLS



FED ROAD DIV. NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S 0107(9)	17	23

RIGHT OF WAY

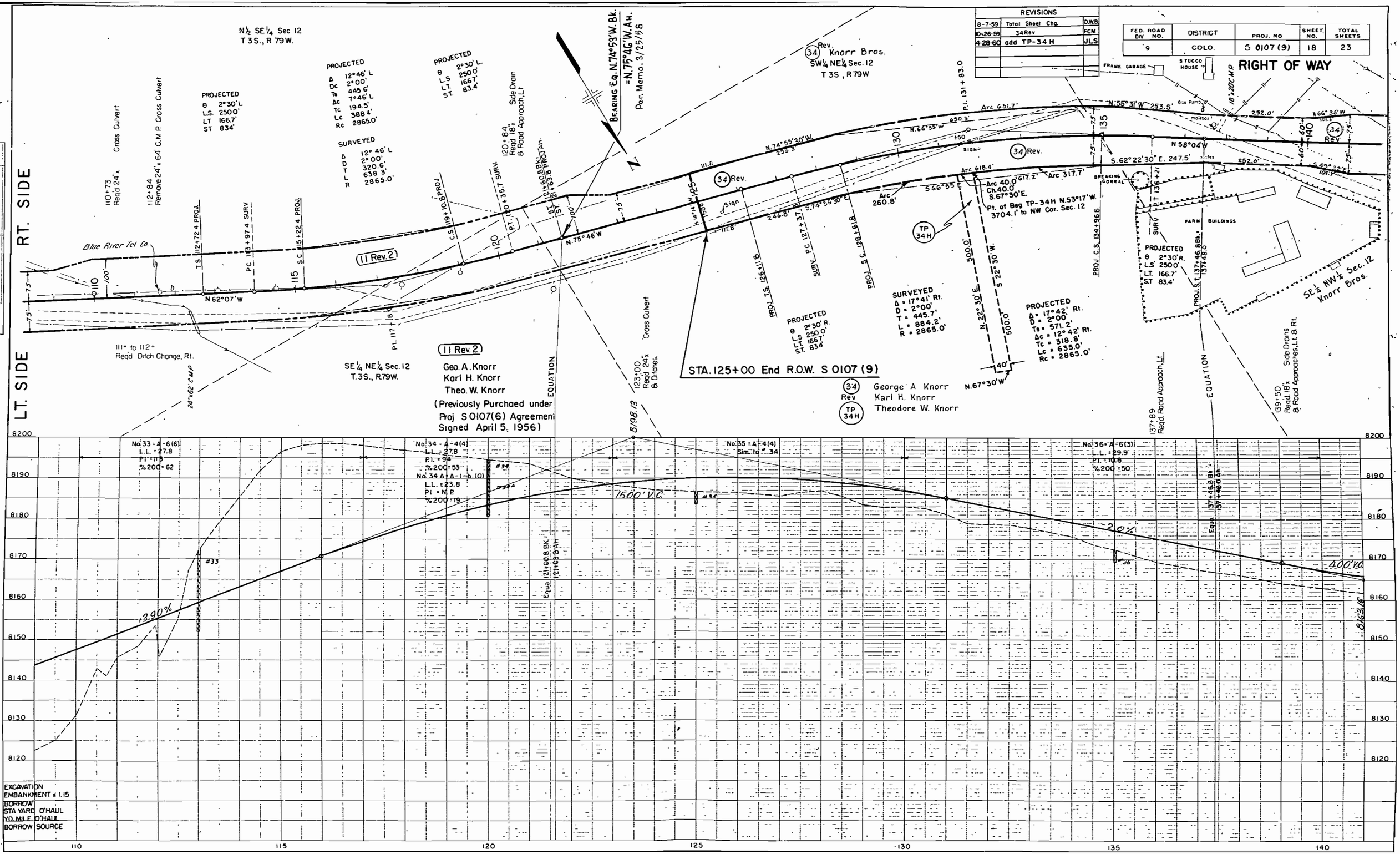
REVISIONS		
8-11-58	Add T.P.'S	JLS
8-7-59	Total Sheet Chg.	D.W.B.
9-28-59	Changed Name on 35	FCM
10-26-59	34 Rev	F.C.M.



REVISIONS		
8-7-59	Total Sheet Chg.	D.W.B.
10-26-59	34Rev.	F.C.M.
4-28-60	add TP-34 H	J.L.S.

FED. ROAD DIV. NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S 0107 (9)	18	23

RIGHT OF WAY



COLORADO DEPARTMENT OF HIGHWAYS
Form CDH 134
April 1952

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
NO. OF MAP CHECKED
NOTE BOOK
NO.

PROFILE
GRADE CHECKED
STRUCTURE NOTES CHKD.
NOTE BOOK
NO.

PLATE 1 - PLAN-PROFILE O P R & R C STANDARD

FED. ROAD REGION NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S 0107(9)	19	23

RIGHT OF WAY

REVISIONS

8-7-59	Sheet added	DWB

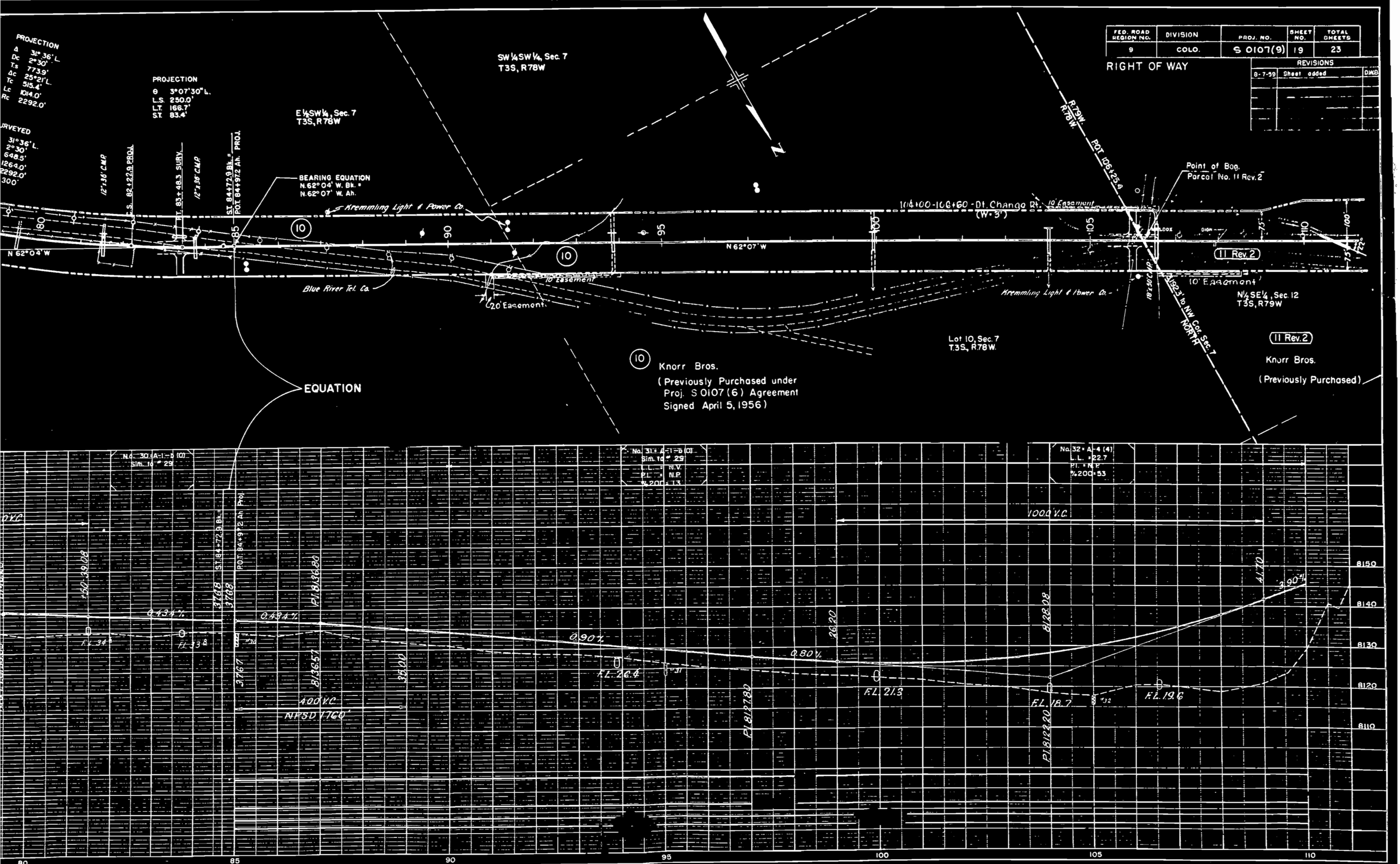


PLATE 1 - PLAN-PROFILE O. P. R. & R. E. STANDARD
KEUFFEL & ESSER CO. NEW YORK

FED. ROAD REGION NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S 0107(9)	20	23

RIGHT OF WAY

REVISIONS		
8-7-59	Sheet added	DWB

Lot 3, Sec. 18
T. 3 S., R. 78 W.

E½ SW¼ Sec. 7

(9) Geo. A. Knorr
Karl H. Knorr
Theo. W. Knorr
(Previously Purchased under Proj. S 0107 (6) Agreement Signed April 5, 1956)

PROJECTED
θ 3°07' 30" L.
Ls 250.0'
L.T. 166.7'
S.T. 83.4'

SURVEYED
Δ 31°36' L.
D 2°30'
T 648.5'
L 1264.0'
R 2292.0'

PROJECTED
Δc 25°21' L.
Dc 2°30'
Tc 515.4'
Lc 1014.0'
Rc 2292.0'
Δ 31°36' L.
Ts 773.9'
H.S.D. > 1130'

PROJECTED
θ 3°07' 30" L.
Ls 250.0'
L.T. 166.7'
S.T. 83.4'

BEARING EQUATION
N 62° 04' W. Bk =
N 62° 07' W. Ah.

EQUATION

Kremming Light & Power Co.
Blue River Tel. Co
S.H. No. 9
N. 30° 28' W.
N. 62° 04' W.
10' Easement
Pt. of Beg.
Parcel No. 10
P.O.T. 68+45.6
PI 77+32.8

(10) Geo. A. Knorr
Karl H. Knorr
Theo. W. Knorr
(Previously Purchased)

Lot 12, Sec. 7

STA. 65 + 00
END PROJ. S 0107 (9) =
END S 0107 (6) CONST.

PROJECTED
θ 2° 30' R.
Ls 250.0'
L.T. 166.7'
S.T. 83.4'

SURVEYED
Δ 5°00' R.
D 2°00'
T 125.1'
L 250.0'
R 2865.0'

PROJECTED
Δ 5°00' R.
Ts 250.1'
H.S.D. > 1300'

PROJECTED
θ 2°30' R.
Ls 250.0'
L.T. 166.7'
S.T. 83.4'

NOTE: Level Equation
El. 8150.18-1951 Datum =
El. 8148.38-1957 Datum

FL. 42.1
FL. 42.6
FL. 35.1
FL. 34.0
FL. 39.8

0.16%
1.10%
0.434%
0.434%

300' V.C.
400' V.C.
400' V.C.
N.P.S.D. 9.75

8170
8160
8150
8140
8130

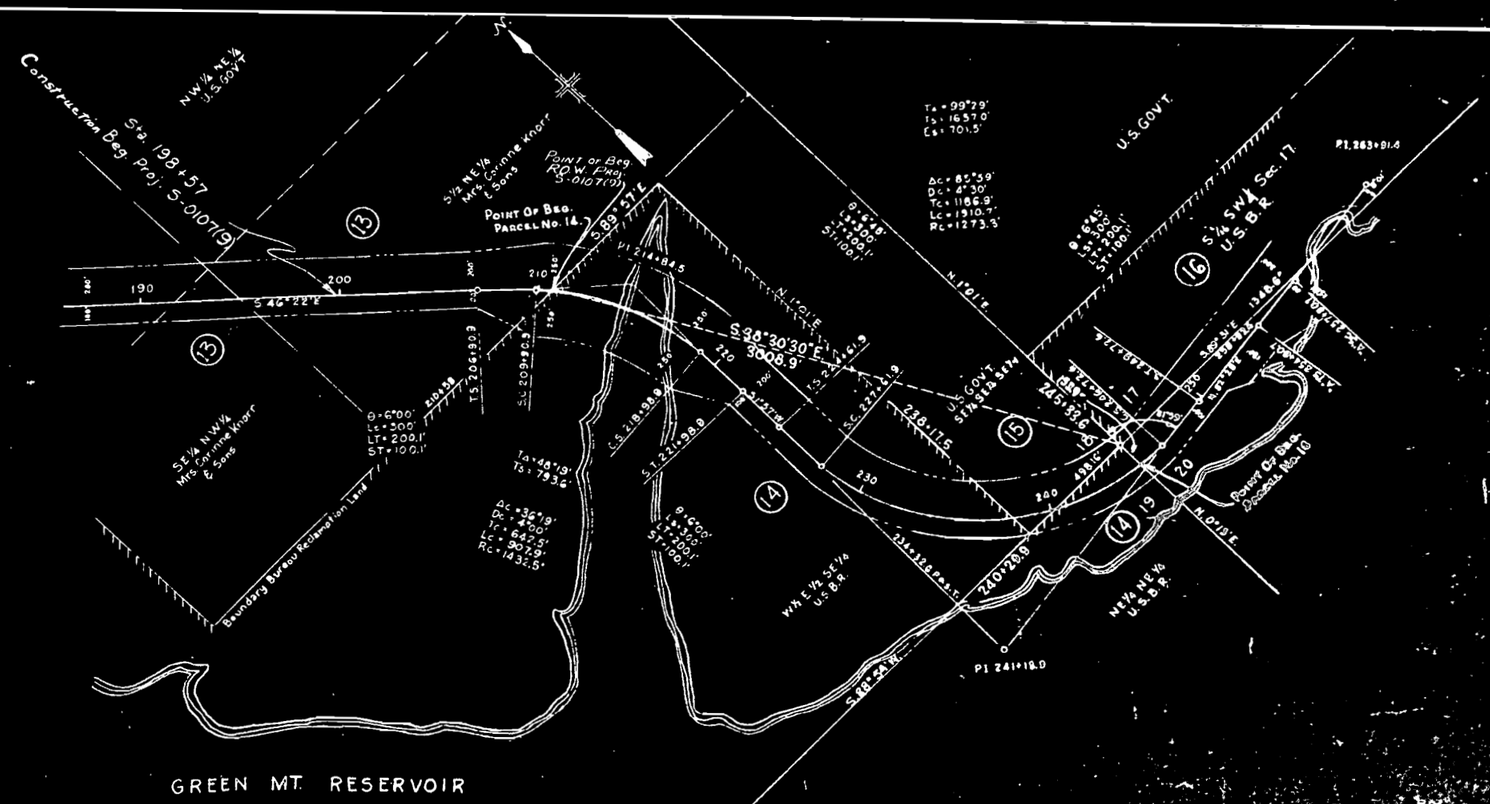
60
65
70
75
80
85

COLORADO DEPARTMENT OF HIGHWAYS
PROJECT S-0107 (9)
R.O.W. OWNERSHIP MAP
SUMMIT COUNTY
T.2 S., R.80 W. & T.2 S., R.79 W.
SCALE 1" = 400'

FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S-0107 (9)	21	23

RIGHT OF WAY

REVISIONS		
8-7-59	Total Sheet Chg.	DWB



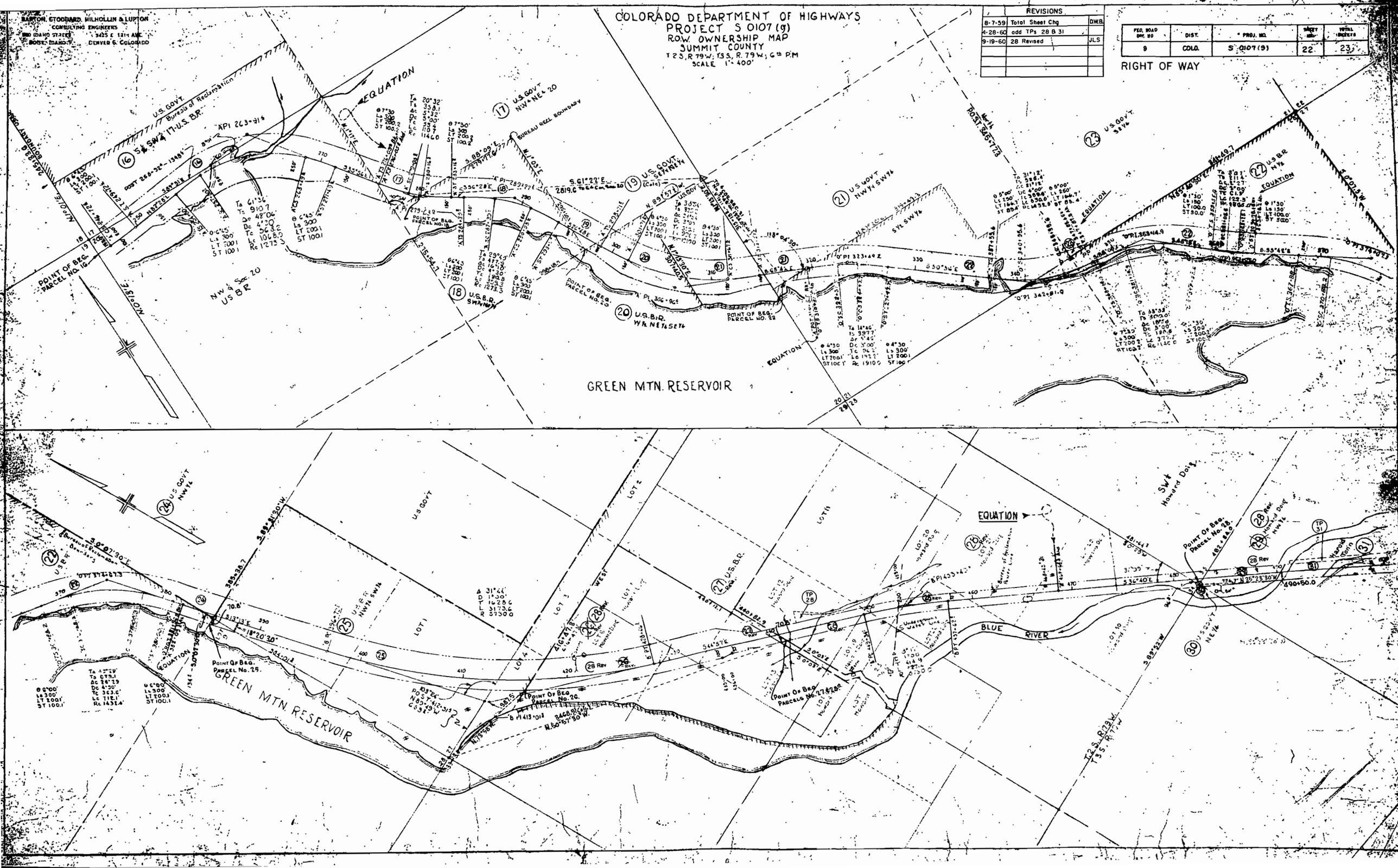
BARTON, GOODARD, WILHOLLIN & LUPTON
CONSULTING ENGINEERS
BOISE, IDAHO — DENVER 6, COLORADO

COLORADO DEPARTMENT OF HIGHWAYS
PROJECT S 0107 (9)
R.O.W. OWNERSHIP MAP
SUMMIT COUNTY
T 2 S, R 79 W; T 3 S, R. 79 W; 6th P.M.
SCALE 1" = 400'

REVISIONS		
8-7-59	Total Sheet Chg	DWB
4-28-60	add TPs 28 & 31	
9-19-60	28 Revised	JLS

FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S 0107 (9)	22	23

RIGHT OF WAY



BARTON, STODDARD, WILHOLLIN & LUPTON
CONSULTING ENGINEERS
500 IDAHO STREET BOISE, IDAHO
3425 E 12TH AVE. DENVER 6, COLORADO

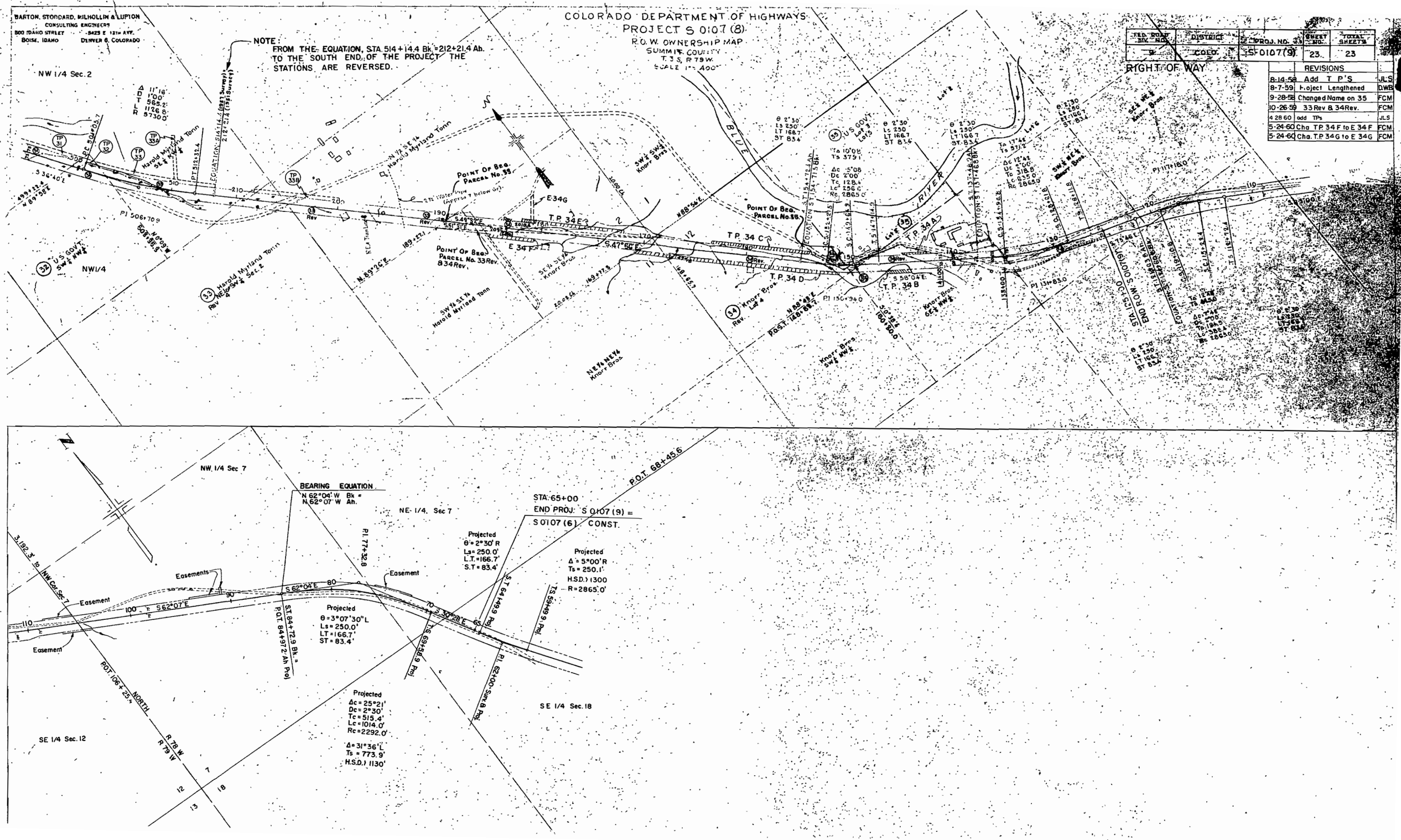
COLORADO DEPARTMENT OF HIGHWAYS
PROJECT S 0107 (8)
R.O.W. OWNERSHIP MAP
SUMMIT COUNTY
T. 3 S, R 79 W.
SCALE 1" = 400'

NOTE: FROM THE EQUATION, STA. 514+14.4 Bk. = 212+21.4 Ah. TO THE SOUTH END OF THE PROJECT THE STATIONS ARE REVERSED.

FED. ROAD DIV. NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S 0107(9)	23.	23

RIGHT OF WAY

REVISIONS		
8-14-58	Add T P'S	JLS
8-7-59	Project Lengthened	DWB
9-28-59	Changed Name on 35	FCM
10-26-59	33 Rev & 34 Rev.	FCM
4 28 60	add TPs	JLS
5-24-60	Cha T.P. 34 F to E 34 F	FCM
5-24-60	Cha. T.P. 34 G to E 34 G	FCM



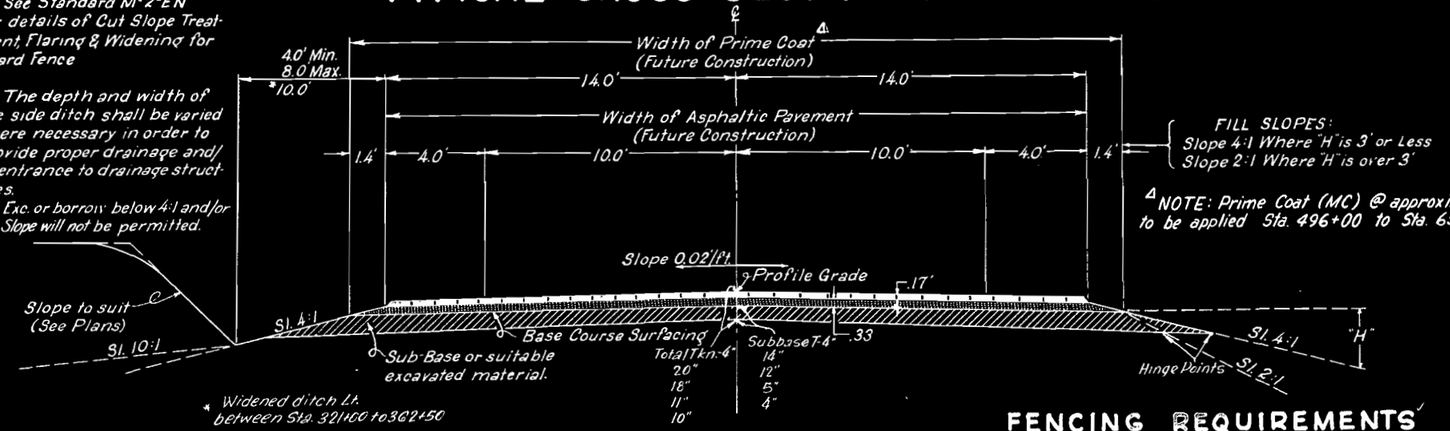
FEDERAL ROAD REGION NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLORADO	S 0107 (9)	2	

TYPICAL CROSS SECTION OF IMPROVEMENT AND SUMMARY OF QUANTITIES

NOTE:
See Standard M-2-EN for details of Cut Slope Treatment, Flaring & Widening for Guard Fence

The depth and width of the side ditch shall be varied where necessary in order to provide proper drainage and/or entrance to drainage structures.

Exc. or borrow below 4:1 and/or 10:1 Slope will not be permitted.



Δ NOTE: Prime Coat (MC) @ approximately .4 gal. Per Sq. Yd. to be applied Sta. 496+00 to Sta. 65+00 on this contract.

GENERAL NOTES

This project is to be constructed in conformity with the Standard Specifications of the Colorado State Highway Department adopted Jan. 1st, 1958

All quantities on preliminary plans are to be considered approximate only.

Payment for overhaul will be based on measurement along the centerline of the project.

Approximate location and quantities involved in construction of intercepting ditches are tabulated on Summary of Earthwork Quantities sheet.

All curves are to be superelevated in accordance with Std. M-1-D. Maximum Superelevation to be used shall be 0.08 ft. per ft.

If excavation operations develop materials which will stand on slopes steeper than slope stake lines, the Department reserves the right to change cut slope during the progress of such excavation.

All poles encroaching on construction are to be moved by owners.

Culverts projecting from embankments shall be covered with approximately 6 inches of embankment material in such a manner that a minimum of pipe shall be exposed in the completed work. This shall be accomplished by warping embankment slopes around and adjacent to the culvert.

All Corrugated Metal Pipe Cross Culverts including Arch Culverts shall be laid without Metal Aprons on either end unless otherwise noted on the plans.

It is estimated that the old road is to be obliterated at locations indicated on Plan-Profile sheets and in the List of Structures.

The force account item, "Clearing of Building Sites, including removal of Foundation and Appurtenances," shall include removal of all foundations, wells, outhouses and other appurtenances not removed by the owner, and any necessary backfilling of cellars, cesspools, wells, etc., to provide neat road-side conditions. It is estimated that this item applies at the following locations: Sta. 483+ and Sta. 195+.

FUTURE CONSTRUCTION
Asphaltic Pavement 2" (Entire Project)
4" Base Course Surf. (Sta. 250+50 to 496+00)

For Present Construction see Surfacing Plan on Sheet No. 2b

SUB-BASE PLAN (FUTURE CONST.)

Location	T (Total)	T - 4"
251+00 to 412+00	18"	14"
412+00 to 437+00	8"	4"
437+00 to 467+00	16"	12"
476+00 to 496+00	8"	4"

For Present Construction see Sub-Base Plan on Sheet No. 2b

R. O. W. MARKERS

Station	No. Side Lt.	No. Side Rt.
272+00	1	1
297+00	1	1
328+00	1	1
359+00	1	1
388+00	1	1
411+00	1	1
437+00	1	1
463+00	1	1
487+00	1	1
65+00	1	1
86+00	1	1
112+00	1	1
138+00	1	1
162+00	1	1
188+00	1	1
212+214	1	1
514+14.4		
495+00	1	1
TOTAL	34	

FENCING REQUIREMENTS

STATION	SIDE	LINEAR FEET: REMOVE FENCE	NEW FENCE: 4 Barbed ø Wire	NEW FENCE: 5 Barbed ø Wire	NEW FENCE: Combination	NUMBER NEW GATE: Barbed Wire	NUMBER NEW GATE: Drive-
428+30-431+00	X	520					
437+70-438+80	Rt.	110					
464+90-465+90	Rt.	260					
474+30-	X	150					
65+00-135+30	X	9600					
138+00-141+40	X	440					
148+10-153+50	X	655					
185+20-190+10	X	700					
195+50-197+10	X	190					
198+75-199+65	Lt.	260					
203+30-207+40	X	590					
208+80-210+40	X	220					
510+90-494+75	X	1,650					
292+00-417+90	Lt.		15,670				
417+90-431+10	Lt.		1,320				
431+10-489+80	Lt.				5,870		
250+50-256+00	Rt.		550				
263+25-284+40	Rt.		2,070				
416+47.3	X		560				
380+50-428+30	Rt.		4,800				
428+30-475+50	Rt.				4,720		
480+20-489+80	Rt.				960		
65+00-106+20	Lt.			4,040			
106+20-491+20	Lt.		12,790				
106+00-491+00	Rt.		12,800				
475+00-480+00	Rt.		500				
508+00-514+00	Lt.		600				
314+50-	Lt.					1-16'	
339+00-	Lt.					1-16'	
397+50-	X					2-16'	
441+20-	Rt.						1-16'
444+00-	Lt.						1-16'
448+00-	X						2-16'
474+30-	Lt.					1-16'	
478+00-	Lt.						1-16'
480+00-	Rt.						1-16'
497+00-	Lt.					1-16'	
83+40-	X					2-16'	
106+00-	Lt.					1-16'	
106+00-	Rt.						1-16'
123+00-	Lt.					1-16'	
137+90-	Lt.						1-16'
139+50-	X						2-16'
147+50	Rt.						1-16'
152+00	Lt.					1-16'	
181+00	X					2-16'	
496+00	Rt					1-16'	
65+00-106+00	Rt.			4,030			
TOTALS		15,345	51,660	8,070	11,550	14	11

* Wood Stays Required

NOTE:
From the Equation, 514+14.4 Bk.= 212+21.4 Ah., to the South end of the project the Stations and sides are reversed.

TABULATION OF LENGTH AND DESIGN DATA

STATION	ROADWAY LIN. FT.	BRIDGES LIN. FT.	BRIDGES LOADING
Sta. 250+50 BEGIN S0107(9) = END S0107(8)			
	2559.0		
276+09.0 Bk. = 276+05.8 Ah. Equation			
	7,181.9		
347+87.7 Bk. = 347+95.2 Ah. Equation			
	1582.9		
363+78.1 Bk. = 363+78.2 Ah. Equation			
	1,818.7		
381+96.9 Bk. = 382+09.3 Ah. Equation			
	8,636.4		
468+45.7 Bk. = 468+68.3 Ah. Equation			
	2,097.9		
489+66.2 Blue River Bridge 491+33.8		167.6	H20-S16-44
	2,280.6		
514+14.4 Bk. = 212+21.4 Ah. Equation			
	5,749.0		
154+72.4 Ah. 154+71.6 Bk. = Equation			
	1,723.6		
137+48.0 Ah. 137+46.8 Bk. = Equation			
	1,583.0		
121+63.8 Ah. 121+60.8 Bk. = Equation			
	3,663.6		
84+97.2 Ah. 84+72.9 Bk. = Equation			
	1,972.9		
65+00			
END PROJ. S 0107(9) = END PROJ. S 0107(6)			
TOTALS	40,849.5	167.6	

SUMMARY	Lin. Ft.	Miles
S 0107(9) Roadway	40,849.5	7.737
Bridge	167.6	.031
TOTAL S 0107(9)	41,017.1	7.768

DESIGN DATA

Maximum Degree of Curve	5°00'
Maximum Grade	5.99 %
Minimum N.P.S.D. - Horizontal	440'
Minimum N.P.S.D. - Vertical	475'
Maximum Design Speed	55 M.P.H.