

PLANS
NOT
TO
SCALE

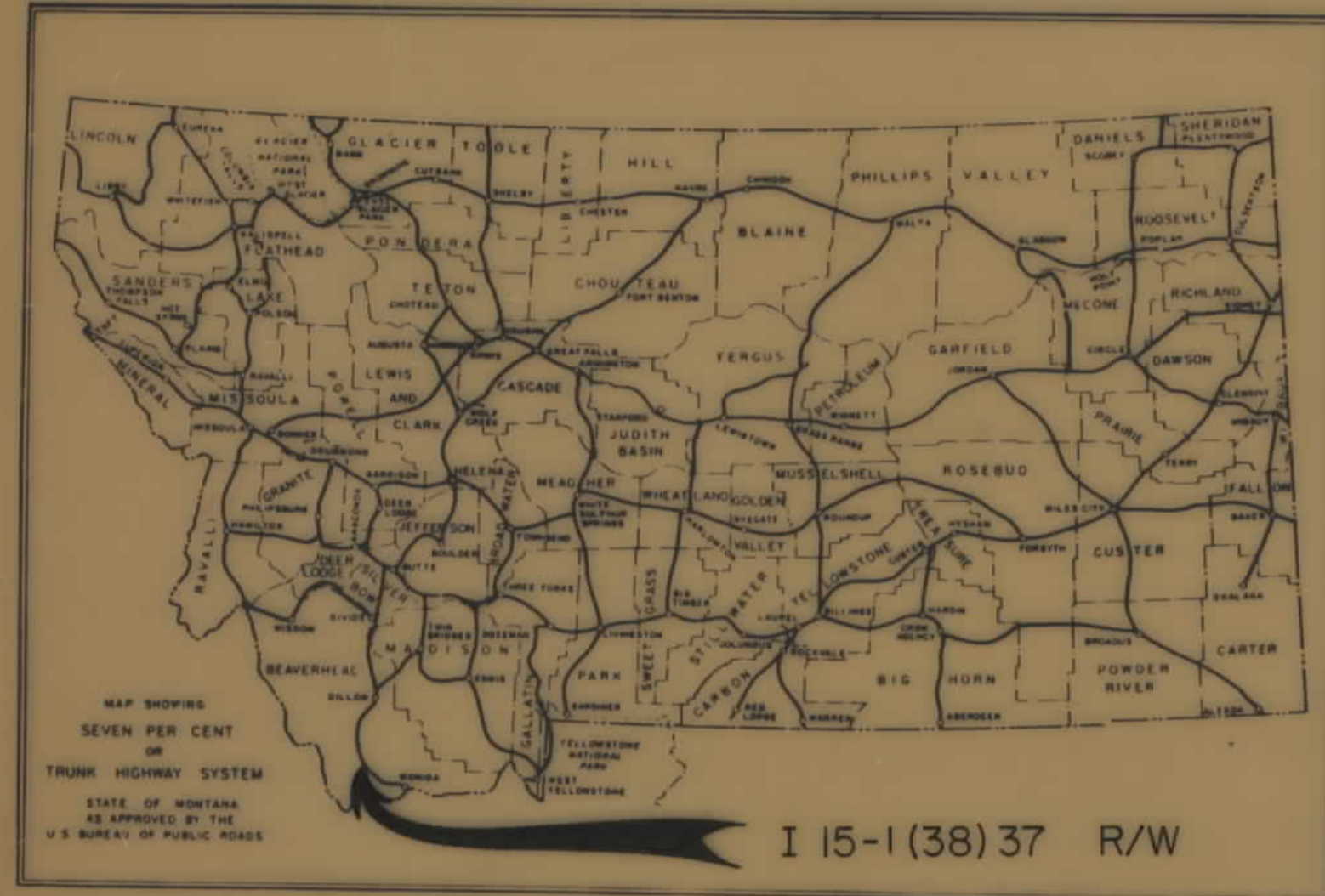
STATE OF MONTANA

DEPARTMENT OF HIGHWAYS

FED. ROAD DIST. NO.	STATE OF	FED. AID PROJECT NUMBERS		STATE NO.	SHEET NO.	TOTAL SHEETS
		CONST. NO.	R/W NO.			
8	MONTANA	I-15-1 (51) 37	I-15-1 (38) 37	8151-38	1	18

ARMSTEAD NORTH & SOUTH

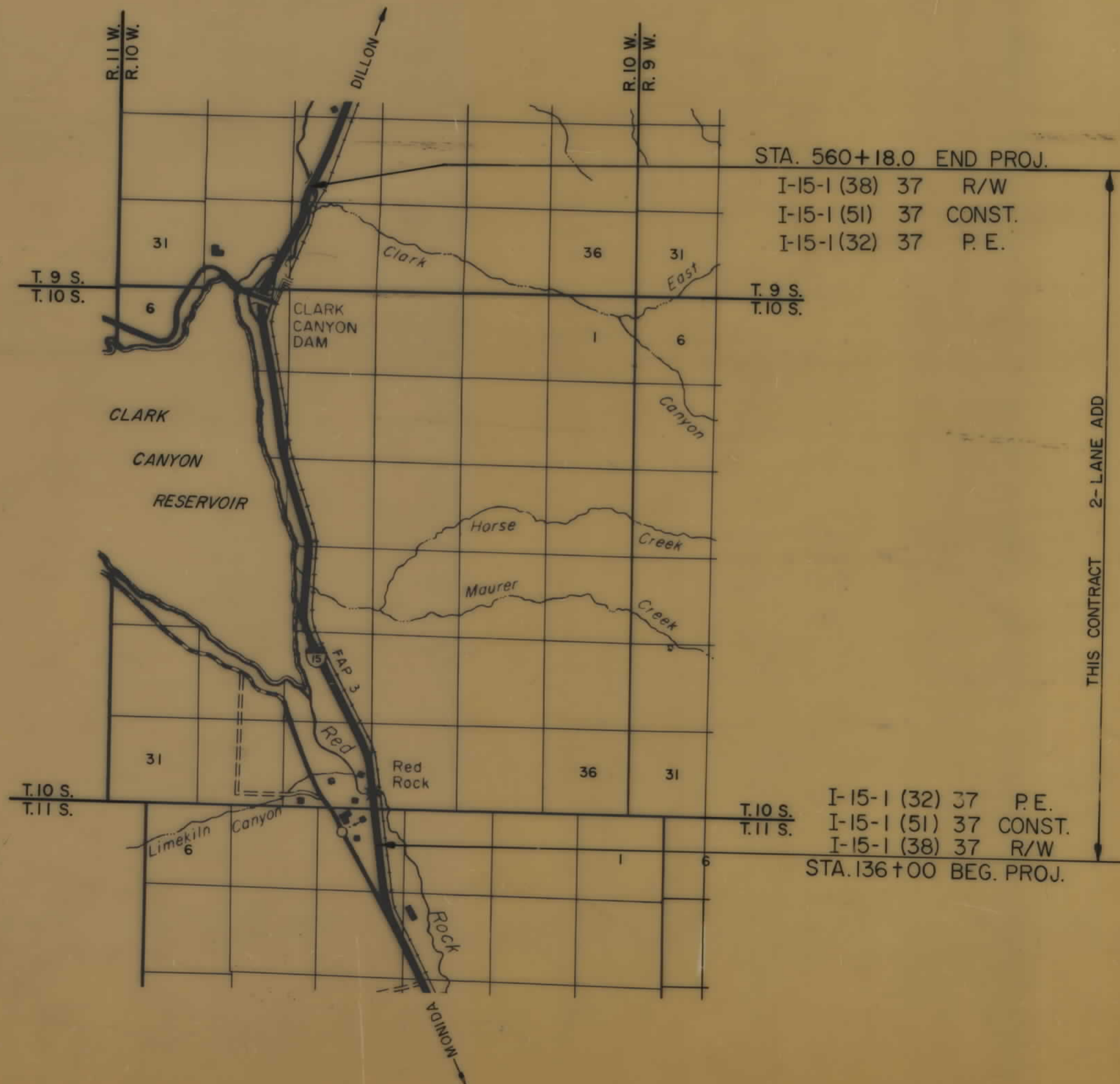
RIGHT OF WAY PLAN OF PROPOSED
 I 15-1 (51) 37 CONST.
 FEDERAL AID PROJECT NO. I 15-1 (38) 37 R/W
 I 15-1 (32) 37 P.E.
 ARMSTEAD NORTH & SOUTH
 LENGTH 8.043 MILES
 BEAVERHEAD COUNTY



INDEX		
PARCEL NO.	OWNERSHIPS	SHEET NO.
1	ROE RANCH CO.-CD-CENTENNIAL LIV. STOCK	4-5-6
2	BUREAU OF RECLAMATION	7,10,14 & 15
3	DELETED	16
4	JAMES B. & IRENE E. MELTON	15
5	BUREAU OF RECLAMATION	17
6	DELETED	17
7	UNION PACIFIC RAILROAD	17 & 18
8	LOWELL S. HILDRETH	17 & 18
9	LOWELL S. HILDRETH	18
10	DELETED	16
11	DELETED	
12	DELETED	
13	DELETED	
14	DELETED	

CONVENTIONAL SIGNS

- RIGHT OF WAY LINE
- CENTERLINE (C) OR PROJECTED LINE
- STK'D. CENTERLINE
- PARCEL NUMBER
- OWNERSHIP BOUNDARY
- R/W USE EXISTING R/W LT OR RT
- PRESENT TRAVELED WAY (PT.W.)
- R/W LINE FENCED
- RAILROAD R/W
- CONSTRUCTION LIMITS
- FENCE LINE
- CONTROL OF ACCESS WITH FENCE
- CONTROL OF ACCESS WITHOUT FENCE
- GATE IN FENCE
- CATTLE GUARD-24'
- STATE & NATIONAL BORDER LINES
- CITY OR TOWN LIMITS LINE
- COUNTY LINE
- RESERVATION LINE
- TOWNSHIP & SECTION LINE
- 1/2 SECTION LINE
- 1/4 SECTION LINE
- SECTION CORNER
- 1/4 SECTION COR
- 1/8 SECTION COR
- CENTER OF SECTION
- TELEPHONE OR TELEGRAPH POLES IN PLACE
- POWER POLES IN PLACE
- TEL OR TEL OR POWER POLES TO BE MOVED
- NEW PIPES
- OLD PIPES IN PLACE
- OUTLET DITCH
- INLET DITCH
- DITCHES
- CHANNEL CHANGES
- BRIDGE
- RAILROADS
- EXISTING CONTROL OF ACCESS



STATE OF MONTANA
 DEPARTMENT OF HIGHWAYS

APPROVED: _____ 19 35

H.J. ANDERSON
 DIRECTOR OF HIGHWAYS
 BY: _____
 ADMINISTRATOR
 ENGINEERING DIVISION

THE KEN R. WHITE CO.
 STATE ENGINEERS

U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION

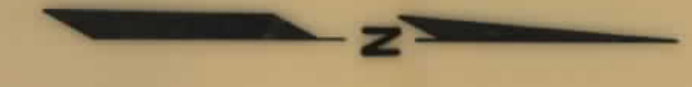
APPROVED: _____
 DIVISION ENGINEER _____ DATE _____

I-15-1(38)37 SHT 1 OF 18

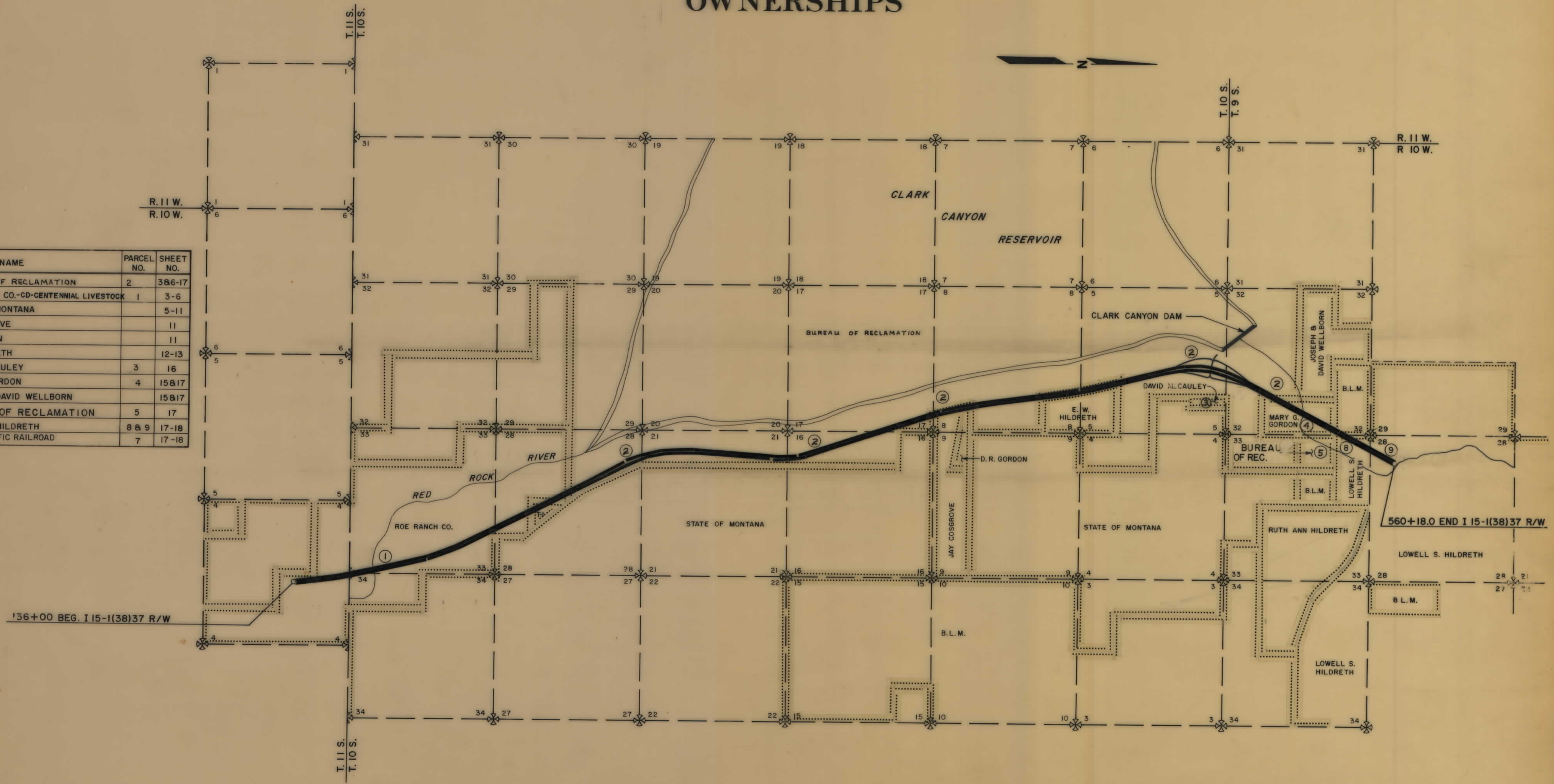
FED. ROAD DIV. NO.	STATE	F.A.P. NOS.		STATE NO.	SHEET NO.	TOTAL SHEETS
8	MONT.	15-1(37)	15-1(38)37	8151-38	2	18

ARMSTEAD NORTH & SOUTH

OWNERSHIPS



NAME	PARCEL NO.	SHEET NO.
BUREAU OF RECLAMATION	2	386-17
ROE RANCH CO.-CD-CENTENNIAL LIVESTOCK	1	3-6
STATE OF MONTANA		5-11
JAY COSGROVE		11
D. R. GORDON		11
E. W. HILDRETH		12-13
DAVID MCCAULEY	3	16
MARY G. GORDON	4	15&17
JOSEPH & DAVID WELLBORN		15&17
BUREAU OF RECLAMATION	5	17
LOWELL S. HILDRETH	8 & 9	17-18
UNION PACIFIC RAILROAD	7	17-18



136+00 BEG. I 15-1(38)37 R/W

560+18.0 END I 15-1(38)37 R/W

THE KEN R. WHITE CO.
HELENA MONT.

CONSTRUCTION LIMITS	TOP OF CUT	TOE OF FILL
MAP TRANS. TO R/W	MAP REVISED 2-23-79, 8-27-79, 2-13-80	
B.P.R. APPROVAL	LEG. 12-8-75	

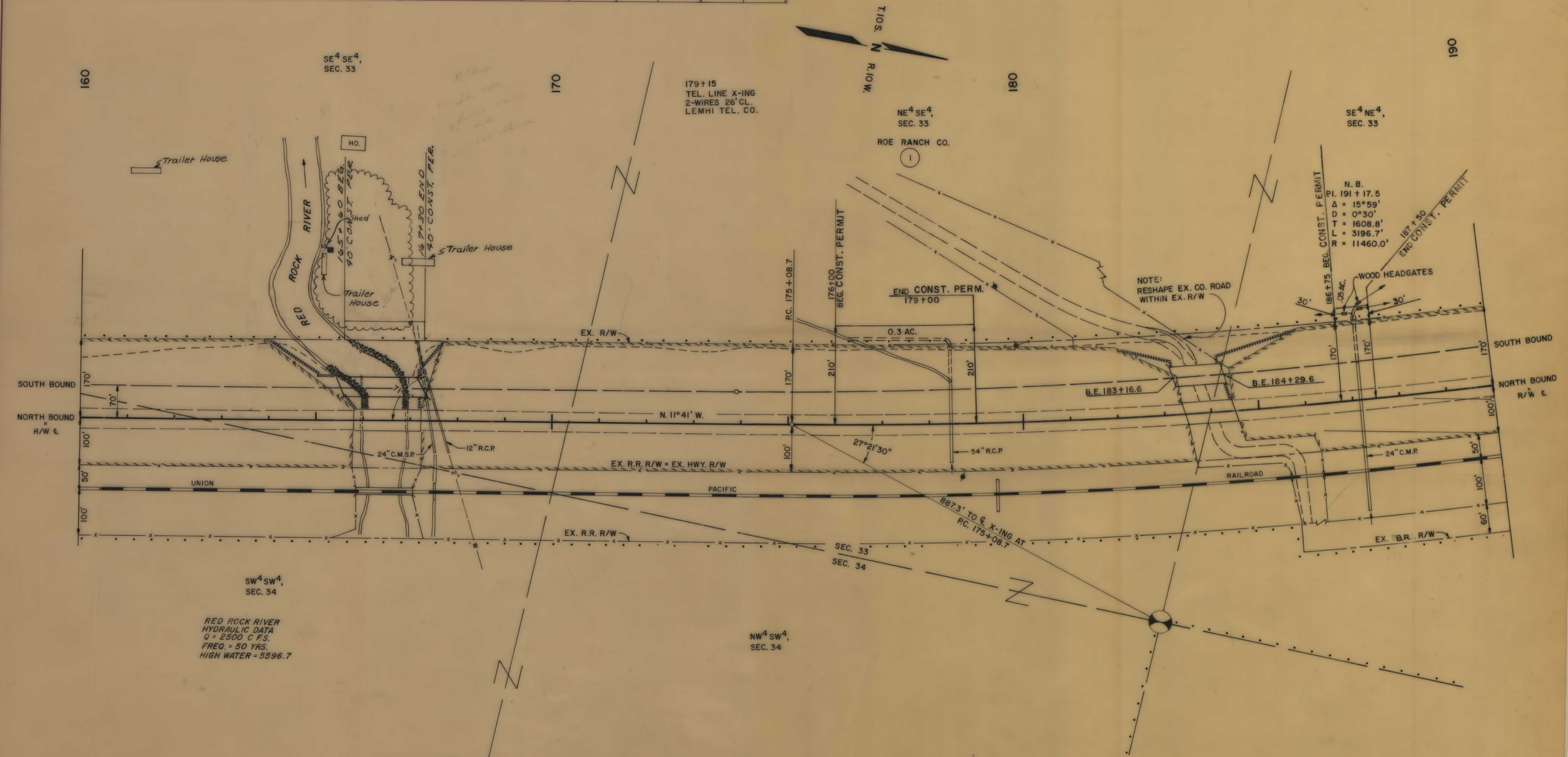
STATE OF MONTANA
STATE HIGHWAY COMMISSION
OWNERSHIP MAP
BEAVERHEAD COUNTY
= 1760' MAP COMPLETED

15-1(38)37 SH. 2 OF 18

OWNERSHIPS												
PARCEL	NAME	ADDRESS	TOTAL ACREAGE	GROSS TAKE ACREAGE	PT.W. ACREAGE	NET TAKE ACREAGE	REMAINDER		CONST. PERMIT		EASEMENT	
							LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT
1	ROE RANCH CO. - -CD-CENTENNIAL LIVESTOCK	SEE SHEET NO. 6										

FED. ROAD DIV. NO.	STATE	F.A.P. NO.	STATE NO.	SHEET NO.	TOTAL SHEETS	
8	MONT.	115-1 (51)37	115-1 (38)37	8151-38	4	18

ARMSTEAD NORTH & SOUTH



RED ROCK RIVER
HYDRAULIC DATA
Q = 2500 C.F.S.
FREQ. = 50 YRS.
HIGH WATER = 5596.7

SW 4 SW 4,
SEC. 34

NW 4 SW 4,
SEC. 34

167+30
24" X 140' C.S.P. IRR. IN PL.
LENG. 102' LT.

167+40
12" X 168" R.C.P. WATER LINE
ENCASEMENT IN PLACE
LENG. 90' LT.

167+40
4" GALV STEEL WATER LINE
REMOVE 90' OF PIPE LT.
REPLACE WITH 90'
OF 2" GALV STEEL

178+43
54" X 164" R.C.P. IRR.-DR. IN PL.
LENG. 90' LT.

187+12
24" X 317' C.S.P. IN PL.
LENG. 92' LT.

STATE
11-5-75

THE KEN R. WHITE CO.
HELENA, MONT.
CATCH LIMITS DO NOT
INCLUDE SLOPE ROUNDING

CONSTRUCTION LIMITS
TOP OF CUT
TOE OF FILL

STATE OF MONTANA
LAND REQUIRED FOR RIGHT OF WAY
BEAVERHEAD COUNTY

SCALE
100' =

MAP TRANS TO R/W
MAP REVISED 2-27-79, 5-8-79, 8-27-79
B.P.R. APPROVAL 10-8-75

MAP COMPLETED

115-1(38)37 SHT 4 OF 18

OWNERSHIPS

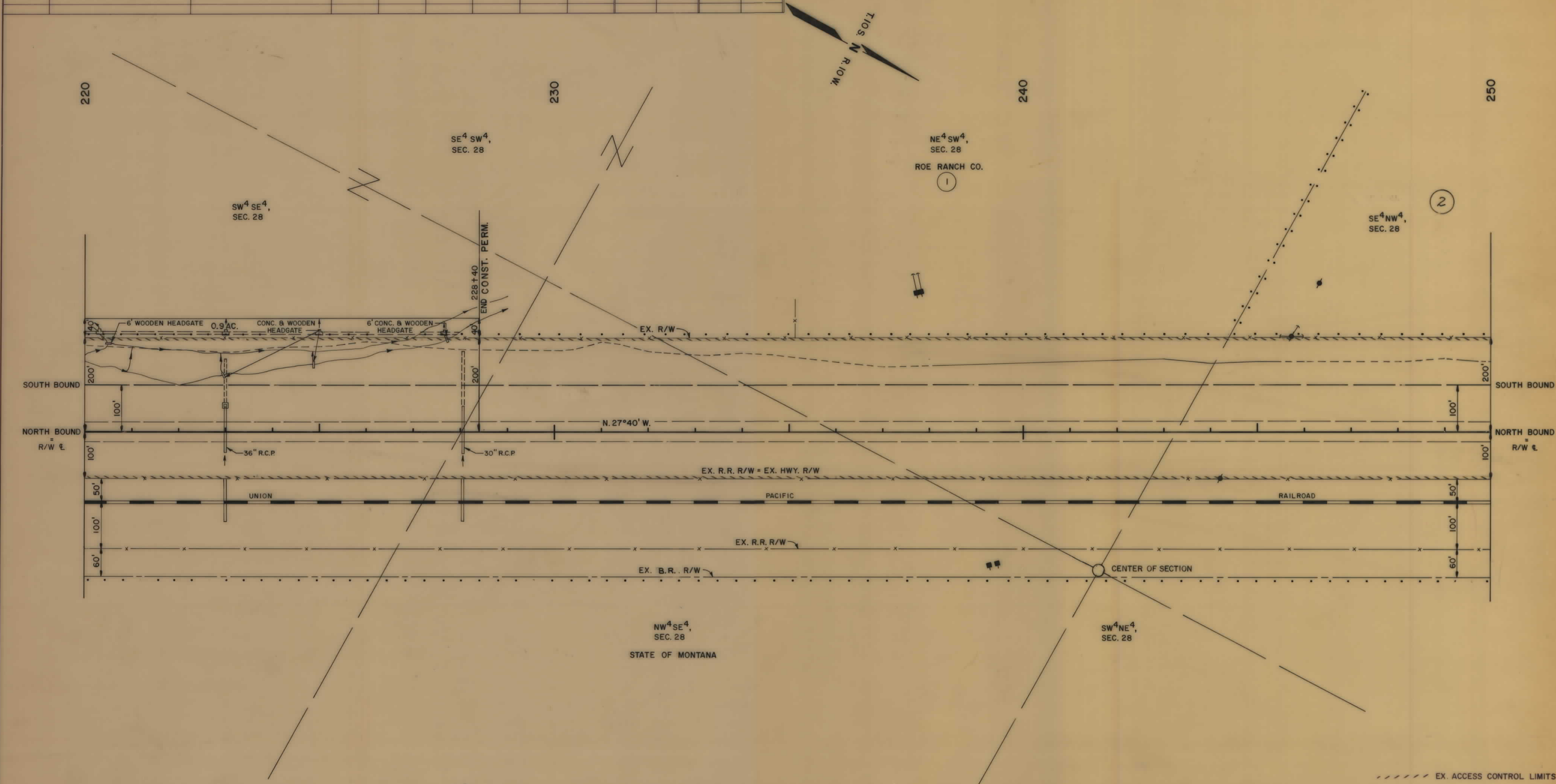
PARCEL	NAME	ADDRESS	TOTAL ACREAGE	GROSS TAKE ACREAGE	PT.W. ACREAGE	NET TAKE ACREAGE	REMAINDER		CONST PERMIT		EASEMENT	
							LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT
1	ROE RANCH CO. - -CD-CENTENNIAL LIVESTOCK	GRANT STAR RTE. DILLON MONT.							2.51 AC.			
2	BUREAU OF RECLAMATION	SEE SHEET 16										

238+55
POWER LINE X-ING
3-WIRES 34' CLEAR.
MONTANA POWER CO.

244+70
TEL. LINE X-ING
4-WIRES 27' CLEAR.
LEMHI TEL. CO.

FED. ROAD DIV. NO.	STATE	F.A.R. NO'S.	STATE NO.	SHEET NO.	TOTAL SHEETS
8	MONT.	115-1 (5) 37	115-1 (38) 37	6	10

ARMSTEAD NORTH & SOUTH



223+00
36" X 96" R.C.P. DR. IN PL.
LENGTHEN 100' LT.

228+06
30" X 100" R.C.P. DR. IN PL.
LENGTHEN 116' LT.

STATE
11-5-75, 8/26/77

THE KEN R. WHITE CO.
HELENA, MONT.
CATCH LIMITS DO NOT INCLUDE SLOPE ROUNDING

----- EX. ACCESS CONTROL LIMITS
 ***** ACCESS CONTROL FENCE
 - - - - - ACCESS CONTROLLED NOT FENCED

CONSTRUCTION LIMITS
 TOP OF CUT -----
 TOE OF FILL -----

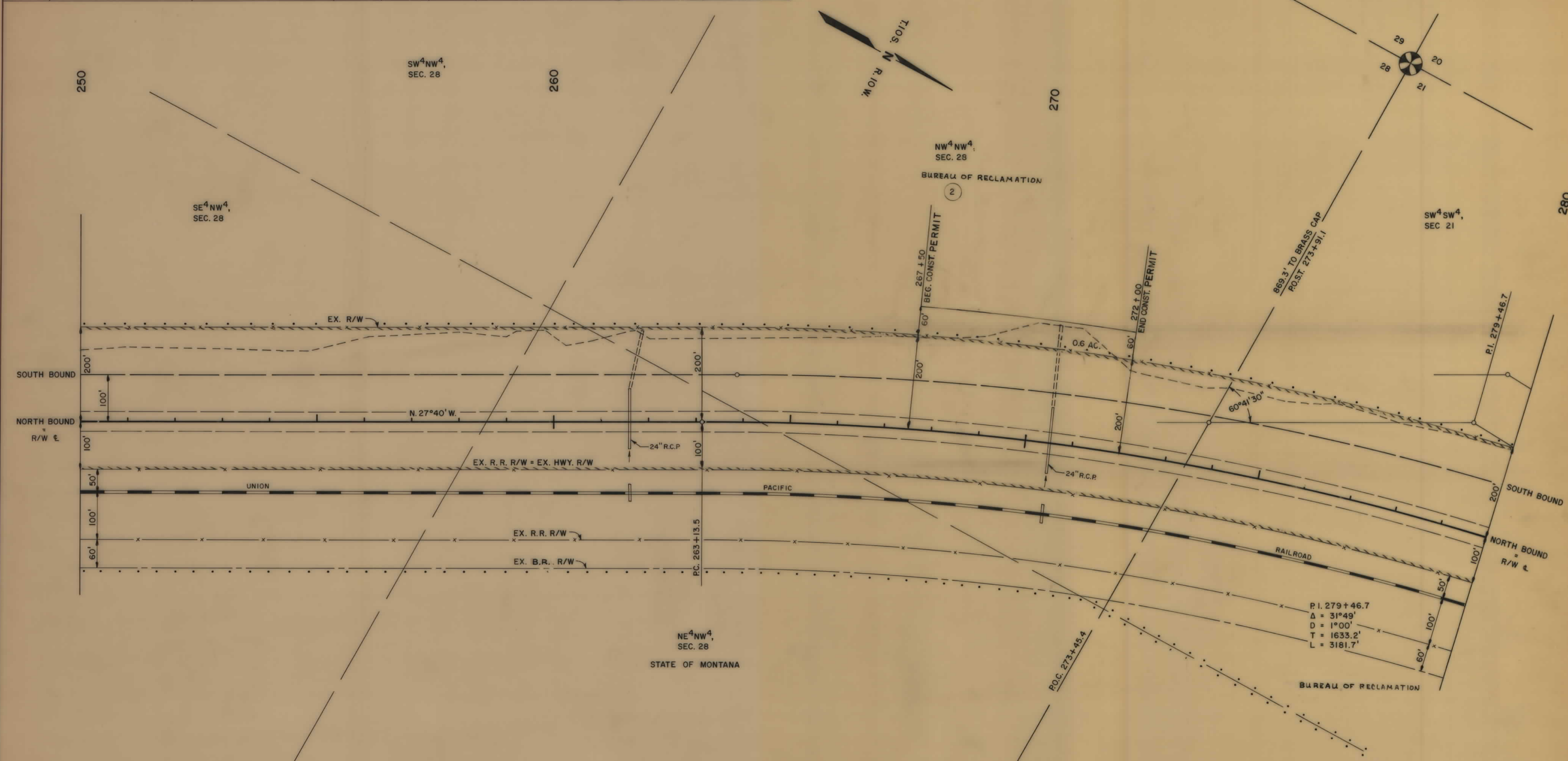
STATE OF MONTANA
 STATE HIGHWAY COMMISSION
 LAND REQUIRED FOR RIGHT OF WAY
 BEAVERHEAD COUNTY
 SCALE
 MAP COMPLETED

MAP TRANS. TO R/W _____
 MAP REVISED 2 23-79 5-8-75 8-27-79
 B.P.R. APPROVAL 80910-8-78

OWNERSHIPS												
PARCEL	NAME	ADDRESS	TOTAL ACREAGE	GROSS TAKE ACREAGE	P.T.W. ACREAGE	NET TAKE ACREAGE	REMAINDER		CONST. PERMIT		EASEMENT	
							LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT
2	BUREAU OF RECLAMATION	SEE SHEET NO. 16										

FED. ROAD DIV. NO.	STATE	F.A.R. NO'S.		STATE NO.	SHEET NO.	TOTAL SHEETS
		CONST. NO.	R/W NO.			
8	MONT.	115-1 (51) 37	115-1 (38) 37	8151-38	7	18

ARMSTEAD NORTH & SOUTH



261+60
24" X 128' R.C.P. DR. IN P.L.
LENGTHEN 122' LT.

270+52
24" X 138' R.C.P. DR. IN P.L.
LENGTHEN 158' LT.

THE KEN R. WHITE CO.
HELENA, MONT.
CATCH LIMITS DO NOT INCLUDE SLOPE ROUNDING

CONSTRUCTION LIMITS
TOP OF CUT
TOE OF FILL

STATE OF MONTANA
STATE HIGHWAY COMMISSION
LAND REQUIRED FOR RIGHT OF WAY
BEAVERHEAD COUNTY

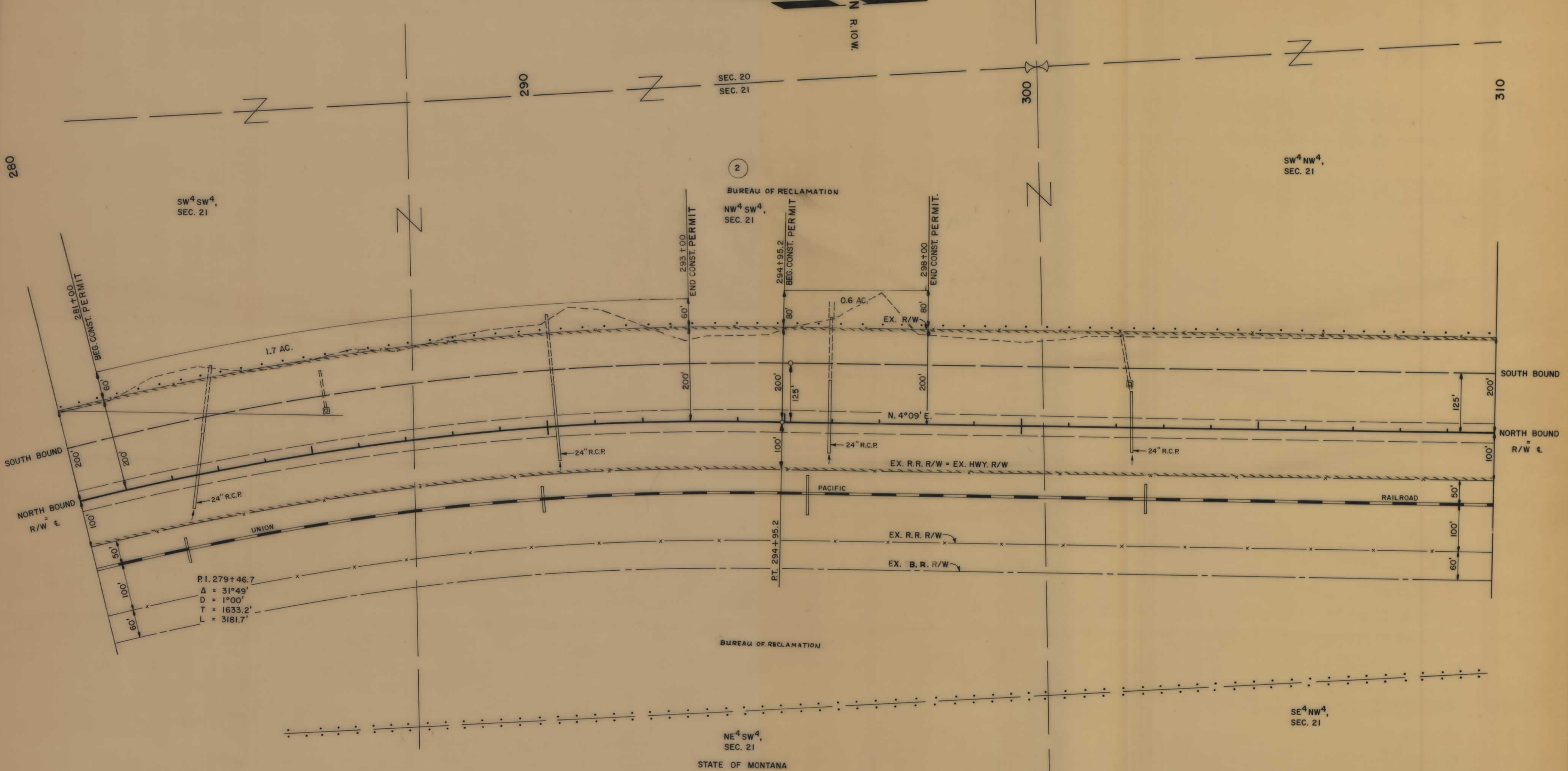
SCALE
100' = _____ MAP COMPLETED _____

57478
11-5-25

OWNERSHIPS												
PARCEL	NAME	ADDRESS	TOTAL ACREAGE	GROSS TAKE ACREAGE	P.T.W. ACREAGE	NET TAKE ACREAGE	REMAINDER		CONST. PERMIT		EASEMENT	
							LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT
2	BUREAU OF RECLAMATION	SEE SHEET NO. 16										

FED. ROAD DIV. NO.	STATE	F.A.P. NO'S		STATE NO.	SHEET NO.	TOTAL SHEETS
		CONSTR. NO.	R/W NO.			
8	MONT.	115-1 (51)37	115-1 (38)37	8151-38	8	18

ARMSTEAD NORTH & SOUTH



282+55
24' X 152' R.C.P. DR. IN PL.
LENGTHEN 146' LT.

285+44
NEW 24' X 84' DR.

290+20
24' X 162' R.C.P. DR. IN PL.
LENGTHEN 148' LT.

295+94
24' X 154' R.C.P. DR. IN PL.
LENGTHEN 134' LT.

302+32
24' X 130' R.C.P. DR. IN PL.
LENGTHEN 122' LT.

STAY 2
11-5-75

THE KEN R. WHITE CO.
HELENA MONT.
CATCH LIMITS DO NOT
INCLUDE SLOPE ROUNDING

STATE OF MONTANA
STATE HIGHWAY COMMISSION
LAND REQUIRED FOR RIGHT OF WAY
BEAVERHEAD COUNTY

CONSTRUCTION LIMITS
TOP OF CUT
TOE OF FILL

MAP TRANS TO R/W
MAP REVISED 2-23-79
B.P.R. APPROVAL ACQ. 10. 8. 75

SCALE
100' = MAP COMPLETED

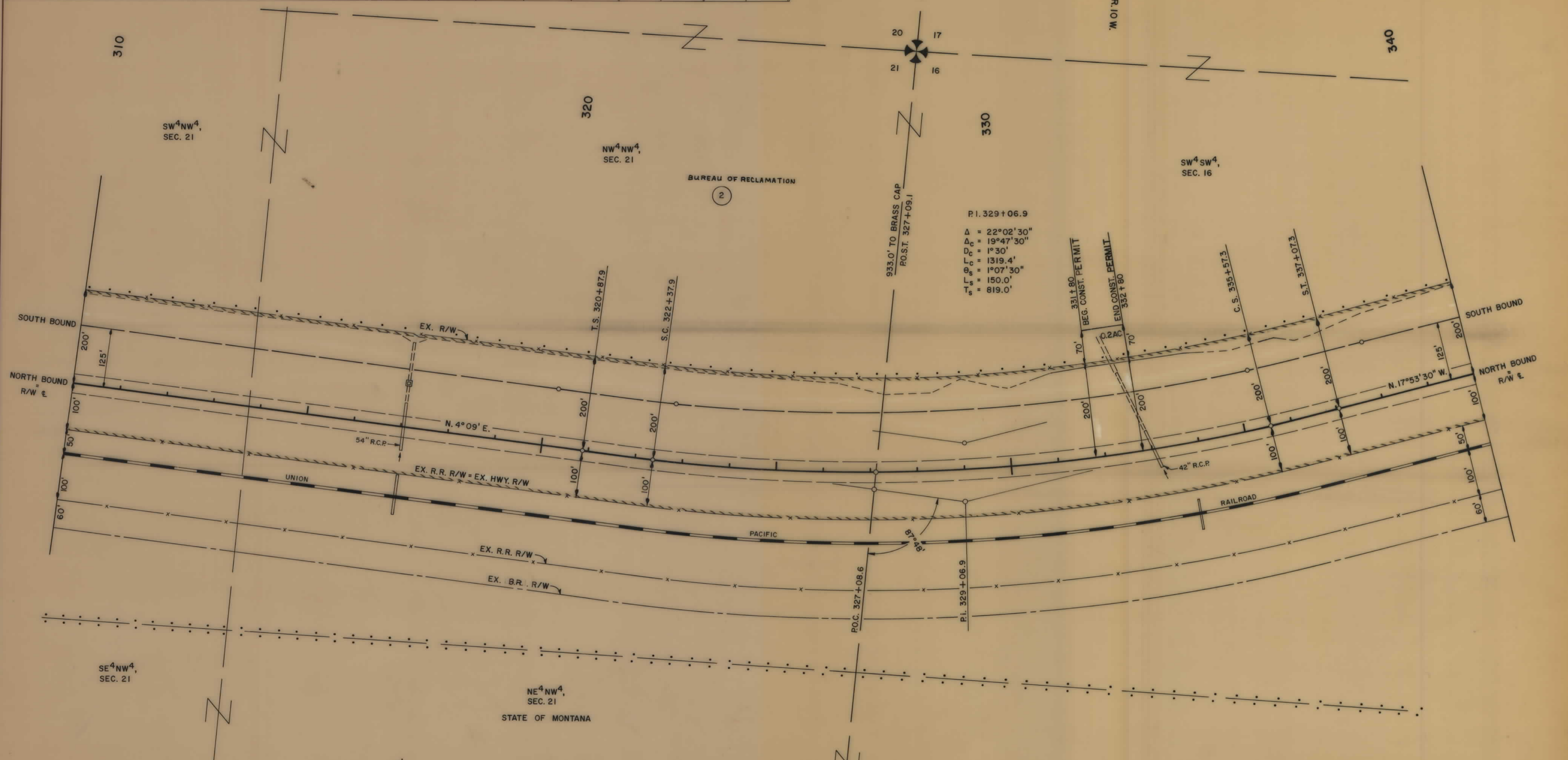
EX. ACCESS CONTROL LIMITS
ACCESS CONTROL FENCE
ACCESS CONTROLLED
NOT FENCED

115-1(38)37 SHT 8 OF 18

OWNERSHIPS												
PARCEL	NAME	ADDRESS	TOTAL ACREAGE	GROSS TAKE ACREAGE	PTW ACREAGE	NET TAKE ACREAGE	REMAINDER		CONST. PERMIT		EASEMENT	
							LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT
2	BUREAU OF RECLAMATION	SEE SHEET NO. 16										

FED. ROAD DIV. NO.	STATE	F.A.P. NOS.	STATE NO.	SHEET NO.	TOTAL SHEETS	
8	MONT.	115-1 (51)37	115-1 (38)37	8151-38	9	18

ARMSTEAD NORTH & SOUTH



P.I. 329+06.9
 $\Delta = 22^\circ 02' 30''$
 $\Delta_C = 19^\circ 47' 30''$
 $D_C = 1^\circ 30'$
 $L_C = 1319.4'$
 $L_{e_s} = 1^\circ 07' 30''$
 $L_s = 150.0'$
 $e_s = 819.0'$

317+04
 88' S. X 54' R. X 104' R.C.P.A.
 IRR. & DR. IN PL.
 LENGTHEN 132' LT.

333+00
 42" X 88' R.C.P. DR. IN PL.
 LENGTHEN 136' LT.

THE KEN R. WHITE CO.
 HELENA, MONT.
 CATCH LIMITS DO NOT INCLUDE SLOPE ROUNDING

STATE OF MONTANA
 STATE HIGHWAY COMMISSION
 LAND REQUIRED FOR RIGHT OF WAY

BEAVERHEAD COUNTY

CONSTRUCTION LIMITS
 TOP OF CUT
 TOE OF FILL

MAP TRANS TO R/W
 MAP REVISED 2-23-79
 B.P.R. APPROVAL ARQ 10-8-75

SCALE
 100' = _____

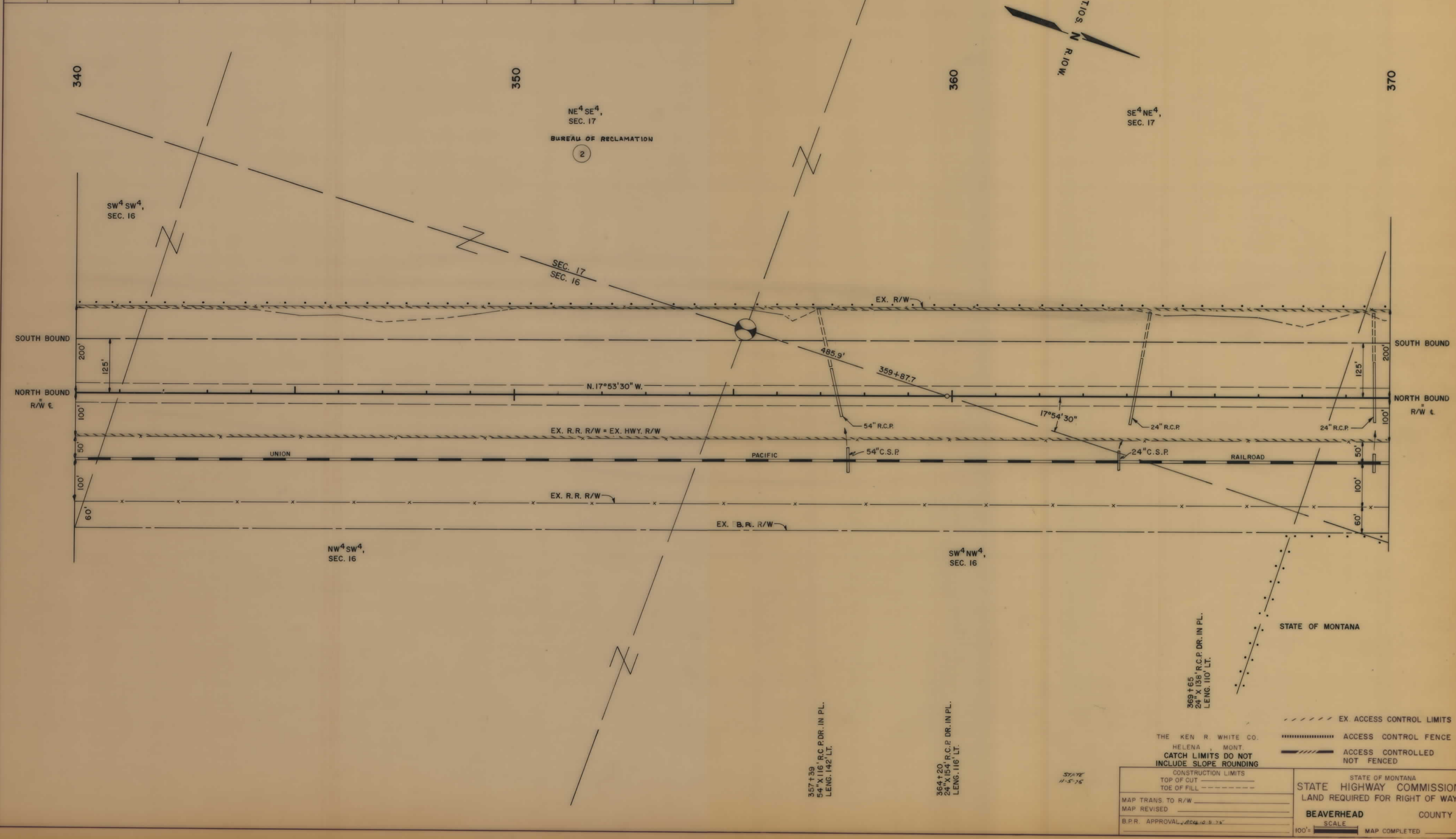
MAP COMPLETED _____

OWNERSHIPS

PARCEL	NAME	ADDRESS	TOTAL ACREAGE	GROSS TAKE ACREAGE	PT.W. ACREAGE	NET TAKE ACREAGE	REMAINDER		CONST. PERMIT		EASEMENT	
							LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT
2	BUREAU OF RECLAMATION	SEE SHEET NO. 16										

FED. ROAD DIV. NO.	STATE	F.A.P. NOS.		STATE NO.	SHEET NO.	TOTAL SHEETS
		CONST. NO.	R/W. NO.			
8	MONT.	(51)37	(38)37	8151-38	10	78

ARMSTEAD NORTH & SOUTH



STATE OF MONTANA
 THE KEN R WHITE CO.
 HELENA, MONT.
 CATCH LIMITS DO NOT INCLUDE SLOPE ROUNDING

CONSTRUCTION LIMITS
 TOP OF CUT
 TOE OF FILL

STATE OF MONTANA
 LAND REQUIRED FOR RIGHT OF WAY
 BEAVERHEAD COUNTY

SCALE
 100' = _____ MAP COMPLETED _____

EX ACCESS CONTROL LIMITS
 ACCESS CONTROL FENCE
 ACCESS CONTROLLED NOT FENCED

357+39
 54" X 116" R.C.P. DR. IN PL.
 LENG. 142' LT.

364+20
 24" X 154" R.C.P. DR. IN PL.
 LENG. 116' LT.

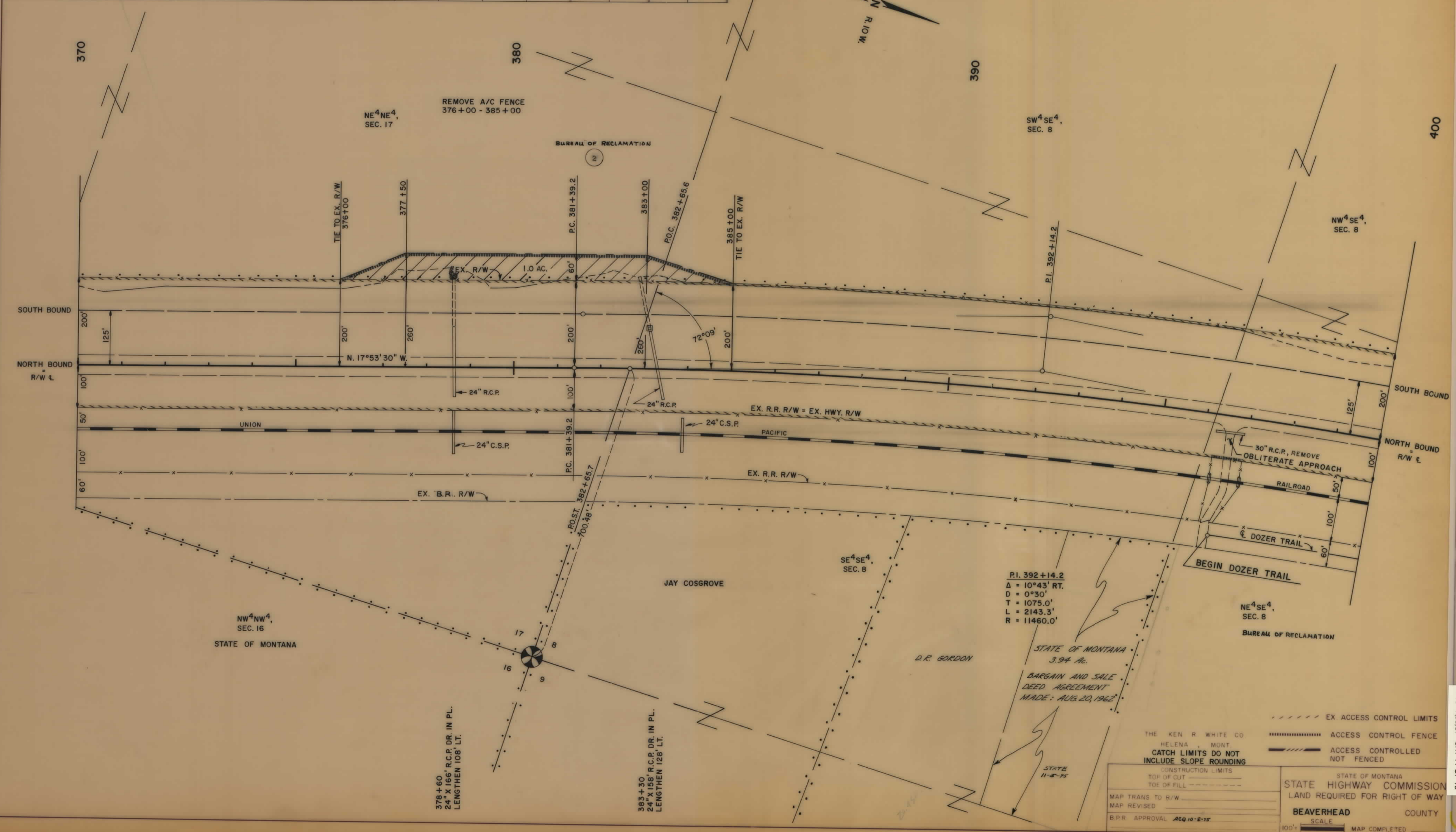
369+65
 24" X 138" R.C.P. DR. IN PL.
 LENG. 110' LT.

SCALE 11-5-75

OWNERSHIPS												
PARCEL	NAME	ADDRESS	TOTAL ACREAGE	GROSS TAKE ACREAGE	PTW ACREAGE	NET TAKE ACREAGE	REMAINDER		CONST. PERMIT		EASEMENT	
							LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT
2	BUREAU OF RECLAMATION	SEE SHEET NO. 16										

FED. ROAD DIV. NO.	STATE	F.A.P. NO'S	STATE NO.	SHEET NO.	TOTAL SHEETS
8	MONT.	115-1 (51)37	115-1 (38)37	8151-38	11

ARMSTEAD NORTH & SOUTH



THE KEN R. WHITE CO.
 HELENA, MONT.
 CATCH LIMITS DO NOT INCLUDE SLOPE ROUNDING

CONSTRUCTION LIMITS
 TOP OF CUT
 TOE OF FILL

MAP TRANS TO R/W
 MAP REVISED
 B.P.R. APPROVAL ACQ 10-8-75

STATE OF MONTANA
 LAND REQUIRED FOR RIGHT OF WAY
 BEAVERHEAD COUNTY
 SCALE
 100' = _____ MAP COMPLETED

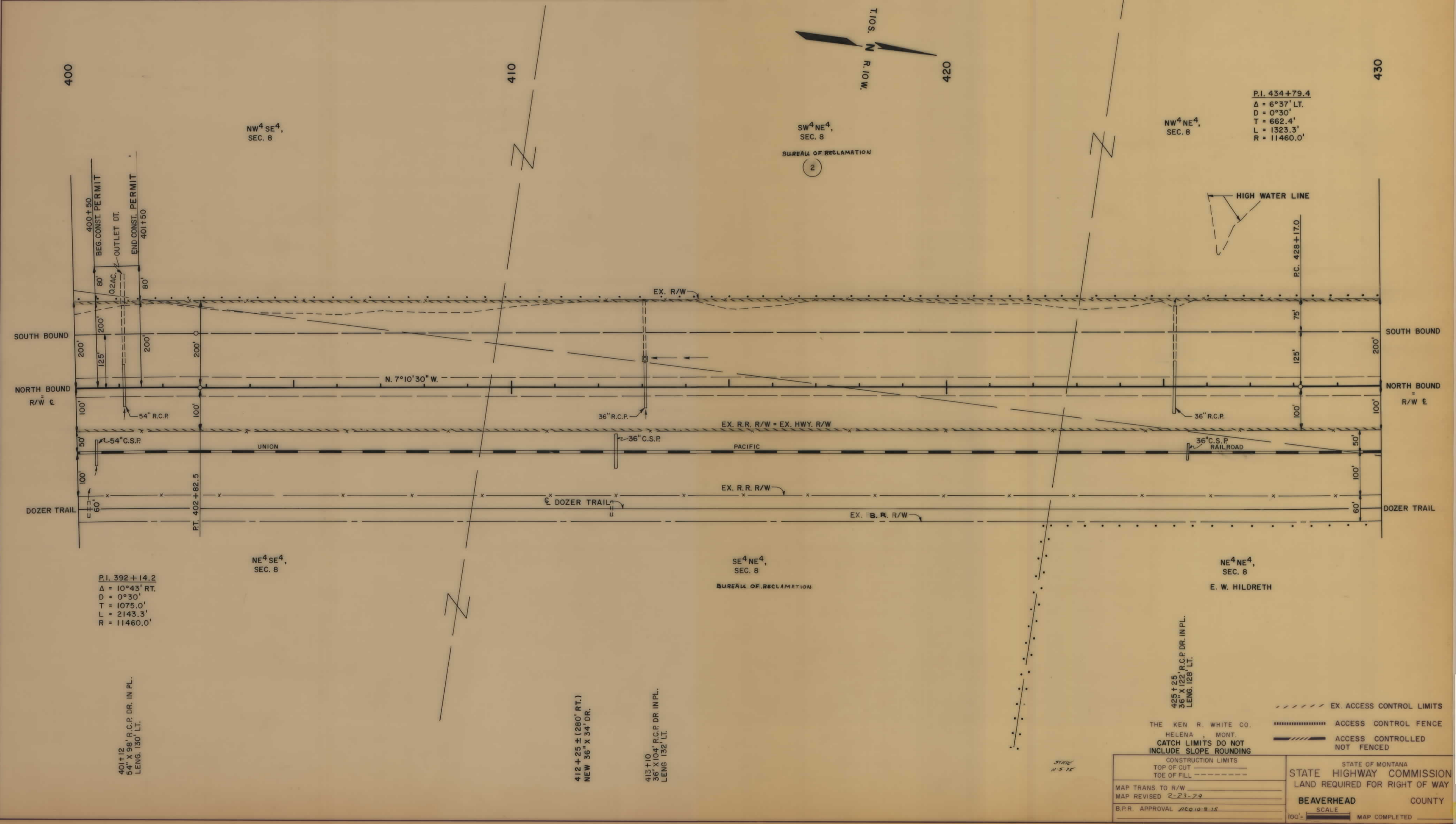
EX ACCESS CONTROL LIMITS
 ACCESS CONTROL FENCE
 ACCESS CONTROLLED NOT FENCED

115-1(38)37 SH. 11 OF 18

OWNERSHIPS												
PARCEL	NAME	ADDRESS	TOTAL ACREAGE	GROSS TAKE ACREAGE	P.T.W. ACREAGE	NET TAKE ACREAGE	REMAINDER		CONST. PERMIT		EASEMENT	
							LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT
2	BUREAU OF RECLAMATION	SEE SHEET NO. 16										

FED. ROAD DIV. NO.	STATE	F.A.P. NO'S.		STATE NO.	SHEET NO.	TOTAL SHEETS
		CONST. NO.	R/W NO.			
8	MONT.	115-1 (51)57	115-1 (38)37	8151-38	12	18

ARMSTEAD NORTH & SOUTH



P.I. 392+14.2
 $\Delta = 10^{\circ}43'$ RT.
 $D = 0^{\circ}30'$
 $T = 1075.0'$
 $L = 2143.3'$
 $R = 11460.0'$

401+12
 $54" \times 96" \text{ R.C.P. DR. IN PL.}$
 LENG. 130' LT.

412+25 ± (280' RT.)
 NEW $36" \times 34' \text{ DR.}$

413+10
 $36" \times 104' \text{ R.C.P. DR. IN PL.}$
 LENG. 132' LT.

425+25
 $36" \times 122' \text{ R.C.P. DR. IN PL.}$
 LENG. 126' LT.

THE KEN R. WHITE CO.
 HELENA, MONT.
 CATCH LIMITS DO NOT
 INCLUDE SLOPE ROUNDING

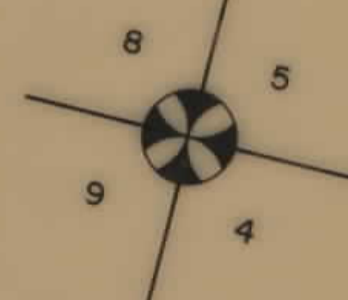
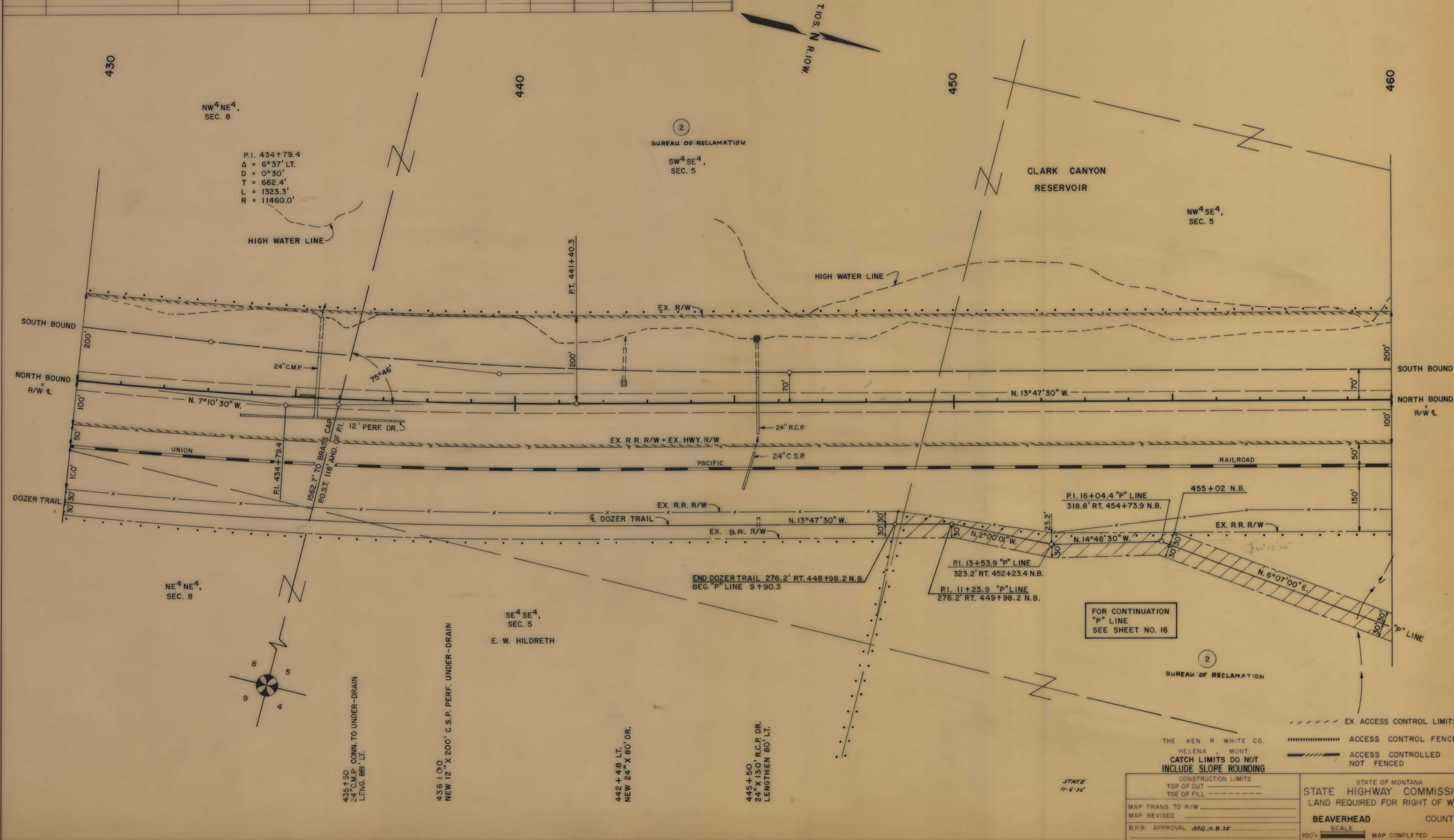
----- EX. ACCESS CONTROL LIMITS
 ACCESS CONTROL FENCE
 - - - - - ACCESS CONTROLLED NOT FENCED

CONSTRUCTION LIMITS TOP OF CUT TOE OF FILL	STATE OF MONTANA STATE HIGHWAY COMMISSION LAND REQUIRED FOR RIGHT OF WAY BEAVERHEAD COUNTY SCALE 100' = MAP COMPLETED
MAP TRANS TO R/W MAP REVISED 2-23-79 B.P.R. APPROVAL 200.10-2-25	

OWNERSHIPS												
PARCEL	NAME	ADDRESS	TOTAL ACREAGE	GROSS TAKE ACREAGE	PTW ACREAGE	NET TAKE ACREAGE	REMAINDER		CONST. PERMIT		EASEMENT	
							LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT
2	BUREAU OF RECLAMATION	SEE SHEET NO. 16										

FED. ROAD DIV. NO.	STATE	CONST. NO.	R/W NO.	STATE NO.	SHEET NO.	TOTAL SHEETS
8	MONT.	15-1 (5)137	15-1 (38)37	8151-38	13	18

ARMSTEAD NORTH & SOUTH



FOR CONTINUATION
"P" LINE
SEE SHEET NO. 16

THE KEN R. WHITE CO.
HELENA, MONT.
CATCH LIMITS DO NOT
INCLUDE SLOPE ROUNDING

CONSTRUCTION LIMITS
TOP OF CUT _____
TOE OF FILL _____

MAP TRANS. TO R/W _____
MAP REVISED _____
B.P.R. APPROVAL *ASQ. 10.8.25*

STATE OF MONTANA
STATE HIGHWAY COMMISSION
LAND REQUIRED FOR RIGHT OF WAY

BEAVERHEAD COUNTY

SCALE
100' = _____
MAP COMPLETED _____

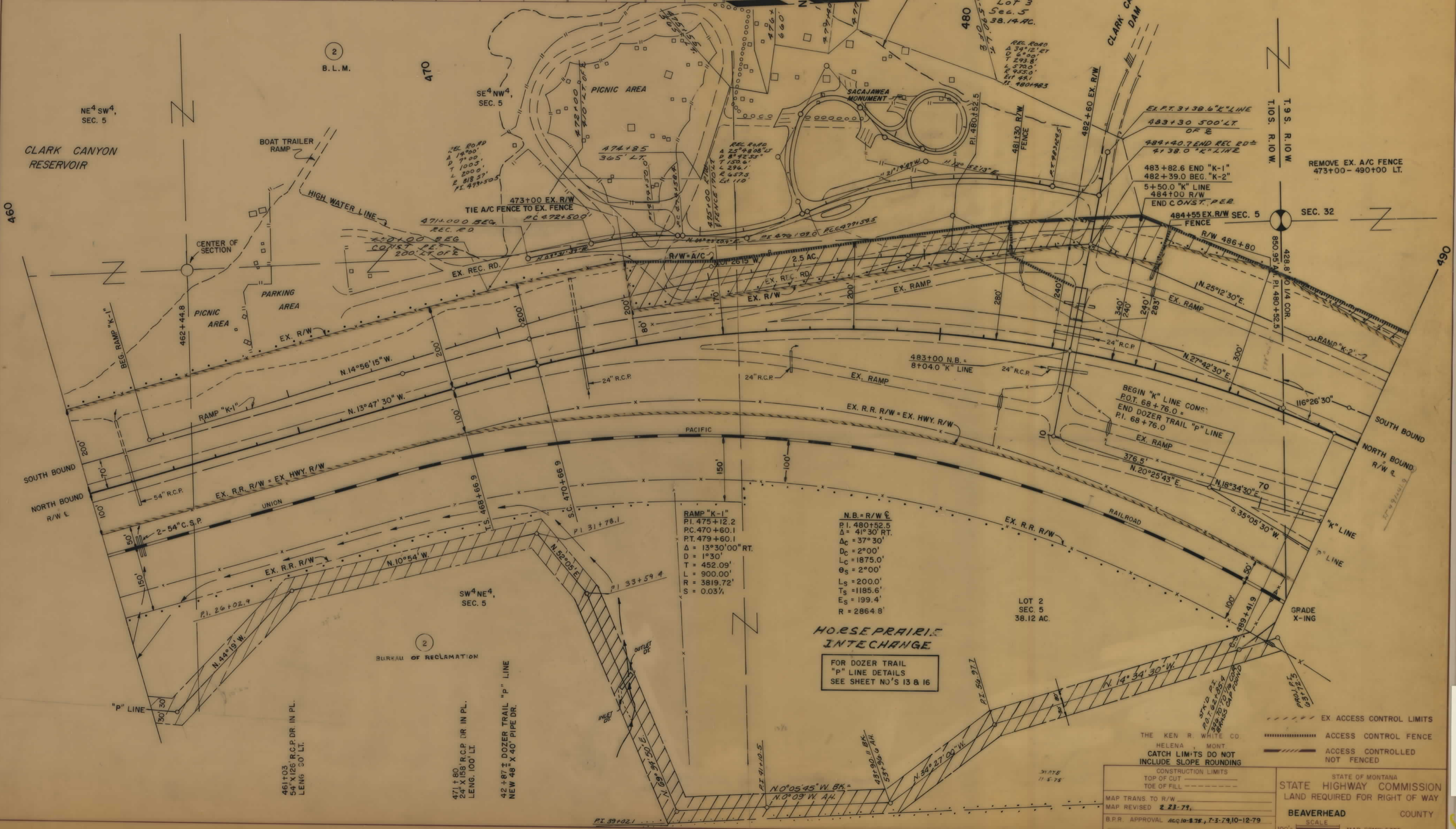
STATE 11-5-25

15-1(38)37 SHT. 13 OF 18

OWNERSHIPS													
PARCEL	NAME	ADDRESS	TOTAL ACREAGE	GROSS TAKE ACREAGE	P.T.W. ACREAGE	NET TAKE ACREAGE	REMAINDER		CONST. PERMIT		EASEMENT		
							LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT	
2	BUREAU OF RECLAMATION	SEE SHEET NO. 16											

FED. ROAD DIV. NO.	STATE	F.A.P. NO.	STATE NO.	SHEET NO.	TOTAL SHEETS
8	MONT.	115-1 (51)37	115-1 (38)37	14	18

ARMSTEAD NORTH & SOUTH



NE⁴SW⁴, SEC. 5
CLARK CANYON RESERVOIR

2
B.L.M.

470

SE⁴NW⁴, SEC. 5

474+85
365' LT.

REL. ROAD
A 14°00'
D 7'00'
T 1003'
L 2009'
E 818.57'
PL. 473+505

473+00 EX. R/W
TIE A/C FENCE TO EX. FENCE

471+000 BEG. REC. RD.

425+00 EX. R/W
FENCE TO EX. FENCE

REL. ROAD
A 25°48'08" E
D 8'42.55'
T 150.6'
L 296.1'
R 457.5'
CH. 110

425+00 EX. R/W
FENCE TO EX. FENCE

REL. ROAD
A 25°48'08" E
D 8'42.55'
T 150.6'
L 296.1'
R 457.5'
CH. 110

425+00 EX. R/W
FENCE TO EX. FENCE

REL. ROAD
A 25°48'08" E
D 8'42.55'
T 150.6'
L 296.1'
R 457.5'
CH. 110

425+00 EX. R/W
FENCE TO EX. FENCE

REL. ROAD
A 25°48'08" E
D 8'42.55'
T 150.6'
L 296.1'
R 457.5'
CH. 110

425+00 EX. R/W
FENCE TO EX. FENCE

REL. ROAD
A 25°48'08" E
D 8'42.55'
T 150.6'
L 296.1'
R 457.5'
CH. 110

425+00 EX. R/W
FENCE TO EX. FENCE

REL. ROAD
A 25°48'08" E
D 8'42.55'
T 150.6'
L 296.1'
R 457.5'
CH. 110

425+00 EX. R/W
FENCE TO EX. FENCE

REL. ROAD
A 25°48'08" E
D 8'42.55'
T 150.6'
L 296.1'
R 457.5'
CH. 110

425+00 EX. R/W
FENCE TO EX. FENCE

REL. ROAD
A 25°48'08" E
D 8'42.55'
T 150.6'
L 296.1'
R 457.5'
CH. 110

425+00 EX. R/W
FENCE TO EX. FENCE

REL. ROAD
A 25°48'08" E
D 8'42.55'
T 150.6'
L 296.1'
R 457.5'
CH. 110

425+00 EX. R/W
FENCE TO EX. FENCE

REL. ROAD
A 25°48'08" E
D 8'42.55'
T 150.6'
L 296.1'
R 457.5'
CH. 110

CLARK CANYON RESERVOIR

HIGH WATER LINE

Lot 3
Sec. 5
38.14 AC.

REL. ROAD
A 39°12'27"
D 6'02'
T 293.8'
L 370.0'
R 425.0'
CH. 421'
PL. 480+483

480

480+70-590' LT.

480+70-590' LT.

480+70-590' LT.

480+70-590' LT.

480+70-590' LT.

480+70-590' LT.

480+70-590' LT.

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480+70-590' LT.

480+70-590' LT.

480+70-590' LT.

CLARK CANYON DAM

EX. PT. 3138.6" K" LINE
483+30 500' LT. OF E

484+40.7 END REC. RD. ±
4138.0 "K" LINE

483+82.6 END "K-1"
482+39.0 BEG. "K-2"

5+50.0 "K" LINE
484+00 R/W
END CONST. PER

484+55 EX. R/W SEC. 5
FENCE

R/W 486+80

N.25°12'30"E

N.27°42'30"E

N.20°25'43"E

N.18°34'30"E

S.35°05'30"W

70

376.5'

EX. R.R. R/W = EX. HWY. R/W

EX. RAMP

EX. RAMP

EX. RAMP

EX. RAMP

EX. RAMP

EX. RAMP

EX. RAMP

EX. RAMP

EX. RAMP

EX. RAMP

EX. RAMP

SEC. 32

T.9 S. R.10 W.

T.10 S. R.10 W.

428.8' O 1/4 COR.

850.95' A.

PL. 480+52.5

428.8' O 1/4 COR.

850.95' A.

PL. 480+52.5

428.8' O 1/4 COR.

850.95' A.

PL. 480+52.5

428.8' O 1/4 COR.

850.95' A.

PL. 480+52.5

428.8' O 1/4 COR.

850.95' A.

PL. 480+52.5

428.8' O 1/4 COR.

850.95' A.

PL. 480+52.5

428.8' O 1/4 COR.

850.95' A.

PL. 480+52.5

428.8' O 1/4 COR.

850.95' A.

PL. 480+52.5

428.8' O 1/4 COR.

850.95' A.

PL. 480+52.5

428.8' O 1/4 COR.

850.95' A.

PL. 480+52.5

HORSE PRAIRIE INTECHANGE

FOR DOZER TRAIL "P" LINE DETAILS
SEE SHEET NO'S 13 & 16

N.B. = R/W C
PI. 480+52.5
Δ = 41°30' RT.
Δ_c = 37°30'
D_c = 2°00'
L_c = 1875.0'
θ_s = 2°00'
L_s = 200.0'
T_s = 1185.6'
E_s = 199.4'
R = 2864.8'

RAMP "K-1"
PI. 475+12.2
PC. 470+60.1
PT. 479+60.1
Δ = 13°30'00" RT.
D = 1°30'
T = 452.09'
L = 900.00'
R = 3819.72'
S = 0.03%

THE KEN R. WHITE CO.
HELENA, MONT.
CATCH LIMITS DO NOT INCLUDE SLOPE ROUNDING

CONSTRUCTION LIMITS
TOP OF CUT
TOE OF FILL

STATE OF MONTANA
STATE HIGHWAY COMMISSION
LAND REQUIRED FOR RIGHT OF WAY

BEAVERHEAD COUNTY

MAP TRANS. TO R/W
MAP REVISED 2-23-79.
B.P.R. APPROVAL AC10-878, 7-3-79, 10-12-79

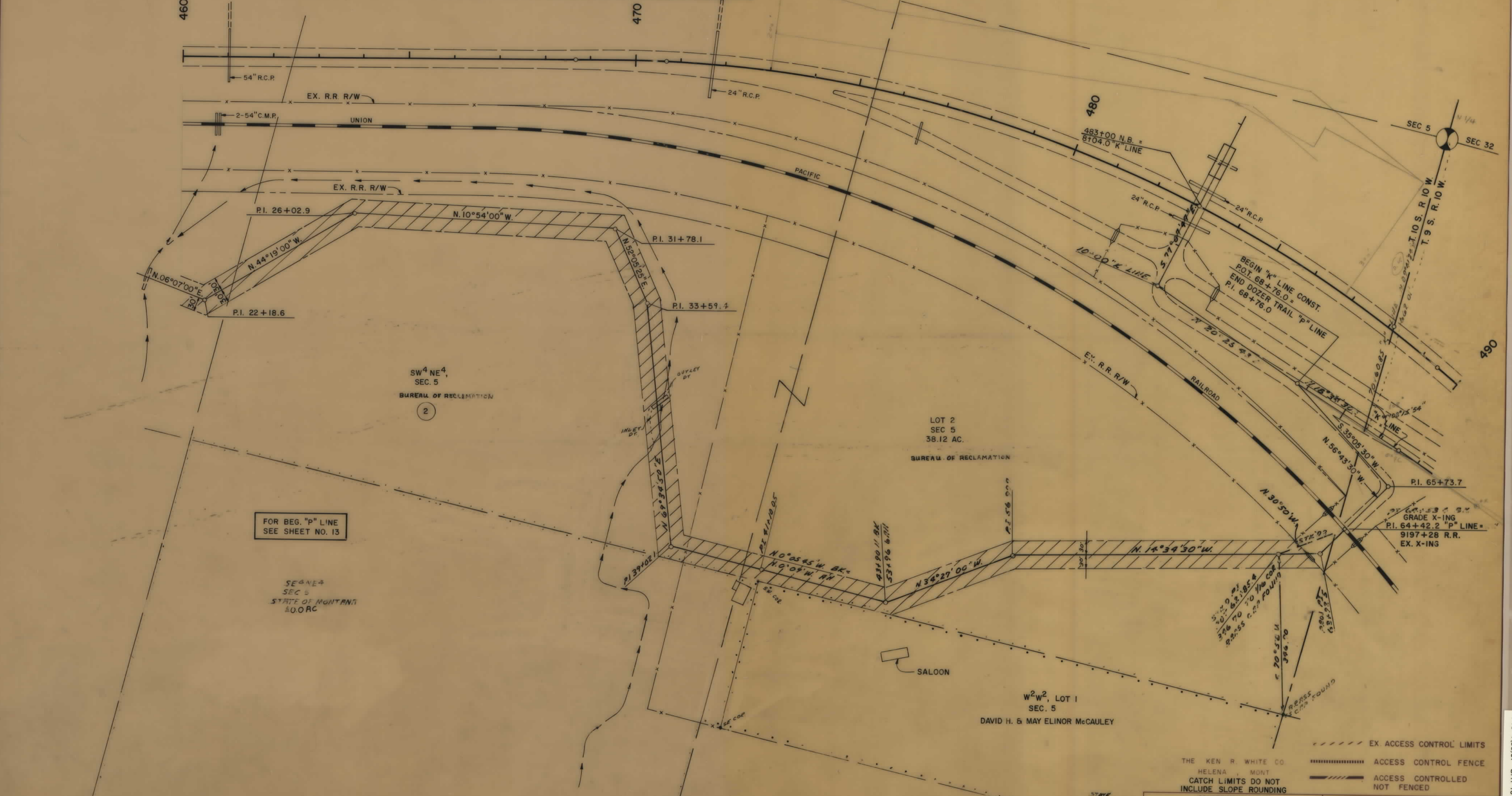
SCALE
100' MAP COMPLETED

OWNERSHIPS												
PARCEL	NAME	ADDRESS	TOTAL ACREAGE	GROSS TAKE ACREAGE	PT.W. ACREAGE	NET TAKE ACREAGE	REMAINDER		CONST. PERMIT		EASEMENT	
							LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT
2	BUREAU OF RECLAMATION			17.65 AC.	0	17.65 AC.			14.7 AC.			
3	DELETED											
10	DELETED											

NOTE:
FOR INTERSTATE DETAIL
SEE SHEET NO. 14

FED. ROAD DIV. NO.	STATE	F.A.P. NOS.	STATE NO.	SHEET NO.	TOTAL SHEETS
8	MONT.	115-1 (51)37	115-1 (38)37	8151-38	16

ARMSTEAD NORTH & SOUTH



FOR BEG. "P" LINE
SEE SHEET NO. 13

SE⁴NE⁴
SEC 5
STATE OF MONTANA
B.O.R.C.

THE KEN R. WHITE CO.
HELENA, MONT.
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INCLUDE SLOPE ROUNDING

CONSTRUCTION LIMITS
TOP OF CUT
TOE OF FILL

STATE OF MONTANA
STATE HIGHWAY COMMISSION
LAND REQUIRED FOR RIGHT OF WAY
BEAVERHEAD COUNTY
SCALE
MAP COMPLETED

EX ACCESS CONTROL LIMITS
ACCESS CONTROL FENCE
ACCESS CONTROLLED
NOT FENCED

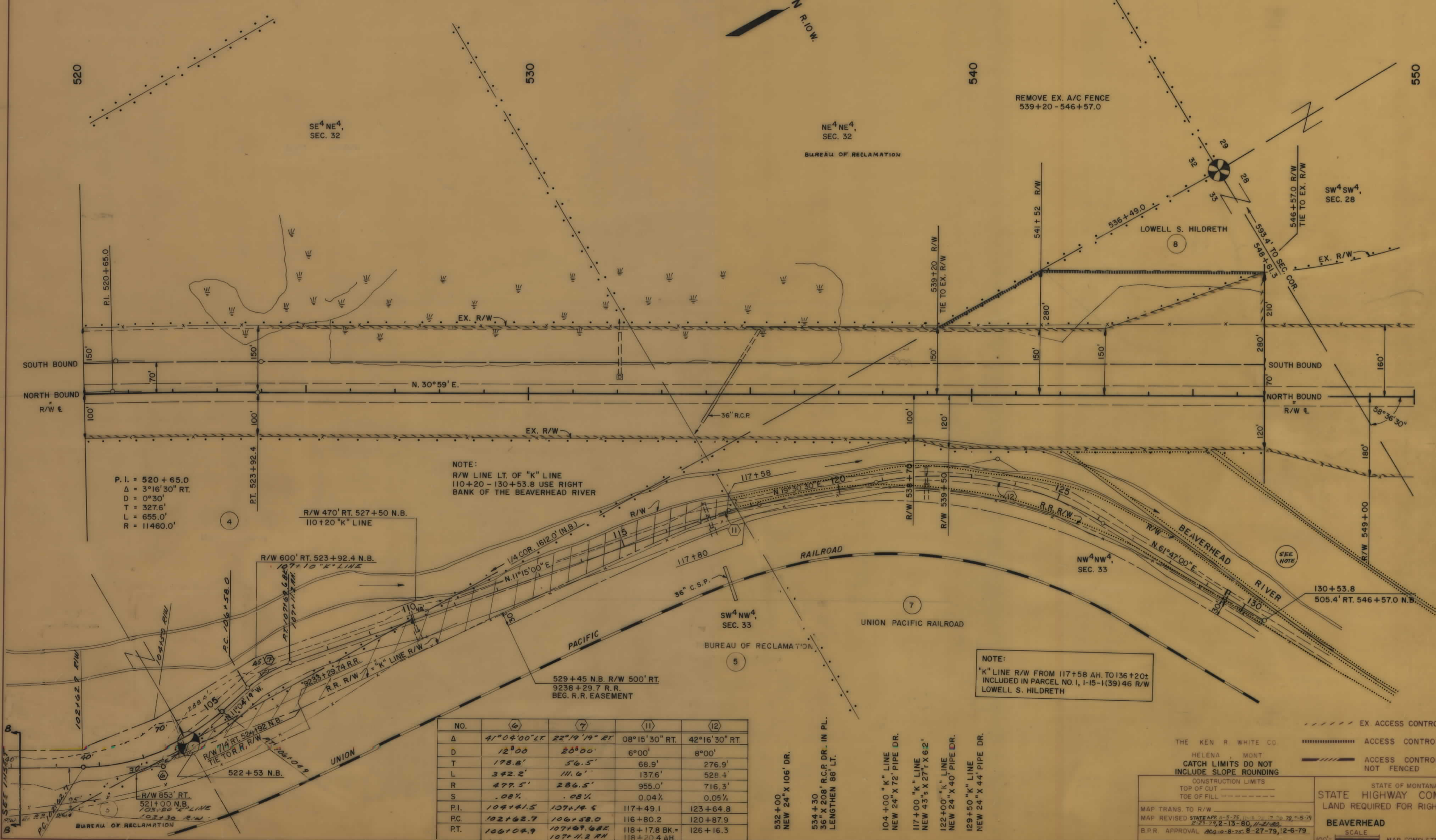
MAP TRANS. TO R/W
MAP REVISED
B.P.R. APPROVAL 880.10-8.25, 7-3-79, 8-27-79
10-12-79, 12-18-79

115-1(38)37 SH1 16 OF 18

OWNERSHIPS												
PARCEL	NAME	ADDRESS	TOTAL ACREAGE	GROSS TAKE ACREAGE	PT.W. ACREAGE	NET TAKE ACREAGE	REMAINDER		CONST. PERMIT		EASEMENT	
							LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT
4	JAMES P. & IRENE E. MELTON	336 SO. RIFE, DILLON MONT.	58.52	5.74 AC.	0	5.74 AC.	34.35 AC.	18.93 AC.				
5	BUREAU OF RECLAMATION			1.93	0	1.93						
6	DELETED											
7	UNION PACIFIC RAILROAD	SEE SHEET NO. 18										
8	LOWELL S. HILDRETH	SEE SHEET NO. 18										

FED. ROAD DIV. NO.	STATE	F.A.P. NO.	STATE	SHEET NO.	TOTAL SHEETS
8	MONT.	115-1 (51)37	115-1 (38)37	8151-38	17

ARMSTEAD NORTH & SOUTH



P.I. = 520 + 65.0
 $\Delta = 3^{\circ}16'30''$ RT.
 $D = 0^{\circ}30'$
 $T = 327.6'$
 $L = 655.0'$
 $R = 11460.0'$

NOTE:
 R/W LINE LT. OF "K" LINE
 110+20 - 130+53.8 USE RIGHT
 BANK OF THE BEAVERHEAD RIVER

NOTE:
 "K" LINE R/W FROM 117+58 AH. TO 136+20±
 INCLUDED IN PARCEL NO. 1, 1-15-1(39)46 R/W
 LOWELL S. HILDRETH

NO.	(6)	(7)	(11)	(12)
Δ	$41^{\circ}04'00''$ LT.	$22^{\circ}19'19''$ RT.	$08^{\circ}15'30''$ RT.	$42^{\circ}16'30''$ RT.
D	12 ⁰⁰	20 ⁰⁰	6 ⁰⁰	8 ⁰⁰
T	178.8'	56.5'	68.9'	276.9'
L	342.2'	111.6'	137.6'	528.4'
R	477.5'	286.5'	955.0'	716.3'
S	.08%	.08%	0.04%	0.05%
P.I.	104+11.5	107+14.5	117+49.1	123+64.8
P.C.	102+62.7	106+58.0	116+80.2	120+87.9
P.T.	106+104.9	107+49.6±	118+17.8 BK±	126+16.3
		107+41.2 AH		

THE KEN R. WHITE CO.
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CONSTRUCTION LIMITS
 TOP OF CUT
 TOE OF FILL

STATE OF MONTANA
 STATE HIGHWAY COMMISSION
 LAND REQUIRED FOR RIGHT OF WAY

BEAVERHEAD COUNTY

SCALE 100' = 1" MAP COMPLETED

MAP TRANS TO R/W
 MAP REVISED STATE APP. 11-5-75 11-18-76 12-20-79 1-5-79
 2-21-79, 2-13-80, 11-2-80
 B.P.R. APPROVAL 400-10-8-25: 8-27-79, 12-6-79

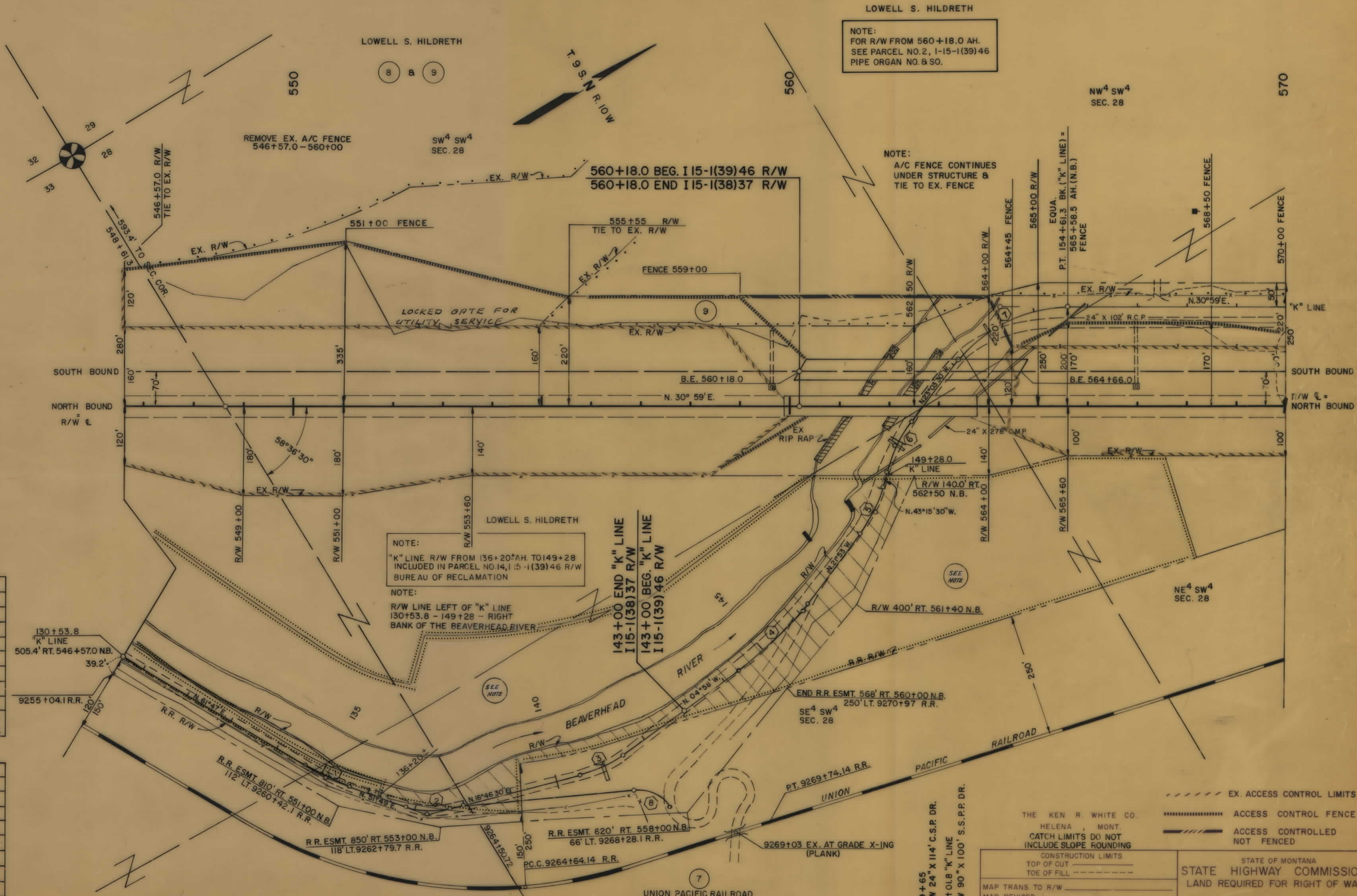
115-10937 SH 17 OF 18

OWNERSHIPS

PARCEL	NAME	ADDRESS	TOTAL ACREAGE	GROSS TAKE ACREAGE	PT.W. ACREAGE	NET TAKE ACREAGE	REMAINDER		CONST. PERMIT		EASEMENT	
							LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT
7	UNION PACIFIC RAILROAD											3.5
8	LOWELL S. HILDRETH	GRANT STAR RTE., DILLON, MONT.		1.3	0	1.3						
9	LOWELL S. HILDRETH	GRANT STAR RTE., DILLON, MONT.		0.7	0	0.7						
8-9	LOWELL S. HILDRETH	GRANT STAR RTE., DILLON, MONT.	2576.5	2.0	0	2.0	719.8	1854.7				

FED. ROAD DIV. NO.	STATE	F.A.P. NO.	STATE NO.	SHEET NO.	TOTAL SHEETS
8	MONT.	115-1 (51)37	115-1 (38)37	8151-38	18

ARMSTEAD NORTH & SOUTH



NOTE:
FOR R/W FROM 560+18.0 AH.
SEE PARCEL NO. 2, 1-15-1(39)46
PIPE ORGAN NO. 8 & SO.

NOTE:
A/C FENCE CONTINUES
UNDER STRUCTURE &
TIE TO EX. FENCE

NOTE:
"K" LINE R/W FROM 135+20 AH TO 149+28
INCLUDED IN PARCEL NO. 14, 1-15-1(39)46 R/W
BUREAU OF RECLAMATION

NOTE:
R/W LINE LEFT OF "K" LINE
130+53.8 - 149+28 - RIGHT
BANK OF THE BEAVERHEAD RIVER

NO.	①	②	③	④
Δ	9° 58'	35° 02' 30"	21° 44' 30"	16° 55'
D	10° 00'	38° 00'	23° 00'	10° 00'
L	99.7'	92.2'	94.5'	169.2'
T	50.0'	47.6'	47.8'	85.2'
R	573.0'	150.8'	249.1'	573.0'
S	0.08 %	0.08 %	0.08 %	0.08 %
P.I.	135+10.3	137+25.4	141+01.9	145+24.4
P.C.	134+60.3	136+77.8	140+54.1	144+39.2
P.T.	135+60.0 BK. = 135+58.9 AH.	137+70.0 BK. = 137+73.0 AH.	141+48.6 BK. = 141+49.7 AH.	146+08.4 BK. = 146+06.8 AH.

NO.	⑤	⑥	⑦	⑧
Δ	21° 22' 30"	23° 03' 30"	54° 02' 30"	63° 30'
D	20° 00'	20° 00'	20° 00'	—
L	106.9'	115.3'	270.2'	83.28'
T	54.1'	58.4'	146.1'	46.11'
R	286.5'	286.5'	286.5'	75.0
S	0.08 %	0.08 %	0.08 %	0.08 %
P.I.	148+52.9	149+91.4	153+37.2	4+04.0
P.C.	147+98.8	149+33.0	151+91.1	3+57.9
P.T.	149+05.7 BK. = 149+02.0 AH.	150+48.3 BK. = 150+49.8 AH.	154+61.3 BK. = 154+58.5 AH.	4+41.2

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STATE HIGHWAY COMMISSION
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BEAVERHEAD COUNTY

SCALE
100' = 1" MAP COMPLETED

MAP TRANS TO R/W
MAP REVISED
B.P.R. APPROVAL Acq. 10-2-75
State 2/18/77

1-15-1(39)37 SH-18 OF 18