

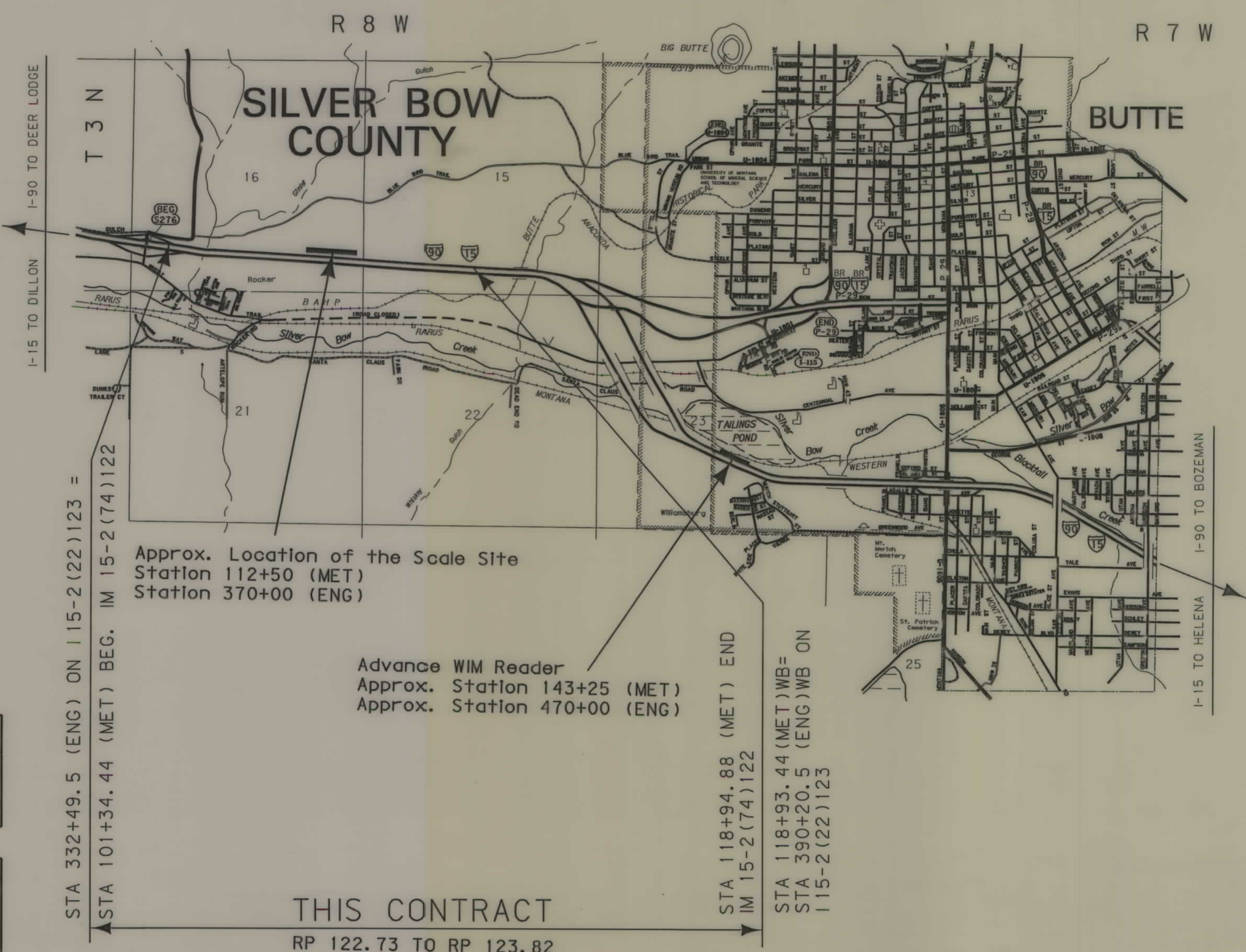
**PLANS
NOT
TO
SCALE**

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	IM 15-2(84)122	1	8
PROJECT NUMBER 4197-084			
ROCKER SCALE SITE			

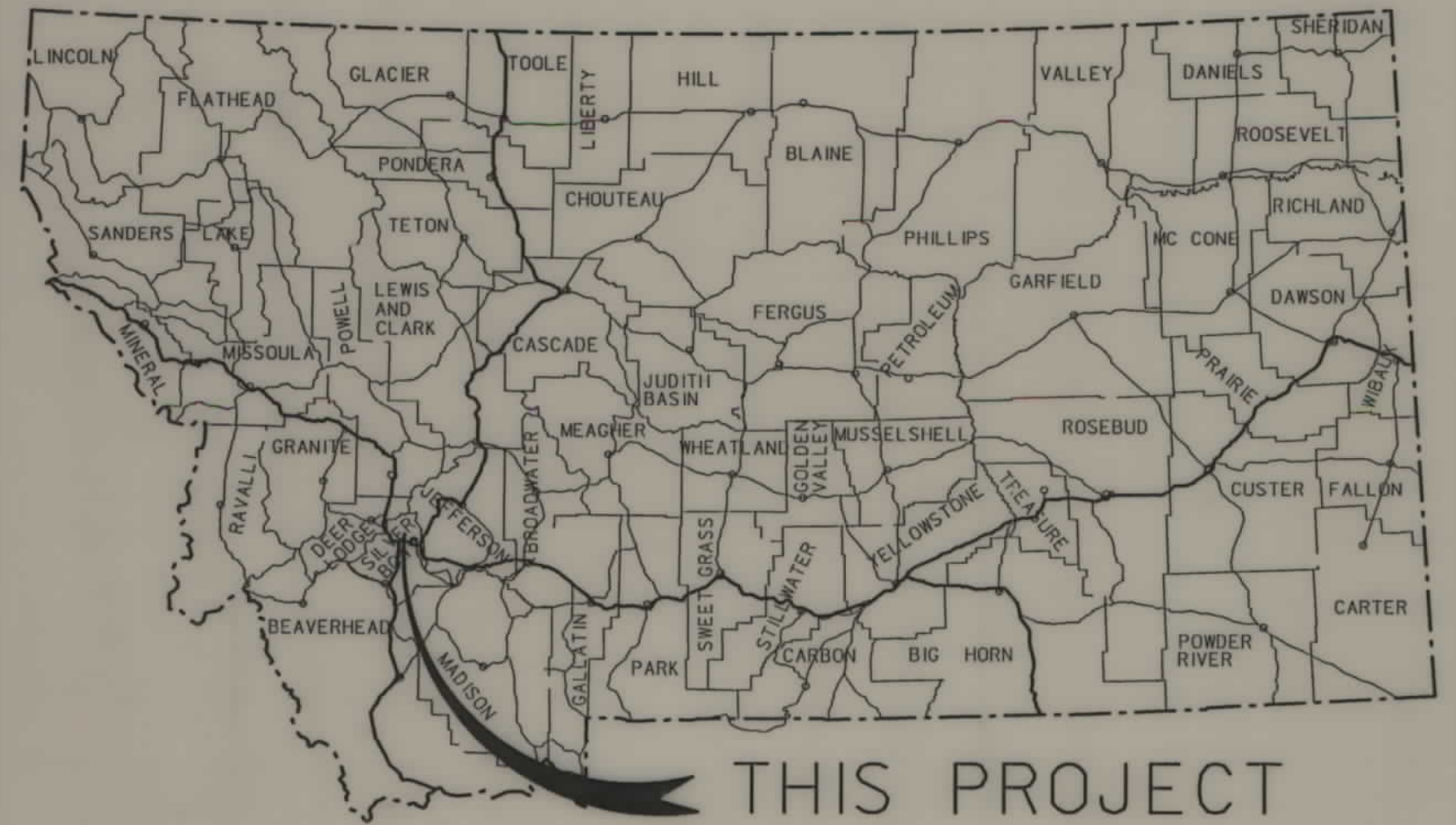
MONTANA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN OF FEDERAL AID PROJECT IM 15-2(84)122 ROCKER SCALE SITE SILVER BOW COUNTY

1.7 Kilometers



SEE SHEET NO. 2 FOR OWNERSHIP
NAMES, ADDRESSES, AREAS, ETC.



CONVENTIONAL SIGNS

- PROPOSED RIGHT OF WAY LINE
- EXISTING RIGHT OF WAY LINE
- RAILROAD RIGHT OF WAY LINE
- RIGHT OF WAY BASELINE
- STK'D CENTERLINE
- SECTION LINE
- OWNERSHIP BOUNDARY
- FULL ACCESS CONTROL
- LIMITED ACCESS CONTROL
- EXISTING ACCESS CONTROL
- PRESENT TRAVELED WAY (P.T.W.)
- FENCE LINE
- EXISTING GUARDRAIL
- PROPOSED GUARDRAIL
- GATE IN FENCE
- CATTLE GUARD: EXIST. - PROPOSED
- SECTION CORNER
- 1/4 SECTION CORNER
- CLOSING CORNER
- MEANDER CORNER
- CENTER OF SECTION
- RIGHT OF WAY MONUMENT
- PROPERTY CORNER PIN
- POWER POLE IN PLACE
- TELEPHONE POLE IN PLACE
- TELEGRAPH POLE IN PLACE
- LIGHT POLE
- PROPOSED CULVERT
- EXISTING CULVERT
- OUTLET DITCH
- INLET DITCH
- EXISTING DITCH
- CHANNEL CHANGES
- DITCH BLOCK
- RIPRAP
- BRIDGES
- RAILROADS
- PARCEL NUMBERS
- APPROACH: EXIST.- PROPOSED

ASSOCIATED PROJECT ID.
PE IM 15-2(73)122
CO IM 15-2(74)122

RELATED PROJECTS

FHWAMDT APPROVAL	12-23-02
MAP REVISED	

RDROW

MONTANA
CADD

3
2
1

IM 15-2(84)122 SHT 1 of 8

NOTES: 1. ALL MEASUREMENTS ARE METRIC EXCEPT AS NOTED

OWNERSHIP																			
PARCEL	NAME	ADDRESS	TOTAL	AREA	GROSS R/W AREA		EX. EASE. AREA		NET AREA		REMAINDER				CONST. PMT. AREA		EASE. AREA		SHEET NO.
			METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	LEFT		RIGHT		METRIC	ENGLISH	METRIC	ENGLISH	
											METRIC	ENGLISH	METRIC	ENGLISH					
1	WEST BUTTE LAND & DEVELOPMENT	3655 HARRISON AVE., BUTTE, MT 59701-2534			OWNER	NOTIFICATION ONLY													6
2	MONTANA MINING PROPERTIES, INC., A MONTANA CORPORATION	PO BOX 605, BUTTE, MT 59703-0605			OWNER	NOTIFICATION ONLY													6
3	RUSSELL G. RINTALA	c/o FRANCIS LYONS, 849 COYOTE LANE, BUTTE, MT 59701			OWNER	NOTIFICATION ONLY													6
4	MONIDAH TRUST, A CORPORATION	c/o CLIFFORD A. EGAN, 3098 CITRUS CIRCLE STE 284, WALNUT CA 94598-2665	4.794 ha	11.85 AC	0.302 ha	0.75 AC			0.302 ha	0.75 AC	4.492 ha	11.09 AC							6, 7
5	BLUE BIRD COMPANY, A CORPORATION	PO BOX 372, WEST FALMOUTH, MA 02574-0372			OWNER	NOTIFICATION ONLY													
6	CITY AND COUNTY OF BUTTE-SILVER BOW	155 WEST GRANITE, BUTTE, MT 59701	4.931 ha	12.19 AC	2.239 ha	5.53 AC			2.239 ha	5.53 AC	2.692 ha	6.65 AC							7, 8
7	HIGHLAND CONSERVANCY, L.L.C.	5 HOLLY LANE, BUTTE, MT 59701-4380	1.450 ha	3.58 AC	0.012 ha	0.03 AC			0.012 ha	0.03 AC	1.438 ha	3.55 AC							8
8	MONIDAH TRUST, A CORPORATION	c/o LARGEY ESTATE, PO BOX 931, POLSON MT	8.071 ha	19.94 AC	0.853 ha	2.11 AC			0.853 ha	2.11 AC	7.218 ha	17.84 AC							8
		59868-0931																	
9	ARCO ENVIRONMENTAL REMEDIATION, L.L.C., ETAL	307 EAST PARK STREET, ANACONDA, MT 59711	5.830 ha	14.41 AC	0.224 ha	0.55 AC			0.224 ha	0.55 AC	5.606 ha	13.85 AC							8
10	BLUE BIRD COMPANY, A CORPORATION	PO BOX 372, WEST FALMOUTH, MA 02574-0372			OWNER	NOTIFICATION ONLY													7
5 & 10	COMBINATION PARCEL				OWNER	NOTIFICATION ONLY													
11	MONTANA MINING PROPERTIES, INC., A MONTANA CORPORATION	PO BOX 605, BUTTE, MT 59703-0605	0.166 ha	0.41 AC	0.166 ha	0.41 AC			0.166 ha	0.41 AC									7, 8
12	ARCO ENVIRONMENTAL REMEDIATION, L.L.C.	PO BOX 605, BUTTE, MT 59703-0605	2.987 ha	7.38 AC	0.134 ha	0.33 AC			0.134 ha	0.33 AC									8
13	MONTANA MINING PROPERTIES, INC., A MONTANA CORPORATION	PO BOX 605, BUTTE, MT 59703-0605	0.170 ha	0.42 AC	0.048 ha	0.12 AC			0.048 ha	0.12 AC	0.122 ha	0.30 AC							6, 7
14	MONTANA MINING PROPERTIES, INC., A MONTANA CORPORATION	PO BOX 605, BUTTE, MT 59703-0605	0.340 ha	0.84 AC	0.177 ha	0.44 AC			0.177 ha	0.44 AC	0.164 ha	0.40 AC							8
2, 11, 13 & 14	COMBINATION PARCEL		0.676 ha	1.67 AC	0.391 ha	0.97 AC			0.391 ha	0.97 AC	0.286 ha	0.70 AC							

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	IM 15-2(84)122	2	8
PROJECT NUMBER 4197-084			

ROCKER SCALE SITE

- NOTES: 1. ALL MEASUREMENTS ARE METRIC EXCEPT AS NOTED
2. THE PROPOSED R/W LINE WHERE A SPIRAL CURVE TRANSITION IS USED IS A CHORD RATHER THAN A CONCENTRIC CURVE.
3. THE ENGLISH AREAS ARE FOR INFORMATIONAL PURPOSES ONLY.
4. ALL STATIONS AND OFFSETS FOR R/W BREAKS ARE IN REFERENCE TO THE R/W BASELINE.

BACKSLOPE LIMITS INCLUDE ROUNDING			
CONSTRUCTION LIMITS: CUT SECTION TOE OF FILL			
FHWA/DOT APPROVAL 12-23-02			
MAP REVISED 5-9-03 5-20-03 7-23-03			
9-5-03 11-6-03			

MONTANA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
SILVER BOW COUNTY
SCALE 1"=1000

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50M

100M

ENTRANCO
WWW.ENTRANCO.COM

RDRW

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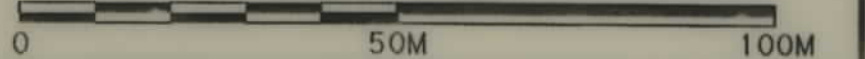
R/W BREAK COORDINATES: 4197ROBRKZ01.XYZ
R/W BASELINE COORDINATES: 4197ROBASZ01.XYZ
ALL FILES ARE LOCATED ON THE CADD SERVER
IN THE RO DIRECTORY, UNDER PROJECT: 4197

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BACKSLOPE LIMITS INCLUDE ROUNDING	TOP OF CUT
CONSTRUCTION LIMITS:	
CUT SECTION	DITCH BOTTOM
TOE OF FILL	
FHWA/DOT APPROVAL 12-23-02	
MAP REVISED	

MONTANA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
SILVER BOW COUNTY
SCALE 1:1000



CONTROL DIAGRAM

SEE SHEET NO. 2 FOR OWNERSHIP NAMES, ADDRESSES, AREAS, ETC.

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	IM 15-2(84)122	5	8
PROJECT NUMBER 4197-084			
ROCKER SCALE SITE			

CONTROL ABSTRACT				
POINT NUMBER	NORTHING	EASTING	POINT ELEVATION	LOCATION DESCRIPTION
122A	199902.9136	359844.5979	1665.871	51mm ALUMINUM CAP AT MP 122.82, SOUTH OF THE EASTBOUND LANE OF TOP OF A SMALL CUT. RIGHT-OF-WAY FENCE IS 8.74m SOUTH; POWER POLE IS 40.3m SOUTHWEST ACROSS RIGHT-OF-WAY FENCE; WITNESS POST IS 1.07m SOUTH.
122Y	200026.7388	359521.9986	1653.386	51mm ALUMINUM CAP AT MP 122.62, NORTH OF RIGHT-OF-WAY FENCE OF WESTBOUND LANE, SOUTH OF SHARP BEND IN FRONTAGE ROAD. RIGHT-OF-WAY FENCE CORNER IS 4.63m SOUTHWEST; WOODEN POWER POLE IS 21.14m NORTHEAST; WITNESS POST IS 1.07m SOUTH.
122Z	199962.6698	360073.3266	1670.889	51mm ALUMINUM CAP AT MP 122.96, NORTH OF WESTBOUND LANES. RIGHT-OF-WAY FENCE IS 1.27m NORTH; WEIGH STATION SIGN NORTH LEG IS 26.1m WESTERLY; POWER POLE IS 26.4m WESTERLY; WITNESS POST IS 1.09m NORTH.
123A	199840.5714	360475.2313	1699.708	51mm ALUMINUM CAP AT MP 123.22, SOUTH OF EASTBOUND LANES NEAR THE TOP OF A RISE. RIGHT-OF-WAY FENCE IS 3.13m SOUTH; TOP OF CUT IS 2.63m NORTH; WITNESS POST IS 1.09m SOUTH.
123B	199780.0029	361092.0101	1708.599	51mm ALUMINUM CAP ON A 5/8"X30" REBAR AT MP 123.60, SOUTH OF EASTBOUND LANES, NEAR THE TOP OF A RISE. RIGHT-OF-WAY FENCE IS 1.81m SOUTH; TOP OF CUT IS 1.60m NORTH; WITNESS POST IS 0.78m SOUTH.
123Y	199952.5516	360642.7735	1704.409	51mm ALUMINUM CAP ON A 5/8"X30" REBAR AT mp 123.31, NORTH OF WESTBOUND LANES NEAR THE TOP OF A RISE. RIGHT-OF-WAY FENCE IS 41.3m SOUTH; WITNESS POST IS 0.87m SOUTH.
123Z	199863.8877	360994.6324	1696.382	51mm ALUMINUM CAP AT MP 123.54, NORTH OF WESTBOUND LANES, NEAR THE LEVEL OF THE ROAD AT THE WEST END OF A CUT. RIGHT-OF-WAY FENCE IS 14.64m NORTH; GUARD RAIL IS 8.9 m SOUTH; NORTH LEG OF WEIGH STATION SIGN IS 17.45m SW; WITNESS POST IS 1.09m NORTH.
K449	199727.7705	361558.4901	1705.425	BENCH MARK DISK SET IN ROCK BY NGS IN 1979 AT mp 123.89, SOUTH OF EASTBOUND LANES. SEE NGS DATA SHEET FOR SPECIFICS.
L449	199832.8518	360638.9037	1693.992	BENCH MARK DISK SET IN ROCK BY NGS IN 1979 AT MP 123.32, SOUTH OF EASTBOUND LANES. SEE NGS DATA SHEET FOR SPECIFICS.
M449	199899.1711	359927.5225	1667.224	BANCH MARK DISK SET IN ROCK BY NGS IN 1979 AT MP 122.87, SOUTH OF EASTBOUND LANES. SEE NGS DATA SHEET FOR SPECIFICS.
BUTTE	195419.2643	366275.4389	1679.620	HORIZONTAL CONTROL DISK SET IN TOP OF CONCRETE MONUMENT IN 1987 BY NGS. SEE NGS DATA SHEET FOR SPECIFICS.
MELROS	159410.6244	351730.8465	1584.236	TRIANGULATION STATION DISK SET IN TOP OF CONCRETE MONUMENT IN 1956 BY COAST AND GEODETIC SURVEY. SEE NGS DATA SHEET FOR SPECIFICS.
WARM S	220270.5239	346374.6500	1468.278	TRIANGULATION STATION DISK SET IN TOP OF CONCRETE MONUMENT IN 1956 BY COAST AND GEODETIC SURVEY. SEE NGS DATA SHEET FOR SPECIFICS.

NOTE:
THIS PROJECT WAS SURVEYED UTILIZING THE GLOBAL POSITIONING SYSTEM (GPS). ALL COORDINATES ARE METRIC STATE PLANE NAD 83-1992. ALL SURVEY AND STAKING WILL REQUIRE THE USE OF A COMBINATION SCALE FACTOR (CSF). THE CSF FOR THIS PROJECT IS 0.99928318. ALL DIMENSIONS ON THE PLANS ARE GRID DIMENSIONS AND MUST BE DIVIDED BY THE CSF TO ARRIVE AT GROUND DIMENSIONS.



122Y
△

122Z
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122A
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M449
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123Y
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123A
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L449
△

123Z
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123B
△

△
K449

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BACKSLOPE LIMITS INCLUDE ROUNDING	TOP OF CUT
CONSTRUCTION LIMITS:	CUT SECTION
	TOE OF FILL
FHWA/DOT APPROVAL	12-23-02
MAP REVISED	

MONTANA
DEPARTMENT OF TRANSPORTATION

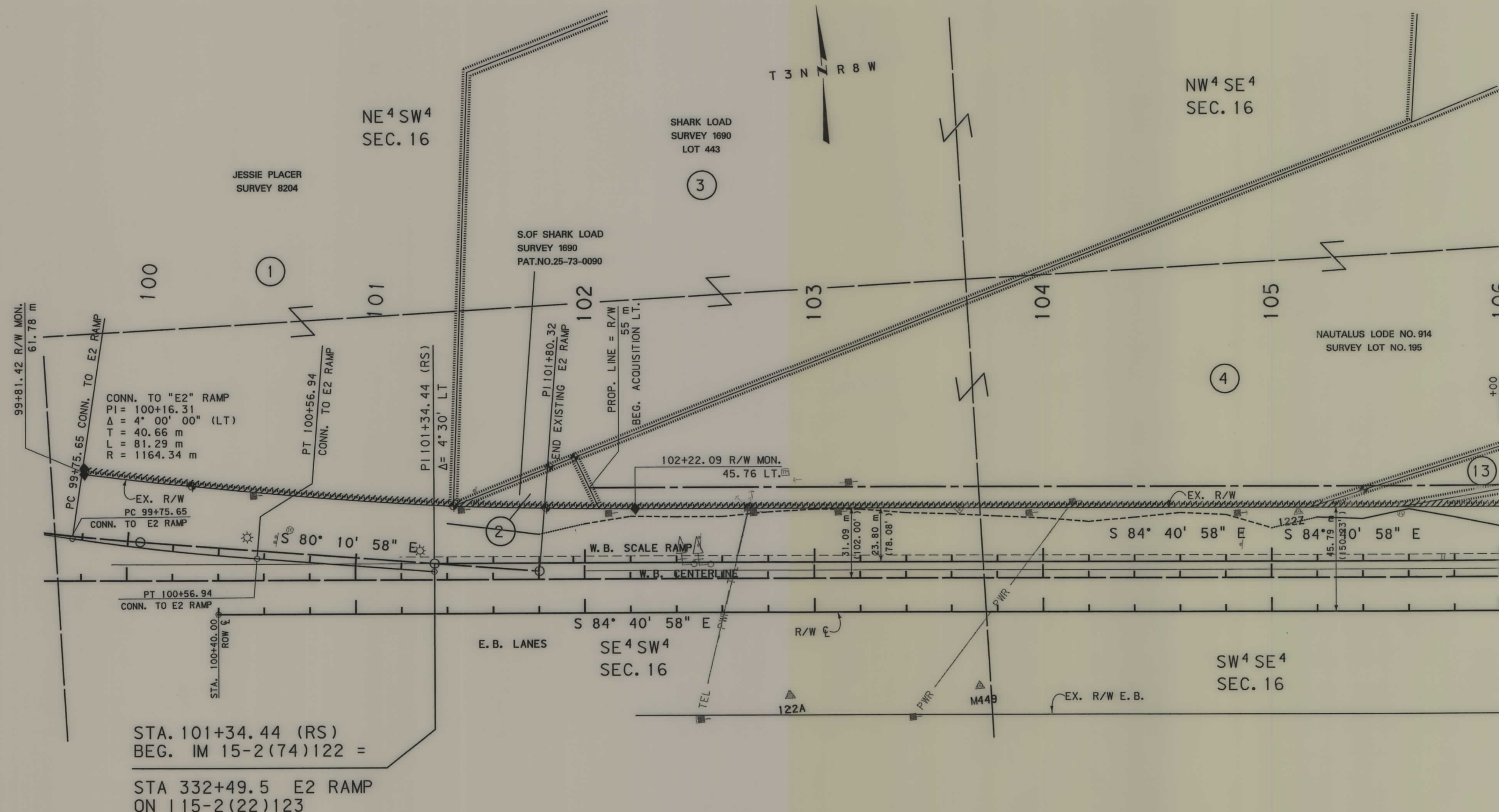
RIGHT OF WAY PLAN
SILVER BOW COUNTY

SCALE 1:1000

0 50M 100M

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	IM 15-2(84)122	6	8
PROJECT NUMBER 4197-084			
ROCKER SCALE SITE			

SEE SHEET NO. 2 FOR OWNERSHIP NAMES, ADDRESSES, AREAS, ETC.



GRID STATE PLANE COORDINATES

THIS IS A STATE PLANE COORDINATE PROJECT.
ALL DIMENSIONS, DISTANCES AND AREAS ON THIS
PROJECT ARE GRID, EXCEPT FOR THE EXISTING
R/W WIDTH DIMENSION, WHICH IS RECORD. THE
COMBINATION SCALE FACTOR IS 0.99928318

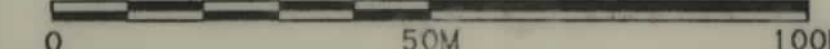
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	CUT SECTION TOE OF FILL
FHWA/DOT APPROVAL	12-23-02
MAP REVISED	5-20-03 7-23-03 11-6-03

MONTANA
DEPARTMENT OF TRANSPORTATION

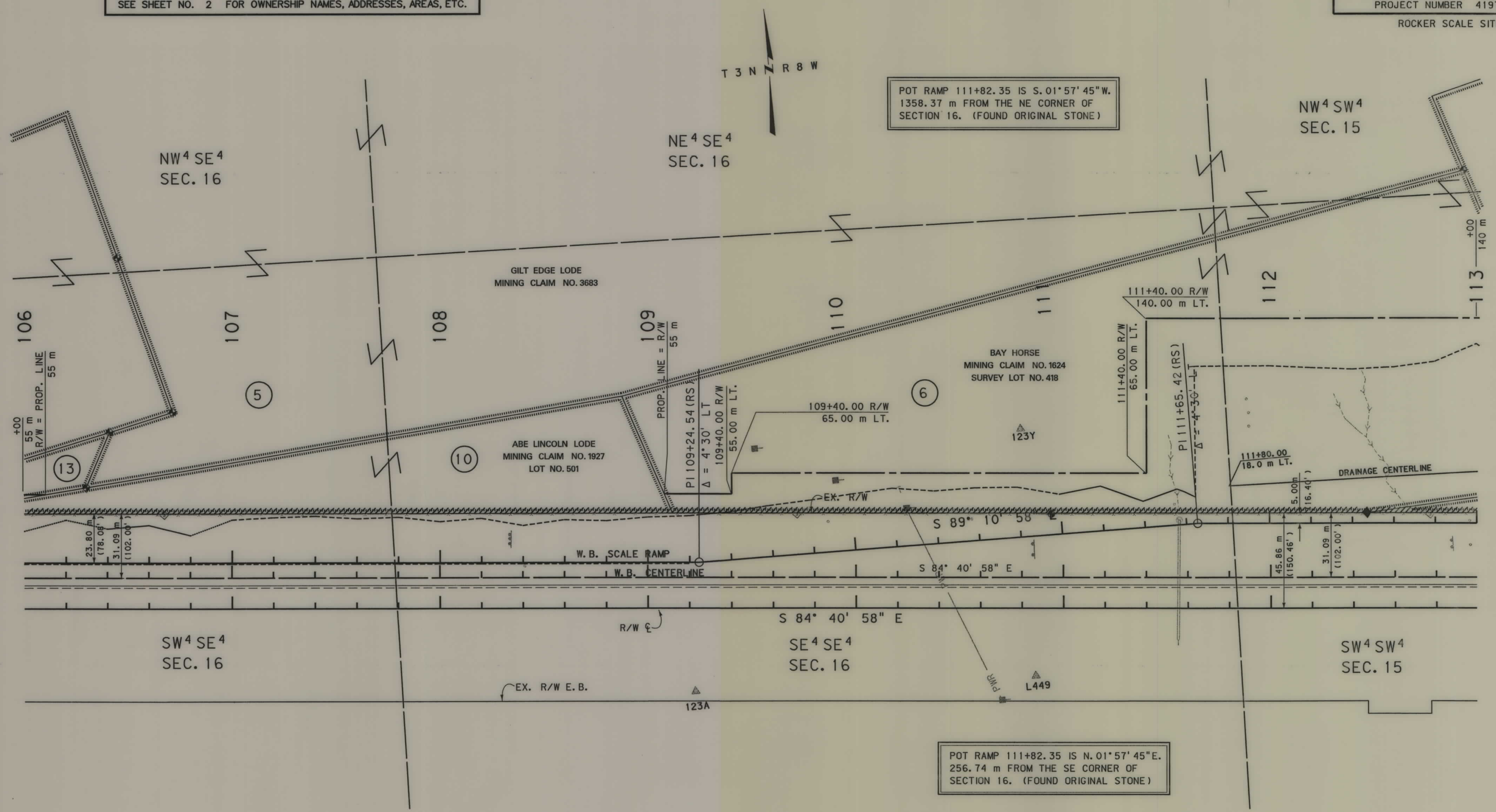
RIGHT OF WAY PLAN
SILVER BOW COUNTY

SCALE 1"=1000'



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MONTANA	IM 15-2(84)122	7	8
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	DITCH BOTTOM
FHWA/DOT APPROVAL	12-23-02
MAP REVISED	5-20-03 6-13-03 11-6-03

MONTANA
DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY PLAN
SILVER BOW COUNTY
SCALE 1"=1000'

0 50M 100M

