FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0028(2)	1	11

RIGHT OF WAY

COLORADO
STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED
FEDERAL AID SECONDARY PROJECT NO. S 0028(2)
STATE HIGHWAY NO. 86
ELBERT COUNTY

STA 250+00 Begin S0028(2) =
STA 250+00 on RL Proj S 0028(3)

INDEX OF SHEETS

1 TITLE SHEET
2 TABULATION OF PROPERTIES
3-11 PLAN AND PROFILE SHEETS SHOWING RIGHT OF WAY

CONVENTIONAL SIGNS

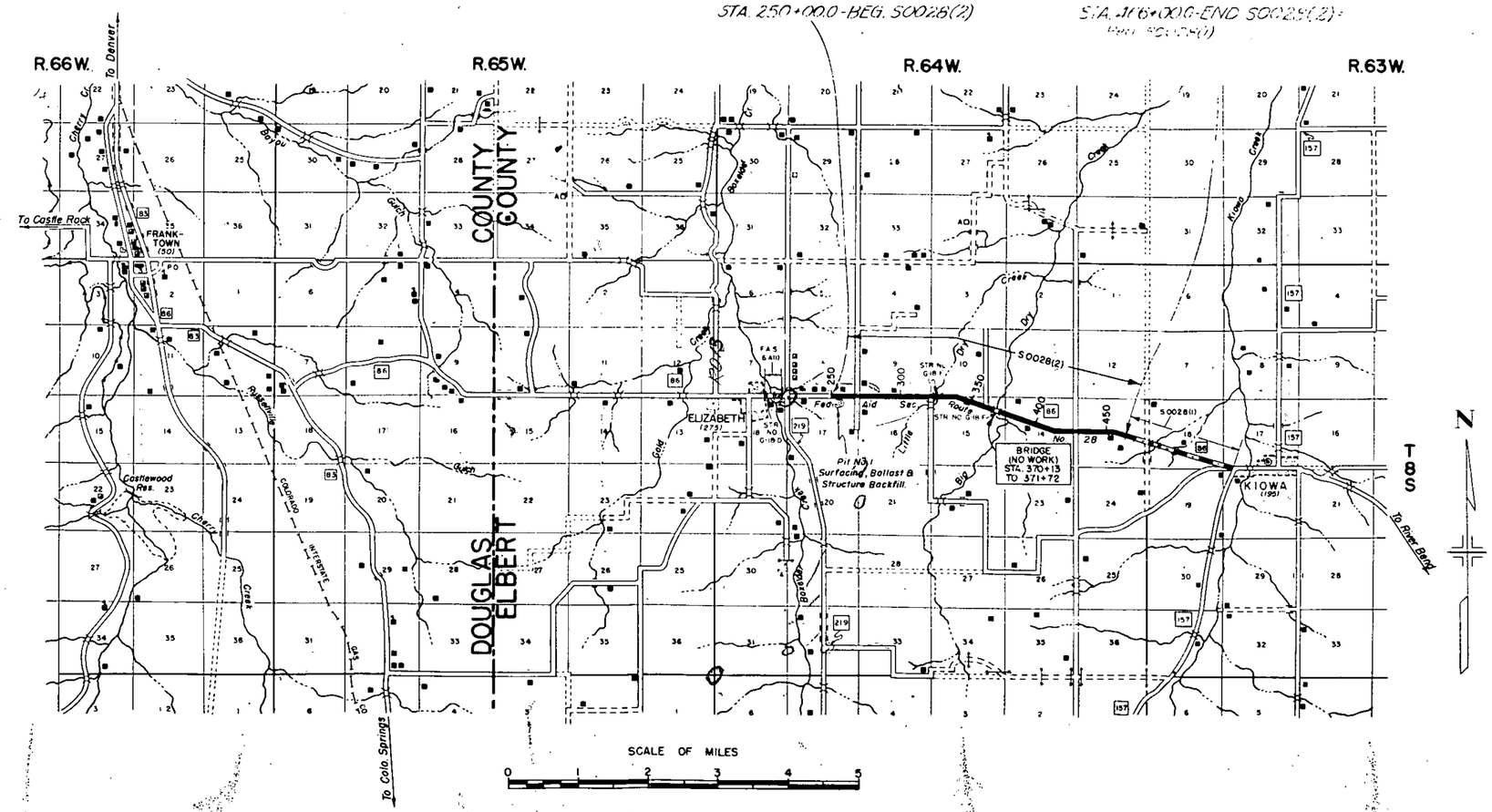
CENTER LINE — TITLE PAGE
RIGHT OF WAY LINE
SECTION LINE
QUARTER SECTION LINE
CITY LIMINTS
BARBED WIRE FENCE
WOVEN WIRE-COMBINATION FENCE
BOARD FENCE
SNOW FENCE
TELEPH. & TELEG. LINE
POWER LINE
PRESENT ROAD (Plan Sheets)

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 21,620.2 Ft. = 4.094 Miles
NET LENGTH OF PROJECT 21,461.3 Ft. = 4.064 Miles

RIGHT OF WAY



R.O.W. TABULATION OF PROPERTIES IN ELBERT COUNTY S.H. No. 86 PROJ. S0028(2)

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S0028(2)	2	11

RIGHT OF WAY Rev. 1-31-50 S.W.Z.

PARCEL NO.	OWNER	ADDRESS	LOCATION	AREA IN ACRES			REMARKS	NO.
				TOTAL LAND IN TRACT	PARCEL	TO BE ACQUIRED		
1	TOM STEPHENS	ELIZABETH, COLO.	W1/2, S.E. 1/4, SEC. 8	80	5.197	3.559		
			T8S, R64W					
2	FRED & RUTH FOOS	ELIZABETH, COLO.	E1/2, S.E. 1/4, SEC. 8	80	3.204	1.930		
			T8S, R64W					
3	M.J. & ROXIE WEAVER	ELIZABETH, COLO.	N.E. 1/4, SEC. 17	160	0.761	0.462		
			T8S, R64W					
4	GEORGE LEWIS	ELIZABETH, COLO.	S.W. 1/4, SEC. 9	160	2.863	1.287		
			T8S, R64W					
5	GEORGE RUSSELL	ELIZABETH, COLO.	N.W. 1/4, SEC. 16	160	2.365	0.216		
			T8S, R64W					
6	GEORGE RUSSELL	ELIZABETH, COLO.	S.E. 1/4, SEC. 9	160	2.643	0.818		
			T8S, R64W					
7	ELMER D. HANSELL	ELIZABETH, COLO.	N.E. 1/4, SEC. 16	160	2.333	0.813		
			T8S, R64W					
8	GEORGE RUSSELL	ELIZABETH, COLO.	S.W. 1/4, SEC. 10	160	1.748	0.852		
			T8S, R64W					
9	LILA Z. DEWITT	827 ADAMS ST., DENVER, COLO.	N.W. 1/4, SEC. 15	1/4	.481	.155		
			T8S, R64W					
10	LILA Z. DEWITT	827 ADAMS ST., DENVER, COLO.	N.W. 1/4, SEC. 15	4	1.122	.401		
			T8S, R64W					
11	M.J. & ROXIE WEAVER	ELIZABETH, COLO.	N1/2, N.E. 1/4, SEC. 15	12	0.798	0.317		
			T8S, R64W					
12	LILA Z. DEWITT	827 ADAMS ST., DENVER, COLO.	S1/2, N.E. 1/4, SEC. 15	23.97	0.334	0.054		
			T8S, R64W					
13	PAUL DICKMAN	1901 EMERSON ST., DENVER, COLO.	S1/2, SEC. 13,	320	3.338	0.990		
			T8S, R64W					

FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S0028(2)	3	11

RIGHT OF WAY

S.W. 1/4, SEC. 8, T. 8 S., R. 64 W.

$\Delta = 4° 31' Lt.$
$D = 0° 30'$
$T = 452.0'$
$L = 903.3'$
$R = 11,460.0'$
Hor. S.D. =

N

PASTURE

SEC. CORNER 6.98' N 0° 15' E OF ℄

N. 0° 15' E

7

18

17

S. 89° 42' E.

Mountain States T. & T. Co.

T SIGN

16' GATE

P.C. 224+05.1

COMMUNITY HOUSE

PICNIC GROUNDS

TREES

16' X 16' CMP

2½' GATE

16' GATE

Intermountain Power & Light Co.

55'

55'

SAWMILL SM

P.I. 228+57.1

U.S.G.S. B.M.

P.I. 233+08.4

BARN

CORRAL

HO

ELECTRIFIED FENCE

N. 85° 47' E

S 89° 29' E SECTION LINE

1331.0'

1/4 SECTION LINE

N 0° 30' W

156.6'

50'

265.0'

50'

16' GATE

12'X 20' CMP

HOUSE

P.I. 246+33.8

PASTURE

① TOM STEPHENS
ELIZABETH, COLO.

PASTURE

TREES

P.C. 244+18.4

SECTION LINE STA. 214+20.5

RD 17

N.W. 1/4, SEC. 17, T. 8 S., R. 64 W.

NO. 2 = A-2-4(0)
SIMILAR TO NO. 1

NO. 1 = A-2-4(0)
L.L. = 29.5
P.I. = N.P.
%-200 = 29.8

NO. 2A = A-2-4(0)
SIMILAR TO NO. 1A

NO. 1A = A-2-4(0)
L.L. = 24.8
P.I. = N.P.
%-200 = 32.0
C.B.R. = 23.3 (REF. TEST NO. 12A)

NO. 3 = A-1-b(0)
L.L. = 18.2
P.I. = N.P.
%-200 = 7.8

NO. 4 = A-1-b(0)
SIMILAR TO NO. 3

NO. 5 = A-1-b(0)
SIMILAR TO NO. 3

NO. 6 = A-1-b(0)
SIMILAR TO NO. 3

NO. 7 = A-1-b(0)
SIMILAR TO NO. 3

NO. 5

NO. 4

NO. 3

NO. 2
NO. 2A

NO. 6

NO. 7

6550 6630
6540 6620
6530 6610
6520 6600
6510 6590
6500 6580
6490 6570
6480 6560

6550
6540
6530
6520
6510
6500
6490
6480
6470

215 220 225 230 235 240 245

PLATE 1 - PLAN - PROFILE

FED ROAD DIV NO	DIST	PROJ NO	SHEET NO	TOTAL SHEETS
9	COLO.	S0028(2)	4	11

S.E. 1/4, SEC. 8, T. 8 S., R. 64 W.

S.W. 1/4, SEC. 9, T. 8 S., R. 64 W.

RIGHT OF WAY

① TOM STEPHENS
ELIZABETH, COLO.

PASTURE

② FRED & RUTH FOOS
ELIZABETH, COLO.

CULTIVATED

④ GEORGE LEWIS
ELIZABETH, COLO.

③ M.J. & ROXIE WEAVER
ELIZABETH, COLO.

PASTURE

⑤ GEORGE RUSSELL
ELIZABETH, COLO.

To Elizabeth

HOUSE

BARN

P.I. 246+33.8

O.T.C.

437.5'

631.6'

Mountain States T. & T. Co.

S. 85° 37' E.

Intermountain Power & Light Co.

133.1'

S. 89° 29' E.

SECTION LINE

50° 29' E

P.O.T. 257+00

N 88° 40' E
200.8'

P.C. 266+27.9

262+50

527.1'

N 19° 54' W
134.4'

POINT OF BEGINNING
PARCEL 1

P.C. 244+18.4

P.T. 248+48.4

Δ = 8° 36' Rt.
D = 2° 00'
T = 215.4'
L = 430'
R = 2865'
Hor. S.D. = 710'

Δ = 4° 27' Lt.
D = 2° 00'
T = 111.3'
L = 222.5'
R = 2865'
Hor. S.D. = 710'

P.T. 268+50.4

+ 90.3

SECTION LINE

BEGINNING POINT OF PARCELS 2, 3, 4, 5

S. 79° 52' W.
110.9'

S84° 21' E
100.5'

S84° 13' W
100.5'

500.0'

SEC. LINE N 89° 56' E

SEC. CORNER
5.5' S 0° 29' E FROM

168.3'

P.I. 267+39.2

N 0° 29' W

Rd 21

271+04.9 BK. ON "Y" LINE =
270+95.1 AH. ON ORIG. LINE

EQUATION

STA. 250+00.0 - BEG. S0028(2)

N.E. 1/4, SEC. 17, T. 8 S., R. 64 W.

N.W. 1/4, SEC. 16, T. 8 S., R. 64 W.

NO. 8 = A-1-b(0)
SIMILAR TO NO. 3
NO. 3 = A-1-b(0)
L.L. = 16.2
P.I. = NP
% -200 = 7.8

NO. 8A = A-7-6(11)
L.L. = 42.9
P.I. = 15.3
% -200 = 76.0

NO. 8B = A-1-b(0)
SIMILAR TO NO. 3
NO. 8C = A-4(2)
L.L. = 32.5
P.I. = 15.9
% -200 = 44.2
C.B.R. = 3.2

NO. 9 = A-1-b(0)
SIMILAR TO NO. 3

NO. 10 = A-1-b(0)
SIMILAR TO NO. 3

NO. 11 = A-6(4)
L.L. = 39.1
P.I. = 18.2
% -200 = 43.3

NO. 11A = A-2-7(1)
L.L. = 43.0
P.I. = 17.2
% -200 = 25.5
C.B.R. = 5.6

NO. 12
NO. 12A

NO. 12 = A-2-7(1)
SIMILAR TO NO. 11A
NO. 12A = A-1-b(0)
L.L. = 24.6
P.I. = NP
% -200 = 13.2
C.B.R. = 23.3

NO. 13 = A-7-6(9)
L.L. = 40.7
P.I. = 20.2
% -200 = 59.6
C.B.R. = 3.3

200' VC

400' VC

1200' VC
NPSD 480'

+1.20%

+3.80%

+4.40%

-3.40%

APPROACH TO PROJECT

GRADE FOR FUTURE CONSTRUCTION

P.I. 251+20

P.I. 253+80

P.I. 257+80

P.I. 260+48

P.I. 272+11

S NO. 8
S NO. 8A
S NO. 8B
S NO. 8C
S NO. 10
S NO. 11
S NO. 11A
NO. 9
NO. 12
NO. 13

6690
6680
6670
6660
6650
6640
6630
6620
6610

245
250
255
260
265
270
275

BANK FACTOR
(CAV. -
BANK
BANK X FACTOR
A. YD. O.H.
MI. O.H.
ORROW
ORROW SOURCE

PLATE 1 - PLAN PROFILE

FED ROAD DIV NO.	DIST.	PROJ NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S0028(2)	5	11

S.E. 1/4, SEC. 9, T.8S., R.64W.

RIGHT OF WAY

S.W. 1/4, SEC. 9, T.8S., R.64W.

N

PASTURE

CULTIVATED

④ GEORGE LEWIS
ELIZABETH, COLO.

CULTIVATED

⑥ GEORGE RUSSELL
ELIZABETH, COLO.

1/4 SECTION LINE STA. 294+

POT. 294+69.9

S 84° 2' E
199.5'

S. 84° 13 W.
100.5'

N. 89° 56' E.

1944.3'

Mountain States T. & T. Co.

SEC. LINE BEARING N. 89° 54' E. 2634.0'

1944.3'

Intermountain Power & Light Co.

1/4 CORNER 3.30' S 0° 29' E OF ℄

2355.8'

2355.8

20°00'

⑤ GEORGE RUSSELL
ELIZABETH, COLO.

⑦ ELMER D. HANSELL
ELIZABETH, COLO.

PASTURE

CULTIVATED

CULTIVATED

S 0° 4' E

N.W. 1/4, SEC. 16, T.8S., R.64W.

N.E. 1/4, SEC. 16, T.8S., R.64W.

NO.14 = A-7-6(9)
SIMILAR TO NO.13
NO.13 = A-7-6(9)
L.L. = 40.7
P.I. = 20.2
%-200 = 59.6
C.B.R. = 3.3 (REF. TEST NO. 13)

NO.15 = A-7-6(9)
SIMILAR TO NO.13
C.B.R. = 3.3 (REF. TEST NO. 13)

NO.16 = A-6(11)
L.L. = 34.9
P.I. = 15.5
%-200 = 80.6
C.B.R. = 3.2

NO.17 = A-7-6(9)
SIMILAR TO NO.13
C.B.R. = 3.3 (REF. TEST NO. 13)

NO.18 = A-6(10)
SIMILAR TO NO.16.
C.B.R. = 3.2 (REF. TEST NO.16)

100' V.C.

200' V.C.

600' V.C.
NPSD 480'

NO V.C.

600'

-1.49%

-0.40%

+0.30%

-2.00%

-0.50%

+2.00%

NO.14

NO.15

NO.16

NO.17

NO.18

519

516.3

518

545

524

545 P.I.

524 P.I.

220 P.I.

6670
6660
6650
6640
6630
6620
6610
6600

EMBANK. FACTOR
EXCAV.
EMBANK.
EMBANK. X FACTOR
STA. YD. O.H.
YD. MI. O.H.
BORROW
BORROW SOURCE

275 280 285 290 295 300 305

PLATE 1 - PLAN - PROFILE

FED ROAD DIV NO	DIST.	PROJ NO	SHEET NO	TOTAL SHEETS
9	COLO.	S0026(2)	6	11

RIGHT OF WAY

S.E. 1/4, SEC. 9, T. 8 S., R. 64 W.

S.W. 1/4, SEC. 10, T. 8S., R. 64 W.

N

CULTIVATED

⑥ GEORGE RUSSELL
ELIZABETH, COLO.

P.O.T. 307+00

Mountain States T. & T. Co.

2555.9'

SEC. LINE BEARING N. 89° 34' E. 2678.9

N. 89° 56' E.

Intermountain Power & Light Co. 2555.6'

⑦ ELMER HANSELL
ELIZABETH, COLO.

CULTIVATED

POINT OF BEGINNING PARCELS 6, 7, 8, 9.

SEC. CORNER 2.0' S 0° 13' W OF E

N 0° 13' E

Easement necessary for Channel Improvement.

Section Line 321+23.2

CREEK

DRY

P.O.T. 322+93.3

N 80° 54' W 124.0'

N 78° 49' W 102.9'

N 78° 57' E 102.0'

277.1'

376.8'

LITTLE

P.C. 323+12.8 (Survey Line)
P.O.T. 323+12.8 (Proj. Line)

Rd 25

PASTURE

⑧ GEORGE RUSSELL
ELIZABETH, COLO.

300.0'

N 82° 47' E 160.7'

1634.3'

Arc 602.3'

P.I. 334+72.0 (Proj. Line)

⑨ ...ILA Z. DEWITT
827 ADAMS ST.
DENVER, COLO.

GARAGE

HOUSE

MAIL BOX

P.C. 331+59.5 (Proj. Line)

Projected Line
Δ = 12° 27' Rt.
D = 2° 00'
T = 312.5'
L = 622.5'
R = 286.5'
Hor. S.D. = 710'

N.E. 1/4, SEC. 16, T. 8S., R. 64 W.

N.W. 1/4, SEC. 15, T. 8S., R. 69 W.

NO. 19 = A-2-7(1)
SIMILAR TO NO. 11A
NO. 11A = A-2-7(1)
L.L. = 43.0
P.I. = 17.2
%-200 = 25.5
C.B.R. = 5.6 (REF. TEST NO. 11A)

NO. 20 = A-6(10)
SIMILAR TO NO. 16
NO. 16 = A-6(10)
L.L. = 34.9
P.I. = 15.5
%-200 = 80.6
C.B.R. = 3.2 (REF. TEST NO. 16)

NO. 21 = A-2-4(0)
SIMILAR TO NO. 12A
NO. 12A = A-2-4(0)
L.L. = 24.6
P.I. = N.P.
%-200 = 15.2
C.B.R. = 23.3 (REF. TEST NO. 12A)

NO. 22 = A-7-6(9)
SIMILAR TO NO. 13
NO. 13 = A-7-6(9)
L.L. = 40.7
P.I. = 20.2
%-200 = 59.6
C.B.R. = 3.3 (REF. TEST NO. 13)

NO. 23 = A-2-7(1)
SIMILAR TO NO. 11A
NO. 23A = A-2-4(0)
SIMILAR TO NO. 12A
C.B.R. = 23.3 (REF. TEST NO. 12A)

NO. 24 = A-2-7(1)
SIMILAR TO NO. 11A
C.B.R. = 5.6 (REF. TEST NO. 11A)

NO. 25 = A-2-7(1)
SIMILAR TO NO. 11A
NO. 25A = A-2-4(0)
SIMILAR TO NO. 12A
C.B.R. = 23.3 (REF. TEST NO. 12A)

NO. 18

NO. 19

NO. 20

NO. 21

NO. 22

NO. 23

NO. 23A

NO. 24

NO. 25

NO. 25A

3.70%

200' VC

987

9540

936

1.36%

909

8820 EV

800' VC

8458

4.55%

400' VC
NPSD 430'

6770

P.I. 6458.30

200' VC
NPSD 435'

6620
6610
6600
6590
6580
6570
6560
6550
6540

305 310 315 320 325 330 335

MBANK FACTOR
XCAV.
MBANK
MBANK X FACTOR
TA. YD. O.H.
D. MI. O.H.
ORROW
ORROW SOURCE

PLATE I PLAN PROFILE

FED ROAD DIV NO	DIST.	PROJ NO	SHEET NO	TOTAL SHEETS
9	COLO.	S0028(2)	7	11

RIGHT OF WAY

S.W. 1/4, SEC. 10, T. 8 S., R. 64 W.

N.E. 1/4, SEC. 15, T. 8 S., R. 64 W.

N.W. 1/4, SEC. 15, T. 8 S., R. 64 W.

(8) GEORGE RUSSELL
ELIZABETH, COLO.

(10) (12) LILA Z. DE WITT
827 ADAMS ST
DENVER, COLO

(11) M. J WEAVER & ROXIE WEAVER.
ELIZABETH, COLO.

PASTURE

CULTIVATED

Section Line

1/4 Section Line

Point of Beginning
Parcel # 10 & 11

Point of Beginning
Parcel # 12

To remain in place

Intermountain Power & Light Co.

Mountain States T. & T. Co.

P.I. 334+72.0 (Proj. Line)

P.I. 339+03 (Survey Line)

P.I. 354+77.8 (Proj. Line)

P.T. 337+82.0 (Proj. Line)

P.C. 352+10.3 (Proj. Line)

P.T. 354+72.8 (Survey Line)

P.T. 356+45.3 Proj. Line Bk.
P.O.T. 356+40.3 Survey Line Ah

P.O.T. 350+00

Projected Line
Δ = 12° 27' Rt.
D = 2° 00'
T = 312.5'
L = 622.5'
R = 2865.0'
Hor. S.D.=

Projected Line
Δ = 3° 21' Rt.
D = 1° 00'
T = 167.6'
L = 335.0'
R = 5730'
Hor. S.D.=

EQUATION

NO. 26 = A-5(4)
SIMILAR TO NO. 11
NO. 11 = A-6(4)
L.L. = 39.1
P.I. = 18.2
%-200 = 43.3
NO. 26A = A-7-6(9)
SIMILAR TO NO. 13
NO. 13 = A-7-6(9)
L.L. = 40.7
P.I. = 20.2
%-200 = 59.6
NO. 26B = A-2-7(1)
SIMILAR TO NO. 11A
NO. 11A = A-2-7(1)
L.L. = 45.0
P.I. = 17.2
%-200 = 25.5
C.B.R. = 5.6 (REF. TEST NO. 11A)

NO. 27 = A-6(4)
SIMILAR TO NO. 11
NO. 27A = A-6(10)
SIMILAR TO NO. 18
NO. 18 = A-6(10)
L.L. = 38.9
P.I. = 15.5
%-200 = 80.6
C.B.R. = 3.2 (REF. TEST NO. 18)

NO. 28 = A-6(4)
SIMILAR TO NO. 11
NO. 28A = A-2-7(1)
SIMILAR TO NO. 11A
C.B.R. = 5.6 (REF. TEST NO. 11A)

NO. 29 = A-6(4)
SIMILAR TO NO. 11
NO. 29A = A-2-4(0)
L.L. = 25.6
P.I. = N.P.
%-200 = 21.9
C.B.R. = 23.3 (REF. TEST NO. 12A)

NO. 30 = A-7-5(19)
SIMILAR TO NO. 13
NO. 30A = A-7-6(6)
L.L. = 48.2
P.I. = 27.3
%-200 = 41.4

NO. 30B = A-7-6(10)
L.L. = 56.7
P.I. = 28.4
%-200 = 47.6
NO. 30C = A-1-b(0)
SIMILAR TO NO. 3
NO. 3 = A-1-b(0)
L.L. = 18.2
P.I. = N.P.
%-200 = 7.8

NO. 31 = A-2-4(0)
L.L. = 25.3
P.I. = N.P.
%-200 = 32.8
NO. 31A = A-6(4)
L.L. = 39.5
P.I. = 14.2
%-200 = 46.6
C.B.R. = 9.2

NO. 32 = A-6(4)
SIMILAR TO NO. 31A
C.B.R. = 9.2 (REF. TEST NO. 31A)

1200 VC
NPSE 436'

6000 VC
NPSE 450'

PLATE 1 - PLAN - PROFILE

FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S0028(2)	8	11

RIGHT OF WAY

N.E.1/4, SEC. 15, T. 8 S., R. 64 W.

N.W. 1/4, SEC. 14, T. 8 S., R. 64 W.

N

CULTIVATED

PASTURE

PASTURE

PASTURE

Intermountain Power & Light Co.

Mountain States T. & T. Co.

Section Line 37 44 15

SEC 15 / SEC 15

S. 74° 16' E.

74° 00'

P.O.T. 379+00

SERVICE LINE

MAIL BOX

GARAGE

GRAIN TANK

BARN

METAL WATER TANK

HO

MAIL BOX

39' GATE

25' GATE

26' GATE

MAIL BOX

10 CATTLE GUARD

152'

152'

135'

50'

50'

50'

50'

50'

50'

DRY CREEK

365 370 375 380 385 390 395

STA. 370+13 TO STA. 371+72
BRIDGE IN PLACE
STR. NO. G-18-F

NO WORK SECTION

BIG

NO. 32 A-6(4)
SIMILAR TO NO. 31A
NO. 31A = A-6(4)
L.L. = 39.5
P.I. = 14.2
%-200 = 46.6
C.B.R. = 9.2

NO. 33 A-6(4)
SIMILAR TO NO. 31A
C.B.R. = 9.2 (REF. TEST NO. 31A)

NO. 34 = A-2-7(1)
SIMILAR TO NO. 11A
NO. 11A = A-2-7(1)
L.L. = 43.0
P.I. = 17.2
%-200 = 25.5
NO. 34A = A-1-b(0)
SIMILAR TO NO. 3
NO. 3 = A-1-b(0)
L.L. = 18.2
P.I. = N.P.
%-200 = 7.8

NO. 34B = A-2-4(0)
SIMILAR TO NO. 31
NO. 31 = A-2-4(0)
L.L. = 25.3
P.I. = N.P.
%-200 = 32.8
C.B.R. = 23.3 (REF. TEST NO. 12A)

NO. 35 = A-2-4(0)
SIMILAR TO NO. 12A
NO. 12A = A-2-4(0)
L.L. = 24.6
P.I. = N.P.
%-200 = 19.2
C.B.R. = 23.3 (REF. TEST NO. 12A)

NO. 36 = A-2-4(0)
SIMILAR TO NO. 31
C.B.R. = 23.3 (REF. TEST NO. 12A)

NO. 32

NO. 33

NO. 34
NO. 34A
NO. 34B

NO. 35

NO. 36

6550 6600
6540 6590
6530 6580
6520 6570
6510 6560
6500 6550
6490 6540
6480 6530

6600
6590
6580
6570
6560
6550
6540
6530

365 370 375 380 385 390 395

PLATE 1: PLAN - PROFILE

DIV.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S0028(2)	9	11

RIGHT OF WAY

N.W. 1/4, SEC. 14, T. 8 S., R. 64 W.

N.E. 1/4, SEC. 14, T. 8 S., R. 64 W.

N

CULTIVATED

P.O.T. 400+00

1/4 Section Line

P.O.T. 404+00

P.O.T. 413+00

Present R.O.W. Fence

Mountain States T. & T. Co.

395 405 410 415 420 425

50' 50'

S. 74° 16' E.

50' 100' 100'

Present R.O.W. Fence

U.S. C.&G. B.M.

PASTURE

GRAIN TANK

GARAGE

BARN

WINDMILL

WATER TANK

S.E. 1/4, SEC. 14, T. 8 S., R. 64 W.

NO. 37 = A-2-7 (1)
SIMILAR TO NO. 11A
NO. 11A = A-2-7 (1)
L.L. = 43.0
P.I. = 17.2
%-200 = 25.5
C.B.R. = 5.6 (REF. TEST NO. 1A)

NO. 38 = A-2-4 (0)
L.L. = 25.7
P.I. = N.P.
%-200 = 21.8
C.B.R. = 23.3 (REF. TEST NO. 12A)

NO. 39 = A-2-3 (0)
SIMILAR TO NO. 31
NO. 31 = A-2-4 (0)
L.L. = 25.3
P.I. = N.P.
%-200 = 32.8
NO. 39A = A-

NO. 39A = A-6 (9)
SIMILAR TO NO. 31A
NO. 31A = A-6 (8)
L.L. = 38.5
P.I. = 14.2
%-200 = 46.6
C.B.R. = 9.2 (REF. TEST NO. 31A)

NO. 40 = A-2-4 (0)
SIMILAR TO NO. 38
C.B.R. = 23.3 (REF. TEST NO. 12A)

NO. 41 = A-2-4 (0)
SIMILAR TO NO. 38
C.B.R. = 23.3 (REF. TO NO. 12A)

NO. 37

NO. 38

NO. 39
NO. 39A

NO. 40

NO. 41

640 630 620 610 600 590 580

6640 6630 6620 6610 6600 6590 6580

395 400 405 410 415 420 425

PLATE 1. PLAN PROFILE

CHARLES BRUNER CO. INC. DEN. STR. MATERIAL

FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S0028(2)	10	11

RIGHT OF WAY

N.W. 1/4, SEC. 13, T. 8S., R. 64W.

N

EQUATION IN BEARING
Sta. 427+92.4 BK. =
Sta. 427+86.9 AH. On "X" Line
S. 74° 16' E. BK. =
S. 74° 19' E. AH.

CULTIVATED

Section Line

Δ = 15° 23' Lt.
D = 5° 00'
T = 154.8'
L = 307.7'
R = 1146.0'

P.C. 434+08.9

P.T. 437+16.6

Mountain States T. & T. Co.

P.I. 452+84.8

1/4 Section Line

Δ = 11° 11' Rt
D = 3° 00'
T = 187.0'
L = 372.8'
R = 1910.0'

P.C. 450+97.8

P.T. 454+70.6

427+92.4 BK. =
427+86.9 AH.
(℄ LINE AH.)

EQUATION

S. 74° 16' E.

S. 74° 19' E.

S. 0° 31' E.

S 89° 42' E

N. 89° 42' W. 1237.8'

1237.8'

Intermountain Power & Light Co.

N. 0° 18' E. 35.0'

P.I. 435+63.7

Arc 372.8'

N. 83° 19' W. 364.9'

N. 78° 51' W. 812.6'

N. 11° 29' E. 158.41'

CULTIVATED

⑬ PAUL DICKMAN
1901 EMERSON ST
DENVER, COLO

S.W. 1/4, SEC. 13, T. 8S., R. 64W.

NO. 42 = A-2-4 (0)
SIMILAR TO NO. 38
NO. 38 = A-2-4 (0)
L.L. = 25.7
P.I. = N.P.
%-200 = 21.8
C.B.R. = 23.3
(REF. TEST NO. 12A)

NO. 43 = A-2-4 (0)
SIMILAR TO NO. 31
NO. 31 = A-2-4 (0)
L.L. = 25.3
P.I. = N.P.
%-200 = 32.8

NO. 43A = A-7-6 (9)
SIMILAR TO NO. 13
NO. 13 = A-7-6 (9)
L.L. = 40.7
P.I. = 20.2
%-200 = 59.6
C.B.R. = 3.3 (REF. TEST NO. 13)

NO. 44 = A-2-4 (0)
SIMILAR TO NO. 31
NO. 44A = A-2-4 (0)
SIMILAR TO NO. 38
C.B.R. = 23.3 (REF. TEST NO. 12A)

NO. 45 = A-2-4 (0)
SIMILAR TO NO. 38
NO. 45A = A-2-7 (1)
SIMILAR TO NO. 11A
NO. 11A = A-2-7 (1)
L.L. = 43.0
P.I. = 17.2
%-200 = 25.5
NO. 45B = A-1-b (0)
SIMILAR TO NO. 3
NO. 3 = A-1-b (0)
L.L. = 18.2
P.I. = N.P.
%-200 = 7.8
NO. 45C = A-7-6 (6)
L.L. = 54.3
P.I. = 23.2
%-200 = 77.6
C.B.R. = 2.6
(REF. TEST NO. 46)

NO. 46 = A-7-6 (19)
L.L. = 58.7
P.I. = 33.3
%-200 = 73.4
C.B.R. = 2.6

NO. 42
NO. 43
NO. 43A
NO. 44
NO. 44A
NO. 45
NO. 45A
NO. 45B
NO. 45C
NO. 46

427+92.4 BK.
427+86.9 AH.

6620 6610 6600 6590 6580 6570 6560 6550 6540

425 430 435 440 445 450 455

PLATE 1 PLAN PROFILE

N.E. 1/4, SEC. 13, T.8S., R.64W.

FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S0028(2)	11	11

RIGHT OF WAY

N

1/4 Section Line

N. 11° 29' E.

S. 78° 10' E. 321.0'

S. 78° 31' E.

S. 78° 31' E. 334.1'

Mountain States T. & T. Co.

P.I. 464+00

P.O.T. 466+00

S. 89° 36' E. 86.5'

E.Q. 467+908K= survey 467+974H (36°96'502)

S 81° 49' W. FROM 1/4 CORNER 1621.2'

N. 76° W.

S. 76° 12' E.

Intermountain Power & Light Co.

N 62° 20' W. 86.5'

S. 13° 48' W.

Point of Beginning Parcel # 13

N. 78° 31' W. 813.5'

Arc 230.1'

Δ = 2° 19' Rt.
D = 1° 00'
T = 115.9'
L = 231.7'
R = 5730'

P.T. 465+15.8

P.T. 462+84.1

P.T. 454+70.6

N. 4.9' W.

(13) PAUL DICKMAN
1901 EMERSON ST.
DENVER, COLO.

HOUSE
HOUSE
HOUSE
ORCHARD
GATE
GATE
12' GATE
GATE
SILO
BARN
SHED
SILO
BARN
BARN
SHED
HOUSE

455 460 465 470 475 480 485

N C° 05' W 625.9' TO 1/4 CORNER

STA. 482+69.2 1075.0' TO SEC. CORNER

STA. 466+00 - END S0028(2) = Beg. S0028(1)

S.E. 1/4, SEC. 13, T. 8 S., R. 64 W.

NO. 47+A-2-4(0)
SIMILAR TO NO. 38
NO. 38+A-2-4(0)
L.L. = 25.7
P.I. = N P
%-200 = 21.8
C.B.R. = 23.3
(REF. TEST NO. 12A)

NO. 48+A-7-6(9)
SIMILAR TO NO. 46
NO. 46+A-7-6(9)
L.L. = 55.7
P.I. = 33.3
%-200 = 73.4
NO. 48A = A-2-4(0)
SIMILAR TO NO. 38
C.B.R. = 23.3
(REF. TEST NO. 12A)

NO. 49+A-6(4)
SIMILAR TO NO. 11
NO. 11+A-6(4)
L.L. = 39.1
P.I. = 18.2
%-200 = 43.3
NO. 49A = A-2-7(1)
SIMILAR TO NO. 11A
NO. 11A+A-2-7(1)
L.L. = 45.0
P.I. = 17.2
%-200 = 25.5
C.B.R. = 6.8 (REF. TEST NO. 11A)

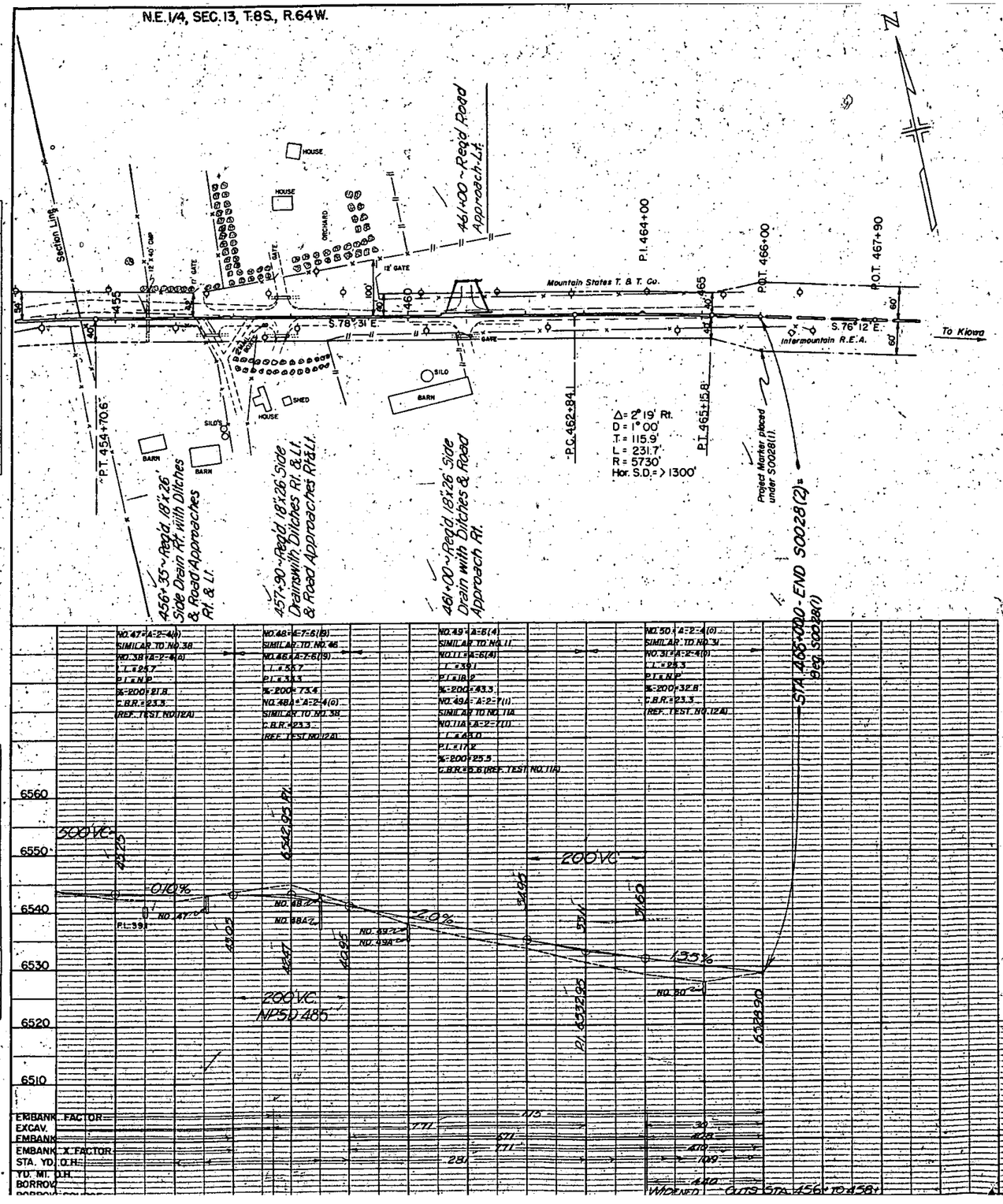
NO. 50+A-2-4(0)
SIMILAR TO NO. 31
NO. 31+A-2-4(0)
L.L. = 25.3
P.I. = N P
%-200 = 32.8
C.B.R. = 23.3
(REF. TEST NO. 12A)

6560 6550 6540 6530 6520 6510

PLATE 1 - PLAN - PROFILE

FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S0028(2)	24	0

Rev. Added Rd. Appr. Lt. & Summary, 1-16-50, L.E.O.



R.O.W. MARKERS

STATION	SIDE	NO.
280+00	Lt. & Rt.	2
310+00	Lt. & Rt.	2
335+00	Lt. & Rt.	2
440+00	Lt. & Rt.	2
TOTAL		8

MARKER POSTS

STATION	SIDE	SPACING	NO.
251+50 - 255+50	Rt. & Lt.	50'	18
282+00	Rt. & Lt.	Culvert	2
311+00	Rt. & Lt.	Culvert	2
322+48	Rt. & Lt.	50'	4
326+46	Rt. & Lt.	Culvert	2
370+13 - 371+72	Rt. & Lt.	Bridge	20
433+45	Rt.	Culvert	1
443+00	Rt. & Lt.	Culvert	2
455+50	Rt. & Lt.	Culvert	2
TOTAL			53

SUMMARY OF EARTHWORK QUANTITIES

EXCAVATION	
From Cross Sections	40,113
Borrow (Net)	2522
List of Structures as Excavation	1,474
List of Structures as Embankment	1841
Estimated for Cutslope Treatment	1,038
Estimated for Subsidence	4264
Estimated for Covering Ends of Culverts	119
TOTAL	50,771
EMBANKMENT ± FACTOR	42635
TOTAL	42635

UNCLASSIFIED DITCH EXCAVATION INTERCEPTING DITCHES

STATION	SIDE	CU. YDS.
326+46	Lt.	20
359+30	Lt.	15
366+ to 368+	Rt.	40
381+ to 384+	Rt.	60
389+	Rt.	20
396+ to 397+	Lt.	40
Sub Total, Cu. Yds. Uncl. Ditch Exc.		195
From List of Structures Cu. Yds. Uncl. Ditch Exc.		211
TOTAL		406

STATION YARD OVERHAUL	
From Mass Diagram	192987
Estimated for Subsidence	19299
Structure Backfill	8745
TOTAL	221,031
YARD MILE OVERHAUL	
From Mass Diagram	1029
Estimated for Subsidence	103
Structure Backfill	1308
TOTAL	2640

SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / GRADES CHECKED / B. M.'S NOTED / STRUCTURE NOTATIONS CHKD.
PROFILE NOTE BOOK NO. 1672