COLORADO
Department of
Transportation

DOCUMENT SEPARATOR SHEET

REGION 5 – JUNE 2017 CONVERSION

To be placed at the beginning of each separator sheet.

r500001030

Description:
ROW Plans 24X36

Route # and Mile Points:
SH 145

Originating Office:

ROW/Survey

File Name:
S 0153(1)_ROW(.PDF)

Box Location:
20 (TUBE-17)of 38

For assistance, or to request changes to this form,
please email helpdesk@msimaging.com.

MOUNTAIN STATES
IMAGING

S-01536

FED. ROAD DIST. NO.	STATE	COMB. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S0153(1) & S0156(2)	1	

RIGHT OF WAY

COLORADO
STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED

COMB. FED. AID SECONDARY PROJ. NO. S0153(1) & S 0156(2)
STATE HIGHWAY NO. 145 & 147
MONTEZUMA COUNTY

INDEX OF SHEETS

SHEET NO. 1 TITLE SHEET.
2 TABULATION OF PROPERTIES.
3-12 PLAN AND PROFILE SHEETS SHOWING RIGHT OF WAY.
13-14 OWNERSHIP MAP

SCALES

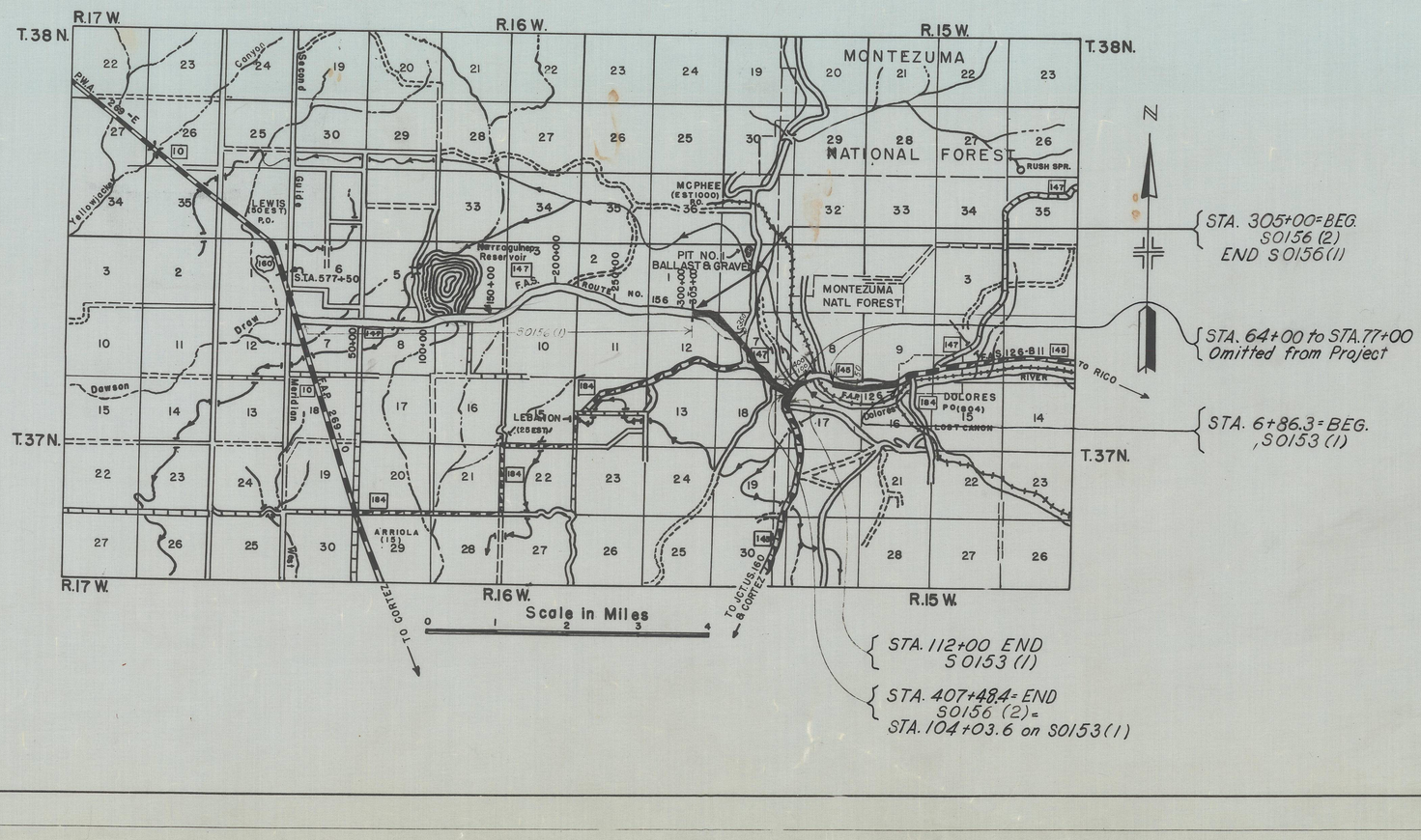
ON PLAN, 1 IN. - 100 FT.
ON PROFILE 1 IN. - 100 FT. HORIZONTAL
1 IN. - 10 FT. VERTICAL

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

RIGHT OF WAY

CONVENTIONAL SIGNS

CENTER LINE OF SURVEY
RIGHT OF WAY LINES
COUNTY LINE
TOWNSHIP LINES
SECTION LINES
ONE QUARTER SECTION LINES
BARBED WIRE FENCE
COMBINATION WIRE FENCE
CHICKEN WIRE FENCE
TELEPHONE LINE
POWER LINE



MICROFILMED

R.O.W. TABULATION OF PROPERTIES IN MONTEZUMA COUNTY

S.H. No. 145 & 147 COMB. PROJ. S 0153 (1) & S 0156 (2)

FED. ROAD DIST. NO.	STATE	COMB. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S0153 (1) & S0156 (2)	2	

RIGHT OF WAY

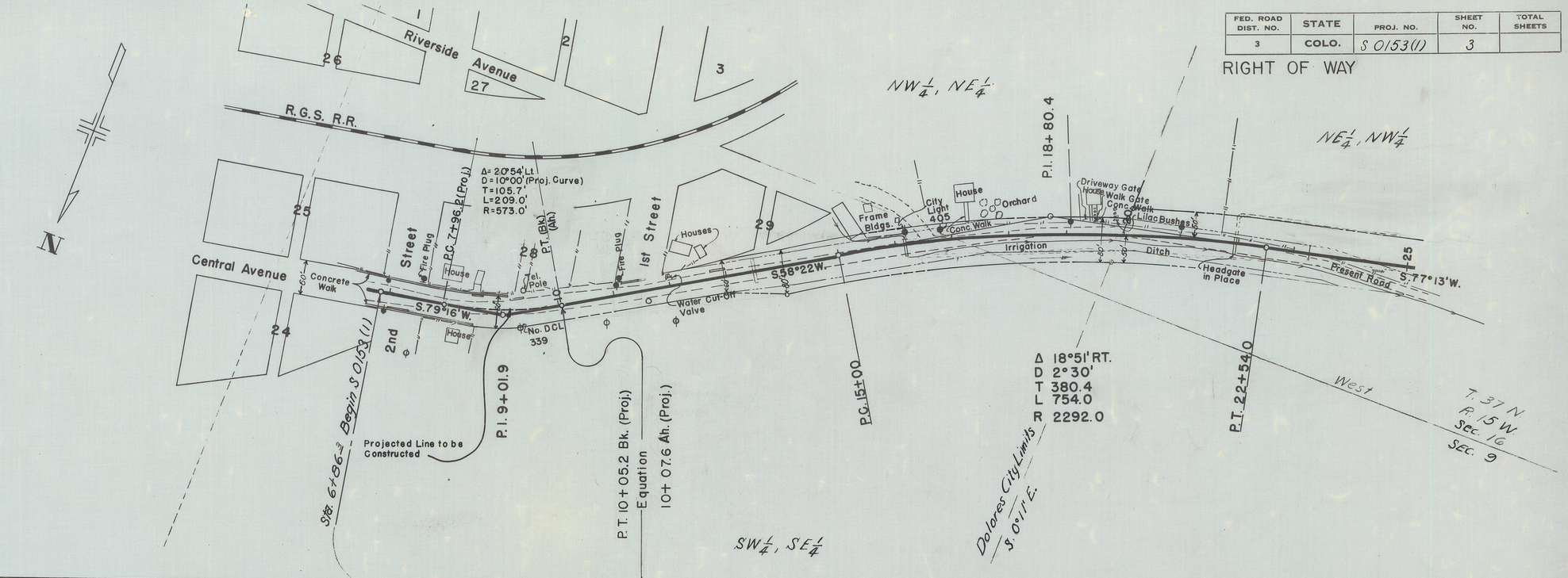
JUN 15 1949 ENG. DIV. S.H.D. RECEIVED

MICROFILMED

PARCEL NO.	OWNER	ADDRESS	LOCATION	AREA IN ACRES			ASSESSED VALUATIONS				REMARKS	NO.
				TOTAL LAND	PARCEL	TO BE ACQUIRED	TOTAL LAND	PER ACRE	PARCEL	IMP'S.		
PROJECT S 0153 (1) (Outside Dolores)			T. 37 N., R. 15 W., N.M.P.M.									
1	Navie Johnson Nee Ritter	Dolores, Colorado	NW 1/4 NE 1/4 Sec. 16	0.75	0.0194	0.0194					Acquired,	1
2	James Hammond	Dolores, Colorado	NW 1/4 NE 1/4 Sec. 16	5.00	0.2505	0.2505					Acquired, Book No. 137, Page 65, December 18, 1948	2
3	Thomas J. & Elizabeth Porter	Dolores, Colorado	NW 1/4 Sec. 16	71.00	6.5518	6.0284					Acquired, Book No. 137, Page 69, December 18, 1948	3
4	R.V. & Yvonne Rogers	Route No. 1, Dolores, Colorado	NE 1/4 Sec. 17	145.00	3.8653	2.4226					Acquired, Book No. 137, Page 77, December 18, 1948	4
											Revision Acquired, Book No. 137, Page 123, March 28, 1949	4
5	Blue Robinson	Route No. 1, Dolores, Colorado	SW 1/4 Sec. 8	228.00	3.073	2.383					Acquired, Book No. 137, Page 75, December 18, 1948	5
5A	Blue Robinson	" " " " "	NW 1/4 Sec. 17		3.191	1.936						
6	C. Tories	Star Route No. 1, Dolores, Colorado	NE 1/4 Sec. 18	170.00	0.268	0.035					Acquired, Book No. 137, Page 83, December 18, 1948	6
7	Montezuma Valley Irrigation Company	Cortez, Colorado	NE 1/4 Sec. 17	12.80	2.3579	2.0690					Acquired, Book No. 137, Page 111, March 10, 1949 (In "No Work Section")	7
8	Blue Robinson		SE 1/4 Sec. 8	1.00	0.1710	0.1710					Acquired, Book No. 140, Page 289, March 28, 1949 (In "No Work Section")	8
PROJECT S 0156 (2)												
1	Blue Robinson	Route No. 1, Dolores, Colorado	NW 1/4 Sec. 17	228.00	0.878	0.512					Acquired, Book No. 137, Page 73, December 18, 1948	1
2	C. Tories	Star Route No. 1, Dolores, Colorado	SE 1/4 Sec. 7 & NE 1/4 Sec. 18	170.00	2.001	0.187					Acquired, Book No. 137, Page 85, December 18, 1948	2
3	John W. Ritter	Mancos, Colorado	S 1/2 Sec. 7 & NE 1/4 Sec. 18	297.00	9.790	7.900					Acquired, Book No. 137, Page 71, December 18, 1948	3
4	John R. James	Dolores, Colorado	NW 1/4 Sec. 7	131.00	1.1390	0.8739					Acquired, Book No. 137, Page 67, December 18, 1948	4
5	John R. James	Dolores, Colorado	SE 1/4 NW 1/4 Sec. 7	191.00	0.0321	0.0029					Acquired, Book No. 137, Page 79, December 18, 1948	5
6	Hicks Odom	Star Route No. 2, Dolores, Colorado	NW 1/4 Sec. 7	65.00	0.0978	0.0519					Acquired, Book No. 137, Page 61, December 18, 1948	6
7	Herbert & Rita Grey	Star Route No. 2, Dolores, Colorado	NW 1/4 Sec. 7	65.00	4.5205	4.5064					Acquired, Book No. 137, Page 61, December 18, 1948	7
			T. 37 N., R. 16 W., N.M.P.M.									
8	W.E. & A.E. Hamilton	Star Route No. 2, Dolores, Colorado	NE 1/4 Sec. 12	135.00	4.0586	3.2735					Acquired, Book No. 137, Page 63, December 18, 1948	8
9	Public Domain, United States Government		NE 1/4 Sec. 12		0.8458	0.6465						9
10	A. A. Simmons	Cortez, Colorado	SE 1/4 Sec. 1	80.00	0.0680	0.0680					Acquired, Book No. 137, Page 81, December 18, 1948	10

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0153(1)	3	

RIGHT OF WAY



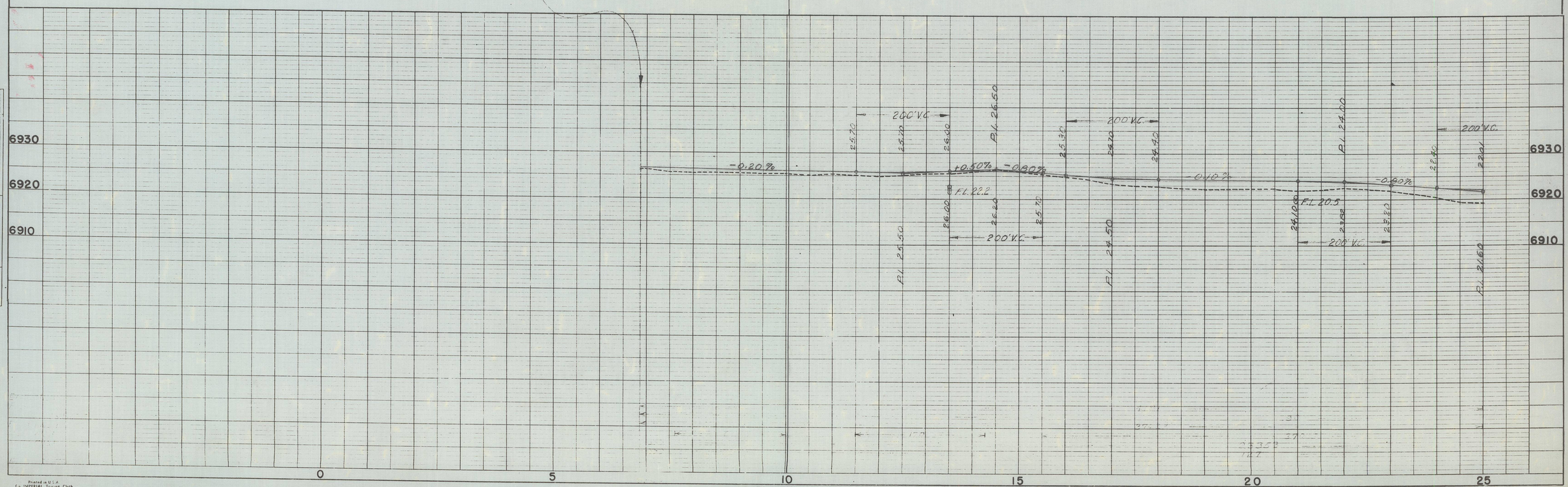


PLATE 1-PLAN-PROFILE B. P. R. STANDARD

EUGENE DIETZGEN CO. Chicago-New York

Printed in U.S.A. On IMPERIAL Tracing Cloth

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED; NOTE BOOK; NO.; BY; DATE

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, BRIDGES FIXED, STRUCTURE NOTATIONS CH'KD; NOTE BOOK; NO.; BY; DATE

MICROFILMED

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0153(1)	4	

RIGHT OF WAY

NW¼, NE¼

(1) Navie Johnson Nee Ritter, Dolores, Colo.

(2) James Hammond Dolores, Colo.

(3) Thomas J. & Elizebeth Porter Dolores, Colorado

NW¼, NW¼

SW¼, SE¼

DOLORES

Pl. 18+80.4

Driveway gate
Walk gate
Concrete walk
Large bushes
House
Orchard
Frame Bldgs.
City light 4.05
Conc. walk
Irrigation
Headgate in Place
Ditch
Present Road
Barn Yard Lt. & Rt. Sta. 29+84-30+50
12' Board gate
Gate
Shed
Barn
To Houses
Irrigation Ditch
Present Road
Cemetery

N.63°35'E. 163.1'
S.67°27'W. 259.0'
S.67°00'W. 170.8'
S.72°52'W. 137.4'
S.77°13'W. 575.7'
S.77°11'W. 120.0'
S.18°18'E.
S.20°25'E.
S.50°22'W.
S.0°11'E.
N.86°22'W. 2602.5' To Sec. Cor. #283
N.84°35'W. 2452.2' To Sec. Cor.
795.0'
1040.3'
S.85°10'W.
N.3°33'W. 595.7 feet (Tape)
S.0°18'W.

BC 15+00

Δ 18°51'RT.
D 2°30'
T 380.4
L 754.0
R 2292.0

P.T. 22+54.0

P.C. 28+29.7

Δ 7°57'RT.
D 1°00'
T 398.1
L 795.0
R 5730

P.T. 36+24.7

Pl. 32+27.8

Sta. 43+50

Dolores City Limits

CLEARING & GRUBBING
HEAVY OAK BRUSH RIGHT
OF DITCH STA. 16+15-23+50

CLEARING & GRUBBING
LIGHT WILLOWS ALONG
DITCH STA. 30+00-31+00

CLEARING & GRUBBING
LIGHT WILLOWS ALONG
DITCH STA. 38+00-46+00

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

PROFILE
SURVEYED
PLOTTED
NOTE BOOK
NO.
GRADES CHECKED
B.M. - NOTED
STRUCTURE & DATA TKS. CH. NO.

MICROFILMED

6930
6920
6910
6900

Pl. 24.50
24.20
25.30
24.70
24.42
24.10
23.20
24.60
28.01
24.65
24.71
18.97
18.22
18.32
17.35
17.45
19.22
18.42
200' V.C.
-0.10%
-0.80%
+0.85%
-2.00%
+0.20%
N.P.
D 2.3
D 3.5
D 5.0
#1

NO. 1 = A-4 (4) CBR = 7.0
0.0 - 3.0'
L.L. = 21.0
P.I. = 5.2
-200 = 53.2

Excavation
Fg.
Embankment
Subgrade
Mass Haul
Borrow
Forced Slope

15 20 25 30 35 40 45

PLATE I-PLAN-PROFILE B.P.R. STANDARD
EUGENE DIETZGEN CO. Chicago New York

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FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0153(1)	5	

(7) RIGHT OF WAY
Montezuma Valley Irrigation Company
Cortez, Colorado

NE¼, NE¼

House

Shed

Shed

Gate

Irrigation Ditch

Irrigation Ditch

Road

Present

962.3'

S.85°10'W.

921.7'

S.58°16'W.

P.I. 60+98.47

12.1'

60.4'

63.1'

S.58°00'W.

53.4'

S.77°00'E.
65.0'

S.53°00'E.
325.0'

NW¼, NE¼

NO WORK SECTION STA. 64+00 TO STA. 77+00

#296

N.60°32'W. 1113.9'

N.60°32'W.
668.3'

S.21°30'E.

S.60°32'E.

Road to Gravel pit

N.66°40'W. 892.6'

DOLORES RIVER

S.0°17'W.

NE¼, NW¼
Blue Robinson
Route No.1
Dolores, Colorado
(5)

(41.3' 73+88.6

Cattle guard

#293

101.6'

186.2'

57.6'

Road

Bridge

Blue Robinson
Dolores, Colo.

SE¼, SW¼

P.C.S. 56+27.3

P.C.S. 59+77.3

P.C.S. 61+99.0

P.C.L. 65+49.0

Δ 10°30'RT.
L.S. 350.0
233.75
V 117.04

Δ 13°18'RT.
D 6°00'
T 114.4
L 221.67
R 955.0

Δ 10°30'RT.
L.S. 350.0
233.75
117.04

4

R.V. and Yvonne Rogers
Route No.1
Dolores, Colorado

West

NW¼, NW¼

S.0°18'W.
533.9'

T. 37 N.
R. 15 W.

16 17
9 8

N

SW¼, SE¼

CLEARING & GRUBBING
STA. 53+00-63+50
10% WILLOWS

CLEARING & GRUBBING
STA. 63+50-70+60
70% WILLOWS-5% COTTONWOOD

CLEARING & GRUBBING
STA. 72+00-74+00
20% WILLOWS-8 LARGE COTTONWOODS

W.S. ELEV. 6901
DC 12.0
V 21.5
PI 4.3
200 15.8

Reclamation Project Features
Dolores Project-Montezuma Canyon
Paper Water & Elev. Stat.

6920
6910
6900
6890
6880

-1.45%
+1.10%
-0.60%

0+00
4.00 VC
0+30
0+94
PI 1+09.92
2.00 VC
NFSD 528'
1+37
2+00
2+64
2+87
3+37
PI 6

Excavation
Factor
Excavation x Factor
Embankment
Sta Yd. Mmt
Yard Mile Cmt
Borrow
Borrow Sta Yds

45 50 55 60 65 70 75

PLATE 1-PLAN-PROFILE B.P.R. STANDARD
EUGENE DIETZGEN CO., Chicago-New York

Printed in U.S.A.
On IMPERIAL Tracing Cloth

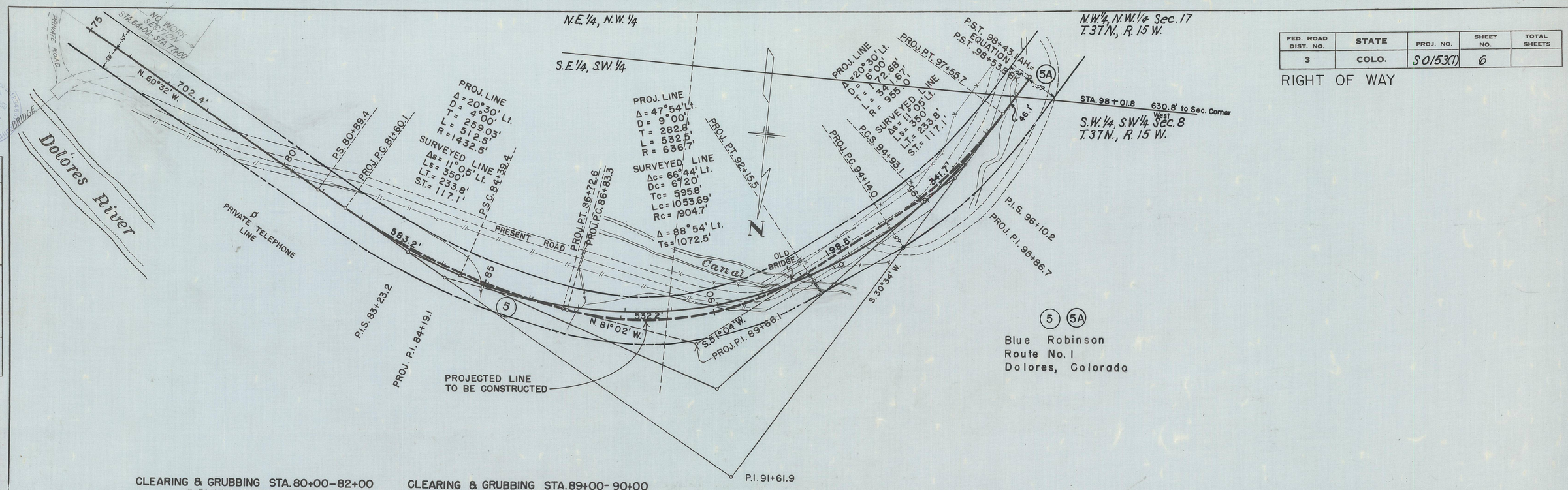
PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, NOTE BOOK, NO., B.M.'s NOTED, STRUCTURE NOTATIONS CK'ED, BY, DATE

MICROFILMED
John Lind ENG. DIV. U.S.B.R.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 015301	6	

RIGHT OF WAY



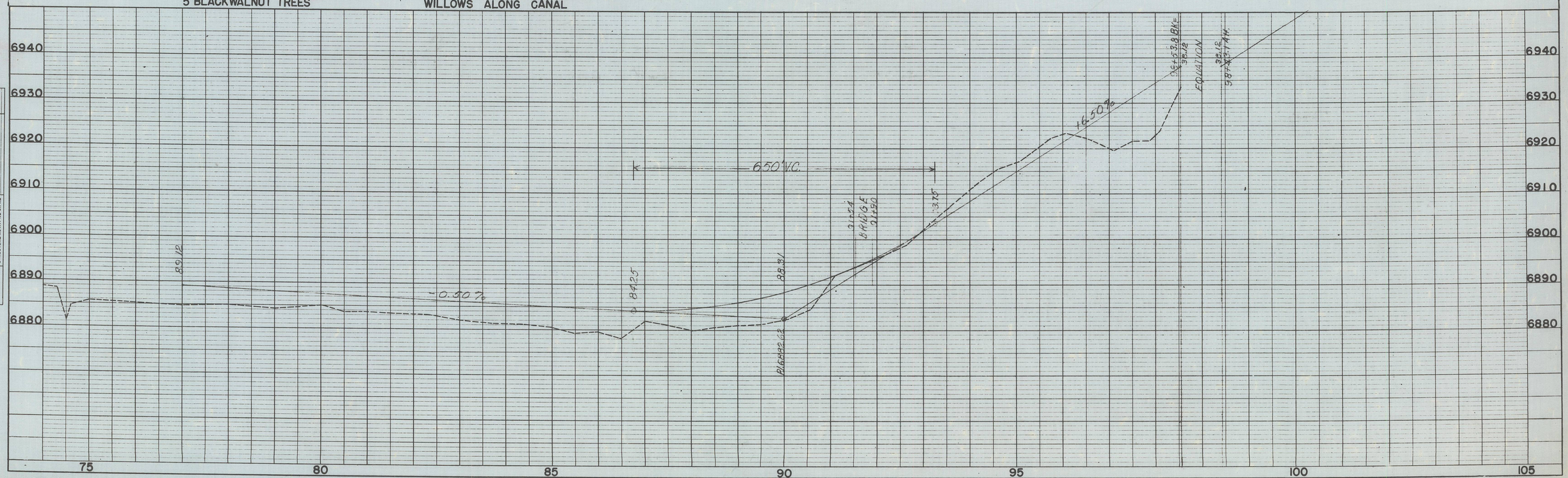


PLATE I-PLAN-PROFILE B. P. R. STANDARD
EUGENE DIETZGEN CO., Chicago-New York

Printed in U.S.A. On IMPERIAL Tracing Cloth

MICROFILMED
ENG. DIV. A.W.D.
PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, R/W PLAT CHECKED; NOTE BOOK; NO.; BY; DATE
PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, BM & NOTES, STRUCTURE NO'S AT N'S CH'KD; NOTE BOOK; NO.; BY; DATE

FED. ROAD DIST. NO.	STATE	COMB. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0153(1) & S 0156(2)	7	

RIGHT OF WAY

N.W. 1/4, N.W. 1/4 Sec. 17
T. 37 N., R. 15 W.

Blue Robinson
Route No. 1
Dolores, Colorado

5A — S0 153(1)

1 — S0 156 (2)

WEST

PROJ. LINE
Δ = 20°30' Lt.
D = 6°00'
T = 172.68'
L = 341.67'
R = 955.0'

SURVEYED LINE
Δs = 11°05' Lt.
Ls = 350'
L.T. = 233.8'
S.T. = 117.1'

PROJ. P.T. 92+15.5

PROJ. P.C. 94+14.0

P.C.S. 94+93.1

P.T. 97+55.7

STA. 97+72.3 BK. = 98+52.8 AH. EQUATION

P.S.T. 98+52.8

P.S.T.

PROJ.

CONSTRUCTED LINE
θs 10°00'
Ls 300.0'
L.T. 339.9'
S.T. 167.2

T.S. 105+15.8

CONST.

P.C. 105+15.0

SURVEYED LINE
Δ = 20°48' Lt.
D = 3°00'
T = 350.6'
L = 693.6'
R = 1910.0'

PROJ. P.C. 105+35.96

Chord N. 27°16' E. 490.7'

N. 30°34' E. 796.2'

30033'

STA. 401+01.4 TO CORTEZ

S. 30°34' W. TO DOLORES

S. 27° 43' E. 300.3'

S. 83°34' W. 127.5'

N. 27° 43' W. 207.2'

S. 30°34' W. 470.5'

STA. 407+48.4 = END S 0156(2) = OPPOSITE STA. 104+03.6 on S 0153(1)

5A

1

PROJECTED LINE TO BE CONSTRUCTED

PROJ. LINE
Δ = 15°16' LT.
D = 4°00'
T = 191.98'
L = 381.67'
R = 1432.50'

PROJ. P.T. 112+08.3

P.T. 112+08.3

112+51.66 AH. EQUATION

STA. 112+00

L.C. N. 17°43' E. 382'

L. 137.2

CONSTRUCTED LINE
Δ 23°01' Lt.
D 4°00'
Lr 287.5
S.T. 145.4
L.T. 283.5
R 1432.5
Ts 817.1

S. 75°07' E. 89.5'

N. 0°20' W. 242.64'

L.C. S. 17°43' W. 147.1'

L. 147.2'

STA. 112+00 = END S0153(1) AS CONSTRUCTED

6

C. Tories
Star Route No. 1
Dolores, Colorado

PROJ. P.I. 111+47.37

Chord S. 26°54' W. 89.2'

Rt. STA. on Spiral. Begin Parcel No. 6 N. 0°20' W. 1007.1' to Sec. Corner

P.I. 108+69.6

CONST. P.I. 108+69.17

S. 26°54' W. 376.8'

S. 0°20' E. 1120.1' to Sec. Corner

S. 0°20' E. 74.7'

STA. 110+74.7

S. 0°20' E. 161.2'

STA. 404+39.3

N. 67°43' W. 207.2'

STA. 403+97.3 Begin Parcel No. 1 N. 0°20' W. 341.9' to Sec. Corner

STA. 404+18.9 396.2 to Sec. Corner

S. 0°20' W. 108.8'

TO LEWIS

CONST. P.I. 113+27.69

NE 1/4, NE 1/4 Sec. 18
T. 37 N., R. 15 W.

OLD BRIDGE

192.5'

341.7'

146.1'

PRIVATE ROAD

STA. 98+40.2 Begin Parcel 5A W. 555.3' to Sec. Corner

630.8' to Sec. Corner

STA. 98+70.8

PROJ. P.I. 95+86.7

P.I.S. 96+10.2

CLEARING & GRUBBING STA. 91+00 – 100+00
35% OAKBRUSH & PINION.

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
NOTE BOOK
NO.
STRUCTURE NOTATNS CH'KD
BY
DATE

6950
6940
6930
6920
6910
6900
6890
6880

6990
6980
6970
6960
6950
6940
6930

90
95
100
105
110
115

P.I. 6882.62

89.3'

91+54 BRIDGE 91+90

0.37°

9+53.8 P.T.

EQUATION

98+37 AH.

38.12

P.I. 6955.05

+0.50%

+6.50%

+1.40%

+2.60%

200' V.C. N.P.S.D.

48.32

6922

6922

176.32

40.77

95.82

ELEVATIONS

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PLATE I-PLAN-PROFILE B. P. R. STANDARD
EUGENE DIETZGEN CO., Chicago-New York

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On IMPERIAL Tracing Cloth

JUN 1950
ENG. DIV.
S.R.P.

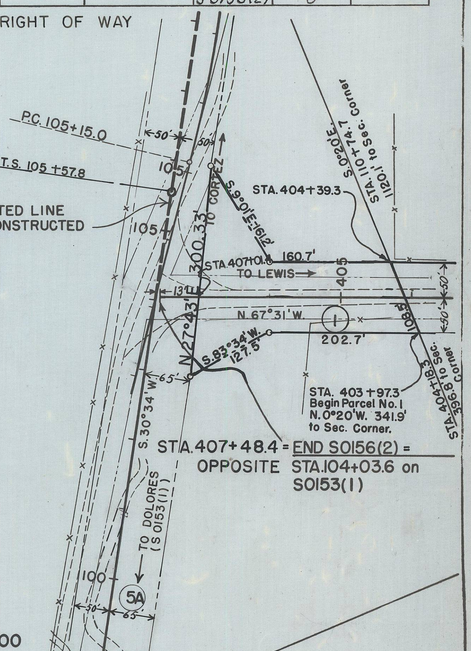
FED. ROAD DIST. NO.	STATE	COMB. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S0153(1) S0156(2)	8	

N.W.¼ N.W¼ Sec. 17, T.37N., R.15W.

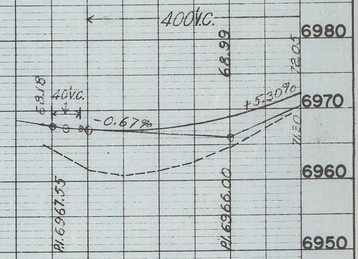
Blue Robinson
Route No. 1
Dolores, Colorado

5A S0153(1) 1 S0156(2)

RIGHT OF WAY



CLEARING & GRUBBING STA. 101+00–405+00
20% SAGE BRUSH



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

PLAN		BY	DATE
	SURVEYED		
	PLOTTED		
	ALIGNMENT CHECKED		
NOTE BOOK	AT-OF-AT CHECKED		
NO			

MICROFILMED

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0156(2)	9	

RIGHT OF WAY

NE¼, NE¼

(2) C. Tories
Star Route No. 1
Dolores, Colorado

NW¼, NW¼

(1) Blue Robinson
Route No. 1
Dolores, Colorado

SE¼, SE¼

(3) John W. Ritter
Mancos, Colorado

SW¼, SE¼

S. 0°20' E.
STA. 404+393
1924.4'
1183'
1614.4'
STA. 403+973
S. 89° 51' W.
N. 58°25' E. 451 feet
T. 37 N.
R. 15 W.
N. 73°59' W. 520.39'
418.0'
N. 67° 31' W.
PRESENT
178.5'
N. 0°16' E. 387.62'
R.P.S.T. 387+81.29 Bk.=
387+82.91 Ah.
EQUATION
Δ 8°00'LT.
LS 400.0
U 266.93
V 133.59
P.T. 385+82.1
R.P.I.S. 385+14.88
385
S57°41'E 352.25'
183.0'
R9.4D
731.9'
816.4'
P.I. 382+86.2
R.P.I. 382.81.09
Property Line
S51°29'E
133.59'
N57°61'W.
6-18
380
R.P.I.S. 380+47.42
N55°29'W
179.88'
Revised Curve To
Be Constructed
N64°50'W
399.66'
N46°09'W
N. 43°29'W.
399.66'
N 43°29'W 1740.1'
E. 2,424.3
N. 0°16' E.
R.P.C.S. 383+81.29
Δ 24°02'LT.
D 4°00'
T 304.9
L 600.9
Rev. Curve
Δ 8°02' LT.
D 4°00'
T 100.6
L 200.80
R.P.C.S. 381+80.49
P.C. 379+81.3
Δ 8°00'LT.
LS 400.0
U 266.93
V 133.59
R.P.S. 377+80.49
1539.29'
375

CLEARING & GRUBBING
STA. 376+50-380+50
25% BRUSH- 5% PINION TREES

PLAN	DATE
SURVEYED	BY
PLOTTED	
ALIGNMENT CHECKED	
NOTE BOOK	
NO.	

PROFILE	
SURVEYED	
PLOTTED	
GRADES CHECKED	
NOTE BOOK	STRUCTURE NOTATIONS CK'KD
NO.	

7020 7010 7000 6990 6980 6970 6960

7020 7010 7000 7050 7040 7030 7020

7080 7070 7060 7050 7040 7030 7020

+5.30%
+0.60%
400 V.C.
600 V.C.
N.P.S.D. 4.32
N.P.S.D. 4.98
NO.4=A-4(8) CBR=6.3
00'-4.0'
LL = 26.2
PI = 9.1
-200=56.4
Fl. 7.16
Fl. 7.49
Fl. 7.92
Fl. 7.73
Fl. 7.16
Fl. 7.47
Fl. 7.83
Fl. 7.22
Fl. 6.59
Fl. 6.60
Fl. 6.89
Fl. 7.11
Fl. 7.45
Fl. 7.49
Fl. 7.11
Fl. 6.89
Fl. 6.60
Fl. 6.59
4423'
4000
1547.2
2713
790.7

405 400 395 390 385 380 375

PLATE I-PLAN-PROFILE B. P. R. STANDARD
EUGENE DIETZGEN CO., Chicago-New York

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MICROFILMED

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0156(2)	10	

RIGHT OF WAY

SE¼, SW¼

N89°41'W.

373+17.4

375

370

1740.1'

N. 43° 29' W.
1539.29'

365

3

50'

50'

360

652.78'
S37°04'E 651.54'

P.I. 359+21.7

NW¼, SW¼

5

John R. James
Dolores, Colorado

352+55.6

PRESENT

259.36'

355

50'

50'

5

4

John R. James
Dolores, Colorado

SW¼, NW¼

To West 1/4 Corner Section 7

S 66°32' W
1085.14'

347+43.2

Property Line

88.9'

5.5°

50'

567.2'

350

N.30°39'W.
371.2'

139.4'

118.5'

Road

1540

1969.15'

345

50'

7

6

1260.0

15°

352+81.8

To Mcphee

Herbert & Rita Grey
Star Route No. 2
Dolores, Colorado

SW¼, SE¼

N0°16'E.

Section 7
T. 37 N.
R. 15 W.

NE¼, SW¼

3

John W. Ritter
Mancos, Colorado

P.T. 362+41.2

Δ 12°50'LT.
D 2° 00'
T 322.2
L 641.7
R 2865.0

P.C. 355+99.5

N.89°12'W.

SE¼, NW¼

6

Hicks Odom
Star Route 2, Dolores, Colorado

CLEARING & GRUBBING
STA. 364+50-370+00
80%-BRUSH- 15% PINION

CLEARING & GRUBBING
STA. 360+50-364+50
60% SMALL PINION TREES

CLEARING & GRUBBING
STA. 353+50- 360+50
50% BRUSH

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

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	GRADES CHECKED		
	R.R. CROSSING		
	STRUCTURE NO'S & TYPES CH'KD		

7080
7070
7060
7050

P.C. 371+40
78.21
73.85
-4.77%
FL 63.4
64.17
63.22
P.I. 368+41.2
FL 61.40
+4.07%
66.61
FL 67.1
73.82
74.32
P.C. 365+16.16
FL 67.76
-1.60%
FL 63.7
73.16
69.56
69.66
69.51
+1.76%
FL 71.4
73.88
74.24
P.I. 348+26
-3.40%
73.86
69.36

300' V.C.
400' V.C.
200' V.C.
400' V.C.
400' V.C.
500' V.C.

NO. 3-A-A(11)
20'-2.0
LL = 26.5
PI = 9.5
-200=70.1
NO. 3A-A(11)
20'-5.0'
LL = 30.1
PI = 7.6
-200=37.8

N.P.S.D. 3"
N.P.S.D. 2½"

| | | |

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S0156(2)	11	

RIGHT OF WAY

MICROFILMED

A
NOV 1959
ENG. DIV.
R. N. A.

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

SW¼, NW¼

(7)

Herbert and Rita Grey
Star Route 2
Dolores, Colorado

T.37 N.
R.16 W.
T.37 N.
R.15 W.

NE¼, NE¼

(8)

W.E. & A.E. Hamilton
Star Route 2
Dolores, Colorado

North

N.85°51' W.

Δ 56°29' RT.
D 8°00'
T 384.7
L 706.0
Rev. Curve
Δ 20°29' RT.
D 8°00'
L 129.40
T 256.04

R.P.S.T. 327+76.65 Bk.=
327+87.79 Ah.

Δ 18°00' RT.
LS 450.0
U 301.48
V 151.48

P.T. 325+57.2

R.P.C.S. 323+26.65

R.P.C.S. 320+70.61

Δ 18°00' RT.
LS 450.0
U 301.48
V 151.48

P.C. 316+51.13

R.P.S. 316+20.61

345 340 335 330 325 320 315

50' 50'

1969.15'
N.30°39' W.

Revised Curve To Be Constructed

36"x26' C.M.P.

1156.04'

60' 60'

26' Ahead of R.P.S.T.

581.2'

R.P.I.S. 324+78.13

N.74°26'45" E.
311.7 Feet

P.I. 322+35.9

R.P.I. 322+00.01

N.87°08' W.

1383.7'

R.P.S. 319+22.80

N.87°54' W.

PRESENT ROAD

WIRE GATE

WALK GATE

HOUSE

(10)

A. A. Simmons
Cortez, Colorado

SE¼, SE¼

CLEARING & GRUBBING
STA. 327+00-335+00
15% BRUSH-15% PINION & CEDAR

CLEARING & GRUBBING
STA. 322+00-327+00
30% OAKBRUSH & PINION

CLEARING & GRUBBING
STA. 311+00-317+00
60% BRUSH & SMALL PINIONS

EQUATION

PROFILE
NOTE BOOK
NO.
SURVEYED
PLOTTED
GRADES CHECKED
B.M.'s NOTED
STRUCTURE NOTES & CK'ED
BY
DATE

7100 7090 7080 7070 7060 7050

400' V.C.
-1.40%
+2.10%
+3.19%
202' V.C.
-2.75%
500' V.C.
N.P.S.D. 344'
+1.96%
-3.80%
600' V.C.
N.P.S.D. 344'

No. 2 A-1-b(0) CBR-0.9
C.C.-4.0'
LL -45.6
PI -27.6
-200-38.6

No. 1 A-1-b(0)
CBR-4.0
LL -29.7
PI -11.4
-200-8.8.0

Excavation
Factor
Excavation x Factor
Embankment
Factor
Adjustment
Borrow
Extra Haul

345 340 335 330 325 320 315

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PLATE I-PLAN-PROFILE B. P. R. STANDARD
EUGENE DIETZGEN CO., Chicago-New York

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On IMPERIAL Tracing Cloth

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0156(2)	12	

RIGHT OF WAY

MICROFILMED
JUN 1980
ENG. DIV.
E.H.D.

PLAN — SURVEYED, PLOTTED, CROSS SECS. CHECKED, B.M.'s NOTED, RT. OF WAY CHECKED, STRUCTURE NOTATIONS CHKD; BY; DATE; NOTE BOOK; NO.

PROFILE — SURVEYED, PLOTTED, CROSS SECS. CHECKED, B.M.'s NOTED, STRUCTURE NOTATIONS CHKD; NOTE BOOK; NO.

$NE\frac{1}{4}, NE\frac{1}{4}$

(8)

W.E. & A.E. Hamilton

Star Route 2

Dolores, Colorado

$NW\frac{1}{4}, NE\frac{1}{4}$

(9)

Public Domain

N

N 0° 08' W.

315 50' 50'

310

305

736.9'

736.9'

(9)

N. 87° 08' W.

32.15

N 84° 00' W

N 87° 54' W. 626.04'

435.0'

435.05'

13.7'

(10)

Section 12
T. 37 N., R. 16 W.
Of The N.M.P.M.

Section 1
T. 37 N., R. 16 W.
Of The N.M.P.M.

STA. 305+00 = BEG. S 0156(2)
END S 0156(1)

N 0° 04' E.

312.36

$SE\frac{1}{4}, SE\frac{1}{4}$

$SW\frac{1}{4}, SE\frac{1}{4}$

(10)

A.A. Simmons
Cortez, Colorado

7100
7090
7080
7070
7060

400' V.C.

600' V.C.

16.80

16.80

73.40

83.40

83.94

53.60

22.28

-3.40%

+3.46%

EL 77.0

EL 70.0

Excavation
Factor
Excavx Factor
Embankment
Sta Yds Overhaul
Ft. Mile Overhaul
Borrow
Furnish Water

1238³
Free
1238³
1610³
4819
1728
Free
Wat. 1/6 M Sta Yds 3121

315 310 305

PLATE 1-PLAN-PROFILE B. P. H. STANDARD
EUGENE DIETZGEN CO., Chicago-New York

Printed in U.S.A. On IMPERIAL Tracing Cloth

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0156 (2)	13	

RIGHT OF WAY

MICROFILMED

(1) Navie Johnson Nee Ritter
Part of NW1/4 NE1/4

(2) James Hammond
Part of NW1/4 NE1/4

(3) Thomas J.& Elizabeth Porter
N1/2 NW1/4 Sec. 16

(4) T.V. & Yvonne Rogers
NE 1/4 Sec. 17

(5) Blue Robinson
S1/2 SW1/4 Sec.8
& NE1/4 NW1/4 North
& East of the Dolores River

(5A) Blue Robinson
N1/2 NW1/4 Sec.17

(6) C. Tories
NE1/4 NE1/4 Sec.18
& SE1/4 SE1/4 Sec 7
South of Highway
No. 147

(7) Montezuma Valley
Irrigation Co.
Part of NW1/4 NE1/4 Sec.17

(8) Blue Robinson
SE1/4 Sec.8

John W. Ritter
SE 1/4 SE 1/4 Sec. 7 &
all North of Highway No. 147
in NE 1/4 NE1/4 Sec 18

Sta. 64+00 to Sta. 77+00± not included in this Project

Dolores City Limits

TOWN OF DOLORES
NW 1/4 NE1/4 Sec 16

DOLORES
SW1/4 SE1/4 Sec. 9

Colorado State Highway No. 147

R.G.S.R.R.

Central Ave.

1st St.

2nd St.

3rd St.

Dolores River

To Cortez

To Lewis

OWNERSHIP MAP
PLAT
SHOWING CLAIMANTS WITH REGARD
TO RIGHT OF WAY FOR PROJECT S0153(1)
SCALE 1"=400'

FEDROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S0156(2)	14	

RIGHT OF WAY

MICROFILMED

T 37 N R 15 & 16 W

S 89°51'W-1320'

1243'

1320'

N 89°41'W 1320

1346.8'

N 0°16'E 1268.5'

N 0°04'E

N 0°08'E

N 87°08'W 2670.5'

Sta. 305+00 Begin S0156(2)

N 30°39W 340

N 43°29'W 365

N 89°12'W

N 87°54'W 1277'

N 0°16'E

Range 16 W
Range 15 W

Present Highway

PS 121+33.2
PIS 117+99.2
PI 113+74.9
PCS 116+33.2
PSC 110+57.8
PIS 108+91.7
PSC 105+57.8
PT 97+55.7
PC 94+14.0
PT 92+15.5
PSC 86+83.3
PST 86+72.6
PI 89+68.1
PI 84+19.1

407+48.4 End S0156(2)
Opposite Sta. 104+03.6
Project S0153(1)

PS 385+11.8
PI 382+81.0
PS 380+47.3
PS 377+80.4
PCS 383+81.2
PSC 381+80.4
PST 387+63.0 Ahd

PT 362+41.2
PC 355+99.5

PS 373+27.4
PIS 370+41.8
PI 359+21.7
PS 352+55.6
PS 324+78.0
PI 322+00.0
PI 316+22.2

Δc 8°02 Lt.
D 400'
T 100.6
L 200.8

Δ 12°50' Lt.
D 2°00'
T 322.2
L 641.7
R 2865.0

Δc 18°00 Rt.
D 450.0
T 360.0
L 706.9

Δc 20°29' Rt.
D 8°00'
T 129.4
L 256.0

Δc 18°00'Rt.
D 450.0
Lc 316.2
LT 301.6
ST 151.4

PST 327°87.8
PCS 323+26.6
PSC 320+70.6
PS 316+20.6

① Blue Robinson
NW 1/4 Sec. 17

② C. Torres
N 1/2 NE 1/4 and
S 1/2 SE 1/4
South of Highway 147

③ John W. Ritter
S 1/2 SE 1/4
North of Highway 147

④ ⑤ John R. James
SW 1/4 NW 1/4
South of Highway 147
and NW 1/4 SW 1/4

⑥ Hicks Odom
E 1/2 NW 1/4

⑦ Herbert & Reta Gray
NW 1/4 NW 1/4 &
SW 1/4 NW 1/4 North
of Highway 147

⑧ W.E. and A.E. Hamilton
E 1/2 NE 1/4

⑨ Public Domain
W 1/2 NE 1/4

⑩ A.A. Simmons
SE 1/4

John W. Ritter
E 1/2 SW 1/4

Public Domain
NW 1/4 SE 1/4

Public Domain
NW 1/4 SE 1/4

Ac 8°00' Lt.
Ls 400.0
LT 266.9
ST 133.6

Δc 8°00' Lt.
Ls 400.0
LT 266.9
ST 133.6

201.8

OWNERSHIP MAP

PLAT

SHOWING CLAIMANTS WITH REGARD TO RIGHT OF WAY FOR PROJECT S0156(2) AND S0153(1)

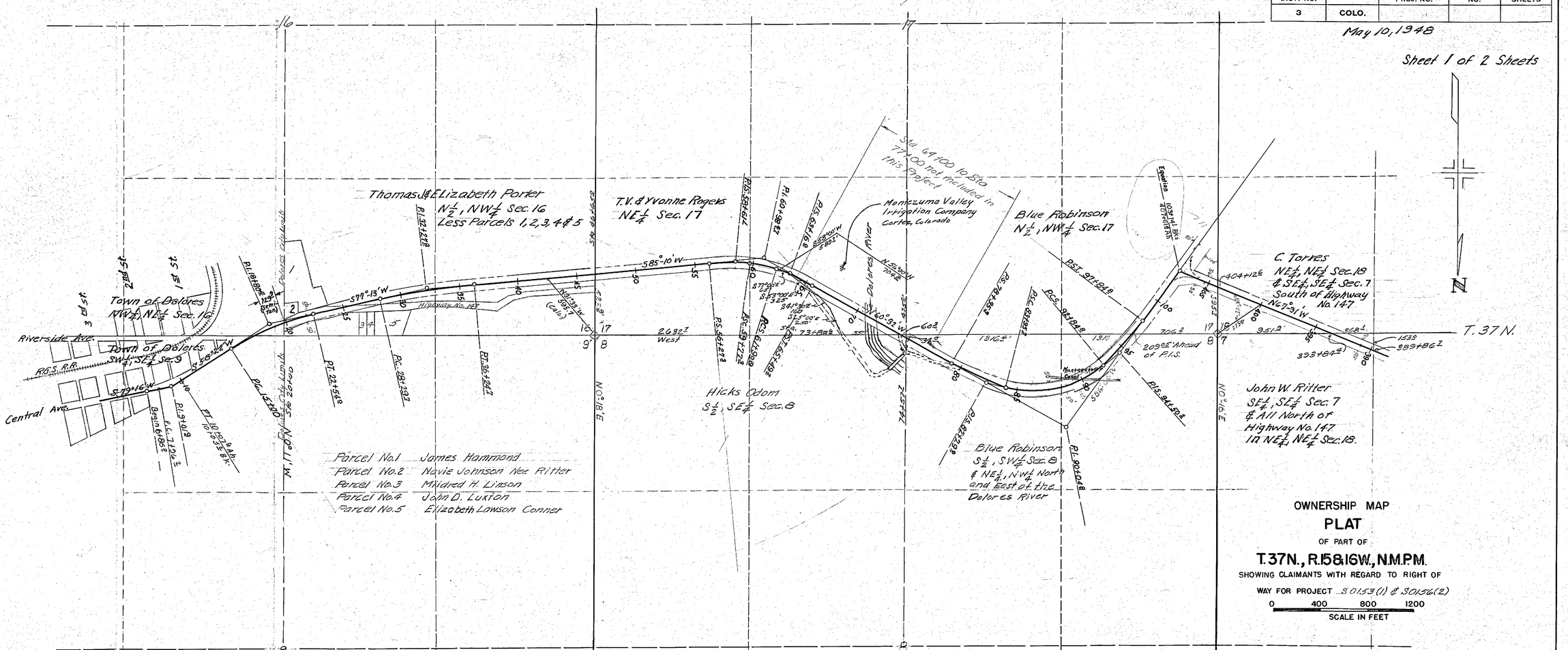
SCALE 1"=400'

Dolores - Lewis S 0156(2) & S 0153(1)

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.			

May 10, 1948

Sheet 1 of 2 Sheets



OWNERSHIP MAP

PLAT

OF PART OF

T. 37 N., R. 15 & 16 W., N.M.P.M.

SHOWING CLAIMANTS WITH REGARD TO RIGHT OF WAY FOR PROJECT S 0153(1) & S 0156(2)

0 400 800 1200

SCALE IN FEET

Recommend Right of Way Width 50 feet on each Side of Center Line except where Noted on Plans.

"IMPERIAL" TRACING CLOTH
K & E CO., N. Y.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0156 (2)	13	

RIGHT OF WAY

Dolores City Limits

(1) Navie Johnson Nee Ritter
Part of NW1/4 NE1/4

(2) James Hammond
Part of NW1/4 NE1/4

(3) Thomas J.& Elizabeth Porter
N1/2 NW1/4 Sec. 16

(4) T.V. & Yvonne Rogers
NE 1/4 Sec. 17

(5) Blue Robinson
S1/2 SW1/4 Sec.8
& NE 1/4 NW1/4 North
& East of the Dolores River

(5A) Blue Robinson
N1/2 NW1/4 Sec.17

(6) C. Tories
NE1/4 NE 1/4 Sec. 18
& SE1/4 SE1/4 Sec 7
South of Highway
No. 147

(7) Montezuma Valley
Irrigation Co.
Part of NW1/4 NE1/4 Sec.17

(8) Blue Robinson
SE1/4 Sec.8

John W. Ritter
SE 1/4 SE 1/4 Sec.7 &
all North of Highway No. 147
in NE 1/4 NE1/4 Sec 18

Sta. 64+00 to Sta. 77+00 not included in this Project

Colorado State Highway No. 147

TOWN OF DOLORES
NW 1/4 NE1/4 Sec 16

RGSRR DOLORES
SW1/4 SE1/4 Sec 9

Central Ave

Dolores River

To Cortez

To Lewis

OWNERSHIP MAP
PLAT
SHOWING CLAIMANTS WITH REGARD
TO RIGHT OF WAY FOR PROJECT S0153(1)
SCALE 1"=400'

FED.ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S0156(2)	14	

RIGHT OF WAY

T 37 N R 15 & 16 W

Sta. 305+00 Begin S0156(2)

407+48.4 End S0156(2)
Opposite Sta. 104+03.6
Project S0153(1)

① Blue Robinson
NW 1/4 Sec. 17

② C. Torres
N 1/2 NE 1/4 and
S 1/2 SE 1/4
South of Highway 147

③ John W. Ritter
S 1/2 SE 1/4
North of Highway 147

④ ⑤ John R. James
SW 1/4 NW 1/4
South of Highway 147
and NW 1/4 SW 1/4

⑥ Hicks Odom
E 1/2 NW 1/4

⑦ Herbert & Reta Gray
NW 1/4 NW 1/4 &
SW 1/4 NW 1/4 North
of Highway 147

⑧ W.E. and A.E. Hamilton
E 1/2 NE 1/4

⑨ Public Domain
W 1/2 NE 1/4

⑩ A.A. Simmons
SE 1/4

John W. Ritter
E 1/2 SW 1/4

Public Domain
NW 1/4 SE 1/4

Present Highway

S 89°51'W – 1320'

N 67°31'W

N 43°29'W

N 69°41'W

N 30°39'W

N 87°08'W

N 87°54'W

N 89°12'W

N 0°16'E

N 0°04'E

N 0°08'E

1243'

1320'

1268.5'

1346.8'

1352.8'

1277'

2670.5'

PS 121+33.2
PIS 117+99.2
PI 113+74.9
PCS 116+33.2
PSC 110+57.8
PIS 108+91.7
PSC 105+57.8
PT 97+55.7
PC 94+14.0
PI 95+86.7
PT 92+15.5
PC 86+83.3
PT 86+12.6
PI 89+66.1
PI 84+19.1

PI 382+81.0
PIS 380+47.3
PIS 377+80.4
PI 359+21.7
PT 362+41.2
PC 355+99.5
PCS 383+81.2
PSC 381+80.4
PST 381+30.4
PIS 385+14.8
PIS 373+27.4
PI 370+41.8
PI 352+55.6
PCS 323+26.6
PST 327+87.8
PIS 324+78.0
PI 322+00.0
PIS 316+22.2

Δ 8°02' L
D 4°00'
T 100.6
L 200.8

Δ 12°50' Lt.
D 2°00'
T 322.2
L 641.7
R 2865.0

Δc 20°29' Rt.
D 8°00'
T 129.4
L 256.0

Δc 18°00' Rt.
Ls 450.0
LT 301.6
ST 151.4

Δc 18°00' Rt.
Ls 450.0
LT 300.0
ST 146.6

Δc 8°00' Lt.
Ls 400.0
LT 266.9
ST 133.6

Δc 8°00' Lt.
Ls 400.0
LT 266.9
ST 133.6

Range 16 W
Range 15 W

OWNERSHIP MAP
PLAT
SHOWING CLAIMANTS WITH REGARD TO RIGHT OF WAY FOR PROJECT S0156(2) AND S0153(1)
SCALE 1"=400'

501531(1) - 501536(2)

MICROFILMED

JUN 1950 ENG. DIV. S. H. D.

SHEET 1 OF 2 SHEETS

16 | 17

Dolores City Limits

(1) Navie Johnson Nee Ritter
Part of NW1/4 NE1/4

(2) James Hammond
Part of NW1/4 NE1/4

(3) Thomas J. & Elizabeth Porter
N1/2 NW1/4 Sec. 16

(4) T. V. & Yvonne Rogers
NE 1/4 Sec. 17

(7) Montezuma Valley
Irrigation Co.
Part of NW1/4 NE1/4 Sec. 17

Sta. 64+00 to Sta. 77+00.1 not included in this Project

(5A) Blue Robinson
N1/2 NW1/4 Sec. 17

(6) C. Torres
NE1/4 NE1/4 Sec. 18
& SE1/4 SE1/4 Sec 7
South of Highway
No. 147

TOWN OF DOLORES
NW 1/4 NE1/4 Sec 16

DOLORES
SW1/4 SE1/4 Sec. 9

R.G.S.R.R.

Colorado State Highway No. 147

Central Ave.

1st St.

2nd St.

3rd St.

Dolores River

To Lewis

To Cortez

Equa. 98+43.1 Ah.
98+53.8 Bk.

16 | 17 West | 523.9

9 | 8

N 0° 18' E

74+57.7

N 0° 16' E

17 | 18

8 | 7

(8) Blue Robinson
S1/2 SE1/4 Sec. 8

(5) Blue Robinson
S1/2 SW1/4 Sec. 8
& NE1/4 NW1/4 North
& East of the Dolores River

John W. Ritter
SE 1/4 SE 1/4 Sec. 7 &
all North of Highway No. 147
in NE 1/4 NE 1/4 Sec 18

9 | 8

OWNERSHIP MAP
PLAT
SHOWING CLAIMANTS WITH REGARD
TO RIGHT OF WAY FOR PROJECT S0153(1)
SCALE 1" = 400'

MICROFILMED

JUN 1958 ENG. DIV. S. H. D.

T 37 N R 15 & 16 W

Range 16 W
Range 15 W

North

S 89°51' W — 1320'

N 89°41' W 1320'

N 89°12' W

N 87°54' W 1277'

N 0°16' E

N 0°04' E

N 0°08' E

N 30°39' W

N 43°29' W

1346.8'

1355.2'

1268.5'

2670.5'

PS 121+33.2
PIS 117+99.2
PI 113+74.9
PCS 116+33.2
PSC 110+57.8
PIS 108+91.7
PSC 105+57.8
PT 97+55.7
PC 94+14.0
PI 95+86.7
PT 92+15.5
PC 86+93.3
PT 86+72.6
PI 89+66.1
PI 84+19.1

407+48.4 End SO156(2)
Opposite Sta. 104+03.6
Project SO153(1)

Sta. 305+00 Begin SO156(2)

PS 387+80.4
PSC 383+81.2
PSC 381+80.4
PI 382+81.0
PIS 385+14.8
PIS 380+47.3
PS 377+80.4
PT 362+41.2
PSC 355+99.5
PIS 324+78.0
PI 322+00.0
PCS 323+26.6
PCS 320+70.1
PI 316+22.6
PIS 313+22.2

① Blue Robinson
NW 1/4 Sec. 17

② C. Torres
N 1/2 NE 1/4 and
S 1/2 SE 1/4
South of Highway 147

③ John W. Ritter
S 1/2 SE 1/4
North of Highway 147

④ ⑤ John R. James
SW 1/4 NW 1/4
South of Highway 147
and NW 1/4 SW 1/4

⑥ Hicks Odom
E 1/2 NW 1/4

⑦ Herbert & Reta Gray
NW 1/4 NW 1/4 &
SW 1/4 NW 1/4 North
of Highway 147

⑧ W.E. and A.E. Hamilton
E 1/2 NE 1/4

⑨ Public Domain
W 1/2 NE 1/4

⑩ A.A. Simmons
SE 1/4

John W. Ritter
E 1/2 SW 1/4

Public Domain
NW 1/4 SE 1/4

Present Highway

1320'
1243'
1346.8'
1277'
1268.5'

Δ 12°50' Lt.
D 2°00'
T 322.2
L 641.7
R 2865.0

Δ 8°02 Lt.
D 400'
T 100.6
L 200.8

θs 8°00' Lt.
Ls 400.0
LT 266.9
ST 133.6

θs 18°00 Rt
Ls 450.0
LT 301.6
ST 151.4

Δc 20°29' Rt.
D 8°00'
T 129.4
L 256.0

OWNERSHIP MAP

PLAT
SHOWING CLAIMANTS WITH
REGARD TO RIGHT OF WAY FOR
PROJECT SO156(2) AND SO153(1)
SCALE 1"=400'

FED. ROAD DIST. NO.	STATE	COMB. FAS. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0153(1) S 0156(1)	3	

RIGHT OF WAY

N.E. 1/4 Sec. 7
T. 37 N., R. 16 W.

N.W. 1/4 Sec. 7
T. 37 N., R. 16 W.

Highway No. 160

STA. 10+00 (SURVEY) = 1378' TO SEC. COR.

To Cortez

Book 110 Page 265 Parcel 264-D

Book 110 Page 265 and Book 110 Page 145

Book 110 Page 111

Parcel's 1 & 1-1

STORE
PUMPS
GARAGE
Forest Service Road
GATE
GATE
50' R
50' R
S 86° 59' E
405'
N 86° 59' W
20' PRESENT ROAD
25
30
S 86° 59' E
No Row Required
Previously Acquired
Recorded — Book No 110
Page No 145
No!
Sta 28+45
1/4 SEC. LINE (APPROX.)

CLEARING & GRUBBING
Sta. 8+00 to 30+00—None

STA. 9+04.9 BEGIN S 0156(1)
=10 FT. RT. OF STA. 545+86.7 ON F.A.P. 269-D

Test #1 00-02 Oil Surf
02-03 Surf
03-25 A-7
L.L. = 47
P.I. = 27.5
-200 = 95.0%

#1 A-7

N.P.S.A. = 1300

6570
6560
6550

Excav.
Embank. Factor
Embank.
Embank. X Factor
~~Sta. Yd. O. H.~~
Yd. Mi. O. H.
Borrow
Borrow Source

0 5 10 15 20 25 30

PLAT 1 PLAN-PROFILE O. P. R. & R. E.
CHARLES BROWNE COMPANY INC.

PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / NOTE BOOK / NO. / DATE

PROFILE — SURVEYED / PLOTTED / PROFILE CHECKED / B. M. NOTED / STRUCT. REMARKS CHKD. / NOTE BOOK / NO. / DATE

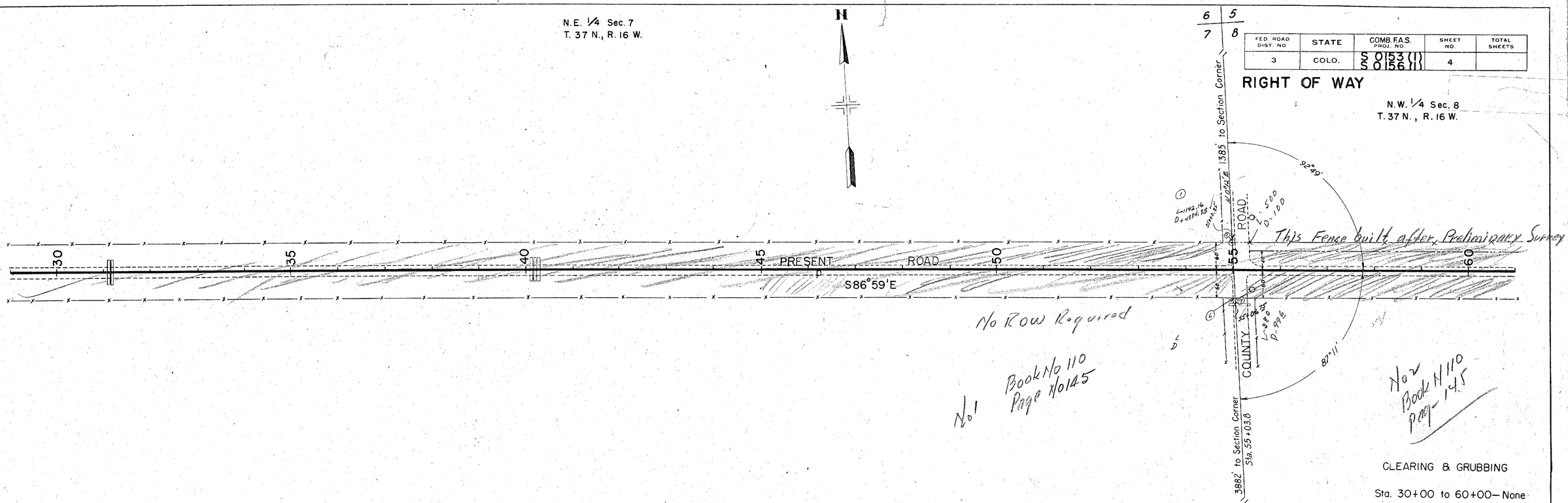
LEWIS TO DOLORES

FED. ROAD DIST. NO	STATE	COMB. F.A.S. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0153(1) S 0156(1)	4	

RIGHT OF WAY

N.E. 1/4 Sec. 7
T. 37 N., R. 16 W.

N.W. 1/4 Sec. 8
T. 37 N., R. 16 W.



CLEARING & GRUBBING

Sta. 30+00 to 60+00 — None

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

PROFILE
SURVEYED
PLOTTED
NOTE BOOK
NO.
GRADES CHECKED
AS NOTED
STRUCTURES CHECKED
BY
DATE

6610
6600
6590
6580
6570
6560
6550

Excav.
Embank. Factor
Embank.
Embank X Factor
Sta. Yd. O. H.
Yd. Mi. O. H.
Borrow
Borrow Source

30 35 40 45 50 55 60

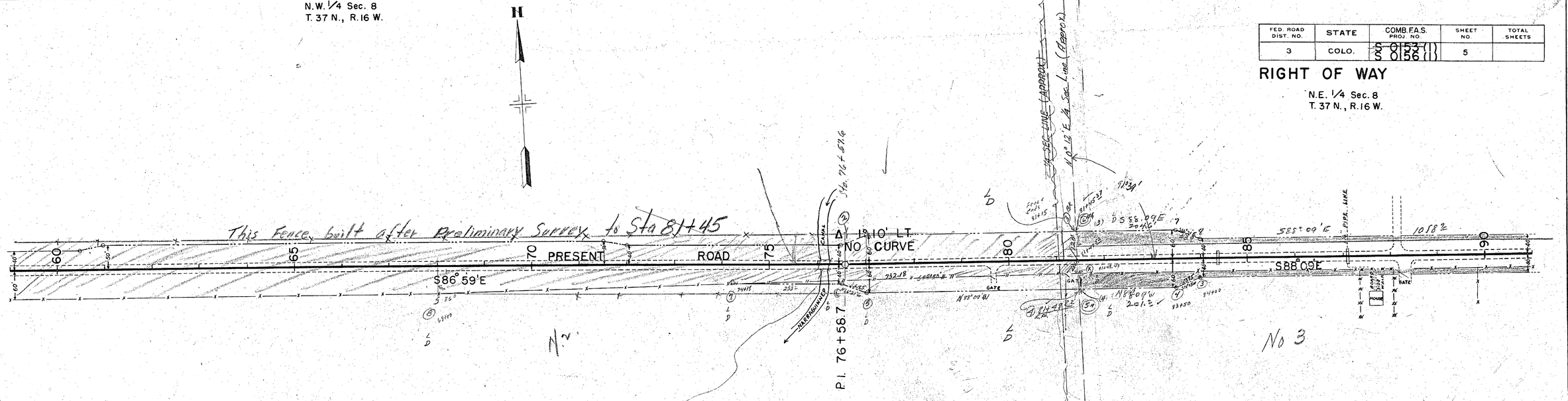
PLATE 1--PLAN--PROFILE G. P. R. & R. E.
CHARLES BROWNING COMPANY, INC.

FED. ROAD DIST. NO.	STATE	COMB. F.A.S. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	~~S 0152(1)~~ S 0156(1)	5	

RIGHT OF WAY

N.E. 1/4 Sec. 8
T. 37 N., R. 16 W.

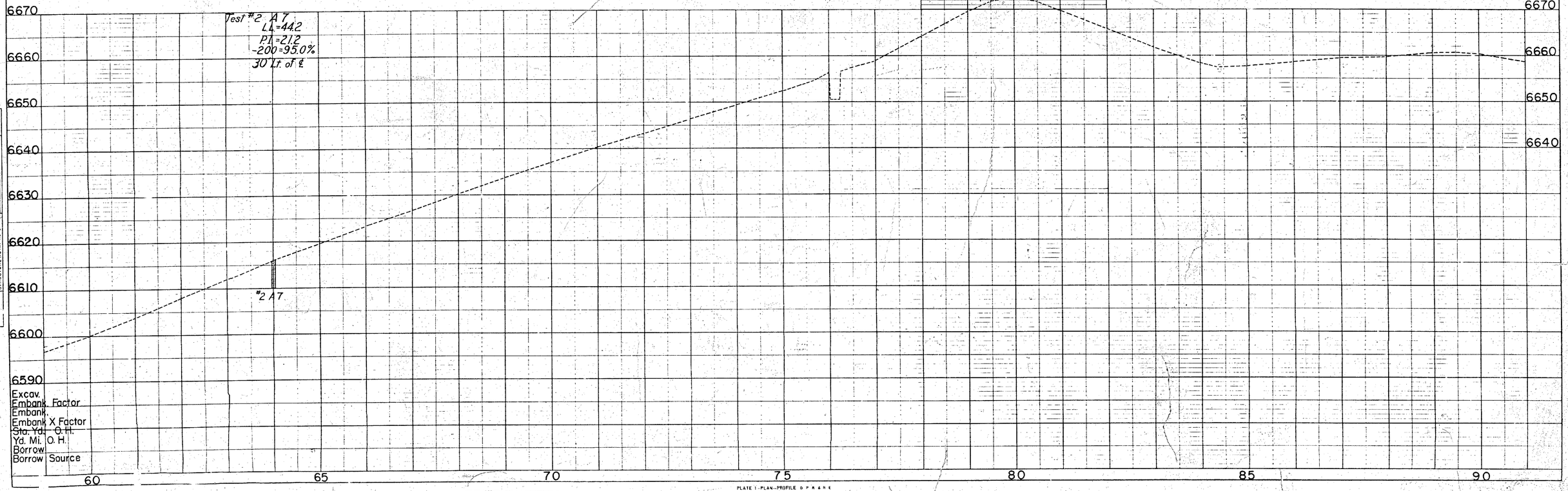
N.W. 1/4 Sec. 8
T. 37 N., R. 16 W.



CLEARING & GRUBBING

Sta. 60+00 to 84+00 – None

Sta. 84+00 to 90+00 – 5 Pinon trees.



Excav.
Embank. Factor
Embank.
Embank X Factor
Sta. Yd. O.H.
Yd. Mi. O.H.
Borrow
Borrow Source

PLAN: SURVEYED, PLOTTED, NOTE BOOK, NO., BY, DATE, R/W MONUMENTS CHECKED, R/W MONUMENTS SET, PT. OF WAY CHECKED

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, NOTE BOOK, NO., BY, DATE, STRUCTURE NOTATIONS CHECKED

PLATE 1 - PLAN - PROFILE O P R & N E
CHARLES BRUNG COMPANY INC

FED. ROAD DIST. NO.	STATE	F. A. S. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0156 (1)	19 b 6	

N.E. 1/4 Sec. 8
T. 37 N., R. 16 W.

N.W. 1/4 Sec. 9
T. 37 N., R. 16 W.

NARRAGUINNEP RESERVOIR

Stone Paved Overflow Spillway

Highwater Line

91+50, Req'd: Double 24"x56" C.M.P. Cross Culv. & Embank. Material to Fill old channel Lt. Remove 24"x24" C.M.P.

98+50, Req'd: 24"x52" C.M.P. Cross Culv. Inlet Ditch (W=1')

107+00, Req'd: 24"x118" C.M.P. Cross Culv. Inlet Ditch (W=1')

H.S.D. > 1300'
Δ 65° 30' LT.
D 14° 00'
T 263.3'
L 467.9'
R 409.3'

S 88° 09' E

S 75° 39' E

N 38° 51' E

N 78° 51' E

N 52° 10' E

N 72° 46' E

P.I. 97+25.0

P.C. 99+85

P.T. 104+52.9

P.I. 102+48.3

P.I. 107+18.6

P.C. 109+87.1

P.T. 111+69.7

P.I. 110+84.2

P.C. 113+17

P.I. 114+21.2

P.T. 115+23.1

P.C. 105+69.6

P.T. 108+55.3

Section Line

1464.3' to 1/4 Corner

Outlet Tunnel

Headgate

Top of Dam

Δ 12° 30' RT.
D 10° 00'
T 62.8'
L 125.0'
R 573.0'

Δ 40° 00' RT.
D 14° 00'
T 149.0'
L 285.7'
R 409.3'

Δ 26° 41' LT.
D 14° 00'
T 97.1'
L 190.6'
R 409.3'

H.S.D. > 1300'
Δ 20° 36' RT.
D 10° 00'
T 104.1
L 206.0
R 573.0

CLEARING & GRUBBING

Sta. 90+00 to 120+00 — Scattered Juniper, Pinon and light Sage

PLAN — SURVEYED, PLOTTED, GRADES CHECKED, ALIGNMENT CHECKED, BK. OF MAP CHECKED, NOTE BOOK, NO., BY, DATE

PROFILE — SURVEYED, PLOTTED, GRADES CHECKED, R.S. NOTED, STRUCTURE NOTATNS CH'KD, NOTE BOOK, NO., BY, DATE

+0.54%
-0.20%
+0.10%

800' V.C.
300' V.C.
200' V.C.
N.P.S.D. - 1090'

| | | |

FED. ROAD DIST. NO.	STATE	COMB. F.A.S. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 8156	7	

RIGHT OF WAY

N.E. 1/4 Sec. 9
T. 37 N., R. 16 W.

N.W. 1/4 Sec. 9
T. 37 N., R. 16 W.

CLEARING & GRUBBING
Sta. 120+00 to 125+00 – None
Sta. 125+00 to 150+00 – Heavy
Juniper and Pinon

6820

PLAN — CHECKED, PLOTTED, NOTE BOOK, ALIGNMENT CHECKED, R/W CHECKED, NO.

PROFILE — CHECKED, PLOTTED, NOTE BOOK, GRADE CHECKED, NO.

Excav.
Embank. Factor
Embank.
Embank. X Factor
Sta. Yd. O.H.
Yd. Mi. O.H.
Borrow
Borrow Source

PLATE I PLAN PROFILE O P R & R E
CHARLES BRUNING COMPANY, INC.

FED. ROAD DIST. NO.	STATE	COMB. F.A.S. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0153{1} S 0156{1}	8	

RIGHT OF WAY

S.W. 1/4 Sec. 3
T. 37 N., R. 16 W.

S 66°44'W 1552.21'

Present Road

No 6

~~S. Retherford~~
J.T Gardner

N.E. 1/4 Sec. 9
T. 37 N., R. 16 W.

Approx. Sec. Corner

S 89°02'W 240.44'

N 0°29'W 100.85

N 0°29'W

S 66°44'W 611.0'

N 66°44' E

N 66°44' E 235.97'

N 66°44' E 98.9'

No 7
Melvin J. Adams

4589.00' to Sec. Cor. N. 89°29' E.

No 6A
N 66°44' E
260.79'
S. Retherford

N.W. 1/4 Sec. 10
T. 37 N., R. 16 W.

P.I. 176+64.2

Present Road

N 69°44' E

P.C. 175+14.1

P.I. 178+14.1

Δ	3° 00' RT.
D	1° 00'
T	150.1
L	300.0
R	5730.0
	5690.0

CLEARING & GRUBBING

Sta. 150+00 to 162+00 – Heavy Juniper and Pinon
Sta. 162+00 to 180+00 – Scattered Juniper, Pinon and Light Sage

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

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

Test #4 PA2
LL=24.5
PI= 7.1
-200=47.0%
5' Rt of ℄

#4 PA2

6870
6860
6850
6840
6830
6820
6810
6800

Excav.
Embank. Factor
Embank.
Embank. X Factor
Sta. Yd. O.H.
Yd. Mi. O.H.
Borrow
Borrow Source

150 155 160 165 170 175 180

PLATE 1—PLAN—PROFILE O. P. R. & R. E.
CHARLES BRUNING COMPANY, INC.

S.W. 1/4 Sec. 3,
T. 37 N., R. 16 W.

S.E. 1/4 Sec. 3
T. 37 N., R. 16 W.

FED. ROAD DIST. NO.	STATE	COMB. F.A.S. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0153 (1) S 0156 (1)	9	

RIGHT OF WAY

N

Approx. 1/4 Sec. Line

P.I. 192+00

Δ 35° 18' RT
D 6° 00'
T 303.8'
L 588.3'
R 955'

P.C. 188+96.2

P.T. 194+84.5

P.C. 196+79.0

Δ 23° 38' LT.
D 6° 00'
T 199.8'
L 393.9'
R 955'

P.T. 200+72.9 BK. =
200+99.8 AH.

P.I. 198+78.8

EQUATION

Δ 19° 00' LT.
D 6° 00'
T 159.8
L 316.7
R 955.0

P.C. 203+52.3

P.T. 206+69.0

P.I. 205+12

P.C. 208+98.3

N 69° 44' E

N 62° 24' E

N 69° 44' E 1022.1

No 7
Melvin J. Adams

No 8
Harry L. Upton

CLEARING & GRUBBING

Sta. 180+00 to 197+00 — None

Sta. 197+00 to 202+00 — Scattered Pinon, Juniper and Light Sage

Sta. 202+00 to 210+00 — None

PLAN
SURVEYED
PLOTTED
NOTE BOOK
ALIGNMENT CHECKED
NO.
BY
DATE

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

6920
6910
6900
6890
6880
6870
6860
6850

Excav.
Embank. Factor
Embank.
Embank. X Factor
Sta. Yd. O.H.
Yd. Mi. O.H.
Borrow
Borrow Source

180 185 190 195 200 205 210

PLATE 1—PLAN—PROFILE © P. R. & R. E.
CHARLES BRUNING COMPANY, INC.

FED. ROAD DIST. NO.	STATE	COMB. F.A.S. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0153 (1) S 0156 (1)	10	

RIGHT OF WAY

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

PROFILE — SURVEYED, PLOTTED, NOTE BOOK, GRADES CHECKED, NO., STRUCTURES PLOTTED, BY, DATE

P.I. 215+86.0

N 62° 24' E

1354.58

210

Present Road

CATTLE GUARD

GATE

1284.4'

N 92°12' E 1327.86

R = 1960.10
Length = 1260.10
Long Chord = 1235.92
Bearing: S 82°12' W

H.S.D. = 460
Δ 39° 36' RT.
D 3° 00'
T 687.7
L 1320.0
R 1910.0

L = 1431.08
D = 19.6 min. 47

L = 1342.46
D = 18°16'07.9"

P.C. 208+98.3

(Approximate) Section Line

Sta. 223+02.1416 to Sec. Cor.

S.E. 1/4 Sec. 3
T. 37 N., R. 16 W.

3 | 2
10 | 11

L = 1704.38
D = 20°24'7.07"

R = 1960.10
Length = 1329.96
Long Chord = 1301.98
Bearing: N 82°12' E

L = 1611.29
D = 20°9'39.0"

L = 1513.49
D = 20°9'32"

P.T. 222+18.3

108°07'

220

225

777.2' S 78° 00' E

777.2' N 78°00' W

S 78° 00' E

No 8
Harry L. Upton

S.W. 1/4 Sec. 2
T. 37 N., R. 16 W.

L = 1351.09
D = 21°11'54"

P.C. 229+97.5

L = 1149.79
D = 21°52.3"

230

235

P.I. 235+24.0

L = 1351.68
D = 22°03'.72"

S 63° 43' E

522.2'

S 67° 30' E

702.37'

R = 5730
Length = 706.17
Long Chord = 702.37'
Bearing: S 70°59' E

L = 1290.93
D = 22°1'96.89"

L = 1113.64
D = 22°16'49"

240

P.T. 240+47.5

236+ to 243+ Cultivated = 82 X 400 = 0.753 Acres

Land to be Cultivated (360) 32800

H.S.D. = 1300'
Δ 10° 30' RT.
D 1° 00'
T 526.5
L 1050.0
R 5730.0

CLEARING & GRUBBING

Sta. 210+00 to 220+00 – None

Sta. 220+00 to 240+00 – Light Sage

236 + to 243 + Cultivated

Test #5 AA
L.L. = 25.7
P.I. = 9.3
-200 = 85.0%

F.L. 17.4

F.L. 8.4

#5, A4

	210	215	220	225	230	235	240
Excav.							
Embank. Factor							
Embank.							
Embank. X Factor							
Sta. Yd. O.H.							
Yd. Mi. O.H.							
Borrow							
Borrow Source							

6970 6960 6950 6940 6930 6920 6910 6900

7010 7000 6990 6980 6970 6960

PLATE 1--PLAN--PROFILE O. P. R. & R. E.
CHARLES BRUNING COMPANY, INC.

FED. ROAD DIST. NO.	STATE	COMB. F.A.S. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0153 (1) S 0156 (1)	11	

RIGHT OF WAY

S. E. 1/4 Sec. 2
T. 37 N., R. 16 W.

N. E. 1/4 Sec. 11
T. 37 N., R. 16 W.

Approx. Section Line

Present Road

S 67° 30' E

N 67° 30' W

H.S.D. = 490'
Δ 19° 38' LT.
D 4° 00'
T 247.9
L 490.8
R 1432.5

P.C. 257+82.4

P.T. 262+73.2

P.T. 240+47.5

P.I. 260+30.3

S 18° 58' E

936.3'

588.20'

400.00'

332.40'

555.10'

347.7'

170'

668.6' to 1/4 Sec. Cor.

Fence

Gate

Ditch

Wash

Arroyo

Sta 243+84

No 8
Harry L. Upton

No 9
A.E. Hamilton
ROUTE NO. 2
DOLORES, COLO.

No. 10
Ella Ward Sylvester

CLEARING & GRUBBING

Sta. 240+00 to 250+00 — Heavy Sage and scattered Pinon

Sta. 250+00 to 261+00 — Heavy Juniper, Pinon and Sage

Sta. 261+00 to 270+00 — Scattered Sage

PLAN — SURVEYED, PLOTTED, ALIGNMENT CHECKED, R.S. OF MAP CHECKED, NOTE BOOK, NO., DATE, BY

PROFILE — SURVEYED, PLOTTED, GRADES CHECKED, R.S. OF MAP CHECKED, NOTE BOOK, NO., STRUCTURE NOTATIONS CH. TO, DATE, BY

Excav.
Embank. Factor
Embank.
Embank. X Factor
Sta. Yd. O.H.
Yd. Mi. O.H.
Borrow
Borrow Source

7040
7030
7020
7010
7000

240 245 250 255 260 265 270

PLATE I—PLAN—PROFILE O. P. R & R. E.
CHARLES BRUNING COMPANY, INC.

FED. ROAD DIST. NO.	STATE	COMB. F.A.S. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0153(11) S 0156(11)	12	

RIGHT OF WAY

S.W. 1/4 Sec. 1
T. 37 N., R. 16 W.

N

W. M. Conoley #11

A A Simmons #12

Present Road

N 87°08' W 590.5'

N 89°05' W 530.22

N 87°08' W 1474.6

Section Line S 87°53' E 2665.56'

S 87°08' E 990.5

S 87°44' E 765.04'

S 86°50' E 636.17'

N 3°53' W 326.4'

GATE

POT Sta 272+09.5 ℄ Road 0.75' Lt Sec Cor

Sec Cor L+270.70 D+25,697.86

℄ L+271.45 D+25,697.90

L+311.90 D+699.90

L+181.94 D+26,695.14

L+281.87 D+26,289.46

L+251.87 D+26,288.91

L+172.16 D+28,361.64

L+178.24 D+28,361.64

L+195.02 D+28,361.64

S 89°19' E 192.72'

Approx. 1/4 Sec. Line

NE 1/4

CLEARING & GRUBBING

Sta. 270+00 to 300+00 – None

N.W. 1/4 Sec. 12
T. 37 N., R. 16 W.

F.L. 126

F.L. 206

F.L. 250

F.L. 283

F.L. 335

Excav.
Embank. Factor
Embank.
Embank. X Factor
Sta. Yd. O. H.
Yd. Mi. O. H.
Borrow
Borrow Source

PLATE 1 – PLAN – PROFILE O F R A R E
CHARLES BRUNING COMPANY, INC.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.			

Sheet 1 of 2 Sheets

Sta. 64+00 to Sta. 77+00 not included in this Project.

Montezuma Valley Irrigation Co.

Dolores River

Dolores city limits

Riverside Ave

Central Ave

Town of Dolores

Blue Robinson

Revised Line to be Constructed

Abandoned Line to be Removed

Irrigation Canal

Tract 1 — (0.75 A.)
Tract 2 — (0.28 A.)
Tract 3 — (0.32 A.)
Tract 4 — (1.3 A.)

N

T. 37 N.

OWNERSHIP MAP

PLAT

OF PART OF

T. 37 N., R. 15 & 16 W., N.M.P.M.

SHOWING CLAIMANTS WITH REGARD TO RIGHT OF WAY FOR PROJECT S 0143(1) & S 0153(2)

0 400 800 1200

SCALE IN FEET

Sheet 1 of 2 Sheets

Thomas J. & Elizabeth Porter
N½, NW¼ Sec. 16

T.V. & Yvonne Rogers
NE¼ Sec. 17

Montezuma Valley Irrigation Co.
Part of NW¼ NE¼ Sec. 17

Blue Robinson
N½ NW¼ Sec. 17

C. Torres
NE¼ NE¼ Sec. 18
& SE¼ SE¼ Sec. 7
South of Highway No. 147

Nevie Johnson Nee Ritter
Part of NW¼ NE¼

James Hammond
Part of NW¼ NE¼

TOWN OF DOLORES
NW¼ NE¼ Sec. 16

Hicks Odom
S½ SE¼ Sec. 8

Blue Robinson
S½ SW¼ Sec. 8
and NE¼ NW¼ North
and East of the Dolores River

John W. Ritter
SE¼ SE¼ Sec. 7 and
all North of Highway No.
147 in NE¼ NE¼ Sec. 18

Dolores River

Highway No. 147

Present Road

Central Ave.

To Lewis

To Cortez

Equiv. 92+42.1 Ah.
Back 38+22.5 Ec.

Sta. 104+03.6

OWNERSHIP MAP
PLAT
SHOWING CLAIMANTS WITH REGARD TO RIGHT OF WAY FOR PROJECT S0153(1)

SCALE 1" = 400'

S0153 (1) - Dolores - East

COLORADO
Department of Transportation

DOCUMENT SEPARATOR SHEET

REGION 5 – JUNE 2017 CONVERSION

To be placed at the beginning of each separator sheet.

r500001395

Description:
ROW Plans 24X36

Route # and Mile Points:
SH 184

Originating Office:

ROW/Survey

File Name:
S 0153(1)_ROW(.PDF)

Box Location:

23 (TUBE-21)of 38

For assistance, or to request changes to this form,
please email helpdesk@msimaging.com.

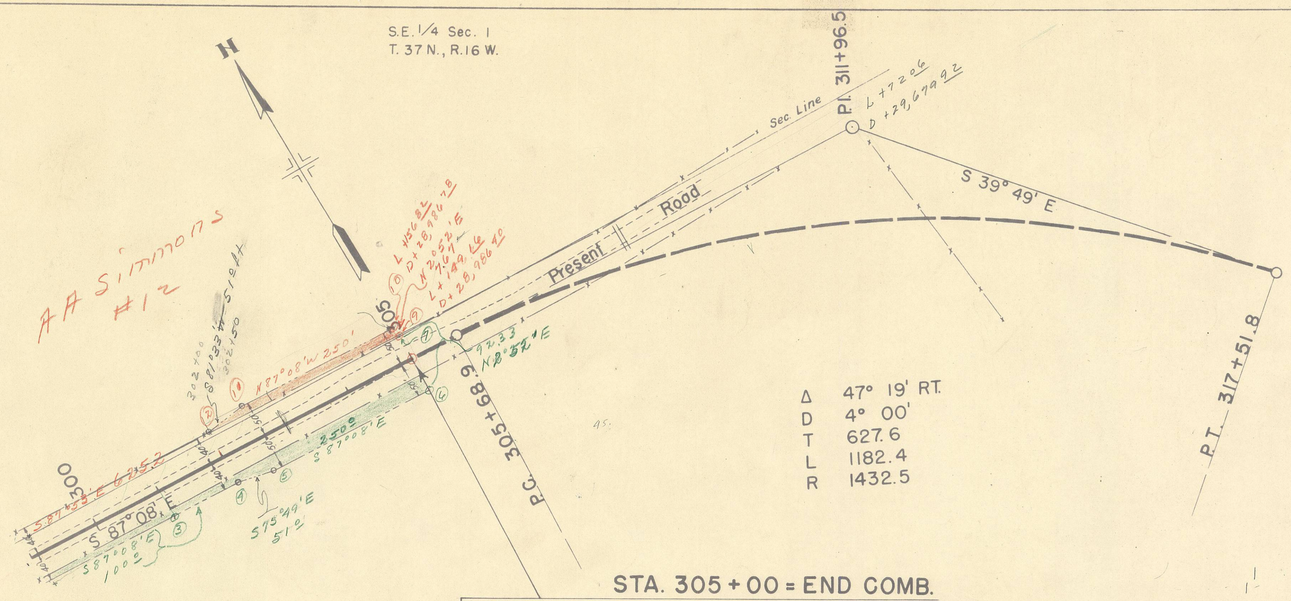
MOUNTAIN STATES IMAGING

S01530

FED. ROAD DIST. NO.	STATE	COMB. F.A.S. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0153 (1) S 0156 (1)	13	

RIGHT OF WAY

S.E. 1/4 Sec. 1
T. 37 N., R. 16 W.

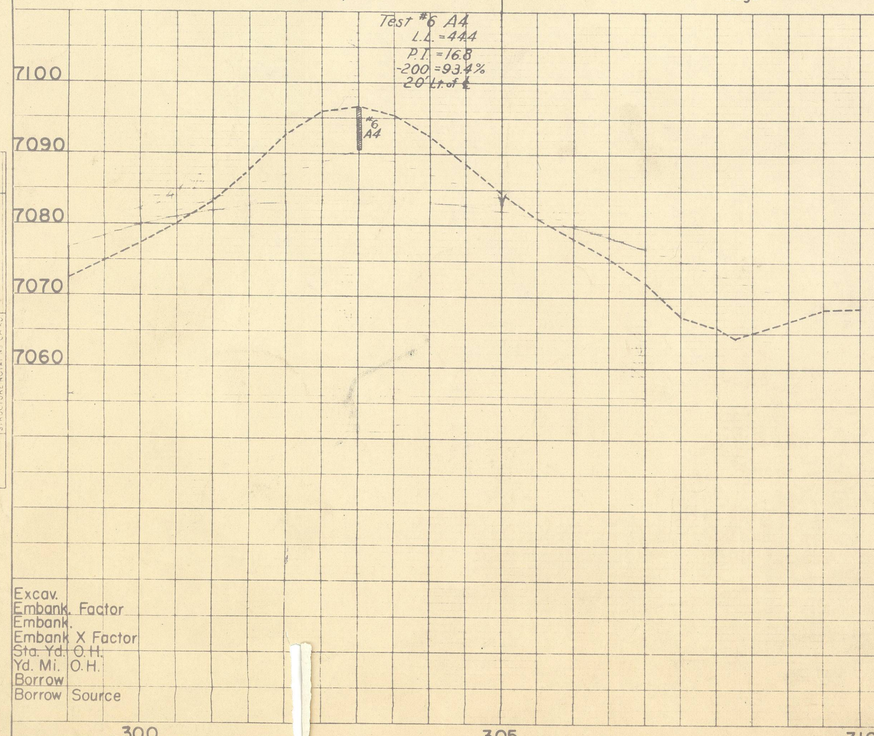


STA. 305 + 00 = END COMB.
F.A.S. S0153(1) & S0156(1).

N.E. 1/4 Sec. 12
T. 37 N., R. 16 W.

CLEARING & GRUBBING

Sta. 300 + 00 to 305 + 00 - Scattered Sage



Excav.
Embank. Factor
Embank.
Embank X Factor
Sta. Yd. O.H.
Yd. Mi. O.H.
Borrow
Borrow Source

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, P. OF PAR CHECKED, NOTE BOOK, NO., DATE

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, NOTE BOOK, NO., STRUCTURE NO. & STA. N. OF ℄, BY, DATE

PLATE 1 — PLAN - PROFILE O P R R E PRECISE
CHARLES BRUNING COMPANY, INC.

R.O.W. TABULATION OF PROPERTIES IN MONTEZUMA COUNTY S.H. No. 147 PROJ. S 0153 (1) S 0156 (1)

FED. ROAD DIST. NO.	STATE	COMB. F.A.S. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0153 (1) S 0156 (1)	2	

RIGHT OF WAY

PARCEL NO.	OWNER	ADDRESS	LOCATION	AREA IN ACRES			ASSESSED VALUATIONS				REMARKS	NO.
				TOTAL LAND	PARCEL	TO BE ACQUIRED	TOTAL LAND	PER ACRE	PARCEL	IMP'S.		
		T. 37 N., R. 16 W.	T. 37 N., R. 16 W.									
		N½ NW¼ Sec. 7	N. ½ Sec. 7									
1											Acquired - Book No. 110 Page No. 145 & 141	1
			S. ½ N.W ¼ Sec. 8									
2											Acquired - Book No. 110 Page No. 145	2
3	State of Colorado (Sta. 81+ to 94+) State Land Board	Denver, Colorado	S.W ¼ N.E. ¼; Sec. 8		2.618	0.811					No assessed valuation on record	3
			N.E. ¼ Sec. 8 & NW ¼ N.W. ¼ Sec. 9									
4	(Sta. 94 + to 123 +)										Easement granted across dam by Montezuma Valley Irrigation Co. Sta. 91+ to Sta. 123+	4
5	George Thomas Moore (Sta. 123+ to 129+)	Route No. 2, Dolores, Colo.	SW ¼ NE ¼ NW ¼ Sec. 9	35. 15. Farm land 7. " " 13 " "	1.539	1.095	$425. $190. 210. 25.	$12.67 30.00 1.92	$0.85	$100.	Assessed valuation 15 acres dry land $90, 7 acres dry land $210., 13 acres land $25. Right of way to be acquired ~ 1.095 acres valued at $1.92 per acre.	5
5A	V. Bayringer (Sta. 129+50 to 136+15)	Cortez, Colo.	SE ¼ NE ¼ NW ¼ Sec. 9	10.	1.412	1.130	$120.	$12.00	$13.56			5A
6	J. T. Gardner (Sta. 136+15 to Sta. 161+75)	Cortez, Colo.	N½ NE ¼ Sec. 9	80.	5.289	4.013	$240.	$3.00	$12.04			6
6A	S. Retherford (Sta. 161+75 to Sta. 164+25)	Cortez, Colo.	NW ¼ NW ¼ Sec. 10	40.	0.278	0.047	$120	$3.00	$0.14			6A
7	Melvin J. Adams (Sta. 164+25 to 184+75)	Blanding, Utah	S½ SW ¼ Sec. 3	763.	5.061	2.850	$1690.	$2.22	$6.33			7
8	Harry L. Uptain (Sta. 184+75 to 243+)	Route No. 2, Dolores, Colo.	S½ SW ¼ & NW ¼ SW ¼ Sec. 2. S½ SE ¼ & NE ¼ SE ¼ Sec. 3	400. 35 Farm land 125 Grazing 240 Grazing land	11.944	3.788	$1871. 440.00 575.00 $ 44.00	$12.57 4.60 3.60	$23.43	$200.	Assessed valuation 35 acres farm land $440, ~~35 acres farm land $440~~, 125 acres grazing land $575., 240 acres grazing land $864. Right of way to be acquired ~ 0.753 acres valued at $12.57 per acre $3.035, valued at $4.60 per acre	8
9	A.E. Hamilton (Sta. 243+ to 272+)	Route No. 2, Dolores, Colo	S½ SE ¼ Sec. 2	110. 50. Grazing 60. Farm land	4.987	3.694	$5475. 75.00 5400.00	$1.50 90.00	$5.54	$900.	Assessed valuation 50 acres grazing land $75., 60 acres farm land $5400. Right of way to be acquired 3.694 acres valued at $1.50 per acre.	9
10	Ella Ward Sylvester (Sta. 262+75 to 272+)	Cortez, Colo.	NE ¼ NE ¼ Sec. 11	320. 40. Farm land 100. Grazing 180. Grazing	0.422	0.185	$1070. 500. 300. 270.	12.50 3.00 1.50	$0.28	$100.	Assessed valuation 40 acres farm land $500, 100 acres grazing land $300, 180 acres grazing land $270. Right of way to be acquired ~ 0.185 acres valued at $1.50 per acre.	10
11	W. M. CONOLEY (Sta. 272+ North side to 288+75)	Cortez, Colo.	S½ SW ¼ Sec. 1	160. 75. Farm land 75. Grazing 10. Grazing	1.552	0.680	$1230. 940. 275. 15.	12.53 3.67 1.50	$2.50	$300.	Assessed valuation 75 acres farm land $940, 75 acres grazing land $275, 10 acres grazing land $15. Right of way to be acquired ~ 0.680 acres valued at $3.67 per acre.	11
12	A. A. Simmons (Sta 272+ South side to 283+00) (Sta. 284+ North side to 305+)	Cortez, Colo.	N½ NW ¼ Sec. 12 & SW ¼ SE ¼ Sec. 1	160. 80. Grazing land 80. " land	3.910	0.464	$1320. 1000. 320.	12.50 4.00	$1.86	$400.	Assessed valuation 80 acres land $1000, 80 acres land $320. Right of way to be acquired ~ 0.464 acres valued at $4.00 per acre.	12
13	Public Domain, U.S. Government (South side Sta. 288+75 to 305+)		NW ¼ NE ¼ Sec. 12		1.190	0.200					No assessed valuation on record	13

COLORADO
Department of Transportation

DOCUMENT SEPARATOR SHEET

REGION 5 – JUNE 2017 CONVERSION

To be placed at the beginning of each separator sheet.

r500001395

Description:
ROW Plans 24X36

Route # and Mile Points:
SH 184

Originating Office:

ROW/Survey

File Name:
S 0153(1)_ROW(.PDF)

Box Location:

23 (TUBE-21)of 38

For assistance, or to request changes to this form,
please email helpdesk@msimaging.com.

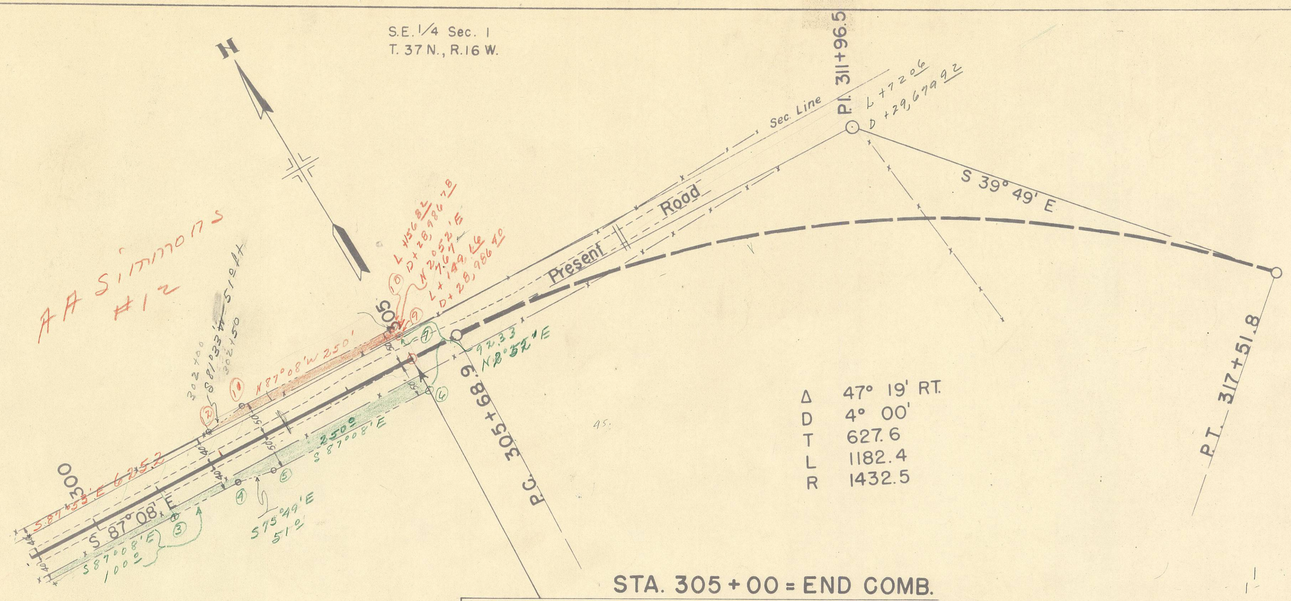
MOUNTAIN STATES IMAGING

S01530

FED. ROAD DIST. NO.	STATE	COMB. F.A.S. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0153 (1) S 0156 (1)	13	

RIGHT OF WAY

S.E. 1/4 Sec. 1
T. 37 N., R. 16 W.

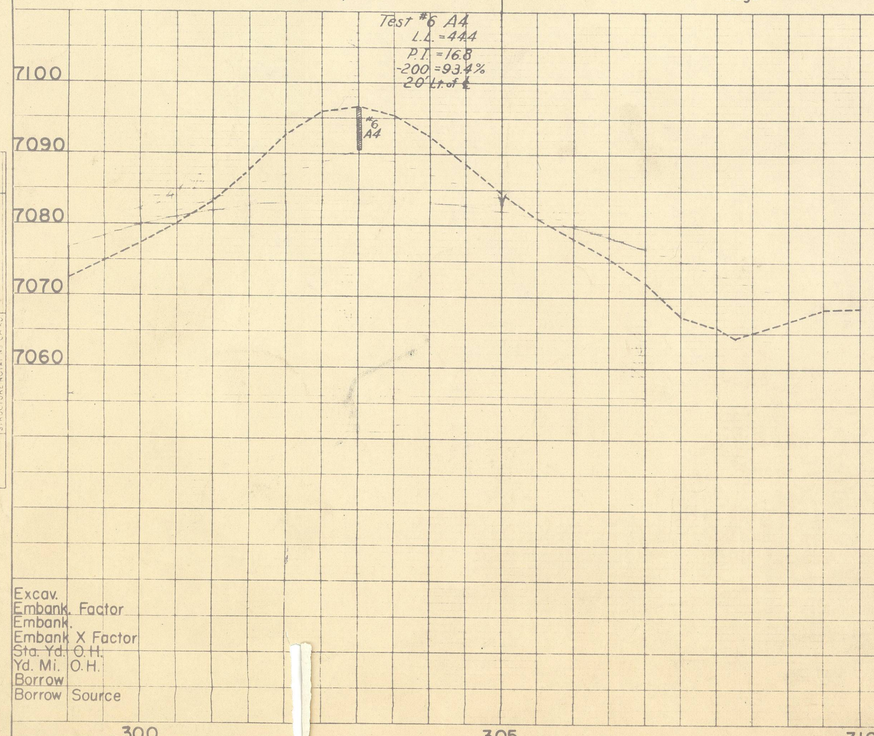


STA. 305 + 00 = END COMB.
F.A.S. S0153(1) & S0156(1).

N.E. 1/4 Sec. 12
T. 37 N., R. 16 W.

CLEARING & GRUBBING

Sta. 300 + 00 to 305 + 00 - Scattered Sage



Excav.
Embank. Factor
Embank.
Embank X Factor
Sta. Yd. O.H.
Yd. Mi. O.H.
Borrow
Borrow Source

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, P. OF PAR CHECKED, NOTE BOOK, NO., DATE

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, NOTE BOOK, NO., STRUCTURE NO. & STA. N. OF ℄, BY, DATE

PLATE 1 — PLAN - PROFILE O P R R E PRECISE
CHARLES BRUNING COMPANY, INC.

R.O.W. TABULATION OF PROPERTIES IN MONTEZUMA COUNTY S.H. No. 147 PROJ. S 0153 (1) S 0156 (1)

FED. ROAD DIST. NO.	STATE	COMB. F.A.S. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0153 (1) S 0156 (1)	2	

RIGHT OF WAY

PARCEL NO.	OWNER	ADDRESS	LOCATION	AREA IN ACRES			ASSESSED VALUATIONS				REMARKS	NO.
				TOTAL LAND	PARCEL	TO BE ACQUIRED	TOTAL LAND	PER ACRE	PARCEL	IMP'S.		
		T. 37 N., R. 16 W.	T. 37 N., R. 16 W.									
		N½ NW¼ Sec. 7	N. ½ Sec. 7									
1											Acquired - Book No. 110 Page No. 145 & 141	1
			S. ½ N.W ¼ Sec. 8									
2											Acquired - Book No. 110 Page No. 145	2
3	State of Colorado (Sta. 81+ to 94+) State Land Board	Denver, Colorado	S.W ¼ N.E. ¼; Sec. 8		2.618	0.811					No assessed valuation on record	3
			N.E. ¼ Sec. 8 & NW ¼ N.W. ¼ Sec. 9									
4	(Sta. 94 + to 123 +)										Easement granted across dam by Montezuma Valley Irrigation Co. Sta. 91+ to Sta. 123+	4
5	George Thomas Moore (Sta. 123+ to 129+)	Route No. 2, Dolores, Colo.	SW ¼ NE ¼ NW ¼ Sec. 9	35. 15. Farm land 7. " " 13 " "	1.539	1.095	$425. $190. 210. 25.	$12.67 30.00 1.92	$0.85	$100.	Assessed valuation 15 acres dry land $90, 7 acres dry land $210., 13 acres land $25. Right of way to be acquired ~ 1.095 acres valued at $1.92 per acre.	5
5A	V. Bayringer (Sta. 129+50 to 136+15)	Cortez, Colo.	SE ¼ NE ¼ NW ¼ Sec. 9	10.	1.412	1.130	$120.	$12.00	$13.56			5A
6	J. T. Gardner (Sta. 136+15 to Sta. 161+75)	Cortez, Colo.	N½ NE ¼ Sec. 9	80.	5.289	4.013	$240.	$3.00	$12.04			6
6A	S. Retherford (Sta. 161+75 to Sta. 164+25)	Cortez, Colo.	NW ¼ NW ¼ Sec. 10	40.	0.278	0.047	$120	$3.00	$0.14			6A
7	Melvin J. Adams (Sta. 164+25 to 184+75)	Blanding, Utah	S½ SW ¼ Sec. 3	763.	5.061	2.850	$1690.	$2.22	$6.33			7
8	Harry L. Uptain (Sta. 184+75 to 243+)	Route No. 2, Dolores, Colo.	S½ SW ¼ & NW ¼ SW ¼ Sec. 2. S½ SE ¼ & NE ¼ SE ¼ Sec. 3	400. 35 Farm land 125 Grazing 240 Grazing land	11.944	3.788	$1871. 440.00 575.00 $ 44.00	$12.57 4.60 3.60	$23.43	$200.	Assessed valuation 35 acres farm land $440, ~~35 acres farm land $440~~, 125 acres grazing land $575., 240 acres grazing land $864. Right of way to be acquired ~ 0.753 acres valued at $12.57 per acre $3.035, valued at $4.60 per acre	8
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10	Ella Ward Sylvester (Sta. 262+75 to 272+)	Cortez, Colo.	NE ¼ NE ¼ Sec. 11	320. 40. Farm land 100. Grazing 180. Grazing	0.422	0.185	$1070. 500. 300. 270.	12.50 3.00 1.50	$0.28	$100.	Assessed valuation 40 acres farm land $500, 100 acres grazing land $300, 180 acres grazing land $270. Right of way to be acquired ~ 0.185 acres valued at $1.50 per acre.	10
11	W. M. CONOLEY (Sta. 272+ North side to 288+75)	Cortez, Colo.	S½ SW ¼ Sec. 1	160. 75. Farm land 75. Grazing 10. Grazing	1.552	0.680	$1230. 940. 275. 15.	12.53 3.67 1.50	$2.50	$300.	Assessed valuation 75 acres farm land $940, 75 acres grazing land $275, 10 acres grazing land $15. Right of way to be acquired ~ 0.680 acres valued at $3.67 per acre.	11
12	A. A. Simmons (Sta 272+ South side to 283+00) (Sta. 284+ North side to 305+)	Cortez, Colo.	N½ NW ¼ Sec. 12 & SW ¼ SE ¼ Sec. 1	160. 80. Grazing land 80. " land	3.910	0.464	$1320. 1000. 320.	12.50 4.00	$1.86	$400.	Assessed valuation 80 acres land $1000, 80 acres land $320. Right of way to be acquired ~ 0.464 acres valued at $4.00 per acre.	12
13	Public Domain, U.S. Government (South side Sta. 288+75 to 305+)		NW ¼ NE ¼ Sec. 12		1.190	0.200					No assessed valuation on record	13

COLORADO
Department of Transportation

DOCUMENT SEPARATOR SHEET

REGION 5 – JUNE 2017 CONVERSION

To be placed at the beginning of each separator sheet.

r500001701

Description:
ROW Plans 11X17

Route # and Mile Points:
SH 145

Originating Office:
ROW/Survey

File Name:
S 0153(1)_ROW(.PDF)

Box Location:
27 of 38

For assistance, or to request changes to this form,
please email helpdesk@msimaging.com.

MOUNTAIN STATES IMAGING

FED. ROAD DIST. NO.	STATE	COMB. PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S0153(1) & S0156(2)	1	

RIGHT OF WAY

COLORADO
STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED

COMB. FED. AID SECONDARY PROJ. NO. S0153(1) & S0156(2)
STATE HIGHWAY NO. 145 & 147
MONTEZUMA COUNTY

INDEX OF SHEETS

SHEET NO. 1 TITLE SHEET.
2 TABULATION OF PROPERTIES.
3-12 PLAN AND PROFILE SHEETS SHOWING RIGHT OF WAY
13-14 OWNERSHIP MAP

CONVENTIONAL SIGNS

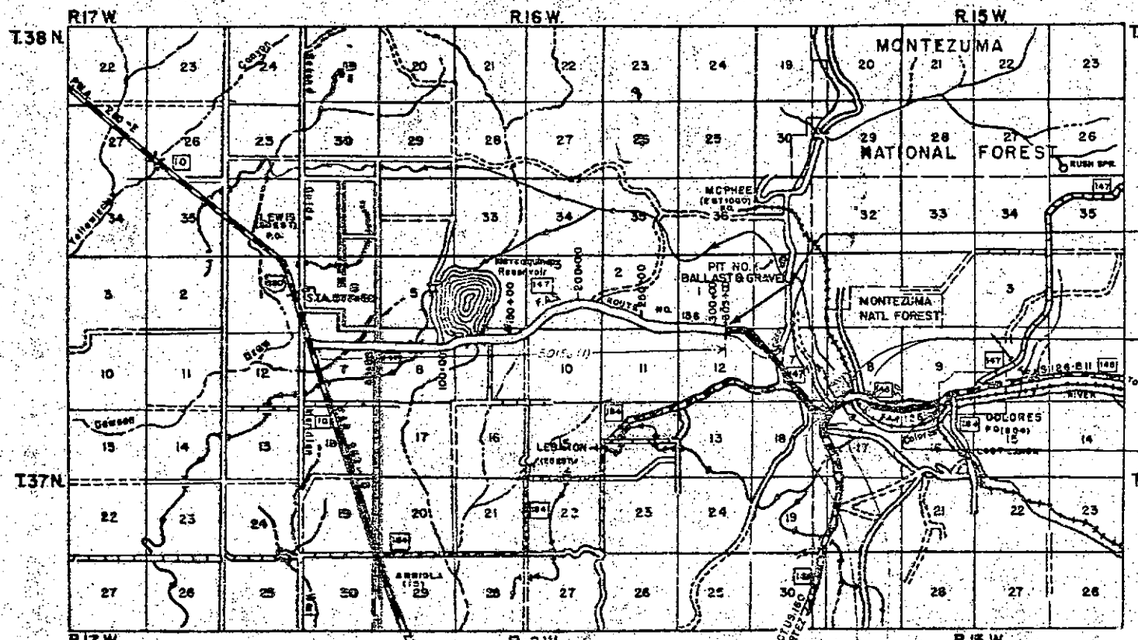
CENTER LINE OF SURVEY
RIGHT OF WAY LINES
COUNTY LINE
TOWNSHIP LINES
SECTION LINES
ONE QUARTER SECTION LINES
BARBED WIRE FENCE
COMBINATION WIRE FENCE
CHICKEN WIRE FENCE
TELEPHONE LINE
POWER LINE

SCALES

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



RECEIVED
DIST. 5-DURANGO
MAR 20 1986

RECEIVED
DIST. 5-DURANGO
MAR 20 1986

R.O.W. TABULATION OF PROPERTIES IN MONTEZUMA COUNTY

S.H. No. 145 & 147 COMB. PROJ. S 0153 (1) & S 0156 (2)

FED. ROAD DIST. NO.	STATE	COMB. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S0153 (1) & S0156 (2)	2	

RIGHT OF WAY

PARCEL NO.	OWNER	ADDRESS	LOCATION	AREA IN ACRES			ASSESSED VALUATIONS				REMARKS	RC
				TOTAL LAND	PARCEL	TO BE ACQUIRED	TOTAL LAND	PER ACRE	PARCEL	IMP'S.		
			T. 37 N., R. 15 W., N.M.P.M.									
PROJECT S 0153 (1) (Outside Dolores)												
1	Navie Johnson Nee Ritter	Dolores, Colorado	NW 1/4 NE 1/4 Sec. 16	0.75	0.0194	0.0194					Acquired,	1
2	James Hammond	Dolores, Colorado	NW 1/4 NE 1/4 Sec. 16	5.00	0.2505	0.2505					Acquired, Book No. 137, Page 65, December 18, 1948	2
3	Thomas J. & Elizabeth Porter	Dolores, Colorado	NW 1/4 Sec. 16	71.00	6.5518	6.0284					Acquired, Book No. 137, Page 69, December 18, 1948	3
4	R.V. & Yvonne Rogers	Route No. 1, Dolores, Colorado	NE 1/4 Sec. 17	145.00	3.8653	2.4226					Acquired, Book No. 137, Page 77, December 18, 1948 Revision Acquired, Book No. 137, Page 123, March 28, 1949	4
5	Blue Robinson	Route No. 1, Dolores, Colorado	SW 1/4 Sec. 8	228.00	3.073	2.383					Acquired, Book No. 137, Page 75, December 18, 1948	5
5A	Blue Robinson	" " " "	NW 1/4 Sec. 17		3.191	1.936					Acquired, Book No. 137, Page 83, December 18, 1948	5
6	C. Tories	Star Route No. 1, Dolores, Colorado	NE 1/4 Sec. 18	170.00	0.268	0.035						
7	Montezuma Valley Irrigation Company	Cortez, Colorado	NE 1/4 Sec. 17	12.80	2.3579	2.0690					Acquired, Book No. 137, Page 111, March 10, 1949 (In "No Work Section")	7
8	Blue Robinson		SE 1/4 Sec. 8	1.00	0.1710	0.1710					Acquired, Book No. 140, Page 289, March 28, 1949 (In "No Work Section")	8
PROJECT S 0156 (2)												
1	Blue Robinson	Route No. 1, Dolores, Colorado	NW 1/4 Sec. 17	228.00	0.878	0.512					Acquired, Book No. 137, Page 73, December 18, 1948	1
2	C. Tories	Star Route No. 1, Dolores, Colorado	SE 1/4 Sec. 7 & NE 1/4 Sec. 18	170.00	2.001	0.187					Acquired, Book No. 137, Page 85, December 18, 1948	2
3	John W. Ritter	Mancos, Colorado	S 1/2 Sec. 7 & NE 1/4 Sec. 18	297.00	9.790	7.900					Acquired, Book No. 137, Page 71, December 18, 1948	3
4	John R. James	Dolores, Colorado	NW 1/4 Sec. 7	131.00	1.1390	0.8739					Acquired, Book No. 137, Page 67, December 18, 1948	4
5	John R. James	Dolores, Colorado	SE 1/4 NW 1/4 Sec. 7	191.00	0.0321	0.0029					Acquired, Book No. 137, Page 79, December 18, 1948	5
6	Hicks Odom	Star Route No. 2, Dolores, Colorado	NW 1/4 Sec. 7	65.00	0.0978	0.0519					Acquired, Book No. 137, Page 61, December 18, 1948	6
7	Herbert & Rita Grey	Star Route No. 2, Dolores, Colorado	NW 1/4 Sec. 7	65.00	4.5205	4.5064					Acquired, Book No. 137, Page 61, December 18, 1948	7
			T. 37 N., R. 16 W., N.M.P.M.									
8	W.E. & A.E. Hamilton	Star Route No. 2, Dolores, Colorado	NE 1/4 Sec. 12	135.00	4.0586	3.2735					Acquired, Book No. 137, Page 63, December 18, 1948	8
9	Public Domain, United States Government		NE 1/4 Sec. 12		0.8458	0.6465						9
10	A. A. Simmons	Cortez, Colorado	SE 1/4 Sec. 1	80.00	0.0680	0.0680					Acquired, Book No. 137, Page 81, December 18, 1948	10

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0153(1)	3	

RIGHT OF WAY

Riverside Avenue

R.G.S. R.R.

N

Central Avenue

1st Street

2nd Street

Concrete Walk

Fire Plug

Tel. Pole

Houses

Frame Bldgs.

City Light 405

Orchard

Driveway Gate

Walk Gate

Cone Walk

Lilac Bushes

Irrigation Ditch

Headgate in Place

Mesa Road

Water Cut-on Valve

No. DCL 339

Δ=20°54' Lt
D=10°00' (Proj. Curve)
T=105.7'
L=209.0'
R=573.0'

P.C. Z+98.2 (Proj.)

P.T. (Bk.) (Ah.)

S 79°16' W.

S 58°22' W.

S 77°13' W.

Begin S 0153(1) Sta. 6+06.1

P.I. 9+01.9

Projected Line to be Constructed

P.T. 10+05.2 Bk. (Proj.)
Equation
10+07.6 Ah. (Proj.)

P.I. 18+80.4

P.C. 15+00

Δ 18°51' RT.
D 2°30'
T 380.4
L 754.0
R 2292.0

P.T. 22+34.0

Dolores City Limits
S. 0°11' E.

West

T. 37 N.
R. 15 W.
Sec. 16
Sec. 9

NW¼, NE¼

NE¼, NW¼

SW¼, SE¼

Sec. 24 Sec. 25 Sec. 29

6930
6920
6910

0 5 10 15 20 25

PLATE 1-PLAN-PROFILE S. P. R. STANDARD

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
R.R. X-INGS
STRUCTURE NOTATIONS
DATE
BY
NOTE BOOK
NO.

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

MICRO

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0153(1)	4	

RIGHT OF WAY

NW¼, NE¼

(1) Navie Johnson Nee Ritter, Dolores, Colo.

(2) NE¼, NW¼ James Hammond Dolores, Colo.

(3) Thomas J. & Elizebeth Porter Dolores, Colorado

NW¼, NW¼

SW¼, SE¼

DOLORES

Sta. 16+80.4

Driveway gate
Walk gate N63°35'E
Concrete walk 163.1'
& Lilac bushes
S67°27'W 2590'
S67°00'W 1374'
S72°52'W.
S.73°11'W. 120.0'
S.18°18'E.
S.20°28'E.
55.0
2.5
House
Orchard
Frame Bldgs.
City Hgt 4.05
Conc. Walk
Irrigation
Headgate in Place
Ditch
Present Road
S.58°22'W.
575.7'
S.77°13'W.
N86°22'W. 2602.5' To Sec. Cor. #283
N84°35'W. 2452.2' To Sec. Cor. #283
Barn Yard Lt. & Rt. Sta. 29+84-30+50
12' Board gate
Shed
Barn
gate
To Houses
795.0'
Ditch
Sta. 32+27.8
P.I.
N
35
1040.3'
S. 85°10'W.
Irrigation
Ditch
Sta. 43+50
Present Road
Cemetery
N.3°33'E.
595.7 feet
S.0°18'W.
West

Δ 18°51'RT.
D 2°30'
T 380.4
L 754.0
R 2292.0
P.C. 15+00
P.T. 22+54.0
Dolores City Limits S.0°11'E.
20+29.3

Δ 7°57'RT.
D 1°00'
T 398.1
L 795.0'
R 5730'
P.C. 28+29.7
P.T. 36+24.7

CLEARING & GRUBBING
HEAVY OAK BRUSH RIGHT
OF DITCH STA. 16+15-23+50

CLEARING & GRUBBING
LIGHT WILLOWS ALONG
DITCH STA. 30+00-31+00

CLEARING & GRUBBING
LIGHT WILLOWS ALONG
DITCH STA. 38+00-46+00

PROFILE
NOTE BOOK
SURVEYED
PLOTTED
CROSS CHECKED
DATE
ENGR. OR SURVEYOR IN CHARGE
PLAN
NOTE BOOK
DATE
BY
ST. OF WAY CHECKED

6930
6920
6910
6900

200' V.C.
+0.10%
-0.80%
+0.65%
-0.20%
400' V.C.
300' V.C.

15 20 25 30 35 40 45

PLATE I-PLAN-PROFILE

MICRO

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S0153(1)	5	

(7) RIGHT OF WAY
Montezuma Valley Irrigation Company
Cortez, Colorado

NO WORK SECTION STA. 64+00 TO STA. 71+00

NE¼, NE¼ — NW¼, NE¼ — NE¼, NW¼ — NW¼, NW¼ — SW¼, SE¼ — SE¼, SW¼

Blue Robinson
Route No. 1
Dolores, Colorado

R.V. and Yvonne Rogers
Route No. 1
Dolores, Colorado

Blue Robinson
Dolores, Colo.

T. 37 N.
R. 15 W.

Irrigation Ditch — Present Road — Irrigation Ditch — Road — DOLORES RIVER — Gravel pit — Bridge

PI 60+98.47 — PCS 58+61.1 — PCS 59+27.3 — PCS 61+99.0 — PCS 65+99.0

Δ 10°30'RT
LS 350.0
VC 233.75
117.04

Δ 13°18'RT
D 6°00'
T 114.4
L 221.67
R 955.0

Δ 10°30'RT
LS 350.0
VC 233.75
117.04

CLEARING & GRUBBING
STA. 53+00-63+50
10% WILLOWS

CLEARING & GRUBBING
STA. 63+50-70+60
70% WILLOWS-5% COTTONWOOD

CLEARING & GRUBBING
STA. 72+00-74+00
20% WILLOWS-8 LARGE COTTONWOODS

6920
6910
6900
6890
6880

45 50 55 60 65 70 75

PLATE I-PLAN-PROFILE

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
8	COLO.	S 015301	6	

RIGHT OF WAY

NE¼, N.W.¼

S.E¼, SW.¼

N.W¼, N.W.¼ Sec.17
T.37N., R.15 W.

S.W.¼, S.W¼ Sec.8
T.37N., R.15 W.

STA. 98+01.8 630.8' to Sec. Corner West

Dolores River

BRIDGE

PRIVATE TELEPHONE LINE

PRESENT ROAD

OLD BRIDGE

Canal

PROJ. LINE
Δ=20°30' Lt.
D= 4°00'
T= 259.03'
L= 512.5'
R=1432.5'

SURVEYED LINE
Δ= 11°05' Lt.
La= 350'
Lt= 233.8'
St= 117.1'

PROJ. LINE
Δ=47°54' Lt.
D= 9°00'
T= 282.8'
L= 532.5'
R= 636.7'

SURVEYED LINE
Δc= 66°44' Lt.
Dc= 6°20'
Tc= 595.8'
Lc=1053.69'
Rc= 904.7'

Δ = 88°54' Lt.
Ts=1072.5'

PROJ. LINE
Δ=20°30' Lt.
D= 6°00'
T= 172.68'
L= 341.67'
R= 955.0'

SURVEYED LINE
Δ= 11°05' Lt.
La= 350'
Lt= 233.8'
St= 117.1'

P.S. 80+89.4
PROJ. P.C. 81+50.1
P.S.C. 84+39.4
PROJ. BT. 88+72.6
PROJ. P.C. 86+83.3
PROJ. BT. 92+15.5
PROJ. P.C. 94+14.0
P.O.S. 94+93.1
PST. 98+43.1 AH=
P.S.T. 98+53.6 BK
P.I.S. 96+10.2
PROJ. P.I. 95+86.7
P.I.S. 83+23.2
PROJ. P.I. 84+19.1
PROJ. P.I. 89+66.1
P.I. 91+61.9

N 80°32' W 702.4'
S 30°34' W
N 81°02' W 532.7'
S 51°04' W
583.2'
198.5'
341.7'
46.1'

PROJECTED LINE TO BE CONSTRUCTED

(5) (5A)

Blue Robinson
Route No. 1
Dolores, Colorado

CLEARING & GRUBBING STA. 80+00 - 82+00
5 BLACKWALNUT TREES

CLEARING & GRUBBING STA. 89+00 - 90+00
WILLOWS ALONG CANAL

6940
6930
6920
6910
6900
6890
6880

75 80 85 90 95 100 105

-0.40%
+1.50%
650' VC
30'
EQUATION
PROFILE GRADE

PLATE 1-PLAN-PROFILE B. P. R. STANDARD

PLAN: DATE, SURVEYED, PLOTTED, NOTE BOOK, NO.

PROFILE: DATE, SURVEYED, PLOTTED, CLASS OF SURFACE, NOTE BOOK, NO., STRUCTURE NOTATION CK'D

OFFICIAL ROAD

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S0153(1) & S0156(2)	7	

RIGHT OF WAY

NW¼, NW¼ Sec.17
T37N, R15W

Blue Robinson
Route No. 1
Dolores, Colorado

5A S0153(1) 1 S0156(2)

CONSTRUCTED LINE
Δ 10°00'
D = 500.0'
L.T. 333.0'
S.T. 167.2

SURVEYED LINE
Δ = 20°48' Lt.
D = 3°00'
T = 350.6'
L = 693.6'
R = 1910.0'
Chord N 21°16' E. 690.7'

PROJ. LINE
Δ = 15°16' Lt.
D = 4°00'
T = 191.96'
L = 381.67'
R = 1432.50'

PROJ. P.I. 113+37.06 EQUATION AHEAD

CONSTRUCTED LINE
Δ 23°01' Lt.
D = 4°00'
L.T. 291.7
S.T. 145.4
R 1432.5
T₂ 817.1'

STA. 112+00 = END S0153(1)
AS CONSTRUCTED

6
C. Tories
Star Route No. 1
Dolores, Colorado

PROJ. LINE
Δ = 20°30' Lt.
D = 6°00'
T = 172.68'
L = 341.67'
R = 955.0'

SURVEYED LINE
Δ = 11°05' Lt.
Ls = 350.0'
L.T. = 233.8'
S.T. = 117.1'

PROJ. P.I. 92+18.5
PROJ. P.C. 84+14.0
P.C.S. 91+93.1
P.T. 97+52.7
STA. 97+72.3 BK. of WASH.
P.S.T. 98+53.8
P.S.T. 98+74.3

N. 30°34' E. 796.2'
S. 30°34' W. 300.3'
STA. 407+48.4 = END S 0156(2)
OPPOSITE STA. 104+05.6 on S0153(1)
S. 30°34' W. 470.5'
TO DOLORES
TO CORTEZ
Chord S. 26°54' W. 376.8'
Chord S. 26°54' W. 89.2'
Rt. STA. on Spiral Begin Parcel No. 6 N. 0°20' W. 1007.1' to Sec. Corner
P.I. 108+65.6
PROJECTED LINE TO BE CONSTRUCTED
CONST. PLAN LOAD 9.1
SEPOLE 1612
STA. 110+74.7 1120.1' to Sec. Corner
STA. 404+39.3
S. 0°20' E.
S. 0°51' E. 1405.0'
N. 0°20' W. 1108.5'
N. 89°39' E. 1320.0'
STA. 403+97.5 Begin Parcel No. 1 N. 0°20' W. 341.9' to Sec. Corner
STA. 403+55.6 Begin Parcel No. 2 West 855.3' to Sec. Corner
STA. 98+40.2 Begin Parcel 8A West 855.3' to Sec. Corner
S. 89°39' E. 1320.0'
S. 0°18' W. 660.8' to Sec. corner
PROJ. P.I. 99+86.7
P.I.S. 98+10.2
OLD BRIDGE
PRIVATE ROAD
WEST
SURVEYED
PLOTTED
CROSS CHECKED
B.M.'s NOTED
STRUCTURE SHEETS NOTED
PLAN
PROFILE
NOTE BOOK
NO.

SH 184

N.E¼, NE¼ Sec.18
T.37N. R15W.

CLEARING & GRUBBING STA. 91+00 – 100+00
35% OAKBRUSH & PINION.

6950 6940 6930 6920 6910 6900 6890 6880
6990 6980 6970 6960 6950 6940 6930
90 95 100 105 110 115
P.I. 6882.62
2.60%
1.40%
2.01%
N 25°W

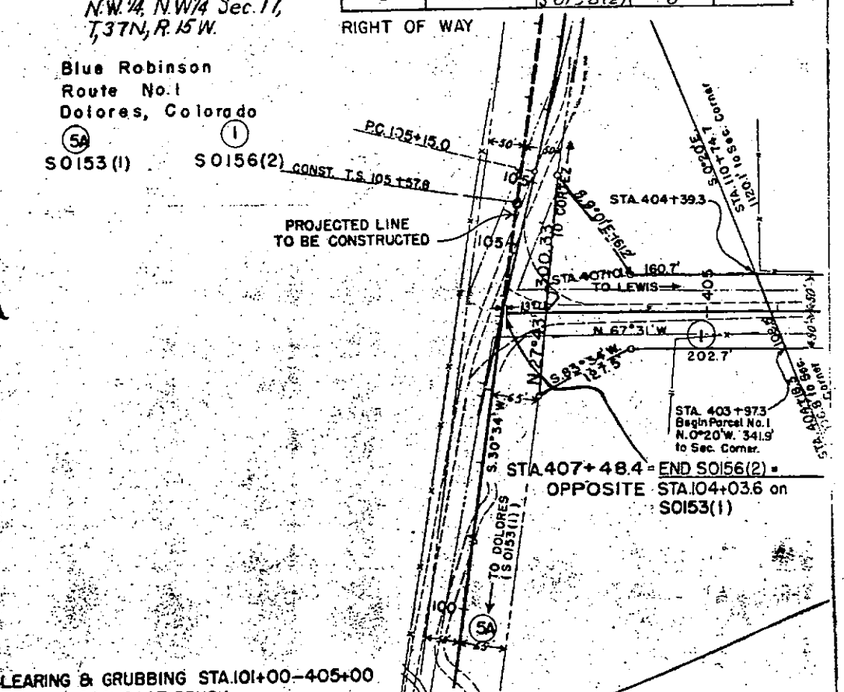
PLATE I-PLAN-PROFILE U. S. P. R. STANDARD

FED. ROAD DIST. NO.	STATE	CCSB. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S0153(1) S0156(2)	8	

N.W.¼, N.W.¼ Sec. 17, T.37N., R.15W.

Blue Robinson
Route No.1
Dolores, Colorado

(5A) S0153(1) (1) S0156(2)



CLEARING & GRUBBING STA. 101+00–405+00
20% SAGE BRUSH

PLATE 1—PLAN-PROFILE, B. P. R. STANDARD

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0156(2)	9	

RIGHT OF WAY

NE¼, NE¼
(2) C. Tories
Star Route No. 1
Dolores, Colorado

NW¼, NW¼
(1) Blue Robinson
Route No. 1
Dolores, Colorado

SE¼, SE¼
(3) John W. Ritter
Mancos, Colorado

SW¼, SE¼

STA. 404+393
STA. 403+973
S.58°34'E. 420.0'
S.0°25'E. 1939.8'
N.58°25'E. 451 feet
S.89°51'W.
N.0°16'E. 2951.8'
N.73°58'W. 520.39'
N.67°31'W. 1829.4'
N64°50'W 399.66'
N55°29'W 179.88'
N46°09'W
N. 43°29'W. 399.66'
N.43°29'W. 1740.15'
N.39°00'E. 1539.29'
1614.4'
1118.3'
393.7643'
CHE 32°11'
178.5'
183.0'
751.9'
816.4'
S57°41'E. 352.25'
S51°29'E 133.59'
N57°6'W.
6-18
Property Line
Revised Curve To Be Constructed
EQUATION
Ahead 387+82.91 Back
Back 387+81.29 Ahead

R.P.I.S. 385+14.88
P.I. 382+86.2
R.P.I. 382+81.09
R.P.I.S. 380+47.42
P.I. 385+82.L
R.P.C.S. 383+81.29
R.P.S.C. 381+80.49
R.P.S. 377+80.49
P.C. 379+81.3

Δ 8°00'LT.
LS 400.0
U 266.93
V 133.59

Rev. Curve
Δ 8°02' LT.
D 4°00'
T 100.6
L 200.80

Δ 24°02'LT.
D 4°00'
T 304.9
L 600.9

Δ 8°00'LT
LS 400.0
U 266.93
V 133.59

CLEARING & GRUBBING
STA. 376+50-380+50
25% BRUSH- 5% PINION TREES

7020 7010 7000 6990 6980 6970 6960
7080 7070 7060 7050 7040 7030 7020
405 400 395 390 385 380 375

PLATE 1-PLAN-PROFILE

MAY 1 1950

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0156(2)	10	

RIGHT OF WAY

$SE\frac{1}{4}, SW\frac{1}{4}$

$NW\frac{1}{4}, SW\frac{1}{4}$

(5) John R. James
Dolores, Colorado

(4) John R. James
Dolores, Colorado

$SW\frac{1}{4}, NW\frac{1}{4}$

To West 1/4 Corner Section 7

Sta. 373+27.4

N.65°41'W.

1740.1'

N.43°29'W.
1539.29'

Sta. 370

Sta. 365

Sta. 360

Sta. 355

Sta. 350

Sta. 345

P.I. 359+21.7

652.78'
S 37°04' E 651.54'

625.19'
N 37°04' W

630.39'

259.36'

290.66'

PRESENT

567.2'

N.30°39'W.
371.2'

1969.15'

347+43.2
Property Line

S.66°32'W.
1088.14'

352+54.4

352+81.2

P.T. 362+41.2

P.C. 355+89.5

N.0°16'E.

N.89°12'W.

1260.0

739.4

$NE\frac{1}{4}, SW\frac{1}{4}$

(3) John W. Ritter
Mancos, Colorado

$SW\frac{1}{4}, SE\frac{1}{4}$

Section 7
T. 37 N.
R. 15 W.

$SE\frac{1}{4}, NW\frac{1}{4}$

(6) Hicks Odom
Star Route 2, Dolores, Colorado

Herbert & Rita Grey
Star Route No. 2
Dolores, Colorado

Δ 12°50' LT.
D 2°00'
T 322.2
L 641.7
R 2865.0

CLEARING & GRUBBING
STA. 364+50-370+00
80% BRUSH - 15% PINION

CLEARING & GRUBBING
STA. 360+50-364+50
60% SMALL PINION TREES

CLEARING & GRUBBING
STA. 353+50-360+50
50% BRUSH

900' V.C.

400' V.C.

200' V.C.

500' V.C.

7080
7070
7060
7050

375 370 365 360 355 350 345

Excavation
Factor
Excavation Corrected
Embankment
Shrinkage
Yd. Adjusted
Borrow
Borrow Location

PLATE 1-PLAN-PROFILE S. F. H. STANDARD

Printed in U.S.A.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
8	COLO.	S0156(2)	11	

RIGHT OF WAY

$SW\frac{1}{4}, NW\frac{1}{4}$

(7)

Herbert and Rita Grey
Star Route 2
Dolores, Colorado

T. 37 N.
R. 15 W.

T. 37 N.
R. 16 W.

Norlin

$NE\frac{1}{4}, NE\frac{1}{4}$

(8)

W.E. & A.E. Hamilton
Star Route 2
Dolores, Colorado

N 85°-51' W.

345 340 335 330 325 320 315

1969.15'
N 30°-39' W.

$NW\frac{1}{4}, NW\frac{1}{4}$

28' Ahead of R.P.S.T.

R.P.S.T. 327+76.65 Bk.
327+87.79 Ah.

EQUATION

Δ 18°00' RT.
LS 450.0
U 301.48
V 151.48

P.T. 325+57.2

381.2'

R.P.I.S. 324+78.13

TD 56°29' RT.
8°00'
384.7
L 706.0
Rev. Curve
Δ 20°29' RT.
D 8°00'
L 129.40
L 256.04

R.P.C.S. 323+26.83

R.P.S. 320+70.69

Δ 18°00' RT.
LS 450.0
U 301.48
V 151.48

P.C. 319+20.61

R.P.S. 319+20.61

36°26' C.M.R.

Revised Curve To Be Constructed

1156.04'

N 87°-54' W.

R.P.I. 319+22.08

N 74°-24' E.
311.7 Feet

P.I. 322+35.3

P.I. 322+00.1

R.P.S. 316+20.61

N 87°-08' W.

3837'

PRESENT ROAD

WIRE GATE

WALK GATE

HOUSE

(10)

A. A. Simmons
Cortez, Colorado

SE¼, SE¼

CLEARING & GRUBBING
STA. 327+00-335+00
BRUSH-15% PINION & CEDAR

CLEARING & GRUBBING
STA. 322+00-327+00
30% OAKBRUSH & PINION

CLEARING & GRUBBING
STA. 311+00-317+00
60% BRUSH & SMALL PINIONS

7100 7090 7080 7070 7060 7050

400' V.C.

500' V.C.

600' V.C.

Excavation
Factor
Excavation
Embankment
Factor
Net Embankment
Borrow
Embankment

PLATE 1-PLAN-PROFILE B.P.R. STANDARD

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0156(2)	12	

RIGHT OF WAY

$NE\frac{1}{4}, NE\frac{1}{4}$

(8)

W.E. & A.E. Hamilton

Star Route 2

Dolores, Colorado

$NW\frac{1}{4}, NE\frac{1}{4}$

(9)

Public Domain

N

N 0° 08' W.

Section 12
T. 37 N., R. 16 W.
Of The N.M.P.M.

315 50 50 N. 87° 08' W. 310 736.9' 736.9' (9) 305

N 84° 00' W

N 87° 54' W. 626.04'

435.0' 435.0' 13.3'

(10)

Section 1
T. 37 N., R. 16 W.
Of The N.M.P.M.

STA. 305+00 BEG. S 0156(2)
END S 0156(1)

N 0° 04' E. 2612.3'

$SE\frac{1}{4}, SE\frac{1}{4}$

$SW\frac{1}{4}, SE\frac{1}{4}$

(10)

A.A. Simmons
Cortez, Colorado

PROFILE — SURVEYED, PLOTTED, GRADES CHECKED, STRUCTURE NO(S) & DATA CHECKED — DATE, NOTE BOOK, NO.

PLAN — SURVEYED, PLOTTED, ALIGNMENT CHECKED, ST. OF WAY CHECKED — DATE, NOTE BOOK, NO.

7100 7090 7080 7070 7060

400' VC 600' VC

315 310 305

Excavation
Factor
Factor Cubic
Embankment
Stakes Cut
Fill
Balance
Factor

PLATE 1-PLAN-PROFILE B. P. R. STANDARD

Printed in U.S.A.
On CRONAMAR Tracing Cloth

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0155 (2)	13	

RIGHT OF WAY

MICROFILMED

Dolores City Limits

① Navie Johnson Neg Ritter
Part of NW1/4 NE1/4

② James Hammond
Part of NW1/4 NE1/4

③ Thomas J.& Elizabeth Porter
N1/2 NW1/4 Sec.16

④ T.V. & Yvonne Rogers
NE1/4 Sec 17

⑦ Montezuma Valley
Irrigation Co.
Part of NW1/4 NE1/4 Sec.17

Sta 64+00 to Sta 77+00 not included in this Project

5A Blue Robinson
N1/2 NW1/4 Sec.17

⑥ C. Tories
NE1/4 NE1/4 Sec.18
& SE1/4 SE1/4 Sec 7
South of Highway
No. 147

⑧ Blue Robinson
S1/2 SE1/4 Sec.8

⑤ Blue Robinson
S1/2 SW1/4 Sec.8
& NE1/4 NW1/4 North
& East of the Dolores River

John W. Ritter
SE1/4 SE1/4 Sec.7 &
all North of Highway No. 147
in NE1/4 NE1/4 Sec 18

TOWN OF DOLORES
NW1/4 NE1/4 Sec 18

DOLORES
SW1/4 SE1/4 Sec 7

Colorado State Highway No. 145

Dolores River

D.G.S.R.R.

Central Ave.

1st St.

To Cortez

To Lewis

OWNERSHIP MAP
PLAT
SHOWING CLAIMANTS WITH REGARD
TO RIGHT OF WAY FOR PROJECT S0153(1)
SCALE 1"=400'

FEDROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S0156(2)	14	

RIGHT OF WAY

MICROFILMED

T 37 N R 15 & 16 W

S 89°51'W - 1320'

1243'

N 0°04'E

N 0°08'E

North

N 87°08'W 2670.5'

Sta. 305+00 Begin S0156(2)

1346.8'

N 0°16'E

1298.5'

N 0°16'E

N 89°12'W

N 0°16'E

N 0°16'E

N 87°54'W 1277'

Range 16 W
Range 15 W

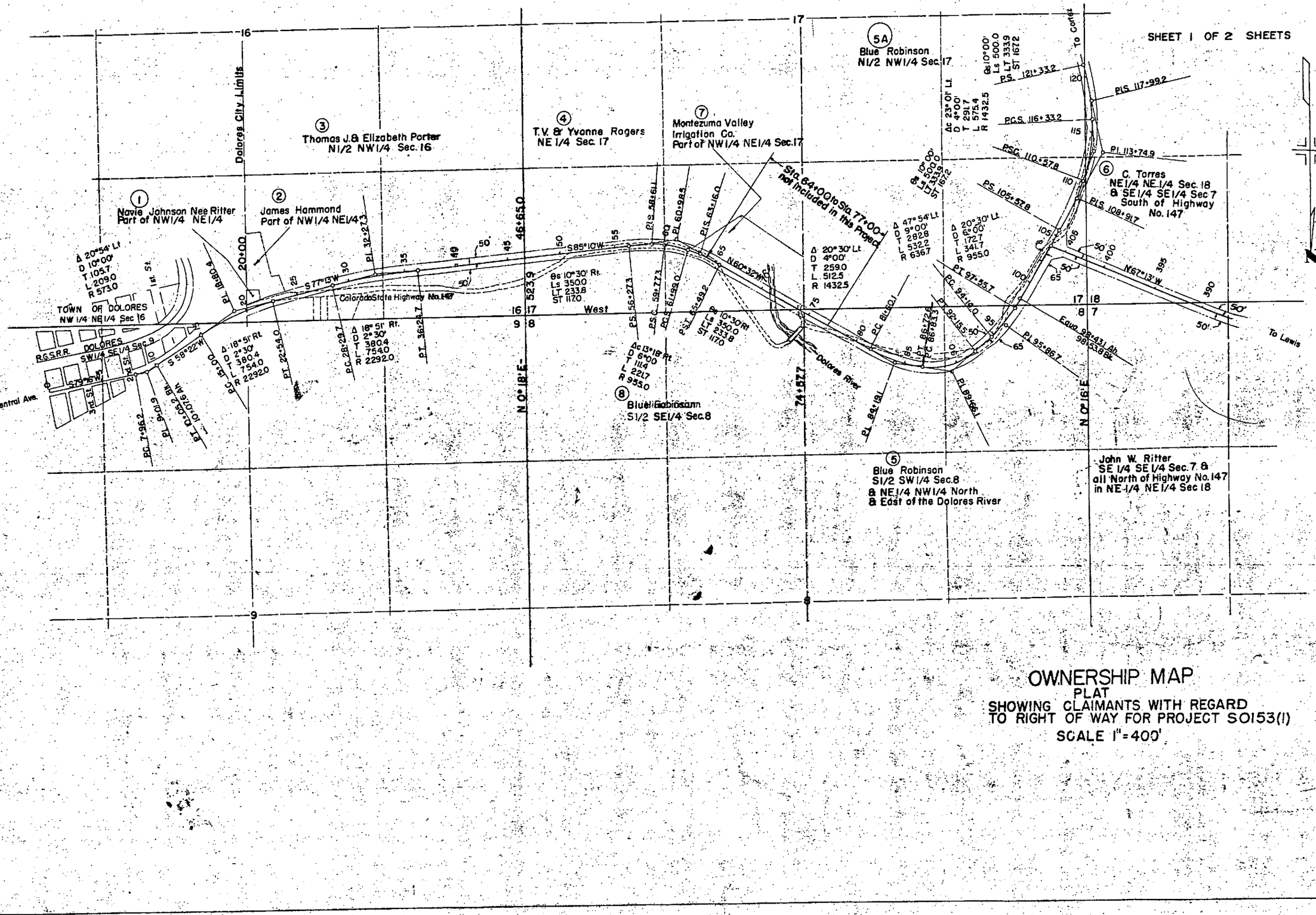
Township 17 S
Township 18 S

1320'

1320'

1320'

SHEET 1 OF 2 SHEETS



OWNERSHIP MAP
PLAT
SHOWING CLAIMANTS WITH REGARD
TO RIGHT OF WAY FOR PROJECT SO153(1)
SCALE 1"=400'

MICROFILMED

MICROFILMED

T 37 N R 15 & 16 W

S 89°51'W – 1320'

1243'

1320'

1320'

1320'

1277'

N 0°16'E

N 89°44'W

N 87°54'W

N 0°08'E

N 87°08'W

Present Highway

North

Range 16 W
Range 15 W

PS 121+33.2
PIS 117+98.2
PI 113+74.9
PCS 116+33.4
PSC 110+57.8
PIS 108+91.7
PSC 105+57.8
PT 97+55.7
PC 94+14.0
PI 95+86.7
PT 92+15.5
PCS 86+83.2
PT 86+12.6
PI 84+19.1
PI 89+56.1
407+48.4 End SO156(2)
Opposite Sta. 104+03.6
Project SO153(1)

① Blue Robinson
NW 1/4 Sec. 17

② C. Torres
N 1/2 NE 1/4 and
S 1/2 SE 1/4
South of Highway 147

③ John W. Ritter
S 1/2 SE 1/4
North of Highway 147

④ ⑤ John R. James
SW 1/4 NW 1/4
South of Highway 147
and NW 1/4 SW 1/4

John W. Ritter
E 1/2 SW 1/4

⑥ Hicks Odom
E 1/2 NW 1/4

Public Domain
NW 1/4 SE 1/4

⑦ Herbert & Reta Gray
NW 1/4 NW 1/4 &
SW 1/4 NW 1/4 North
of Highway 147

⑧ W.E. and A.E. Hamilton
E 1/2 NE 1/4

⑨ Public Domain
W 1/2 NE 1/4

⑩ A.A. Simmons
SE 1/4

Gray

Sta. 305+00 Begin SO156(2)

PS 380+47.3
PIS 382+81.0
PIS 383+14.8
PI 382+81.0
PCS 383+81.2
PSC 381+80.4
PS 377+80.4
PIS 355+21.7
PT 362+91.2
PIS 355+89.5
PIS 328+28.0
PI 322+00.0
PIS 313+22.2

Δ 8°02 Lt
D 4°00'
T 100.6
L 200.8

Δ 12°50' Lt
D 2°00'
T 322.2
L 641.7
R 2865.0

Δ 20°29 Rt
D 18°00'
T 92.4
L 256.0

Δ 18°00 Rt
D 18°00'
Ls 450.0
LT 266.9
ST 133.6

Δ 8°00' Lt
Ls 400.0
LT 266.9
ST 133.6

Δ 8°00' Lt
D 8°00'
L 400.0
LT 266.9
ST 133.6

Δ 18°00 Rt
D 18°00'
Ls 450.0
LT 301.6
ST 151.4

OWNERSHIP MAP
PLAT
SHOWING CLAIMANTS WITH REGARD TO RIGHT OF WAY FOR PROJECT SO156(2) AND SO153(1)

SCALE 1"=400'

COLORADO
Department of
Transportation

DOCUMENT SEPARATOR SHEET

REGION 5 – JUNE 2017 CONVERSION

To be placed at the beginning of each separator sheet.

r500001748

Description:
ROW Plans 11X17

Route # and Mile Points:
SH 147

Originating Office:

ROW/Survey

File Name:
S 0153(1)_ROW(.PDF)

Box Location:
28 of 38

For assistance, or to request changes to this form,
please email helpdesk@msimaging.com.

MOUNTAIN STATES IMAGING

STATE OF COLORADO

DEPARTMENT OF HIGHWAYS

4201 East Arkansas Ave.
Denver, Colorado 80222
(303) 757-9011

S 0153(1)
S 0156(2)
ANASAZI Herritage Center

July 27, 1987

Mr. Leon Witman
Division Administrator
FHWA, Colorado Division
555 Zang Street
Lakewood, CO 80228

Dear Mr. Witman:

Attached are five copies of the Highway Easement Deed for Project S 0153(1), S 1056(2), ANASAZI Herritage Center.

The easement deed has been recorded in Book 602, Page 352 through 362 of the Montezuma County records.

Sincerely,

JAMES E. SIEBELS
Asst. Chief Engineer
Project Development

By:
ALBERT T. VONDERHEID
Staff Right of Way Manager

Attachment

EMT/jl

U.S. Department of Transportation
Federal Highway Administration

JUN 1987 Right of Way Colo. D.O.H.

Memorandum

Subject: Bureau of Land Management Easement Deed
S 0153(1) and S 0156(2) Anasazi Heritage Center

Date: June 17, 1987

Reply to Attn. of: HRW-CO

JUN 1987 Colo. Dept. of Hwy Denver

From: Division Right-of-Way Officer
Lakewood, Colorado

To: Mr. Robert L. Clevenger
Chief Engineer
Colorado Division of Highways
Denver, Colorado

Attached is the original deed which conveys certain U.S. Bureau of Land Management lands to the Colorado Department of Highways.

After the deed has been recorded, please return five copies to us along with the information as to book and page where recorded.

Ronald Lorenz
R. G. Lorenz

Attachments

VONDERHEID	
BARNES	✓
LEAVERTON	

MEMORANDUM

DEPARTMENT OF HIGHWAYS
4201 East Arkansas Ave.
Denver, Colorado 80222

S 0153(1)
S 0156(2)
ANASAZI Heritage Center

June 1, 1987

Leon J. Witman
Division Administrator
Federal Highway Administration
Colorado Division
Room 250, 555 Zang Street
Lakewood, Colorado 80228

Dear Mr. Witman:

Attached is an original and one copy of the Highway Easement Deed for Project S 0153(1), S 0156(2), ANASAZI Heritage Center.

These documents are for your use in finalizing the transfer of land between the Bureau of Land Management and the Colorado Department of Highways.

The special stipulation agreed upon by the Department and the Bureau of Land Management have been incorporated into Items 5 and 6 of the Easement Deed. Please return one copy of the Easement Deed to Staff Right of Way for recording.

Sincerely yours,

JAMES E. SIEBELS
Assistant Chief Engineer
Project Development

By_____
ALBERT T. VONDERHEID
Staff Right of Way Manager

ATV/cag

Attachment

cc: Carl Watson, Dist. 5 ROW

MEMORANDUM

DEPARTMENT OF HIGHWAYS
4201 East Arkansas Ave.
Denver, Colorado 80222

RECEIVED MAY 29 '87

S 0153(1) and S 0156(2)
S.H. 184, ANASAZI Heritage Center

DATE: May 27, 1987

TO: James E. Siebels — C levenger

FROM: Albert T. Vonderheid KB

SUBJECT: Highway Easement Deed for Signature

Attached are two copies of the Highway Easement Deed from the Bureau of Land Management for Project S 0153(1), S 0156(2), ANASAZI Heritage Center. The special stipulations have been reviewed by the District office and incorporated into the deed.

Please secure signatures to both copies of the attached deeds and return to this office for further handling.

ALBERT T. VONDERHEID
Staff Right of Way Manager

By Edward M Tormohlen
E. M. TORMOHLEN
Senior Highway Engineer

EMT/bj

Attach.

U.S. Department of Transportation
Federal Highway Administration

Memorandum

S-C-C1

Colorado Division

c.c: D.3 w/attach.
RD.W "

MAY 1987
Right of Way
Colo. D.O.H.

Subject: SO 153 and SO 156(2), Consent to Transfer
Dolores - Lewis

Date: May 13, 1987

From: Division Right-of-Way Officer
Lakewood, Colorado

Reply to Attn. of: HRW-CO

MAY 1987
Colo. Dept. of Hwys.
Denver, Colorado

To: Mr. Robert L. Clevenger
Chief Engineer
Colorado Division of Highways
Denver, Colorado

Attached is a copy of the May 1, 1987 letter of consent to transfer Federal lands administered by the Bureau of Land Management on this subject project. You will note that the letter contains numerous stipulations which must be included as a condition of transfer. Please review their conditions and if acceptable, include them in the proposed easement deed.

Ronald G. Lorenz

Attachment

VONDERHEID	
BARNES	✓
LEAVERTON	

STATE OF COLORADO

DEPARTMENT OF HIGHWAYS
District V
214 West 6th Street
Durango, Colorado 81301
(303) 259-1241

March 2, 1987

Kathryn Bulinski
Federal Building
701 Camino Del Rio
Durango, CO 81301

Dear Ms. Bulinski,

With regard to our conversations concerning the Anasazi Heritage Center on U.S. 184. Consider this letter a request to submit the Bureau of Land Managements stipulations to the Federal Highway Administration, with regard to the Highway Easement Deed. Please send the stipulations to Mr. Leon Whitman, FHWA Colorado Division, 555 Zang Street, Room 250, Lakewood ,CO 80228.

In addition, please send copies to myself at the address above and a copy to Mr. Ed Tormohlen, Colorado Department of Highways, Staff Right of Way, 4201 East Arkansas, Denver, CO 80222.

Your early attention to this matter will be appreciated. If you have any questions, get in touch with either Brian Borge or Carl Watson at the address or phone number above.

Sincerely,

A.A. Shablo
District Engineer

By _____
Brian Borge
Engineer Tech III

AAS:rgs
xc: Shablo/Watson/File
Vickers/Headrick
Ed Tormohlen
File

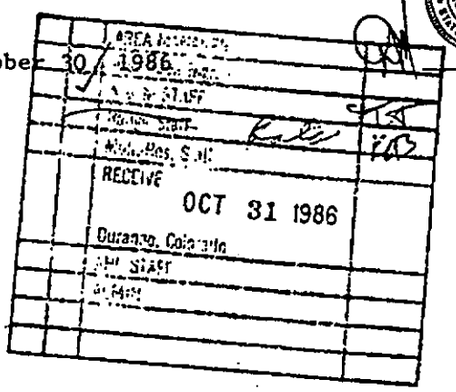
S 01531(1)
S 01561(2)

STATE OF COLORADO

DEPARTMENT OF HIGHWAYS
District V Maintenance Section 03

P.O. Box 2507
(6th & Railroad)
Durango, Colorado 81301
(303) 259-0021

October 30, 1986



Bureau of Land Management
San Juan Resource Area Manager
701 Camino Del Rio
Durango, Colorado 81301

Attention: Katheryn Bulinski

Dear Katheryn:

In regard to our discussion concerning the right-of-way grant, for the widening project for the Anasazi Heritage Center, we have the following comments concerning the Terms and Conditions and Standard Stipulations:

1. The Bureau of Reclamation will be constructing speed change lanes to the Anasazi Heritage Center as required by the Department of Highways. We request you amend paragraph 2.a. of the terms and conditions by deleting the phrase "...a stacking lane/adding highway lane..." and substitute, "...speed change lanes..." in its place.

2. Paragraph 4.c. of the terms and conditions refers to paragraph (1)(a). The package submitted did not include this paragraph. Please advise us as to its contents so we may discuss it with you, prior to re-submitting the right-of-way grant for our signature.

✓ 3. Item 2 of exhibit A states we will have to submit a written plan for approval prior to the application of various pesticides. As we are a state agency, we are bound by the federal and state laws and regulations concerning their use. In addition, the amount of land affected is small (15' X 1428'). It is our opinion the requirement of submitting a plan for this small area is not applicable in this situation. We request this stipulation be either omitted entirely, or re-written omitting the requirement for a plan.

✓ 4. Item 2 of exhibit B requires an inspection of the site to determine an acceptable rehabilitation plan. The Department has already arrived at a rehabilitation plan by working with the Bureau of Reclamation, and Jill Easely, the Departments Landscape Architect. I have enclosed a copy for your review.

not enclosed - requested from Brian Borge 11/9

We request the wording of this paragraph be amended to include the rehabilitation plan as an attachment or to omit this requirement from the stipulations.

We are returning the original package for the right-of-way grant unsigned. We request that the amendments as outlined above be incorporated in a new agreement and resubmitted for our signature.

I you have any question, please contact either Brian Borge or Carl Watson at the address or phone number above.

Sincerely,

A. A. Shablo
District Engineer

By _____
Brian Borge
Engineering Tech III

jam
xc: Shablo/Andrew/Watson/File
Vickers/Headrick
K. Brown
M. File w/copy

Montrose District Office
2465 South Townsend
Montrose, Colorado 81401

C-42637 (130)

AUG 14 1986

CERTIFIED--RETURN RECEIPT REQUESTED

Colorado Division of Highways
P. O. Box 2507
Durango, Colorado 81301

DECISION

Right-of-Way Offered

Enclosed are the original and two copies of the grant we propose to issue for the above-referenced right-of-way. Please sign on page 2 of the original and 1 copy and return them to this office. The third copy is for your records. When we receive the executed documents, we will then be in a position to issue the right-of-way, all else being regular.

This grant becomes effective on the date it is signed by an authorized officer of the Bureau. A signed copy will be returned to you.

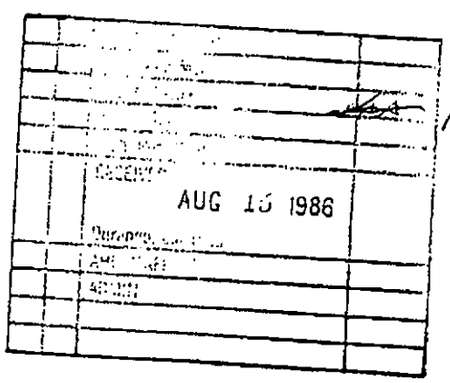
The applicant is hereby allowed 30 days from receipt of this decision within which to sign and return the right-of-way grant. If the right-of-way is not signed and returned within the time allowed, the application will be considered withdrawn, and will be closed on the BLM's records.

/S/ James P. Dunn

James P. Dunn
Land Law Examiner

Enclosure
Proposed R/W grant

J.Dunn:pl:08/13/86



Serial No. C-42637

Right-of-Way Grant

1. A right-of-way is hereby granted pursuant to Title V of the Federal Land Policy and Management Act of October 21, 1976 (90 stat. 2776; 43 U.S.C. 1761).

2. Nature of Interest:

   a. By this instrument, the holder, Colorado Division of Highways, receives a right to construct, operate, maintain, and terminate a stacking lane/adding highway lane on public lands described as follows:

      T. 37 N., R. 15 W., NMPM
      Sec. 7: S1/2

   b. The right-of-way area granted herein is 15 feet wide, 1428 feet long and contains .49 acres, more or less.

   c. The instrument shall be granted in perpetuity from its effective date unless prior thereto, it is relinquished, abandoned, terminated, or modified pursuant to the terms and conditions of this instrument or of any applicable Federal law or regulation.

   d. This instrument may be renewed. If renewed, the right-of-way shall be subject to the regulations existing at the time of renewal and any other terms and conditions that the authorized officer deems necessary to protect the public interest.

   e. Notwithstanding the expiration of this instrument or any renewal thereof, early relinquishment, abandonment, or termination, the provisions of this instrument to the extent applicable, shall continue in effect and shall be binding on the holder, its successors, or assigns, until they have fully satisfied the obligations and/or liabilities accruing herein before or on account of the expiration, or prior termination of the grant.

3. Rental:

   Rental Exempt (See 43 CFR 2803.1-2 c).

4. Terms and Conditions:

a. This grant is issued subject to the holder's compliance with all applicable regulations contained in Title 43 Code of Federal Regulations parts 2800.

b. Upon grant termination by the authorized officer, all improvements shall be removed from the public lands within 60 days, or otherwise disposed of as in paragraph (4)(d) or as directed by the authorized officer.

c. Each grant issued pursuant to the authority of paragraph (1)(a) for a term of 20 years or more shall, at a minimum, be reviewed by the authorized officer at the end of the 20th year and at regular intervals thereafter not to exceed 10 years. Provided, however, that a right-of-way granted herein may be reviewed at any time deemed necessary by the authorized officer.

d. The stipulations, plans, maps, or designs set forth in Exhibits A, B, & C, attached hereto, are incorporated into and made a part of this grant instrument as fully and effectively as if they were set forth herein in their entirety.

e. Failure of the holder to comply with applicable law or any provision of this right-of-way grant will constitute grounds for suspension or termination thereof.

f. The holder shall perform all operations in a good workmanlike manner so as to ensure protection of the environment and the health and safety of the public.

g. The holder shall be fully liable to the United States for any damage or injury incurred by the United States in connection with the use and occupancy of the right-of-way area by the holder, its employees, contractors or employees of the contractors.

h. The holder shall be fully liable for injuries or damages to third parties resulting from activities or facilities on lands under Federal jurisdiction in which the damage or injury occurred. The holder shall fully indemnify the United States for liability, damage or claims arising in connection with the holder's use and occupancy of the right-of-way area.

IN WITNESS WHEREOF, The undersigned agrees to the terms and conditions of this right-of-way grant.

(Signature of Holder)	(Signature of Authorized Officer)
(Title)	(Title)
(Date)	(Date)

Enclosures:
Exhibit A: Standard Stipulations
Exhibit B: Special Stipulations
Exhibit C: Right-of-Way Map

Serial No. C-42637

Exhibit A

Standard Stipulations:

1. The holder shall immediately bring to the attention of the authorized officer any and all antiquities or other objects of historic or prehistoric ruins or artifacts discovered as a result of operations under this right-of-way grant. The holder shall immediately suspend all activities in the area of the object and shall leave such discoveries intact until told to proceed by the authorized officer. Approval to proceed will be based upon evaluation of the cultural significance of the object. Evaluation shall be by a qualified professional selected by the authorized officer from a Federal agency insofar as practicable. When not practicable, the holder shall bear the cost of the service of a non-Federal professional. The holder shall follow the mitigation requirements set forth by the authorized officer concerning protection, preservation or disposition of any sites or material discovered. In those situations where the authorized officer determines that data recovery and/or salvage excavations are necessary, the holder shall bear the cost of such data recovery and/or salvage operations.

2. The holder shall comply with the applicable Federal and State laws and regulations concerning the use of pesticides (i.e., insecticides, herbicides, fungicides, rodenticides, and other similar substances) in all activities and/or operations under this right-of-way grant. The holder shall obtain from the authorized officer approval of a written plan prior to the use of such substances. The plan must provide for the type and quantity of material to be used; the pest, insect, fungus, etc., to be controlled; the method of application, the location for storage and disposal of containers, and other pertinent information that the authorized officer may require. The plan should be submitted no later than December 1 of any calendar year to cover the proposed activities for the next fiscal year.

   If need for emergency use of pesticides is identified, the use must be approved by the authorized officer. The use of substances on or near the right-of-way area shall be in accordance with its registered uses and without other limitations if the Secretary of the Interior has not imposed restrictions. A pesticide shall not be used if the Secretary has prohibited its use. Pesticides shall not be permanently stored on Federal lands authorized for use under this right-of-way grant.

3. No burning of trash, litter, trees, brush or other vegetative material generated by clearing the right-of-way shall be allowed under this grant.

4. The holder shall comply with applicable State standards for public health and safety, environmental protection and siting, construction, operation and maintenance, if these State standards are more stringent than Federal standards for similar projects.

5. In the construction, operation, maintenance and termination of the facilities authorized by this grant, the holder shall not discriminate against any employee or applicant for employment because of race, creed, color, sex, or national origin. All subcontracts shall include an identical provision.

EXHIBIT B. SPECIAL STIPULATIONS

For the purposes of these stipulations the Authorized Officer is the San Juan Resource Area Manager, Federal Building, 701 Camino del Rio, Durango, Colorado 81301 (303) 247-4082.

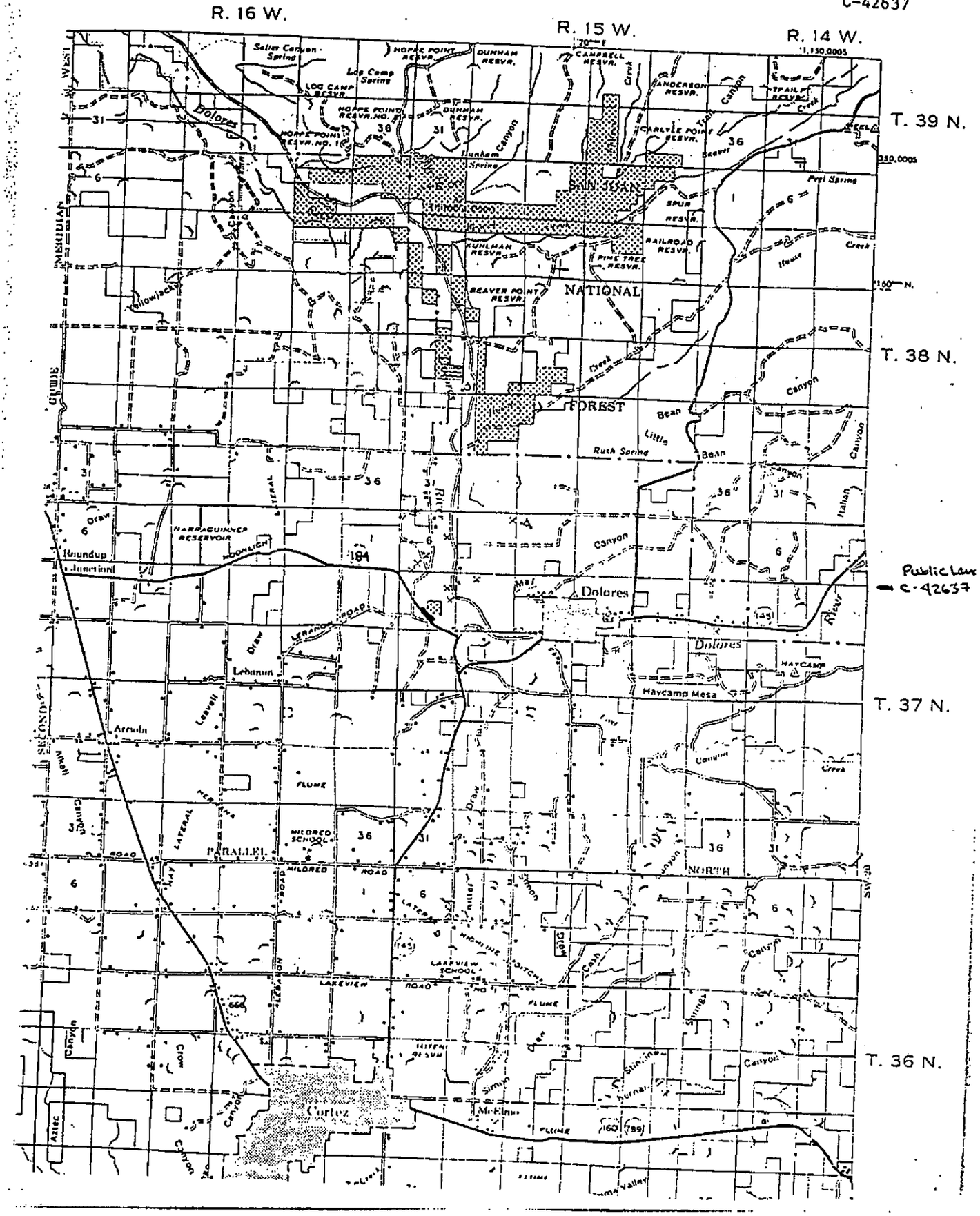
1. The Holder will notify the Authorized Officer 5 days prior to commencement of any construction activities.

2. The Holder shall contact the Authorized Officer to arrange a joint inspection of the right-of-way. The inspection will be held to agree on an acceptable rehabilitation plan. The plan may include recontouring, replacement of topsoil, seeding, mulching, etc.

3. Prior to abandonment of the facilities authorized by this grant, the Holder shall contact the Authorized Officer to arrange a joint inspection of the right-of-way. The inspection will be held to agree on an acceptable abandonment and rehabilitation plan. The Authorized Officer must approve the plan in writing prior to the Holder commencing any abandonment and/or rehabilitation activities. The plan may include removal of drainage structures or surface material, recontouring, replacement of topsoil, seeding, mulching, etc.

(PLANIMETRIC)

Exhibit C.
C-42637



STATE OF COLORADO

DEPARTMENT OF HIGHWAYS

4201 East Arkansas Ave.
Denver, Colorado 80222
(303) 757-9011

March 14, 1986

Mr. Leon J. Witman
Division Administrator
FHWA, Colorado Division
Room 250, 555 Zang Street
Lakewood, CO 80228

Dear Mr. Witman:

Attached are five sets of prints and legal description for Project SO 153(1), SO 156(2), Dolores-Lewis, for your use in making application to the Bureau of Land Management for the transfer of land to the Department of Highways.

The stipulations are in the process of being developed at the district level. Please contact Mr. Chuck Finch, Montrose District Office, Bureau of Lad Management, 2465 S. Townsend, Montrose, CO 81401.

Upon the receipt of the consent to transfer and the stipulations, the Department will prepare the necessary easement deed documents and forward to your office at that time.

Sincerely,

ALBERT T. VONDERHEID
Staff Right of Way Manager

EMT/bj
Attach.

cc: Carl Watson - Dist. 5
Katheryn Bulinski, Durango

MEMORANDUM

DEPARTMENT OF HIGHWAYS
District V
214 West 6th Street
Durango, Colorado 81301
(303) 259-1241

DATE: March 3, 1986

TO: Al T. Vonderheid - STAFF ROW

Attn: Ed Tormohlen

FROM: A. A. Shablo

SUBJECT: ANASAZI HERITAGE CENTER BY BUREAU OF RECLAMATION
Highway 184 Widening (Accel-decel lanes)
Dolores Project, Colorado

Acquisition of additional right-of-way is required from the Bureau of Land Management for the accel-decel lanes required by an access permit for the above referenced project.

Construction is to be done by the Bureau of Reclamation and is scheduled as soon as possible this spring. Your immediate attention in this matter is greatly appreciated.

To aide in the acquisition of this right-of-way, enclosed is a copy of an ownership map with the additional right-of-way required outlined in colored pencil, a right-of-way plat, right-of-way description and a completed transportation application form 299.

A. A. Shablo
District Engineer

By Darrel W. Lowder
Darrel W. Lowder
Senior Right of Way Agent

DWL:js
encs.
xc: Shablo/Andrew/Watson/File

Are they asking us to buy the R/W

STANDARD FORM 299(11-83)
Prescribed by DOI/USDA/DOT
P.L. 96-487 and Federal
Register Notice 6-3-81

APPLICATION FOR TRANSPORTATION AND UTILITY SYSTEMS AND FACILITIES ON FEDERAL LANDS

FORM APPROVED
OMB NO. 1004-0060
Expires: May 31, 1986

NOTE: Before completing and filing the application, the applicant should completely review this package and schedule a preapplication meeting with representatives of the agency responsible for processing the application. Each agency may have specific and unique requirements to be met in preparing and processing the application. Many times, with the help of the agency representative, the application can be completed at the preapplication meeting.

FOR AGENCY USE ONLY
Application Number
Date filed

1. Name and address of applicant *(include zip code)*
State of Colo., Dept of Hwys
Division of Highways
214 West 6th Street
Durango, Colorado 81301

2. Name, title, and address of authorized agent if different from Item 1 *(include zip code)*
Bureau of Reclamation
Upper Colorado Region
P.O. Box 11568
Salt Lake City, Utah 84147

3. TELEPHONE *(area code)*
Applicant (303) 259-1241
Authorized Agent (801) 524-5441

4. As applicant are you? *(check one)*
a. [ ] Individual
b. [ ] Corporation*
c. [ ] Partnership/Association*
d. [X] State Government/State Agency
e. [ ] Local Government
f. [ ] Federal Agency
* *If checked, complete supplemental page*

5. Specify what application is for: *(check one)*
a. [X] New authorization
b. [ ] Renew existing authorization No. _____
c. [ ] Amend existing authorization No. _____
d. [ ] Assign existing authorization No. _____
e. [ ] Existing use for which no authorization has been received*
f. [ ] Other*
* *If checked, provide details under Item 7*

6. If an individual, or partnership are you a citizen(s) of the United States? [X] Yes [ ] No

7. Project description *(describe in detail)*: (a) Type of system or facility, *(e.g., canal, pipeline, road)*; (b) related structures and facilities; (c) physical specifications *(length, width, grading, etc.)*; (d) term of years needed; (e) time of year of use or operation; (f) Volume or amount of product to be transported; (g) duration and timing of construction; and (h) temporary work areas needed for construction. *(Attach additional sheets, if additional space is needed.)*

a.) Improve an existing transportation facility (Colorado Highway 184).
b.) Anasazi Heritage Center.
c.) 1428'x15' maximum work limits, 16,438 sq. ft. or 0.4 Acres R/W.
d.) Permanently part of Highway 184 R/W.
e.) Summer 1986.
f.) Safety feature for Heritage Center (Stacking Lanes).
g.) May 1986 - November 1986 (tentative dates).

8. Attach map covering area and show location of project proposal R/W map and description enclosed.

9. State or local government approval: [ ] Attached [X] Applied for [ ] Not required

10. Nonreturnable application fee: [ ] Attached [X] Not required

11. Does project cross international boundary or affect international waterways? [ ] Yes [X] No *(If "yes," indicate on map)*

12. Give statement of your technical and financial capability to construct, operate, maintain, and terminate system for which authorization is being requested.

The current estimated cost for this and related facilities are:
$3,300,000 for the entire Aanasazi Heritage Center of which $220,000 is estimated to be in the Highway 184 widening.

(Continued on reverse)

NSN 7540-01-143-7017

13a. Describe other reasonable alternative routes and modes considered.

N/A

b. Why were these alternatives not selected?

N/A

c. Give explanation as to why it is necessary to cross Federal lands.

To provide safe ingress and egress from the newly built Anasazi Heritage Center.

14. List authorizations and pending applications filed for similar projects which may provide information to the authorizing agency. *(Specify number, date, code, or name.)*

CO-030-TU-85-5
July 3, 1985
Land Use Application and Permit

15. Provide statement of need for project, including the economic feasibility and items such as: (a) cost of proposal *(construction, operation, and maintenance)*; (b) estimated cost of next best alternative; and (c) expected public benefits.

To provide a safe entrance to Colorado State Highway 184.
a.) $220,000 Estimate
b.) N/A
c.) Safe access to $3.3 million Anasazi Heritage Center

16. Describe probable effects on the population in the area, including the social and economic aspects, and the rural lifestyles.

Will be a safer access to a major cultural and recreation feature of the Dolores Project.

17. Describe likely environmental effects that the proposed project will have on: (a) air quality; (b) visual impact; (c) surface and ground water quality and quantity; (d) the control or structural change on any stream or other body of water; (e) existing noise levels; and (f) the surface of the land, including vegetation, permafrost, soil, and soil stability.

The work will be performed within specification approved by the Bureau of Land Management and the Colorado State Highway Department.

18. Describe the probable effects that the proposed project will have on: (a) populations of fish, plant, wildlife, and marine life, including threatened and endangered species; and (b) marine mammals, including hunting, capturing, collecting, or killing these animals.

None -

19. Name all the Department(s)/Agency(ies) where this application is being filed.

State of Colorado
Department of Highways
Durango District
214 West 6th Street
Durango, Colorado 81301

Bureau of Reclamation
Upper Colorado Region
P.O. Box 11568
Salt Lake City, Utah
Attention: UC-420

I HEREBY CERTIFY, That I am of legal age and authorized to do business in the State and that I have personally examined the information contained in the application and believe that the information submitted is correct to the best of my knowledge.

Signature of Applicant	Date

Title 18, U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.

APPLI. ION FOR TRANSPORTATION AND UTILITY STEMS AND FACILITIES ON FEDERAL LANDS

GENERAL INFORMATION
ALASKA NATIONAL INTEREST LANDS

This application will be used when applying for a right-of-way, permit, license, lease, or certificate for the use of Federal lands which lie within conservation system units and National Recreation or Conservation Areas as defined in the Alaska National Interest Lands Conservation Act. Conservation system units include the National Park System, National Wildlife Refuge System, National Wild and Scenic Rivers System, National Trails System, National Wilderness Preservation System, and National Forest Monuments.

Transportation and utility systems and facility uses for which the application may be used are:

1. Canals, ditches, flumes, laterals, pipes, pipelines, tunnels, and other systems for the transportation of water.

2. Pipelines and other systems for the transportation of liquids other than water, including oil, natural gas, synthetic liquid and gaseous fuels, and any refined product produced therefrom.

3. Pipelines, slurry and emulsion systems, and conveyor belts for transportation of solid materials.

4. Systems for the transmission and distribution of electric energy.

5. Systems for transmission or reception of radio, television, telephone, telegraph, and other electronic signals, and other means of communications.

6. Improved rights-of-way for snow machines, air cushion vehicles, and all-terrain vehicles.

7. Roads, highways, railroads, tunnels, tramways, airports, landing strips, docks, and other systems of general transportation.

This application *must* be filed simultaneously with each Federal department or agency requiring authorization to establish and operate your proposal.

In Alaska, the following agencies will help the applicant file an application and identify the other agencies the applicant should contact and possibly file with:

Department of Agriculture
Regional Forester, Forest Service (USFS)
Federal Office Building, P.O. Box 1628
Juneau, Alaska 99802
Telephone: (907) 588–7247 *(or a local Forest Service Office)*

Department of Interior
Bureau of Indian Affairs (BIA)
Juneau Area Office, P.O. Box 3–8000
Juneau, Alaska 99802
Telephone: (907) 586–7209

Bureau of Land Management (BLM)
701 C Street, Box 13
Anchorage, Alaska 99513
Telephone: (907) 271–5055 *(or a local BLM Office)*

National Park Service (NPS)
Alaska Regional Office, 540 West 5th Avenue, Room 202
Anchorage, Alaska 99501
Telephone: (907) 271–4196

U.S. Fish & Wildlife Service (FWS)
Office of the Regional Director
1011 East Tudor Road
Anchorage, Alaska 99503
Telephone: (907) 276–3800

Note-Filings with any Interior agency may be filed with any office noted above or with the: Office of the Secretary of the Interior, Regional Environmental Officer, Box 120, 1675 C Street, Anchorage, Alaska 99513.

Department of Transportation
Federal Aviation Administration
Alaska Region AAL–4, P.O. 14
Anchorage, Alaska 99513

NOTE – The Department of Transportation has established the above central filing point for agencies within that Department. Affected agencies are: Federal Aviation Administration (FAA), Coast Guard (USCG), Federal Highway Administration (FHWA), Federal Railroad Administration (FRA).

OTHER THAN ALASKA NATIONAL INTEREST LANDS

Use of this form is not limited to National Interest Conservation Lands of Alaska.

Individual departments/agencies may authorize the use of this form by applicants for transportation and utility systems and facilities on other Federal lands outside those areas described above.

For proposals located outside of Alaska, applications will be filed at the local agency office or at a location specified by the responsible Federal agency.

SPECIFIC INSTRUCTIONS
(Items not listed are self-explanatory)

Item

7 Attach preliminary site and facility construction plans. The responsible agency will provide instructions whenever specific plans are required.

8 Generally, the map *must* show the section(s), township(s), and range(s) within which the project is to be located. Show the proposed location of the project on the map as accurately as possible. Some agencies require detailed survey maps. The responsible agency will provide additional instructions.

9, 10, and 12 – The responsible agency will provide additional instructions.

13 Providing information on alternate routes and modes in as much detail as possible, discussing why certain routes or modes were rejected and why it is necessary to cross Federal lands will assist the agency(ies) in processing your application and reaching a final decision. Include only reasonable alternate routes and modes as related to current technology and economics.

14 The responsible agency will provide instructions.

15 Generally, a simple statement of the purpose of the proposal will be sufficient. However, major proposals located in critical or sensitive areas may require a full analysis with additional specific information. The responsible agency will provide additional instructions.

16 through 18 – Providing this information in as much detail as possible will assist the Federal agency(ies) in processing the application and reaching a decision. When completing these items, you should use sound judgment in furnishing relevant information. For example, if the project is not near a stream or other body of water, *do not* address this subject. The responsible agency will provide additional instructions.

Application *must* be signed by the applicant or applicant's authorized representative.

If additional space is needed to complete any item, please put the information on a separate sheet of paper and identify it as "Continuation of Item".

(For supplemental, see reverse)

SUPPLEMENTAL

NOTE: The responsible agency(ies) will provide additional instructions.	CHECK APPROPRIATE BLOCK	
I – PRIVATE CORPORATIONS	ATTACHED	FILED*
a. Articles of Incorporation	☐	☐
b. Corporation Bylaws	☐	☐
c. A certification from the State showing the corporation is in good standing and is entitled to operate within the State.	☐	☐
d. Copy of resolution authorizing filing	☐	☐
e. The name and address of each shareholder owning 3 percent or more of the shares, together with the number and percentage of any class of voting shares of the entity which such shareholder is authorized to vote and the name and address of each affiliate of the entity together with, in the case of an affiliate controlled by the entity, the number of shares and the percentage of any class of voting stock of that affiliate owned, directly or indirectly, by that entity, and in the case of an affiliate which controls that entity, the number of shares and the percentage of any class of voting stock of that entity owned, directly or indirectly, by the affiliate.	☐	☐
f. If application is for an oil or gas pipeline, describe any related right-of-way or temporary use permit applications, and identify previous applications.	☐	☐
g. If application is for an oil and gas pipeline, identify all Federal lands by agency impacted by proposal.	☐	☐
II – PUBLIC CORPORATIONS		
a. Copy of law forming corporation	☐	☐
b. Proof of organization	☐	☐
c. Copy of Bylaws	☐	☐
d. Copy of resolution authorizing filing	☐	☐
e. If application is for an oil or gas pipeline, provide information required by Item "I-f" and "I-g" above.	☐	☐
III – PARTNERSHIP OR OTHER UNINCORPORATED ENTITY		
a. Articles of association, if any	☐	☐
b. If one partner is authorized to sign, resolution authorizing action is	☐	☐
c. Name and address of each participant, partner, association, or other	☐	☐
d. If application is for an oil or gas pipeline, provide information required by Item "I-f" and "I-g" above.	☐	☐

* If the required information is already filed with the agency processing this application and is current, check block entitled "Filed." Provide the file identification information *(e.g., number, date, code, name)*. If not on file or current, attach the requested information.

NOTICE

The Privacy Act of 1974 provides that you be furnished the following information in connection with information required by this application for an authorization.

AUTHORITY: 16 U.S.C. 310; 5 U.S.C. 301.

PRINCIPLE PURPOSE: The information is to be used to process the application.

ROUTINE USES: (1) The processing of the applicant's request for an authorization. (2) Documentation for public information. (3) Transfer to appropriate Federal agencies when concurrence is required prior to granting a right in public lands or resources. (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

EFFECT OF NOT PROVIDING INFORMATION: Disclosure of the information is voluntary. If all the information is not provided, the application may be rejected.

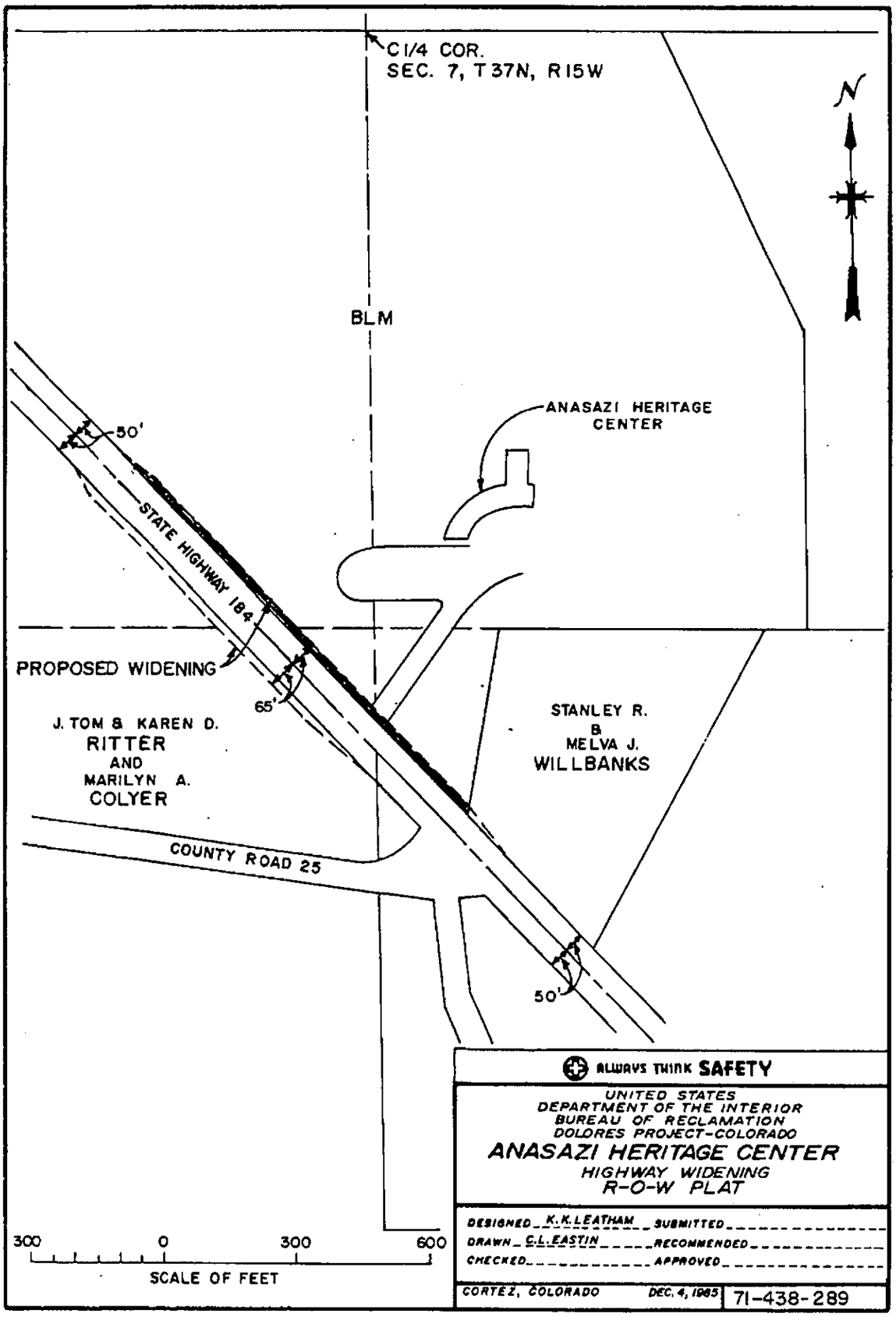
DATA COLLECTION STATEMENT

The Federal agencies collect this information from applicants requesting right-of-way, permit, license, lease, or certification for the use of Federal lands.

The Federal agencies use this information to evaluate the applicant's proposal.

The public is obligated to respond to this information request if they wish to obtain permission to use Federal lands.

* U.S. Government Printing Office: 1985—460-162/29291



☆U.S GOVERNMENT PRINTING OFFICE: 1977-776-457

Land Description Parcel No. AHC-3
Anasazi Heritage Center
Highway Widening
Dolores Project, Colorado

Owner: Bureau of Land Management (BLM)

A parcel of land lying in the South Half (S½) of Section Seven (Sec. 7), Township Thirty-seven North (T37N), Range Fifteen West (R15W) of the New Mexico Principal Meridian (NMPM), Montezuma County, Colorado more particularly described as follows:

Beginning at a point on the northerly right-of-way line of State Highway 184 from which the NW Corner of the SW¼SE¼ of said Sec. 7 bears N26°28.5'W 464.5 feet; thence N44°02.2'W 1165.7 feet along said northerly right-of-way line; thence S50°40.1'E 129.9 feet; thence S44°02.2'E 1026.1 feet; thence S10°41.2'W 18.4 feet to the point of beginning and containing 0.4 acres more or less.

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Montrose District Office
2465 South Townsend
Montrose, Colorado 81401

IN REPLY
REFER TO:
C-42637 (130)

Hanlon		Nelson	
Hishing		Speral	
Dixmen		Ache	
Jones		Whiteside	
Mitchell		Walker	
Scovill		King	
Hesterberg		Sanders	
Herron		Fors	
Lawrenz		Bearsh	
Madden		Cram	
Noetzelmann		Tucker	
Unger		Lux	
Young		Trainees	
Lutz			

MAY 1 1987

Mr. Leon J. Witman
Division Administrator
Federal Highway Administration
555 Zang Street, Room 250
Lakewood, Colorado 80228

LETTER OF CONSENT

Proper information has now been received for the appropriation of public lands of the United States within the State of Colorado for the purpose of issuing a Highway Easement Deed to the Colorado Department of Highways for Project SO 153 and SO 156(2), Dolores-Lewis, pursuant to U.S.C. TITLE 23: Highways, Section 317 and Section 107(d).

The highway project is located on the following described public land:

T. 37 N., R. 15 W., NMPM, Colorado
Sec. 7: S½

more particularly described as follows:

Beginning at a point on the northerly right-of-way line of State Highway 184 from which the NW Corner of the SW¼SE¼ of said Sec. 7 bears N26°28.5'W 464.5 feet; thence N44°02.2'W 1165.7 feet along said northerly right-of-way line; thence S50°40.1'E 129.9 feet; thence S44°02.2'E 1026.1 feet; thence S10°41.2'W 18.4 feet to the point of beginning and containing 0.4 acres more or less.

The improvement is shown on the map "Dolores Project Road Paving", "Highway 184 at Anasazi Heritage Center Access Station 364+44 to Station 378+72", "Plan and Profile", prepared by the Bureau of Reclamation and numbered 71-438-1952.

In accordance with the provisions of the Interagency Agreement between the Bureau of Land Management (BLM) and the Federal Highway Administration (FHWA), the BLM agrees to the appropriation and transfer of the above described lands for the foregoing purpose subject to the following conditions, stipulations for which must be included in the right-of-way use document issued to the Colorado Department of Highways, agreed upon by the State, and enforced by the FHWA.

1. If outstanding valid claims exist on the date of this use authorization, the State agency shall obtain such permission as may be necessary on account of any such claims.

2. The use right herein authorized shall terminate 10 years, or sooner if agreed upon, from the date of execution of the transfer document by FHWA to the State in the event construction of the highway has not been initiated during such period.

3. The use right herein authorized is limited to the described right-of-way and the space above and below for highway purposes and does not include any use rights for non-highway purposes.

4. Retention of rights by BLM to use, or authorized use on, any portion of the right-of-way for non-highway purposes provided such use would not interfere with the free flow of traffic, impair the full use and safety of the highway, or be inconsistent with the provisions of Title 23 of the United States code and the FHWA regulations pursuant thereto, and the FHWA and the State agency concerned shall be consulted prior to exercising such rights.

5. Location by BLM of any Bureau information signs on the portions of the right-of-way outside of construction clearing limits.

6. No sites for highway-operation and maintenance facilities, camps, supply depots, or disposal areas within the right-of-way may be established without obtaining approval of the BLM authorized officer.

7. Application of chemicals shall be pursuant to the National Environmental Policy Act and shall be approved by FHWA prior to application by the State.

8. The provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 242) shall be complied with.

9. The State shall immediately bring to the attention of the FHWA any and all antiquities or other objects of historic or prehistoric ruins or artifacts discovered as a result of operations. The State shall immediately suspend all activities in the area of the object and shall leave such discoveries intact until told to proceed by the FHWA. Approval to proceed will be based upon evaluation of the cultural significance of the object. Evaluation shall be by a qualified professional from a Federal agency insofar as practicable. When not practicable, the State shall bear the cost of the service of a non-Federal professional. The State shall follow the mitigation requirements set forth by the FHWA concerning protection, preservation or disposition of any sites or material discovered. In those situations where the FHWA determines that data recovery and/or salvage excavations are necessary, the State shall bear the cost of such data recovery and/or salvage operations.

10. The State shall notify the San Juan Resource Area Manager, Federal Building, 701 Camino del Rio, Durango, Colorado 81301 (303) 247-4082 five (5) days prior to commencement of any construction activities to arrange a joint inspection of the right-of-way. The inspection will be held to agree on an acceptable rehabilitation plan. The plan may include recontouring, replacement of topsoil, seeding, mulching, etc.

for Ken Herman

James P. Dunn
Land Law Examiner

2805 - FEDERAL AGENCIES

INTERAGENCY AGREEMENT

Bureau of Land Management
and
Federal Highway Administration

I. Purpose. This Interagency Agreement provides procedures by which the Secretary of Transportation acting through the Federal Highway Administration (FHWA) may appropriate public lands for highway rights-of-way and sources of materials for the Federal-aid Highway System and those classes of highways provided for in Chapter 2, 23 U.S.C. The lands appropriated are for use by the States for highways and/or highway material purposes. The appropriation is subject to conditions the Secretary of the Interior acting through the Bureau of Land Management (BLM) may deem necessary for adequate protection and utilization of the public land and protection of the public interest.

II. Authority.

A. The Federal Land Policy and Management Act of 1976, 90 Stat. 2766, 43 U.S.C. 1737.

B. The Act of August 27, 1958, as amended, 23 U.S.C., Sections 107(d) and 317.

III. Procedures. BLM and FHWA recognize the need for streamlined procedures by which the FHWA may appropriate BLM-administered public lands for highway and highway materials for the Federal-aid System and those classes of highways provided for in Chapter 2, 23 U.S.C. To accelerate the appropriation process, FHWA and BLM agree to the following procedures:

A. FHWA will notify BLM, as far in advance as possible, of any highway project being contemplated and arrange a meeting with the BLM authorized officer and the participating State agency to discuss the proposed project to ascertain whether or not the appropriation of the lands for highway or highway materials is consistent with BLM resource management programs and develop a plan of action to complete the appropriation within a reasonable time.

B. It will be the responsibility of FHWA to comply with the National Environmental Policy Act and other legal requirements in arriving at its determination that the lands are necessary for the project.

C. FHWA shall submit to the authorized officer of BLM a written request for appropriation, accompanied by a map showing the location of lands it desires to appropriate, a statement of its determination that the lands are necessary for the project, a copy of the environmental assessment, and/or a copy of the environmental impact statement.

D. The authorized officer of the BLM, after receipt of the request and attachments, shall review the material and, within a period of four months, notify FHWA, in writing, either (a) that the appropriation would be contrary to the public interest or inconsistent with the purposes for which the public lands or materials are being managed or (b) that BLM is in agreement with the appropriation subject to conditions of adequate protection and utilization of the public lands. If within a period of four months, the Bureau of Land Management has not responded, in writing, to the request for appropriation, such lands may be considered appropriated by FHWA and transferred to the State for right-of-way purposes as requested.

E. Disagreement to the appropriation will be in the form of a letter, from BLM to FHWA, clearly stating the reasons why such an appropriation would be contrary to the public interest or inconsistent with the purposes for which the public lands or materials are being managed.

F. Agreement to the appropriation will be in the form of a "Letter of Consent" which clearly states the conditions under which the agreement is given. These conditions involve the following:

1. Resolution of existing valid claims and use authorizations.

2. Granting authority to FHWA within the appropriation is limited to rights-of-way for the Federal-aid Highway System and those classes of highways provided for in Chapter 2, 23 U.S.C.

3. BLM retains the authority to grant additional right-of-way uses within and across the appropriated highway or material site right-of-way. Such additional uses include, but are not limited to, transportation and utility systems for water, power, communications, oil and gas, or any other facilities which are in the public interest, are not directly associated with highway use, operation and related highway purposes, and are not inconsistent with Title 23 of the U.S. Code. The FHWA shall be consulted prior to the issuance of such authorizations.

4. The appropriation will automatically terminate if construction is not started within ten (10) years or sooner if agreed upon.

5. Conditions providing for development and use of the adjacent public lands, such as, reasonable access and signing.

6. Conditions protecting the adjacent public lands from right-of-way construction and maintenance activities which may cause off right-of-way adverse effects, such as, wildfire, chemical control of vegetation and animals, runoff drainage and revegetation with non-native species.

G. FHWA, when transferring the highway right-of-way or highway material appropriation to the State, will make it subject to BLM's conditions as contained in the "Letter of Consent". FHWA will administer these conditions. BLM will work with or through FHWA when they observe non-compliance to the appropriation "Letter of Consent" conditions.

H. When the need for the appropriation no longer exists and the State has reasonably rehabilitated the area to protect the public and environment, FHWA will notify BLM in writing. Upon receipt of this notice and acceptance of the rehabilitation, the lands appropriated shall revert to the BLM.

I. A copy of the right-of-way use document from FHWA to the respective State shall be furnished to the BLM authorized officer.

J. Amendments to or modifications of this Interagency Agreement may be initiated by either party, but shall not become effective or binding until agreed upon by both parties.

IV. Tenure. This document shall become effective upon the revocation of 43 CFR 2820-Roads and Highways and shall remain in effect unless terminated by mutual agreement or one agency after giving the other agency thirty (30) days prior written notice.

Director, Bureau of Land Management

7/1/82
Date

Administrator, Federal Highway Administration

JUL 27 1982
Date

2805 - FEDERAL AGENCIES

Exhibit A (Letter of Consent)

U. S. Department of Interior
Bureau of Land Management

Mr. Frank E. Hawley
Regional Federal Highway Administrator
2 Embarcadeco Center
San Francisco, California 94111

Dear Mr. Hawley:

Request has been received for the appropriation of public lands of the United States within the State of California for the purpose of issuing a right-of-way use document to the California State Highway Department for the reconstruction of State Route 21 (U. S. Highway 40A), pursuant to U. S. C. TITLE 23: Highways, Section 317 and Section 107(d).

The area requested lies in the:

(Legal description)

(Subdivision(s), Section, Township, Range and Meridian)

as shown on the map titled "State of California, Department of Public Works, Division of Highways," and marked "District II, Plumas County, Route 21, Section E, Sheets 1 and 2, Approved by H. S. Miles, District Engineer, on August 14, 1964."

In accordance with the provisions of the Interagency Agreement between the Bureau of Land Management (BLM) and the Federal Highway Administration (FHWA), the BLM agrees to the appropriation and transfer of the above described lands for the foregoing purpose subject to the following conditions, stipulations for which must be included in the right-of-way use document issued to the California State Highway Department, agreed upon by the State, and enforced by the FHWA:

1. If outstanding valid claims exist on the date of this use authorization, the State agency shall obtain such permission as may be necessary on account of any such claims.

2. The use right herein authorized shall terminate 10 years, or sooner if agreed upon, from the date of execution of the transfer document by FHWA to the State in the event construction of a highway or use of the material site has not been initiated during such period.

3. The use right herein authorized is limited to the described right-of-way and the space above and below for highway purposes and does not include any use rights for non-highway purposes.

4. Retention of rights by BLM to use, or authorized use on, any portion of the right-of-way for non-highway purposes provided such use would not interfere with the free flow of traffic, impair the full use and safety of the highway, or be inconsistent with the provisions of Title 23 of the United States code and the FHWA regulations pursuant thereto, and the FHWA and the State agency concerned shall be consulted prior to exercising such rights.

5. Location by BLM of any Bureau information signs on the portions of the right-of-way outside of construction clearing limits except that such signs shall not be located on the right-of-way of an Interstate System.

6. Consistent with highway safety standards, the State agency shall:

   a. Protect and preserve soil and vegetative cover and scenic and esthetic values on the right-of-way outside of construction limits.

   b. Provide for the prevention and control of soil erosion within the right-of-way and adjacent lands that might be affected by the construction, operation, maintenance of the highway.

   c. Vegetate and keep vegetated with suitable species all earth cut or fill slopes feasible for revegetation or other areas on which ground cover is destroyed where it is deemed necessary prior to completion of the highway and shall maintain terracing, water bars, leadoff ditches, or other preventive works that may be required to accomplish this objective. This provision shall also apply to slopes that are reshaped following slides which occur during or after construction.

7. No sites for highway-operation and maintenance facilities, camps, supply depots, or disposal areas within the right-of-way may be established without obtaining approval of the BLM authorized officer.

8. Application of chemicals shall be pursuant to the National Environmental Policy Act and shall be approved by FHWA prior to application by the State.

9. The provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 242) shall be complied with.

UNITED STATES CODE
TITLE 23: HIGHWAYS

FEBRUARY 1980

§ 107. Acquisition of rights-of-way—Interstate System.

(d) Whenever rights-of-way, including control of access, on the Interstate System are required over lands or interests in lands owned by the United States, the Secretary may make such arrangements with the agency having jurisdiction over such lands as may be necessary to give the State or other person constructing the projects on such lands adequate rights-of-way and control of access thereto from adjoining lands, and any such agency is directed to cooperate with the Secretary in this connection.

§ 317. Appropriation for highway purposes of lands or interests in lands owned by the United States.

(a) If the Secretary determines that any part of the lands or interests in lands owned by the United States is reasonably necessary for the right-of-way of any highway, or as a source of materials for the construction or maintenance of any such highway adjacent to such lands or interests in lands, the Secretary shall file with the Secretary of the Department supervising the administration of such lands or interests in lands a map showing the portion of such lands or interests in lands which it is desired to appropriate.

(b) If within a period of four months after such filing, the Secretary of such Department shall not have certified to the Secretary that the proposed appropriation of such land or material is contrary to the public interest or inconsistent with the purposes for which such land or materials have been reserved, or shall have agreed to the appropriation and transfer under conditions which he deems necessary for the adequate protection and utilization of the reserve, then such land and materials may be appropriated and transferred to the State highway department, or its nominee, for such purposes and subject to the conditions so specified.

(c) If at any time the need for any such lands or materials for such purposes shall no longer exist, notice of the fact shall be given by the State highway department to the Secretary and such lands or materials shall immediately revert to the control of the Secretary of the Department from which they had been appropriated.

(d) The provisions of this section shall apply only to projects constructed on a Federal-aid system or under the provisions of chapter 2 of this title.

2805 - FEDERAL AGENCIES

EXHIBIT C

HIGHWAY EASEMENT DEED

THIS DEED, made this _____ day of _____, 19____, by and between the UNITED STATES OF AMERICA, acting by and through the Department of Transportation, Federal Highway Administration, hereinafter referred to as the Department, and the _____ _____ _____ hereinafter referred to as the Grantee:

WITNESSETH:

WHEREAS, the Grantee has filed application under the provisions of the Act of Congress of August 27, 1958, as amended (23 U.S.C. Section 317) (1/ and Section 107 (d)), for the right-of-way of a highway over certain Federal land under the jurisdiction of the Department of the Interior - Bureau of Land Management in the State of _____, which land has been appropriated by the Department, and

WHEREAS, the Federal Highway Administrator, pursuant to delegation of authority from the Secretary of Transportation, has determined that an easement over the land covered by the application is reasonably necessary for a right-of-way for (identification of highway) _____ _____ _____; and

WHEREAS, the Department of the Interior, acting by and through the Bureau of Land Management, in its consent to the appropriation of the Federal land, has agreed to the transfer by the Department of an easement over the land to the Grantee;

NOW THEREFORE, the Department, as authorized by law, and in compliance with all requirements imposed by or pursuant to Title 49 CFR, Department of Transportation, Subtitle A, Office of Secretary, Part 21, nondiscrimination in federally-assisted programs of the Department of Transportation (49 CFR 21.2 - 21.23) pertaining to and effectuating the provisions of Title VI of the Civil Rights Act of

1/ To be included where grant is for Interstate.

2805 - FEDERAL AGENCIES

1964 (78 Stat. 252; 42 U.S.C. 2000d to 2000d-4), does hereby grant to the Grantee an easement for a right-of-way for the construction, operation, and maintenance of a highway (1/ including control of access thereto from adjoining lands) and use of the space above and below the established grade line of the highway pavement for highway purposes on, over, across, in, and upon the following described Federal land within the _____, County of _____, State of _____: Township _____ (North)(South), Range _____ (East)(West), _____ Meridian

SECTION SUBDIVISION

(In non-public land survey States parcel description to conform with State practice).

As shown on the following plats:

Drawing No. _____ Dated _____ Number of Sheets _____ Marked Exhibits _____ attached hereto and made parts hereof, subject, however, to the following terms and conditions:

(1) Outstanding valid claims, if any, existing on the date of this grant, and the Grantee shall obtain such permission as may be necessary on account of any such claims.

(2) Construction of the highway facility is to be undertaken by the Grantee in compliance with the Act entitled "An Act for the Preservation of American Antiquities" approved June 8, 1960 (34 Stat. 225, 26 U.S.C. 432-433), and State laws where applicable.

(3) The easement herein granted shall terminate _____ years from the date of the execution of this deed by the United States of America in the event construction of a highway on the right-of-way is not started during such period.

(4) The easement herein granted is limited to use of the described right-of-way and the space above and below the established grade line of the highway pavement for the purpose of construction, operation, and maintenance of a highway in accordance with the approved plans described in the following condition numbered (5) and does not include the grant of any rights for non-highway purposes or facilities: Provided, that the right of the Bureau of Land Management to use or authorize the use of any portion of the

1/ To be included where grant is for Interstate or other controlled-access highway.

right-of-way for non-highway purposes shall not be exercised when such use would be inconsistent with the provisions of Title 23 of the United States Code and of the Federal Highway Administration Regulations issued pursuant thereto or would interfere with the free flow of traffic or impair the full use and safety of the highway, and in any case the Federal Highway Administration shall be consulted prior to the exercise of such rights: and Provided, further that nothing herein shall preclude the Bureau of Land Management from locating Department of the Interior information signs on the portions of the right-of-way outside of construction clearing limits, (1/ except that such signs shall not be located on the right-of-way of an Interstate System.)

(5) The design and construction of highway projects situated on this right-of-way will be in accord with the provisions of Title 23, U.S.C. Code-Highways, and amendments; the provisions of the Federal-Aid Highway Program Manual issued by the Federal Highway Administration; the construction specifications of the State highway department as approved by the Federal Highway Administration for use on Federal-aid projects; and the following terms and conditions specified by the Bureau of Land Managememt:

(List special conditions from BLM Letter of Consent)

(6) Consistent with highway safety standards, the Grantee shall:

(a) Protect and preserve soil and vegetative cover and scenic and esthetic values on the right-of-way outside of construction limits.

(b) Provide for the prevention and control of soil erosion within the right-of-way and adjacent lands that might be affected by the construction, operation, or maintenance of the highway, and shall vegetate and keep vegetated with suitable species, as specified in No. (5) above, all earth cut or fill slopes feasible for revegetation or other areas on which ground cover is destroyed. The Grantee shall maintain all terracing, waterbars, lead-off ditches, or other preventive works that may be required to accomplish this objective. This provision shall also apply to slopes that are reshaped following slides which occur during or after construction.

1/ To be included where grant is for Interstate.

(7) The Grantee shall:

Establish no borrow, sand, or gravel pits, stone quarry, or permanent storage areas, sites for highway operation and maintenance facilities, camps, supply depot or disposal areas within the right-of-way unless shown on approved construction plans without first obtaining approval.

(8) The Grantee shall maintain the right-of-way and highway facilities to acceptable standards of repair, orderliness, neatness, sanitation, and safety.

(9) The Grantee shall maintain the right-of-way clearing by means of chemicals only after specific written approval has been given by the Department after consultation with the Bureau of Land Management. Application for such approval must be in writing and specify the time, methods, chemicals, and the exact portion of the right-of-way to be chemically treated.

(10) When need for the easement herein granted shall no longer exist and the area has been reasonably rehabilitated to protect the public and environment, the Grantee shall give notice of that fact to the Secretary of Transportation and the rights herein granted shall terminate and land shall immediately revert to the full control of the Secretary of the Department of the Interior or his assigns.

The Grantee, in consideration of the conveyance of said land, does hereby covenant and agree as a covenant running with the land for itself, its successors and assigns that (a) no person shall, on the grounds of race, color or national origin, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination with regard to any facility located wholly or in part on, over, or under such land hereby conveyed, (b) that the Grantee shall use said land so conveyed in compliance with all requirements imposed by or pursuant to Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Nondiscrimination in federally-assisted programs of the Department of Transportation, in effectuation of Title VI of the Civil Rights Act of 1964, and as said Regulations may be amended.

In the event of breach of any of the above-mentioned nondiscrimination conditions, the Department shall have the right to re-enter said land and facilities on said land, and the above-described land and facilities shall thereupon revert to and vest in and become the absolute property of the Department of Transportation and its assigns, as such interest existed prior to this instrument. (Reverter clause to be used only when it is determined that such clause is necessary to effectuate the purpose of Title VI of the Civil Rights Act of 1964).

2805 - FEDERAL AGENCIES

IN WITNESS WHEREOF, I, _____ Regional Counsel, pursuant to delegations of authority from the Secretary of Transportation, the Federal Highway Administration, and _____ Chief Counsel, by virtue of authority in me vested by law, have hereunto subscribed my name as of the day and year first above written.

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

In Presence of:

_____

_____

BY _____
Regional Counsel

STATE OF _____)
COUNTY OF _____)

I, _____, a Notary Public in and for the State of _____, do hereby certify that on this the _____ day _____, 19_____, before me personally appeared _____, Regional Counsel, Federal Highway Administration, and acknowledged that the foregoing instrument bearing date of _____, 19_____, was executed by him in his official capacity and by authority in him vested by law, for the purposes and intents in said instrument described and set forth, and acknowledged the same to be his free act and deed as Regional Counsel, Federal Highway Administration.

Witness my hand and seal this _____ day of _____, 19_____.

_____
(Notary Public)

(SEAL)

Commission expires _____.

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In compliance with the conditions set forth in the foregoing deed, the State of _____, certifies, and by the acceptance of this deed, accepts the right-of-way over certain land herein described and agrees for itself, its successors and assigns forever to abide by the conditions set forth in said deed.

BY_____

STATE OF_____)
COUNTY OF_____)

I,_____, a Notary Public in and for said County and State, hereby certify that_____, whose name as _____is signed to the foregoing conveyance and who is known to me, acknowledged before me on this day that, being informed of the contents of the conveyance, he in his capacity as such _____executed the same voluntarily on this day.

Given under my hand and seal of office this _____day of_____ ____, 19_____.

_____
Notary Public

(SEAL)
My Commission Expires_____.

RECORDED AT 11:55 O'CLOCK A M JUL 20 1987 BOOK 602 PAGE 352

RECEPTION NO. 395324 JEAN DeGRAFF, RECORDER MONTEZUMA CO., COLO.

STATE DOCUMENTARY FEE
DATE JUL 20 1987
$ EXEMPT
TOTAL CONSIDERATION

HIGHWAY EASEMENT DEED

DEPARTMENT OF INTERIOR - BUREAU OF LAND MANAGEMENT

THIS DEED, made this 11TH day of JUNE, 19 87, by and between the UNITED STATES OF AMERICA, acting by and through the DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION, hereinafter referred to as the DEPARTMENT, and the STATE DEPARTMENT OF HIGHWAYS, DIVISION OF HIGHWAYS, STATE OF COLORADO, hereinafter referred to as the GRANTEE:

WITNESSETH

WHEREAS, the GRANTEE has filed application under the provisions of the Act of Congress of August 27, 1958, as amended (23 U.S.C. Section 317), for the right of way of a highway over certain Federal land under the jurisdiction of the Department of the Interior - Bureau of Land Management in the State of Colorado, which land has been appropriated by the Department, and

WHEREAS, the Federal Highway Administrator, pursuant to delegation of authority from the Secretary of Transportation, has determined that an easement over the land covered by the application is reasonably necessary for a right-of-way for:

Project Number: S 0153(1) and S 0156(2)

Designation: S.H. 184, ANASAZI Heritage Center

Parcel Numbers: 3A

and,

WHEREAS, the Department of the Interior, acting by and through the Bureau of Land Management, in its consent to the appropriation of the Federal land, has agreed to the transfer by the Department of an easement over the land to the Grantee;

NOW THEREFORE, the Department, as authorized by law, and in compliance with all requirements imposed by or pursuant to Title 49 CFR, Department of Transportation, Subtitle A, Office of Secretary, Part 21, nondiscrimination in federally-assisted programs of the Department of Transportation (49 CFR 21.2 - 21.23) pertaining to and effectuating the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 252; 42 U.S.C. 2000d to 2000d-4), does hereby grant to the Grantee an easement for a right-of-way for the construction, operation, and maintenance of a highway and use of the space above and

AFTER RECORDING PLEASE MAIL TO:

The Department of Highways of the State of Colorado
Highway Office Building
4201 East Arkansas Avenue
Denver, Colorado 80222

ATTENTION: Right of Way Section

below the established grade line of the highway pavement for highway purposes on, over, across, in, and upon the following described Federal land within the County of Montezuma, State of Colorado:

Township 37 North, Range 15 West, New Nexico Principal Meridian

SECTION	SUBDIVISION
7	S 1/2

as shown on the following plats:

Project No. S 0153(1) and S 0156(2) Dated December 1948 Number of Sheets-4

Marked Exhibits "A" attached hereto and made parts hereof, subject, however, to the following terms and conditions:

(1) Outstanding valid claims, if any, existing on the date of this grant, and the Grantee shall obtain such permission as may be necessary on account of any such claims.

(2) Construction of the highway facility is to be undertaken by the Grantee in compliance with the Act entitled "An Act for the Preservation of American Antiquities" approved June 8, 1906 (34 Stat. 225, 16 U.S.C. 432-433), and state laws where applicable.

(3) The easement herein granted shall terminate ten (10) years from the date of the execution of this deed by the United States of America in the event construction of a highway on the right-of-way is not started during such period.

(4) The easement herein granted is limited to use of the described right-of-way and the space above and below the established grade line of the highway pavement for the purpose of construction, operation, and maintenance of a highway in accordance with the approved plans described in the following condition numbered (5) and does not include the grant of any rights for non-highway purposes or facilities: Provided, that the right of the Bureau of Land Management to use or authorize the use of any portion of the right-of-way for non-highway purposes shall not be exercised when such use would be inconsistent with the provisions of Title 23 of the United States Code and of the Federal Highway Administration regulations issued pursuant

AFTER RECORDING PLEASE MAIL TO:

The Department of Highways of the State of Colorado
Highway Office Building
4201 East Arkansas Avenue
Denver, Colorado 80222

ATTENTION: Right of Way Section

thereto or would interfere with the free flow of traffic or impair the full use and safety of the highway, and in any case the Federal Highway Administration shall be consulted prior to the exercise of such rights: and provided further that nothing herein shall preclude the Bureau of Land Management from locating Department of the Interior information signs on the portions of the right-of-way outside of construction clearing limits.

(5) The design and construction of highway projects situated on this right-of-way will be in accord with the provisions of Title 23, U.S.C. Code-Highways, and amendments; the provisions of the Federal-Aid Highway Program Manual issued by the Federal Highway Administration; the construction specifications of the State Highway Department as approved by the Federal Highway Administration for use on Federal-aid projects; and the following terms and conditions specified by the Bureau of Land Management:

a. The State shall immediately bring to the attention of the Federal Highway Administration any and all antiquities or other objects of historic or prehistoric ruins or artifacts discovered as a result of operations. The State shall immediately suspend all activities in the area of the object and shall leave such discoveries intact until told to proceed by the Federal Highway Administation. Approval to proceed will be based upon evaluation of the cultural significance of the object. Evaluation shall be by a qualified professional from a Federal agency insofar as practicable. When not practicable, the State shall bear the cost of the service of a non-Federal professional. The State shall follow the mitigation requirements set forth by the Federal Highway Administration concerning protection, preservation or disposition of any sites or material discovered. In those situations where the Federal Highway Administation determines the data recovery and/or

AFTER RECORDING PLEASE MAIL TO:

The Department of Highways of the State of Col
Highway Office Building
4201 East Arkansas Avenue
Denver, Colorado 80222

ATTENTION: Right of Way Section

salvage excavations are necessary, the State shall bear the cost of such data recovery and/or salvage operations.

b. The State shall notify the San Juan Resource Area Manager, Federal Building, 701 Camino del Rio, Durango, Colorado 81301 (303) 247-4082 five (5) days prior to commencement of any construction activities to arrange a joint inspection of the right-of-way. The inspection will be held to agree on an acceptable rehabilitation plan. The plan may include recontouring, replacement of top soil, seeding, mulching, etc.

(6) Consistent with highway safety standards, the Grantee shall:

a. Protect and preserve soil and vegetative cover and scenic and esthetic values on the right-of-way outside of construction limits.

b. Provide for the prevention and control of soil erosion within the right-of-way adjacent lands that might be affected by the construction, operation, or maintenance of the highway, and shall vegetate and keep vegetated with suitable species, as specified in No. (5) above, all earth cut or fill slopes feasible for revegetation or other areas on which ground cover is destroyed. The Grantee shall maintain all terracing, water-bars, lead-off ditches, or other preventive works that may be required to accomplish this objective. This provision shall also apply to slopes that are reshaped following slides which occur during or after construction.

(7) The Grantee shall:

Establish no borrow, sand, or gravel pits, stone quarry, or permanent storage areas, sites for highway operation maintenance facilities, camps, supply depot or disposal areas within the right-of-way unless shown on approved construction plans without first obtaining approval.

AFTER RECORDING PLEASE MAIL TO:

The Department of Highways of the State of Colorado
Highway Office Building
4201 East Arkansas Avenue
Denver, Colorado 80222

ATTENTION: Right of Way Section

(8) The Grantee shall maintain the right-of-way and highway facilities to acceptable standards of repair, orderliness, neatness, sanitation, and safety.

(9) The Grantee shall maintain the right-of-way clearing by means of chemicals only after specific written approval has been given by the Department after consultation with the Bureau of Land Management. Application for such approval must be in writing and specify the time, methods, chemicals, and the exact portion of the right-of-way to be chemically treated.

(10) When need for the easement herein granted shall no longer exist and the area has been reasonably rehabilitated to protect the public and environment, the Grantee shall give notice of that fact to the Secretary of Transportation and the rights herein granted shall terminate and land shall immediately revert to the full control of the Secretary of the Department of the Interior or his assigns.

The Grantee, in consideration of the conveyance of said land, does hereby covenant and agree as a covenant running with the land for itself, its successors and assigns that (a) no person shall, on the grounds of race, color or national origin, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination with regard to any facility located wholly or in part on, over, or under such land hereby conveyed, (b) that the Grantee shall use said land so conveyed in compliance with all requirements imposed by or pursuant to Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Nondiscrimination in federally-assisted programs of the Department of Transportation, in effectuation of Title VI of the Civil Rights Act of 1964, and as said Regulations may be amended.

In the event of breach of any of the above-mentioned nondiscrimination conditions, the Department shall have the right to re-enter said land and facilities on said land, and the above-described land and facilities shall thereupon revert to and vest in and become the absolute property of the Department of Transportation and its assigns, as such interest existed prior to this instrument. (Reverter clause to be used only when it is determined

AFTER RECORDING PLEASE MAIL TO:
The Department of Highways of the State of Colorado
Highway Office Building
4201 East Arkansas Avenue
Denver, Colorado 80222
ATTENTION: Right of Way Section

that such clause is necessary to effectuate the purpose of Title VI of the Civil Rights Act of 1964.)

IN WITNESS WHEREOF, I, RICHARD O. JONES Regional Counsel, pursuant to delegations of authority from the Secretary of Transportation, the Federal Highway Administration, and ANTHONY J. McMAHON Chief Counsel, by virtue of authority in me vested by law, have hereunto subscribed my name as of the day and year first above written.

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

In Presence of:

By Richard O. Jones
Regional Counsel

STATE OF COLORADO)
)
COUNTY OF JEFFERSON)

I, Jeanette K. Vohs, a Notary Public in and for the State of Colorado, do hereby certify that on this the 11th day of June, 19 87, before me personally appeared Richard O. Jones, Regional Counsel, Federal Highway Administration, and acknowledged that the foregoing instrument bearing date of June 11, 19 87, was executed by him in his offical capacity and by authority in him vested by law, for the purposes and intents in said instrument described and set forth, and acknowledged the same to be his free act and deed as Regional Counsel, Federal Highway Administration.

Witness my hand and seal this 11th day of June, 19 87.

Jeanette K. Vohs
(Notary Public)

Commission Expires My Commission Expires November 21, 1989

AFTER RECORDING PLEASE MAIL TO:
The Department of Highways of the State of Colorado
Highway Office Building
4201 East Arkansas Avenue
Denver, Colorado 80222
ATTENTION: Right of Way Section

In compliance with the conditions set forth in the foregoing deed, the State Department of Highways, State of Colorado, certifies, and by the acceptance of this deed, accepts the right-of-way over certain land herein described and agrees for itself, its successors and assigns forever to abide by the conditions set forth in said deed.

STATE DEPARTMENT OF HIGHWAYS
DIVISION OF HIGHWAYS
STATE OF COLORADO

ATTEST:

T. A. LARIMER, Chief Clerk

By: Robert L. Clevenger
ROBERT L. CLEVENGER,
Chief Engineer

STATE OF COLORADO)
CITY &)
COUNTY OF DENVER)

I, JANICE S. LEAVERTON, a Notary Public in and for said City & County of Denver and State, hereby certify that ROBERT L. CLEVENGER Chief Engineer and H. D. MARTIN, for the Chief Clerk, for the State Department of Highways, Division of Highways, State of Colorado are signed to the foregoing conveyance and are known to me, acknowledged before me on this day that, being informed of the contents of the conveyance, they in their capacity as much, have executed the same voluntarily on this day.

Given under my hand and seal of office this 29th day of May, 19 87.

Janice S. Leaverton
Notary Public
4201 E. Arkansas
Denver, Colorado

(SEAL)

My Commission Expires March 13, 1990.

AFTER RECORDING PLEASE MAIL TO:

The Department of Highways of the State of Colorado
Highway Office Building
4201 East Arkansas Avenue
Denver, Colorado 80222

ATTENTION: Right of Way Section

AFTER RECORDING PLEASE MAIL TO:
The Department of Highways of the State of Colorado
Highway Office Building
4201 East Arkansas Avenue
Denver, Colorado 80222
ATTENTION: Right of Way Section

FED. ROAD DIST. NO.	STATE	COLO. A PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0153 (1) & S 0156 (2)	1	

RIGHT OF WAY

COLORADO
STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED
COMB. FED. AID SECONDARY PROJ. NO. S 0153 (1) & S 0156 (2)
STATE HIGHWAY NO. 145 & 147
MONTEZUMA COUNTY

INDEX OF SHEETS

SHEET NO. 1 TITLE SHEET
2 TABULATION OF PROPERTIES
3-12 PLAN AND PROFILE SHEETS SHOWING RIGHT OF WAY
13-14 OWNERSHIP MAP

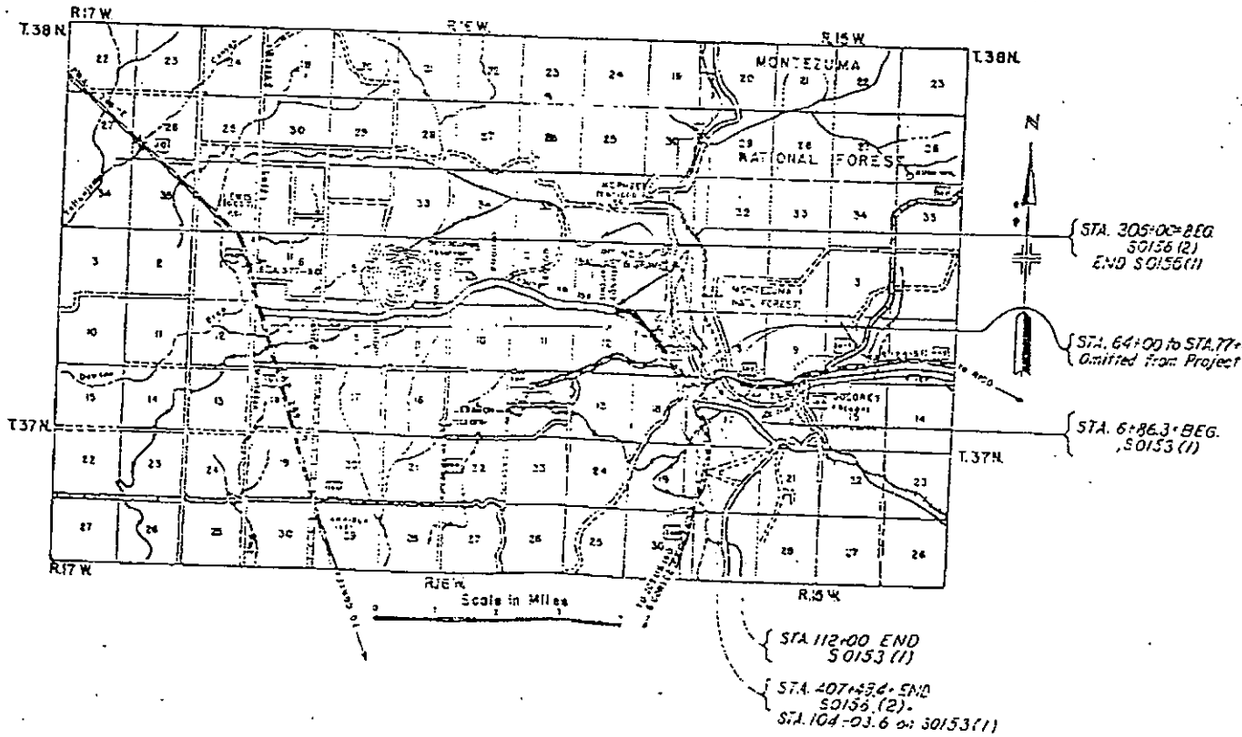
EXHIBIT "A"

SCALES
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

EXHIBIT "A"

CONVENTIONAL SIGNS
CENTER LINE OF SURVEY
RIGHT OF WAY LINES
COUNTY LINE
TOWNSHIP LINES
SECTION LINES
ONE QUARTER SECTION LINES
BARBED WIRE FENCE
COMBINATION WIRE FENCE
CHICKEN WIRE FENCE
TELEPHONE LINE
POWER LINE

RIGHT OF WAY



BOOK 602 PAGE 359

AFTER RECORDING PLEASE RETURN TO:

The Department of Highways of the State of Colorado
Highway Office Building
4201 East Arkansas Avenue
Denver, Colorado 80222

ATTENTION: Right of Way Section

MICROFILMED

BOOK 602 PAGE 360

EXHIBIT "A"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
5	COLO.	S 0156(2)	9	

RIGHT OF WAY

Area covered by this document ☒

(2) C. Tories
Star Route No. 1
Dolores, Colorado

(1) Blue Robinson
Route No. 1
Dolores, Colorado

(3) John H. Ritter
Moncos, Colorado

NE¼ NE¼
NW¼ NW¼
SE¼ SE¼
SW¼ SE¼

T. 37 N.
R. 15 W.

STA. 404+383
STA. 400+973

Revised route to be constructed

EQUATION

CLEARING & GRUBBING
STA. 376+50-380+50
25% BRUSH- 5% PINION TREES

7020
7010
7000
6990
6980
6970
6960

405 400 395 390 385 380 375

AFTER RECORDING PLEASE MAIL TO:

The Department of Highways of the State of Colorado
Highway Office Building
4201 East Arkansas Avenue
Denver, Colorado 80222

ATTENTION: Right of Way Section

EXHIBIT "A"

Area covered by this document

PROJ. NUMBER DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0156(2)	10	

RIGHT OF WAY

SE¼, SW¼

NW¼, SW¼

(5) John E. James
Dolores, Colorado

(4) John E. James
Dolores, Colorado

SW¼, NW¼

18 West of Section 7 Corner

NO°-41'W.

1740.1'

N.43°-58'W.
1338.75'

1165.7'
N44°02.2'W

1026.1
S44°02.2'E

120.6'
S50°40.1'E

PI 369+21.7

PC 362+41.2

PT 365+63.9

PC 365+80.5

Δ 12°50'LT
D 2° 00'
T 322.2
L 641.7
R 2865.0

SE¼, SE¼

NE¼, SW¼

(3) John W. Ritter
Mancos, Colorado

Section 7
T.37 N.
R.15 W.

(6) Hicks Odom
Star Route 2, Dolores, Colorado

SE¼, NW¼

(7) Herbert B. Ritter
Star Route No 2
Dolores, Colorado

CLEARING & GRUBBING
STA. 364+50-370+00
80% BRUSH- 15% PINION

CLEARING & GRUBBING
STA. 360+50-364+50
60% SMALL PINION TREES

CLEARING & GRUBBING
STA. 353+50-360+50
50% BRUSH

BOOK 6 PAGE 361

7080
7070
7060
7050

375 370 365 360 355 350 345

AFTER RECORDING PLEASE MAIL TO:

The Department of Highways of the State of Colorado
Highway Office Building
4201 East Arkansas Avenue
Denver, Colorado 80222

ATTENTION: Right of Way Section

MICROFILMED

EXHIBIT "A"

Sheet 2 of 2 Sheets

BOOK 602 PAGE 362

T 37 N R 15 E N M

Location of Parcel

Range 16 W
Range 15 W

Sta 305+00 Begin SO156(2)

407+48.4 End SO156(2)
Opposite Sta 104+03.6
Project SO153(1)

(1) Blue Robinson
NW 1/4 Sec. 17

(2) C. Torres
N 1/2 NE 1/4 and
S 1/2 SE 1/4
South of Highway 147

(3) John W. Ritter
S 1/2 SE 1/4
North of Highway 147

John W. Ritter
E 1/2 SW 1/4

(4)(5) John R. James
SW 1/4 NW 1/4
South of Highway 147
and NW 1/4 SW 1/4

(6) Hicks Odom
E 1/2 NW 1/4

Public Domain
NW 1/4 SE 1/4

(6) N.E. and S.E. Hamilton
E 1/2 NE 1/4

Public Domain
W 1/2 NE 1/4

(7) Herbert & Reta Gay
NW 1/4 NW 1/4 &
SW 1/4 NW 1/4 North
of Highway 147

(10) A.A. Simmons
SE 1/4

OWNERSHIP MAP
PLAT
SHOWING CLAIMANTS WITH
REGARD TO RIGHT OF WAY FOR
PROJECT SO156(2) AND SO153(1)
SCALE 1"=400'

HIGHWAY EASEMENT DEED

DEPARTMENT OF INTERIOR - BUREAU OF LAND MANAGEMENT

THIS DEED, made this_____day of_____, 19_____, by and between the UNITED STATES OF AMERICA, acting by and through the DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION, hereinafter referred to as the DEPARTMENT, and the STATE DEPARTMENT OF HIGHWAYS, DIVISION OF HIGHWAYS, STATE OF COLORADO, hereinafter referred to as the GRANTEE:

WITNESSETH

WHEREAS, the GRANTEE has filed application under the provisions of the Act of Congress of August 27, 1958, as amended (23 U.S.C. Section 317), for the right of way of a highway over certain Federal land under the jurisdiction of the Department of the Interior - Bureau of Land Management in the State of Colorado, which land has been appropriated by the Department, and

WHEREAS, the Federal Highway Administrator, pursuant to delegation of authority from the Secretary of Transportation, has determined that an easement over the land covered by the application is reasonably necessary for a right of way for:

Project Number: S 0153(1) and S 0156(2)

Designation: S.H. 184, ANASAZI Heritage Center

Parcel Numbers: 3A

and,

WHEREAS, the Department of the Interior, acting by and through the Bureau of Land Management, in its consent to the appropriation of the Federal land, has agreed to the transfer by the Department of an easement over the land to the Grantee;

NOW THEREFORE, the Department, as authorized by law, and in compliance with all requirements imposed by or pursuant to Title 49 CFR, Department of Transportation, Subtitle A, Office of Secretary, Part 21, nondiscrimination in federally-assisted programs of the Department of Transportation (49 CFR 21.2 - 21.23) pertaining to and effectuating the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 252; 42 U.S.C. 2000d to 2000d-4), does hereby grant to the Grantee an easement for a right-of-way for the construction, operation, and maintenance of a highway and use of the space above and

below the established grade line of the highway pavement for highway purposes on, over, across, in, and upon the following described Federal land within the County of Montezuma, State of Colorado:

Township 37 North, Range 15 West, New Mexico Principal Meridian

SECTION	SUBDIVISION
7	S 1/2

as shown on the following plats:

Project No. S 0153(1) and S 0156(2) Dated December 1948 Number of Sheets-4

Marked Exhibits "A" attached hereto and made parts hereof, subject, however, to the following terms and conditions:

(1) Outstanding valid claims, if any, existing on the date of this grant, and the Grantee shall obtain such permission as may be necessary on account of any such claims.

(2) Construction of the highway facility is to be undertaken by the Grantee in compliance with the Act entitled "An Act for the Preservation of American Antiquities" approved June 8, 1906 (34 Stat. 225, 16 U.S.C. 432-433), and state laws where applicable.

(3) The easement herein granted shall terminate ten (10) years from the date of the execution of this deed by the United States of America in the event construction of a highway on the right-of-way is not started during such period.

(4) The easement herein granted is limited to use of the described right-of-way and the space above and below the established grade line of the highway pavement for the purpose of construction, operation, and maintenance of a highway in accordance with the approved plans described in the following condition numbered (5) and does not include the grant of any rights for non-highway purposes or facilities: Provided, that the right of the Bureau of Land Management to use or authorize the use of any portion of the right-of-way for non-highway purposes shall not be exercised when such use would be inconsistent with the provisions of Title 23 of the United States Code and of the Federal Highway Administration regulations issued pursuant

thereto or would interfere with the free flow of traffic or impair the full use and safety of the highway, and in any case the Federal Highway Administration shall be consulted prior to the exercise of such rights: and provided further that nothing herein shall preclude the Bureau of Land Management from locating Department of the Interior information signs on the portions of the right-of-way outside of construction clearing limits.

(5) The design and construction of highway projects situated on this right-of-way will be in accord with the provisions of Title 23, U.S.C. Code Highways, and amendments: the provisions of the Federal-Aid Highway Program Manual issued by the Federal Highway Administration; the construction specifications of the State Highway Department as approved by the Federal Highway Administration for use on Federal aid projects; and the following terms and conditions specified by the Bureau of Land Management:

a. The State shall immediately bring to the attention of the Federal Highway Administration any and all antiquities or other objects of historic or prehistoric ruins or artifacts discovered as a result of operations. The State shall immediately suspend all activities in the area of the object and shall leave such discoveries intact until told to proceed by the Federal Highway Administation. Approval to proceed will be based upon evaluation of the cultural significance of the object. Evaluation shall be by a qualified professional from a Federal agency insofar as practicable. When not practicable, the State shall bear the cost of the service of a non-Federal professional. The State shall follow the mitigation requirements set forth by the Federal Highway Administration concerning protection, preservation or disposition of any sites or material discovered. In those situations where the Federal Highway Administation determines the data recovery and/or

salvage excavations are necessary, the State shall bear the cost of such data recovery and/or salvage operations.

b. The State shall notify the San Juan Resource Area Manager, Federal Building, 701 Camino del Rio, Durango, Colorado 81301 (303) 247-4082 five (5) days prior to commencement of any construction activities to arrange a joint inspection of the right-of-way. The inspection will be held to agree on an acceptable rehabilitation plan. The plan may include recontouring, replacement of top soil, seeding, mulching, etc.

(6) Consistent with highway safety standards, the Grantee shall:

a. Protect and preserve soil and vegetative cover and scenic and esthetic values on the right-of-way outside of construction limits.

b. Provide for the prevention and control of soil erosion within the right-of-way adjacent lands that might be affected by the construction, operation, or maintenance of the highway, and shall vegetate and keep vegetated with suitable species, as specified in No. (5) above, all earth cut or fill slopes feasible for revegetation or other areas on which ground cover is destroyed.

The Grantee shall maintain all terracing, water-bars, lead-off ditches, or other preventive works that may be required to accomplish this objective. This provision shall also apply to slopes that are reshaped following slides which occur during or after construction.

(7) The Grantee shall:

Establish no borrow, sand, or gravel pits, stone quarry, or permanent storage areas, sites for highway operation maintenance facilities, camps, supply depot or disposal areas within the right-of-way unless shown on approved construction plans without first obtaining approval.

(8) The Grantee shall maintain the right-of-way and highway facilities to acceptable standards of repair, orderliness, neatness, sanitation, and safety.

(9) The Grantee shall maintain the right-of-way clearing by means of chemicals only after specific written approval has been given by the Department after consultation with the Bureau of Land Management. Application for such approval must be in writing and specify the time, methods, chemicals, and the exact portion of the right-of-way to be chemically treated.

(10) When need for the easement herein granted shall no longer exist and the area has been reasonably rehabilitated to protect the public and environment, the Grantee shall give notice of that fact to the Secretary of Transportation and the rights herein granted shall terminate and land shall immediately revert to the full control of the Secretary of the Department of the Interior or his assigns.

The Grantee, in consideration of the conveyance of said land, does hereby covenant and agree as a covenant running with the land for itself, its successors and assigns that (a) no person shall, on the grounds of race, color or national origin, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination with regard to any facility located wholly or in part on, over, or under such land hereby conveyed, (b) that the Grantee shall use said land so conveyed in compliance with all requirements imposed by or pursuant to Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Nondiscrimination in federally-assisted programs of the Department of Transportation, in effectuation of Title VI of the Civil Rights Act of 1964, and as said Regulations may be amended.

In the event of breach of any of the above-mentioned nondiscrimination conditions, the Department shall have the right to re-enter said land and facilities on said land, and the above-described land and facilities shall thereupon revert to and vest in and become the absolute property of the Department of Transportation and its assigns, as such interest existed prior to this instrument. (Reverter clause to be used only when it is determined

that such clause is necessary to effectuate the purpose of Title VI of the Civil Rights Act of 1964.)

IN WITNESS WHEREOF, I, _____ Regional Counsel, pursuant to delegations of authority from the Secretary of Transportation, the Federal Highway Administration, and _____ Chief Counsel, by virtue of authority in me vested by law, have hereunto subscribed my name as of the day and year first above written.

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

In Presence of:

_____ By _____
Regional Counsel

_____

STATE OF _____)
)
COUNTY OF _____)

I, _____, a Notary Public in and for the State of _____, do hereby certify that on this the ____ day of _____, 19____, before me personally appeared _____, Regional Counsel, Federal Highway Administration, and acknowledged that the foregoing instrument bearing date of _____, 19____, was executed by him in his offical capacity and by authority in him vested by law, for the purposes and intents in said instrument described and set forth, and acknowledged the same to be his free act and deed as Regional Counsel, Federal Highway Administration.

Witness my hand and seal this _____ day of _____, 19____.

(Notary Public)

Commission Expires _____

In compliance with the conditions set forth in the foregoing deed, the State Department of Highways, State of Colorado, certifies, and by the acceptance of this deed, accepts the right-of-way over certain land herein described and agrees for itself, its successors and assigns forever to abide by the conditions set forth in said deed.

STATE DEPARTMENT OF HIGHWAYS
DIVISION OF HIGHWAYS
STATE OF COLORADO

ATTEST:

H. D. Martin
T. A. LARIMER, Chief Clerk

By: Robert L. Clevenger
ROBERT L. CLEVENGER,
Chief Engineer

STATE OF COLORADO)
CITY &)
COUNTY OF DENVER)

I, JANICE S. LEAVERTON, a Notary Public in and for said City & County of Denver and State, hereby certify that ROBERT L. CLEVENGER Chief Engineer and H. D. MARTIN, for the Chief Clerk, for the State Department of Highways, Division of Highways, State of Colorado are signed to the foregoing conveyance and are known to me, acknowledged before me on this day that, being informed of the contents of the conveyance, they in their capacity as much, have executed the same voluntarily on this day.

Given under my hand and seal of office this 29th day of May, 19 87.

Janice S. Leaverton
Notary Public
4201 E. Arkansas
Denver, Colorado

(SEAL)

My Commission Expires March 13, 1990

COLORADO
STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED

COMB. F.E.D. AID SECONDARY PROJ. NO. S 0153 (1) & S 0156 (2)
STATE HIGHWAY NO. 145 & 147
MONTEZUMA COUNTY

INDEX OF SHEETS

EXHIBIT "A"

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1 IN. = 10 FT. VERTICAL
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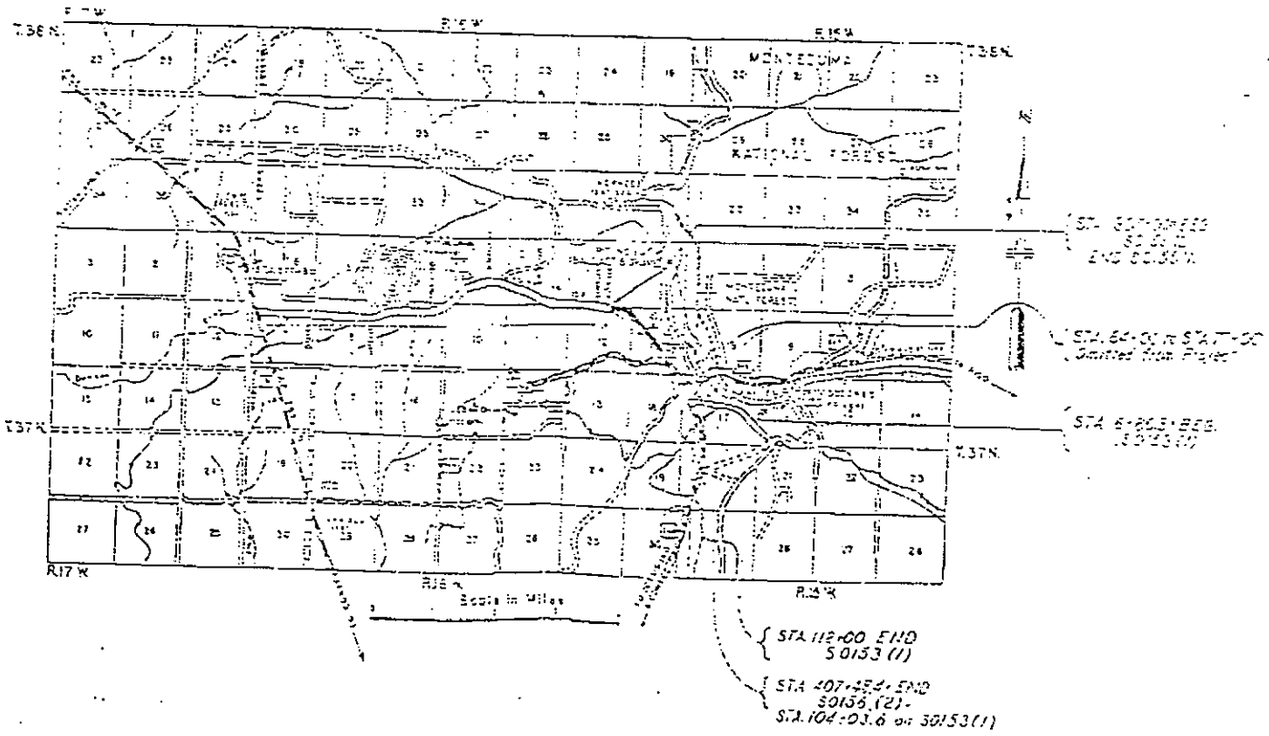
GRADES LENGTH OF PROJECT
NET LENGTH OF PROJECT

CONVENTIONAL SIGNS
CENTER LINE OF SURFACE
RIGHT OF WAY LINES
COUNTY LINES
TOWNSHIP LINES
SECTION LINES
ONE QUARTER SECTION LINE
BARBED WIRE FENCE
CONSERVATION WIRE FENCE
CHICKEN WIRE FENCE
TELEPHONE LINE
POWER LINE

RIGHT OF WAY



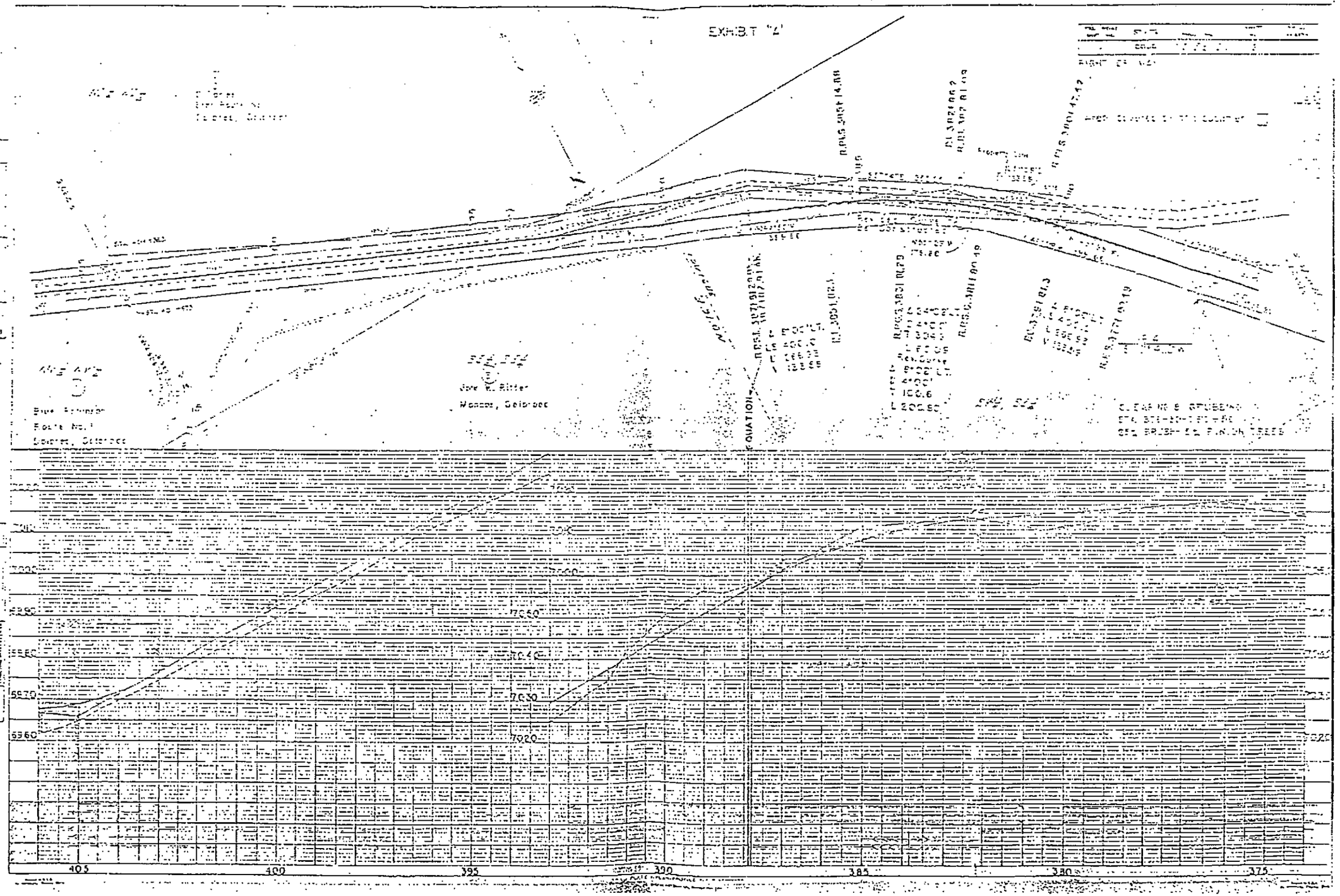
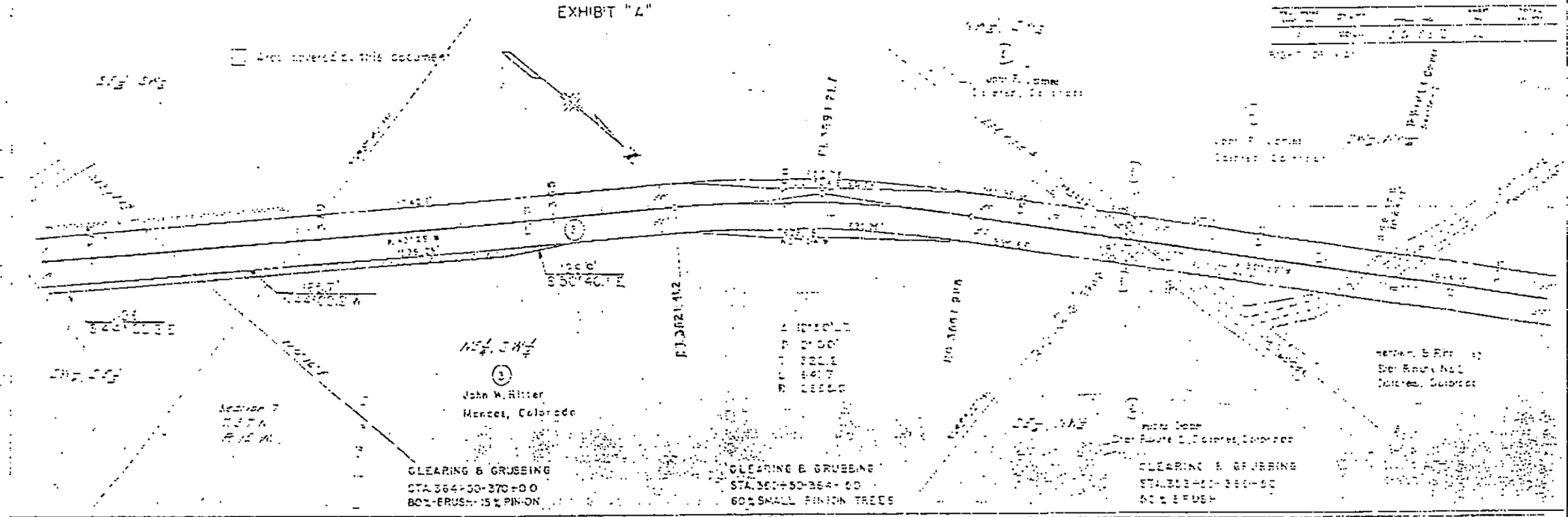


EXHIBIT "A"
Dave Schneider
Route No. 1
Delphos, Ottawa
Jack R. Ritter
Monroe, Delphos
7050
7040
7030
7020
7010
7000
6990
6980
6970
6960
405
400
395
390
385
380
375

EXHIBIT "A"


John W. Ritter
Mancos, Colorado
CLEARING & GRUBBING
STA 364+50-370+00
80% BRUSH-15% PINON
CLEARING & GRUBBING
STA 360+50-364+00
60% SMALL PINION TREES
CLEARING & GRUBBING

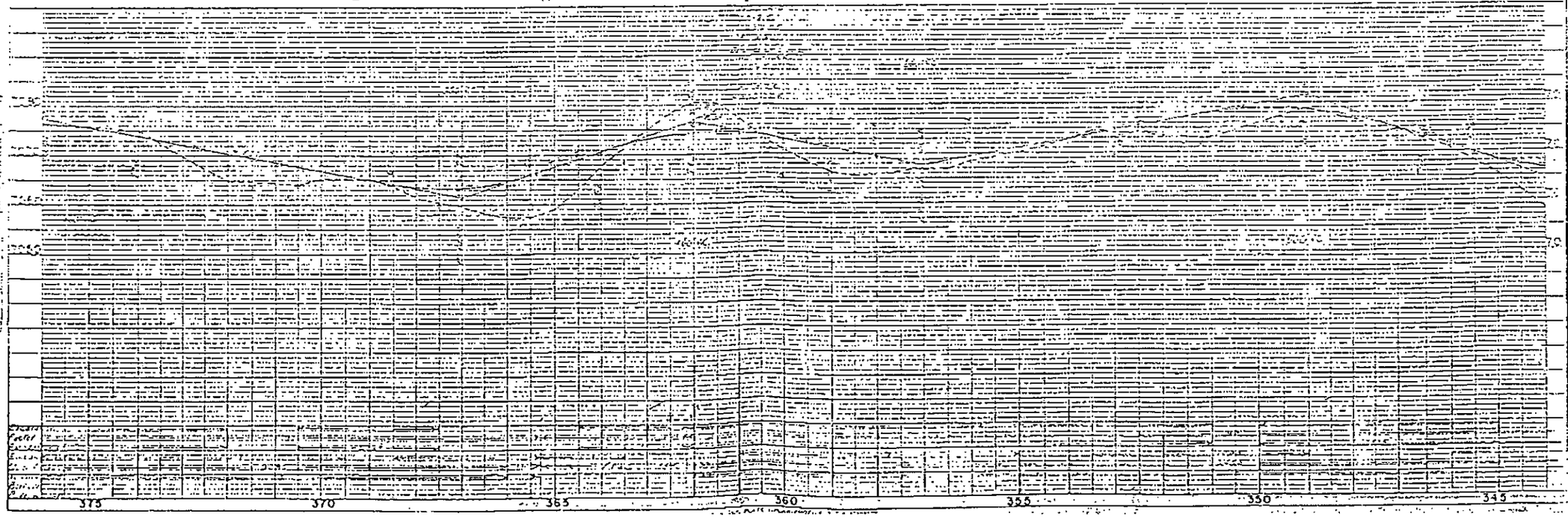
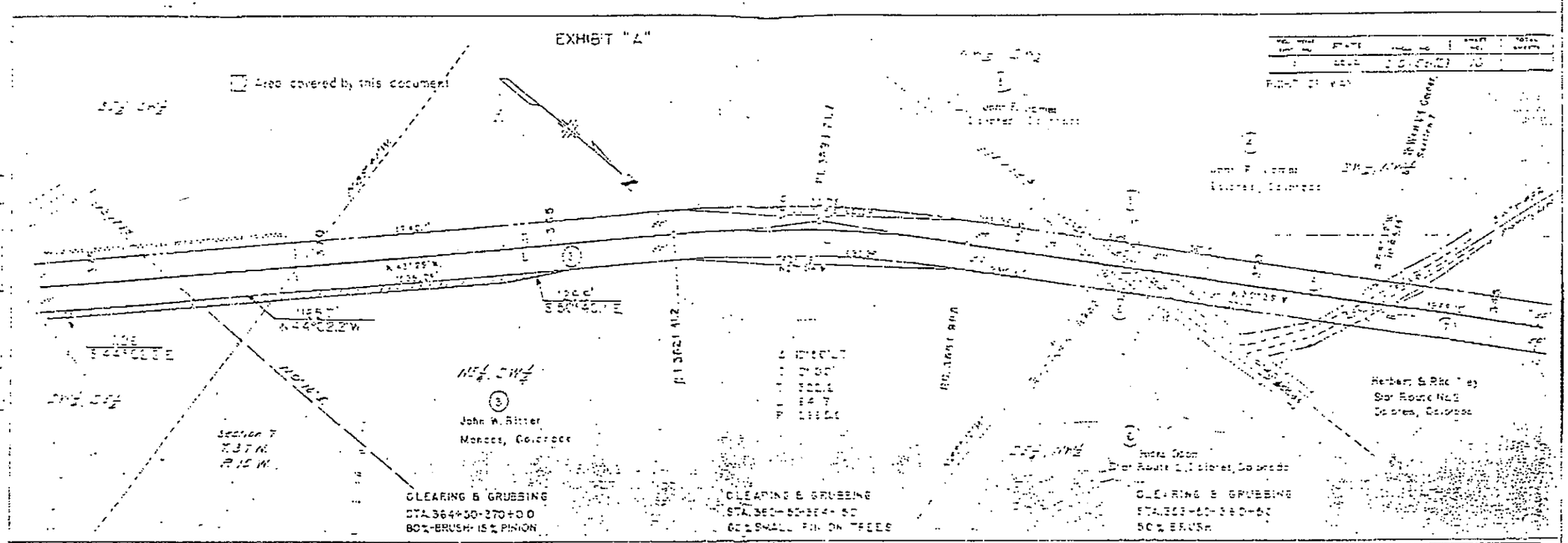
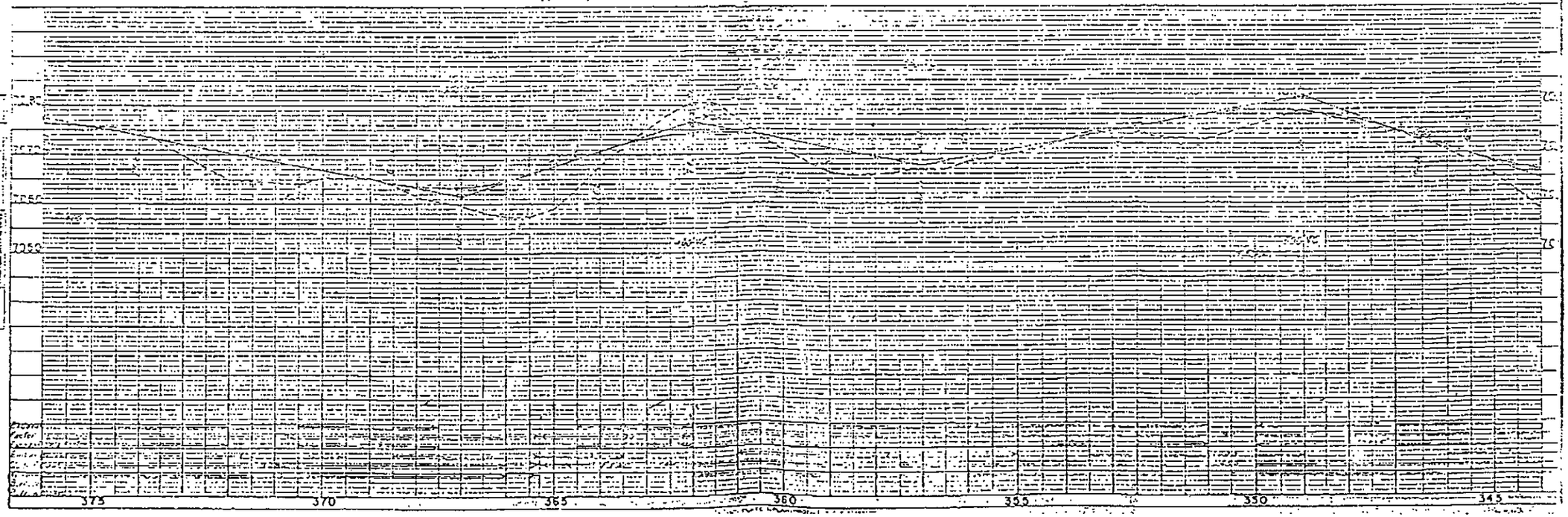

375
370
365
360
355
350
345

EXHIBIT "A"


Area covered by this document
Section 7
T.37 N.
R.15 W.
John W. Bitter
Mances, Colorado
CLEARING & GRUBBING
STA 364+30-370+00
80% BRUSH-15% PINION
CLEARING & GRUBBING
CLEARING & GRUBBING
50% BRUSH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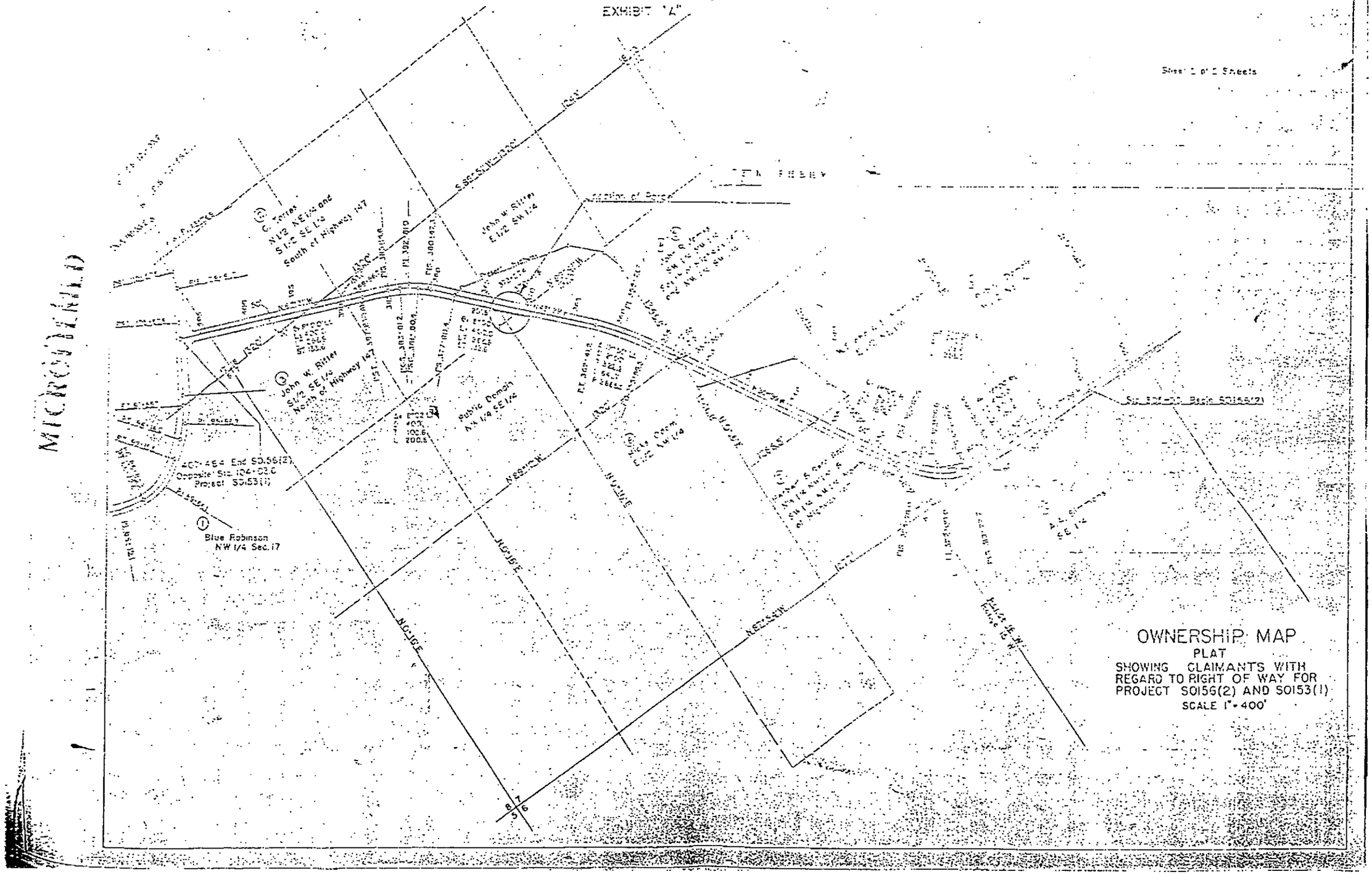
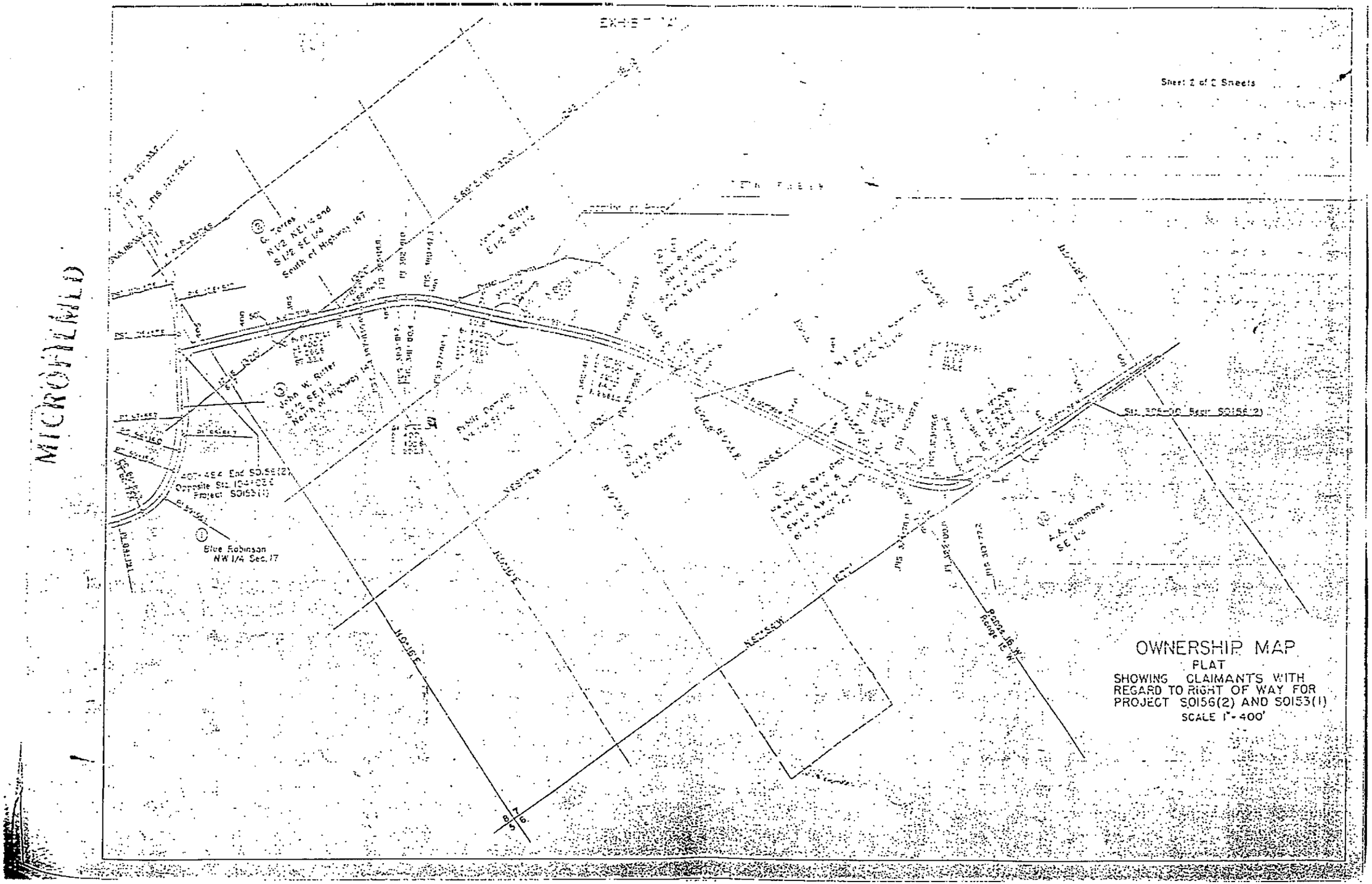


EXHIBIT "A"
Sheet 1 of 2 Sheets
C. Torres
N1/2 NE1/4 and
S1/2 SE1/4
South of Highway 147
John W. Ritter
E1/2 SW1/4
John W. Ritter
S1/2 SE1/4
North of Highway 147
Public Domain
N1/4 SE1/4
Sta. 104+48.4 End S0156(2)
Opposite Sta. 104+03.0
Project S0153(1)
Blue Robinson
NW1/4 Sec. 17
Sta. 3+00.00 Begin S0156(2)
NORTH
NOYES
OWNERSHIP MAP
PLAT
SHOWING CLAIMANTS WITH
REGARD TO RIGHT OF WAY FOR
PROJECT S0156(2) AND S0153(1)
SCALE 1" = 400'


MICROFILMED
EXHIBIT "A"
Sta. 305+00 Begin SO156(2)
Sta. 304+82.4 End SO156(2)
Opposite Sta. 104+82.4
Project SO153(1)
Blue Robinson
NW 1/4 Sec. 17
John W. Ritter
S 1/2 SE 1/4
North of Highway 167
G. Torres
N 1/2 NE 1/4 and
S 1/2 SE 1/4
South of Highway 167
John A. Ellis
E 1/2 SE 1/4
H.A. Simmons
SE 1/4
N 0°16'E
N 0°16'E
N 89°56'W
Range 16 W.
OWNERSHIP MAP
PLAT
SHOWING CLAIMANTS WITH
REGARD TO RIGHT OF WAY FOR
PROJECT SO156(2) AND SO153(1)
SCALE 1"=400'

APR 1987
Right of Way
Colo. D.O.H.

San Juan Resource Area
Federal Building
701 Camino del Rio
Durango, Colorado 81301

2800 (163)

APR 22 1987

Mr. A. A. Shahlo, District Engineer
State of Colorado, Department of Highways
District 5, 214 West 6th Street
Durango, Colorado 81301

Dear Mr. Shahlo:

We have been working with Brian Berge of your staff to authorize the widening of U. S. Highway 184 to provide safe public access for the Anasazi Heritage Center. There are two forms of authorization that could be used for this project; either a FLPMA Title V Right-of-Way to the Colorado Department of Highways, or a Highway Easement Deed, issued at the request of the Federal Highway Administration. For the right-of-way authorization, Department of Highways would apply on a Standard Form 299 (SF-299) application; for a highway easement deed, FHWA would prepare a letter of request to BLM per the procedure outlined in the Interagency Agreement between BLM and FHWA dated July 27, 1982. We are enclosing a SF-299 form and a copy of the Interagency Agreement for your use.

We understand that the Bureau of Reclamation plans to construct this project this summer; your cooperation will assure timely completion of the right-of-way or easement. Please contact Kathryn Bulinski or Mark Hollis at this office if we can provide further assistance.

Sincerely yours,

David J. Miller

David J. Miller
Area Manager

Enclosures

cc:
Mr. Leon Whitman
FHWA Colorado Division

Mr. Ed Tormohlen ✓
Colorado Department of Highways

I discuss with Ron Loerg 4/27/87 He will contact BLM to see what the problem is. We applied 3/14/86 under usual procedure
Ed T.

FED. ROAD DIST. NO.	STATE	COMB. PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S 0153 (1) & S 0156 (2)	1	

COLORADO
STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED
COMB. FED. AID SECONDARY PROJECT NO. S 0153 (1) & S 0156 (2)
STATE HIGHWAY NO. 145 & 147
MONTEZUMA COUNTY

INDEX OF SHEETS

S 0153 (1)	S 0156 (2)		
1	1	SKETCH MAP, TITLE PAGE AND TABULATION OF LENGTH	
2	2	TYPICAL SECTION AND SUMMARY OF QUANTITIES	
3	3	TABULATIONS OF SURFACING, BALLAST MATERIAL, FENCING REQUIRMENTS, RIGHT OF WAY MARKERS AND GUARD POSTS	
4-5	5	LIST OF STRUCTURES.	
5A	.	DETAILS FOR RAISING PRESENT BRIDGE STA. 91+	
6	.	DETAILS FOR DIV. BOX STA. 29+ AND DROP BOX STA. 46+	
7	7	STANDARD LETTERS & FIGURES FOR YEAR & STRUCTURE NUMBERS	M10B
8	8	STANDARD MARKER POSTS	M7B
9	9	STANDARD CORR. METAL PIPE CULVERT HEADWALL	M115BX
10	10	STANDARD TIMBER GUARD POSTS	M19B
11	11	STANDARD WIRE FENCES (UNTREATED WOODEN POSTS)	M24GX
12	12	STANDARD METHODS FOR SUPERELEVATION & WIDENING OF CURVES	M1B
13	13	TYPICAL SIDE APPROACH ROADS, FLARING, CUT SLOPE TREATMENT AND WIDENING AT BRIDGES	M2C
14	14	STANDARD ROADWAY CONSTRUCTION TRAFFIC SIGNS	M2D
15	15	CONTOUR INTERCEPTING & DRAINAGE DITCHES	M107B
16-20	16-21-25	ALIGNMENT, PLAN AND PROFILE (TYPICAL SECTION OF DITCHES ON SHEET 16)	
26-77	78-139	CROSS SECTIONS	
140	140	SUMMARY OF EARTHWORK QUANTITIES AND TABULATION OF INTERCEPTING DITCHES	

SCALES OF ORIGINAL TRACINGS

ON PLAN, 1 IN. = 1,320 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	10522.0 FEET = 1.992 MILES	S0153(1): 10238.4 FEET = 1.938 MILES; S0156(2): 10238.4 FEET = 1.938 MILES
NET LENGTH OF PROJECT	9222.0 FEET = 1.746 MILES	

CONVENTIONAL SIGNS

CENTER LINE OF SURVEY

RIGHT OF WAY LINES

COUNTY LINE

TOWNSHIP LINES

SECTION LINES

ONE QUARTER SECTION LINES

BARBED WIRE FENCE

COMBINATION WIRE FENCE

CHICKEN WIRE FENCE

TELEPHONE LINE

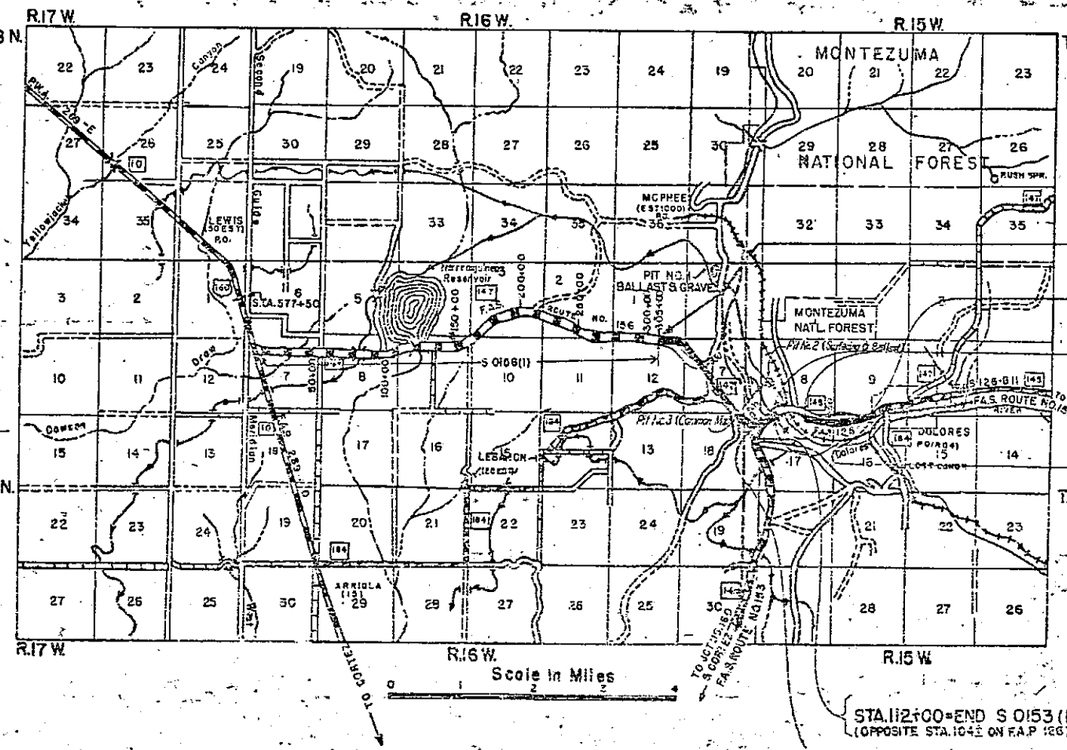
POWER LINE

TABULATION OF LENGTH & DESIGN DATA

STATION	ROADWAY LIN. FT.	BRIDGES LIN. FT.	LOADING	NO WORK SECTION LIN. FT.
6+86.3=BEG. S 0153(1) (1530 ft. East of Sta. 0+00=Beg. FAP. 126)	318.9			
10+05.2 Bk. = 10+07.6 Ah.	992.4			
20+00 City Limits	4,400.0			
64+00				4,300.0
77+00	1,452.8			
91+52.8 } BRIDGE		38.5		
91+91.3 }	662.5			
98+53.8 Bk. = 98+43.1 Ah.	1,356.9			
112+00=END S 0153(1) (Opp. Sta. 104± on FAP 126)				
407+48.4=END S 0156(2) (Opp. Sta. 104+03.6 on S 0153(1))				
387+83 Ah. = 387+81.2 Bk.	1,965.4			
327+87.6 Ah. = 327+76.6 Bk.	5,993.4			
305+00=BEG. S 0156(2) (Sta. 305+00 on and End of S 0156(1))	2276.6			
Comb. Total	19,418.9	38.5		1300.0

SUMMARY	LIN. FT.	MILES
S 0153(1) Roadway (Inside Dolores)	1311.3	.248
S 0153(1) Roadway (Outside Dolores)	7872.2	1.491
S 0153(1) Bridges	38.5	.007
S 0153(1) No Work Section	1300.0	.246
S 0153(1) Total Net Length	9,222.0'	1.746
S 0153(1) Total Gross Length	10,522.0'	1.992
S 0156(2) Total Net and Gross Length	10,235.4'	1.938

DESIGN DATA	
Maximum Degree of Curve	10° 00'
Maximum Grade	6.50 %
Minimum N.P.S.D. - Horizontal	350 ft.
Minimum N.P.S.D. - Vertical	335 ft.
Maximum Design Speed	45 M.P.H.



NOTE:

It is recommended that bidders on this Project go over the Plan details with one of the following field representatives of this Department:

Chas. E. Shumate — District Engineer, Pueblo, Colo.
J. E. Casey — Construction Engineer, Durango, Colo.

RECOMMENDED FOR APPROVAL
Joseph Bell
ASSISTANT ENGINEER DATE 10-21-48

APPROVED
Mark C. Walker
STATE HIGHWAY ENGINEER DATE 10-22-48

RECOMMENDED FOR APPROVAL DATE
DISTRICT ENGINEER PUBLIC ROADS ADMINISTRATION FEDERAL WORKS AGENCY

APPROVED DATE
DISTRICT ENGINEER PUBLIC ROADS ADMINISTRATION FEDERAL WORKS AGENCY

RECEIVED
DIST. 5-DURANGO
JAN 30 1986

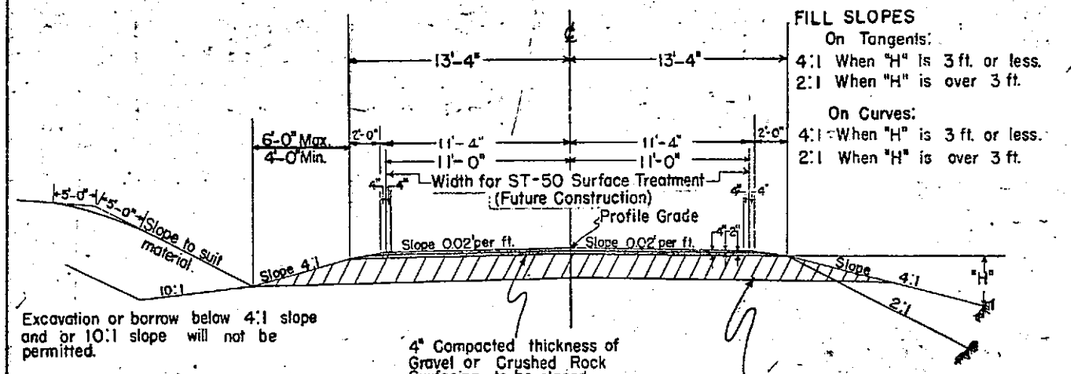
FED. ROAD DIST. NO.	STATE	COMB. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S0153(1)& S0156(2)	2	

TYPICAL CROSS SECTION OF IMPROVEMENT AND SUMMARY OF QUANTITIES

Rev. 11-19-48 R.S.M.

NOTE:
See Standard M-2-C for details of cut slope treatment, flaring and widening for guard fence and/or guard posts.

TYPICAL SECTION



FILL SLOPES
On Tangents:
4:1 When "H" is 3 ft. or less.
2:1 When "H" is over 3 ft.

On Curves:
4:1 When "H" is 3 ft. or less.
2:1 When "H" is over 3 ft.

Excavation or borrow below 4:1 slope and or 10:1 slope will not be permitted.

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.

4" Compacted thickness of Gravel or Crushed Rock Surfacing to be placed as follows:

Approximate 2" Top Course Surfacing to be placed at the rate of 25 tons per 100 lin. ft. of roadway.

Approximate 2" Bottom Course Surfacing to be placed at the rate of 29 tons per 100 lin. ft. of roadway.

The upper portion of subgrade is to be constructed of "Ballast" Estimated quantities involved in this operation and thickness of material required are shown in the tabulation on Sheet No. 3.

GENERAL NOTES

This project is to be constructed in conformity with the Standard Specifications of the Colorado State Highway Department adopted January 1, 1948.

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

All roadway excavation required to construct this project is to be obtained as indicated on the plans. Quantities involved beyond the limits of the ditch, as shown on the Typical Section, either noted on the profile as "Borrow" or on List of Structures as "Embankment, are to be classified and paid for as "Unclassified Excavation. These quantities are to be staked as part of the original excavation at locations indicated on the plans. Slope stakes beyond the limits of the Typical Section as shown are subject to change by the Engineer to fit conditions actually met in construction.

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

All Corrugated Metal Pipe Cross Culverts shall be laid without headwalls unless otherwise noted on plans.

The ends of the Corrugated Metal Pipe Culverts shall be covered with approximately 6 inches of embankment material in such a manner that a minimum of metal shall be exposed in the completed work. This shall be accomplished by warping embankment slopes around and adjacent to the culvert.

All side approach roads to the project shall be gravel surfaced with a 4 inch thickness of "Gravel or Crushed Rock Surfacing" extending approximately to the Right of Way Line. Estimated tonnage of "Surfacing Material" required in this operation is shown in the Surfacing Plan.

Except as otherwise noted on the plans, payment for overhaul will be based on measurement along the centerline of the project.

The entire project shall be cleared in conformity with the requirements of the Standard Specifications, except that such trees or shrubs as the Engineer may designate shall be left in place and protected from damage during construction operations.

Right of Way Fences including line posts shall be constructed approximately six (6) inches inside the boundary of the Highway Right of Way as shown on the plans.

All curves are to be superelevated and widened as provided by the Standard Superelevation Sheet included with the plans, except as otherwise noted on plans. In cases where spiral curves are used the transition from normal crowned section to full superelevation and widening (where required) shall take place over the full length of spiral curve.

The ends of all cuts shall be flared and backslopes flattened to discharge side ditch drainage away from the base of adjacent fill slopes. The transition of flattened backslopes and ditch shall be constructed in such manner that a uniform appearance of slope and ditch results, and so as to promote the growth of native groundcover.

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

The Detour for this project lies along the present traveled road. At all places on the project where the new work lies along the present traveled road, The Contractor shall, at his own expense, prosecute construction in such manner that traffic may readily pass over the road. Also, the Contractor shall maintain in safe condition, and at his own expense all temporary approaches to and crossings of intersecting roads.

Intercepting ditches shall be placed on light grades (not over 1%) following the ground contour, and where possible shall be so constructed that the direction of flow will be away from the roadway in order to spread runoff and thereby avoid erosion. This work shall be done in accordance with the methods shown on Standard Sheet No. 15 included in the plans. These ditches shall be constructed at locations staked by the Engineer. Approximate location and quantities are tabulated on Sheet No. 140.

It is estimated that wetting and rolling will be required on fills over 5 feet in depth and other locations considered necessary by the Engineer.

Curves on this project over 5 degrees shall be provided with the superelevation shown on the Standard Superelevation sheet for a 5 degree curve.

All concrete used on this project shall be "Air Entrained Concrete."

Flat wheeled roller may be substituted for rubber tired roller.

*Non Fed Aid

SUMMARY OF APPROXIMATE QUANTITIES

ITEM NO.	ITEM	UNIT	NON FED. AID	ROADWAY S0153(1)		S0156(2)	PROJECT TOTALS
			BRIDGE STA. 91+	INSIDE DOLORES	OUTSIDE DOLORES		
10a	Clearing & Grubbing Entire Project.	Lump Sum		Prorated	Prorated	Prorated	•
11a	Removal of 2-Structures.	Lump Sum		•			•
11b	Removal of 4-Structures.	Lump Sum			•		•
11c	Removal of 1-Structure.	Lump Sum				•	•
11d	Raising Present Superstructure, Sta. 91+	Lump Sum	•				•
11e	Remove & Rebuild Cattle Guard	Each			1		1
12a	Removing Fence	Lin. Ft.			7,100	9,500	16,600
13c	Unclassified Excavation	Cu. Yd.	50	3,000	28,450	36,500	68,000
13d	Unclassified Ditch Excavation.	Cu. Yd.		450	1,900	1,550	3900
14a	Dry Rock Excavation (Str.).	Cu. Yd.		5	35	30	70
14b	Dry Common Excavation (Str.).	Cu. Yd.	30	30	190	180	430
14c	Wet Rock Excavation (Str.).	Cu. Yd.		5	20	15	40
14d	Wet Common Excavation (Str.).	Cu. Yd.		10	80	80	170
16a	Structure Backfill (Class 1).	Cu. Yd.	10	35	415	400	860
16d	Mechanical Tamping.	Hour	2	10	108	100	220
17a	Rolling with Tamping Roller.	Unit Hour			90	30	180
17c	Rolling with Rubber Tired Roller.	Hour		15	85	120	220
17d	Furnishing Tamping Roller.	Roller Unit			2		4
17f	Furnishing Rubber Tired Roller	Lump Sum		Prorated	Prorated	Prorated	•
17g	Wetting	M-Gal.		45	545	700	1290
18a	Station Yard Overhaul.	Sta. Yd.			91,500	48,500	140,000
18b	Yard Mile Overhaul.	Yd. Mi.			600	100	700
18c	Ton Mile Overhaul.	Ton Mi.		1500	1100	27,900	30,500
23a	Ballast (Class 1)	Ton		780	6430	6,690	13,900
23b	Ballast (Class 2)	Ton		1070	5480	13750	20300
26b	Gravel or Crushed Rock Surfacing (Grading B)	Ton		450	2450	3,100	6,000
26c	Gravel or Crushed Rock Surfacing (Grading C).	Ton		450	2,350	2900	5,700
44a	Miscellaneous Untreated Timber.	M ft bm.			0.3		0.3
46a	Class A Concrete	Cu. Yd.	22		14	14	50
47	Reinforcing Steel	Lb.	620		1080	1,100	2800
48	Structural Steel	Lb.	1100				1100
51c	Relaying 24" Pipe.	Lin. Ft.				28	28
51e	Relaying 36" Pipe.	Lin. Ft.				26	26
31c	Stone Screenings (Type 1) (Stockpile)	Ton		90	#490	△2,060	△2640
31d	Stone Screenings (Type 2) (Stockpile)	Ton		40	#210	△ 890	△1,140
53a	15" Corrugated Metal Culvert Pipe	Lin. Ft.		76			76
53b	18" " " " "	" "			103	134	237
53c	24" " " " "	" "		48	664	297	1009
53e	36" " " " "	" "			220	301	521
53g	48" " " " "	" "				60	60
53k	84" " " " "	" "			52	48	100
76b	Barbed Wire Fence with Untreated Wooden Posts	Lin. Ft.			3300	19400	22700
76e	Combination Wire Fence with Untreated Wooden Posts	Lin. Ft.			9,750	350	10,100
76g	Barbed Wire Gates.	Each				9	9
76h	Driveway Gates.	Each			10		10
81b	Right of Way Markers.	Each		4	15	26	45
92	Timber Guard Posts.	Each			91	35	126
	STATE FORCES						
81a	Project Markers.	Each			1	1	2
	FORCE ACCOUNT						
20a	Obliterating Old Road.	Lump Sum			Prorated	Prorated	•
	Relocating Telephone Poles (Work by Tel. Co. Forces)	Lump Sum			•	•	•
	Relocating Power Poles (Work by Power Co. Forces)	Lump Sum			•		•
	Place 6" of earth in bottom of C.M.P. Stock Pass Sta. 36+50 & Sta. 337+00	Lump Sum			•	•	•
	RIGHT OF WAY (FORCE ACCOUNT)						
	Move Shed & Corral Rt. Sta. 23+	Lump Sum			•		•
	Move Road Approaches Sta. 52+	Lump Sum			•		•

Includes 70 Tons Type 1 & 30 Tons Type 2 Stone Screenings for No Work section Sta. 64+00 to 77+00

△ Includes 1530 Tons Type 1 & 660 Tons Type 2 Stone Screenings for Project No. S 0156 (1)

MICROFILMED

FED. ROAD DIST. NO.	STATE	COMB. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S0153(1) & S 0156(2)	3	

Rev. 11-19-48 ~ R.S.M. Fencing

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	QUANTITY AVAILABLE	QUANTITY TONS USED TOP COURSE GRADING-C	QUANTITY TONS USED BOTTOM COURSE GRADING-B	OVERHAUL TON MILE TOP COURSE	OVERHAUL TON MILE BOTTOM COURSE
S 0153(1)	Approach to Project	Pit No.2 SW¼ Sec.8 T.37N. R.15W.	Ample	25	29	17	20
INSIDE DOLORES	6+86.3 to 10+05.2 Bk.			80	92	51	59
	10+07.6 Ah. to 20+00			248	288	128	148
	Estimated for Approaches CITY LIMITS			102		57	
OUTSIDE DOLORES	20+00 to 42+20			555	644	117	135
	42+20 to 64+00			545	632	Free	Free
	Approach to old road Sta.64+	3100'to Sta.64+00 or		35	40	Free	Free
	Approach to old road Sta77+	2600'to Sta.77+00.		50	55	Free	Free
	77+00 to 91+52.8			364	422	Free	Free
	91+91.3 to 98+53.8 Bk.			166	193	Free	Free
	98+43.1 Ah. to 103+69			132	153	Free	Free
	103+69 to 112+00			208	241	16	19
	Approach to Project			25	29	4	5
	Estimated for Approaches			221		15	
S 0156(2)	Approach to 30153(1)			40	50	1	1
	407+48.4 to 387+83.0 Ah.			491	570	96	111
	387+81.2 Bk. to 327+87.8 Ah.			1498	1738	1421	1649
	327+76.6 Bk. to 305+00			569	660	985	1143
	Estimated for Approaches			229		221	
	Total Inside Dolores			455	409	253	227
	Total Outside Dolores			2301	2409	152	159
	Total S0156(2)			2827	3018	2724	2904

SELECT BALLAST MATERIAL

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.

	MATERIAL TO BE PLACED	SOURCE	QUANTITY AND THICKNESS AVAILABLE	THICKNESS "T"	CLASS 1 THICK-NESS	CLASS 1 TONS	CLASS 2 THICK-NESS	CLASS 2 TONS	OVERHALL TON MILES
S0153(1)	6+86.3 to 10+05.2 Bk.	Pit No.2 SW¼ Sec. 8 T.37N. R.15W.	Ample	9"	4"	188	5"	258	285
INSIDE DOLORES	10+07.6 Ah. to 20+00			9"	4"	586	5"	804	715
	CITY LIMITS								
OUTSIDE DOLORES	20+00 to 33+50			9"	4"	737	5"	1094	553
	33+50 to 36+50			6"	6"	273			37
	36+50 to 42+20			9"	4"	336	5"	462	43
	42+20 to 46+00	3100'to Sta.64+00		9"	4"	224	5"	308	Free
	46+00 to 64+00	or		6"	6"	1638			Free
	77+00 to 86+00	2600'to Sta.77+00.		6"	6"	819			Free
	86+00 to 91+52.8			14"	6"	504	8"	776	Free
	91+91.3 to 98+53.8 Bk.			14"	6"	604	8"	929	Free
	98+43.1 Ah. to 103+69			14"	6"	479	8"	737	Free
	103+69 to 112+00			14"	6"	756	8"	1163	151
S0156(2)	407+48.4 to 405+50			14"	6"	181	8"	278	13
	405+50 to 387+83.0 Ah.			10"	4"	1043	6"	1749	597
	387+81.2 Bk. to 337+50			10"	4"	2968	6"	4381	6817
	337+50 to 327+87.8 Ah.			20"	4"	568	16"	2800	4900
	327+76.6 Bk. to 323+00			20"	4"	281	16"	1387	2604
	323+00 to 305+00			14"	6"	1638	8"	2520	7389
	Total Inside Dolores					774		1062	1000
	Total Outside Dolores					6430		5469	784
	Total S0156(2)					6679		13715	22220

FENCING REQUIREMENTS

	STATION	SIDE	REMOVE FENCE LIN. FT.	BUILD COMB. FENCE LIN. FT.	BUILD BARB. WIRE FENCE LIN. FT.	GATES BARB. WIRE	GATES DRIVE
S0153(1) - OUTSIDE DOLORES	20+00 to 23+50	Lt.	380				
	20+10 to 36+50	Lt.		1680			
	23+50 to 29+60	Rt.	630	"			
	26+30 to 50+00	Rt.	"	2370			1
	26+	Rt.					1
	27+25	Lt.					1
	29+	Rt.					1
	29+34 to 31+15	Lt.& Rt.	220				1
	30+25	Rt.					1
	31+40	Lt.					1
	36+50 to 62+66	Lt.		2660			
	43+40	Rt.					1
	45+59	X	100				1
	50+	Rt.					1
	50+00 to 51+20	Rt.	130				
	51+20 to 63+00	Lt.	1185				1
	51+60	Lt.	30				
	52+50	Lt.					1
	61+62 to 62+70	Lt.	125				
	77+00 to 91+52.8	Lt.		1660			
S0156(2) - OUTSIDE DOLORES	74+70 to 80+84	Rt.& Lt.	720				
	79+14 to 91+12	Rt.& Lt.	1150				
	79+14 to 91+52.8	Rt.		1330			2
	83+50	Rt.& Lt.					2
	90+50 to 112+00	Lt.	2250				
	91+91.3 to 112+00	Lt.			2030		
	91+91.3 to 103+53.6	Rt.			1270		
	92+15 to 93+40	Rt.	130				
	406+00 to 352+28	Rt.			5340		
	404+25 to 354+10	Lt.			5080		
	405+42 to 380+30	Rt.	2530				
	404+25 to 381+50	Lt.	2300				
	382+00	Rt.				1	
	380+30 to 378+29	Lt.	210				
	378+00	Lt.				1	
	376+00	Lt.& Rt.				2	
	376+50	X	125				
	353+22	X	210				
	353+16	Rt.	55				
	352+72 to 305+00	Lt.			4710		
	352+72 to 347+20	Lt.& Rt.	630				
	350+95 to 317+70	Rt.			3080		
	347+05	X	170				
	347+00	Rt.				1	
	341+00	Rt.& Lt.				2	
	339+41	X	125				
	327+42	X	210				
	320+50 to 318+90	Lt.	180				
	319+50 to 318+90	Rt.	120				
	318+90 to 311+50	Rt.	765				
	318+48	Rt.				1	
	317+70 to 316+00	Rt.		330			1
	317+00 to 315+60	Rt.	140				
	316+00 to 305+00	Rt.			1100		
	312+25	Lt.				1	
	311+50 to 305+00	Lt.	650				
	315+70 to 305+00	Rt.	1080				
	Total S0153(1) Outside Dolores		7050	9700	3300		10
	Total S0156(2)		9500	330	19310	9	

TIMBER GUARD POSTS

	STATION	SIDE	SPACING	NO.
S0153(1) - OUTSIDE DOLORES	21+94	Rt.& Lt.	Culvert	2
	25+50	Rt.& Lt.	Culvert	2
	27+40	Rt.& Lt.	Culvert	2
	28+47	Rt.& Lt.	Culvert	2
	30+50	Rt.& Lt.	Culvert	2
	35+50	Rt.& Lt.	Culvert	2
	38+40	Rt.& Lt.	Culvert	2
	49+00	Rt.& Lt.	Culvert	2
	56+00 to 64+00	Lt.	50'	17
	56+50	Rt.	Culvert	1
	77+00	Rt.& Lt.	Culvert	2
	81+50 to 90+50	Rt.	50'	19
	85+98	Lt.	Culvert	1
	87+05	Lt.	Culvert	1
	91+00 to 91+52	Rt.& Lt.	Bridge	10
S0156(2)	91+91 to 92+50	Rt.& Lt.	Bridge	10
	93+00 to 97+50	Rt.	50'	10
	98+15	Rt.& Lt.	Culvert	2
	102+00	Rt.& Lt.	Culvert	2
	406+05	Rt.& Lt.	Culvert	2
	394+50	Rt.& Lt.	Culvert	2
	380+00	Rt.& Lt.	Culvert	2
	370+50	Rt.& Lt.	Culvert	2
	359+00	Rt.& Lt.	Culvert	2
	352+50	Rt.& Lt.	Culvert	2
	351+00	Rt.& Lt.	Culvert	2
	343+70	Rt.& Lt.	Culvert	2
	328+60	Rt.& Lt.	Culvert	2
	325+50 to 318+00	Rt.	50'	16
	322+92	Lt.	Culvert	1
	Total S0153(1) Outside Dolores			91
	Total S0156(2)			35

R.O.W. MARKERS

STATION	SIDE	NO.
INSIDE DOLORES		
13+00	Rt.	1
14+00	Rt.	1
20+00	Lt.	2
OUTSIDE DOLORES		
56+27.3	Rt.	1
58+61.1	Lt.	1
59+77.3	Rt.& Lt.	2
61+99.0	Rt.& Lt.	2
63+16	Lt.	1
65+49	Rt.	1
77+00	Rt.& Lt.	2
92+15.5	Rt.	1
94+14	Rt.	1
103+00	Rt.	1
106+00	Rt.& Lt.	2
Total S0153(1) Inside Dolores		4
Total S0153(1) Outside Dolores		15

STATION	SIDE	NO.
406+00	Rt.& Lt.	2
387+83.0 Ah = 387+81.2 Bk	Rt.	1
385+14.8	Lt.	1
383+81.2	Rt.& Lt.	2
381+80.4	Rt.& Lt.	2
380+47.3	Lt.	1
377+80.4	Rt.	1
350+00	Rt.& Lt.	2
329+00	Rt.& Lt.	2
327+87.8 Ah = 327+76.6 Bk	Rt.& Lt.	2
324+78	Rt.	1
323+26.6	Rt.& Lt.	2
320+70.6	Rt.& Lt.	2
319+22.2	Rt.	1
316+20.5	Rt.& Lt.	2
315+00	Rt.& Lt.	2
Total S0156(2)		26

MICROFILMED

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0153(1)	4	

Rev. 11-19-48 R.S.M. re Cattle Guard

LIST OF STRUCTURES

STATION	DESCRIPTION	REMOVE STRUCT. NO.	EXCAVATION UNCLASS. CU. YD. EXCAV.	EXCAVATION UNCLASS. CU. YD. EMB.	EXCAVATION UNCLASS. DITCH CU. YD.	STRUCTURAL EXCAV. CU. YD. Δ	STRUCT. BACK-FILL CU. YD. CL. I	MECH. TAMP. HR.	GRAVEL OR CR. ROCK SURF. TON	CONCRETE CU. YD. CL."A"	CONCRETE CU. YD. CL."B"	REINF. STEEL LB.	CORR. METAL CULVERT PIPE LIN. FT. 15"	18"	24"	36"	48"	84"	RELAYING PIPE LIN. FT. 24"	36"	MISCELLANEOUS
Inside Dolores																					
6+86.3	Approach to Project.		30						*												
7+20	Side Drain Rt. & Road Approach Rt. & Lt.					15	11		36				50								
	Rem. 4'x36' Iron Pipe Rt.	1																			
9+30	Road Approach Lt.								11												
11+40	Road Approach Lt.								18												
12+80	Side Drain & Road Approach Lt.					10	6		11				26								
	Rem. 8"x25' Wood Side Drain Lt.	1																			
13+50	Cross Culvert and Inlet Ditch.				5	13	16								48						
16+15 to 20+00	Ditch Change Rt.				340																
16+50	Road Approach Lt.			30					15												
19+20	Road Approach Lt.			40					11												
	Mechanical Tamping for all Structures Inside Dolores.							8													
20+00 to 22+75	Ditch Change Rt.				235																
21+94	Extend 18'x26' Cross Culvt 16' Lt. & Ditches				5	5	4							17							
22+ to 25+	Ditch Change Lt.				60																
24+50	Side Drain, Road Approach & Ditches Rt.			15	5	10	8		44					32							
25+50	Cross Culvert and Ditches.				5	10	15								46						
27+25	Road Approach Lt.			70					20												
27+40	Cross Culvert and Ditches.				5	15	20								60						
28+ to 30+	Move Shed and Corral Rt.		[R.O.W. ITEM (FORCE ACCOUNT)]																		
28+47	Cross Culvert, Culvert under Irrig. Ditch Lt. & Ditches.				45	25	21								48						
29+	Wooden Division Box Lt.					2	1								16						97.5 ft. bm. Misc. Untreated Timber
29+ to 36+	Ditch Change Lt.				50																
30+25	Road Approach Rt.			35					17												
30+50	Cross Culvert and Ditches				5	10	33								100						
31+40	Side Drain & Road Approach Lt.			120			6		25					24							
36+50	Cross Culvert, 2-Std. M-115-BX Headwalls and Ditches. (Stock Pass)				40	80	65			13.9		1070					52				
36+50	Placing 6" of Earth in Bottom of Stock Pass.		(FORCE ACCOUNT)																		
38+40	Cross Culvert and Ditches.				5	10	23								70						
38+ to 46+	Ditch Change Lt.				140																
43+40	Side Drain, Road Approach & Ditches Rt.		210		10	15	10		36						30						
46+	Wooden Drop Box Lt. (H=3')					2															153.8 ft. bm. Misc. Untreated Timber
49+00	Cross Culvert and Ditches.				2	10	14								44						
52+50	Road Approach Lt.			120					31												
54+	Move Shed Lt.				[R.O.W. ITEM (FORCE ACCOUNT)]																
56+50	Cross Culvert & Inlet Ditch.				50	20	17								52						
64+00	Cross Culvert and Ditches.				20	15	16								48						
64+	Approach to Old Road Rt.		370						*												
76+70	Rem. 15"x32' C.M.P. & 2-Headwalls Rt.	1																			
77+00	Approach to Old Road Rt, Cross Culvt and Ditches.			820	20	10	14		*						44						
78+ to 85+	Ditch Change Rt			20	130																
83+50	Side Drain Rt., Road Approach Rt. & Lt. & Remove & Rebuild Cattle Guard Lt.			330			6		48					30							Remove & Rebuild Cattle Guard
86+00	Cross Culvert and Ditches.				5	10	18								56						
87+05	Cross Culvert and Ditches. Rem. 15"x32' C.M.P. with Hdwls & 9'x.10' C.I.P. Lt.	2			11	5	16								50						
87+ to 91+	Ditch Change Rt.				60																
91+52.8 to 91+91.3	Raise Present Bridge.				(QUANTITIES IN SUMMARY)																
98+15	Cross Culvert and Ditches.				5	40	68									142					
Outside Dolores																					

S0153(1)

CONT'D ON SHEET NO. 5

FED. ROAD DIST. NO.	STATE	COMB. PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S0153(1) & S0156(2)	5	

LIST OF STRUCTURES

CONT'D FROM SHEET NO. 4

STATION	DESCRIPTION	REMOVE STRUCT. NO.	EXCAVATION UNCLASS. CU. YD. EXCAV.	EXCAVATION UNCLASS. CU. YD. EMB.	EXCAVATION UNCLASS. DITCH CU. YD.	STRUCTURAL EXCAV. CU. YD. Δ	STRUCT. BACK-FILL CU. YD. CL. 1	MECH. TAMP. HR.	GRAVEL OR CR. ROCK SURF. TON	CONCRETE CU. YD. CL."A"	CONCRETE CU. YD. CL."B"	REINF. STEEL LB.	CORR. METAL CULVERT PIPE LIN. FT. 15"	18"	24"	36"	48"	84"	RELAYING PIPE LIN. FT. 24"	36"	MISCELLANEOUS
S0153(1) Outside Dolores																					
100+95	Rem. 2'x3'x24' Wooden Box Culvert.	1																			
102+00	Cross Culvert and Ditches.				10	20	37									78					
112+00	Project Marker & Approach to Project. Mechanical Tamping for all Structures	Outside Dolores.						103	*												1-Project Marker (State Forces)
407+	Project Marker and Type I Approach to Proj. S 0153(1)			660					*												1-Project Marker (State Forces)
406+08	Rem. 36"x26' C.M.P.	1																			
406+05	Cross Culvert, Dike at Inlet and Ditches.				¤20	40	35									72					
394+50	Cross Culvert, Dike at Inlet and Ditches.				¤25	15	24									50					
382+00	Road Approach Rt.		25						17												
380+00	Cross Culvert and Inlet Ditch.				10	10	15								46						
378+00	Side Drain, Ditches & Road Approach Lt.			45	5	10	8		19					30							
376+00	Road Approach Rt. & Lt.		45						36												
370+50	Cross Culvert, Dike & Inlet Ditch.				¤10	10	17								52						
365+50	Cross Culvert and Inlet Ditch.				5	18	30									62					
359+00	Cross Culvert and Inlet Ditch.				10	30	39										60				
352+50	Cross Culvert, Ditches & Road Appr. Rt & Lt.			100	10	15	18		60						54						
351+00	Cross Culvert					10	17								52						
347+00	Side Drain & Ditches, Road Approach, Rt.			30	5	10	7		17					26							
343+70	Cross Culvert and Ditches.				10	10	32									66					
341+00	Side Drain & Ditches Lt. Road Appr. Rt & Lt.			100	5	5	7		40					26							
337+00	Cross Culvt, 2-Std M-115-BX Hdwls, & Ditches (Stock Pass)				50	60	60			13.9		1070					48				
337+00	Placing 6" of Earth in Bottom of Stock Pass.			(FORCE	ACCOUNT)																
328+60	Cross Culvert and Ditches.				5	10	20								60						
322+92	Relay 36"x26' Cross Culvert & Extend 50'. Inlet Ditch.				5	25	36									1-51				26	
318+48	Side Drain, Ditches & Road Approach Rt.			30	5	5	7		20					26							
312+25	Side Drain, Ditches & Road Approach Lt.			50	5		7		20					26							
308+20	Relay 24"x28' Cross Culvert & Extend 32'. Inlet Ditch.				5	15	20								1-33				28		
	Mechanical Tamping for all Structures	(S0156(2)						100													
	Total S0153(1) Inside Dolores	2	30	70	345	38	33	8	102				76		48						
	Total S0153(1) Outside Dolores	4	580	1530	922	314	412	103	221	13.9		1070		103	664	220		52			
	Total S0156(2)	1	70	1015	190	108	399	100	229	13.9		1070		134	297	301	60	48	28	26	

S0156(2)

Δ Structural Excavation is estimated to be 85% Common and 15% Rock, each of which is estimated to be 70% Dry and 30% Wet.
Ø Includes 1' for Connecting Band.
* See Surfacing Tabulation.
¤ To be used to construct Dike.

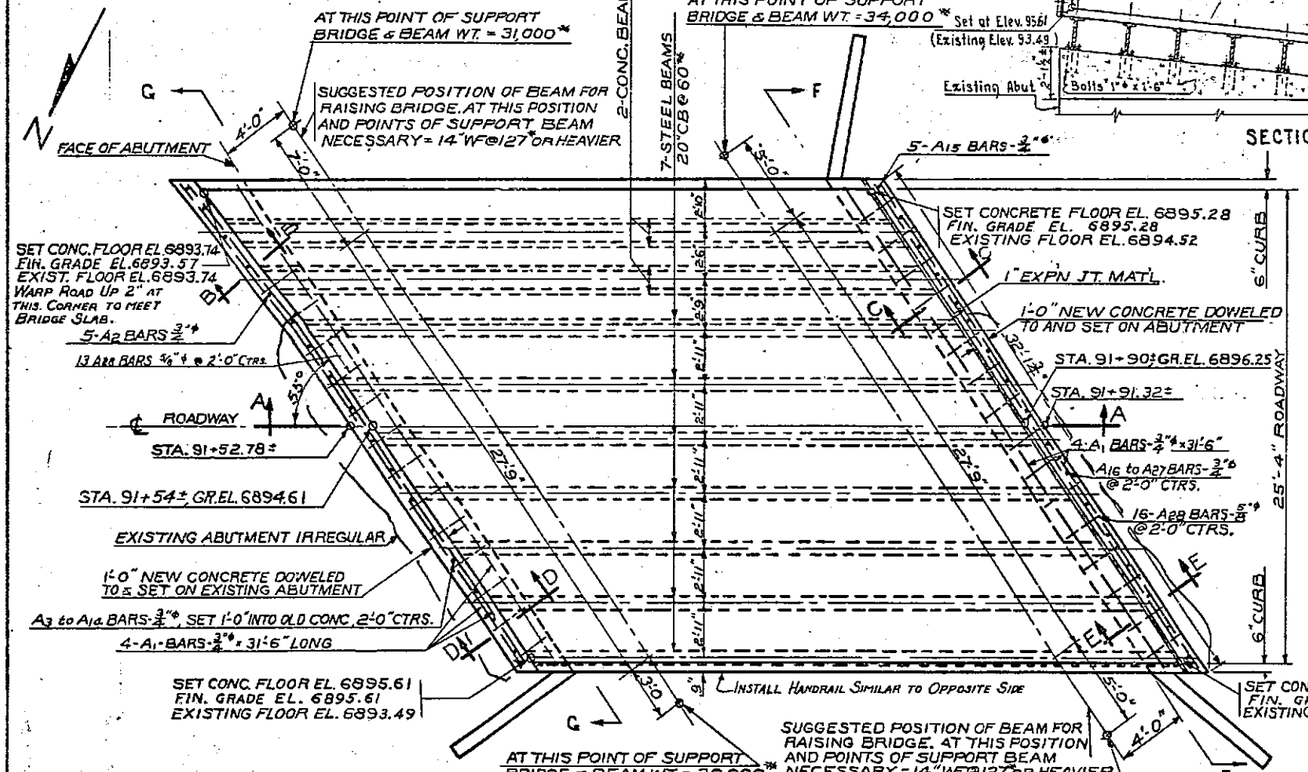
FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 015 3(1)	5-A	

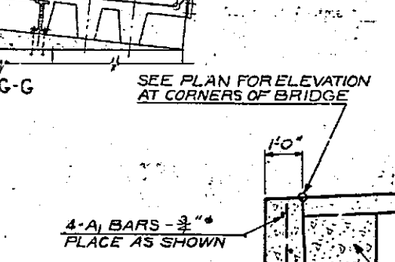
REVISIONS — Revised for corrected elevations 5/23/49 G.H.W.

	G.H.W.	
	G.H.W.	
	F.C.	5-16-49
		5-20-49

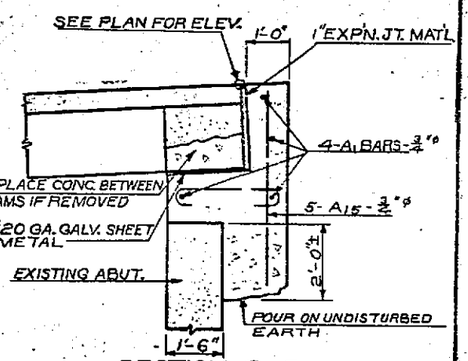
MICROFILMED

PLAN

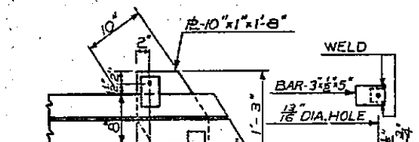




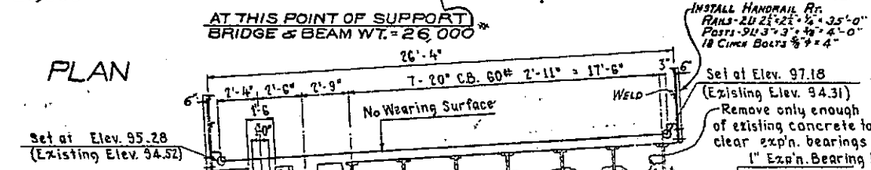
SECTION B-B



SECTION C-C



STEEL BEAM EXPANSION BEARING
7 REQ'D.



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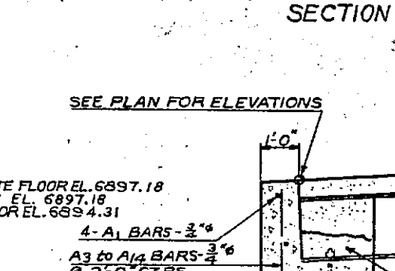

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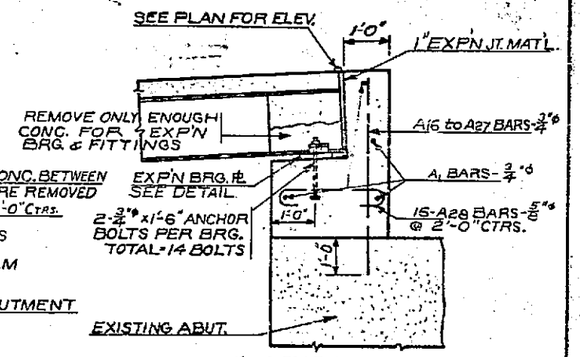

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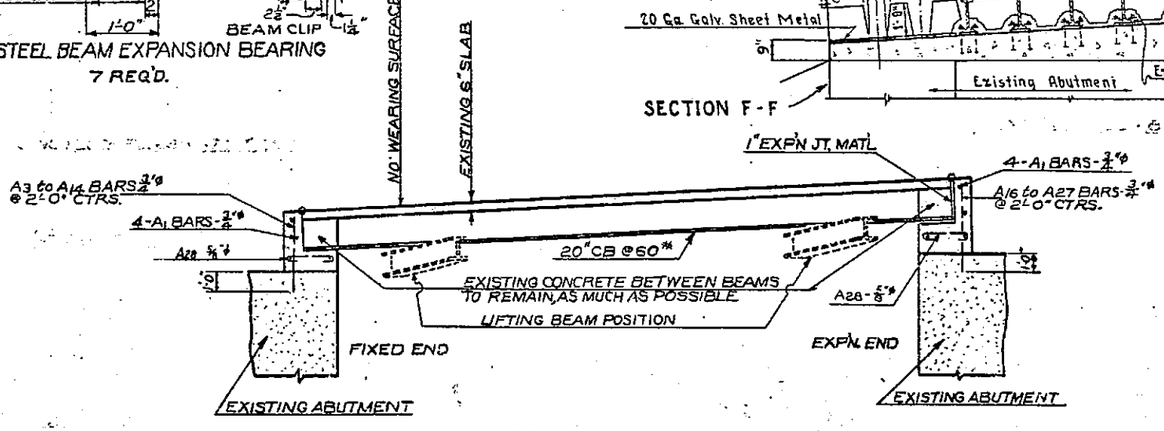


SECTION A-A

SUMMARY OF QUANTITIES			
ITEM	DESCRIPTION	UNIT	TOTAL
11d	RAISING PRESENT SUPERSTRUCTURE, STA 91+	LUMP SUM	LUMP SUM
13c	UNCLASSIFIED EXC. (REMOVE DIRT FROM BRIDGE)	CU.YD.	40
14b	DRY COMMON EXCAVATION (STR.)	CU.YD.	27
16a	STRUCTURE BACKFILL	CU.YD.	14
16d	MECHANICAL TAMPING	HR.	1.4
46a	CLASS "A" CONCRETE	CU.YD.	22
47	REINFORCING STEEL	LB.	730
48	STRUCTURAL STEEL	LB.	1050 ⊛
*	1" EXP'N. JT. MAT'L.	SQ.FT.	70
*	*20 GA. GALV. SHEET METAL	SQ.FT.	18

BAR LIST				
MARK	SIZE	NO. REQD.	LENGTH	TYPE
A1	¾" ϕ	8	31'-6"	STR.
A2	¾" ϕ	5	4'-0"	STR.
A3			3'-8"	
to	¾" ϕ	1 EA.	by 0-1½ to	STR.
A14			5'-0½"	
A15	¾" ϕ	5	5'-0"	STR.
A16			4'-5"	
to	¾" ϕ	1 EA.	by 0-1½ to	STR.
A27			5'-9½"	
A28	⅝" ϕ	29	3'-5"	I

TYPE I — Rad: 2½" — 1'-3" — 12

BAR SUMMARY
99 Lin. Ft. ⅝" ϕ Bars @ 1.043 Lb./Lin. Ft. = 103 Lbs.
410 " " ¾" ϕ " " 1.502 " " = 616 "
+1%± " = 11 "
TOTAL = 730 Lbs.

* TO BE INCLUDED IN BID PRICE FOR CLASS "A" CONCRETE.
⊛ INCLUDES STEEL FOR RT. HANDRAIL AS LISTED ON "SECTION F-F"

GENERAL NOTES

ALL WORK SHALL BE DONE ACCORDING TO THE STANDARD SPECIFICATIONS OF THE COLORADO STATE HIGHWAY DEPARTMENT, ADOPTED JUNE 1, 1948.
ALL CONCRETE SHALL BE CLASS "A".
FORMS FOR CONCRETE SURFACES EXPOSED IN THE FINISHED WORK SHALL BE CONSTRUCTED OF SHIPLAP OR TONGUE AND GROOVE LUMBER S2S UNLESS FACED WITH PANEL BOARD.
CONCRETE GIRDERS, FLOOR SLABS AND CURB SHALL BE POURED MONOLITHICALLY.
FOOTINGS IN ROCK SHALL BE POURED OUT TO THE ROCK AND NOT FORMED.
ALL REINFORCING BARS SHALL BE INTERMEDIATE GRADE.
ALL REINFORCING BARS SHALL BE DEFORMED AND TAGGED WITH THE STATION NUMBER AND LETTER DESIGNATION. MAIN BARS SHALL NOT BE SPLICED.
SOUNDINGS AND DEPTH OF FOOTINGS SHOWN ARE ACCORDING TO THE BEST AVAILABLE DATA. IF ESSENTIALLY DIFFERENT CONDITIONS ARE ENCOUNTERED THE BRIDGE ENGINEER WILL INSPECT AND DETERMINE IF REDESIGN IS NECESSARY.
ALL RIVETS TO BE ⅞" DIA. ALL RIVETS TO BE POWER DRIVEN.
ALL EXPOSED STEEL WORK TO HAVE ONE COAT CHROMIUM AND TWO COATS ALUMINUM PAINT.

NOTE: REMOVE ALL DIRT FROM BRIDGE BEFORE RAISING. REPAIR RAILING.

DENOTES EXISTING CONCRETE
DENOTES NEW CONCRETE

USE ROCK RIP-RAP TO INCREASE WING HEIGHT IF NECESSARY.
WEEP HOLES (3" DIA. OLD SEWER PIPE) TO BE PLACED AS SHOWN ON PLAN. SURFACE FINISH INCLUDES THE 3 INCH CONCRETE MONOLITHIC WEARING SURFACE SHOWN.

DESIGNING DATA.
A.A.S.H.O. 1941 UNIT STRESSES
fc = 1000 lbs. per sq. in.
fs = 18000 lbs. per sq. in.
n = 10
fs (REINFSTEEL) = 20000 lbs. per sq. in.

COLORADO STATE HIGHWAY DEPARTMENT

ONE SPAN, 7 STEEL STRINGERS AND 2 CONCRETE STRINGERS, 6" SLAB DECK, 55° SKEW, 25'-4" CLR. RDWY. RAISE EXISTING STRUCTURE TO FIT NEW GRADE

Across MONTEZUMA VALLEY CANAL
S-3, 91+52.78± to 91+91.32±
Near DOLORES Sec. 8 T. 37 N. R. 15 W.

Designed by G.H.W. | Approved by C.J. Bailey
Made by G.H.W. | Bridge Engineer
Checked by | Date: 5-4th 1949

STRUCTURE NO. 20-2-B

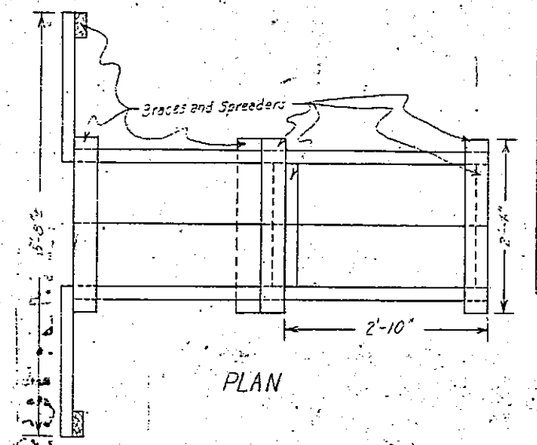
STRUCTURE NO. 0-2-B

MICROFILMED

FED. ROAD DIST. NO.	STATE	PROJ. NO	SHEET NO.	TOTAL SHEETS
3	COLO.	SG153(11)	8	

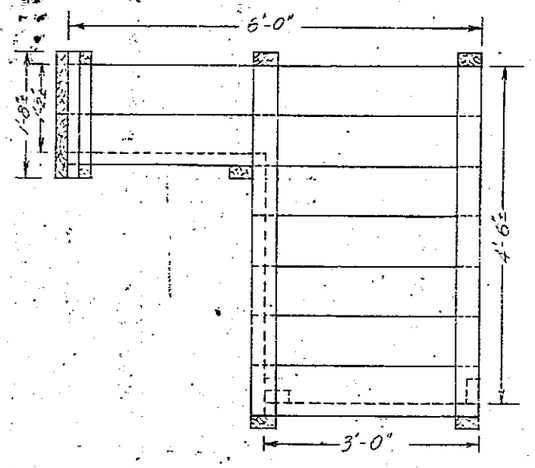
DETAILS OF IRRIGATION STRUCTURES

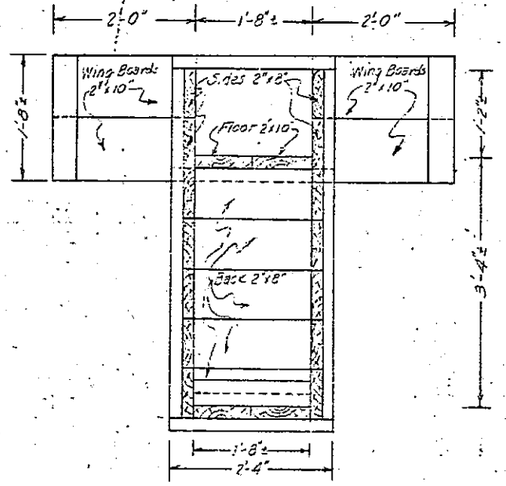
DROP BOX LEFT OF STA. 46+



LIST OF MATERIAL FOR ONE DROP BOX

DISCRIPTION	NO	SIZE	LENGTH	BD.FT.	TYPE
Wing Braces	2	2"x4"	1'-6"	2.2"	Unsurf.
Wings	4	2"x10"	2'-0"	13.3"	Unsurf.
Floor	4	2"x10"	3'-0"	20.0"	Unsurf.
Back	5	2"x8"	1'-8"	11.9"	Unsurf.
Sides	10	2"x6"	3'-0"	40.0"	Unsurf.
Sides	4	2"x10"	6'-0"	40.0"	Unsurf.
Cross Braces	7	2"x4"	2'-4"	10.9"	Unsurf.
Vert. Braces	2	2"x4"	1'-4"	1.8"	Unsurf.
Vert. Braces	4	2"x4"	4'-8"	12.4"	Unsurf.
Spreaders	2	2"x4"	1'-8"	2.2	Unsurf.
TOTAL				153.8	





SCALE 1"=1'-0"

DIVISION BOX LEFT OF STA. 29+

LIST OF MATERIAL FOR ONE DIVISION BOX.

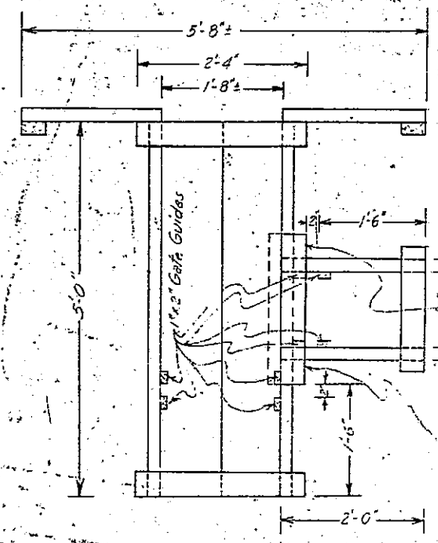
DISCRIPTION	NO	SIZE	LENGTH	BD.FT	TYPE
Wing Braces	2	2"x4"	1'-5"	2.2"	Unsurf.
Wings	4	2"x10"	2'-0"	13.3"	Unsurf.
Sides	2	2"x8"	5'-0"	13.3"	Unsurf.
Sides	4	2"x8"	1'-10"	9.5"	Unsurf.
Sides	4	2"x8"	2'-0"	10.7"	Unsurf.
Floor	2	2"x10"	5'-0"	16.7"	Unsurf.
Floor	1	2"x12"	2'-0"	4.0"	Unsurf.
Cross Braces	4	2"x4"	2'-4"	6.2"	Unsurf.
Cross Braces	2	2"x4"	1'-6"	2.2"	Unsurf.
Cross Braces	2	2"x4"	2'-0"	2.7"	Unsurf.
Vert. Braces	8	2"x4"	1'-4"	7.1"	Unsurf.
Head Gate	1	2"x6"	1'-7½"	1.6"	S2S
Head Gate	1	2"x8"	1'-7½"	2.2"	S2S
Head Gate	1	2"x11½"	1'-2"	2.3"	S2S
Cleats	2	1"x2"	1'-0"	0.3"	S2S
Gate Handles	2	2"x2"	2'-0"	1.3"	S2S
Gate Guides	8	1"x2"	1'-2"	1.6"	S2S
TOTAL				97.5	

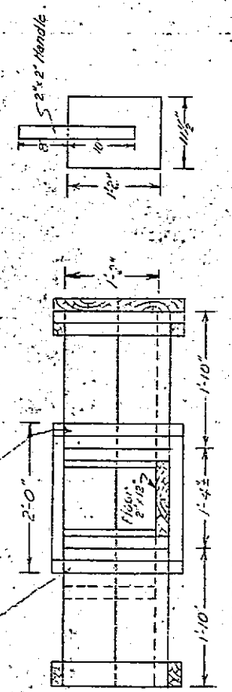
GENERAL NOTES

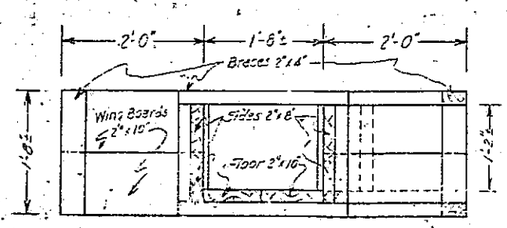
A.) work shall be done in accordance with the standard specifications of the Colorado State Highway Department adopted January 1, 1948.

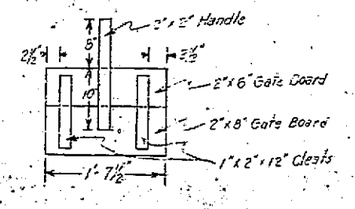
✓ All timber shall be "Miscellaneous Untreated Timber." Where noted on structure details timber shall be S2S.

✓ All pieces shall be securely and ridgedly nailed together using 20d nails for 2" unsurfaced material, 16d nails for 2" S2S and 8d for 1" S2S.









SCALE 1"=1'-0"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0153(1)	16	

N.E. 1/4 SEC. 16
T. 37N.-R. 15 W.
Of the N.M.P.M.

N.W. 1/4 SEC. 16

S.E. 1/4 SEC. 9

DOLORES

Riverside Avenue

R.G.S. R.R.

Central Avenue

1st Street

2nd Street

Δ=20°54' LT.
D=10°00' (PROJ. CURVE)
T=105.7'
L=209.0'
R=573.0'
HDR.S.D.=1500'

P.C. 7+96.2 (PROJ.)
P.T. (BK.) (AH.)

Note:

Alignment and Grades as shown are subject to modification during construction after approval by the Denver Office.

Soil Data shown on the plans is obtained from the best available testing laboratory information. This information is shown for convenience of the Contractor and the Department does not guarantee the accuracy of these tests. If materials not conforming to the data on plans are encountered during construction the grading plan shown on plans will be modified where necessary to secure dense, stable embankments.

Fencing, R.O.W. Markers, etc., are tabulated on sheet No. 3.

PROJECTED LINE TO BE CONSTRUCTED

STA. 6+96.3=BEG. S 0153 (1) (1500 FT. EAST OF STA. 0+00=BEG. F.A.P. 126)

6+86.3~Reg'd Approach to Project.

7+20~Reg'd. 15'x50' Side Drain Rt. & Road Approach Rt. & Lt. Remove 4"x 36" Iron Pipe Rt.

9+30~Reg'd. Road Approach Lt.

P.I. 9+01.9

11+40~Reg'd. Road Approach Lt.

P.T. 10+05.2 BK. (PROJ.)=
EQUATION
10+07.6 AH. (PROJ.)

12+80~Reg'd. 15'x26' Side Drain & Road Approach Lt. Remove 8"x25' Wood Side Drain Lt.

13+50~Reg'd. 24"x48' Cross Culvt. & Inlet Ditch. (W=1')

16+15~Leave 16"x30' Cross Culvt. in Place.

P.C. 15+00

16+15 to 20+00~Reg'd Ditch Change Rt. (W=2')

16+50~Reg'd. Road Approach Lt.

19+20~Reg'd. Road Approach Lt.

P.I. 18+80.4

Sta. 20+00

Δ 18°51' RT.
D 2°30'
T 380.4
L 754.0
R 2292.0
HDR.S.D.=580'

20+00 to 22+75~ Reg'd Ditch Change Rt. (W=2')

Dolores City Limits

S. 0°11' E.

21+94~Extend 18"x26' Cross Culvt. 16' Lt. & Ditches (W=1')

P.T. 22+54.0

22+ to 25+ Reg'd~Ditch Change Lt. (W=1')

West

S.77°13'W.

S.58°22'W.

S.79°16'W.

4"x36' IRON PIPE

No. OCC. 339

8"x18" WOODEN BOX

18"x16' WOODEN BOX

8"x25' WOODEN BOX

12"x30' C.M.P.

18"x30' C.M.P.

18"x26' C.M.P.

Houses

Frame Bldgs.

House

Orchard

Conc. Walk

Driveway Gate

Walk Gate

Conc. Walk

Lilac Bushes

Irrigation Ditch

Headgate in Place

Tel. Pole

Fire Plug

Water Cut-Off Valve

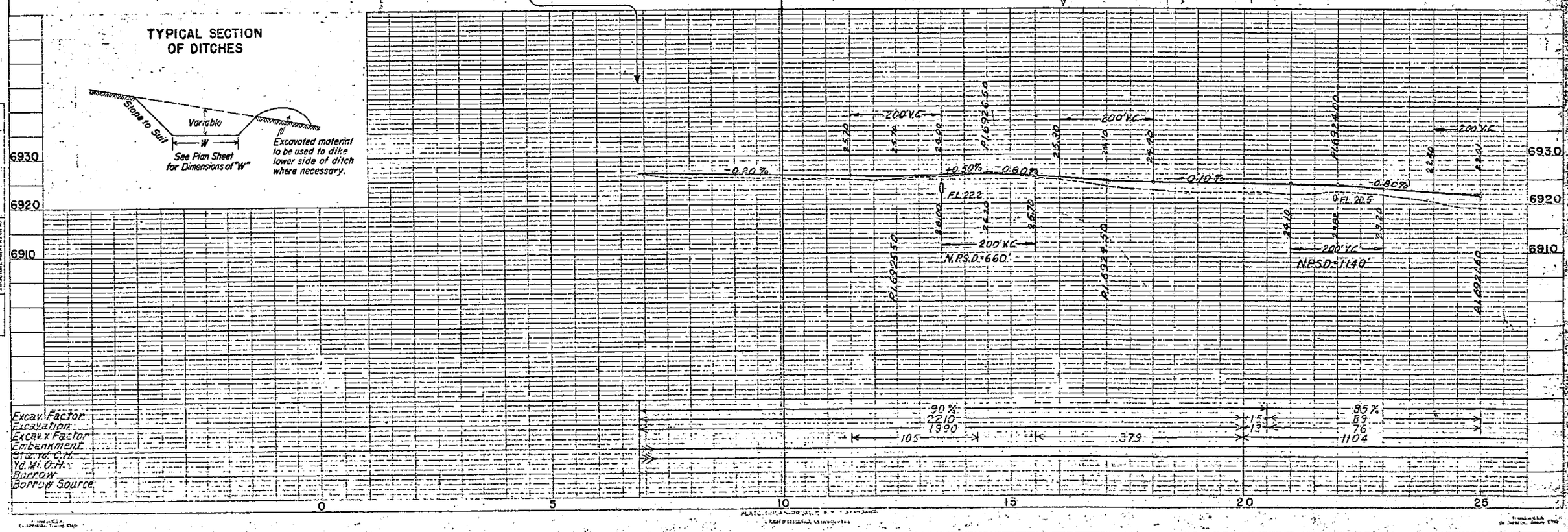
Present Road

26' Lt. City Limit 405

TYPICAL SECTION OF DITCHES

See Plan Sheet for Dimensions of "W"

Excavated material to be used to dike lower side of ditch where necessary.



Excav. Factor		90%	85%
Excavation		2210	89
Excav. x Factor		1990	76
Embankment			1104
Sta. Yd. C.H.		105	379
Yd. W. O.H.			
Borrow			
Borrow Source			

PROFILE
APPROVED
PLOTTED
CHARTS CHECKED
LINES CHECKED
SURFACE MULTA'S CHAD
SURFACE 3981
MULTA 13977

DATE
BY
REVISIONS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
13	COLO.	S 0153(1)	17	

N.E. 1/4 SEC. 16

Pl. 18+80.4

Sta. 20+00

Driveway gate
Walk gate
Concrete walk
Lilac bushes

House
Orchard
Frame Bridge
City right of way
Conc. Walk
18"X26' C.M.P.
Empire Elect. Ass.
Irrigation Ditch
Present Road
Headgate in Place
S. 58° 22' W.
18"X30' C.M.P.
S. 77° 13' W.
M.S.T.&T.Co.
Barn Yard Lt. & Rt. Sta. 29+84-30+50
12' Barn Gate
Shed
Barn
Ditch
To Houses
#283

29+± Reg'd. Wooden Division Box Lt. (Details on Sheet No. 6)

N.W. 1/4 SEC. 16
T. 37 N. - R. 15 W.

29+ to 36+ Reg'd ~ Ditch Change Lt. (W=1')

Pl. 32+27.8

38+ to 46+ Reg'd Ditch Change Lt. (W=2')

N

Irrigation Ditch
S. 85° 10' W.
Empire Elect. Ass.
Present Road
Cemetery
N. 3° 33' W. 5957 Feet (Calc.)
Sta. 43+50
S. 0° 18' W.

Δ 18°51' RT.
D 2°30'
T 380.4
L 754.0
R 2292.0
HOR. S.D.= 580'

P.C. 15+00

P.T. 22+54.0

Dolores City Limits
S. 0° 11' E.

Δ 7°57' RT.
D 1°00'
T 398.1
L 795.0
R 5730'
HOR. S.D.= 1300'

P.C. 28+29.7

P.T. 36+24.2

24.50~ Reg'd. 18"X32' Side Drain & Ditches (W=1') & Road Approach Rt.

25+50~ Reg'd. 24"x 46' Cross Culv't. & Ditches. (W=1')

27+25~ Reg'd. Road Approach Lt.

27+40~ Reg'd. 24"x60' Cross Culv't. & Ditches. (W=2')

28+47~ Reg'd. 24"x48' Cross Culv't. 24"x16' C.M.P. Under Irrigation Ditch Lt. & Ditches (W=2')

30+25~ Reg'd. Road Approach Rt.

30+50~ Reg'd. 24"x100' Cross Culv't. & Ditches. (W=2')

31+40~ Reg'd. 18"x 24' Side Drain & Road Approach Lt.

36+50~ Reg'd. 84"x52' Cross Culv't. with 2 Standard M-115-BX H'dw'l's. & Ditches (W=8') (Stock Pass)

38+40~ Reg'd. 24"x 70' Cross Culv't. & Ditches (W=2')

43+40~ Reg'd. 24"x 30' Side Drain with Ditches (W=1') & Road Approach Rt.

R.O.W. ITEMS (FORCE ACCOUNT)
28+ to 30+~ Move Corral & Shed

FORCE ACCOUNT:-
36+50~ Placing 6" of Earth in Bottom of Stock Pass.

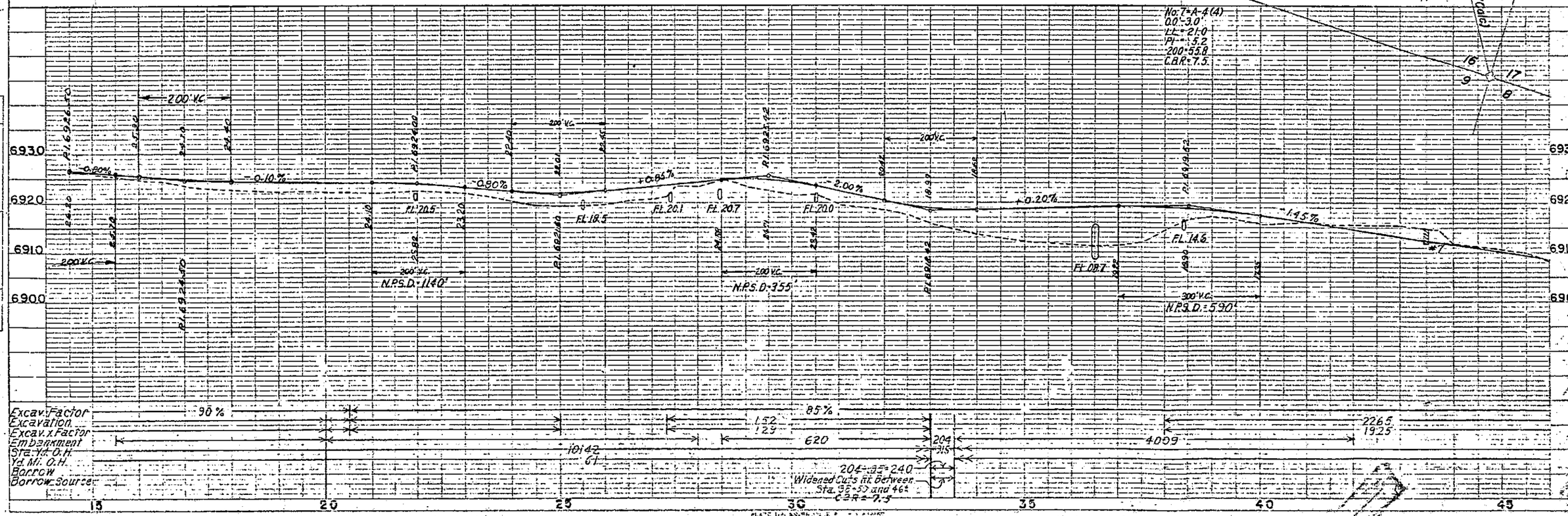
CLEARING & GRUBBING
HEAVY OAK BRUSH RIGHT OF DITCH STA. 16+15 - 23+50

CLEARING & GRUBBING
LIGHT WILLOWS ALONG DITCH STA. 30+00 - 31+00

CLEARING & GRUBBING
LIGHT WILLOWS ALONG DITCH STA. 38+00 - 46+00

S.E. 1/4 SEC. 9

No. 7-A-4 (4)
0.0'-3.0'
L.L.=21.0
P.I.=5.2
-200=55.8
C.B.R.=7.5



Excav. Factor	90%		85%			
Excavation		152				2265
Excav. x Factor		129				1925
Embankment			620	204		4059
Sta. Y. d. O.H.				315		
Yd. Mi. O.H.		10142				
Borrow		61				
Borrow Source				204 - 35 = 240		

Widened Cuts in Between Sta. 32+50 and 46+
C.B.R.=7.5

PROFILE
SURVEYED
DRAWN
CHECKED
NOTE BOOK
W.O. 13972

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S0153(1)	18	

N.W. 1/4 SEC. 16

Sta. 46+65.0

46+-Regd. Wooden Drop Box Lt. (1-3) (Details on Sheet No. 6)

52+50-Regd. Road Approach Lt.

Empire Elect. Ass'n

House

Shed

Irrigation ditch

Irrigation ditch

Road

Present

S.85°10'W.

P.S. 59+61.1

P.C. 60+98.47

P.I. 63+16.0

Θs 10°30'Rt.
Ls 350.0
L.T. 233.8
S.T. 117.0

P.S. 59+27.3

P.C.S. 61+99.0

Δc 13°18'Rt.
D 6°00'
T 111.4
L 221.67
R 955.0

Δ 34°18'
Ts 471.17
HDR: 5.0 = 350'

Mt. S.T. & T. Co.

Θs 10°30'Rt.
Ls 350.0
L.T. 233.8
S.T. 117.0

P.S. 65+99.0

N.E. 1/4 SEC. 17
T. 37N.-R. 15 W.

NO WORK SECTION STA. 64+00 TO 77+00

Mt. S.T. & T. Co. #296

Road to Egnar

N.60°32'W.

S.0°17'W.

N.W. 1/4 SEC. 17

DOLORES RIVER

Sta. 78+88.6

Gate & Cattle guard

Road

#293

Bridge

Sta. 74+57.7

49+00-Regd. 24'x44' Cross Culv't. & Ditches (W=1')

56+50-Regd. 24'x52' Cross Culv't. & Inlet Ditch. (W=2')

64+00-Regd. 24'x48' Cross Culv't. & Ditches (W=2')

64+-Regd. Approach to Old Road Rt.

R.O.W. ITEMS (FORCE ACCOUNT)
54+-Move Shed Lt.

S.0°18'W.

16 17
9 8

CLEARING & GRUBBING
STA. 53+00-63+50
10% WILLOWS

CLEARING & GRUBBING
STA. 63+50-70+60
70% WILLOWS-5% COTTONWOOD

S.E. 1/4 SEC. 8

CLEARING & GRUBBING
STA. 72+00-74+00
20% WILLOWS-8 LARGE COTTONWOODS

S.W. 1/4 SEC. 8

No. 6-A-1-b (0) (6" Lift)
0.0'-15.0'
LL=21.5
PI=4.3
200=19.8

400' V.C.

-1.45%

+1.10%

-0.60%

FL 020

FL 033

#6

FL. 92.4

N.P.S.D. 525

Excav. Factor		85%		100%		
Excavation		549		5931		
Excav. x Factor		466		5931		
Embankment		4137				176
Cu. Yd. O.H.				37592		
Yd. Mi. O.H.				458		
Borrow						
Borrow Source						

6920 6910 6900 6890 6880

45 50 55 60 65 70 75

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
CROSS SECTIONS
STRUCTURES
BY
DATE
SHEET

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0153(1)	19	

Rev. 11-19-48 R.S.M.-Cattle Guard

N.W. 1/4 SEC. 17
T. 37 N.-R 15 W.

Dolores River

15"X32" C.M.P.

Mt. S. T. & T. Co.

N. 60° 32' W.

PROJ. LINE
Δ = 20°30' Lt.
D = 4°00'
T = 259.0'
L = 512.5'
R = 1432.5'

SURVEYED LINE
Δs = 11°03' Lt.
Ls = 350.3'
ST = 233.8'
LT = 117.1'
N.P.S.D. > 1300'

PROJ. P.C. 91+90 L.

PROJ. P.C. 89+39.4

PROJ. P.C. 86+72.6

PROJ. P.C. 86+83.3

87+05 ± Req'd. 24" x 30' Cross Culvt. & Ditches (W=2') Remove 15"x32" C.M.P. with Hdw'ls. & 9"x 10' C.I.P. Lt.

PROJ. LINE
Δ = 47°54' Lt.
D = 9°00'
T = 282.8'
L = 532.2'
R = 636.7'

SURVEYED LINE
Δc = 66°44' Lt.
Dc = 6°20'
Tc = 595.8'
Lc = 1053.7'
Rc = 904.7'

Δ = 88°54' Lt.
Ts = 1072.5'
L.R. S.D. > 1300'

PROJ. P.T. 92+35.5

PROJ. LINE
Δ = 20°30' Lt.
D = 6°00'
T = 342.7'
L = 955.0'
R = 955.0'

PROJ. P.T. 97+55.7

SURVEYED LINE
Δs = 11°03' Lt.
Ls = 350.3'
ST = 233.8'
LT = 117.1'
N.P.S.D. > 1300'

P.S.T. 98+43.1 AH =
P.S.T. 98+53.8 BK

PROJ. P.C. 94+49.0

R.C.S. 94+93.1

P.I.S. 96+10.2

PROJ. P.I. 95+86.7

PRIVATE TELEPHONE LINE

PRESENT ROAD

Cattle Guard

9"X10' C.I.P.

M.I.S.T.&T.Co.

OLD BRIDGE

Canal

C-2-B

P.I.S. 83+23.2

PROJ. P.I. 84+19.1

PROJECTED LINE TO BE CONSTRUCTED

PROJ. P.I. 89+86.6

P.I. 98+61.9

S. 30° 34' W.

76+70 ± Remove 15"x32" C.M.P. & 2 Hdw'ls. Rt.

77+00 ± Req'd. 24"x44" Cross Culv't. with Ditches (W=2') & Approach to Old Road Rt.

83+50 ± Req'd. 18"x30' Side Drain Rt. & Road Approaches Lt. & Rt. Remove & Rebuild Cattle Guard Lt.

86+00 ± Req'd. 24"x56' Cross Culvert & Ditches (W=2')

78+ to 85+ ± Req'd. Ditch Change Rt. (W=2')

87+ to 91+ Req'd Ditch Change Rt. (W=2')

91+52.8± to 91+91.3± Raise Present Bridge. (Details on Sheet No. 5-A) (Non Federal Aid)

CLEARING & GRUBBING STA. 80+00-82+00
5 BLACKWALNUT TREES

CLEARING & GRUBBING STA. 89+00-90+00
WILLOWS ALONG CANAL

S.W. 1/4 SEC. 8

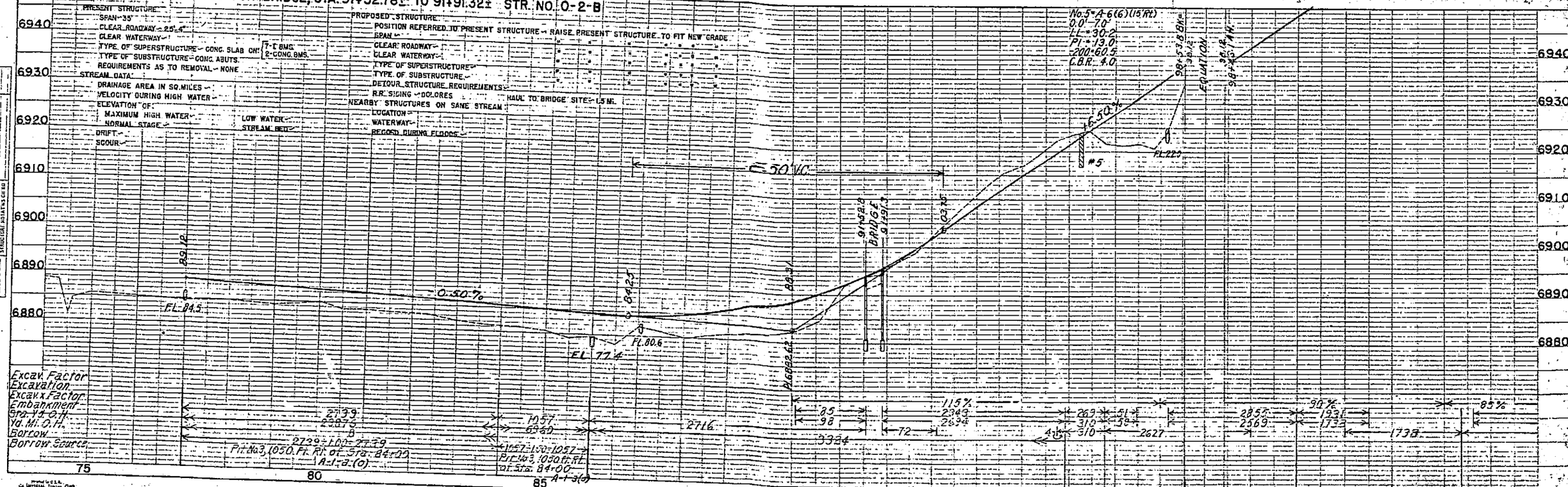
STRUCTURE NOTES FOR BRIDGE, STA. 91+52.78± TO 91+91.32± STR. NO. O-2-B

PRESENT STRUCTURE
SPAN - 35'
CLEAR ROADWAY - 25'-4"
CLEAR WATERWAY -
TYPE OF SUPERSTRUCTURE - CONC. SLAB ON
TYPE OF SUBSTRUCTURE - CONC. ABUTS.
REQUIREMENTS AS TO REMOVAL - NONE
STREAM DATA
DRAINAGE AREA IN SQ. MILES -
VELOCITY DURING HIGH WATER -
ELEVATION OF
MAXIMUM HIGH WATER -
NORMAL STAGE -
DRIFT -
SCOUR -

7-I BMS.
2-CONC. BMS.

LOW WATER -
STREAM BED -

PROPOSED STRUCTURE
POSITION REFERRED TO PRESENT STRUCTURE - RAISE PRESENT STRUCTURE TO FIT NEW GRADE
SPAN -
CLEAR ROADWAY -
CLEAR WATERWAY -
TYPE OF SUPERSTRUCTURE -
TYPE OF SUBSTRUCTURE -
DETOUR STRUCTURE REQUIREMENTS -
R.R. SIDING - DOLORES HAUL TO BRIDGE SITE - 1.5 MI.
NEARBY STRUCTURES ON SAME STREAM
LOCATION -
WATERWAY -
RECORD DURING FLOODS -



FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S01530	20	

N.W. 1/4 SEC. 17
T. 37 N.-R. 15 W.

98+15 ~ Reqd. 36" x 142' Cross Culv't. & Ditches. (W=31')

100+95 ~ Remove 2'x3'x24' Wooden Box Culv't.

102+00 ~ Reqd. 36" x 78' Cross Culv't. & Ditches. (W=31')

WEST

NO WORK SECTION
STA. 91+54 to 91+90

PROJ. LINE
Δ = 20°30' Lt.
D = 6°00'
T = 172.7'
L = 341.7'
R = 955.0'

SURVEYED LINE
Δs = 11°05' Lt.
Ls = 350.0'
Lt = 233.8'
St = 117.1'
HOR.S.D. = 370'

PROJ. P.C. 84+14.0

P.C.S. 94+93.1

PROJ. P.T. 92+15.5

P.T. 91+56.7

PROJ. P.I. 98+52.8 Bk.s EQUATION 98+43.1 Ah.

P.S.T.

2'x3'x24' WOODEN BOX CULV'T.

S 30°34' W. TO DOLORES

STA. 407+48.4 = END S 0156(2) = OPPOSITE STA. 104+03.6 on S 0153(1)

PROJECTED LINE TO BE CONSTRUCTED

TO CORTEZ

S 0°18' W.

N 61°18' W.

405

404+12.8

OLD BRIDGE

PRIVATE ROAD

Mt. S.T. & T. Co.

PROJ. P.I. 96+86.7

P.I.S. 96+10.2

CLEARING & GRUBBING STA. 91+00 – 100+00
35% OAKBRUSH & PINION.

SURVEYED LINE
Δ = 20°48' Lt.
D = 3°00'
T = 350.6'
L = 693.3'
R = 1910.0'

PROJ. P.C. 105+59.4

P.C. 105+10.0

PROJ. LINE
Δ = 15°16' Lt.
D = 4°00'
T = 192.0'
L = 381.7'
R = 1432.5'
HOR.S.D. = 455'

PROJ. P.T. 112+08.3

112+45.7 Ah.+ EQUATION 113+31.1 Bk.

PROJ. P.I. 111+47.4

S 15°18' W.

STA. 112+00 = END S 0153(1)
(OPPOSITE STA. 104± ON FAP 126)

S 0153 (1)

P.I. 108+65.6

112+00 ~ Reqd. Project Marker (State Forces) & Approach to Project.

N.E. 1/4 SEC. 18

No. 5 = A-6 (6) (15' Rt)
LL = 30.2
PI = 13.0
200-60.5
C.B.R. 4.0

6950 6940 6930 6920 6910 6900 6890 6880

98+33.8 Bk. EQUATION 98+43.1 Ah.

+6.50%

EL. 22.0

#5

P.I. 6682.62

91+54 BRIDGE 91+90

+6.50%

200' V.C.
N.P.S.D. = 445'

P.I. 6694.82

EL. 49.7

+4.40%

+2.60%

P.I. 6841.82

200' V.C.
N.P.S.D. = 505'

6990 6980 6970 6960 6950 6940 6930

Excav. Factor	115%		90%	85%
Excavation			6.59	2030
Excav. x Factor			551	1727
Embankment			551	163
Sta. Yd. O.H.				
Yd. Mi. O.H.				
Borrow				
Borrow Source				

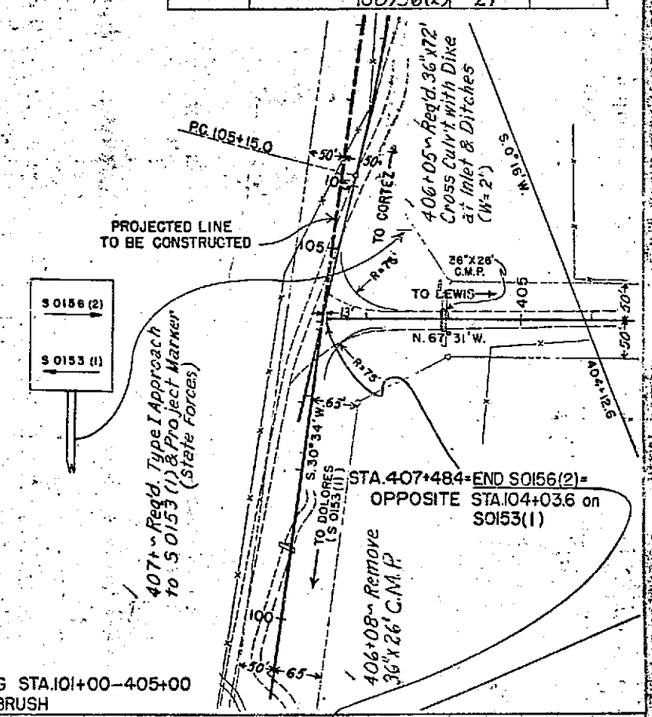
(1559 – 85 = 1834 Cu. Yds. Excess used as Borrow on S 0156(2) Sta. 407+00 to 405+34)

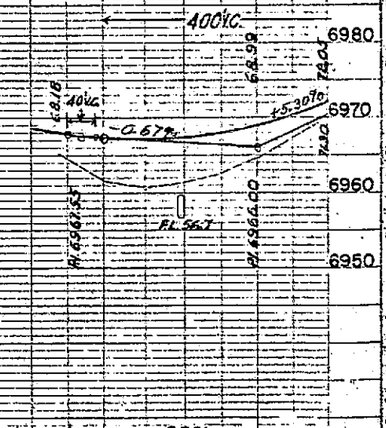
90 95 100 105 110 115

PLATE 1 PLAN-PROFILE

N.W. 1/4 SEC. 17
T.37N.-R.15W.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S0156(2)	21	





Excav. Factor	85%
Excavation	
Excav. x Factor	
Embankment	1559
Sta. Yd. O.H.	2091
Yd. Mi. O.H.	
Borrow	
Borrow Source	(Excess Material from S0153 (1) Sta. 106 to 112)

405

PROFILE
SCALE: 1" = 100' HOR. 1" = 10' VERT.
NO. 13976

SURVEYED
PLOTTED
DRAWN & CHECKED
TRACED & CHECKED
STRUCTURE NO. IAT M 5 CR 140

DATE

PLATE 1-PLAN-PROFILE F. F. M. STANDARD

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S0155(2)	22	

N.E. ¼ SEC. 18
T. 37N.-R. 15W.

N. 0°16' E.

391.0' N

N. 67° 31' W.

(PRESENT) ROAD

Revised Curve To Be Constructed

Mt. State Co.

N. 43° 29' W.

Sta. 404+12.6

N. 58°25' E. 451 Feet

Sta. 393+84.4

S. 89°51' W.

N.W. ¼ SEC. 17

S.E. ¼ SEC. 7

394+50 ~ Reqd. 36"x50' Cross Culvert with Dike at Inlet & Ditches (W=2')

EQUATION 389+98.2 = 393+91.0

R.P.S.T. 387+83.9 AH=
387+81.2 BK.

Ts 385+82.1

R.P.C.S. 383+81.2

Δ 24°02' LT.
D 4°00'
T 304.9
L 600.9
Rev. Curve
Δc 8°02' LT.
D 4°00'
T 100.6
L 200.8

Δ 24°02' LT.
Ts 505.8'

R.P.S.C. 381+80.4

HOR S.D.=>1300'

R.P.C.S. 379+81.3

Ts 8°00' LT
Ls 400.0
LT. 266.9
ST. 133.6

R.P.S. 377+80.4

Ts 8°00' LT.
Ls. 400.0
LT. 266.9
S.T. 133.6

R.P.I. 385+14.8

R.P.I. 382+86.2
R.P.I. 382.81.0

382+00 ~ Reqd. Road Approach Rt.

380+00 ~ Reqd. 24"x46' Cross Culvert & Inlet Ditch (W=2')

R.P.I. 380+47.3

378+00 ~ Reqd. 18"x30" Side Drain, Ditches (W=1') & Road Approach Lt.

376+00 ~ Reqd. Road Approaches Rt. & Lt.

CLEARING & GRUBBING
STA. 376+50-380+50
25% BRUSH- 5% PINION TREES

No. 4=A-4(8) (20' Lt.)
LL = 26.2
PI = 9.1
200-86.4
C.B.R. = 6.3

+5.30%

+0.609%

-1.778%

400' V.C.

N.P.S.D. = 505'

600' V.C.

N.P.S.D. = 430'

FL 16.5

FL 66.00

FL 701.68

FL 711.1

| | | |

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0156(2)	23	

S.W. 1/4 SEC. 7
T. 37 N. - R. 15 W.

370+50 ~ Reqd. 24" x 52' Cross Culv't. with Dike at Inlet & Inlet Ditch. (W=2')

365+50 ~ Reqd. 36" x 62' Cross Culv't. & Inlet Ditch (W=2')

359+00 ~ Reqd. 48" x 60' Cross Culv't. & Inlet Ditch (W=3')

Pi 359+21.7

Sta. 352+55.6

352+50 ~ Reqd. 24" x 54' Cross Culv't. with Ditches (W=2') & Road Approaches Rt. & Lt.

351+00 ~ Reqd. 24" x 52' Cross Culv't.

PRESENT

347+43.2 Property Line

ROAD

To McPhee

Mt. S.T.&T. Co.

373+27.4

N. 89° 41' W.

N. 43° 29' W.

N. 30° 39' W.

N. 0° 16' E.

N. 89° 12' W.

P.T. 362+41.2

P.C. 355+99.5

Sta. 352+61.8

Δ 12°50' LT.
D 2° 00'
T 322.2
L 641.7
R 2865.0

HOR. S.D. = 650'

CLEARING & GRUBBING
STA. 364+50 - 370+00
80% - BRUSH - 15% PINION

CLEARING & GRUBBING
STA. 360+50 - 364+50
60% SMALL PINION TREES

CLEARING & GRUBBING
STA. 353+50 - 360+50
50% BRUSH

S.E. 1/4 SEC. 7

N.W. 1/4 SEC. 7

347+00 ~ Reqd. 18" x 26' Side Drain & Ditches (W=1') & Road Appr. Rt.

No. 3 : A-4(7)
LL = 26.5
PI = 9.5
200' = 70.1
C.B.R. 6.3

No. 3A - A-4(1)
LL = 30.1
PI = 7.6
200' = 37.8
C.B.R. 7.5

300' V.C.
400' V.C.
500' V.C.
200' V.C.

N.P.S.D. = 345'
N.P.S.D. = 375'

Pl. 707.49
Pl. 706.49
Pl. 706.76
Pl. 706.76
Pl. 724.76

FL 633
FL 569
FL 645
FL 717
FL 729

-1.76%
+3.04%
-4.80%
+1.76%
+4.40%

7080
7070
7060
7050

Excav. Factor	85%													80%									
Excavation		599				1461		1813				848			355			533					
Excav. x Factor		474				1168		1450				678			284			426					
Embankment	1265			1717			1168			1407			1062			721			284			426	
Sta. Yd. O.H.																							
Yd. Mi. O.H.																							
Borrow																							
Borrow Source																							

375 370 365 360 355 350 345

PLAN
SURVEYED
PLOTTED
TRACED
CHECKED
DATE
BY
No. 13975

PROFILE
SURVEYED
PLOTTED
TRACED
CHECKED
DATE
BY
No. 13975

MICROFILMED

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S0156(2)	24	

N.W. 1/4 SEC. 7
T. 37 N. R. 15 W.

FORCE ACCOUNT:
337+00 ~ Placing 6" of Earth in Bottom of Stock Pass.

343+70 ~ Req'd. 36"x66' Cross Culv't. & Ditches (W=2')

341+00 ~ Req'd. 18"x26' Side Drain & Ditches Lt. (W=1') & Road Approaches Rt. & Lt.

337+00 ~ Req'd. 84"x48' Cross Culv't. 2-Std. M-115 BX Hdwls. & Ditches (W=8') (Stock Pass).

N.E. 1/4 SEC. 12
T. 37 N. - R. 16 W.

328+60 ~ Req'd. 24"x60' Cross Culv't. & Ditches (W=2')

322+92 ~ Relay 36"x26' Cross Culv't. & Extend 50' Inlet Ditch (W=2')

T. 37 N. R. 16 W.
T. 37 N. R. 15 W.

North

N. 88° 51' W.

N. 30° 39' W.

348 340 335 330

60'+30'+

R.P.I. S. 327+87.8 Δ = 18°00' RT.
327+76.6 BK. Ls 450.0
LT. 301.6
ST. 151.4

P.T. 325+57.2

R.P.C.S. 323+26.6

Δ 56° 29' RT.
D 8° 00'
T 384.7
L 706.0
Rev. Curve
Δc 20° 29' RT.
D 8° 00'
T 129.4
L 255.0

Δ 56° 29' RT.
Ts 615.3

HOR. S.D. = >1300'

R.P.C.S. 320+70.5

R.P.C.S. 318+51.2
Δ = 18°00' RT.
Ls 450.0
LT. 301.6
ST. 151.4

R.P.C.S. 316+20.6

N. 87° 08' W.

Revised Curve To Be Constructed

325

36°26' C.M.P.

N. 87° 54' W.

R.P.I. 319+22.2

N. 74° 26' E.
311.7 feet

R.P.I. 322+35.9

P.I. 322+00.0

S.E. 1/4 SEC. 1

318+48 ~ Req'd. 18"x26' Side Drain, Ditches & Road Approach Rt. (W=1')

ROAD
PRESENT
WIRE GATE
MILK GATE
HOUSE

CLEARING & GRUBBING
STA. 327+00 - 335+00
15% BRUSH - 15% PINION & CEDAR

CLEARING & GRUBBING
STA. 322+00 - 327+0.0
30% OAKBRUSH & PINION

CLEARING & GRUBBING
STA. 311+00 - 317+00
60% BRUSH & SMALL PINIONS

EQUATION

PROFILE
SCALE USED: 1" = 100' H, 1" = 10' V
No. 13976
DRAWN, TRACED, CHECKED, QUANTITIES CHECKED, CORRECTIONS MADE

No.2 = A-7-6(17)
LL = 48.6
PI = 27.6
200 = 98.6
C.B.R. = 0.9

No.1 = A-6(9)
LL = 29.7
PI = 11.4
200 = 88.0
C.B.R. = 4.0

200' V.C.
400' V.C.
600' V.C.
600' V.C.
700' V.C.

+2.10%
+3.79%
-4.01%
-3.96%

N.P.S.D. = 935'
N.P.S.D. = 370'

FL. 56.2
FL. 66.9
FL. 83.5
FL. 60.2

P.I. 329+79.6
P.I. 327+78.0
P.I. 324+78.0
P.I. 322+00.0
P.I. 320+93.02

| | | |

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S0156(2)	25	

N.E. 1/4 SEC. 12
T.37 N.-R.16 W.
Of the N.M.P.M.

312+25 ~ Regd. 18"x26" Side Drain, Ditches & Road Approach Lt. (W-1')

308+20 ~ Relay 24"x28" Cross Culv't & Extend 32', Inlet Ditch (W-2')

Public Domain

N. 0°08' W.

N

315 310 305

N. 87°08' W.

24"X28" C.M.P.

N. 87°54' W.

Sta. 312+36.9

N. 0°04' E.

STA. 305+00 BEG. S 0156(2)
END S 0156(1)

S.E. 1/4 SEC. 1

PROFILE
SURVEYED
PLOTTED
ROUTE
No. 13979
ALIGNMENT CHECKED
PROFILE CHECKED
No. OF MAPS CLOSED
DATE
BY
CHECKED BY (INIT.)
DRAWN & NOTED
STRUCTURE ADJUSTMENTS

PI 7093.80
PI 7090.40
PI 7078.80
PI 7078.00
PI 7072.40
PI 7077.40
PI 7081.90
PI 7083.94
PI 7083.40
PI 7083.20

7100
7090
7080
7070
7060

400' V.C.
-1.40%
+3.40%
-3.22%
100' V.C.
N.P.S.D. 370'
800' V.C.
N.P.S.D. 420'
FL 66.8

Excav. Factor		70%		
Excavation	4125		192	
Excav. x Factor	2887		134	
Embankment		2887	134	
Str. Yd. C. H.		5962		
Yd. Mi. O. H.				
Borrow				
Borrow Source				

FED. ROAD DIST. NO.	STATE	COMB. PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S0153(1) & S0156(2)	1	

RIGHT OF WAY

COLORADO
STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED

COMB. FED. AID SECONDARY PROJ. NO. S0153(1) & S 0156(2)
STATE HIGHWAY NO. 145 & 147
MONTEZUMA COUNTY

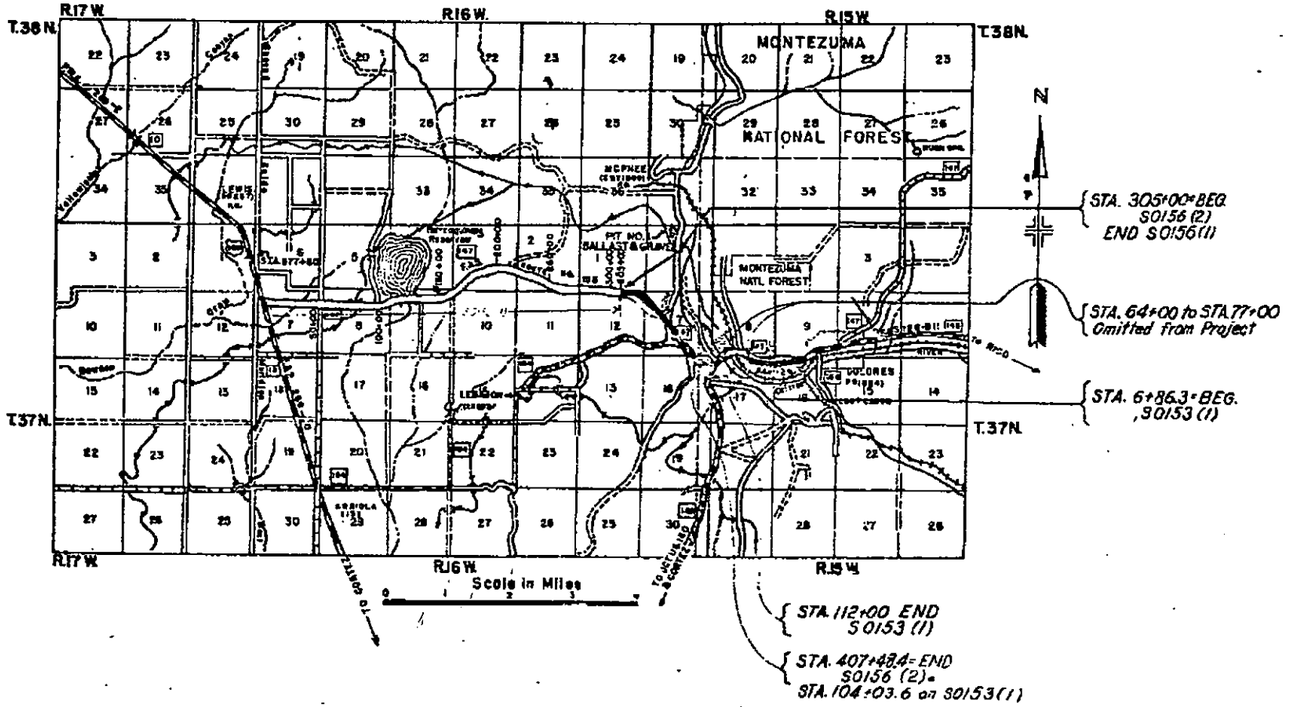
INDEX OF SHEETS

SHEET NO. 1 TITLE SHEET
2 TABULATION OF PROPERTIES.
3-12 PLAN AND PROFILE SHEETS SHOWING RIGHT OF WAY
13-14 OWNERSHIP MAP

SCALES
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

CONVENTIONAL SIGNS
CENTER LINE OF SURVEY
RIGHT OF WAY LINES
COUNTY LINE
TOWNSHIP LINES
SECTION LINES
ONE QUARTER SECTION LINES
BARBED WIRE FENCE
COMBINATION WIRE FENCE
CHICKEN WIRE FENCE
TELEPHONE LINE
POWER LINE



R.O.W. TABULATION OF PROPERTIES IN MONTEZUMA COUNTY

S.H. No. 145 & 147 COMB. PROJ. S 0153 (1) & S 0156 (2)

FED. ROAD DIST. NO.	STATE	COMB. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S0153(1) & S0156(2)	2	

RIGHT OF WAY

PARCEL NO.	OWNER	ADDRESS	LOCATION	AREA IN ACRES			ASSESSED VALUATIONS				REMARKS	NO.
				TOTAL LAND	PARCEL	TO BE ACQUIRED	TOTAL LAND	PER ACRE	PARCEL	IMP'S.		
PROJECT S 0153 (1) Outside Dolores)			T. 37 N., R. 15 W., N.M.P.M.									
1	Navie Johnson Nee Ritter	Dolores, Colorado	NW 1/4 NE 1/4 Sec. 16	0.75	0.0194	0.0194					Acquired,	1
2	James Hammond	Dolores, Colorado	NW 1/4 NE 1/4 Sec. 16	5.00	0.2505	0.2505					Acquired, Book No. 137, Page 65, December 18, 1948	2
3	Thomas J. & Elizabeth Porter	Dolores, Colorado	NW 1/4 Sec. 16	71.00	6.5518	6.0284					Acquired, Book No. 137, Page 69, December 18, 1948	3
4	R.V. & Yvonne Rogers	Route No. 1, Dolores, Colorado	NE 1/4 Sec. 17	145.00	3.8653	2.4226					Acquired, Book No. 137, Page 77, December 18, 1948	4
											Revision Acquired, Book No. 137, Page 123, March 28, 1949	4
5	Blue Robinson	Route No. 1, Dolores, Colorado	SW 1/4 Sec. 8	228.00	3.073	2.383					Acquired, Book No. 137, Page 75, December 18, 1948	5
5A	Blue Robinson	" " " "	NW 1/4 Sec. 17		3.191	1.936						
6	C. Tories	Star Route No. 1, Dolores, Colorado	NE 1/4 Sec. 18	170.00	0.268	0.035					Acquired, Book No. 137, Page 83, December 18, 1948	6
7	Montezuma Valley Irrigation Company	Cortez, Colorado	NE 1/4 Sec. 17	12.80	2.3579	2.0690					Acquired, Book No. 137, Page 111, March 10, 1949 (In "No Work Section")	7
8	Blue Robinson		SE 1/4 Sec. 8	1.00	0.1710	0.1710					Acquired, Book No. 140, Page 289, March 28, 1949 (In "No Work Section")	8
PROJECT S 0156 (2)												
1	Blue Robinson	Route No. 1, Dolores, Colorado	NW 1/4 Sec. 17	228.00	0.878	0.512					Acquired, Book No. 137, Page 73, December 18, 1948	1
2	C. Tories	Star Route No. 1, Dolores, Colorado	SE 1/4 Sec. 7 & NE 1/4 Sec. 18	170.00	2.001	0.187					Acquired, Book No. 137, Page 85, December 18, 1948	2
3	John W. Ritter	Moncos, Colorado	S 1/2 Sec. 7 & NE 1/4 Sec. 18	297.00	9.790	7900					Acquired, Book No. 137, Page 71, December 18, 1948	3
4	John R. James	Dolores, Colorado	NW 1/4 Sec. 7	131.00	1.1390	0.8739					Acquired, Book No. 137, Page 67, December 18, 1948	4
5	John R. James	Dolores, Colorado	SE 1/4 NW 1/4 Sec. 7	191.00	0.0321	0.0029					Acquired, Book No. 137, Page 79, December 18, 1948	5
6	Hicks Odom	Star Route No. 2, Dolores, Colorado	NW 1/4 Sec. 7	65.00	0.0978	0.0519					Acquired, Book No. 137, Page 61, December 18, 1948	6
7	Herbert & Rita Grey	Star Route No. 2, Dolores, Colorado	NW 1/4 Sec. 7	65.00	4.5205	4.5064					Acquired, Book No. 137, Page 61, December 18, 1948	7
			T. 37 N., R. 16 W., N.M.P.M.									
8	W.E. & A.E. Hamilton	Star Route No. 2, Dolores, Colorado	NE 1/4 Sec. 12	135.00	4.0586	3.2735					Acquired, Book No. 137, Page 63, December 18, 1948	8
9	Public Domain, United States Government		NE 1/4 Sec. 12		0.8458	0.6465						9
10	A. A. Simmons	Cortez, Colorado	SE 1/4 Sec. 1	80.00	0.0680	0.0680					Acquired, Book No. 137, Page 81, December 18, 1948	10

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0153(1)	3	

RIGHT OF WAY

N

Riverside Avenue

R.G.S. R.R.

Central Avenue

1st Street

2nd Street

Fire Plug

Curb Cut

Water Cut-Off Valve

Water Box

Telephone Pole

Orchard

Fence

Ditch

Irrigation Ditch

Driveway Gate

Concrete Walk

Concrete Bridge

Steel Bridge

Frame Bridge

Frame Shed

Frame Garage

Frame Barn

Frame Dwelling

Brick Dwelling

Brick Store

Brick Garage

Brick Shed

Brick Barn

Brick Bank

Brick Church

Brick Hotel

Brick Theatre

Brick Warehouse

Brick Power House

Brick Pump House

Brick Ice Plant

Brick Creamery

Brick Flour Mill

Brick Grain Elevator

Brick Lumber Yard

Brick Coal Yard

Brick Stock Yard

Brick Scale House

Brick Depot

Brick Freight Depot

Brick Passenger Depot

Brick Roundhouse

Brick Machine Shop

Brick Blacksmith Shop

Brick Paint Shop

Brick Oil House

Brick Tank

Brick Windmill

Brick Pump

Brick Well

Brick Spring

Brick Creek

Brick River

Brick Lake

Brick Pond

Brick Reservoir

Brick Dam

Brick Bridge

Brick Culvert

Brick Road

Brick Street

Brick Alley

Brick Sidewalk

Brick Curb

Brick Gutter

Brick Drain

Brick Sewer

Brick Manhole

Brick Catch Basin

Brick Inlet

Brick Outlet

Brick Flume

Brick Chute

Brick Conveyor

Brick Elevator

Brick Crane

Brick Derrick

Brick Hoist

Brick Scaffold

Brick Ladder

Brick Platform

Brick Steps

Brick Railing

Brick Fence

Brick Gate

Brick Door

Brick Window

Brick Roof

Brick Chimney

Brick Flue

Brick Vent

Brick Skylight

Brick Awning

Brick Canopy

Brick Porch

Brick Balcony

Brick Veranda

Brick Portico

Brick Colonnade

Brick Arcade

Brick Gallery

Brick Loggia

Brick Terrace

Brick Patio

Brick Courtyard

Brick Garden

Brick Lawn

Brick Shrubbery

Brick Tree

Brick Flower Bed

Brick Vegetable Garden

Brick Orchard

Brick Vineyard

Brick Nursery

Brick Greenhouse

Brick Cold Frame

Brick Hotbed

Brick Compost Heap

Brick Manure Pile

Brick Ash Pile

Brick Garbage Can

Brick Incinerator

Brick Smokestack

Brick Boiler

Brick Engine

Brick Motor

Brick Generator

Brick Transformer

Brick Switchboard

Brick Meter

Brick Gauge

Brick Thermometer

Brick Barometer

Brick Anemometer

Brick Weather Vane

Brick Lightning Rod

Brick Flagpole

Brick Sign

Brick Billboard

Brick Poster

Brick Bulletin Board

Brick Mailbox

Brick Newspaper Box

Brick Vending Machine

Brick Telephone Booth

Brick Fire Alarm Box

Brick Police Call Box

Brick Traffic Light

Brick Parking Meter

Brick Fire Hydrant

Brick Water Tower

Brick Standpipe

Brick Elevated Tank

Brick Ground Tank

Brick Cistern

Brick Septic Tank

Brick Leach Field

Brick Drain Field

Brick Absorption Bed

Brick Filter Bed

Brick Settling Basin

Brick Aeration Tank

Brick Chlorinator

Brick Pump

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0153(1)	4	

RIGHT OF WAY

(1) Navie Johnson Nee Ritter, Dolores, Colo.

(2) James Hammond Dolores, Colo.

(3) Thomas J. & Elizabeth Porter Dolores, Colorado

NW¼, NE¼ — NE¼, NW¼ — NW¼, NW¼ — SW¼, SE¼

Sta. 16+80.4 — Sta. 23+50 — Sta. 30+00 — Sta. 31+00 — Sta. 38+00 — Sta. 43+50 — Sta. 46+00

P.I. 32+27.6

Bore Yard Lr. Sta. 29+84-30+50

Δ 18°51' RT.
D 2°30'
T 380.4
L 754.0
R 2292.0

Δ 7°57' RT.
D 1°00'
T 398.1
L 795.0'
R 5730'

S. 77°13' W. 575.7'

S. 85°10' W. 1040.3'

N 86°28' W 2602.6' To Sec. Cor. #2830

N 84°35' W 2452.2' To Sec. Cor.

S. 67°27' W 2590'

S. 72°52' W. 1175'

N 63°38' W 595.7' (Meas.)

N 13°18' E. 20.0'

S. 37°31' W. 20.0'

S. 5°12' W.

N. 0°11' E.

N. 18°40' E.

Bore

Present Road

Cemetery

Ditch

Headgate in Place

Irrigation

Orchard

City Pipeline

Power Bldg.

Cond. Well

Driveway gate

Walk gate

Concrete walk

Colo.

DOLORES

CLEARING & GRUBBING
HEAVY OAK BRUSH RIGHT
OF DITCH STA. 16+15-23+50

CLEARING & GRUBBING
LIGHT WILLOWS ALONG
DITCH STA. 30+00-31+00

CLEARING & GRUBBING
LIGHT WILLOWS ALONG
DITCH STA. 38+00-46+00

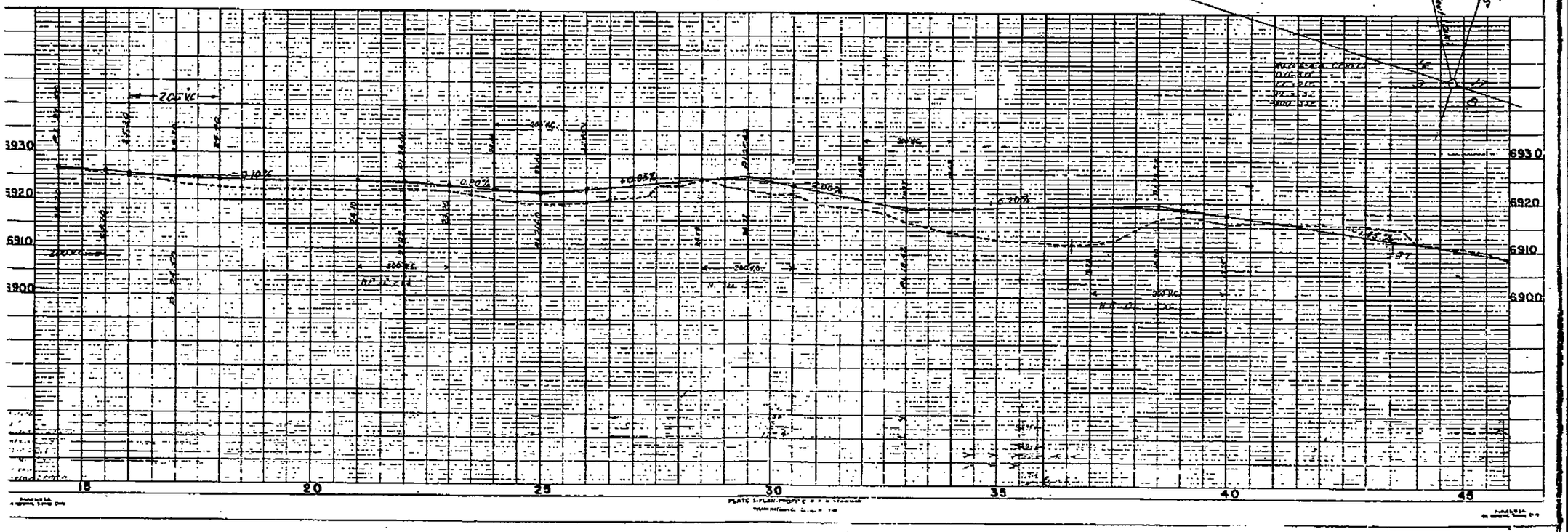


PLATE 5 PLAN-PROFILE

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
8	COLO.	S 0153(1)	5	

RIGHT OF WAY

Montezuma Valley Irrigation Company
Cortez, Colorado

NO WORK SECTION STA. 64+00 TO STA. 71+00

NE¼, NE¼

NW¼, NW¼

SW¼, SE¼

NE¼, NW¼
Blue Robinson
Route No.1
Dolores, Colorado

SE¼, SW¼

R.V. and Yvonne Rogers
Route No. 1
Dolores, Colorado

Blue Robinson
Dolores, Colo.

T. 37 N.
R. 15 W.

CLEARING & GRUBBING
STA. 53+00-63+50
10% WILLOWS

CLEARING & GRUBBING
STA. 63+50-70+60
70% WILLOWS-5% COTTONWOOD

CLEARING & GRUBBING
STA. 72+00-74+00
20% WILLOWS-8 LARGE COTTONWOODS

6920
6910
6900
6890
6880

45 50 55 60 65 70 75

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 015(3)1	6	

RIGHT OF WAY

N.E¼, N.W¼

S.E¼, SW¼

NW¼, N.W¼ Sec. 17 T37N, R 15 W.

S.W¼, S.W¼ Sec. 8 T37N, R 15 W.

Dolores River

Canal

PROJECTED LINE TO BE CONSTRUCTED

(5) (5A)

Silas Robinson
Route No. 1
Dolores, Colorado

CLEARING & GRUBBING STA. 80+00-82+00
5 BLACK WALNUT TREES

CLEARING & GRUBBING STA. 89+00- 90+00
WILLOWS ALONG CANAL

PLATE 1-PLAN-PROFILE

FED. ROAD DIST. NO.	STATE	COMP. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0153(1) & S 0156(2)	7	

RIGHT OF WAY

NW¼ NW¼ Sec.17 T37N, R15W.

Blue Robinson
Route No. 1
Dolores, Colorado

(5A) S0153(1) (1) S0156 (2)

CONSTRUCTED LINE 10°00' D.C. 573.6' L.T. 1673.2'

SURVEYED LINE Δ=20°45' Lt. D=350.6' T=350.0' L=693.8' R=1910.0'

PROJ. LINE Δ=15°16' Lt. D=4°00' T=191.98' L=381.67' R=1432.50'

PROJ. PI. 113+72.83 Equation 38+60.0 Back = 74+32.83 Ahead

PROJ. PI. 111+47.37

CONSTRUCTED LINE Δ 23°15' Lt. D 4°00' T 236.4 L 465.0 R 1432.5 TS 867.1

STA. 112+00 = END S0153(1) AS CONSTRUCTED

(6) G. Tories
Star Route No. 1
Dolores, Colorado

PROJECTED LINE TO BE CONSTRUCTED

PROJ. LINE Δ=20°30' Lt. D=6°00' T=172.88' L=341.67' R=955.0'

SURVEYED LINE Δ=11°05' Lt. L=350' T=233.6' R=1117.1'

PROJ. P.C. 94+93.1 — PROJ. P.T. 92+18.4 — PROJ. P.C. 84+15.0

P.C.S. 98+62.6 — P.T.S. 97+72.3 — P.C.S. 96+12.2 — P.T.S. 95+40.5

STA. 98+40.5 Beige Parcel #4 West 855.3 ft. to Sec. Corner

STA. 95+58.7 Beige Parcel #3 N. 0°09'W. 341.4' to Sec. Corner

STA. 95+58.7 Beige Parcel #2 S. 0°09'E. 1320.0 ft. to Sec. Corner

STA. 95+58.7 Beige Parcel #1 N. 0°09'W. 341.4' to Sec. Corner

STA. 95+58.7 S. 0°09'E. 1320.0 ft. to Sec. Corner

N. 30°36'E. 796.8'

S. 30°34'W. TO DOLORES

S. 30°34'E. 470.5

STA. 407+48.4 = END S 0156(2) = OPPOSITE STA. 104+03.6 on S 0153(1)

STA. 407+04.2 TO CORTEZ

Chord S. 26°54'E. 376.6'

P.I. 108+88.8

I.R. 5/8" W.C. Corner

STA. 404+39.3

STA. 110+76.1 1320.0 ft. to Sec. Corner

CLEARING & GRUBBING STA. 91+00–100+00
35% OAKBRUSH & PINION

NE¼ NE¼ Sec.17 T.37N. R.15 W.

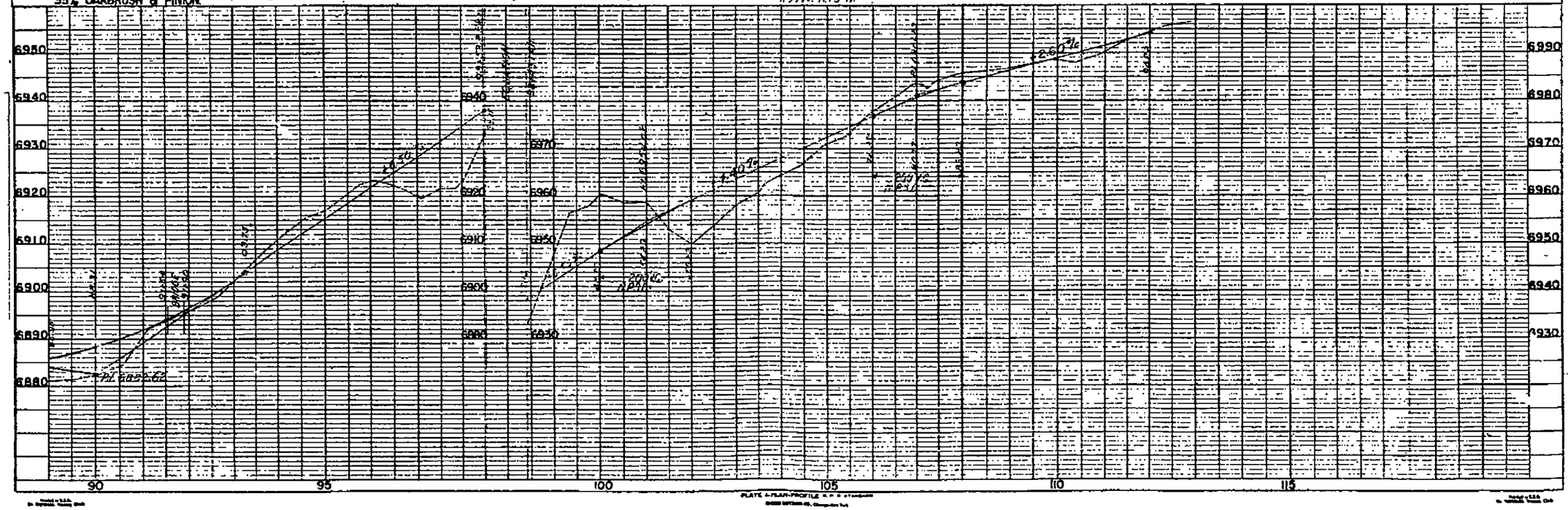


PLATE A-PLAN-PROFILE

PROJ. ROAD SECT. NO.	STATE	COMB. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S0153(1) S0156(2)	8	

NW¼ NW¼ Sec. 17, T.37N., R.15W.

Blue Robinson
Route No. 1
Dolores, Colorado

S0153(1) S0156(2)

RIGHT OF WAY

PROJECTED LINE TO BE CONSTRUCTED

P.C. 103+15.0

CONST. T.S. 103+37.8

STA. 404+30.3

STA. 407+01.8 160.7' TO J. LEWIS

202.7'

STA. 403+87.3 Begin Parcel No. 1 N.0°20'W. 34.8' to Sec. Corner

STA. 407+48.4 = END S0156(2) = OPPOSITE STA. 104+03.6 on S0153(1)

TO COLORADO 18 (DIST.(1))

CLEARING & GRUBBING STA. 101+00–405+00
20% SAGE BRUSH

400'LC.

6980
6970
6960
6950

405

PLATE 1-PLAN-PROFILE

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
2	COLO.	3015612)	9	

RIGHT OF WAY

NE¼, NE¼

(2) C. Toriss
Star Route No. 1
Dolores, Colorado

NW¼, NW¼

(1) Blue Robinson
Route No. 1
Dolores, Colorado

SE¼, SE¼

(3) John W. Ritter
Mancos, Colorado

SW¼, SE¼

Property Line
S51°29'E
133.59

Revised Curve To Be Constructed
N55°29'W
179.88'

N. 43°29'W.
399.66'

N64°50'W
399.66'

N73°48'W 520.39

N67°31'W 418.6

S57°41'E 352.25'

N.0°16'E 3842.2

S.89°51'W.

N.58°25'E. 461.1N.

T. 37 N.
R. 15 W.

STA. 404+38.5

STA. 403+97.3

EQUATION

R.P.I. 387+81.89 Bk.
387+82.81 Ah.

P.I. 387+82.L

R.P.S. 382+81.22

Δ 8°00'LT.
LS 400.0
U 266.93
V 133.59

Δ 24°02'LT
D 4°00'
T 304.9
L 600.9

Rev. Curve
Δ 8°02' LT.
D 4°00'
T 100.6
L 200.80

R.P.S. 381+80.49

R.P.I. 382+86.4
R.P.I. 382+81.09

R.P.S. 380+47.42

R.P.S. 379+81.3

Δ 8°00'LT
LS 400.0
U 266.93
V 133.59

R.P.S. 377+80.42

CLEARING & GRUBBING
STA. 376+50-380+50
25% BRUSH- 5% PINION TREES

7020
7010
7000
6990
6980
6970
6960

7020
7010
7000
7050
7040
7030
7020

7080
7070
7060
7050
7040
7030
7020

405 400 395 390 385 380 375

PLATE 1-PLAN-PROFILE

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0156(2)	10	

RIGHT OF WAY

SE¼, SW¼

N.59°41'W.

Section 7
T. 37 N.
R. 15 W.

SW¼, SE¼

NE¼, SW¼

③
John W. Ritter
Moncos, Colorado

NW¼, SW¼

⑤
John R. James
Dolores, Colorado

④
John R. James
Dolores, Colorado

SW¼, NW¼

To West ¼ Corner Section 7

S 65°-58' W
1062.19'

Property Line

⑥
Herbert & Rita Grey
Star Route No. 2
Dolores, Colorado

SE¼, NW¼

⑥
Hicks Odom
Star Route 2, Dolores, Colorado

Δ 12°50' LT.
D 2°00'
T 322.2
L 641.7
R 2865.0

P.I. 369+21.7

P.I. 362+41.2

P.C. 356+99.5

S 37°-10'-E
1860.0

N.45°-29' W.
1832.29'

N.30°-39' W.
3712'
1962.15'

1749.1'

S 37°-04' E
652.78'
655.54'

N37°-04' W
625.19'
630.39'

259.36'
299.66'

567.2'

CLEARING & GRUBBING
STA. 364+50-370+00
80% BRUSH- 15% PINION

CLEARING & GRUBBING
STA. 360+50-364+50
60% SMALL PINION TREES

CLEARING & GRUBBING
STA. 353+50- 360+50
50% BRUSH

7080
7070
7060
7050

375 370 365 360 355 350 345

PLATE 9 PLAN-PROFILE

FED. ROAD DIST. NO.	STATE	PROJ. NO.	AMEND NO.	TOTAL SHEETS
3	COLO.	S 0156(2)	11	

RIGHT OF WAY

SW¼, NW¼

⑦ Herbert and Rita Grey
Star Route 2
Dolores, Colorado

T.37N. R.15 W.
T.37 N. R.15 W.

NE¼, NE¼

⑧ W.E. & A.E. Hamilton
Star Route 2
Dolores, Colorado

North

N88°51'W.

Δ 56°29' RT.
D 8°00'
T 584.7
L 706.0
Rev. Curve
Δ 20°29' RT.
D 8°00'
T 129.40
L 256.04

Δ 18°00' RT.
LS 450.0
U 301.48
V 151.48

PC 318+29.5

PRC 320+70.1

Δ 18°00' RT.
LS 450.0
U 301.48
V 151.48

PT 322+27.2

RPC 323+29.8

Revised Be Constructed

N 67°09' W.

WIRE GATE

BLK GATE

HOUSE

⑩ A. A. Simmons
Cortez, Colorado

RPI 326+22.0

N 81°54' W.

SE¼, SE¼

NW¼, NW¼

25' Meander W.P.S.L.

RPI 324+17.3

PI 322+35.9

RPI 322+00.1

CLEARING & GRUBBING
STA. 327+00-335+00
15% BRUSH-15% PINION & CEDAR

CLEARING & GRUBBING
STA. 322+00-327+00
30% OAKBRUSH & PINION

CLEARING & GRUBBING
STA. 311+00-317+00
60% BRUSH & SMALL PINIONS

EQUATION

7100
7090
7080
7070
7060
7050

345 340 335 330 325 320 315

PLATE 1 - PLAN-PROFILE

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0156(2)	12	

RIGHT OF WAY

$NE\frac{1}{4}, NE\frac{1}{4}$

(8)

W.E. & A.E. Hamilton
Star Route 2
Dolores, Colorado

$NW\frac{1}{4}, NE\frac{1}{4}$

(9)

Public Domain

N

N.0° 08' W.

315 20' 30' 738.9' 736.9' N.87° 08' W.

310 305

N89°00'W

N87°54'W. 628.04'

435.0' 13.7'

(10)

Section 12
T. 37 N., R. 16 W.
Of The N.M.P.M.

Section 1
T. 37 N., R. 16 W.
Of The N.M.P.M.

STA. 305+00 BEG. S 0156(2)
END S 0156(1)

N.0° 04' E. 316.8'

$SE\frac{1}{4}, SE\frac{1}{4}$

$SW\frac{1}{4}, SE\frac{1}{4}$

(10)

A.A. Simmons
Cortez, Colorado

7100
7090
7080
7070
7060

600' V.C.

315 310 305

PLATE 1-PLAN-PROFILE

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S 0156 (2)	13	

RIGHT OF WAY

OWNERSHIP MAP
PLAT
SHOWING CLAIMANTS WITH REGARD
TO RIGHT OF WAY FOR PROJECT S0153(1)
SCALE 1"=400'

FED.ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
8	COLO.	SO156(2)	14	

RIGHT OF WAY

T 37 N R 15 & 16 W

Sta 305+00 Begin SO156(2)

407+48.4 End SO156(2)
Opposite Sta. 104+03.6
Project SO153(1)

① Blue Robinson
NW 1/4 Sec. 17

② C. Torres
N1/2 NE1/4 and
S1/2 SE 1/4
South of Highway 147

③ John W. Ritter
S1/2 SE 1/4
North of Highway 147

④ ⑤ John R. Jones
SW 1/4 NW 1/4
South of Highway 147
and NW 1/4 SW 1/4

⑥ Hicks Odom
E1/2 NW 1/4

⑦ Herbert & Rena Gray
NW 1/4 NW 1/4 &
SW 1/4 NW 1/4 North
of Highway 147

⑧ W.E. and A.E. Hamilton
E1/2 NE 1/4

⑨ Public Domain
W1/2 NE 1/4

⑩ A.A. Simmons
SE 1/4

Public Domain
NW 1/4 SE 1/4

John W. Ritter
E1/2 SW 1/4

OWNERSHIP MAP
PLAT
SHOWING CLAIMANTS WITH REGARD TO RIGHT OF WAY FOR PROJECT SO156(2) AND SO153(1)
SCALE 1"=400'

MICROFILMED

SHEET 1 OF 2 SHEETS

Dolores City Limits

③ Thomas J.& Elizabeth Porter
N1/2 NW1/4 Sec. 16

④ T.V. & Yvonne Rogers
NE1/4 Sec. 17

⑦ Montezuma Valley Irrigation Co.
Part of NW1/4 NE1/4 Sec.17

5A Blue Robinson
N1/2 NW1/4 Sec.17

① Marie Johnson Nee Ritter
Part of NW1/4 NE1/4

② James Hammond
Part of NW1/4 NE1/4

⑥ C. Torres
NE1/4 NE1/4 Sec 18
& SE1/4 SE1/4 Sec 7
South of Highway
No. 147

⑧ Blue Robinson
S1/2 SE1/4 Sec.8

⑤ Blue Robinson
S1/2 SW1/4 Sec.8
& NE1/4 NW1/4 North
& East of the Dolores River

John W. Ritter
SE1/4 SE1/4 Sec.7 &
all North of Highway No.147
in NE1/4 NE1/4 Sec 18

Colorado State Highway No.147

TOWN OF DOLORES
NW1/4 NE1/4 Sec 18

DOLORES
SW1/4 SE1/4 Sec 7

R.G.S.R.R.

Dolores River

Central Ave.

1st St.

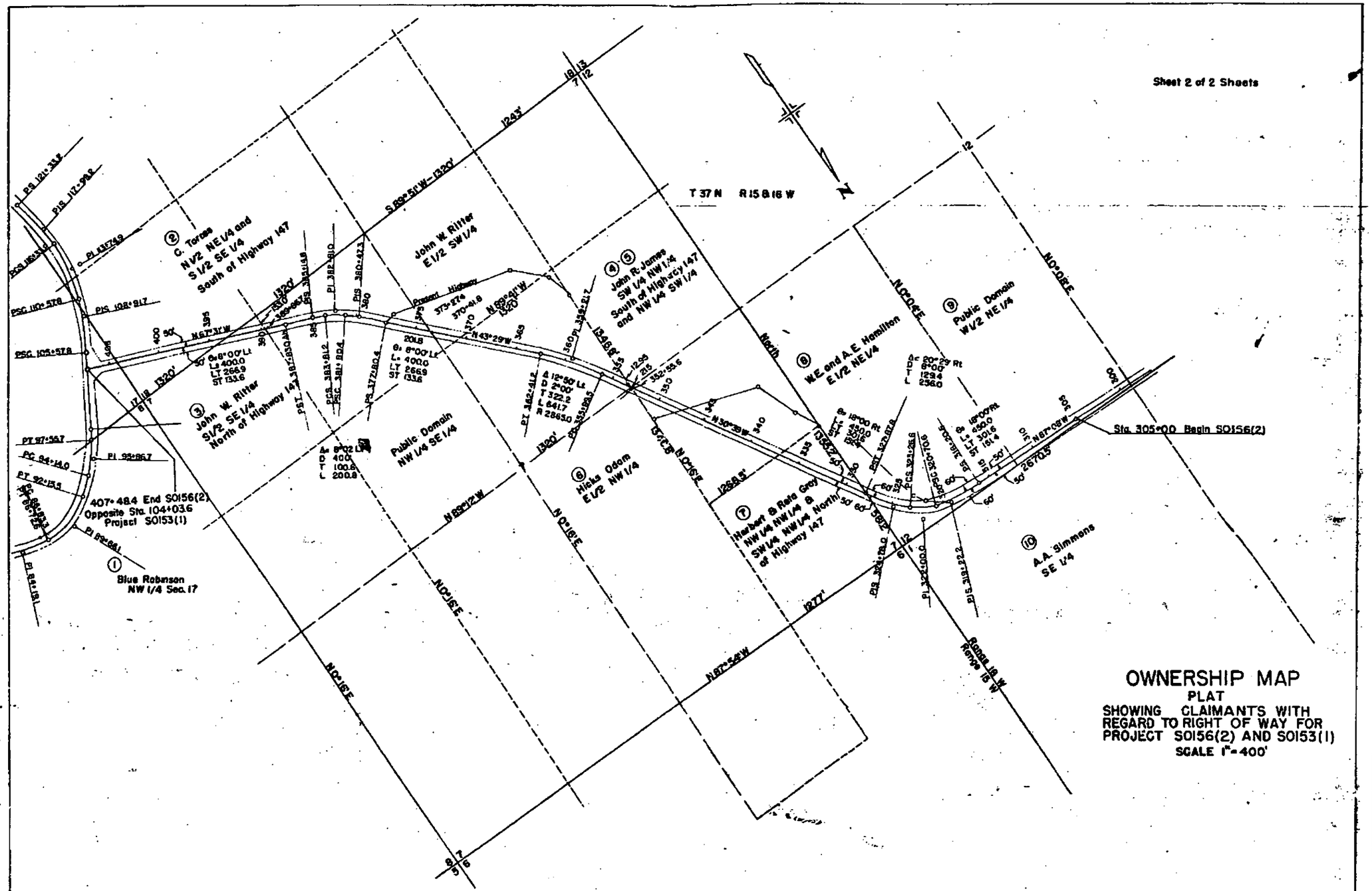
To Cortez

To Lewis

Sta 64+00 to Sta 77+00 not included in this Project

OWNERSHIP MAP
PLAT
SHOWING CLAIMANTS WITH REGARD
TO RIGHT OF WAY FOR PROJECT SO153(1)
SCALE 1"=400'

Sheet 2 of 2 Sheets



OWNERSHIP MAP

PLAT

SHOWING CLAIMANTS WITH REGARD TO RIGHT OF WAY FOR PROJECT S0156(2) AND S0153(1)

SCALE 1"=400'