

Drafting Room

TITLE SHEET

DEPARTMENT OF HIGHWAYS STATE OF COLORADO

RIGHT OF WAY PLAN OF PROPOSED FEDERAL AID PROJECT NO. I-70-I(15) SEC. I STATE HIGHWAY NO. 4 MESA COUNTY RIGHT OF WAY

INFORMATION OBTAINED FROM AVAILABLE COUNTY RECORDS

FEDERAL ROAD REGION NO.	DIVISION	PROJECT NO.	SHEET NO.
9	COLORADO	I-70-I(15) SEC. I	1

RIGHT OF WAY WEST OF GRAND JUNCTION
LOMA FRUITA

INDEX OF SHEETS

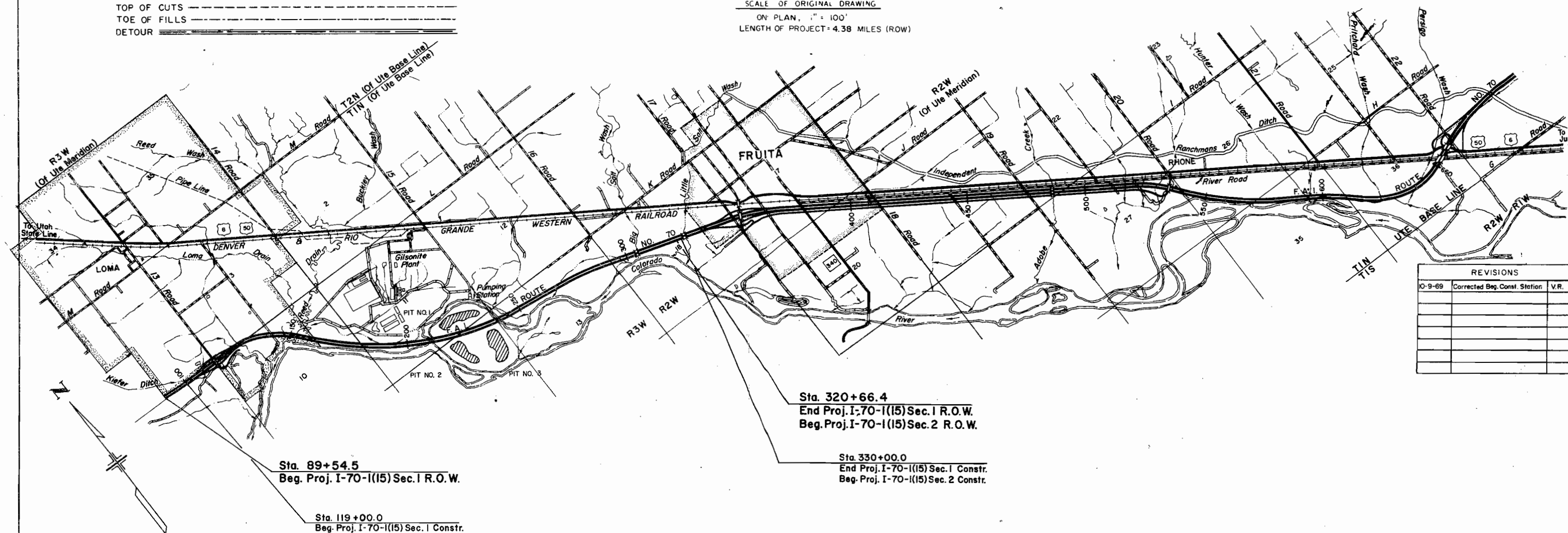
TITLE SHEET
TABULATION OF OWNERSHIP
ALIGNMENT
OWNERSHIP MAPS

SHEET NO

1
2-4
5-12
13-14

CONVENTIONAL SIGNS	
CENTER LINE	PLAN SHEET
COUNTY LINE	BEGIN PROJ. TITLE SHEET END PROJ.
TOWNSHIP OR RANGE LINE	SECTION LINE
LAND LINES	SECTION LINE
CITY LIMITS	PLAN SHEET
RAILROAD	PLAN SHEET
BARBED WIRE FENCE	
WOVEN WIRE - COMBINATION FENCE	
TELE. & TELEG. LINE	
POWER LINE	
PRESENT ROAD (PLAN SHEETS)	
RIGHT OF WAY LINE	
ACCESS POINTS (FREEWAYS)	
C OF A. LINE (CONTROL OF ACCESS)	
ACCESS DENIED BY DEED	
TOP OF CUTS	
TOE OF FILLS	
DETOUR	

SCALE OF ORIGINAL DRAWING
ON PLAN, 1" = 100'
LENGTH OF PROJECT = 4.38 MILES (ROW)



REVISIONS		
10-9-69	Corrected Beg. Const. Station	V.R.

A.H.T.

SCALE OF MILES
0 1/2 1 2 3

ENGINEERING CORPORATION OF AMERICA	
SUBMITTED:	
James D. Anderson CHIEF HIGHWAY ENGINEER	
10-25-76 DATE	

AS CONSTRUCTED
REVISED DATE
5-12-70

FEDERAL ROAD DISTRICT	PROJECT NO.	SHEET NO.	TO SHEET
1	COLORADO 170-1(28)14	8	

BRIDGE APPROACH SLABS

LOCATION	SKW. ANGLE	WIDTH	CONCRETE (10" THICK)	REIN. STEEL	CURB CL. "A" CONC.
			SQ. YD.	L.B.	CU. YD.
MAIN ROADWAY					
E.B. 152+ TO 153+	0°	39'-6"	175.6	9,006	1.0
W.B. 152+ TO 153+	0°	39'-6"	175.6	9,006	1.0
E.B. 208+ TO 210+	0°	39'-6"	175.0	9,015	1.0
W.B. 208+ TO 210+	0°	39'-6"	175.0	9,015	1.0
E.B. 238+ TO 240+	20°	39'-6"	238.0	12,063	1.8
W.B. 238+ TO 240+	20°	39'-6"	238.0	12,063	1.8
MEB. 303+ TO 304+ RT.	0°	39'-6"	175.5	9,061	1.24
E.B. 303+ TO 304+ LT.	0°	39'-6"	175.5	9,061	1.24
MEB. 325+ TO 326+ RT.	0°	39'-6"	175.5	9,061	1.24
E.B. 325+ TO 326+ LT.	0°	39'-6"	175.5	9,061	1.24
TOTAL			1881.2	96,424	12.56

* Includes Reinf. Steel in Curbs (See Bridge Details)
* Carried to Structure Quantities

MUCK REMOVAL

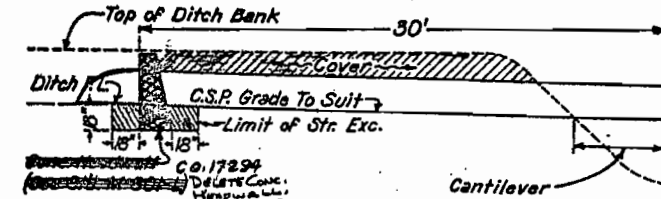
LOCATION	MUCK REMOVAL CU. YD.
191+ W.B.	7.33
320+ EB	90
TOTAL	97.33

* STRUCTURE UNDER MAIN LINE.

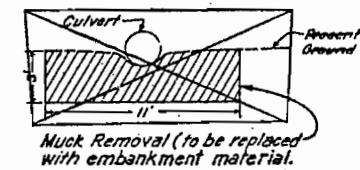
R.O.W. MARKERS

LOCATION	SIDE	NO.
T.S. 129+20 (E.B.)	LT AND RT	2
P.O.C. 143+00 (E.B.)	LT AND RT	2
S.T. 161+35 (E.B.)	LT AND RT	2
P.C. 164+95 (W.B.)	LT AND RT	2
P.O.C. 184+00 (E.B.)	LT AND RT	2
P.O.C. 198+00 (E.B.)	LT AND RT	2
P.O.C. 217+00 (E.B.)	LT AND RT	2
P.O.C. 232+04 (W.B.)	LT AND RT	2
P.O.T. 247+00 (E.B.)	LT AND RT	2
P.C. 276+06 (W.B.)	LT AND RT	2
P.T. 291+35 (EB)	LT AND RT	2
P.T. 301+30 (W.B.)	LT AND RT	2
TOTAL		24

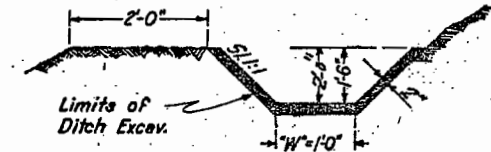
CORR. STEEL PIPE RUN-DOWN



DETAIL OF MUCK REMOVAL C.T.A. 3473



DETAIL OF CONCRETE LINED DITCH



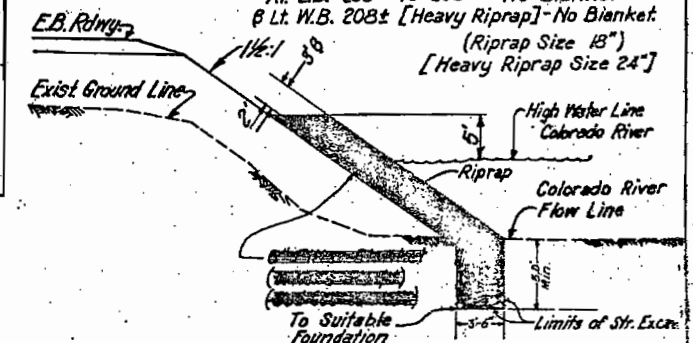
INTERCEPTING DITCHES

LOCATION	SIDE	CU. YD.
100+00 TO 100+00	RT	267
320+ TO 325+	LT	45
264+ TO 272+	LT	842
TOTAL		1154

LOCATION CHANGED BY THE ENGINEER.

DETAIL OF RIPRAP

Rt. E.B. 203+ to 207+ - Blanket
Rt. E.B. 233+ to 263+ - No Blanket
Lt. W.B. 208+ [Heavy Riprap] - No Blanket
(Riprap Size 18")
[Heavy Riprap Size 24"]



FENCING REQUIREMENTS

LOCATION	SIDE	REMOVE FENCE LIN. FT.	BUILD FENCE COMB. WIRE LIN. FT.	GATES DRIVE-WAY (16' EA.)
118+ - 305+ 142+ - 325+ 128+ - 325+	LT RT LT	1331 727 2078		
118+00 - 146+45 W.B. 146+65 - 142+ W.B. 152+	LT LT LT		3088 772 984	
155+00 - 207+00 W.B. 240+ - 302+75 W.B. 304+45 - 324 W.B. 324+75 - 330+00 W.B.	LT LT LT LT		5662 6577 2151 405	
116+25 - 121+50 EB 121+50 EB 121+66 - 151+50 EB	RT RT RT		527 3206	1
154+00 - 207+ EB 241+ - 302+ EB 302+ - 304+ MEB.	RT RT MEB.		5611 6455 92	
306+ - 324+90 EB 325+ - 326+ 326+ - 330+00 EB	RT MEB RT		2132 92 338	
TOTALS		4156	38,090	1

There are 83 Corner and Line Brace Posts and 30 End Posts

FINAL SUMMARY OF EARTHWORK QUANTITIES

UNCLASSIFIED EXCAVATION	CONC. CURB MAR.	STRUCTURE BACKFILL	PROJECT TOTALS
Roadway			
Roadway Approach (700' Front Rd.)	419,274	1,356	
MAINLINE, FRONT ROAD, 8' RAMP		5,390	
PLASTER MATERIAL (140' x 15' RT.)		3720	
ROCK MATERIAL (243' x 108)		3,243	
GRAVELLY MATERIAL (187' x 151)		2353	
ROAD DRAIN (CHANNEL CHANGE)		1,716	
CHANNEL CHANGE (292' x 50)		3,000	
STONE EXCAVATION (140' x 105)		949	
FOR DITCH BEAM (129' x 1)		102	
ACCESS ROAD (163' x 174)		2652	
CHANNEL CHANGE (240' x 245)		5,662	
WASHER MATERIAL		1,900	
EAST COLE. RIVER CROSSING		1,744	
DIG SALT WASH		44524	
LITTLE SALT WASH		1976	
DITCH EXCAVATION		25,249	
TORSION (SPARK PILE) - VARIOUS LOCATIONS		32,331	
GRAND TOTAL		148,510	
BORDERS - (Roadway & Drain)			
Pit #1 (Islands)	817	103,557	1,362
Pit #2 (Walls)		5735	1,002
Pit #3 (McBride)		147,502	1,206
Pit #4 (Gibson)		35,556	
Pit #5 (McBride)		62,449	
TOTAL		400,099	
EMBANKMENT (STANDARD)			
FROM BARGE AREA TRAVELATION		52,230	
DITCH BEAMS		5,236	
DITCH (240' x 1)		2,467	
TOTAL		57,933	
HAUL - YD. MI.			
ROADWAY		384,432	
C.O. 20722		344,000	
		82,764	

FIRE BREAK DETAIL

STATION	ITEM	SQ. YDS.
153+ TO 208+ LT	Soil Sterilization	6,111
TOTAL		6,111

R.O.W. Fence
Clear and Grub
by Others.

Clear Vegetation
& Apply Soil
Sterilant.

R. O. W. TABULATION OF PROPERTIES IN

MESA

COUNTY S.H.No. 4 PROJ. I 70-1 (15) SEC.1

FEDERAL ROAD DIVISION NO.	DISTRICT	PROJECT NO.	SHEET NO.
9	COLORADO	I 70-1 (15) Sec.1	2

RIGHT OF WAY WEST OF GRAND JUNCTION LOMA-FRUITA

PARCEL NO.	OWNER	ADDRESS	LOCATION	AREA IN ACRES			PURCHASE DATA					REMARKS	NO.
				PARCEL	TO BE ACQUIRED	REMAINDER	LAND	IMPROV'M'TS	DAMAGE	MISC.	TOTAL		
			T.1N., R.3 W. U.M.			Li. Rt.							
100 Rev 3	CARROL S. WILCOX and BARBARA J. WILCOX, J.T.	LOMA COLORADO	SE 1/4 SEC. 4	8.189	5.960	86.526						TOWNSITE OF LOMA	
101 Rev 2	BERYL A. TOWNER		N 1/2 NE 1/4 SEC. 9	22.620	22.620	54.921							
101 A	BERYL A. TOWNER		N 1/2 NE 1/4 SEC. 9	2.469	2.469	See Par. 101 Rev. 2							
102 Rev.	EUGENE A. SERVE		SW 1/4 SW 1/4 SEC. 3	5.629	5.629	34.177							
103 Rev. 3	U. S. LAND (B. L. M.)		NW 1/4 NW 1/4 SEC. 10	21.251	21.251	19.126							
103-A	DELETED												
104	ANTHONY JOSEPH SERVE	SE OF LOMA COLORADO	NE 1/4 NW 1/4 SEC. 10	11.201	11.201	23.643 19.280							
105	O. D. GORDON	S OF LOMA COLORADO	W 1/2 NE 1/4 SEC. 10	14.917	14.570	64.349 13.150							
106	AMERICAN GILSONITE CO.	W. OF FRUITA, COLORADO	SEC. 10, 11, 12 & 13	62.738	62.738	1037.015 64.624							
107 Rev. 2	U. S. LAND (B. L. M.)		S 1/2 S 1/2 SEC. 11 & N 1/2 N 1/2 SEC. 14	23.942	23.942								
AC 107A	U. S. LAND (B. L. M.)											ACCESS ONLY	
108	DELETED												
109	ROBERT NEAL McBRIDE & CLYDE McBRIDE	W. OF FRUITA COLORADO	NE 1/4 SEC. 13	20.695	20.695	65.369 53.370							
			T.1N., R. 2 W. U.M.										
110	ALVA A. REID & HELEN M. REID, J.T.	NW OF FRUITA COLO.	S 1/2 NW 1/4 SEC. 18	17.730	17.730	29.290 73.894							
110-A	U. S. LAND (B. L. M.)		SW 1/4 NW 1/4 LOT 3 SEC. 18	6.198	6.198								

REVISIONS

5-1-68	Name Changes On Parcels	---
100 Rev., 101 Rev. and 102		V.R.
7-15-68	Rev. Par. 103	D.J.F.
10-8-68	Added Par. 103-A	D.J.F.
11-20-68	Rev. 107 - Deleted 108	D.J.F.
1-30-69	Added AC 107 A	FCM
5-7-69	Deleted 103-A - Rev. 100 Rev., 101 Rev.,	
102 & 103 Rev. 2 - Added 104-A		D.J.F.
2-9-70	Rev. Par. 107 Rev. - Added Par. 110-A	D.J.F.
5-15-70	For Convenience	A.H.T.
8-23-72	Rev. Par. 100 Rev. 2	D.J.F.



PROJ. 170-1(15)SEC. 1

RIGHT OF WAY WEST OF GRAND JUNCTION
LOMA FRUITA

[illegible]

[illegible]

$\begin{array}{c} \leftarrow 5242.74 \rightarrow \\ 5 \quad 4 \quad \text{wc/wc} \quad 4 \quad 3 \\ 8 \quad 9 \quad 14 \quad 9 \quad 10 \\ \rightarrow 2639.95 \leftarrow \end{array}$

SEE PLANS IR 70-2(92)

FED. ROAD REG. NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	I-70-1(15) SEC. 1	5	14 ⁰⁶

LOMA-FRUITA

X TE-102

SEC. 3 T.I.N. R.3 W. U.M.

S 1192	TRACT. - 194 B.O.A	10-9-69	Corrected Reg. R.O.W. Station	V.R.
		8-23-72	Rev. 100 Rev. 2	D. J. F.

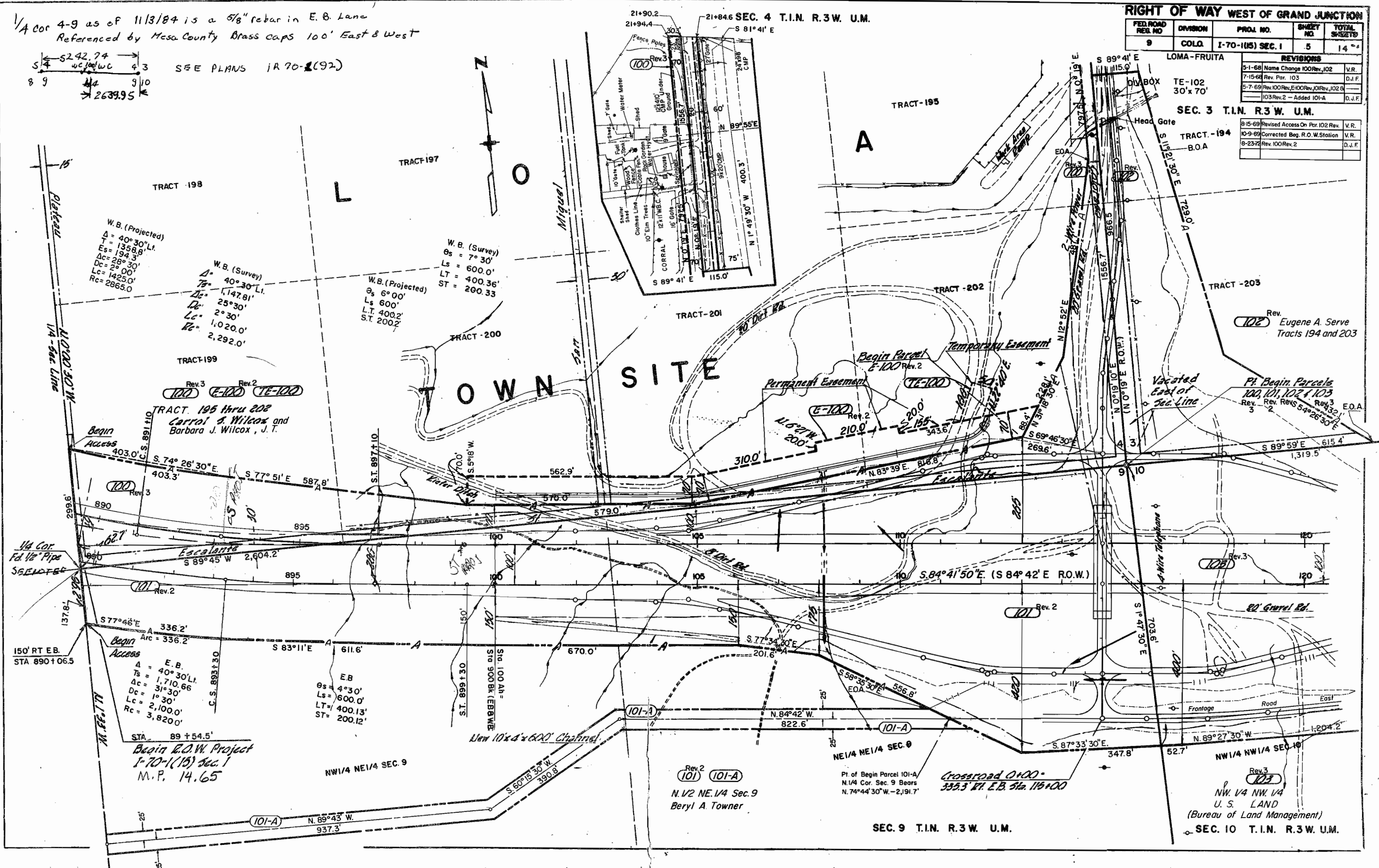
Rev. 102 Eugene A. Serve
Tracts 194 and 203

Pt. Begin. Parcels
100, 101, 102 & 103
Rev. 3 Rev. 2 Revs 54°26' Rev 3 E.O.A.

Rev. 3

Rev. 3
103
1/4 NW 1/4
S. LAND
(of Land Management)
O T.I.N. R.3W. U.M.

SEC. 10 T.1N. R.3W. U.M.



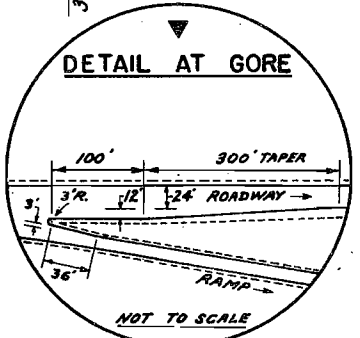
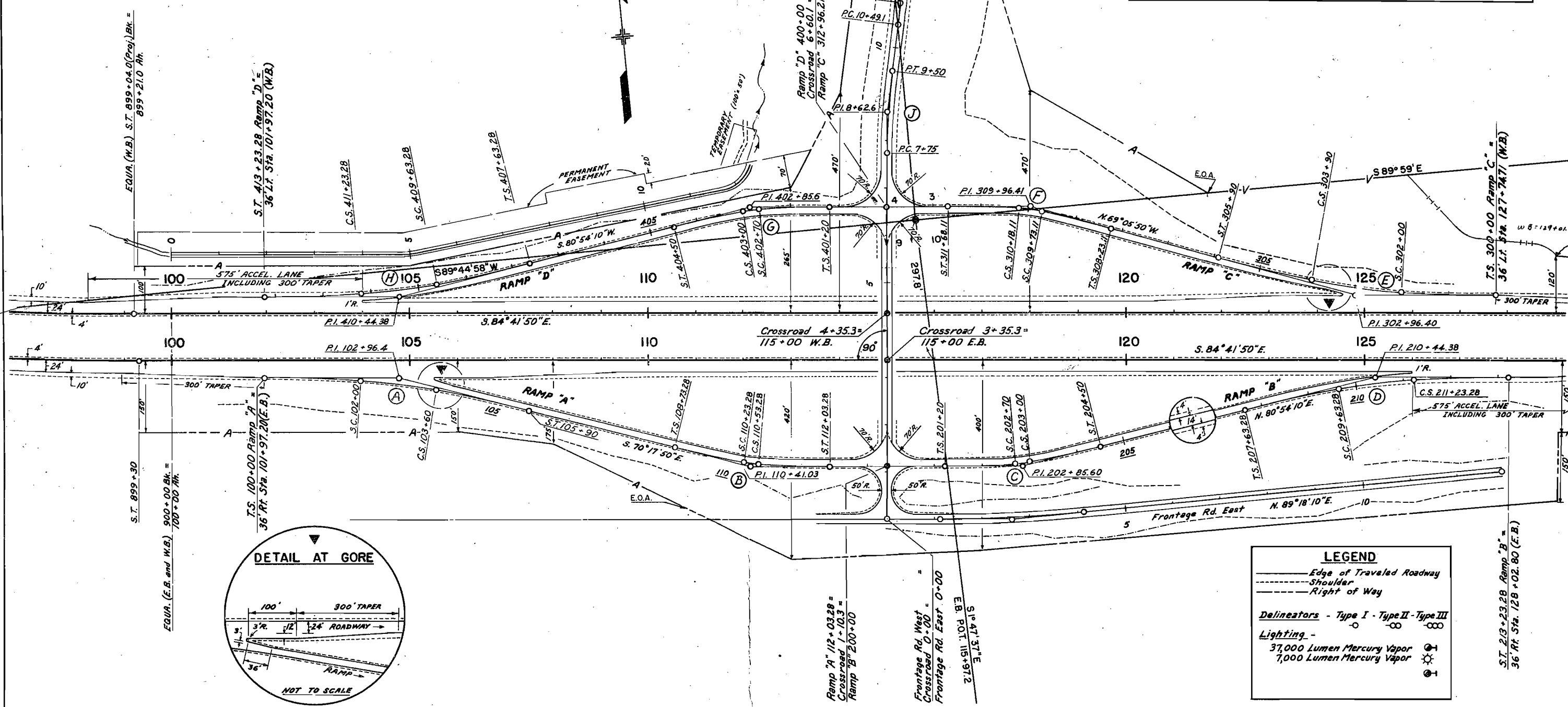
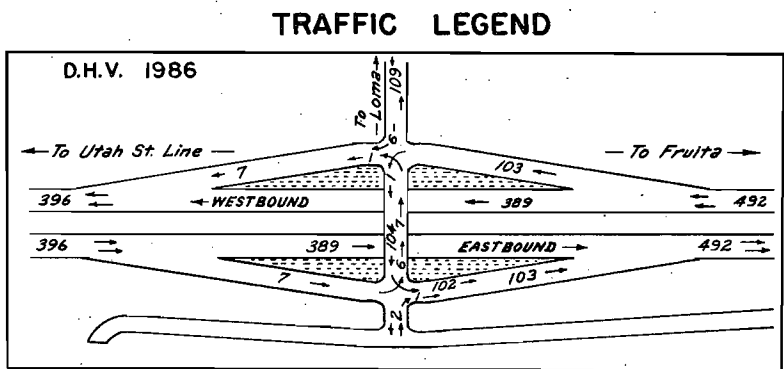
CURVE DATA													
CURVE	Δ_T	T_s	E_s	Δ_C	D_C	T_C	L_C	R_C	E_C	θ_s	L_s	$L.T.$	$S.T.$
A	14°24'	281.1	12.5	6°24'	4°00'		160.0	1432.4		4°00'	200.0	133.4	66.7
B	14°24'	165.6	7.0	2°24'	8°00'		30.0	716.2		6°00'	150.0	100.1	50.1
C	14°24'	165.6	7.0	2°24'	8°00'		30.0	716.2		6°00'	150.0	100.1	50.1
D	14°24'	281.1	12.5	6°24'	4°00'		160.0	1432.4		4°00'	200.0	133.4	66.7
E	15°36'	296.4	14.6	7°36'	4°00'		190.0	1432.4		4°00'	200.0	133.4	66.7
F	15°36'	173.3	8.0	3°36'	8°00'		45.0	716.2		6°00'	150.0	100.1	50.1
G	14°24'	165.6	7.0	2°24'	8°00'		30.0	716.2		6°00'	150.0	100.1	50.1
H	14°24'	281.1	12.5	6°24'	4°00'		160.0	1432.4		4°00'	200.0	133.4	66.7
J				7°00'	4°00'	87.6	175.0	1432.7	2.7				
K				11°59'	4°00'	150.4	299.6	1432.7	7.9				

LOMA INTERCHANGE
STA. 115+00

REVISIONS		
5-7-69	New Sheet	D.J.F.

FEDERAL ROAD REGION NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLORADO	I-70-1 (15) Sec. I	5-A	

RIGHT OF WAY WEST OF GRAND JUNCTION
LOMA FRUITA



LEGEND		
—	Edge of Traveled Roadway	
- - -	Shoulder	
- - -	Right of Way	
Delineators - Type I - Type II - Type III		
○	Type I	○
○	Type II	○
○	Type III	○
Lighting -		
○	37,000 Lumen Mercury Vapor	○
○	7,000 Lumen Mercury Vapor	○

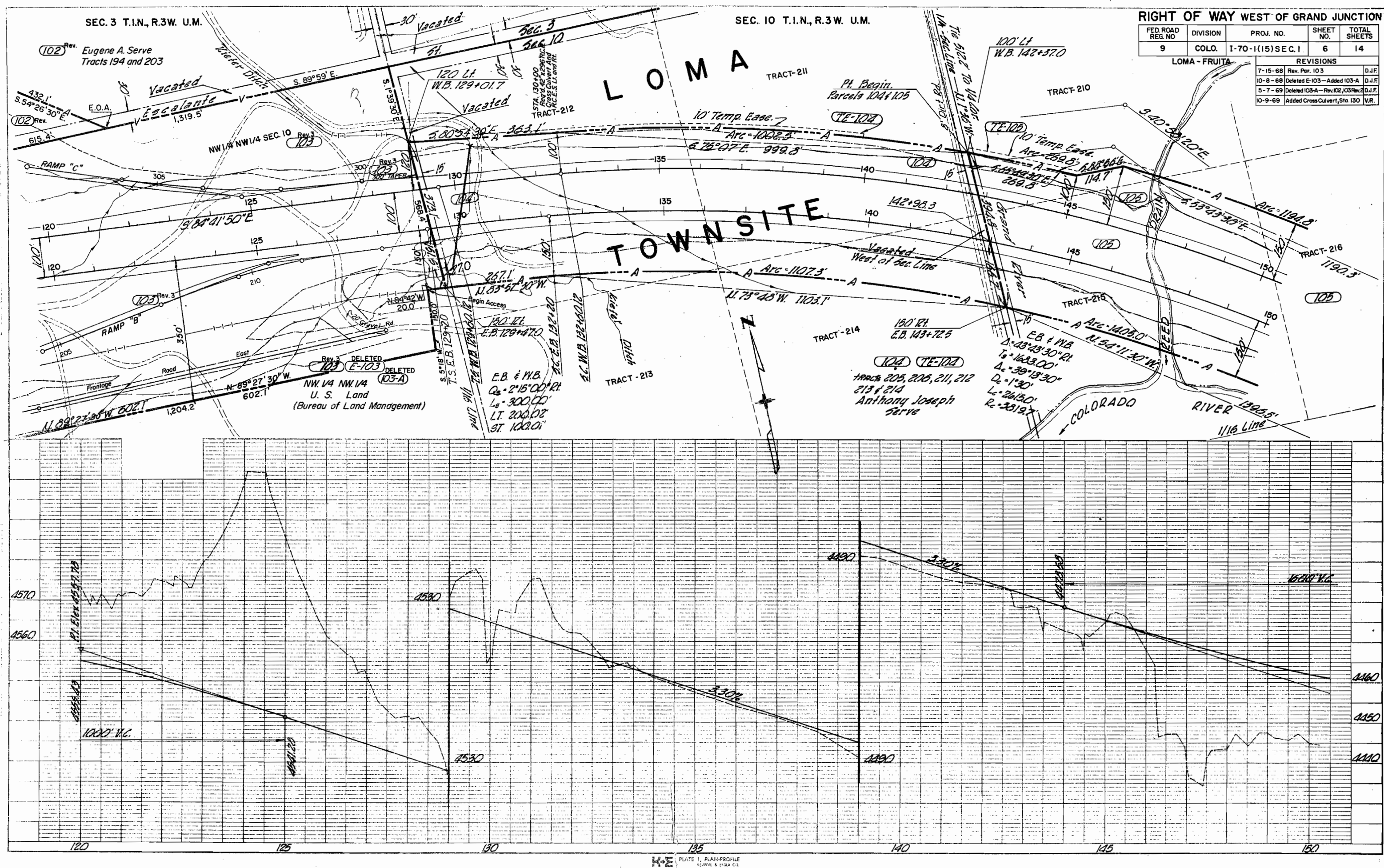
SEC. 10 T.1.N., R.3W. U.M.

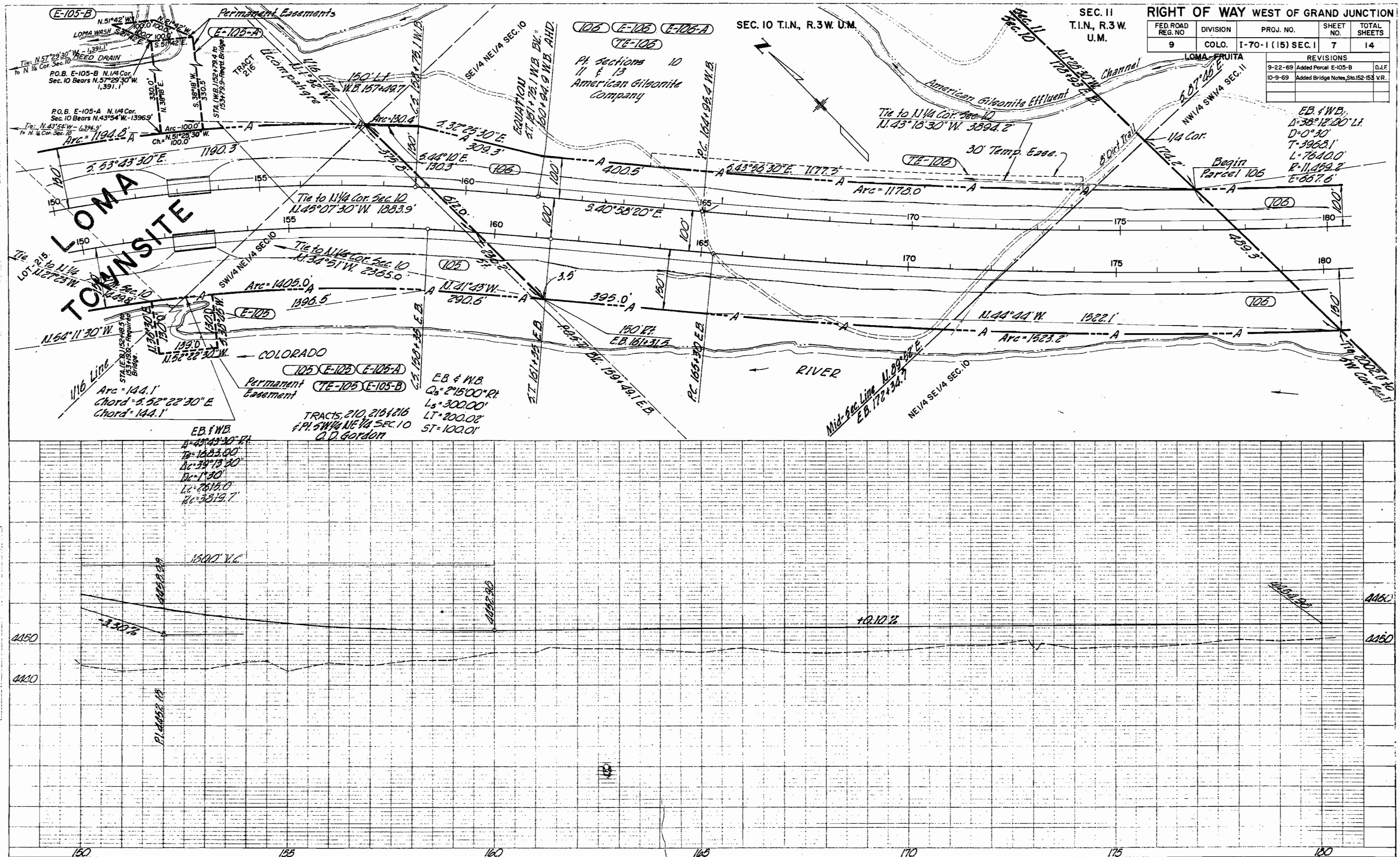
FED. ROAD REG. NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	I-70-1(15) SEC. 1	6	14

LOMA - FRUITA

REVISIONS

7-15-68	Rev. Par. 103	D.J.F.
10-8-68	Deleted E-103—Added 103-A	D.J.F.
5-7-69	Deleted 103-A—Rev.102,103Rev.2	D.J.F.
10-9-69	Added Cross Culvert, Sta. 130	V.R.





7-4-12

FED. ROAD REG. NO	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	I-70-1(15) SEC. I	8	14

FED. ROAD REG. NO	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	I-70-1(15) SEC. I	8	14

	REVISION
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63	
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Rt.	V. R.
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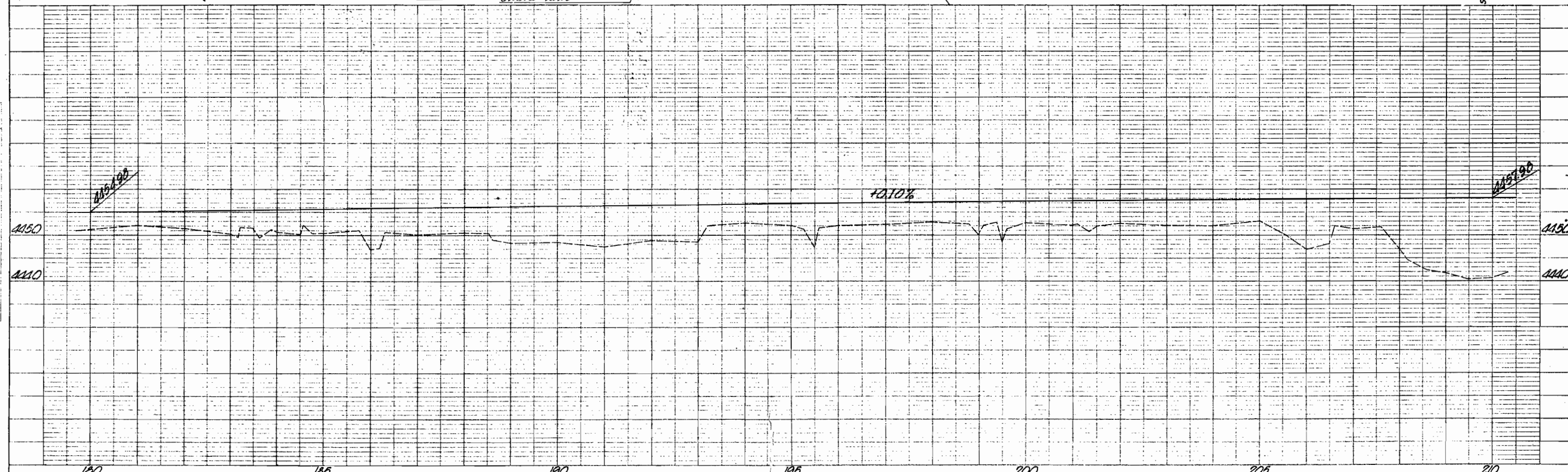


PLATE 1, PLAN-PROFILE
K&E

SEC. 11 T.1N. R.3W. U.M.

SEC. 12 T.1N. R.3W. U.M.

RIGHT OF WAY WEST OF GRAND JUNCTION

FED. ROAD REG. NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	I-70-1(15) SEC. 1	9	14

LOMA-FRUITA

REVISIONS		
11-20-68	Rev. 107 - Deleted 108	D.J.F.
1-30-69	Added Access B. Note	FCM
8-15-69	Added Parcels E-106B, E-106C	V.R.
10-9-69	Added Bridge Notes, Sta. 237 and 238	V.R.
11-19-69	Revised Parcel 107 Rev.	V.R.
2-9-70	Add openings to Par. 107 Rev. 2	D.J.F.
5-4-70	Changed Point of Begin 107 Rev. 2	D.J.F.
5-15-70	For Convenience	A.H.T.

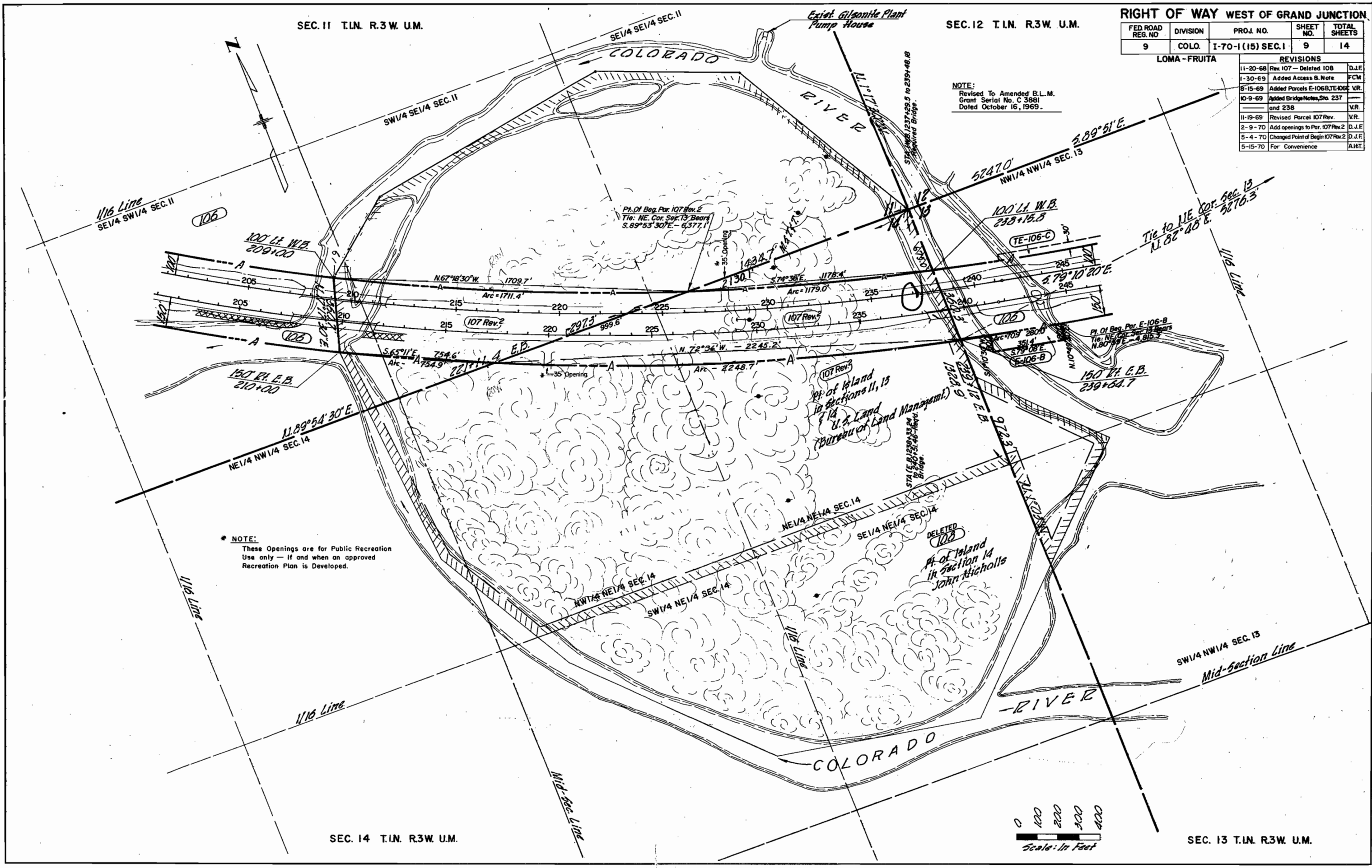
NOTE:
Revised To Amended B.L.M.
Grant Serial No. C 3881
Dated October 16, 1969.

* NOTE:
These Openings are for Public Recreation
Use only - If and when an approved
Recreation Plan is Developed.



SEC. 14 T.1N. R.3W. U.M.

SEC. 13 T.1N. R.3W. U.M.



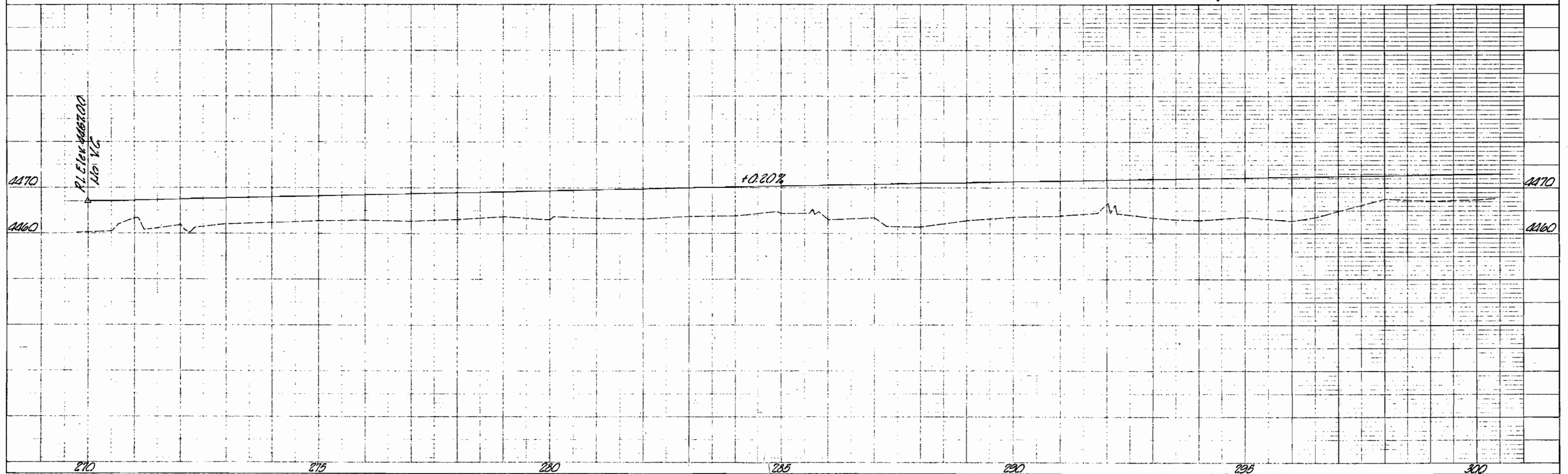
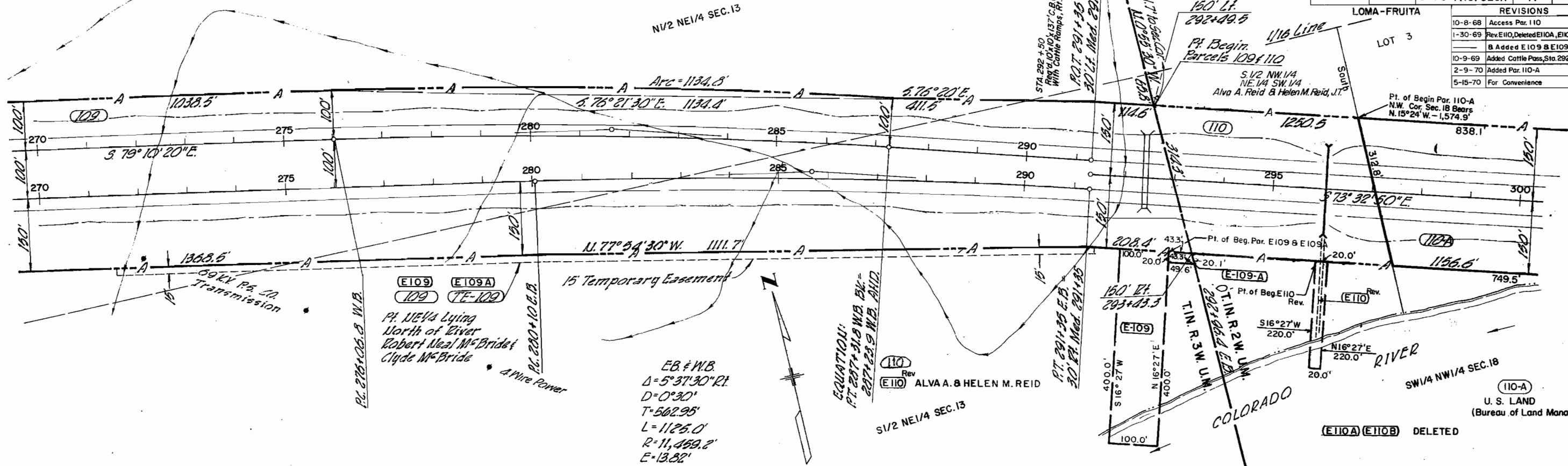
SEC. 13 T.1N. R.3W. U.M.

SEC. 18 T.1N. R.2W. U.M.

RIGHT OF WAY WEST OF GRAND JUNCTION

FED. ROAD REG. NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	I-70-1(15) SEC. 1	11	14

REVISIONS		
10-8-68	Access Par. 110	D.J.F.
1-30-69	Rev. E110, Deleted E110A, E110B	FCM
10-9-69	B. Added E109 & E109A	V.R.
2-9-70	Added Cattle Pass, Sta. 292+	D.J.F.
5-15-70	For Convenience	V.R.



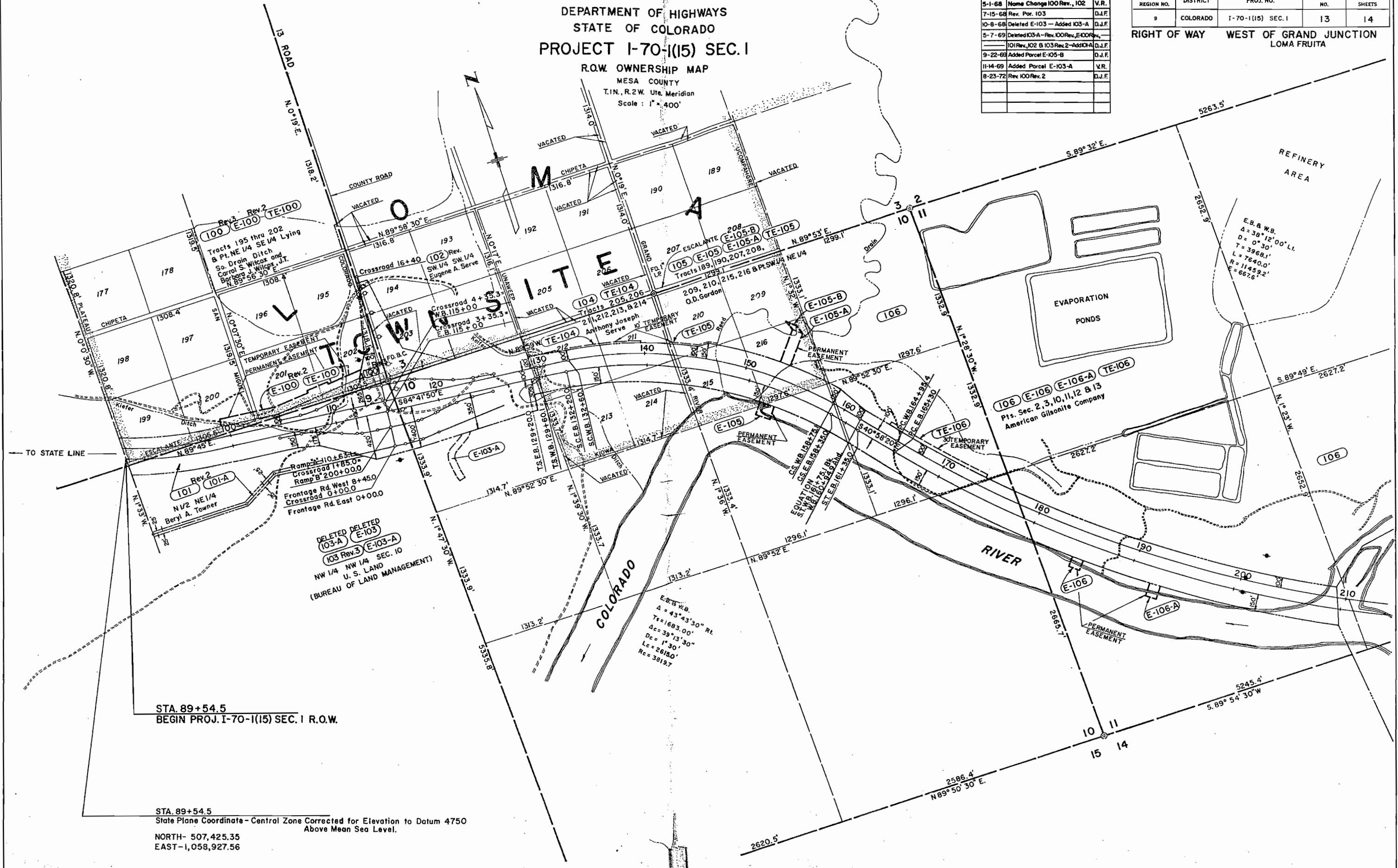
DEPARTMENT OF HIGHWAYS
STATE OF COLORADO
PROJECT I-70-1(15) SEC. I

R.O.W. OWNERSHIP MAP
MESA COUNTY
T.1N., R.2W. Ute Meridian
Scale: 1" = 400'

REVISIONS		
5-1-68	Name Change 100 Rev. 102	V.R.
7-15-68	Rev. Por. 103	D.J.F.
10-8-68	Deleted E-103 - Added 103-A	D.J.F.
5-7-69	Deleted 103-A - Rev. 100 Rev. E-100 Rev.	
	101 Rev. 102 B 103 Rev. 2 - Added 101-A	D.J.F.
9-22-69	Added Parcel E-105-B	D.J.F.
11-14-69	Added Parcel E-103-A	V.R.
8-23-72	Rev. 100 Rev. 2	D.J.F.

FEDERAL ROAD REGION NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLORADO	I-70-1(15) SEC. I	13	14

RIGHT OF WAY WEST OF GRAND JUNCTION
LOMA FRUITA



DEPARTMENT OF HIGHWAYS
STATE OF COLORADO
PROJECT I-70-1(15) SEC. I

R.O.W. OWNERSHIP MAP
MESA COUNTY
T.I.N., R.2W. Ute Meridian
Scale: 1" = 400'

FEDERAL ROAD REGION NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLORADO	I-70-1(15) SEC. I	14	14

RIGHT OF WAY WEST OF GRAND JUNCTION
LOMA FRUITA

REVISIONS		
11-20-68	Rev. 107 - Deleted 108	D.J.F.
1-30-69	Rev. E 110, Deleted E 110A & E 110B	—
	Added E 109 & E 109A	FCM
8-15-69	Added Parcel E-106-Band TE-106-C	V.R.
11-17-69	Revised Parcel 107 Rev.	V.R.
2-9-70	Added 110-A	D.J.F.
5-15-70	For Convenience	A.H.T.

