PLANS
NOT
TO
SCALE

DESIGN TRAFFIC DATA
1968 ADT 675
1991 ADT 1600
DHV 220
D 55-45
T 11%
V 60-70

STATE OF MONTANA
STATE HIGHWAY COMMISSION

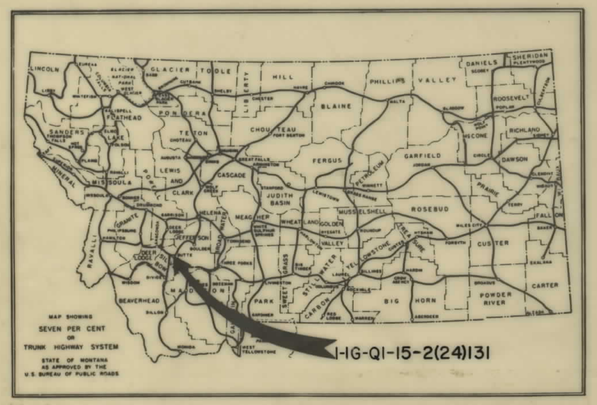
FED. ROAD DIV. NO.	STATE		SHEET NO.	TOTAL SHEETS
8	MONT.	I-IG-QI-15-2(24)	1	9

STATE NUMBER
PLANS COMPLETED
CONTRACT COMPLETED

RIGHT OF WAY PLAN OF
FEDERAL AID PROJECT NO.
I-IG-QI-15-2(24)131 R/W & IC
I-IG-15-2(23)131 P.E.
I-IG-15-2(37)131 CONSTR.

MADISON CO. LINE - JEFFERSON CO. LINE
BUTTE NORTH
SILVER BOW COUNTY
LENGTH 3.816 MILES

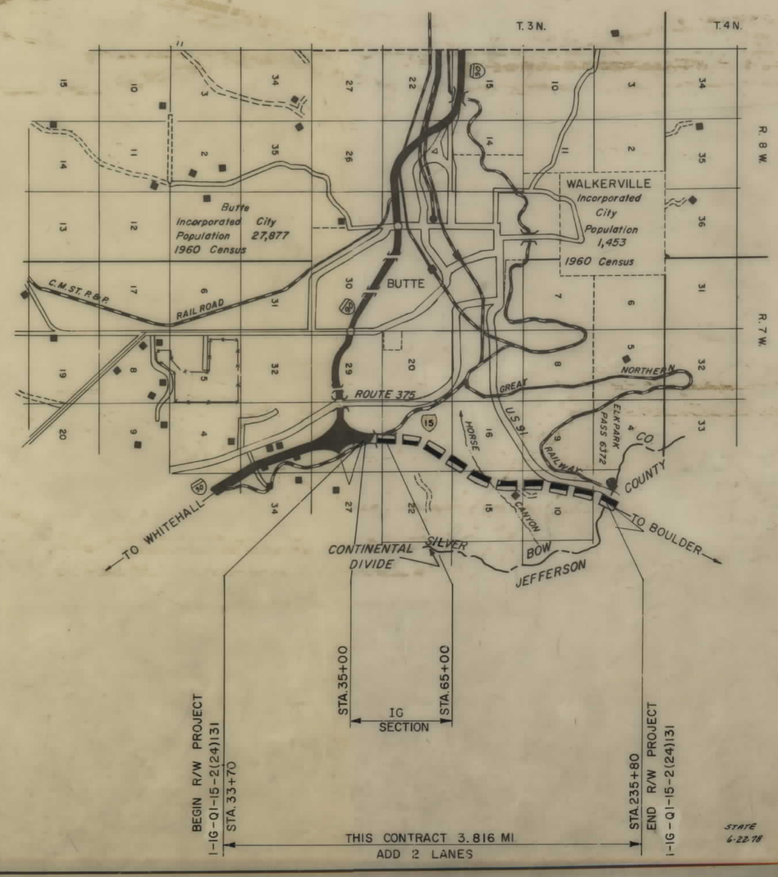
RADER & ASSOCIATES
HELENA, MONTANA
MIAMI, FLORIDA



SCALE:
0 ½ 1 MI.

SCALES
HORIZONTAL: 1 Inch=100 Feet

REDUCTION PRINTS ½ ORIGINAL SCALE



STATE 6-22-78

10-8-81
10-18-71
9-20-71
7-29-71
8-16-71
4-22-81

INDEX

PARCEL NO.	OWNERSHIP	SHEET NO.
1	SILVER BOW COUNTY	2
2	JAMES MC KERNAN et al.	2
3	N.P. RAILWAY	2
4	MARTIN H. & ROSE M. LISAC	2&3
5	THE ANACONDA CO.	3
6	ESTELLA HENDERSON	3
7	DELETED	3
8	THE ANACONDA CO	3
9	THE ANACONDA CO. et al.	3&4
10	DELETED	3
11	DELETED	3&4
12	DELETED	3&4
13	DELETED	3&4
14	DELETED	4
15	THE ANACONDA CO.	4
16	DELETED	4
17	THE ANACONDA CO. et al	4
18	THE ANACONDA CO.	4&5
19	BLAINE J. THOMPSON	5
20	THE ANACONDA CO.	5
21	JOHN V. & MARDELL SCHARA	5
22	THE ANACONDA CO.	5
23	CORRY CONSOLIDATED HOLDING CO.	5
24	CORRY CONSOLIDATED HOLDING CO.	5
25	COLUMBIA GARDENS VOL. FIRE DEPT.	5
26	CORRY CONSOLIDATED HOLDING CO.	5
27	DELETED	5
28	CORRY CONSOLIDATED HOLDING CO.	5
29	FRANK BENICH et al TRUSTEES	5
30	FRANK BENICH et al TRUSTEE	5&6
31	THE ANACONDA CO. et. al.	5&6
32	FRANK BENICH et al TRUSTEES	6
33	DELETED	6
34	THE ANACONDA CO.	6
35	THE ANACONDA CO.	6
36	THE ANACONDA CO	6
37	THE ANACONDA CO	6
38	THE ANACONDA CO. et. al.	6&7
39	VANBUTTE EXPLORATION INC	6
40	THE ANACONDA CO.	7
41	THE ANACONDA CO.	7
42	THE ANACONDA CO.	7
43	U.S.A.	7
44	THE ANACONDA CO. et. al.	7
45	THE ANACONDA CO.	7
46	WILLIAM T. BALL JR. et. al.	7
47	VAN BUTTE EXPLORATION INC.	7
48	THE ANACONDA CO et. al.	7
49	THE ANACONDA CO.	8
50	THE ANACONDA CO et al	8
51	WALTER F. HENNINGSEN, JR.	8
52	FRANK & ERNA LOMBARDI	8
53	RAMPART MOUNTAIN MINING CO.	8
54	THE ANACONDA CO. et al.	8
55	THE ANACONDA CO.	7
56	COUNTY OF SILVER BOW	2

CONVENTIONAL SIGNS

STATE AND NATIONAL LINE
COUNTY LINE
CITY, VILLAGE OR BOROUGH LINE
TOWNSHIP LINE
SECTION LINE
RESERVATION LINE
FENCE LINE
GUARD RAIL
UNFENCED PROPERTY
RIGHT OF WAY LINE
RIGHT OF WAY LINE FENCED
TRAVELED WAY
RAILROADS
RETAINING WALLS
BASE OR SURVEY LINE
LEVEE
CULVERTS IN PLACE (PLAN)
NEW CULVERTS (PLAN)
NEW CULVERTS (PROFILE)
TROLLEY POLE
POWER POLE
TELEPHONE OR TELEGRAPH POLE
MARSH
DITCH
RIPRAP
BRIDGE
OWNERSHIP BOUNDARY
SECTION CORNER ....FOUND ....UNFOUND
1/4 SECT. CORNER ....FOUND ....UNFOUND
1/16 SECT. CORNER ....FOUND ....UNFOUND
CENTER OF SECTION
PARCEL NUMBER
CONTROL OF ACCESS EXISTING
CONTROL OF ACCESS WITH FENCE NEW
CONTROL OF ACCESS WITHOUT FENCE NEW
CATTLE GUARD
GATE IN FENCE
CONSTRUCTION LIMITS ....CUT ____ FILL ____

B.P.R. Approval - 8-19-70

STATE HIGHWAY COMMISSION OF MONTANA

APPROVED:
Dec 30 1969
STATE HIGHWAY ENGINEER

STATE OF MONTANA REGISTERED No. 1745 LEWIS M. CHITTIM CIVIL ENGINEER AND LAND SURVEYOR

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
BUREAU OF PUBLIC ROADS

APPROVED:
DIVISION ENGINEER DATE

I IG QI 15-2(24) SHT 1 OF 9

FED. ROAD DIST. NO.	STATE	FED. AID PROJECT NUMBERS CONST. NO.	R/W NO.	STATE NO.	SHEET NO.	TOTAL SHEETS
8	MONT.	I-IG 15-2 (37)131	I-IG-01-15-2(24)		2	9

BUTTE NORTH (ADD 2)

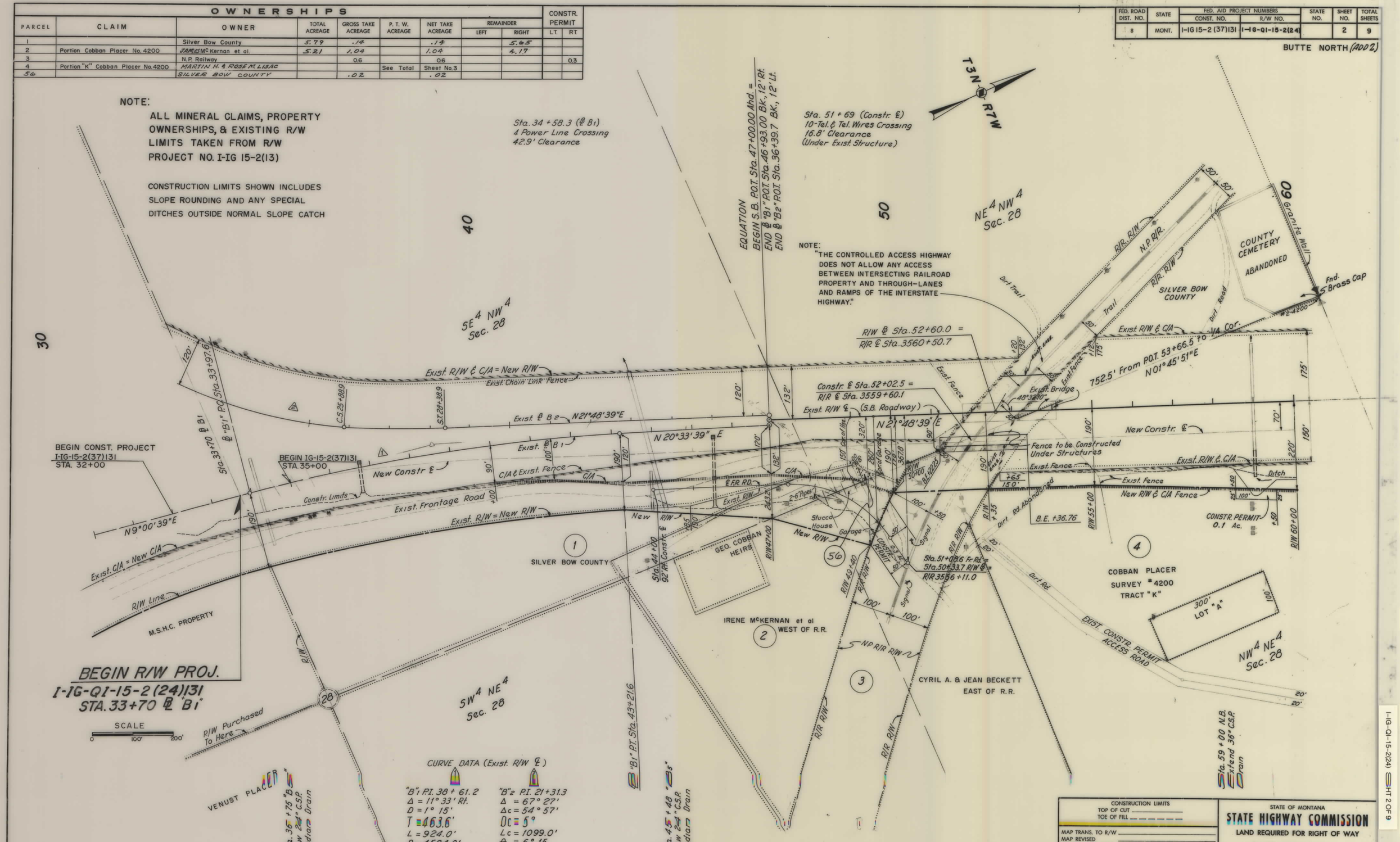
OWNERSHIPS

PARCEL	CLAIM	OWNER	TOTAL ACREAGE	GROSS TAKE ACREAGE	P. T. W. ACREAGE	NET TAKE ACREAGE	REMAINDER LEFT	REMAINDER RIGHT	CONSTR. PERMIT LT.	CONSTR. PERMIT RT.
1		Silver Bow County	5.79	.14		.14		5.65		
2	Portion Cobban Placer No. 4200	JAMES McKernan et al.	5.21	1.04		1.04		4.17		
3		N.P. Railway		0.6		0.6				0.3
4	Portion "K" Cobban Placer No. 4200	MARTIN H. & ROSE M. LISAC			See Total	Sheet No. 3				
56		SILVER BOW COUNTY		.02		.02				

NOTE:

ALL MINERAL CLAIMS, PROPERTY OWNERSHIPS, & EXISTING R/W LIMITS TAKEN FROM R/W PROJECT NO. I-IG 15-2(13)

CONSTRUCTION LIMITS SHOWN INCLUDES SLOPE ROUNDING AND ANY SPECIAL DITCHES OUTSIDE NORMAL SLOPE CATCH



CONSTRUCTION LIMITS
TOP OF CUT _____
TOE OF FILL _ _ _ _ _ _

MAP TRANS. TO R/W _____
MAP REVISED _____
Stage 10-12-71, 4-24-74, 5-31-79, 4/22/81
B. P. R. APPROVAL 7-21-70 -6-1-70 -8-14-70

STATE OF MONTANA
STATE HIGHWAY COMMISSION
LAND REQUIRED FOR RIGHT OF WAY
SILVER BOW COUNTY

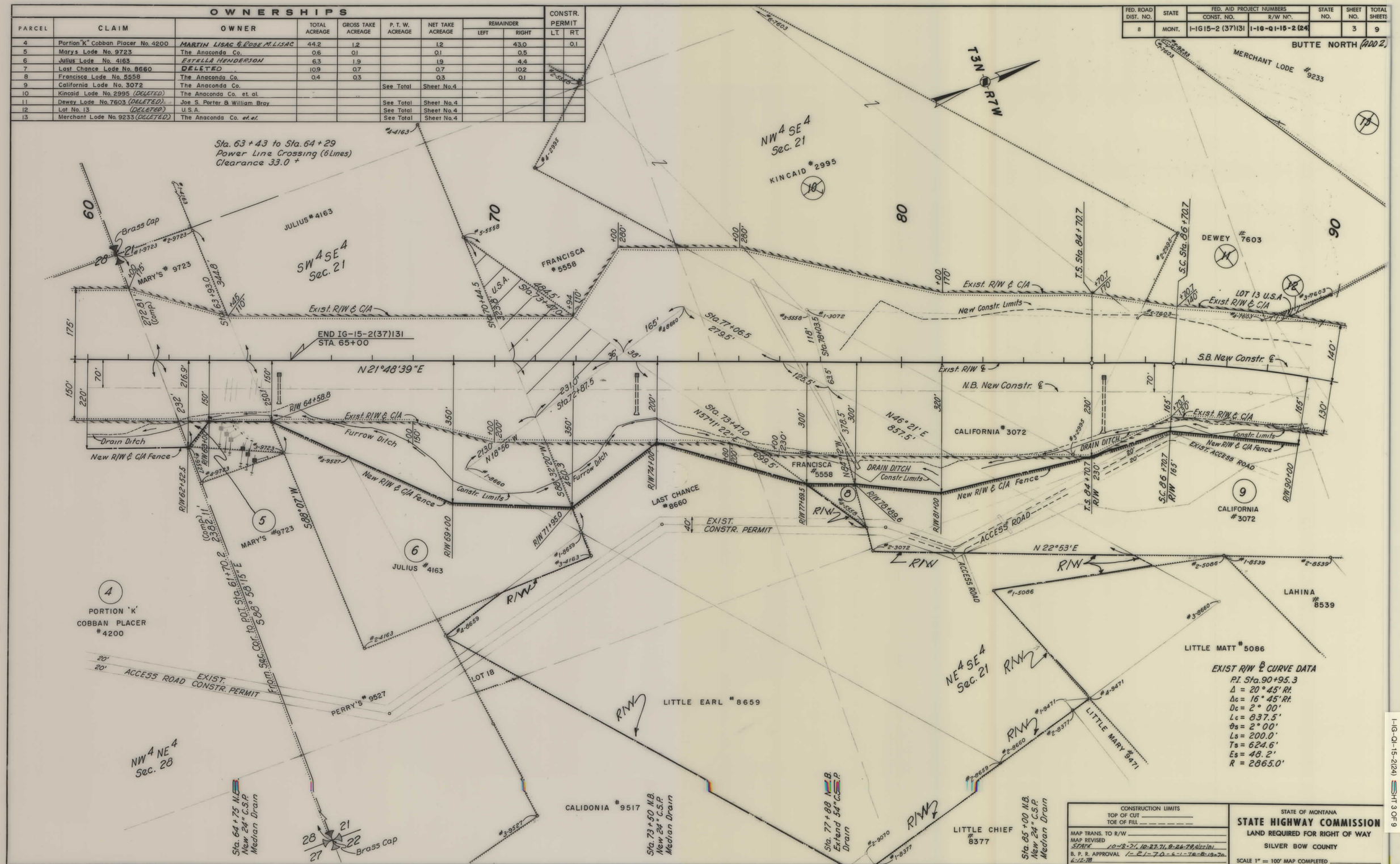
I-IG-01-15-2(24) SHT 2 OF 9

FED. ROAD DIST. NO.	STATE	FED. AID PROJECT NUMBERS CONST. NO.	R/W NO.	STATE NO.	SHEET NO.	TOTAL SHEETS
8	MONT.	I-IG15-2 (37)131	I-IG-QI-15-2 (24)		3	9

BUTTE NORTH (ADD 2)

OWNERSHIPS

PARCEL	CLAIM	OWNER	TOTAL ACREAGE	GROSS TAKE ACREAGE	P. T. W. ACREAGE	NET TAKE ACREAGE	REMAINDER LEFT	REMAINDER RIGHT	CONSTR. PERMIT L.T.	CONSTR. PERMIT R.T.
4	Portion "K" Cobban Placer No. 4200	MARTIN LISAC & ROSE M. LISAC	44.2	1.2		1.2		43.0		0.1
5	Mary's Lode No. 9723	The Anaconda Co.	0.6	0.1		0.1		0.5		
6	Julius Lode No. 4163	ESTELLA HENDERSON	6.3	1.9		1.9		4.4		
7	Last Chance Lode No. 8660	DELETED	10.9	0.7		0.7		10.2		
8	Francisca Lode No. 5558	The Anaconda Co.	0.4	0.3		0.3		0.1		
9	California Lode No. 3072	The Anaconda Co.			See Total	Sheet No. 4				
10	Kincaid Lode No. 2995 (DELETED)	The Anaconda Co. et. al.								
11	Dewey Lode No. 7603 (DELETED)	Joe S. Porter & William Bray			See Total	Sheet No. 4				
12	Lot No. 13 (DELETED)	U. S. A.			See Total	Sheet No. 4				
13	Merchant Lode No. 9233 (DELETED)	The Anaconda Co. et. al.			See Total	Sheet No. 4				



CONSTRUCTION LIMITS
TOP OF CUT _____
TOE OF FILL _____

MAP TRANS. TO R/W _____
MAP REVISED
STATE 10-18-71, 10-27-71, 9-26-74, 6/21/01
B. P. R. APPROVAL 1-21-70 - 6-1-70 - 8-19-70 - 6-12-78

STATE OF MONTANA
STATE HIGHWAY COMMISSION
LAND REQUIRED FOR RIGHT OF WAY
SILVER BOW COUNTY
SCALE 1" = 100' MAP COMPLETED _____

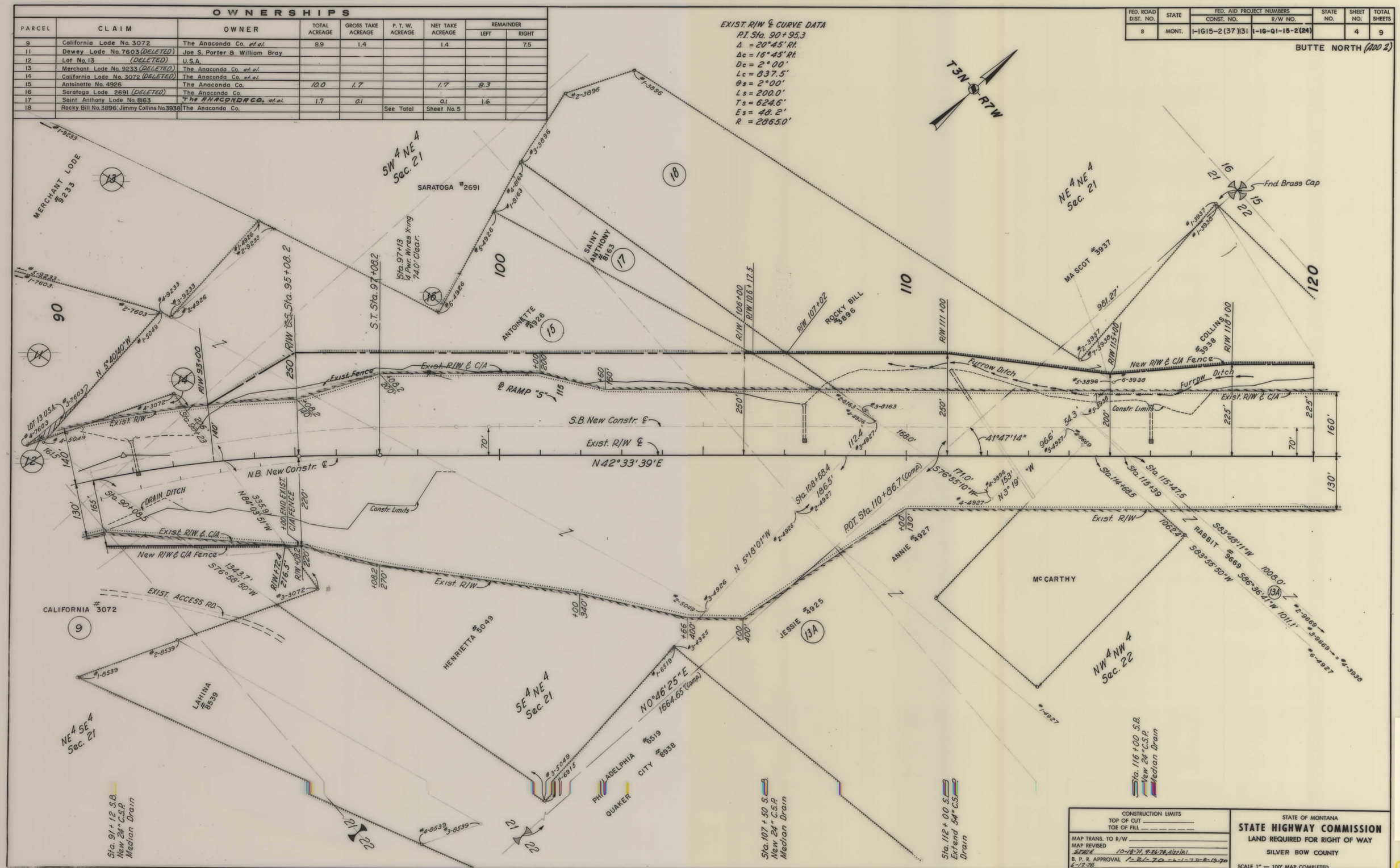
I-IG-QI-15-2(24) SHT 3 OF 9

FED. ROAD DIST. NO.	STATE	FED. AID PROJECT NUMBERS CONST. NO.	R/W NO.	STATE NO.	SHEET NO.	TOTAL SHEETS
8	MONT.	I-IG15-2(37)131	I-IG-Q1-15-2(24)		4	9

BUTTE NORTH (ADD 2)

OWNERSHIPS

PARCEL	CLAIM	OWNER	TOTAL ACREAGE	GROSS TAKE ACREAGE	P. T. W. ACREAGE	NET TAKE ACREAGE	REMAINDER LEFT	REMAINDER RIGHT
9	California Lode No. 3072	The Anaconda Co. et al.	8.9	1.4		1.4		7.5
11	Dewey Lode No. 7603 (DELETED)	Joe S. Porter & William Bray						
12	Lot No. 13 (DELETED)	U.S.A.						
13	Merchant Lode No. 9233 (DELETED)	The Anaconda Co. et al.						
14	California Lode No. 3072 (DELETED)	The Anaconda Co. et al.						
15	Antoinette No. 4926	The Anaconda Co.	10.0	1.7		1.7	8.3	
16	Saratoga Lode 2691 (DELETED)	The Anaconda Co.						
17	Saint Anthony Lode No. 8163	The ANACONDA CO. et al.	1.7	0.1		0.1	1.6	
18	Rocky Bill No. 3896, Jimmy Collins No. 3938	The Anaconda Co.			See Total	Sheet No. 5		



CONSTRUCTION LIMITS	STATE OF MONTANA
TOP OF CUT _____	**STATE HIGHWAY COMMISSION**
TOE OF FILL _____	LAND REQUIRED FOR RIGHT OF WAY
MAP TRANS. TO R/W _____	SILVER BOW COUNTY
MAP REVISED _____	
5-20-72 10-18-71, 9-26-74, 4/22/81	
B. P. R. APPROVAL 1-21-70 6-12-74 10-8-13-70	SCALE 1" = 100' MAP COMPLETED _____

I-IG-Q1-15-2(24) SHT 4 OF 9

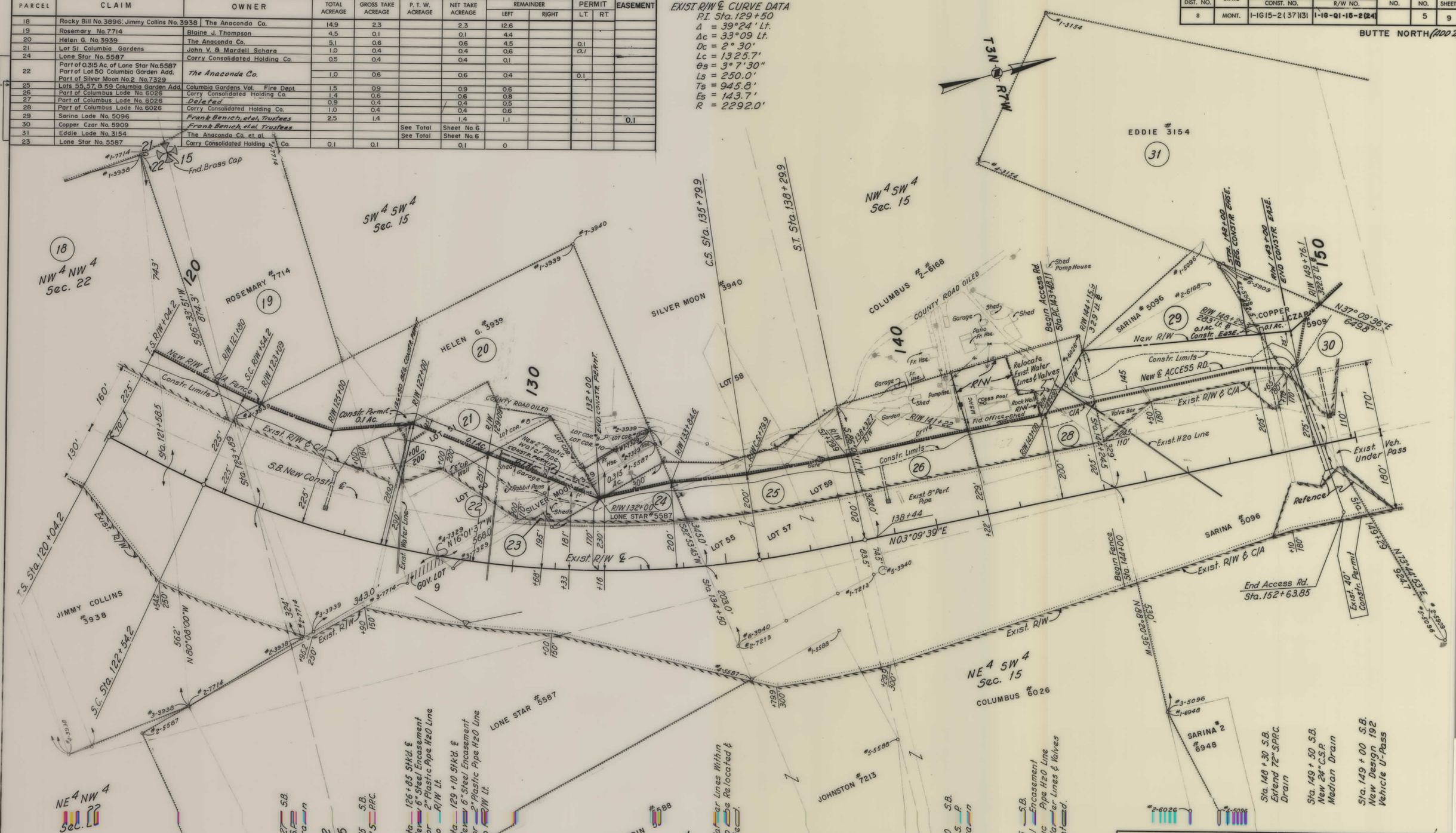
FED. ROAD DIST. NO.	STATE	FED. AID PROJECT NUMBERS CONST. NO.	FED. AID PROJECT NUMBERS R/W NO.	STATE NO.	SHEET NO.	TOTAL SHEETS
8	MONT.	I-IG15-2(37)131	I-IG-QI-15-2(24)		5	9

BUTTE NORTH (ADD 2)

OWNERSHIPS

PARCEL	CLAIM	OWNER	TOTAL ACREAGE	GROSS TAKE ACREAGE	P. T. W. ACREAGE	NET TAKE ACREAGE	REMAINDER LEFT	REMAINDER RIGHT	CONSTR. PERMIT L.T.	CONSTR. PERMIT R.T.	CONSTR. EASEMENT
18	Rocky Bill No. 3896; Jimmy Collins No. 3938	The Anaconda Co.	14.9	2.3		2.3	12.6				
19	Rosemary No. 7714	Blaine J. Thompson	4.5	0.1		0.1	4.4				
20	Helen G. No. 3939	The Anaconda Co.	5.1	0.6		0.6	4.5		0.1		
21	Lot 51 Columbia Gardens	John V. & Mardell Schara	1.0	0.4		0.4	0.6		0.1		
24	Lone Star No. 5587	Corry Consolidated Holding Co.	0.5	0.4		0.4	0.1				
22	Part of 0.315 Ac. of Lone Star No. 5587; Part of Lot 50 Columbia Garden Add.; Part of Silver Moon No. 2 No. 7329	The Anaconda Co.	1.0	0.6		0.6	0.4		0.1		
25	Lots 55, 57, & 59 Columbia Garden Add.	Columbia Gardens Vol. Fire Dept.	1.5	0.9		0.9	0.6				
26	Part of Columbus Lode No. 6026	Corry Consolidated Holding Co.	1.4	0.6		0.6	0.8				
27	Part of Columbus Lode No. 6026	Deleted	0.9	0.4		0.4	0.5				
28	Part of Columbus Lode No. 6026	Corry Consolidated Holding Co.	1.0	0.4		0.4	0.6				
29	Sarina Lode No. 5096	Frank Benich, et al, Trustees	2.5	1.4		1.4	1.1				0.1
30	Copper Czar No. 5909	Frank Benich, et al, Trustees			See Total	Sheet No. 6					
31	Eddie Lode No. 3154	The Anaconda Co. et. al.			See Total	Sheet No. 6					
23	Lone Star No. 5587	Corry Consolidated Holding Co.	0.1	0.1		0.1	0				

EXIST. R/W & CURVE DATA
P.I. Sta. 129+50
Δ = 39°24' Lt.
Δc = 33°09 Lt.
Dc = 2° 30'
Lc = 1325.7'
θs = 3° 7' 30"
Ls = 250.0'
Ts = 945.8'
Es = 143.7'
R = 2292.0'



CONSTRUCTION LIMITS
TOP OF CUT _____
TOE OF FILL _____

MAP TRANS. TO R/W _____
MAP REVISED 4-22-81, 10-1-81
STATE (0-1) 8-71, 7-26-74, 12-2-80, 12-14-90

STATE OF MONTANA
STATE HIGHWAY COMMISSION
LAND REQUIRED FOR RIGHT OF WAY
SILVER BOW COUNTY

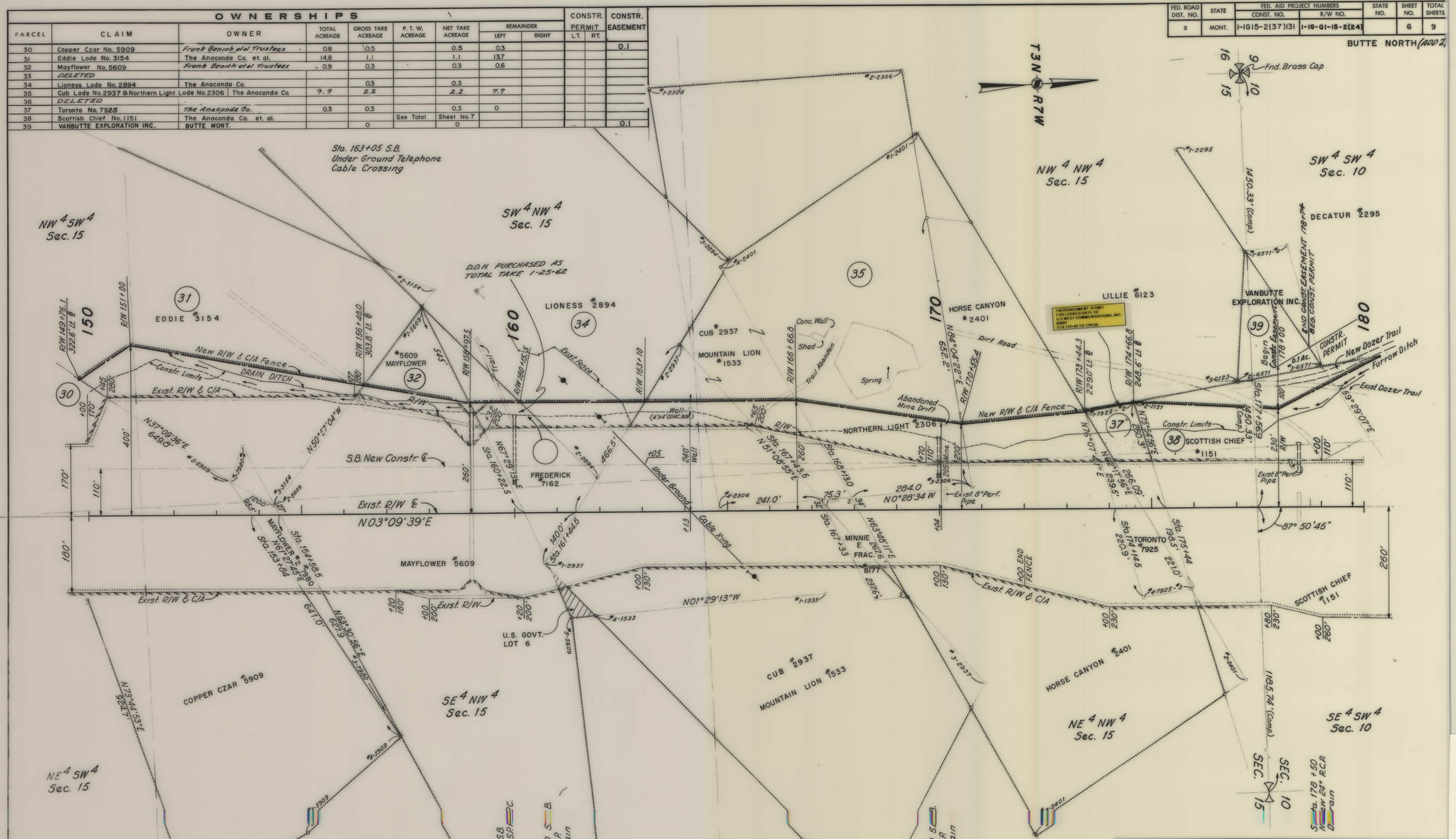
I-IG-QI-15-2(24) HT 5 OF 9

FED. ROAD DIST. NO.	STATE	FED. AID PROJECT NUMBERS CONST. NO.	R/W NO.	STATE NO.	SHEET NO.	TOTAL SHEETS
8	MONT.	I-IG15-2(37)131	I-IG-QI-15-2(24)		6	9

BUTTE NORTH (ADD 2)

OWNERSHIPS

PARCEL	CLAIM	OWNER	TOTAL ACREAGE	GROSS TAKE ACREAGE	P. T. W. ACREAGE	NET TAKE ACREAGE	REMAINDER LEFT	REMAINDER RIGHT	CONSTR. PERMIT L.T.	CONSTR. PERMIT R.T.	CONSTR. EASEMENT
30	Copper Czar No. 5909	Frank Benich et al Trustees	0.8	0.5		0.5	0.3				0.1
31	Eddie Lode No. 3154	The Anaconda Co. et. al.	14.8	1.1		1.1	13.7				
32	Mayflower No. 5609	Frank Benich et al Trustees	0.9	0.3		0.3	0.6				
33	DELETED										
34	Lioness Lode No. 2894	The Anaconda Co.		0.3		0.3					
35	Cub Lode No. 2937 & Northern Light Lode No. 2306	The Anaconda Co.	9.9	2.2		2.2	7.7				
36	DELETED										
37	Toronto No. 7925	The Anaconda Co.	0.3	0.3		0.3	0				
38	Scottish Chief No. 1151	The Anaconda Co. et. al.			See Total	Sheet No. 7					
39	VANBUTTE EXPLORATION INC.	BUTTE MONT.		0		0					0.1



CONSTRUCTION LIMITS	
TOP OF CUT	
TOE OF FILL	
MAP TRANS. TO R/W	
MAP REVISED	12-2-80, 4-22-81, 10-8-81
STATE	10-18-71, 10-27-71, 9-26-74
B. P. R. APPROVAL	1-21-70 - 6-1-70
	8-19-70, 2-23-71

STATE OF MONTANA

STATE HIGHWAY COMMISSION

LAND REQUIRED FOR RIGHT OF WAY

SILVER BOW COUNTY

SCALE 1" = 100' MAP COMPLETED

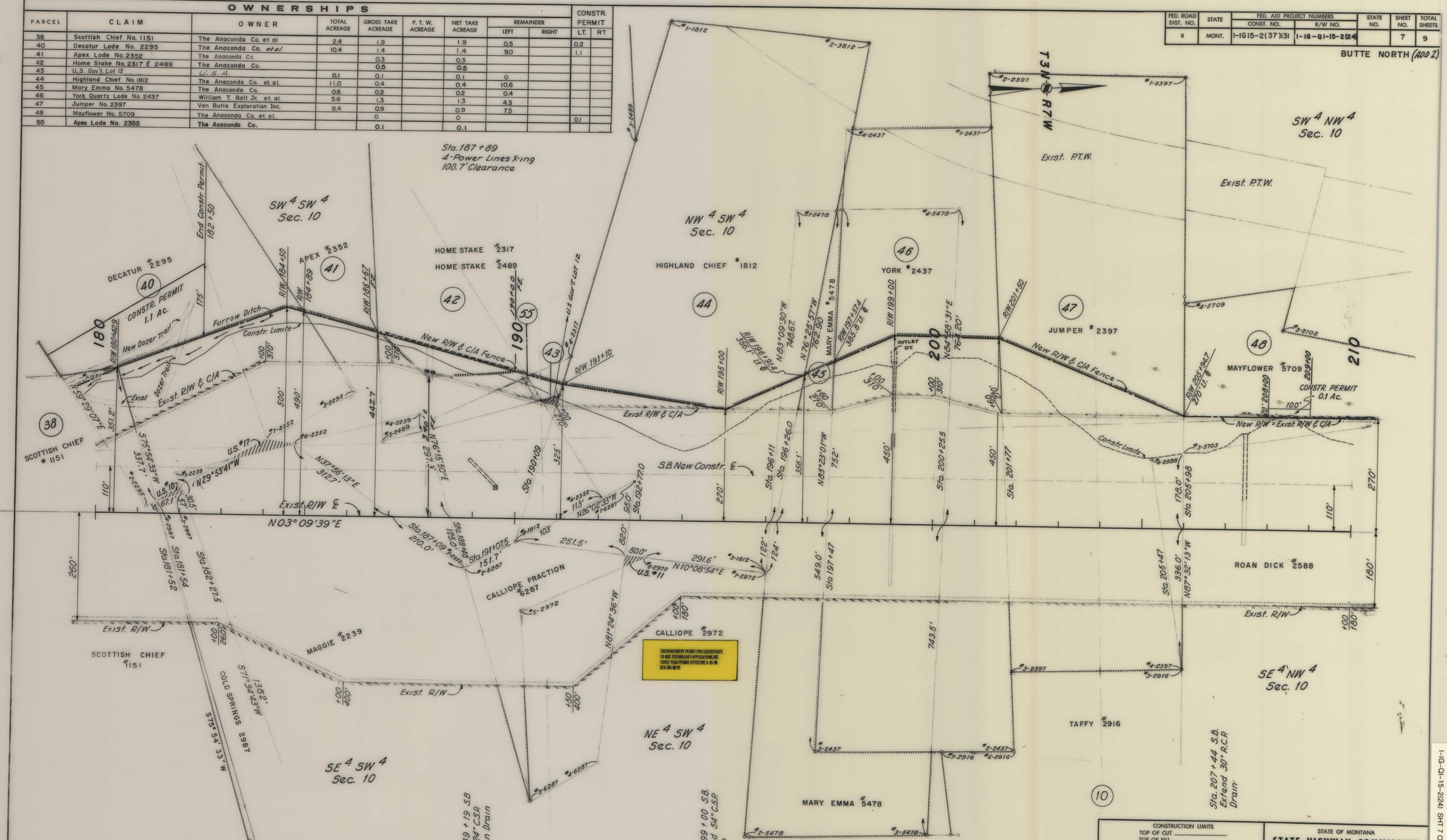
I-IG-QI-15-2(24) SHEET 6 OF 9

FED. ROAD DIST. NO.	STATE	FED. AID PROJECT NUMBERS CONST. NO.	FED. AID PROJECT NUMBERS R/W NO.	STATE NO.	SHEET NO.	TOTAL SHEETS
8	MONT.	I-IG15-2(37)131	I-IG-Q1-15-2(24)		7	9

BUTTE NORTH (ADD 2)

OWNERSHIPS

PARCEL	CLAIM	OWNER	TOTAL ACREAGE	GROSS TAKE ACREAGE	P. T. W. ACREAGE	NET TAKE ACREAGE	REMAINDER LEFT	REMAINDER RIGHT	CONSTR. PERMIT L.T.	CONSTR. PERMIT R.T.
38	Scottish Chief No. 1151	The Anaconda Co. et al	2.4	1.9		1.9	0.5		0.2	
40	Decatur Lode No. 2295	The Anaconda Co. et al	10.4	1.4		1.4	9.0		1.1	
41	Apex Lode No. 2352	The Anaconda Co.		0.3		0.3				
42	Home Stake No. 2317 & 2489	The Anaconda Co.		0.5		0.5				
43	U.S. Gov't. Lot 12	U. S. A.	0.1	0.1		0.1	0			
44	Highland Chief No. 1812	The Anaconda Co. et al.	11.0	0.4		0.4	10.6			
45	Mary Emma No. 5478	The Anaconda Co.	0.6	0.2		0.2	0.4			
46	York Quartz Lode No. 2437	William T. Ball Jr. et. al.	5.6	1.3		1.3	4.3			
47	Jumper No. 2397	Van Butte Exploration Inc.	8.4	0.9		0.9	7.5			
48	Mayflower No. 5709	The Anaconda Co. et. al.		0		0			0.1	
55	Apex Lode No. 2352	The Anaconda Co.		0.1		0.1				



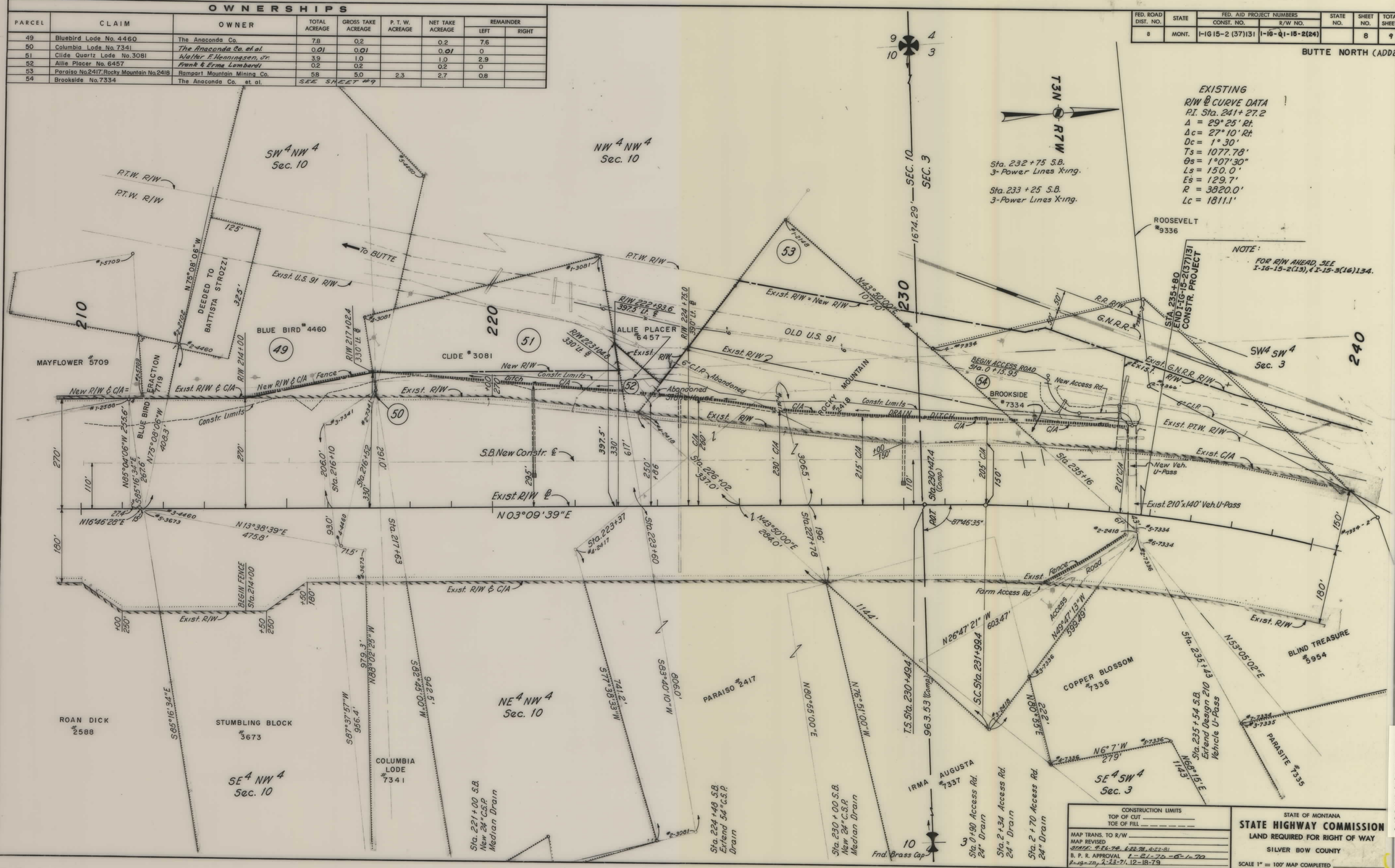
I-IG-Q1-15-2(24) SHT 7 OF 9

FED. ROAD DIST. NO.	STATE	FED. AID PROJECT NUMBERS CONST. NO.	FED. AID PROJECT NUMBERS R/W NO.	STATE NO.	SHEET NO.	TOTAL SHEETS
8	MONT.	I-IG 15-2 (37)131	I-IG-QI-15-2(24)		8	9

BUTTE NORTH (ADD2)

OWNERSHIPS

PARCEL	CLAIM	OWNER	TOTAL ACREAGE	GROSS TAKE ACREAGE	P. T. W. ACREAGE	NET TAKE ACREAGE	REMAINDER LEFT	REMAINDER RIGHT
49	Bluebird Lode No. 4460	The Anaconda Co.	7.8	0.2		0.2	7.6	
50	Columbia Lode No. 7341	The Anaconda Co. et al	0.01	0.01		0.01	0	
51	Clide Quartz Lode No. 3081	Walter F. Henningsen, Jr.	3.9	1.0		1.0	2.9	
52	Allie Placer No. 6457	Frank & Erma Lombardi	0.2	0.2		0.2	0	
53	Paraiso No. 2417; Rocky Mountain No. 2418	Rampart Mountain Mining Co.	5.8	5.0	2.3	2.7	0.8	
54	Brookside No. 7334	The Anaconda Co. et. al.	SEE SHEET #9					



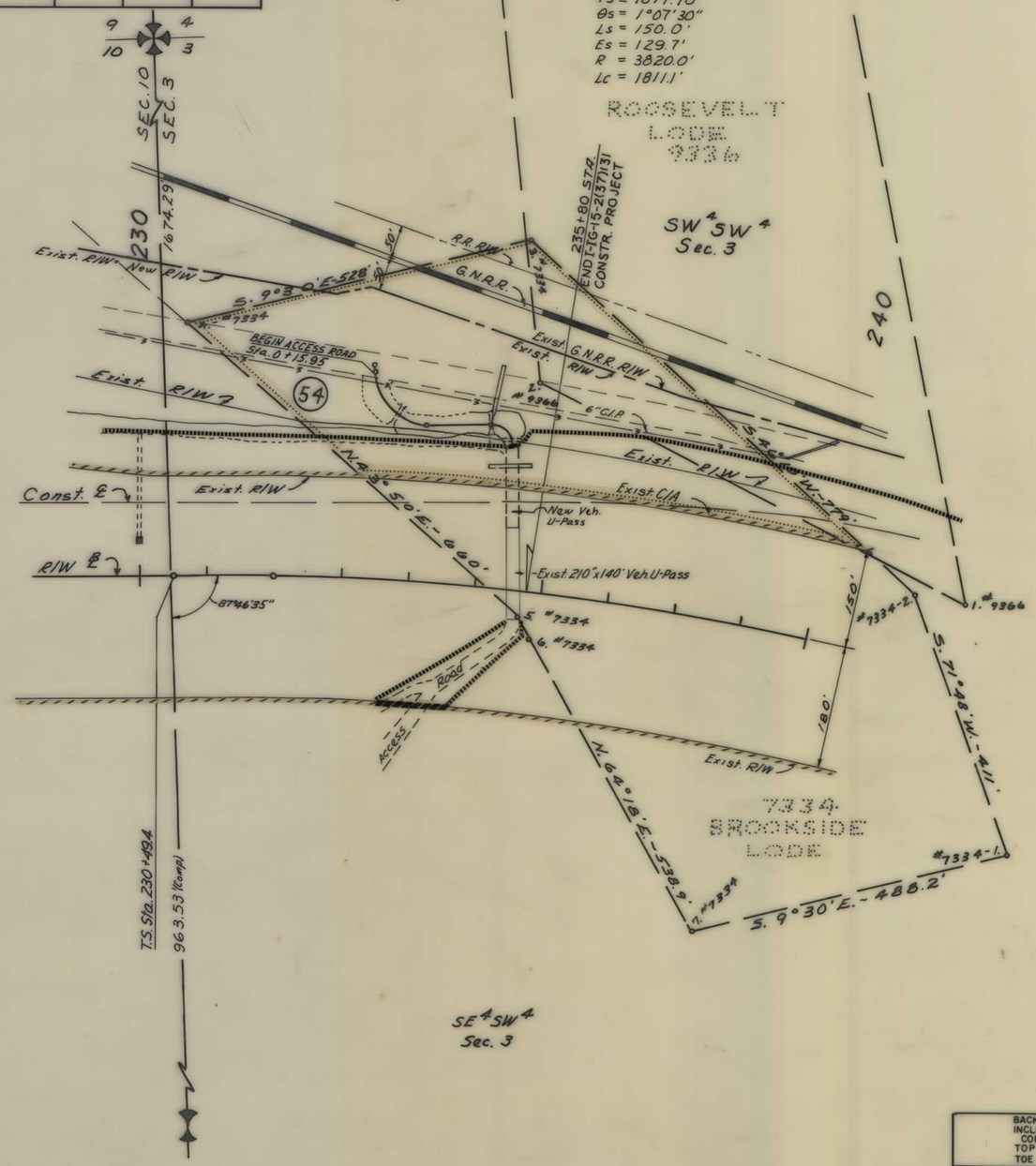
I-IG-QI-15-2(24) SHT 8 OF 9

STATE	PROJECT NUMBER	SHEET NO.	
MONT.	I-IG-Q1-15-2(24)	9	9

BUTTE NORTH (ADD 2)

OWNERSHIPS

PARCEL	NAME	ADDRESS	TOTAL AREA	GROSS R/W AREA	P.T.W. AREA	AREA TO BE ACQUIRED	REMAINDER LEFT	REMAINDER RIGHT	CONST. PERM. AREA	EASEMENT AREA
54.	ANACONDA CO. ET. AL.			3.87AC.	2.77AC.	1.10AC.				



BACKSLOPE LIMITS
INCLUDE ROUNDING
CONSTRUCTION LIMITS
TOP OF CUT
TOE OF FILL

MAP TRANS. TO R/W
MAP REVISED
STATE APPROVED 4-22-81
B.P.R. APPROVAL

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
LAND REQUIRED FOR RIGHT OF WAY
SILVER BOW COUNTY
SCALE 1" = 100' MAP COMPLETED

I IG Q1 15-2(24) SHT 9 OF 9