

STATE DEPARTMENT OF HIGHWAYS

DIVISION OF HIGHWAYS—STATE OF COLORADO

FEDERAL ROAD REGION NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
VIII	COLORADO	BRF 024-I(24)	1	6

RIGHT OF WAY
S.H. 24, 5.2 Miles South
of Jct. I-70

REVISIONS	

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. & Toteq. 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)

Point Number Symbols
Control Point
Right of Way Point
Easement or Other Point

Basis of Bearings: N. 33° 59' 40" E. along the boundary line of Homestead Entry Survey Number 40 in T. 6 S., R. 81 W., 6th PM., from corner 4 of said survey, a stone monument, to corner 3 of said survey, an USFS. aluminum cap.

RIGHT OF WAY PLAN OF PROPOSED FEDERAL AID PROJECT NO. BRF 024-I(24) STATE HIGHWAY NO. 24 EAGLE COUNTY RIGHT OF WAY

SCALE OF ORIGINAL DRAWINGS

PLAN SHEETS 1" = 100' (Original)
DETAIL SHEETS 1" = 1"
OWNERSHIP MAPS 1" = 1000' (Original)

R.O.W. LENGTH OF PROJECT = 2276.6' = .43 miles

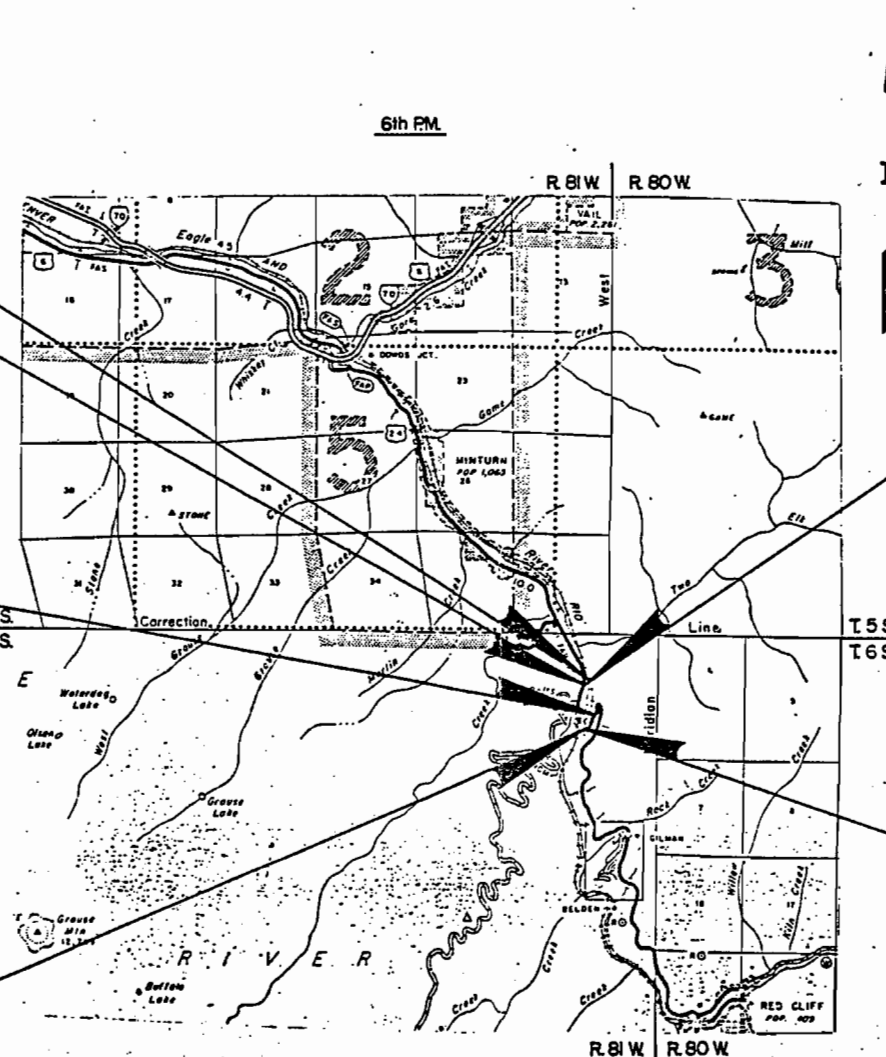
Sta. 78+25, Begin Approach to project taper shoulders and sideslopes to match existing roadway

Begin Const. Proj. BRF 024-I(24), Sta. 79+44.59

Sta. 110+50,
End Approach to Const. Proj. BRF 024-I(24)

End Const. Proj. BRF 024-I(24), Sta. 102+00

End Approach to Proj.—Transition Right Shoulder Width
Sta. 102+00 to Sta. 104+50



Scale (Approx.): 1" = 1 mile (Original)

Begin R.O.W. Proj. BRF 024-I(24), Sta. 79+00=
Sta. 26+27.9 on Proj. FAP 78-R

End R.O.W. Proj. BRF 024-I(24), Sta. 101+76.6=
Sta. 14840 on Proj. FAP 78-2

INDEX OF SHEETS

SHEET NO.	
1	Title Sheet
2	Tabulation of Ownership
3	Tabulation of Monumentation
4	Tabulation of Access
5	Alignment Sheet
6	Ownership Sheet

DIVISION OF HIGHWAYS	
APPROVED:	DATE
<i>R. P. Minton</i>	7-28-89
DISTRICT ENGINEER	

DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION	
APPROVED:	DATE
DIVISION ADMINISTRATOR	

Date: 7-89
Subaccount: 87073
District: 3

[illegible]

CONTROL AND MONUMENTATION SHEET
SURVEY CONTROL POINT TABULATION

POINT NO.	COORDINATES		POINT DESCRIPTIONS
	NORTH	EAST	
3	10045.46	9982.05	CONTROL POINT 3 - 5/8" REBAR
20	10458.46	11060.41	CONTROL POINT 20 - 5/8" REBAR
31	9064.87	9914.38	CONTROL POINT 31 - 1"X1" HUB & TACK
32	10015.49	10015.48	HES NO. 40 COR NO. 3 U.S.F.S. ALUMINUM CAP
35	9795.16	9915.88	MS NO. 19856 COR NO. 1 STONE
36	9787.81	9925.39	ROW MARKER RT SOUTH OF BRIDGE 4"X4"X24" CONCRETE POST
37	9581.57	9709.35	HES NO. 40 COR. 4 / HES NO. 41 COR. 8 STONE
38	9285.15	10831.81	SITE ONLY FIELD SURVEY POINT
41	9794.67	10194.73	MS NO. 19856 COR NO. 2 U.S.F.S. ALUMINUM CAP
43	9344.06	10062.84	MS NO. 19856 COR NO. 3 ALUMINUM CAP
200	8727.82	9948.87	MS NOS. 19856 & 20257 CROSSING 1988 U.S.F.S. ALUMINUM CAP PLS NO. 7235
201	8733.90	10035.21	MS NO. 19960 WC COR NO. 2 GEN. PERSHING 1988 U.S.F.S. ALUMINUM CAP PLS NO. 7235
202	8599.02	9924.77	MS NO. 19856 WC COR NO. 4 1988 U.S.F.S. AL CAP PLS NO. 7235
203	8593.57	9842.34	MS NO. 20257 NO. 2 1988 U.S.F.S. ALUMINUM CAP PLS NO. 7235
204	8802.28	9845.91	MS NO. 19856 COR NO. 7 STONE
205	8917.49	9914.93	MS NO. 19856 NO. 9 1988 U.S.F.S. ALUMINUM CAP PLS NO. 7235
206	8885.11	9805.14	MS NO. 19856 NO. 8 1988 U.S.F.S. ALUMINUM CAP PLS NO. 7235
209	8882.03	10071.07	WC MS NOS. 19960 & 20257 CROSSING ALUMINUM CAP PLS NO. 7235
210	10488.70	11099.83	TRANSIT POINT FIELD SURVEY POINT
212	11104.12	10315.45	TRANSIT POINT FIELD SURVEY POINT
215	11180.18	10436.98	HES NO. 40 NO. 1987 U.S.F.S. ALUMINUM CAP PLS NO. 7235
217	10980.35	10370.91	HES NO. 40 & MS NO. 20461 CROSSING 1987 U.S.F.S. ALUMINUM CAP PLS NO. 7235
218	10947.25	10358.51	HES NO. 40 & MS NO. 20461 CROSSING 1987 U.S.F.S. ALUMINUM CAP PLS NO. 7235
222	10193.79	10406.30	MS NO. 19960 WC NO. 1 GEN P-NO. 4 GEN F 1988 U.S.F.S. ALUMINUM CAP PLS NO. 7235
223	8140.60	9844.96	TRANSIT POINT FIELD SURVEY POINT
227	9456.14	10644.54	TRANSIT POINT FIELD SURVEY POINT
228	9345.54	10675.04	ROW MARKER F.A.P. 78(2) STA 9+00 CDOH BRASS CAP
237	9113.48	10214.13	ROW MARKER F.A.P. 78(2) STA 0+00 CDOH BRASS CAP

RIGHT OF WAY POINTS

POINT NO.	COORDINATES		COMMENTS
	NORTH	EAST	
340	8861.47	10181.95	
351	10624.08	10023.57	
353	10924.88	10085.44	
356	11145.80	10099.09	
357	10978.93	9979.01	
358	10464.01	9844.69	
359	10034.84	9854.00	
360	9459.24	9839.57	
361	9107.74	9789.06	
362	8861.53	10140.31	
379	9790.76	10045.35	

OTHER POINTS

POINT NO.	COORDINATES		COMMENTS
	NORTH	EAST	
33	10001.92	10045.38	ROW MARKER
34	9999.63	9956.81	ROW MARKER
207	8921.05	9918.34	1.5" AL CAP
208	8887.03	9809.08	1.5" AL CAP
225	7727.82	10606.37	RR MP 298
236	8836.26	10527.22	ROW MARK 4+
340	8861.47	10181.95	
341	9047.77	10073.75	
342	9505.61	9932.79	
343	9185.99	10008.99	
350	9788.66	9965.44	
352	10621.98	9943.59	

OTHER POINTS
(CONT.)

POINT NO.	COORDINATES		COMMENTS
	NORTH	EAST	
354	10958.37	10012.79	
355	11342.07	10189.66	
363	8764.92	9995.36	
364	10214.24	10380.02	
365	8797.35	10003.96	
366	8932.04	10039.71	
367	9052.30	10071.83	
368	8364.98	9992.73	
369	9148.33	10026.64	
370	8904.28	10079.33	
371	8996.70	10103.41	
372	8965.52	9991.95	
373	9130.57	10034.96	
374	9019.43	9915.04	
375	9795.08	9965.28	
376	9935.61	9961.59	
377	9768.08	9847.26	
383	9795.76	10045.22	
384	9798.54	10075.21	
385	9996.47	10069.99	
386	9995.69	10040.00	
387	10076.40	10037.89	
388	9794.94	10045.24	
390	9434.01	10089.17	
391	9278.98	10131.79	

FEDERAL ROAD REGION NO.	DIVISION	PROJECT NO.	SHEET NO.	TOTAL SHEETS
VIII	COLORADO	BRF 024-1(24)	3	6

RIGHT OF WAY
S.H. 24, 5.2 MILES S.
OF JUNCTION I-70

REVISIONS		
08-07-89	ADD TE-102 POINTS	KJS
02-20-90	ADD POINTS 387,388,390,391	KJS

GENERAL NOTES

1. This Right of Way Plan is not a complete boundary survey of all adjoining owners and is prepared for Highway Department purposes only.
2. Found and set monuments are located within an error circle of radius 0.25 feet with respect to controlling monuments at a 95% confidence level.
3. Memorandums of Ownerships supplied by Stewart Title Company of Eagle County.
4. 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.
5. All Right of Way Markers set from survey control points.
6. All centerline stationing and offsets are theoretical only and may not represent the centerline as constructed.
7. 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. _____

FEDERAL ROAD REGION NO.	DIVISION	PROJECT NO.	SHEET NO.	TOTAL SHEETS
VIII	COLORADO	BRF 024-1(24)	4	6

RIGHT OF WAY
S.H. 24, 5.2 MILES S.
OF JCT. I-70

REVISIONS

R.O.W. TABULATION OF ROAD APPROACHES IN EAGLE COUNTY S.H. NO. 24

OWNER	MILE POST/STA	LEFT (L) or RIGHT (R) of C	WIDTH	SKEW ANGLE	REMARKS
COUNTY ROAD (Tigiwon Rd.)	89+83	RT.	24'		
BATTLE MOUNTAIN CORP	98+00	RT.	16'		
COUNTY ROAD (Old S.H. 24)	101+90	RT.	16'		
RAILROAD ACCESS ROAD	102+00	LT.	16'		

T. 6 S., R. 81 W., 6TH P.M.
(Unsurveyed Township)
EAGLE COUNTY

Curve Data
(PL 107+79.95)
 $\Delta = 14^\circ 17' 03''$ Rt
 $Ts = 129.01'$
 $Ac = 5^\circ 11' 22''$
 $Dc = 9^\circ 05' 40''$
 $Lc = 57.06'$
 $Rc = 630.00'$
 $Es = 4^\circ 32' 50''$
 $Ls = 100.00'$
 $LT = 66.69'$
 $ST = 33.35'$

FEDERAL ROAD REGION NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
VIII	COLORADO	BRF 024-1(24)	5	6

REVISIONS	
8/8/89	Add TE-102
12/15/89	Drafting Corrections
2/20/90	Rev. 102 & 104

RIGHT OF WAY
SH 24, 5.2 Miles S. of
Jct. I-70

101 103 105
Battle Mountain Corp.
a Colorado Corporation
Part of H.E.S. 40, MS. 19856,
MS. 19960, MS. 20257

TE-102
(102 Rev. 104 Rev.)
United States of America
Forest Service

TIE COR #1 MS #19856
BEARS S. 89° 30' 20" W.
159.34' FROM THE P.O.B.

L37 1. N. 01° 29' 50" W. 200.00'
L38 2. S. 88° 30' 10" W. 30.00'
L39 3. S. 01° 29' 50" E. 200.00'
L40 4. N. 88° 30' 10" E. 30.00'

AREA = 0.138 ACRES

TIE RR MP MARKER 298
BEARS S. 26° 23' 50" E.
1,382.00' FROM THE P.O.B.

L32 1. N. 14° 36' 30" E. 170.55'
L33 2. S. 25° 06' 10" E. 91.43'
L34 3. S. 30° 08' 50" E. 59.06'
L35 4. S. 14° 36' 30" W. 95.51'
L36 5. N. 54° 58' 20" W. 106.71'

AREA = 0.300 ACRES

ER-106
Denver & Rio Grande Western
Railroad Co., a Delaware Corp.

End Approach to Proj. STA 110+50=
Sta 11+55.0 on Proj. FAP 78(2)

AREA = 0.255 ACRES

TIE M.S. #19856 COR 9
BEARS N. 76° 03' 20" W.
232.22' FROM THE P.O.B.

L27 1. N. 54° 58' 20" W. 122.85'
L28 2. N. 14° 51' 50" E. 124.42'
L29 3. S. 25° 06' 10" E. 5.00'
L30 4. S. 30° 08' 50" E. 215.45'
L31 5. N. 89° 54' 40" W. 41.64'

Curve Data
(PL 110+37.83)
 $\Delta = 15^\circ 42' 29''$ Lt
 $Ts = 130.87'$
 $Ac = 125^\circ 32' 22''$
 $Dc = 20^\circ 50' 05''$
 $Lc = 602.55'$
 $Rc = 275.00'$
 $Es = 14^\circ 35' 04''$
 $Ls = 140.00'$
 $LT = 160.55'$
 $ST = 80.50'$

AREA = 0.653 ACRES

Sta 78+25 Begin Approach
to Project
40.80' Rt
P.O.T. 79+00.0

Begin ROW Proj. BRF 024-1(24)
Sta 79+00.0=Sta 26+27.9 on Proj. FAP 78-R

PARCEL 101
TIE H.E.S. 40 COR. 4 & H.E.S. 41 COR. 8
BEARS S. 16° 59' 40" W.
494.88' FROM THE P.O.B.

L1 1. S. 01° 26' 10" W. 268.84'
L2 2. N. 33° 59' 40" E. 204.48'
L3 3. N. 01° 30' 10" W. 686.61'
C1 4. RADIUS = 756.20'
ARC LENGTH = 346.45'
CHORD BEARING & LENGTH
N. 11° 37' 20" E. 343.43'
L4 5. N. 24° 44' 50" E. 206.17'
L5 6. S. 35° 46' 20" W. 205.43'
L6 7. S. 14° 37' 10" W. 532.15'
L7 8. S. 01° 14' 40" E. 429.27'

AREA = 2.147 ACRES

PARCEL 102 REV.
TIE H.E.S. 40 COR. 4 & H.E.S. 41 COR. 8
BEARS S. 41° 28' 50" W.
311.79' FROM THE P.O.B.

L8 1. S. 89° 54' 00" E. 129.37'
L9 2. N. 01° 29' 50" W. 281.56'
L10-A 3. S. 20° 13' 00" W. 64.90'
L10-B 4. S. 33° 59' 40" W. 300.82'
L11 5. N. 01° 29' 50" E. 306.94'
L12 6. N. 08° 10' 40" W. 359.11'
L13 7. N. 54° 58' 20" W. 775.85'
L14 8. N. 00° 03' 40" E. 775.93'

AREA = 2.020 ACRES

Begin Const BRF 024-1(24)
Sta 79+44.59

Curve Data
(PL 83+72.15)
 $\Delta = 26^\circ 37' 38''$ Lt
 $Ts = 392.56'$
 $Ac = 14^\circ 40' 12''$
 $Dc = 4^\circ 58' 56''$
 $Lc = 294.44'$
 $Rc = 1150.00'$
 $Es = 5^\circ 58' 43''$
 $Ls = 240.00'$
 $LT = 160.09'$
 $ST = 80.08'$

TIE H.E.S. 40 COR. 4 & H.E.S. 41 COR. 8
BEARS S. 41° 28' 50" W.
311.79' FROM THE P.O.B.

L15 1. S. 89° 54' 00" E. 49.40'
L16 2. S. 01° 30' 10" E. 6.41'
L17 3. S. 88° 29' 50" W. 40.06'
L18 4. S. 01° 30' 10" E. 282.10'
C2 5. RADIUS = 796.20'
ARC LENGTH = 330.96'
CHORD BEARING & LENGTH
S. 13° 24' 40" E. 328.59'
L19 6. S. 25° 06' 10" E. 41.59'
L20 7. S. 10° 28' 10" W. 186.46'
L21 8. N. 54° 58' 20" W. 94.87'
L22 9. N. 00° 03' 40" E. 775.73'

AREA = 0.854 ACRES

Curve Data (Approach Rd. Sta. 98+100)

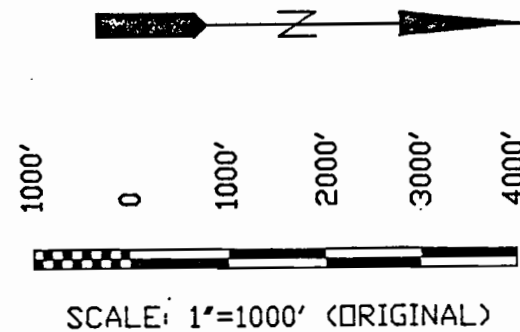
No.	PC Sta	PT Sta	Δ	T	R	L
①	10+43.55	12+08.17	125°45'55"	146.45'	750.0'	164.63'
②	13+33.84	14+01.07	5°21'30"	36.06'	750.0'	67.23'

Note: Existing SH No. 24 R.O.W. Acquired on projects FAP 78-R & FAP 78(2)

STATE DEPARTMENT OF HIGHWAYS
DIVISION OF HIGHWAYS-STATE OF COLORADO
PROJECT BRF 024-1(24)
R.O.W. OWNERSHIP MAP
T. 6 S., R. 81 W., 6th P.M.
(UNSURVEYED TOWNSHIP)
EAGLE COUNTY

FEDERAL ROAD REGION NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
VIII	COLD	BRF 024-1(24)	6	6

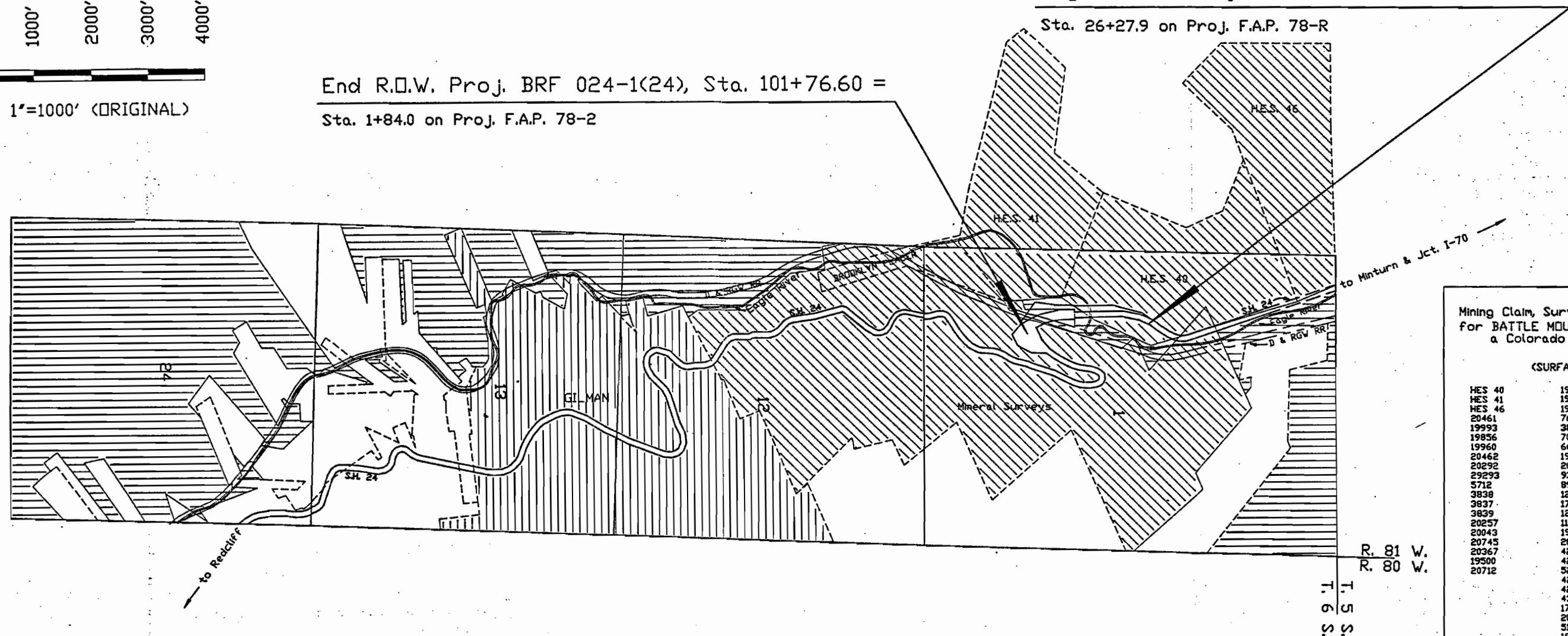
RIGHT OF WAY		REVISIONS	
S.H. 24, 5.2 Miles S. of Jct. I-70			



End R.O.W. Proj. BRF 024-1(24), Sta. 101+76.60 =
Sta. 1+84.0 on Proj. F.A.P. 78-2

Begin R.O.W. Proj. BRF 024-1(24), Sta. 79+00 =

Sta. 26+27.9 on Proj. F.A.P. 78-R



Mining Claim, Survey Nos.
for BATTLE MOUNTAIN CORP.
a Colorado Corp.

(SURFACE OWNERSHIP ONLY)

HES 40	19893	602
HES 41	19986	1849A
HES 46	19618	1291
20461	7637	1290
19993	3865	3389
19856	7055	5247
19960	6661	19617
20462	19642	17245
20292	20287	2321
29293	9321	5260
5712	899	1638
3838	1241	4755
3837	17820	20462
3839	1272	19846-B
20257	1138	1969
20043	19622	900
20745	20440	2380
20367	4284	2644-B
19500	4283	20287
20712	5249	4286
	4285	
	4287	
	4371	
	17654	
	20441	
	3108	
	1990	
	1989	
	4527	
	19701	
	1433A	
	1432A	
	4205	
	12168	
	6497	
	6687	
	4341	
	1273	
	839	
	1852	
	1465	
	1242	
	19846-A	
	2301	
	2302	
	3239	
	840	
	3240	
	898	
	826	
	827	
	1470	
	8545	
	2004	
	3360	
	1731	
	781	

Battle Mountain Corporation
a Colorado Corporation

Battle Mountain Corporation
a Colorado Corporation
(SURFACE OWNERSHIP ONLY)

United States Forest Service

plus other land in other Townships, Ranges, and Sections

NOTE: Existing S.H. 24 R.O.W. acquired previously on proj. FAP 78-R & FAP 78(2).