

STATE DEPARTMENT OF HIGHWAYS

DIVISION OF HIGHWAYS—STATE OF COLORADO

FEDERAL ROAD REGION NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
VIII	COLORADO	RS 0133(14) Unit I	1	12

RIGHT OF WAY
West of Somerset

REVISIONS		
2-1-89	Add detail sheet no. to index of sheets	JWJ

CONVENTIONAL SIGNS

County Line
Township or Range Line
Land Lines
Property or Tract Line
City Limits
Railroad
Existing Road
New Road

Control of Access
Access denied by Deed
Right of Way Line
Protected by Freeway (Virgin Location)
Top of Cuts
Toe of Fills
Barbed Wire Fence
Chain Link Fence
Woven Wire-Combination Fence
Snow Fence
Wood Fence
Deer Fence

Trees
Deciduous
Coniferous

Tel. & Teleg. Lines
Electric Lines
Elec. Trans. Tower
Buried Tel. Cable
Buried Electric Cable
Gas Main
Oil Main
Water Main
Sanitary Sewers
Storm Sewers

Road Approaches
Section Corner
Center of Section

Culverts & Drains
Proposed
Existing
Proposed
Existing (To be dashed)
Bridges
Existing (To be dashed)

Basis of Bearings: S 3°22'20" W. between the W 1/4 corner of Sec. 18 (GLO brass cap) and the SW corner of Sec. 18 (GLO brass cap) of T.13 S., R.90 W., 6th P.M.

Date: 7-1-87
Subaccount: 84083
District: 3

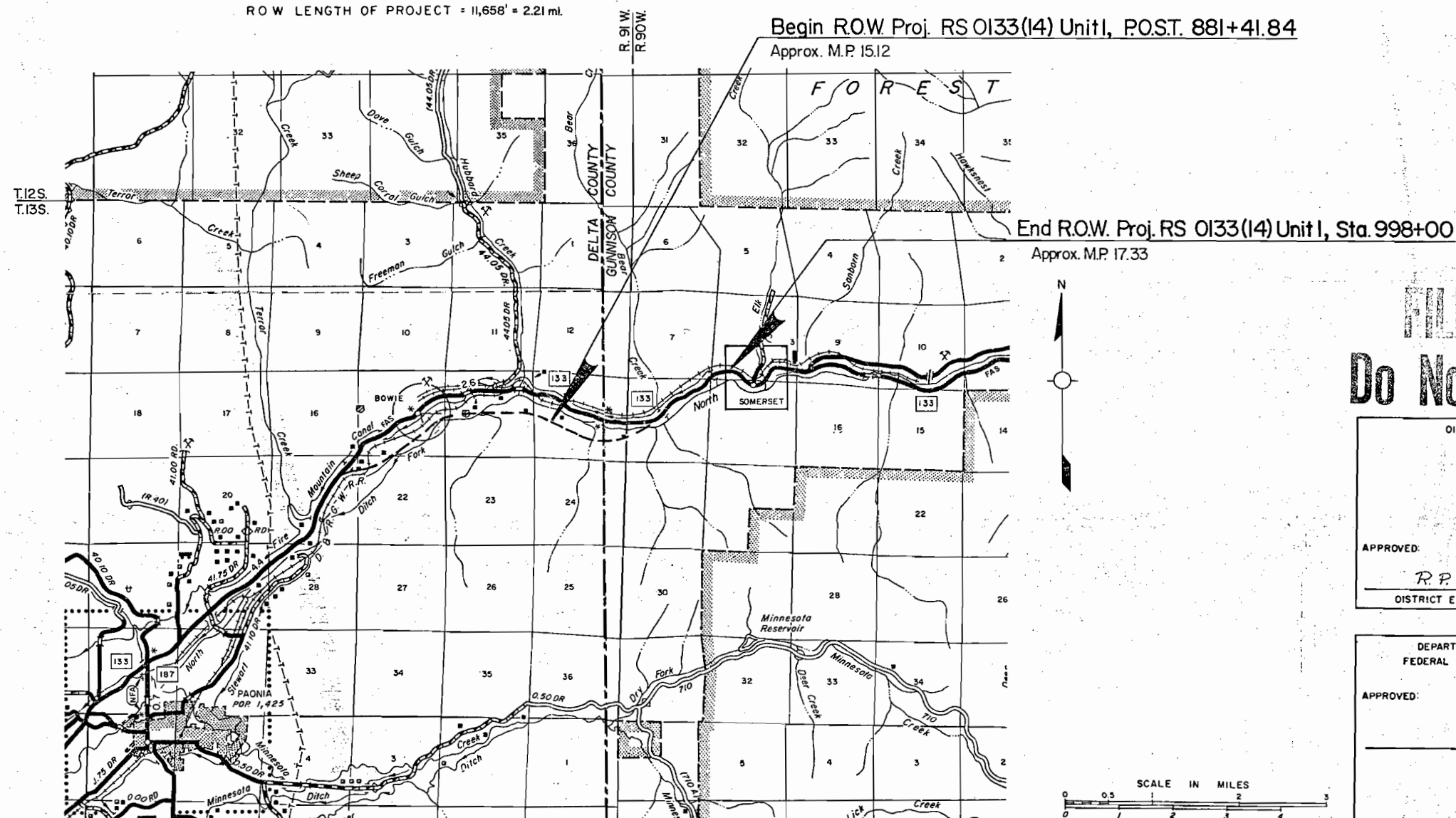
RIGHT OF WAY PLAN OF PROPOSED FEDERAL AID PROJECT NO. RS 0133(14) Unit I STATE HIGHWAY NO. 133 DELTA & GUNNISON COUNTIES

RIGHT OF WAY

SCALE OF ORIGINAL DRAWINGS

PLAN SHEETS 1" = 100'
OWNERSHIP MAPS 1" = 200'

ROW LENGTH OF PROJECT = 11,658' = 2.21 mi.



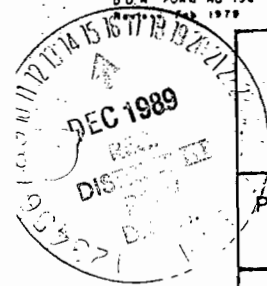
INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	Title Sheet
2-2B	Tabulation of Ownership
3	Tabulation of ROW Markers
4	Tabulation of Access
5-9	Alignment Sheets
8A	Detail Sheet
10-12	Ownership Sheets

FILE COPY
Do Not Remove

DIVISION OF HIGHWAYS	
APPROVED:	6-29-87
R. P. Mouton	DATE
DISTRICT ENGINEER	

DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION	
APPROVED:	DATE
DIVISION ADMINISTRATOR	



R. O. W. TABULATION OF PROPERTIES IN DELTA & GUNNISON COUNTY S. H. NO. 133

FEDERAL ROAD REGION NO.	DIVISION	PROJECT NO.	SHEET NO.
VIII	COLORADO	RS 0133(14) Unit 1	2

RIGHT OF WAY
WEST OF SOMERSET

PARCEL NO.	OWNER	ADDRESS	LOCATION	AREA IN Acres				PARCEL NO.	REMARKS	REVISIONS		
				PARCEL	TO BE ACQUIRED	REMAINDER				7-21-87	Drafting Corrections	JWJ
						LEFT	RIGHT					
			T.13S.,R.91W.,6th P.M.							8-6-87	Rev 102; Add 102-A	LEB
			DELTA COUNTY							9-2-87	Rev TE-102A, 103,	
											PE-103	LEB
										12-14-87	Add 101RD, 101RG	LEB
101	COLORADO UTE ELECTRIC ASSOCIATION, INC.	1845 S. Townsend Avenue Montrose, CO 81401	NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 13	8.235	8.235	14.8	28.9	101		10-13-88	Delete 101 RD, 101RG	JWJ
										11-21-89	add TE-101 & TE-102B	JWJ
TE-101	Same as above	Same as above	Same as above	1.741	1.741			TE-101	placement of rip-rap			
102-A	ANNA SOPHIE REDENSHEK	P. O. Box 507 Paonia, CO 81428	NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 13	8.687	8.687	10.7	42.1	102-A				
			GUNNISON COUNTY									
102 REV	ANNA SOPHIE REDENSHEK	P. O. Box 507 Paonia, CO 81428	SE $\frac{1}{4}$ Sec. 13	8.363	8.363	31.8	49.9	102 REV				
TE-102	Same as above	Same as above	Same as above	0.642	0.642			TE-102	Construction of a road approach.			
TE-102A REV.	Same as above	Same as above	Same as above	0.051	0.051			TE-102A REV.	Construction of a road approach.			
TE-102 B	Same as above	Same as above	Same as above	2.047	2.047			TE-102 B	placement of rip-rap			
			T.13S.,R.90W.,6th P.M.									
103 REV	ATLANTIC RICHFIELD CO. A DELAWARE CORP.	555 17th Street Denver, CO 80202	Lot 3, NE $\frac{1}{4}$ SW $\frac{1}{4}$,SE $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 18-all being south of railroad ROW	19.106	18.856	16.7	215.9	103 REV	0.25 Ac. in existing road; listed remainders in Sec. 18 only.			
103R	Same as above	Same as above	SE $\frac{1}{4}$ NW $\frac{1}{4}$.NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 18	4.020	4.020			103R	Remainder parcel.			
PE-103 REV.	Same as above	Same as above	Lot 3 Sec. 18	0.288	0.288			PE-103 REV.	Construction and maintenance of road approach.			
TE-103	Same as above	Same as above	Same as above	0.102	0.102			TE-103	Construction of a road approach.			

R.O.W. TABULATION OF PROPERTIES IN GUNNISON

COUNTY

S.H. NO. 133

FEDERAL ROAD REGION NO.	DIVISION	PROJECT NO.	SHEET NO.
VIII	COLORADO	RS 0133(14) Unit 1	2A

RIGHT OF WAY
WEST OF SOMERSET

PARCEL NO.	OWNER	ADDRESS	LOCATION	AREA IN ACRES				PARCEL NO.	REMARKS	REVISIONS		
				PARCEL	TO BE ACQUIRED	REMAINDER				12-14-87	Revise 110, 110R	LEB
						LEFT	RIGHT					
			T.13S.,R.90W.,6th P.M.							6-23-88	Acres Correction 108	JWJ
TE-103A	ATLANTIC RICHFIELD CO.	555 17th Street										
	A DELAWARE CORP.	Denver, CO 80202	SW½NE½ Sec. 18	0.434	0.434			TE-103A	Construction			
									of a road approach.			
104	DENVER AND RIO GRANDE WESTERN	650 Davis Road	NE½SW½, SE½NW½,									
	RAILROAD, A DELAWARE	Salt Lake City, UT 84119	SW½NE½, NW½NE½									
	CORPORATION		of Sec. 18	1.583	0.783			104	0.8 Acres in present road.			
PE-104	Same as above	Same as above	SE½NW½ Sec. 18	0.034	0.034			PE-104	Install and maintain pipe.			
105	U.S. LAND (BLM)		NWPNEP Sec. 18	1.741	1.741	31.1	0.60	105	Remainder in NW½NE½ of Sec. 18 only.			
106	KAISER COAL CORP.	102 South Tejon, Suite 800	NE½NE½ Sec. 18	5.549	5.059	10.8		106	0.49 Acres in present road; remainder			
	A DELAWARE CORP.	P. O. Box 2679							in NE½NE½ Sec. 18 only.			
		Colorado Springs, CO 80901										
106R	Same as above	Same as above	Same as above	2.307	2.307			106R	Remainder parcel.			
108	Same as above	Same as above	NW½NW½ Sec. 17	0.104	0.104			108	Remainder in NW½NW½ Sec. 17 only.			
108R	Same as above	Same as above	Same as above	0.204	0.204			108R	Remainder parcel.			
109	Same as above	Same as above	SE½SE½ Sec. 7	0.060	0.040	36.5		109	0.02 Acres in present road; remainders in			
									SE½SE½ Sec. 7 only.			
110 REV.	Same as above	Same as above	SW½SW½ Sec. 8	1.920	1.780	24.6	1.70	110 Rev.	0.14 Acres in present road; remainders in			
									SW½SW½ Sec. 8 only.			
110R REV.	Same as above	Same as above	Same as above	1.174	1.174			110R REV.	Remainder parcel.			

SURVEY CONTROL POINT TABULATION

PNT NO.	COORDINATES		POINT DESCRIPTION
	N	E	
2	395821.990	1413121.690	HS-37 REBAR
4	398919.740	1415179.310	HS-39 REBAR
5	399470.480	1416863.600	HS-40 REBAR
6	401372.190	1418347.490	HS-41 REBAR
8	401135.120	1422332.080	HS-43 REBAR
11	403713.920	1427929.690	HS-46 REBAR
14	401032.120	1432394.750	HS-49 REBAR
15	402376.080	1434609.590	HS-50 REBAR
17	404161.940	1437564.640	HS-52 REBAR
18	404928.710	1438641.380	HS-53 REBAR
19	404815.855	1438049.582	52-A REBAR
20	404611.362	1437799.471	52-B REBAR
21	402382.153	1419078.078	PNT A REBAR
22	402460.914	1428691.613	PNT V REBAR
23	400880.054	1423531.690	43-A REBAR
24	400934.212	1424048.812	43-B REBAR
25	401947.079	1429059.727	47-A REBAR
26	402118.713	1422002.100	43-1 REBAR
27	399391.454	1420235.292	42-A REBAR
28	400269.351	1425674.851	44-A REBAR
29	395662.823	1413387.057	36-3 REBAR
30	394801.006	1412340.979	36-2 REBAR
31	394044.890	1411205.192	36-1 REBAR
32	404635.353	1437897.735	7-8/18-17 #5 REBAR LS 9715
35	399695.644	1432645.396	13-18/19-24 GLO BRASS CAP
38	402039.070	1437662.487	18-17 GLO BRASS CAP
39	403004.211	1429457.495	47-B REBAR
42	399462.515	1437414.498	18-17/19-20 GLO BRASS CAP
43	402284.477	1432797.900	13-18 GLO BRASS CAP

PNT NO.	COORDINATES		POINT DESCRIPTION
	N	E	
44	404740.855	1435345.552	7-18 GLO BRASS CAP
45	405560.190	1434050.078	#1 REBAR
46	406531.206	1433745.263	#2 REBAR
47	407416.717	1433496.369	#3 REBAR
48	407434.748	1433149.499	12-7 GLO BRASS CAP
49	410042.571	1433299.412	1-6/12-7 GLO BRASS CAP
52	407221.036	1438157.809	7-8 GLO BRASS CAP
55	399964.850	1427193.989	14-15/23-24 GLO BRASS CAP
56	402601.819	1427219.728	14-13 GLO BRASS CAP
59	399827.890	1429923.276	13-24 GLO BRASS CAP
60	405241.982	1427242.236	11-12/14-13 GLO BRASS CAP
61	405328.195	1424590.058	11-14 GLO BRASS CAP
62	402834.177	1421910.627	15-14 GLO BRASS CAP
63	405402.131	1421944.554	10-11/15-14 GLO BRASS CAP
64	400121.780	1424470.717	14-23 GLO BRASS CAP
65	400209.686	1421812.994	15-14/22-23 GLO BRASS CAP
66	402952.326	1419246.333	CNTR 1/4 15 REBAR LS 11530
67	405508.814	1419299.069	10-15 GLO BRASS CAP
68	400433.250	1416569.978	16-15/21-22 GLO BRASS CAP
69	403072.058	1416681.403	16-15 GLO BRASS CAP
72	397491.802	1421731.108	22-23 GLO BRASS CAP
73	394793.030	1421649.465	22-23/27-26 GLO BRASS CAP
74	395069.923	1416342.744	21-22/28-27 GLO BRASS CAP
75	395279.575	1411165.291	20-21/29-28 GLO BRASS CAP
76	399987.424	1411163.800	ANG PNT 10 REBAR
77	400579.815	1411416.250	17-16/20-21 GLO BRASS CAP
215	404798.385	1440316.102	53-1 REBAR
216	404975.387	1442634.050	53-2 REBAR
217	404275.918	1443075.961	8-9/17-16 GLO BRASS CAP

RIGHT OF WAY
WEST OF SOMERSET

REVISIONS		
9-14-87	Rev. 259 & Add 480	LB
12-14-87	Rev. 282, Add 486, 487	LB
11-28-89	Add Easement Points	LB
3-13-90	REV. 282	LB
1-10-92	REV. 26 & REL. PRECISION	LB
8-13-92	Add Monument descriptions	KJS

GENERAL NOTES

- This Right of Way Plan is not a complete boundary survey of all adjoining owners and is prepared for Highway Department purposes only.
- Field survey control precision meets or exceeds 1 in 2,500.
- Memorandum of Ownership supplied by them Colorado Department of Highways.
- NOTICE: According to Colorado law you must commence any legal action based upon any defect found in this survey within three years after you first discover such defect. In no event, may any action based upon any defect in this survey be commenced more than ten years from the date of the certification shown hereon.
- All Right of Way Markers set from survey control points.
- All centerline stationing and offsets are theoretical only and may not represent the centerline as constructed.
- All coordinates listed are assumed project coordinates.

OFFICE SURVEYOR CERTIFICATE

ROW Plans and Legal Descriptions were prepared under my supervision and checking.

Name _____

Date _____

SEAL

PLS No. _____

FIELD SURVEYOR CERTIFICATE

Control survey and monumentation was done under my supervision and checking.

Name _____

Date _____

SEAL

PLS No. _____

RIGHT OF WAY POINTS

(Monuments set are A1. rods with 3.25 in. CDOH A1. Caps stamped "ROW")

PNT NO.	COORDINATES		MONUMENT
	N	E	SET
241	402272.167	1428898.250	YES
243	402391.376	1429326.285	YES
245	402116.348	1429290.449	YES
247	402105.992	1429736.871	YES
249	401409.247	1430407.279	YES
251	401618.189	1430708.930	YES
252	401123.303	1431168.326	YES
253	401370.391	1431337.732	YES
254	401428.299	1431400.218	YES
255	401169.377	1431501.890	YES
256	401337.534	1431971.047	YES
257	401285.318	1432017.284	YES
258	401060.563	1432423.532	YES
259	401290.818	1432705.037	YES
260	401098.079	1432992.467	YES
261	401333.584	1433635.158	YES
262	401684.404	1433809.659	YES
263	401887.031	1434141.546	YES
264	401984.346	1434080.269	YES
265	401863.153	1434521.863	YES

PNT NO.	COORDINATES		MONUMENT
	N	E	SET
266	402272.346	1434987.033	YES
267	402864.714	1435431.870	YES
268	403083.966	1435619.011	YES
269	403255.507	1435839.744	YES
270	403378.106	1436100.349	YES
271	403837.800	1437196.831	YES
272	403961.998	1437429.249	YES
273	404150.101	1437639.969	YES
274	404428.175	1437812.437	YES
275	404604.888	1437954.534	YES
280	404749.743	1438456.162	YES
281	404810.472	1438550.034	YES
282	404900.434	1439043.118	YES
285	404554.663	1437757.177	YES
286	404694.558	1437860.410	YES
287	404824.293	1438056.053	YES
288	404864.948	1438225.094	YES
289	404955.098	1439037.049	YES
294	403025.870	1435384.360	YES
295	403182.164	1435519.226	YES

PNT NO.	COORDINATES		MONUMENT
	N	E	SET
296	403376.450	1435769.225	YES
299	403908.846	1436926.607	YES
300	403966.912	1437142.702	YES
301	404067.865	1437362.786	YES
303	404431.459	1437674.464	YES
311	402312.192	1434802.494	YES
312	402240.583	1434667.338	YES
318	402040.621	1433891.466	YES
366	403686.457	1436396.157	YES
372	403410.717	1436178.133	YES
373	403554.311	1436520.641	YES
384	401080.573	1432726.980	NO
385	401296.274	1432739.687	NO
398	401974.059	1429999.779	YES
399	401674.020	1429989.084	YES
400	402488.258	1429215.883	YES
401	402467.252	1428616.860	YES
480	401306.168	1432802.524	YES
486	404832.542	1438748.812	YES
487	404873.950	1438804.584	YES

EASEMENT POINTS

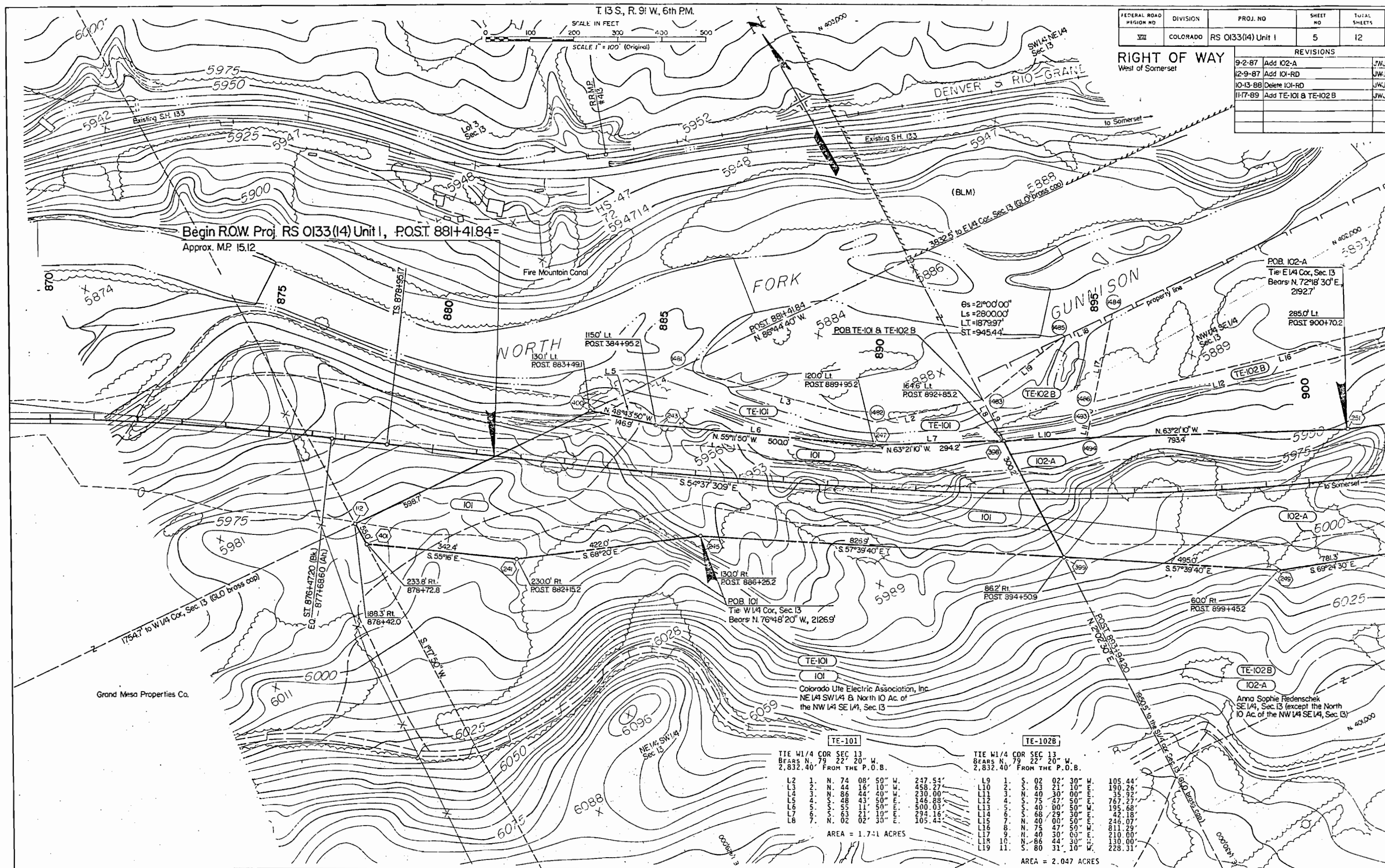
PNT NO.	COORDINATES	
	N	E
1473	403570.095	1426395.833
1474	403630.050	1426393.528
1475	403571.893	1426457.272
1476	403631.881	1426456.066
1477	403410.741	1426416.603
1478	403375.761	1426417.787
1479	403412.185	1426475.118
1480	403377.190	1426475.661

REFERENCED RIGHT OF WAY POINTS

(Reference Monuments set for these points are A1. rods with 3.25 in. CDOH A1. caps stamped "O/S")

PNT NO.	COORDINATES		MONUMENTS SET AT THESE OFFSET DISTANCES
	N	E	
276	404721.401	1438094.954	54.06' & 57.09'
279	404745.681	1438238.337	33.88' & 112.22'
297	403507.218	1436046.219	23.18' & 89.67'
298	403571.867	1436200.422	31.37' & 80.08'
302	404228.107	1437542.296	38.99' & 21.36'
310	402682.561	1435104.325	22.60' & 37.06'
316	402120.332	1434119.227	21.64' & 31.47'
317	402102.595	1433889.648	41.45' & 44.12'

[illegible]

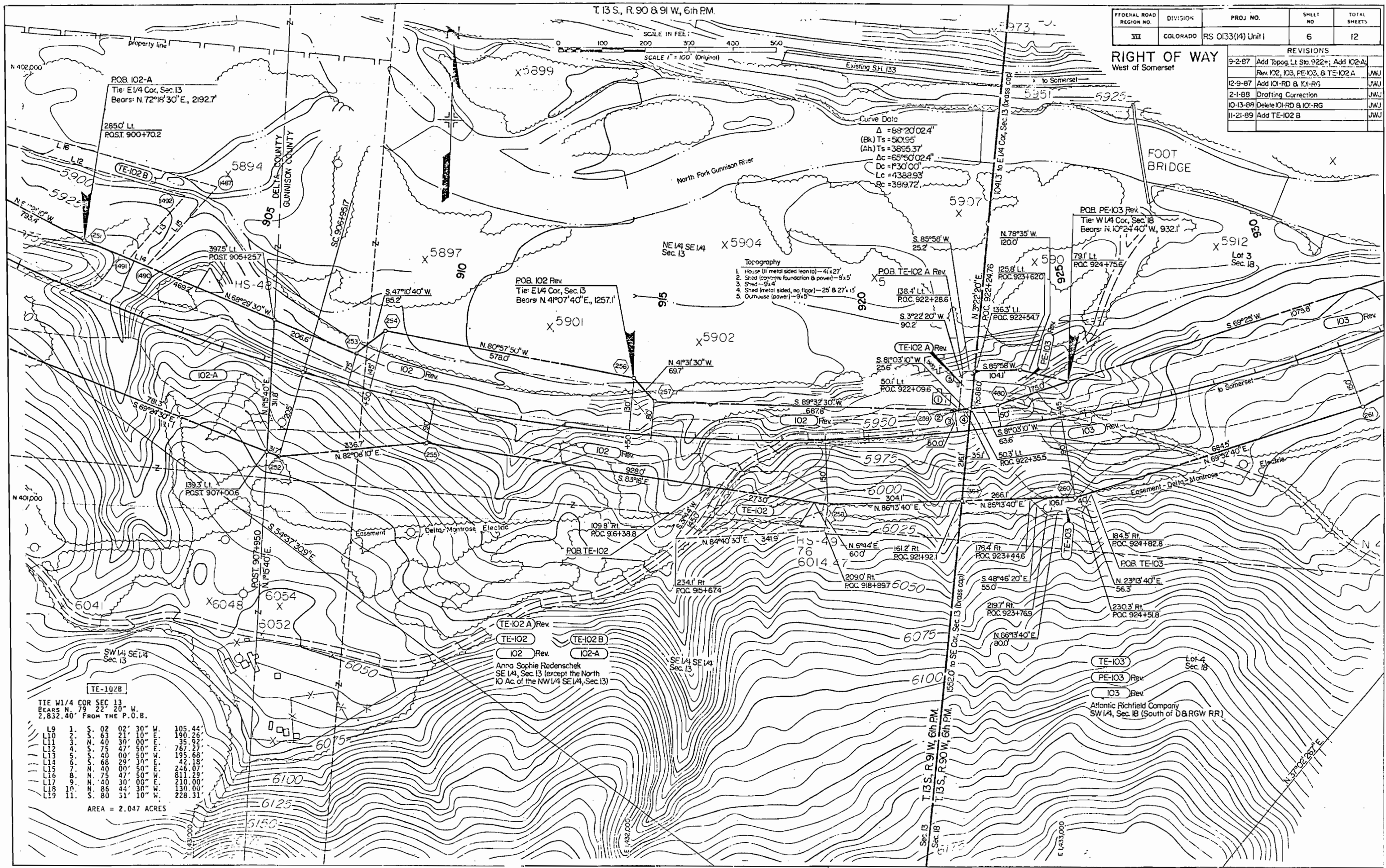


T.13 S., R.90 & 91 W., 6th PM.

FEDERAL ROAD REGION NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
VIII	COLORADO	RS 0133(14) Unit I	6	12

REVISIONS	
9-2-87	Add Topog. Lt. Sta. 922+; Add I02-A;
12-9-87	Rev. I02, I03, PE-I03, & TE-I02 A
2-1-88	Add I01-RD & I01-RG
10-13-89	Drafting Correction
11-21-89	Delete I01-RD & I01-RG
	Add TE-I02 B

RIGHT OF WAY
West of Somerset



POB. I02-A
Tie: E 1/4 Cor, Sec. 13
Bears: N. 72°18'30"E, 2192.7'

2650' Lt.
POST. 900+70.2

POB. I02 Rev.
Tie: E 1/4 Cor, Sec. 13
Bears: N. 41°07'40"E, 1257.1'

Curve Data
Δ = 63°20'02.4"
(Bk.) Ts = 510.95'
(Ah.) Ts = 3895.37'
Δc = 65°50'02.4"
Dc = 130'00'
Lc = 4388.93'
Rc = 3919.72'

Topography
1. House (lt. metal sided lean to) - 41x27'
2. Shed (concrete foundation & power) - 9x5'
3. Shed - 9x4'
4. Shed (metal sided, no floor) - 25' x 27' x 13'
5. Outhouse (power) - 9x5'

POB. PE-I03 Rev.
Tie: W 1/4 Cor, Sec. 18
Bears: N. 10°24'40"W, 932.1'

TE-I02B

TIE W 1/4 COR SEC 13
BEARS N. 79° 22' 20" W.
2,832.40' FROM THE P.O.B.

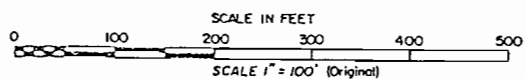
L9	1.	S.	02	02	30"	W.	105.44'
L10	2.	S.	63	21	10"	E.	190.26'
L11	3.	S.	40	30	00"	E.	35.92'
L12	4.	S.	75	47	00"	E.	765.25'
L13	5.	S.	40	00	50"	W.	195.68'
L14	6.	S.	68	29	30"	E.	42.18'
L15	7.	N.	40	00	50"	E.	246.07'
L16	8.	N.	75	47	50"	W.	811.29'
L17	9.	N.	40	30	00"	E.	210.00'
L18	10.	N.	86	44	30"	W.	139.00'
L19	11.	S.	80	51	10"	W.	228.31'

AREA = 2.047 ACRES

TE-I02 A) Rev.
TE-I02
I02 Rev.
I02-A
Anna Sophie Redenschek
SE 1/4, Sec. 13 (except the North
10 Ac. of the NW 1/4 SE 1/4, Sec. 13)

TE-I03
PE-I03 Rev.
I03 Rev.
Atlantic Richfield Company
SW 1/4, Sec. 18 (South of D&RGW RR)

T. 13 S., R. 90 W., 6th PM.



Curve Data (Pl. 958+88.63)

$\Delta = 30^\circ 12' 49.2''$
 $Ts = 460.14'$
 $Dc = 15^\circ 12' 49.2''$
 $Lc = 304.27'$
 $Rc = 1145.92'$
 $Os = 7^\circ 30' 00''$
 $Ls = 300.00'$
 $LT = 200.18'$
 $ST = 100.15'$

IO5

BLM
NW 1/4 NE 1/4, Sec. 18

PE-II2

TE-III

PE-III

IO4

Denver & Rio Grande Western Railroad
a Delaware Corp.

TE-II3

PE-II3

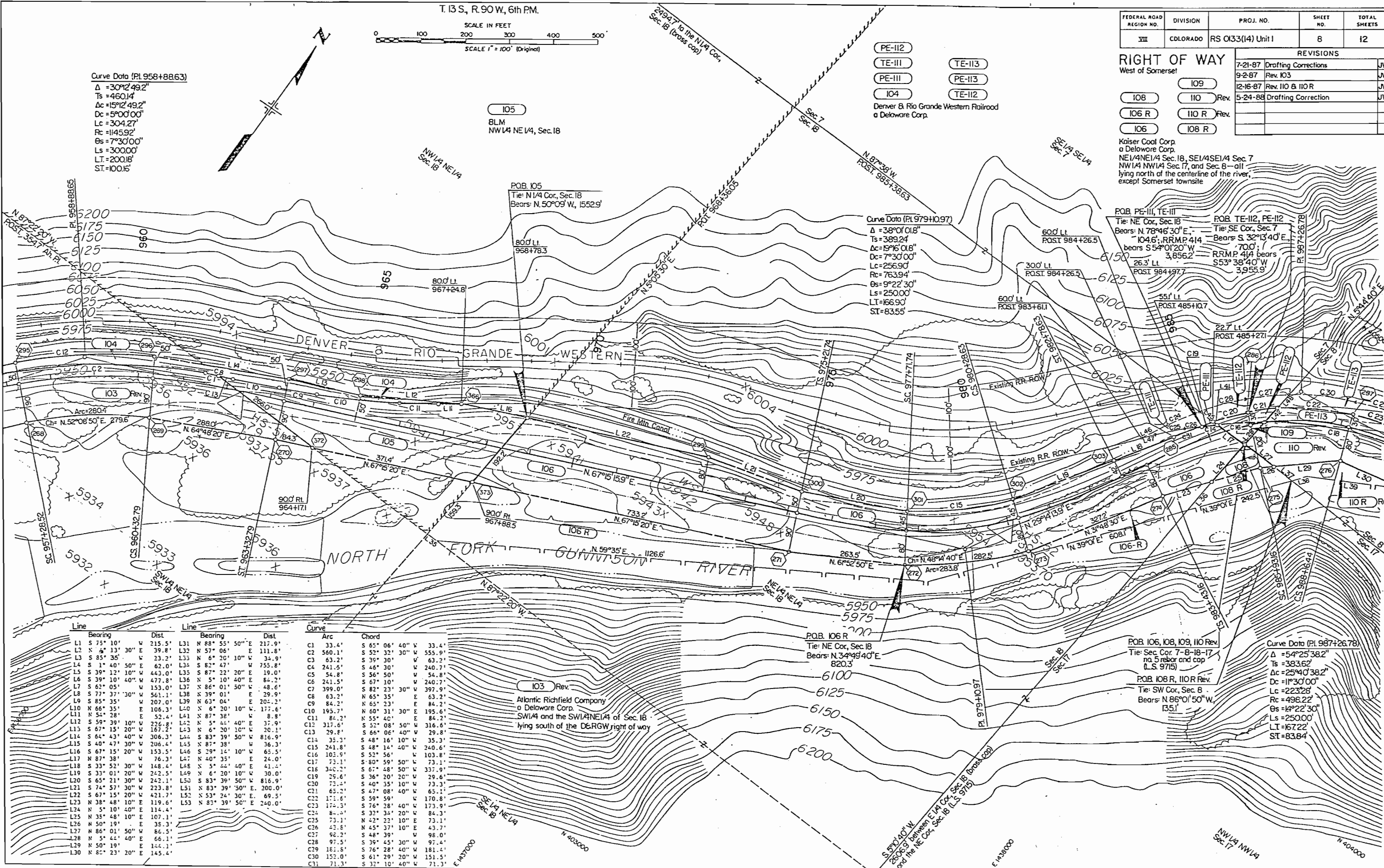
TE-II2

FEDERAL ROAD REGION NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
VIII	COLORADO	RS 0133(14) Unit I	8	12

RIGHT OF WAY
West of Somerset

REVISIONS	DATE	BY
7-21-87	Drafting Corrections	JW
9-2-87	Rev. 103	JW
12-16-87	Rev. 110 & 110 R	JW
5-24-88	Drafting Correction	JW

Kaiser Coal Corp.
a Delaware Corp.
NE 1/4 NE 1/4 Sec. 18, SE 1/4 SE 1/4 Sec. 7
NW 1/4 NW 1/4 Sec. 17, and Sec. 8—all
lying north of the centerline of the river,
except Somerset township



Line	Bearing	Dist.	Line	Bearing	Dist.
L1	S 75° 10' W	215.5'	L31	N 88° 55' 50" E	217.9'
L2	N 4° 13' 30" W	39.8'	L32	N 57° 06' E	111.8'
L3	S 85° 35' W	23.2'	L33	N 6° 20' 10" W	34.9'
L4	S 1° 40' 50" E	62.0'	L34	S 82° 47' W	755.8'
L5	S 39° 12' 10" W	443.0'	L35	S 87° 22' 20" E	19.0'
L6	S 39° 10' 40" W	477.8'	L36	N 5° 10' 40" E	84.2'
L7	S 62° 05' W	153.0'	L37	N 86° 01' 50" W	48.6'
L8	S 71° 37' 30" W	561.1'	L38	N 39° 01' E	29.9'
L9	S 85° 35' W	207.0'	L39	N 63° 04' E	204.2'
L10	N 66° 35' E	106.3'	L40	N 6° 20' 10" W	177.6'
L11	N 54° 28' E	52.4'	L41	N 87° 38' E	8.8'
L12	S 59° 39' 10" W	276.9'	L42	N 5° 44' 40" E	37.9'
L13	S 67° 15' 20" W	167.2'	L43	N 6° 20' 10" W	30.1'
L14	S 64° 43' 40" W	306.3'	L44	S 83° 39' 50" W	816.9'
L15	S 40° 47' 30" W	206.4'	L45	N 87° 38' E	36.3'
L16	S 67° 15' 20" W	153.5'	L46	S 29° 14' 10" W	65.5'
L17	N 87° 38' E	76.3'	L47	N 40° 35' E	24.0'
L18	S 33° 52' 30" W	148.4'	L48	N 5° 44' 40" E	41.4'
L19	S 33° 01' 20" W	242.5'	L49	N 6° 20' 10" W	30.0'
L20	S 65° 21' 30" W	242.1'	L50	S 83° 39' 50" W	816.9'
L21	S 74° 57' 30" W	223.8'	L51	N 83° 39' 50" E	200.0'
L22	S 67° 15' 20" W	421.7'	L52	N 53° 24' 30" E	69.5'
L23	N 38° 48' 10" E	119.6'	L53	N 83° 39' 50" E	240.0'
L24	N 5° 10' 40" E	114.4'			
L25	N 35° 48' 10" E	107.1'			
L26	N 50° 19' E	35.3'			
L27	N 86° 01' 50" W	86.5'			
L28	N 5° 44' 40" E	66.1'			
L29	N 50° 19' E	144.1'			
L30	N 8° 23' 20" E	145.4'			

Line	Bearing	Dist.	Line	Bearing	Dist.
L31	N 88° 55' 50" E	217.9'	L41	N 87° 38' E	8.8'
L32	N 57° 06' E	111.8'	L42	N 5° 44' 40" E	37.9'
L33	N 6° 20' 10" W	34.9'	L43	N 6° 20' 10" W	30.1'
L34	S 82° 47' W	755.8'	L44	S 83° 39' 50" W	816.9'
L35	S 87° 22' 20" E	19.0'	L45	N 87° 38' E	36.3'
L36	N 5° 10' 40" E	84.2'	L46	S 29° 14' 10" W	65.5'
L37	N 86° 01' 50" W	48.6'	L47	N 40° 35' E	24.0'
L38	N 39° 01' E	29.9'	L48	N 5° 44' 40" E	41.4'
L39	N 63° 04' E	204.2'	L49	N 6° 20' 10" W	30.0'
L40	N 6° 20' 10" W	177.6'	L50	S 83° 39' 50" W	816.9'
L41	N 87° 38' E	8.8'	L51	N 83° 39' 50" E	200.0'
L42	N 5° 44' 40" E	37.9'	L52	N 53° 24' 30" E	69.5'
L43	N 6° 20' 10" W	30.1'	L53	N 83° 39' 50" E	240.0'
L44	S 83° 39' 50" W	816.9'			
L45	N 87° 38' E	36.3'			
L46	S 29° 14' 10" W	65.5'			
L47	N 40° 35' E	24.0'			
L48	N 5° 44' 40" E	41.4'			
L49	N 6° 20' 10" W	30.0'			
L50	S 83° 39' 50" W	816.9'			
L51	N 83° 39' 50" E	200.0'			
L52	N 53° 24' 30" E	69.5'			
L53	N 83° 39' 50" E	240.0'			

Curve	Arc	Chord	Curve	Arc	Chord
C1	33.4'	S 65° 06' 40" W 33.4'	C11	84.2'	N 60° 31' 30" E 195.6'
C2	560.1'	S 52° 32' 30" W 555.9'	C12	317.6'	S 52° 08' 50" W 316.6'
C3	63.2'	S 39° 30' W 63.2'	C13	29.8'	S 66° 06' 40" W 29.8'
C4	241.5'	S 46° 30' W 240.7'	C14	35.3'	S 48° 16' 10" W 35.3'
C5	54.8'	S 56° 50' W 54.8'	C15	241.8'	S 48° 14' 40" W 240.6'
C6	241.5'	S 67° 10' W 240.7'	C16	103.9'	S 52° 56' W 103.8'
C7	399.0'	S 82° 23' 30" W 397.9'	C17	73.1'	S 80° 59' 50" W 73.1'
C8	63.2'	N 65° 35' E 63.2'	C18	340.3'	S 67° 48' 50" W 337.9'
C9	84.2'	N 65° 23' E 84.2'	C19	25.6'	S 36° 20' 20" W 29.6'
C10	195.7'	N 60° 31' 30" E 195.6'	C20	72.2'	S 40° 35' 10" W 73.3'
			C21	65.1'	S 47° 08' 40" W 65.1'
			C22	170.8'	S 59° 59' W 170.8'
			C23	174.3'	S 76° 28' 40" W 173.9'
			C24	84.4'	S 32° 34' 20" W 84.3'
			C25	73.1'	N 42° 22' 10" E 73.1'
			C26	43.8'	N 45° 37' 10" E 43.7'
			C27	92.2'	N 48° 39' W 98.0'
			C28	97.5'	S 39° 45' 30" W 97.4'
			C29	181.5'	S 76° 28' 40" W 181.4'
			C30	152.0'	S 61° 29' 20" W 151.5'
			C31	71.3'	S 32° 10' 40" W 71.3'

Line	Bearing	Dist.	Line	Bearing	Dist.
L31	N 88° 55' 50" E	217.9'	L41	N 87° 38' E	8.8'
L32	N 57° 06' E	111.8'	L42	N 5° 44' 40" E	37.9'
L33	N 6° 20' 10" W	34.9'	L43	N 6° 20' 10" W	30.1'
L34	S 82° 47' W	755.8'	L44	S 83° 39' 50" W	816.9'
L35	S 87° 22' 20" E	19.0'	L45	N 87° 38' E	36.3'
L36	N 5° 10' 40" E	84.2'	L46	S 29° 14' 10" W	65.5'
L37	N 86° 01' 50" W	48.6'	L47	N 40° 35' E	24.0'
L38	N 39° 01' E	29.9'	L48	N 5° 44' 40" E	41.4'
L39	N 63° 04' E	204.2'	L49	N 6° 20' 10" W	30.0'
L40	N 6° 20' 10" W	177.6'	L50	S 83° 39' 50" W	816.9'
L41	N 87° 38' E	8.8'	L51	N 83° 39' 50" E	200.0'
L42	N 5° 44' 40" E	37.9'	L52	N 53° 24' 30" E	69.5'
L43	N 6° 20' 10" W	30.1'	L53	N 83° 39' 50" E	240.0'
L44	S 83° 39' 50" W	816.9'			
L45	N 87° 38' E	36.3'			
L46	S 29° 14' 10" W	65.5'			
L47	N 40° 35' E	24.0'			
L48	N 5° 44' 40" E	41.4'			
L49	N 6° 20' 10" W	30.0'			
L50	S 83° 39' 50" W	816.9'			
L51	N 83° 39' 50" E	200.0'			
L52	N 53° 24' 30" E	69.5'			
L53	N 83° 39' 50" E	240.0'			

Line	Bearing	Dist.	Line	Bearing	Dist.
L31	N 88° 55' 50" E	217.9'	L41	N 87° 38' E	8.8'
L32	N 57° 06' E	111.8'	L42	N 5° 44' 40" E	37.9'
L33	N 6° 20' 10" W	34.9'	L43	N 6° 20' 10" W	30.1'
L34	S 82° 47' W	755.8'	L44	S 83° 39' 50" W	816.9'
L35	S 87° 22' 20" E	19.0'	L45	N 87° 38' E	36.3'
L36	N 5° 10' 40" E	84.2'	L46	S 29° 14' 10" W	65.5'
L37	N 86° 01' 50" W	48.6'	L47	N 40° 35' E	24.0'
L38	N 39° 01' E	29.9'	L48	N 5° 44' 40" E	41.4'
L39	N 63° 04' E	204.2'	L49	N 6° 20' 10" W	30.0'
L40	N 6° 20' 10" W	177.6'	L50	S 83° 39' 50" W	816.9'
L41	N 87° 38' E	8.8'	L51	N 83° 39' 50" E	200.0'
L42	N 5° 44' 40" E	37.9'	L52	N 53° 24' 30" E	69.5'
L43	N 6° 20' 10" W	30.1'	L53	N 83° 39' 50" E	240.0'
L44	S 83° 39' 50" W	816.9'			
L45	N 87° 38' E	36.3'			
L46	S 29° 14' 10" W	65.5'			
L47	N 40° 35' E	24.0'			
L48	N 5° 44' 40" E	41.4'			
L49	N 6° 20' 10" W	30.0'			
L50	S 83° 39' 50" W	816.9'			
L51	N 83° 39' 50" E	200.0'			
L52	N 53° 24' 30" E	69.5'			
L53	N 83° 39' 50" E	240.0'			

Line	Bearing	Dist.	Line	Bearing	Dist.
L31	N 88° 55' 50" E	217.9'	L41	N 87° 38' E	8.8'
L32	N 57° 06' E	111.8'	L42	N 5° 44' 40" E	37.9'
L33	N 6° 20' 10" W	34.9'	L43	N 6° 20' 10" W	30.1'
L34	S 82° 47' W	755.8'	L44	S 83° 39' 50" W	816.9'
L35	S 87° 22' 20" E	19.0'	L45	N 87° 38' E	36.3'
L36	N 5° 10' 40" E	84.2'	L46	S 29° 14' 10" W	65.5'
L37	N 86° 01' 50" W	48.6'	L47	N 40° 35' E	24.0'
L38	N 39° 01' E	29.9'	L48	N 5° 44' 40" E	41.4'
L39	N 63° 04' E	204.2'	L49	N 6° 20' 10" W	30.0'
L40	N 6° 20' 10" W	177.6'	L50	S 83° 39' 50" W	816.9'
L41	N 87° 38' E	8.8'	L51	N 83° 39' 50" E	200.0'
L42	N 5° 44' 40" E	37.9'	L52	N 53° 24' 30" E	69.5'
L43	N 6° 20' 10" W	30.1'	L53	N 83° 39' 50" E	240.0'
L44	S 83° 39' 50" W	816.9'			
L45	N 87° 38' E	36.3'			
L46	S 29° 14' 10" W	65.5'			
L47	N 40° 35' E	24.0'			
L48	N 5° 44' 40" E	41.4'			
L49	N 6° 20' 10" W	30.0'			
L50	S 83° 39' 50" W	816.9'			
L51	N 83° 39' 50" E	200.0'			
L52	N 53° 24' 30" E	69.5'			
L53	N 83° 39' 50" E	240.0'			

Line	Bearing	Dist.	Line	Bearing	Dist.
L31	N 88° 55' 50" E	217.9'	L41	N 87° 38' E	8.8'
L32	N 57° 06' E	111.8'	L42	N 5° 44' 40" E	37.9'
L33	N 6° 20' 10" W	34.9'	L43	N 6° 20' 10" W	30.1'
L34	S 82° 47' W	755.8'	L44	S 83° 39' 50" W	816.9'
L35	S 87° 22' 20" E	19.0'	L45	N 87° 38' E	36.3'
L36	N 5° 10' 40" E	84.2'	L46	S 29° 14' 10" W	65.5'
L37	N 86° 01' 50" W	48.6'	L47	N 40° 35' E	24.0'
L38	N 39° 01' E	29.9'	L48	N 5° 44' 40" E	41.4'
L39	N 63° 04' E	204.2'	L49	N 6° 20' 10" W	30.0'
L40	N 6° 20' 10" W	177.6'	L50	S 83° 39' 50" W	816.9'
L41	N 87° 38' E	8.8'	L51	N 83° 39' 50" E	200.0'
L42	N 5° 44' 40" E	37.9'	L52	N 53° 24' 30" E	69.5'
L43	N 6° 20' 10" W	30.1'	L53	N 83° 39' 50" E	240.0'
L44	S 83° 39' 50" W	816.9'			
L45	N 87° 38' E	36.3'			
L46	S 29° 14' 10" W	65.5'			
L47	N 40° 35' E	24.0'			
L48	N 5° 44' 40" E	41.4'			
L49	N 6° 20' 10" W	30.0'			
L50	S 83° 39' 50" W	816.9'			
L51	N 83° 39' 50" E	200.0'			
L52	N 53° 24' 30" E	69.5'			
L53	N 83° 39' 50" E	240.0'			

A topographic map section showing contour lines. The map is oriented with North at the top. The contour lines are labeled with elevations: 1100, 1150, 1200, 1250, 1300, 1350, 1400, 1450, 1500, 1550, 1600, 1650, 1700, 1750, 1800, 1850, 1900, 1950, 2000, 2050, 2100, 2150, 2200, 2250, 2300, 2350, 2400, 2450, 2500, 2550, 2600, 2650, 2700, 2750, 2800, 2850, 2900, 2950, 3000, 3050, 3100, 3150, 3200, 3250, 3300, 3350, 3400, 3450, 3500, 3550, 3600, 3650, 3700, 3750, 3800, 3850, 3900, 3950, 4000, 4050, 4100, 4150, 4200, 4250, 4300, 4350, 4400, 4450, 4500, 4550, 4600, 4650, 4700, 4750, 4800, 4850, 4900, 4950, 5000, 5050, 5100, 5150, 5200, 5250, 5300, 5350, 5400, 5450, 5500, 5550, 5600, 5650, 5700, 5750, 5800, 5850, 5900, 5950, 6000, 6050, 6100, 6150, 6200, 6250, 6300, 6350, 6400, 6450, 6500, 6550, 6600, 6650, 6700, 6750, 6800, 6850, 6900, 6950, 7000, 7050, 7100, 7150, 7200, 7250, 7300, 7350, 7400, 7450, 7500, 7550, 7600, 7650, 7700, 7750, 7800, 7850, 7900, 7950, 8000, 8050, 8100, 8150, 8200, 8250, 8300, 8350, 8400, 8450, 8500, 8550, 8600, 8650, 8700, 8750, 8800, 8850, 8900, 8950, 9000, 9050, 9100, 9150, 9200, 9250, 9300, 9350, 9400, 9450, 9500, 9550, 9600, 9650, 9700, 9750, 9800, 9850, 9900, 9950, 10000. The map is labeled with 'Curve Data (Pl. 987+26.78)' and a list of survey data points: Δ = 54°25'38.2", Ts = 383.62, Δc = 25°40'38.2", Dc = 11°30'00", Lc = 223.28, Rc = 496.22, Θs = 14°22'30", Ls = 250.00', LT = 67.22', ST = 83.84'. A scale bar at the bottom right indicates a distance of 1/4 mile. The map is oriented with North at the top. The contour lines are labeled with elevations: 1100, 1150, 1200, 1250, 1300, 1350, 1400, 1450, 1500, 1550, 1600, 1650, 1700, 1750, 1800, 1850, 1900, 1950, 2000, 2050, 2100, 2150, 2200, 2250, 2300, 2350, 2400, 2450, 2500, 2550, 2600, 2650, 2700, 2750, 2800, 2850, 2900, 2950, 3000, 3050, 3100, 3150, 3200, 3250, 3300, 3350, 3400, 3450, 3500, 3550, 3600, 3650, 3700, 3750, 3800, 3850, 3900, 3950, 4000, 4050, 4100, 4150, 4200, 4250, 4300, 4350, 4400, 4450, 4500, 4550, 4600, 4650, 4700, 4750, 4800, 4850, 4900, 4950, 5000, 5050, 5100, 5150, 5200, 5250, 5300, 5350, 5400, 5450, 5500, 5550, 5600, 5650, 5700, 5750, 5800, 5850, 5900, 5950, 6000, 6050, 6100, 6150, 6200, 6250, 6300, 6350, 6400, 6450, 6500, 6550, 6600, 6650, 6700, 6750, 6800, 6850, 6900, 6950, 7000, 7050, 7100, 7150, 7200, 7250, 7300, 7350, 7400, 7450, 7500, 7550, 7600, 7650, 7700, 7750, 7800, 7850, 7900, 7950, 8000, 8050, 8100, 8150, 8200, 8250, 8300, 8350, 8400, 8450, 8500, 8550, 8600, 8650, 8700, 8750, 8800, 8850, 8900, 8950, 9000, 9050, 9100, 9150, 9200, 9250, 9300, 9350, 9400, 9450, 9500, 9550, 9600, 9650, 9700, 9750, 9800, 9850, 9900, 9950, 10000. The map is labeled with 'Curve Data (Pl. 987+26.78)' and a list of survey data points: Δ = 54°25'38.2", Ts = 383.62, Δc = 25°40'38.2", Dc = 11°30'00", Lc = 223.28, Rc = 496.22, Θs = 14°22'30", Ls = 250.00', LT = 67.22', ST = 83.84'. A scale bar at the bottom right indicates a distance of 1/4 mile. The map is oriented with North at the top. The contour lines are labeled with elevations: 1100, 1150, 1200, 1250, 1300, 1350, 1400, 1450, 1500, 1550, 1600, 1650, 1700, 1750, 1800, 1850, 1900, 1950, 2000, 2050, 2100, 2150, 2200, 2250, 2300, 2350, 2400, 2450, 2500, 2550, 2600, 2650, 2700, 2750, 2800, 2850, 2900, 2950, 3000, 3050, 3100, 3150, 3200, 3250, 3300, 3350, 3400, 3450, 3500, 3550, 3600, 3650, 3700, 3750, 3800, 3850, 3900, 3950, 4000, 4050, 4100, 4150, 4200, 4250, 4300, 4350, 4400, 4450, 4500, 4550, 4600, 4650, 4700, 4750, 4800, 4850, 4900, 4950, 5000, 5050, 5100, 5150, 5200, 5250, 5300, 5350, 5400, 5450, 5500, 5550, 5600, 5650, 5700, 5750, 5800, 5850, 5900, 5950, 6000, 6050, 6100, 6150, 6200, 6250, 6300, 6350, 6400, 6450, 6500, 6550, 6600, 6650, 6700, 6750, 6800, 6850, 6900, 6950, 7000, 7050, 7100, 7150, 7200, 7250, 7300, 7350, 7400, 7450, 7500, 7550, 7600, 7650, 7700, 7750, 7800, 7850, 7900, 7950, 8000, 8050, 8100, 8150, 8200, 8250, 8300, 8350, 8400, 8450, 8500, 8550, 8600, 8650, 8700, 8750, 8800, 8850, 8900, 8950, 9000, 9050, 9100, 9150, 9200, 9250, 9300, 9350, 9400, 9450, 9500, 9550, 9600, 9650, 9700, 9750, 9800, 9850, 9900, 9950, 10000. The map is labeled with 'Curve Data (Pl. 987+26.78)' and a list of survey data points: Δ = 54°25'38.2", Ts = 383.62, Δc = 25°40'38.2", Dc = 11°30'00", Lc = 223.28, Rc = 496.22, Θs = 14°22'30", Ls = 250.00', LT = 67.22', ST = 83.84'. A scale bar at the bottom right indicates a distance of 1/4 mile. The map is oriented with North at the top. The contour lines are labeled with elevations: 1100, 1150, 1200, 1250, 1300, 1350, 1400, 1450, 1500, 1550, 1600, 1650, 1700, 1750, 1800, 1850, 1900, 1950, 2000, 2050, 2100, 2150, 2200, 2250, 2300, 2350, 2400, 2450, 2500, 2550, 2600, 2650, 2700, 2750, 2800, 2850, 2900, 2950, 3000, 3050, 3100, 3150, 3200, 3250, 3300, 3350, 3400, 3450, 3500, 3550, 3600, 3650, 3700, 3750, 3800, 3850, 3900, 3950, 4000, 4050, 4100, 4150, 4200, 4250, 4300, 4350, 4400, 4450, 4500, 4550, 4600, 4650, 4700, 4750, 4800, 4850, 4900, 4950, 5000, 5050, 5100, 5150, 5200, 5250, 5300, 5350, 5400, 5450, 5500, 5550, 5600, 5650, 5700, 5750, 5800, 5850, 5900, 5950, 6000, 6050, 6100, 6150, 6200, 6250, 6300, 6350, 6400, 6450, 6500, 6550, 6600, 6650, 6700, 6750, 6800, 6850, 6900, 6950, 7000, 7050, 7100, 7150, 7200, 7250, 7300, 7350, 7400, 7450, 7500, 7550, 7600, 7650, 7700, 7750, 7800, 7850, 7900, 7950, 8000, 8050, 8100, 8150, 8200, 8250, 8300, 8350, 8400, 8450, 8500, 8550, 8600, 8650, 8700, 8750, 8800, 8850, 8900, 8950, 9000, 9050, 9100, 9150, 9200, 9250, 9300, 9350, 9400, 9450, 9500, 9550, 9600, 9650, 9700, 9750, 9800, 9850, 9900, 9950, 10000. The map is labeled with 'Curve Data (Pl. 987+26.78)' and a list of survey data points: Δ = 54°25'38.2", Ts = 383.62, Δc = 25°40'38.2", Dc = 11°30'00", Lc = 223.28, Rc = 496.22, Θs = 14°22'30", Ls = 250.00', LT = 67.22', ST = 83.84'. A scale bar at the bottom right indicates a distance of 1/4 mile. The map is oriented with North at the top. The contour lines are labeled with elevations: 1100, 1150, 1200, 1250, 1300, 1350, 1400, 1450, 1500, 1550, 1600, 1650, 1700, 1750, 1800, 1850, 1900, 1950, 2000, 2050, 2100, 2150, 2200, 2250, 2300, 2350, 2400, 2450, 2500, 2550, 2600, 2650, 2700, 2750, 2800, 2850, 2900, 2950, 3000, 3050, 3100, 3150, 3200, 3250, 3300, 3350, 3400, 3450, 3500, 3550, 3600, 3650, 3700, 3750, 3800, 3850, 3900, 3950, 4000, 4050, 4100, 4150, 4200, 4250, 4300, 4350, 4400, 4450, 4500, 4550, 4600, 4650, 4700, 4750, 4800, 4850, 4900, 4950, 5000, 5050, 5100, 5150, 5200, 5250, 5300, 5350, 5400, 5450, 5500, 5550, 5600, 5650, 5700, 5750, 5800, 5850, 5900, 5950, 6000, 6050, 6100, 6150, 6200, 6250, 6300, 6350, 6400, 6450, 6500, 6550, 6600, 6650, 6700, 6750, 6800, 6850, 6900, 6950, 7000, 7050, 7100, 7150, 7200, 7250, 7300, 7350, 7400, 7450, 7500, 7550, 7600, 7650, 7700, 7750, 7800, 7850, 7900, 7950, 8000, 8050, 8100, 8150, 8200, 8250, 8300, 8350, 8400, 8450, 8500, 8550, 8600, 8650, 8700, 8750, 8800, 8850, 8900, 8950, 9000, 9050, 9100, 9150, 9200, 9250, 9300, 9350, 9400, 9450, 9500, 9550, 9600, 9650, 9700, 9750, 9800, 9850, 9900, 9950, 10000. The map is labeled with 'Curve Data (Pl. 987+26.78)' and a list of survey data points: Δ = 54°25'38.2", Ts = 383.62, Δc = 25°40'38.2", Dc = 11°30'00", Lc = 223.28, Rc = 496.22, Θs = 14°22'30", Ls = 250.00', LT = 67.22', ST = 83.84'. A scale bar at the bottom right indicates a distance of 1/4 mile. The map is oriented with North at the top. The contour lines are labeled with elevations: 1100, 1150, 1200, 1250, 1300, 1350, 1400, 1450, 1500, 1550, 1600, 1650, 1700, 1750, 1800, 1850, 1900, 1950, 2000, 2050, 2100, 2150, 2200, 2250, 2300, 2350, 2400, 2450, 2500, 2550, 2600, 2650, 2700, 2750, 2800, 2850, 2900, 2950, 3000, 3050, 3100, 3150, 3200, 3250, 3300, 3350, 3400, 3450, 3500, 3550, 3600, 3650, 3700, 3750, 3800, 3850, 3900, 3950, 4000, 4050, 4100, 4150, 4200, 4250, 4300, 4350, 4400, 4450, 4500, 4550, 4600, 4650, 4700, 4750, 4800, 4850, 4900, 4950, 5000, 5050, 5100, 5150, 5200, 5250, 5300, 5350, 5400, 5450, 5500, 5550, 5600, 5650, 5700, 5750, 5800, 5850, 5900, 5950, 6000, 6050, 6100, 6150, 6200, 6250, 6300, 6350, 6400, 6450, 6500, 6550, 6600, 6650, 6700, 6750, 6800, 6850, 6900, 6950, 7000, 7050, 7100, 7150, 7200, 7250, 7300, 7350, 7400, 7450, 7500, 7550, 7600, 7650, 7700, 7750, 7800, 7850, 7900, 7950, 8000, 8050, 8100, 8150, 8200, 8250, 8300, 8350, 8400, 8450, 8500, 8550, 8600, 8650, 8700, 8750, 8800, 8850, 8900, 8950, 9000, 9050, 9100, 9150, 9200, 9250, 9300, 9350, 9400, 9450, 9500, 9550, 9600, 9650, 9700, 9750, 9800, 9850, 9900, 9950, 10000. The map is labeled with 'Curve Data (Pl. 987+26.78)' and a list of survey data points: Δ = 54°25'38.2", Ts = 383.62, Δc = 25°40'38.2", Dc = 11°30'00", Lc = 223.28, Rc = 496.22, Θs = 14°22'30", Ls = 250.00', LT = 67.22', ST = 83.84'. A scale bar at the bottom right indicates a distance of 1/4 mile. The map is oriented with North at the top. The contour lines are labeled with elevations: 1100, 1150, 1200, 1250, 1300, 1350, 1400, 1450, 1500, 1550, 1600, 1650, 1700, 1750, 1800, 1850, 1900, 1950, 2000, 2050, 2100, 2150, 2200, 2250, 2300, 2350, 2400, 2450, 2500, 2550, 2600, 2650, 2700, 2750, 2800, 2850, 2900, 2950, 3000, 3050, 3100, 3150, 3200, 3250, 3300, 3350, 3400, 3450, 3500, 3550, 3600, 3650, 3700, 3750, 3800, 3850, 3900, 3950, 4000, 4050, 4100, 4150, 4200, 4250, 4300, 4350, 4400, 4450, 4500, 4550, 4600, 4650, 4700, 4750, 4800, 4850, 4900, 4950, 5000, 5050, 5100, 5150, 5200, 5250, 5300, 5350, 5400, 5450, 5500, 5550, 5600, 5650, 5700, 5750, 5800, 5850, 5900, 5950, 6000, 6050, 6100, 6150, 6200, 6250, 6300, 6350, 6400, 6450, 6500, 6550, 6600, 6650, 6700, 6750, 6800, 6850, 6900, 6950, 7000, 7050, 7100, 7150, 7200, 7250, 7300, 7350, 7400, 7450, 7500, 7550, 7600, 7650, 7700, 7750, 7800, 7850, 7900, 7950, 8000, 8050, 8100, 8150, 8200, 8250, 8300, 8350, 8400, 8450, 8500, 8550, 8600, 8650, 8700, 8750, 8800, 8850, 8900, 8950, 9000, 9050, 9100, 9150, 9200, 9250, 9300, 9350, 9400, 9450, 9500, 9550, 9600, 9650, 9700, 9750, 9800, 9850, 9900, 9950, 10000. The map is labeled with 'Curve Data (Pl. 987+26.78)' and a list of survey data points: Δ = 54°25'38.2", Ts = 383.62, Δc = 25°40'38.2", Dc = 11°30'00", Lc = 223.28, Rc = 496.22, Θs = 14°22'30", Ls = 250.00', LT = 67.22', ST = 83.84'. A scale bar at the bottom right indicates a distance of 1/4 mile. The map is oriented with North at the top. The contour lines are labeled with elevations: 1100, 1150, 1200, 1250, 1300, 1350, 1400, 1450, 1500, 1550, 1600, 1650, 1700, 1750, 1800, 1850, 1900, 1950, 2000, 2050, 2100, 2150, 2200, 2250, 2300, 2350, 2400, 2450, 2500, 2550, 2600, 2650, 2700, 2750, 2800, 2850, 2900, 2950, 3000, 3050, 3100, 3150, 3200, 3250, 3300, 3350, 3400, 3450, 3500, 3550, 3600, 3650, 3700, 3750, 3800, 3850, 3900, 3950, 4000, 4050, 4100, 4150, 4200, 4250, 4300, 4350, 4400, 4450, 4500, 4550, 4600, 4650, 4700, 4750, 4800, 4850, 4900, 4950, 5000, 5050, 5100, 5150, 5200, 5250, 5300, 5350, 5400, 5450, 5500, 5550, 5600, 5650, 5700, 5750, 5800, 5850, 5900, 5950, 6000, 6050, 6100, 6150, 6200, 6250, 6300, 6350, 6400, 6450, 6500, 6550, 6600, 6650, 6700, 6750, 6800, 6850, 6900, 6950, 7000, 7050, 7100, 7150, 7200, 7250, 7300, 7350, 7400, 7450, 7500, 7550, 7600, 7650, 7700, 7750, 7800, 7850, 7900, 7950, 8000, 8050, 8100, 8150, 8200, 8250, 8300, 8350, 8400, 8450, 8500, 8550, 8600, 8650, 8700, 8750, 8800, 8850, 8900, 8950, 9000, 9050, 9100, 9150, 9200, 9250, 9300, 9350, 9400, 9450, 9500, 9550, 9600, 9650, 9700, 9750, 9800, 9850, 9900, 9950, 10000. The map is labeled with 'Curve Data (Pl. 987+26.78)' and a list of survey data points: Δ = 54°25'38.2", Ts = 383.62, Δc = 25°40'38.2", Dc = 11°30'00", Lc = 223.28, Rc = 496.22, Θs = 14°22'30", Ls = 250.00', LT = 67.22', ST = 83.84'. A scale bar at the bottom right indicates a distance of 1/4 mile. The map is oriented with North at the top. The contour lines are labeled with elevations: 1100, 1150, 1200, 1250, 1300, 1350, 1400, 1450, 1500, 1550, 1600, 1650, 1700, 1750, 1800, 1850, 1900, 1950, 2000, 2050, 2100, 2150, 2200, 2250, 2300, 2350, 2400, 2450, 2500, 2550, 2600, 2650, 2700, 2750, 2800, 2850, 2900, 2950, 3000, 3050, 3100, 3150, 3200, 3250, 3300, 3350, 3400, 3450, 3500, 3550, 3600, 3650, 3700, 3750, 3800, 3850, 3900, 3950, 4000, 4050, 4100, 4150, 4200, 4250, 4300, 4350, 4400, 4450, 4500, 4550, 4600, 4650, 4700, 4750, 4800, 4850, 4900, 4950, 5000, 5050, 5100, 5150, 5200, 5250, 5300, 5350, 5400, 5450, 5500, 5550, 5600, 5650, 5700, 5750, 5800, 5850, 5900, 5950, 6000, 6050, 6100, 6150, 6200, 6250, 6300, 6350, 6400, 6450, 6500, 6550, 6600, 6650, 6700, 6750, 6800, 6850, 6900, 6950, 7000, 7050, 7100, 7150, 7200, 7250, 7300, 7350, 7400, 7450, 7500, 7550, 7600, 7650, 7700, 7750, 7800, 7850, 7900, 7950, 8000, 8050, 8100, 8150, 8200, 8250, 8300, 8350, 8400, 8450, 8500, 8550, 8600, 8650, 8700, 8750, 8800, 8850, 8900, 8950, 9000, 9050, 9100, 9150, 9200, 9250, 9300, 9350, 9400, 9450, 9500, 9550, 9600, 9650, 9700, 9750, 9800, 9850, 9900, 9950, 10000. The map is labeled with 'Curve Data (Pl. 987+26.78)' and a list of survey data points: Δ = 54°25'38.2", Ts = 383.62, Δc = 25°40'38.2", Dc = 11°30'00", Lc = 223.28, Rc = 496.22, Θs = 14°22'30", Ls = 250.00', LT = 67.22', ST = 83.84'. A scale bar at the bottom right indicates a distance of 1/4 mile. The map is oriented with North at the top. The contour lines are labeled with elevations: 1100, 1150, 1200, 1250, 1300, 1350, 1400, 1450, 1500, 1550, 1600, 1650, 1700, 1750, 1800, 1850, 1900, 1950, 2000, 2050, 2100, 2150, 2200, 2250, 2300, 2350, 2400, 2450, 2500, 2550, 2600, 2650, 2700, 2750, 2800, 2850, 2900, 2950, 3000, 3050, 3100, 3150, 3200, 3250, 3300, 3350, 3400, 3450, 3500, 3550, 3600, 3650, 3700, 3750, 3800, 3850, 3900, 3950, 4000, 4050, 4100, 4150, 4200, 4250, 4300, 4350, 4400, 4450, 4500, 4550, 4600, 4650, 4700, 4750, 4800, 4850, 4900, 4950, 5000, 5050, 5100, 5150, 5200, 5250, 5300, 5350, 5400, 5450, 5500, 5550, 5600, 5650, 5700, 5750, 5800, 5850, 5900, 5950, 6000, 6050, 6100, 6150, 6200, 6250, 6300, 6350, 6400, 6450, 6500, 6550, 6600, 6650, 6700, 6750, 6800, 6850, 6900, 6950, 7000, 7050, 7100, 7150, 7200, 7250, 7300, 7350, 7400, 7450, 7500, 7550, 7600, 7650, 7700, 7750, 7800, 7850, 7900, 7950, 8000, 8050, 8100, 8150, 8200, 8250, 8300, 8350, 8400, 8450, 8500, 8550, 8600, 8650, 8700, 8750, 8800, 8850, 8900, 8950, 9000, 9050, 9100, 9150, 9200, 9250, 9300, 9350, 9400, 9450, 9500, 9550, 9600, 9650, 9700,

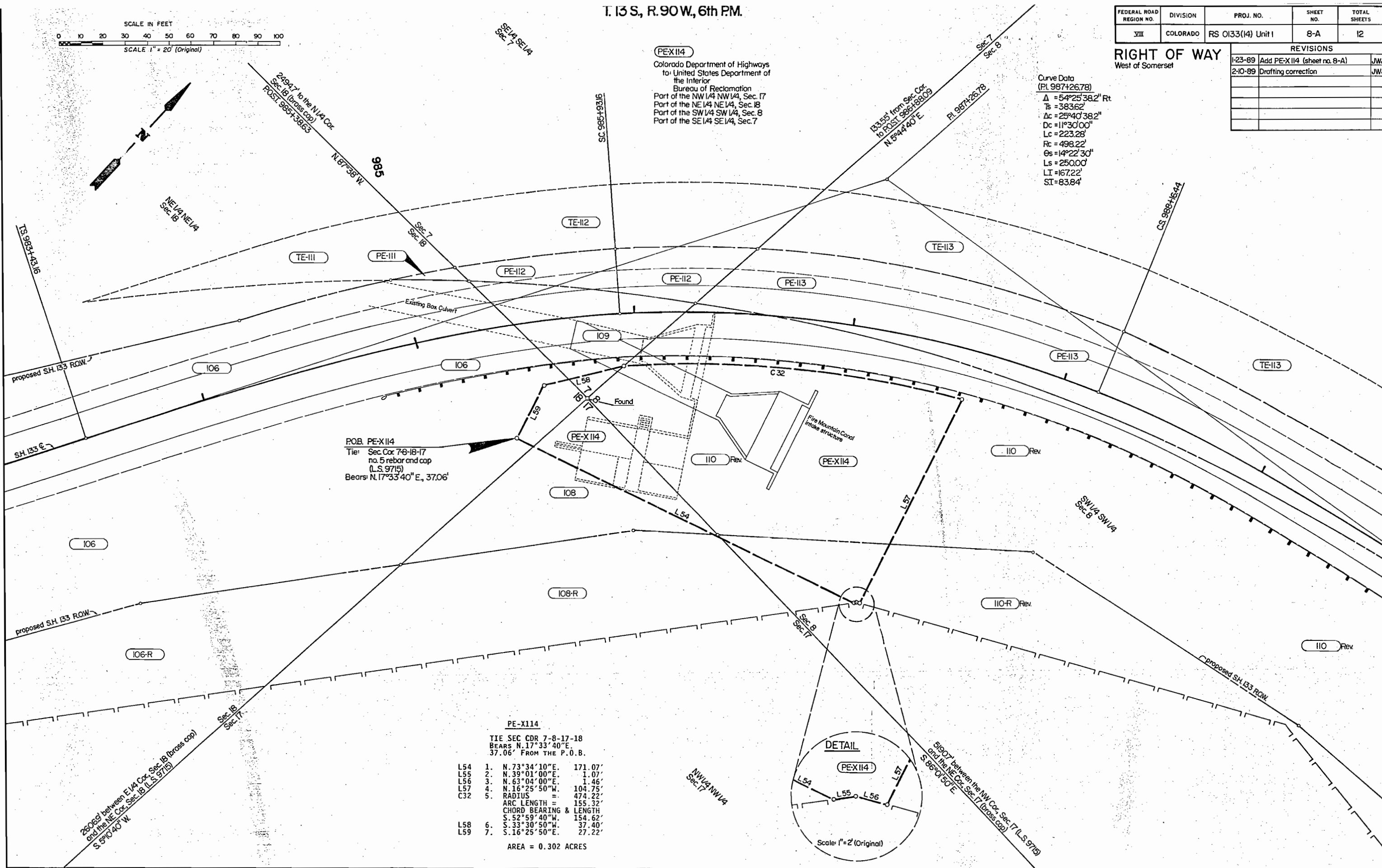
T. 13 S., R. 90 W., 6th P.M.

FEDERAL ROAD REGION NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
VIII	COLORADO	RS 0133(14) Unit 1	8-A	12

RIGHT OF WAY
West of Somerset

REVISIONS		
1-23-89	Add PE-X II4 (sheet no. 8-A)	JWJ
2-10-89	Drafting correction	JWJ

Curve Data
(Pl. 987+26.78)
 $\Delta = 54^\circ 25' 38.2''$ Rt.
 $T_s = 383.62'$
 $\Delta c = 25^\circ 40' 38.2''$
 $D_c = 11^\circ 30' 00''$
 $L_c = 223.28'$
 $R_c = 498.22'$
 $\theta_s = 14^\circ 22' 30''$
 $L_s = 250.00'$
 $LT = 167.22'$
 $ST = 83.84'$



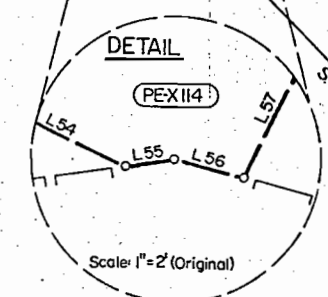
POB PE-XII4
 Tie: Sec. Cox 7-8-18-17
 no. 5 rebar and cap
 (L.S. 9715)
 Bears: N. 17° 33' 40" E., 37.06'

PE-XII4

TIE SEC CDR 7-8-17-18
 BEARS N. 17° 33' 40" E.
 37.06' FROM THE P.O.B.

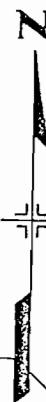
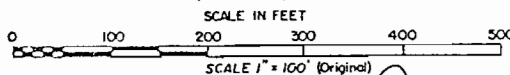
- | | | | |
|-----|----|------------------------|---------|
| L54 | 1. | N. 73° 34' 10" E. | 171.07' |
| L55 | 2. | N. 39° 01' 00" E. | 1.07' |
| L56 | 3. | N. 63° 04' 00" E. | 1.46' |
| L57 | 4. | N. 16° 25' 50" W. | 104.75' |
| C32 | 5. | RADIUS = | 474.22' |
| | | ARC LENGTH = | 155.32' |
| | | CHORD BEARING & LENGTH | |
| L58 | 6. | S. 52° 59' 40" W. | 154.62' |
| L59 | 7. | S. 16° 25' 50" E. | 27.22' |

AREA = 0.302 ACRES



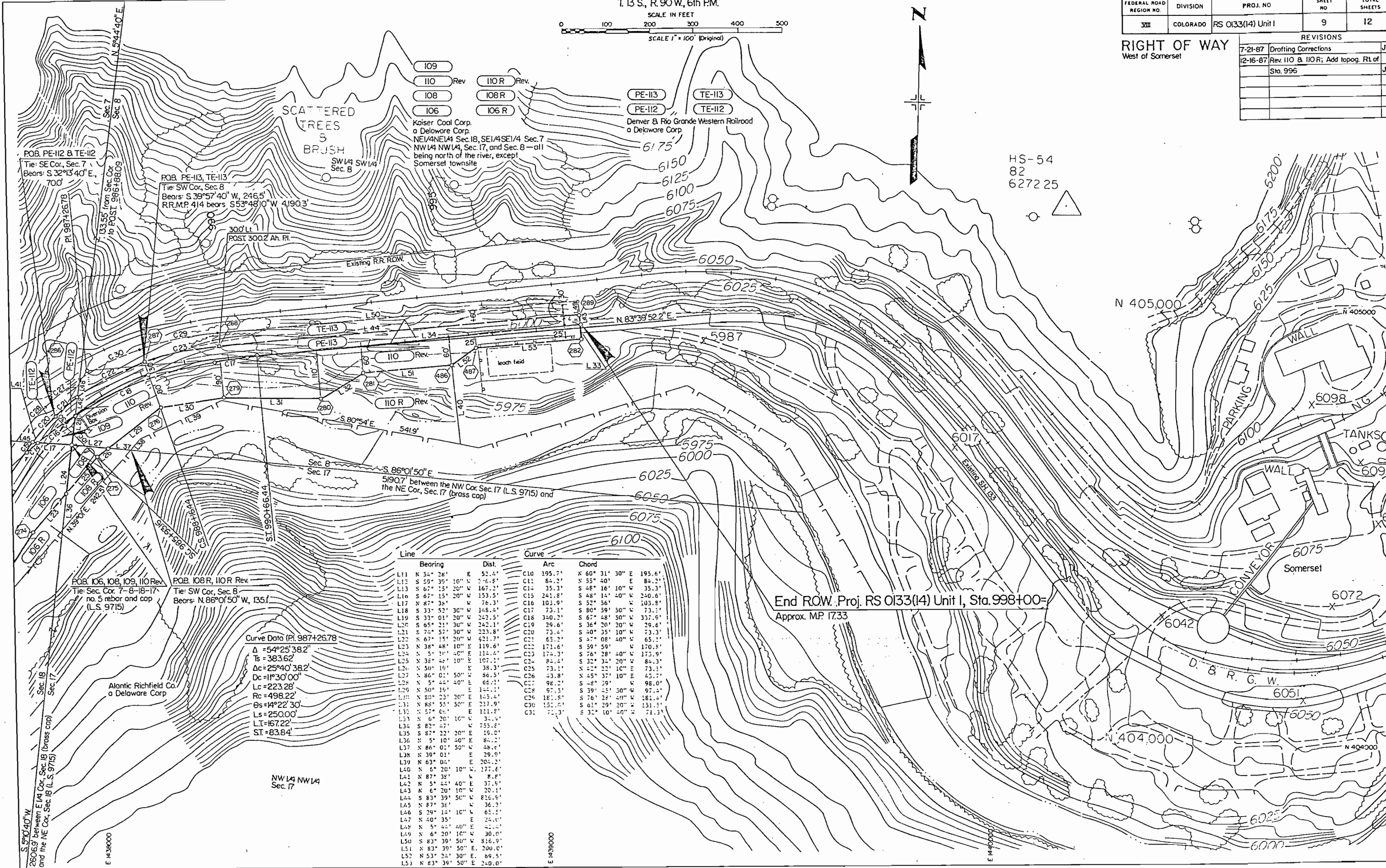
Scale: 1" = 2' (Original)

T. 13 S., R. 90 W., 6th P.M.



FEDERAL ROAD REGION NO.	DIVISION	PROJ. NO	SHEET NO	TOTAL SHEETS
VIII	COLORADO	RS 0133(14) Unit I	9	12

RIGHT OF WAY		REVISIONS	
West of Somerset		7-21-87	Drafting Corrections
		12-16-87	Rev. 110 & 110R; Add topog. Rt. of Sta. 996



Line	Bearing	Dist.	Curve	Arc	Chord
L11	N 54° 28' E	52.4'	C10	195.7'	N 60° 31' 30" E 195.6'
L12	S 59° 39' 10" W	56.8'	C11	84.2'	N 55° 40' E 84.2'
L13	S 67° 15' 20" W	167.2'	C12	35.3'	S 48° 16' 10" W 35.3'
L14	S 67° 15' 20" W	153.5'	C13	241.8'	S 48° 16' 10" W 240.6'
L15	N 87° 38' W	76.3'	C14	103.9'	S 32° 56' W 103.8'
L16	S 33° 52' 30" W	148.4'	C15	73.1'	S 80° 39' 30" W 73.1'
L17	S 33° 01' 20" W	242.5'	C16	340.2'	S 67° 48' 50" W 337.9'
L18	S 65° 21' 30" W	242.1'	C17	29.6'	S 36° 20' 20" W 29.6'
L19	S 74° 57' 30" W	223.8'	C18	73.2'	S 40° 35' 10" W 73.3'
L20	S 67° 15' 20" W	421.7'	C19	65.2'	S 47° 08' 40" W 65.1'
L21	S 38° 48' 10" W	119.6'	C20	171.6'	S 59° 59' W 170.8'
L22	S 5° 10' 40" W	114.4'	C21	174.3'	S 76° 38' 40" W 173.9'
L23	S 35° 40' 10" W	107.1'	C22	73.1'	S 22° 22' 10" E 73.1'
L24	N 50° 19' E	38.3'	C23	43.8'	S 45° 37' 10" E 43.7'
L25	N 86° 01' 50" E	86.5'	C24	98.2'	S 48° 39' W 98.0'
L26	N 5° 44' 40" E	65.1'	C25	97.5'	S 39° 53' 30" W 97.4'
L27	N 50° 16' E	144.1'	C26	181.5'	S 76° 28' 40" W 181.4'
L28	N 80° 23' 20" E	143.4'	C27	150.6'	S 61° 29' 30" W 151.5'
L29	N 88° 55' 50" E	217.9'	C28	71.3'	S 32° 10' 40" W 71.3'
L30	S 57° 06' E	111.8'			
L31	N 6° 20' 10" W	34.9'			
L32	N 82° 47' W	755.8'			
L33	S 87° 22' 20" E	19.0'			
L34	S 5° 10' 40" E	84.2'			
L35	N 86° 01' 50" W	48.6'			
L36	N 39° 01' E	29.9'			
L37	N 63° 04' E	204.2'			
L38	N 6° 20' 10" W	177.6'			
L39	N 87° 38' W	8.8'			
L40	N 5° 44' 40" E	37.9'			
L41	N 6° 20' 10" W	20.1'			
L42	S 83° 39' 50" W	816.9'			
L43	S 87° 38' W	36.3'			
L44	S 29° 14' 16" W	65.5'			
L45	N 40° 35' E	24.0'			
L46	N 5° 44' 40" E	41.4'			
L47	N 6° 20' 10" W	30.8'			
L48	S 83° 39' 50" W	816.9'			
L49	N 83° 39' 50" W	200.0'			
L50	N 53° 24' 30" E	69.5'			
L51	N 23° 39' 50" E	240.0'			
L52					
L53					

Curve Data (Pl. 987+26.78)
Δ = 54° 25' 38.2"
Ts = 383.62'
Δc = 25° 40' 38.2"
Dc = 11° 30' 00"
Lc = 223.28'
Rc = 498.22'
Os = 14° 22' 30"
Ls = 250.00'
Lt = 167.22'
St = 83.84'

End ROW Proj. RS 0133(14) Unit I, Sta. 998+00=
Approx. MP 17.33

PROJECT RS 0133(14) UNIT 1

R.O.W. OWNERSHIP MAP

DELTA-GUNNISON COUNTIES

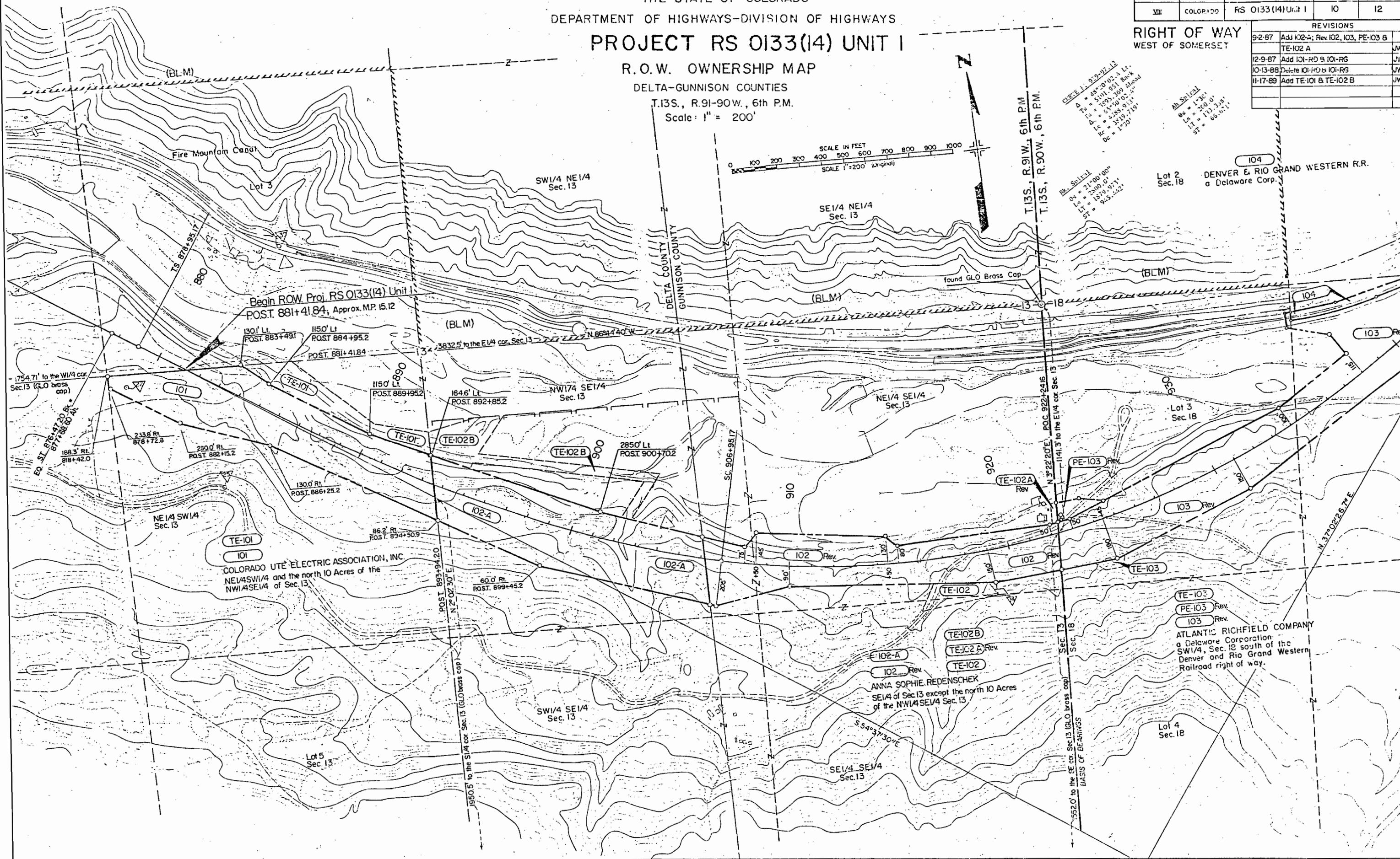
T.13S., R.91-90W., 6th P.M.

Scale : 1" = 200'

FEDERAL ROAD REGION NO	DIVISION	PROJ NO	SHEET NO	TOTAL SHEETS
VIII	COLORADO	RS 0133(14) Unit 1	10	12

RIGHT OF WAY
WEST OF SOMERSET

REVISIONS		
9-2-87	Add I02-A; Rev. I02, I03, PE-I03 & TE-I02 A	JW
12-9-87	Add I01-RD & I01-RG	JW
10-13-88	Delete I01-RD & I01-RG	JW
11-17-89	Add TE-I01 & TE-I02 B	JW



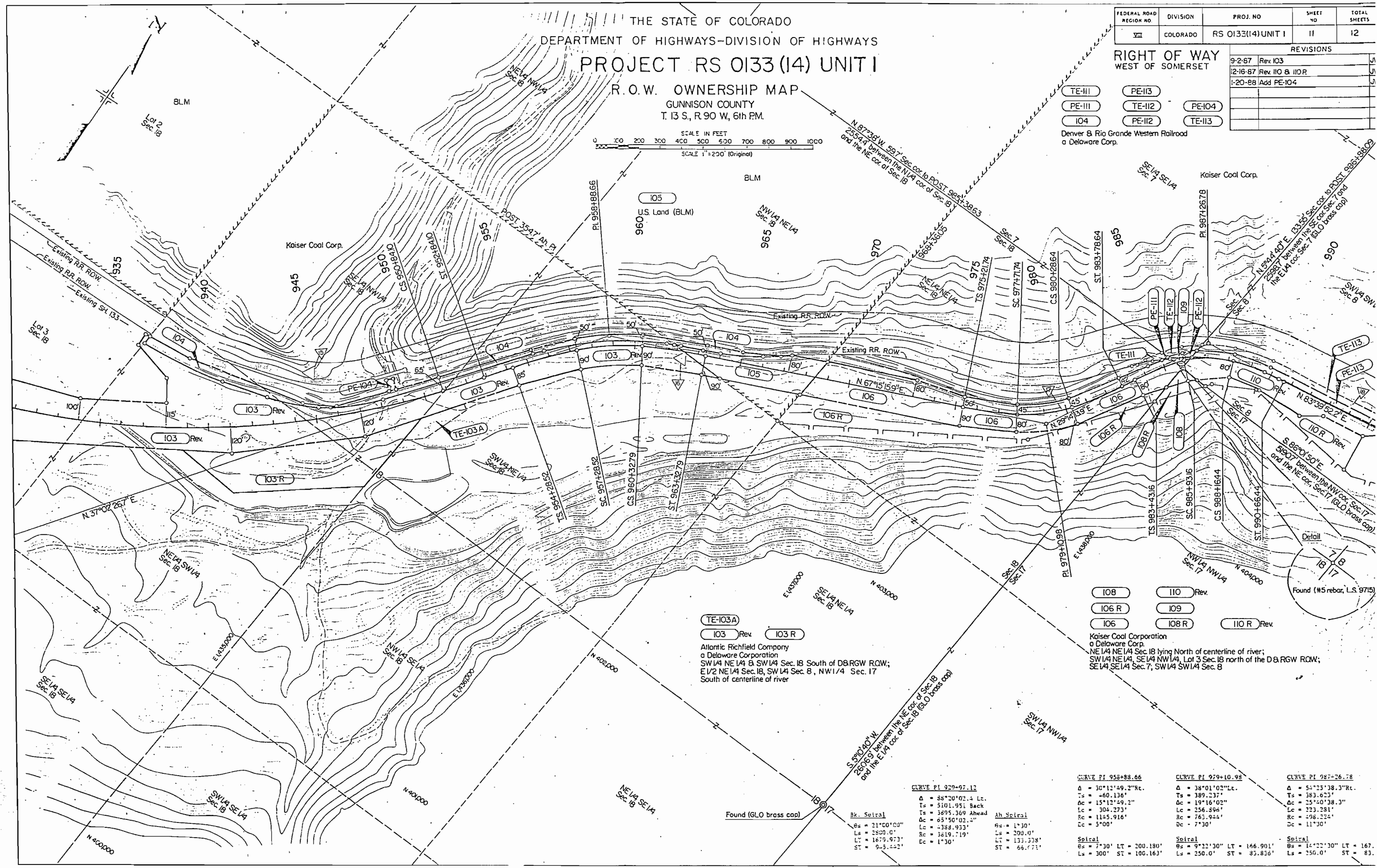
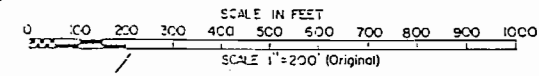
THE STATE OF COLORADO
DEPARTMENT OF HIGHWAYS-DIVISION OF HIGHWAYS
PROJECT RS 0133(14) UNIT I
R.O.W. OWNERSHIP MAP
GUNNISON COUNTY
T. 13 S., R. 90 W., 6th PM.

FEDERAL ROAD REGION NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
VII	COLORADO	RS 0133(14) UNIT I	11	12

REVISIONS	
9-2-67	Rev. 103
12-16-67	Rev. 110 & 110R
1-20-68	Add PE-104

- TE-III
- PE-III
- IO4
- PE-III
- TE-II2
- PE-II2
- PE-104
- TE-II3

Denver & Rio Grande Western Railroad
a Delaware Corp.



TE-103A
IO3 Rev. IO3 R
Atlantic Richfield Company
a Delaware Corporation
SW 1/4 NE 1/4 & SW 1/4 Sec. 18 South of D&RGW ROW;
E 1/2 NE 1/4 Sec. 18, SW 1/4 Sec. 8, NW 1/4 Sec. 17
South of centerline of river

- IO8
- IO6 R
- IO6
- IO8 R
- IO9
- IO8 R
- IO10 Rev.
- IO9
- IO8 R
- IO10 R Rev.

Kaiser Coal Corporation
a Delaware Corp.
NE 1/4 NE 1/4 Sec. 18 lying North of centerline of river;
SW 1/4 NE 1/4, SE 1/4 NW 1/4, Lot 3 Sec. 18 north of the D&RGW ROW;
SE 1/4 SE 1/4 Sec. 7, SW 1/4 SW 1/4 Sec. 8

CURVE PI 929-97.12

Δ = 38°20'02.4" Lt.
Ts = 5101.95; Back
Ts = 3895.369 Ahead
Δc = 65°50'02.4"
Lc = 4388.933
Rc = 3619.719
Cc = 1°30'

Spiral
Bs = 21°00'03"
Ls = 2500.0'
Lt = 1679.973'
St = 9-3.442'

CURVE PI 958+88.66

Δ = 36°12'49.2" Rt.
Ts = 460.136'
Δc = 15°12'49.2"
Lc = 304.273'
Rc = 1145.916'
Cc = 5°00'

CURVE PI 979+10.98

Δ = 38°01'02" Lt.
Ts = 389.237'
Δc = 19°16'02"
Lc = 256.394'
Rc = 763.944'
Cc = 7°30'

CURVE PI 987-26.78

Δ = 53°25'38.3" Rt.
Ts = 383.623'
Δc = 25°40'38.3"
Lc = 273.281'
Rc = 496.224'
Cc = 11°30'

Spiral
Bs = 7°30' LT = 200.180'
Ls = 300' ST = 100.163'

Spiral
Bs = 9°22'30" LT = 166.901'
Ls = 250.0' ST = 83.836'

Spiral
Bs = 14°22'30" LT = 167.
Ls = 250.0' ST = 83.

Found (GLO brass cap)

Found (#5 rebar, L.S. 9715)

GUNNISON COUNTY
 T.13S., R.90W., 6th PM.
 Scale: 1" = 1200' (Original)

[illegible]