

PLANS NOT
TO SCALE

MONTANA DEPARTMENT
OF TRANSPORTATION

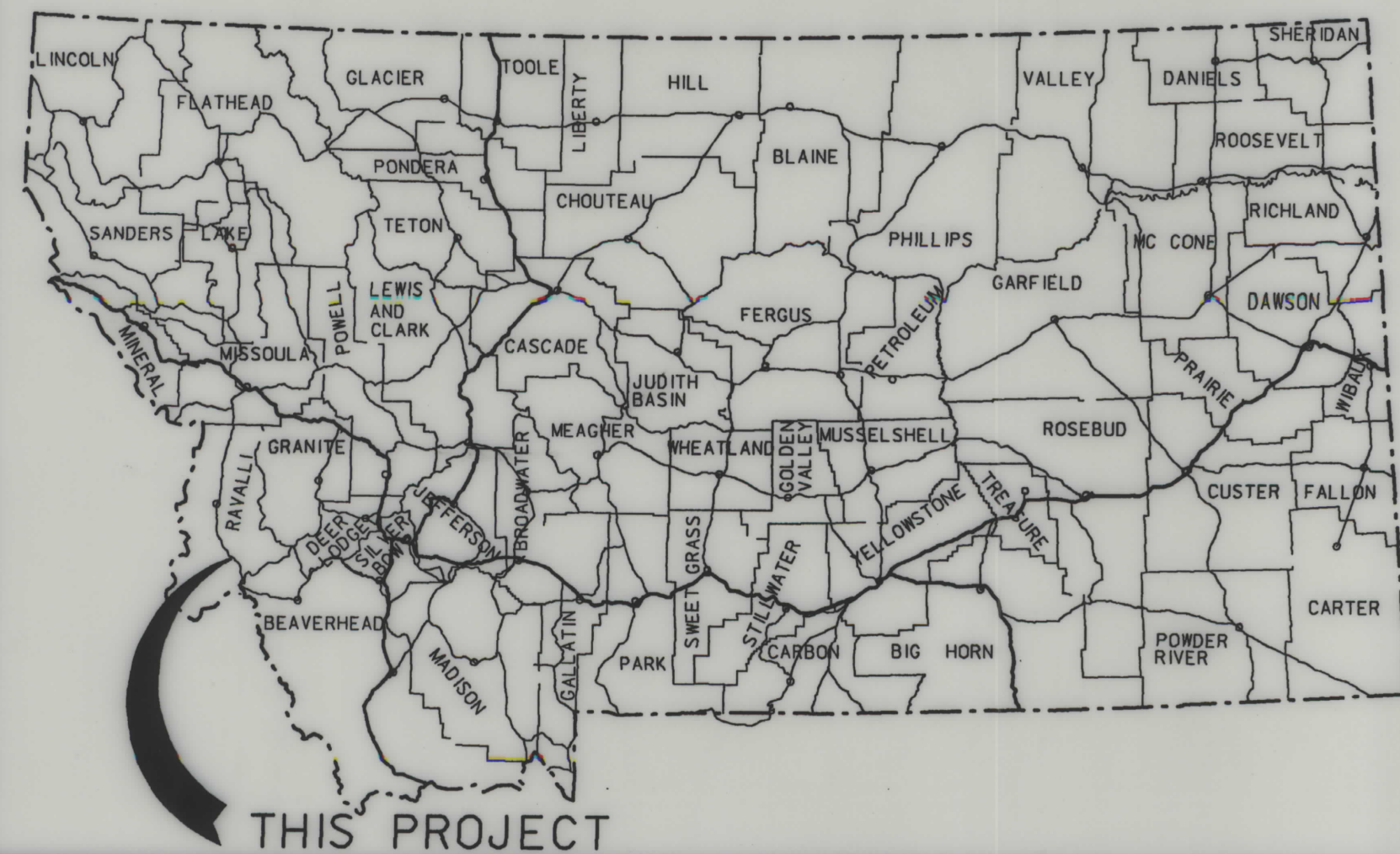
FORSGREN
ASSOCIATES / INC.

RDROW

MONTANA
CADD

3
2

DATE: 25-Nov-95 15:42
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CONVENTIONAL SIGNS

PROPOSED RIGHT OF WAY LINE	---
EXISTING RIGHT OF WAY LINE	---
RAILROAD RIGHT OF WAY LINE	---
CENTERLINE (C) OR PROJECTED LINE	---
STK'D CENTERLINE	---
SECTION LINE	---
OWNERSHIP BOUNDARY	---
COUNTY LINE	---
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	FOUND UNFOUND
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.	
I. C.	NH 7-1(57)9 F
CONSTR.	NH 7-1(58)9 F
P. E.	F-NH 7-1(40)9 F

RELATED PROJECTS	
F 19 C & D	

FHWA/DOT APPROVAL 12-18-95		
MAP REVISED	9-2-97	11-28-97

MONTANA DEPARTMENT OF TRANSPORTATION

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	NH 7-1(56)9 F	1	21
PROJECT NO. 1285-056		SULA - N. & S.	

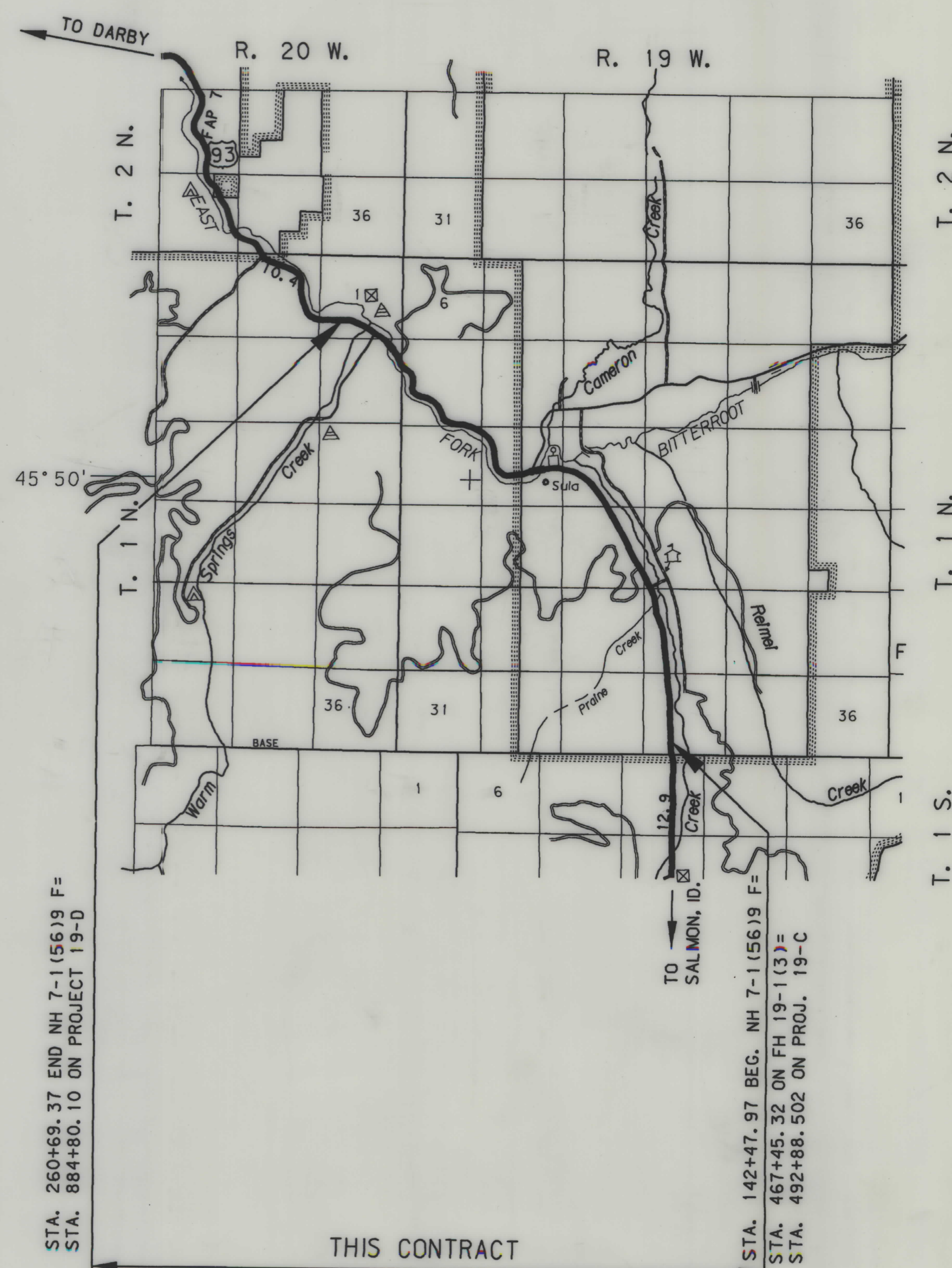
RIGHT OF WAY PLAN OF FEDERAL AID PROJECT NO. NH 7-1(56)9 F

SULA - N. & S.
RAVALLI COUNTY
LENGTH 11.8 KILOMETERS

SCALE

HORIZONTAL: 1 : 1000

REDUCED PRINTS APPROXIMATELY 1/2 ORIGINAL SCALE



SEE SHEET NO. 3 FOR OWNERSHIP
NAMES, ADDRESSES, AREAS, ETC.

THE BASIS OF BEARING WAS A SOLAR
OBSERVATION FROM POINT 8D TO 9A
WHICH IS N 07° 41' 31" W

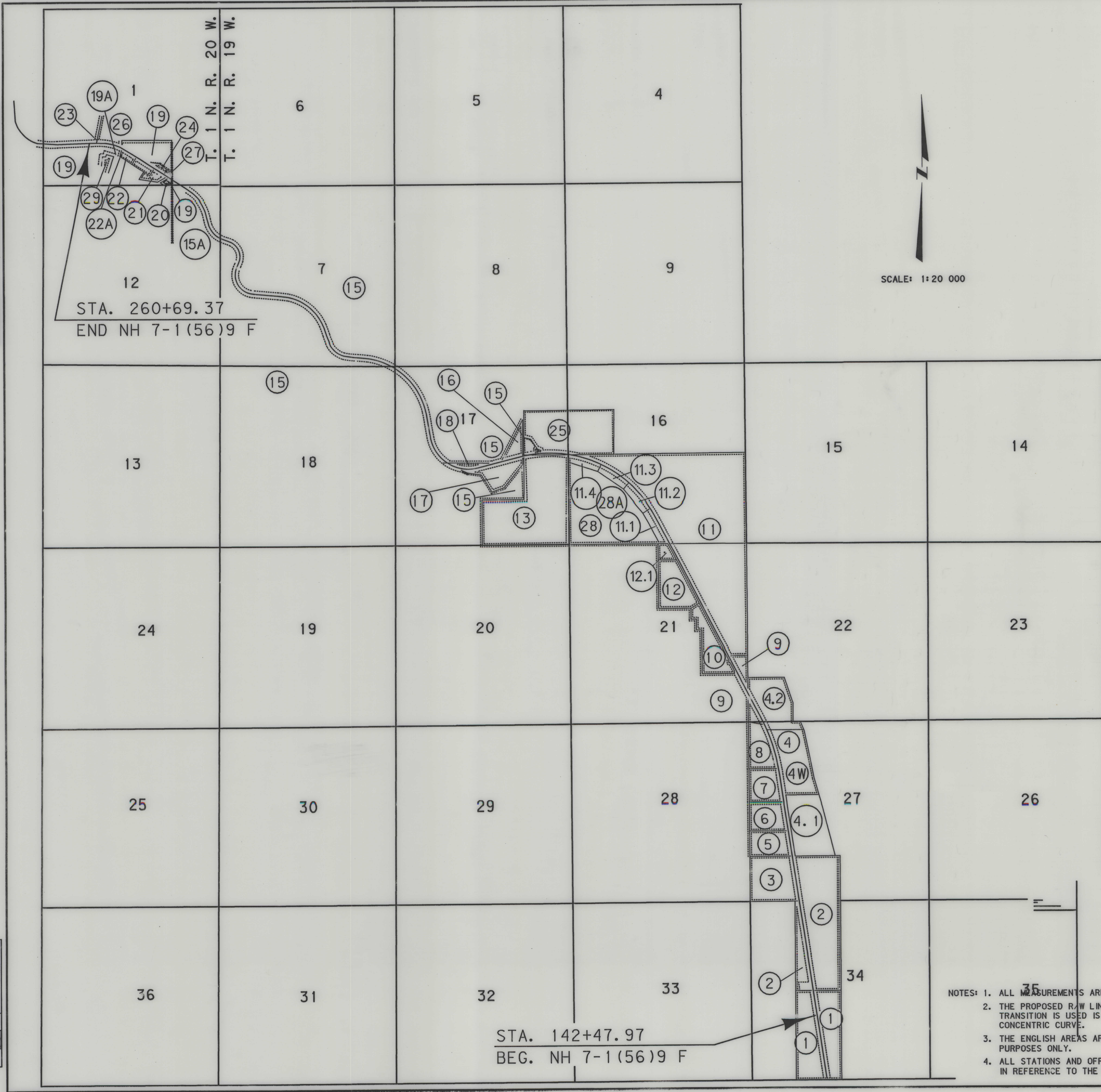
NOTES: 1. ALL MEASUREMENTS ARE METRIC EXCEPT AS NOTED

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	NH 7-1(56)9 F	2	21
PROJECT NO. 1285-056			
SULA - N. & S.			



RDROW

1285-056 1. ROW
05/08/03
04: 39: 01 PM
3 DPS - U2112
1



SCALE: 1:20 000

PARCEL	NAME	SHEET NO.
1	PEARL E. BADGER	4
	C/D JEFFREY & PHYLLIS FLAXMAN	
2	PEARL E. BADGER	4, 5, 6
	C/D WILLIAM GRASSER & SHARON BACON	
3	PEARL E. BADGER	6
4	PAUL H. & HELEN D. WETZSTEON	7, 8
	C/D LOUISE S. CONNER	
4.1	WILLIAM GRASSER	6, 7
5	VINCENT P., JR. & CLAIRE A. MERANDA	6, 7
6	JACK J. & DONNA JEAN SMITH	7
	C/D ROBERT AND RONDA JENSEN	
7	JEANNEE CHRIST	7
8	MAX N. TRUMPOWER & JEANNE ROSENBERG	7, 8
9	UNITED STATES FOREST SERVICE	8, 9
10	ALBERT H. COLYER	9, 10
11	CAMP CREEK RANCH, INC. ET AL	9, 10, 11, 12
11.1	SHIRLEY DIANNE EHMANN	11
11.2	PETER A. EHMANN	11
11.3	RYAN JOSEPH EHMANN	11, 12
11.4	DEAN PATRICK EHMANN	12
12	RICHARD C. & BERNA M. PINGREE	10
12.1	DAVID & KATHERINE C. JAMES	10, 11
13	STATE OF MONTANA	12, 13
14	DELETED	
15	UNITED STATES FOREST SERVICE	13-20
16	LARRY DEE & CHRISTINE FABION GOODMAN	13
17	SULA STORE, LLC	13, 14
18	JOHN, JEAN & DAVID COULTAS	13, 14
19	VIOLET M. ROBERTS	20, 21
20	WALTER SCOTT & ARDITH J. MACLEAN ETAL	20
21	CHARLES E. LORD	20, 21
	C/D COWBOY COUNTRY ART	
22	PENELOPE F. COFRIN	21
23	EDWARD E. LORD, TRUSTEE & THELMA LEE ROBINSON	21
24	JERYL S. KIRK	20
25	BERTCH COMPANY, LLC	12, 13
15A	UNITED STATES FOREST SERVICE	19
28A	GERARD EHMANN	12
26, 27	DELETED	
28	GERARD EHMANN	
4W	PAUL H. & HELEN D. WETZSTEON	11, 12
	C/D LOUISE S. CONNER	7, 8
4.2	PAUL H. & HELEN D. WETZSTEON	8
	C/D DONNA JEAN BOYER	
19A	VIOLET M. ROBERTS	21
22A	PENELOPE F. COFRIN	21
29	MALCOLM L. & HOPE H. LOCKWOOD	21

- 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 CUT	TOE OF FILL
FHWA/DOT APPROVAL 12-18-95			
MAP REVISED	9-2-97	11-28-97	12-17-97
	12-22-97	2-27-98	3-3-98
	6-8-98	9-17-98	2-10-00 1-8-02 03-08-02,

MONTANA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
RAVALLI COUNTY

SCALE 1:1000

0 50M 100M

OWNERSHIP

STATE	RIGHT OF WAY ID.	SHEET	TOTAL
		NO.	SHEETS
MONTANA	NH 7-1 (56) 9 F	3	21

PROJECT NO. 1285-056

SULA - N. & S.

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	PEARL E. BADGER	627 GRANTSDALE ROAD,	~	~	0.466 ha	1.15 Ac.			0.466 ha	1.15 Ac.	~	~	~	~					4
	C/D JEFFREY & PHYLLIS FLAXMAN	HAMILTON, MT 59840																	
2	PEARL E. BADGER	627 GRANTSDALE ROAD,	~	~	1.841 ha	4.55 Ac.			1.841 ha	4.55 Ac.	~	~	~	~	0.060 ha	0.15 Ac.			4, 5, 6
	C/D WILLIAM GRASSER & SHARON BACON	HAMILTON, MT 59840																	
3	PEARL E. BADGER	627 GRANTSDALE ROAD, HAMILTON, MT 59840	~	~	1.324 ha	3.27 Ac.	0.628 ha	1.55 Ac.	0.697 ha	1.70 Ac.	~	~							6
4	PAUL H. & HELEN D. WETZSTEON	2917 RONAN DRIVE, BILLINGS, MT 59102	16.309ha	40.30AC	0.055 ha	0.14 AC			0.055 ha	0.14 AC			16.254ha	40.16 AC					7, 8
	C/D LOUISE S. CONNER																		
4.1	WILLIAM GRASSER	SE 659 GRANTSDALE RD, HAMILTON, MT. 59840			0.084 ha	0.22 ac			0.084 ha	0.22 ac									6, 7
4W	PAUL H. & HELEN D. WETZSTEON	2917 RONAN DRIVE, BILLINGS, MT 59102			16.254ha	40.16 AC			16.254ha	40.16 AC									7, 8
	C/D LOUISE S. CONNER																		
4.2	PAUL H. & HELEN D. WETZSTEON	2917 RONAN DRIVE, BILLINGS, MT 59102	16.325ha	40.34AC	0.185ha	0.46AC			0.185ha	0.46AC			16.140ha	39.88AC	0.090 ha	0.22 Ac.			8
	C/D DONNA JEAN BOYER																		
4.2W	PAUL H. & HELEN D. WETZSTEON	2917 RONAN DRIVE, BILLINGS, MT 59102	16.140ha	39.88AC	16.140ha	39.88AC			16.140ha	39.88AC									8
	C/D DONNA JEAN BOYER																		
5	VINCENT P., JR & CLAIRE A. MERANDA	1200 VAL DRIVE, MARYSVILLE, CA 95901	8.094 ha	20.00 Ac.	0.412 ha	1.02 Ac.	-0-	-0-	0.412 ha	1.02 Ac.	7.684 ha	18.99 Ac.							6, 7
6	JACK J. & DONNA JEAN SMITH C/D ROBERT AND RONDA JENSEN	P.O. BOX 24, DARBY, MT 59829	8.098 ha	20.01 Ac.	0.469 ha	1.16 Ac.	-0-	-0-	0.469 ha	1.16 Ac.	7.633 ha	18.86 Ac.							7
7	JEANNIE CHRIST	P.O. BOX 29, BONSALL, CA 52002	8.098 ha	20.01 Ac.	0.731 ha	1.81 Ac.	-0-	-0-	0.731 ha	1.81 Ac.	7.367 ha	18.20 Ac.							7
8	MAX N. TRUMPOWER & JEANNE ROSENBERG	121 OLD TOPANGA RD., TOPANGA, CA 90290	9.713 ha	24.00 Ac.	1.926 ha	4.76 Ac.	-0-	-0-	1.926 ha	4.76 Ac.	7.787 ha	19.24 Ac.							7, 8
9	UNITED STATES FOREST SERVICE	SULA RANGER STATION, SULA, MT 59871	~	~	1.066 ha	2.63 Ac.	0.637 ha	1.57 Ac.	0.430 ha	1.06 Ac.	~	~	~	~	0.021 ha	0.05 Ac.			8, 9
10	ALBERT H. COLYER	7423 HWY. 93 S, SULA MT 59871	11.270 ha	27.85 Ac.	1.456 ha	3.60 Ac.	-0-	-0-	1.456 ha	3.60 Ac.	9.814 ha	24.25 Ac.					*0.307ha	0.76 Ac.	9, 10
11	CAMP CREEK RANCH, INC. ET AL	339 EDWARDS ROAD, SULA, MT 59871	~	~	4.308 ha	10.64 Ac.	3.478 ha	8.59 Ac.	0.830 ha	2.05 Ac.			~	~	0.454 ha	1.12 Ac.			9, 10, 11,
11.1	SHIRLEY DIANNE EHMANN	339 EDWARDS ROAD, SULA, MT 59871	2.048 ha	5.06 AC	1.103 ha	2.73 AC	-0-	-0-	1.103 ha	2.72 AC	0.945 ha	2.33 AC							11
11.2	PETER A. EHMANN	339 EDWARDS ROAD, SULA, MT 59871	2.116 ha	5.23 AC	0.648 ha	1.60 AC	-0-	-0-	0.648 ha	1.60 AC	1.468 ha	3.63 AC							11
11.3	RYAN JOSEPH EHMANN	683 B EMILY DRIVE, BOZEMAN, MT 59718	2.056 ha	5.08 AC	1.108 ha	2.74 AC	-0-	-0-	1.108 ha	2.74 AC	0.948 ha	2.34 AC							11, 12
11.4	DEAN PATRICK EHMANN	140 EDWARDS LANE, SULA, MT 59871	2.189 ha	5.41 AC	1.311 ha	3.24 AC	-0-	-0-	1.311 ha	3.24 AC	0.878 ha	2.17 AC							12
12	RICHARD C. & BERNA M. PINGREE	P.O. BOX 68, DARBY, MT 59829	12.626 ha	31.20 AC	0.930 ha	2.30 AC	-0-	-0-	0.930 ha	2.30 AC	11.696 ha	28.90 Ac.					*0.234 ha	0.58 Ac.	10
12.1	DAVID & KATHERINE C. JAMES	171 N KLONDIKE RD. REPUBLIC WA. 99166	2.024 ha	5.00 Ac.	0.411 ha	1.02 Ac.	-0-	-0-	0.411 ha	1.02 Ac.	1.613 ha	3.98 Ac.					*0.048 ha	0.12 Ac.	10, 11
13	STATE OF MONTANA		16.188ha	40.00ac	1.447 ha	3.57 Ac.	-0-	-0-	1.447 ha	3.57 Ac.	14.741ha	36.43ac							12, 13
14	DELETED																		
15	UNITED STATES FOREST SERVICE	SULA RANGER STATION, SULA MT 59871	~	~	29.477 ha	72.84 Ac.	13.774 ha	34.04 Ac.	15.703 ha	38.80 Ac.	~	~	~	~	5.014 ha	12.39 Ac.			13-20
15A	UNITED STATES FOREST SERVICE	SULA RANGER STATION, SULA MT 59871			0.212 ha	0.52 Ac.	-0-	-0-	0.212 ha	0.52 Ac.									19
16	LARRY DEE & CHRISTINE FABIAN GOODMAN	22343 CHERAW DR., SAUGAS, CA 91350	3.084 ha	7.62 Ac.	0.249 ha	0.62 Ac.	-0-	-0-	0.249 ha	0.62 Ac.			2.835 ha	7.00 Ac.	0.111 ha	0.27 Ac.			13
17	JOHN W. COULTAS, ET AL C/D SULA STORE, LLC	P.O. BOX 172, ST. REGIS, MT 59866	6.734 ha	16.64 Ac.	1.713 ha	4.23 Ac.	-0-	-0-	1.713 ha	4.23 Ac.	5.021 ha	12.41 Ac.	~	~					13, 14
18	JOHN, JEAN & DAVID COULTAS	P.O. BOX 172, ST. REGIS, MT 59866	1.125 ha	2.78 Ac.	0.790 ha	1.95 Ac.	-0-	-0-	0.790 ha	1.95 Ac.			0.335 ha	0.83 Ac.					13, 14
19	VIOLET M. ROBERTS	U S 93 SOUTH SULA, MT 59871	~	~	4.290 ha	10.60 Ac.	3.502 ha	8.65 Ac.	0.778 ha	1.95 Ac.	~	~							20, 21
19A	VIOLET M. ROBERTS	U S 93 SOUTH SULA, MT 59871			0.142 ha	0.35 Ac.			0.142 ha	0.35 Ac.									21
20	WALTER SCOTT & ARDATH J. MACLEAN ETAL	2632 West STONY BROOK DR., ANAHEIM, CA 92804	0.352 ha	0.87 Ac.	0.138 ha	0.34 Ac.	0.073 ha	0.18 Ac.	0.065 ha	0.16 Ac.	0.214 ha	0.53 Ac.							20
21	CHARLES E. LORD C/D COWBOY COUNTRY ART	6457 HWY 93 SO., CONNER, MT 59827	4.148 ha	10.25 Ac.	0.350 ha	0.86 Ac.	-0-	-0-	0.350 ha	0.86 Ac.	3.798 ha	9.39 Ac.			#0.022ha	#0.05 Ac			20, 21
22	PENELOPE F. COFRIN	HC 10, BOX 45, CONNER, MT 59827	0.911 ha	2.25 Ac.	0.212 ha	0.52 Ac.	0.069 ha	0.17 Ac.	0.143 ha	0.35 Ac.	0.768 ha	1.90 Ac.							21
22A	PENELOPE F. COFRIN	HC 10, BOX 45, CONNER, MT 59827	0.768 ha	1.90 Ac.	0.025 ha	0.06 Ac.			0.025 ha	0.06 Ac.	0.743 ha	1.84 Ac.							21
23	EDWARD E. LORD, TRUSTEE & THELMA LEE ROBINSON	1127 ALMA COURT, CLAREMONT, CA 91711			0.031 ha	0.08 Ac.	-0-	-0-	0.031 ha	0.08 Ac.									21
24	JERYL S. KIRK	HC 33, BOX 48, CONNER, MT 59827			0.141 ha	0.35Ac.	0.104 ha	0.26 ac	0.037 ha	0.09 Ac.					0.033 ha	0.08 Ac.			20
25	BERTCH COMPANY, LLC	21906 NE 140TH WAY, WOODINVILLE WA 98072			1.161 ha	2.87 Ac.	1.127 ha	2.78 Ac.	0.036 ha	0.09 Ac.									12, 13
26	DELETED																		
27	DELETED																		
28	GERARD EHMANN	339 EDWARDS RD, SULA, MT 59871	39.332 ha	97.19 Ac.	0.232 ha	0.57 Ac.			0.232 ha	0.57 Ac.	39.100 ha	96.22 Ac.							11, 12
28A	GERARD EHMANN	339 EDWARDS RD, SULA, MT 59871		96.22 Ac.	0.796 ha	1.97 Ac.			0.796 ha	1.97 Ac.	38.536 ha	94.25 Ac.							12
29	MALCOLM L. & HOPE H. LOCKWOOD	154 BERTIE LORD LANE, CONNER, MT 59827	2.614 ha	6.46 Ac.	0.027 ha	0.07 Ac.			0.027 ha	0.07 Ac.	2.587 ha	6.39 Ac.							21

TO BE ACQUIRED AS TEMP. EASE.

NOTES: 1. ALL MEASUREMENTS ARE METRIC EXCEPT AS NOTED

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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:

FHWA/DOT APPROVAL 12-18-95

MAP REVISED	9-2-97	11-28-97	12-17-97
12-22-97	2-27-98	3-3-98	3-5-98
6-8-98	6-25-98	9-17-98	10-9-98

MONTANA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
RAVALLI COUNTY
SCALE 1:1000

SCALE 1:1000



0 50M 100M

* EASEMENT FOR IRRIGATION PURPOSES TO BE GRANTED UNTO EACH OTHER.

5-08-03 6-05-02 3-08-02 1-8-02 12-06-00 12-04-00 9-22-00 3-22-00 3-6-00

IN REFERENCE TO THE R/W BASELINE.

MONTANA DEPARTMENT
OF TRANSPORTATION

MONTANA
CADD

BROW

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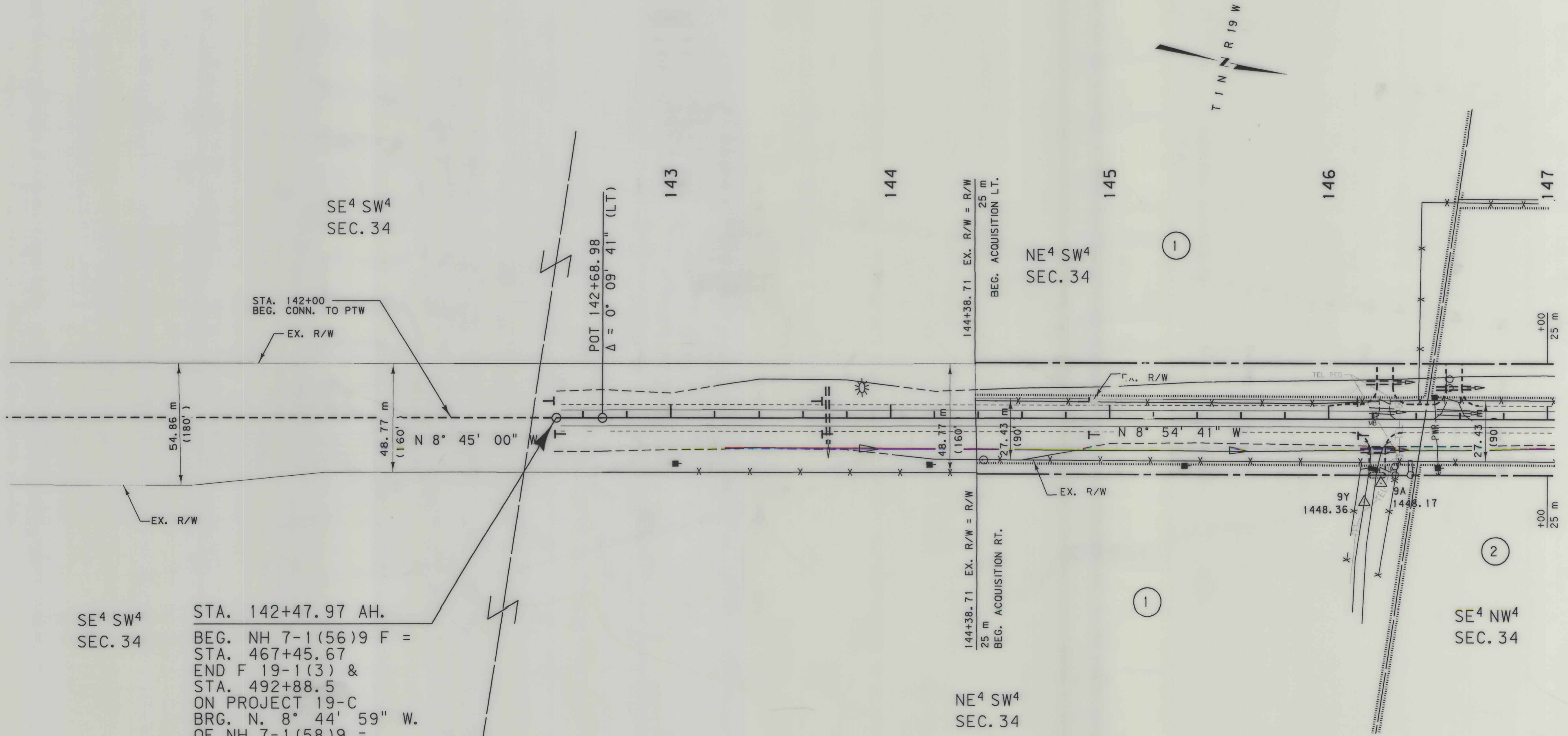
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NH 7-1(56)9 F SHT 3 of 21

SEE SHEET NO. 3 FOR OWNERSHIP NAMES, ADDRESSES, AREAS, ETC.

STATE	RIGHT OF WAY ID.	SHEET	TOTAL
		NO.	SHEETS
MONTANA	NH 7-1(56)9 F	4	21
PROJECT NO. 1285-056			
SULA - N. & S.			



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BACKSLOPE LIMITS INCLUDE ROUNDING
CONSTRUCTION LIMITS:
CUT SECTION
TOE OF FILL
TOE OF CUT
DITCH BOTTOM
FHWA/DOT APPROVAL 12-18-95
MAP REVISED 11-28-97 2-27-98

MONTANA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN

RAVALLI COUNTY

SCALE 1:1000

0 50M 100M

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	NH 7-1(56)9 F	5	21
PROJECT NO. 1285-056		SULA - N. & S.	

SEE SHEET NO. 3 FOR OWNERSHIP NAMES, ADDRESSES, AREAS, ETC.

MONTANA DEPARTMENT OF TRANSPORTATION

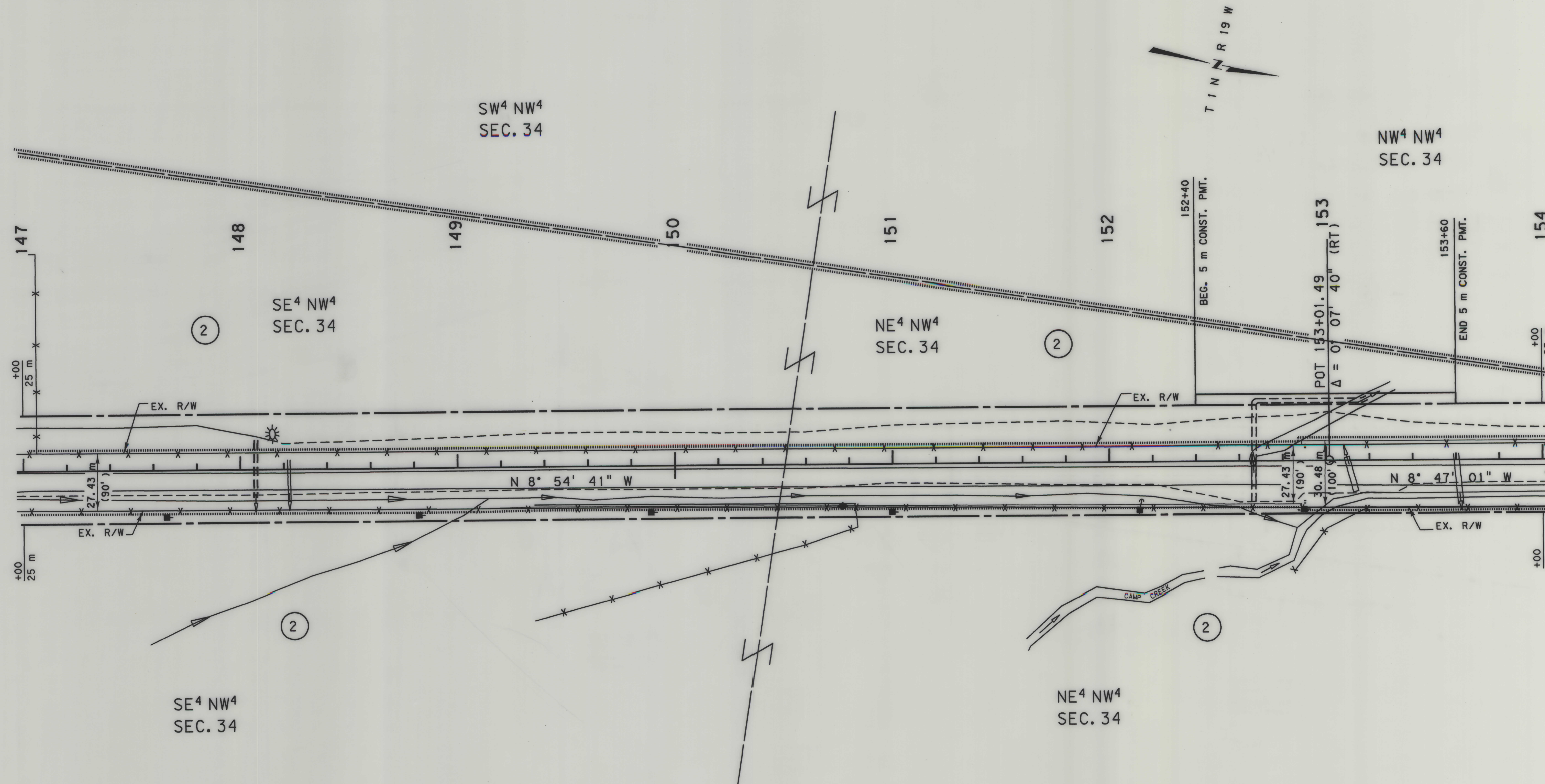
FORSYGREN ASSOCIATES, INC.

RDROW

MONTANA CADD

3
2
1

DATE: 8-Nov-96 13:50
FILE: J:\chgs\94132.dgn 1285p01.rdw

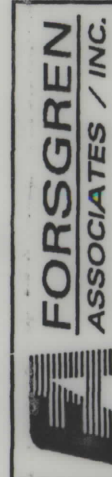


BACKSLOPE LIMITS INCLUDE ROUNDING
CONSTRUCTION LIMITS:
CUT SECTION
TOE OF FILL
TOE OF CUT
DITCH BOTTOM

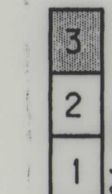
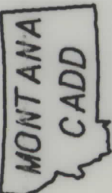
FHWA/DOT APPROVAL 12-18-95
MAP REVISED 11-28-97

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

0 50M 100M



RDROW



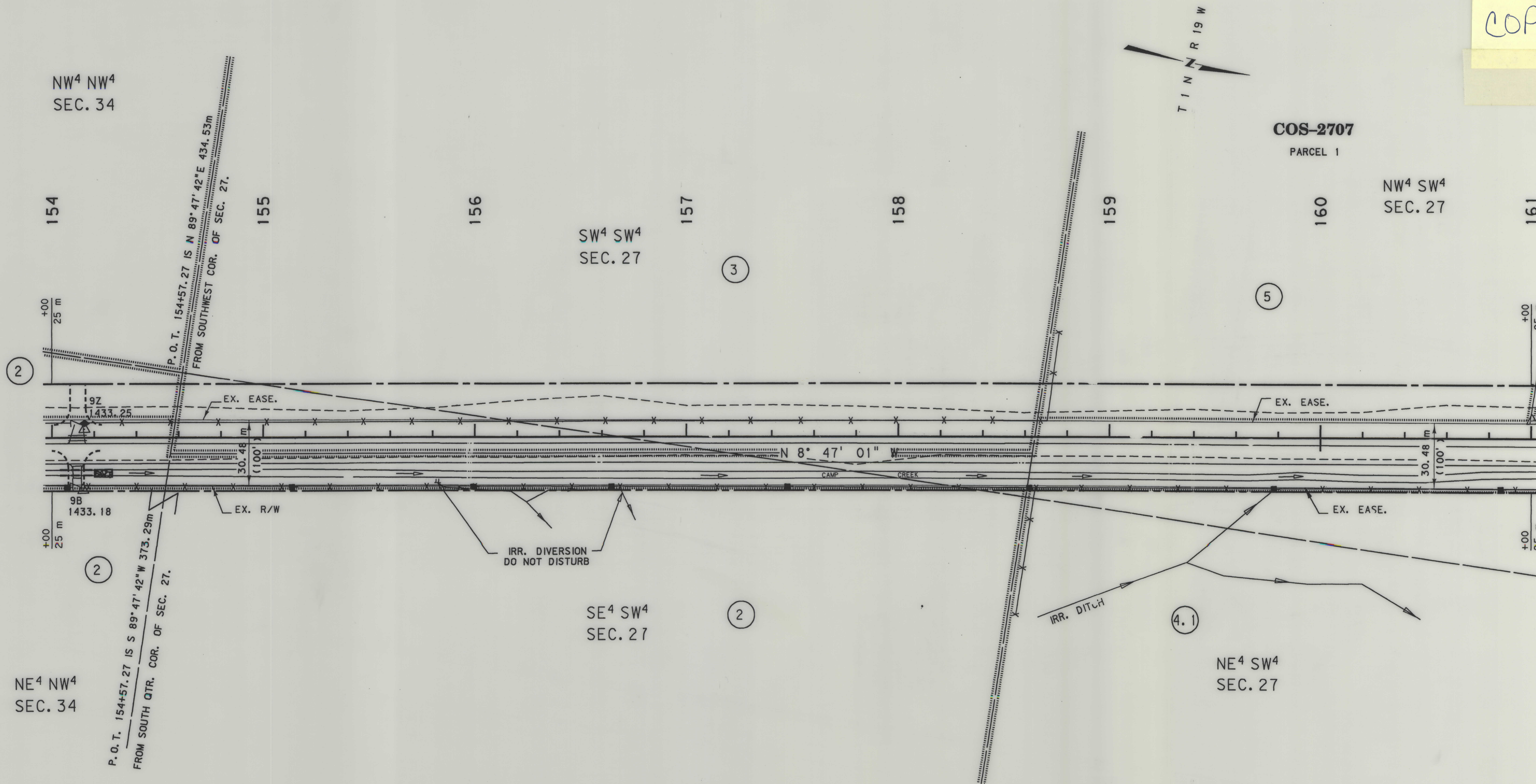
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SEE SHEET NO. 3 FOR OWNERSHIP NAMES, ADDRESSES, AREAS, ETC.

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	NH 7-1(56)9 F	6	21
PROJECT NO.		1285-056	

SULA - N. & S.

COPY

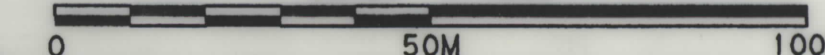


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BACKSLOPE LIMITS INCLUDE ROUNDING	TOP OF CUT
CONSTRUCTION LIMITS:	CUT SECTION
	TOE OF FILL
	DITCH BOTTOM
FHWA/DOT APPROVAL 12-18-95	
MAP REVISED 11-28-97 12-17-97	

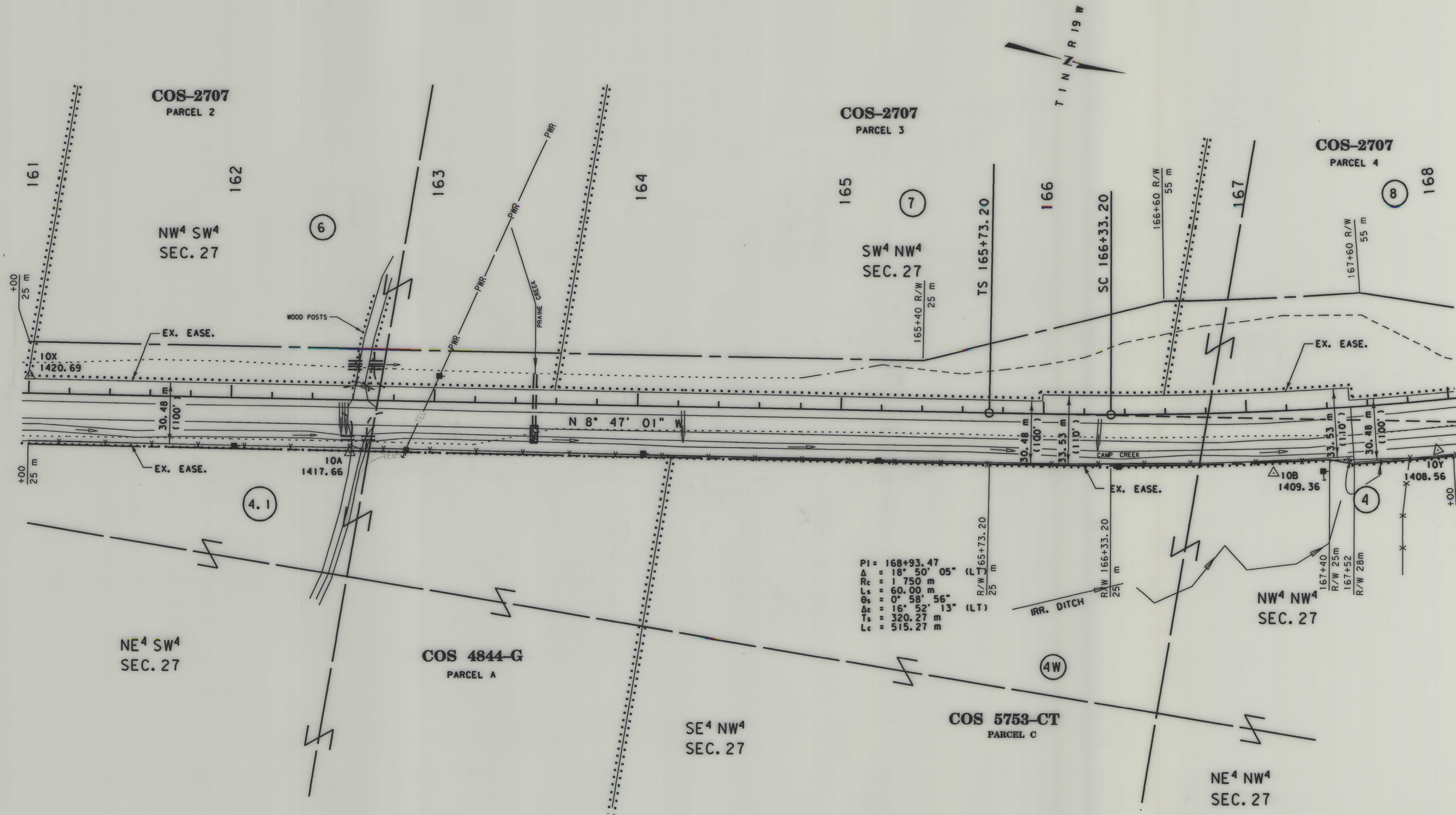
MONTANA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
RAVALLI COUNTY
SCALE 1:1000



SEE SHEET NO.3 FOR OWNERSHIP NAMES, ADDRESSES, AREAS, ETC.

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MONTANA	NH 7-1(56)9 F	7	21
PROJECT NO. 1285-056		SULA - N. & S.	



PI = 168+93.47
 Δ = 18° 50' 05"
 R_c = 1750 m
 L_s = 60.00 m
 θ_s = 0° 58' 56"
 Δ_c = 16° 52' 13" (LT)
 T_s = 320.27 m
 L_c = 515.27 m

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BACKSLOPE LIMITS INCLUDE ROUNDING	TOP OF CUT
CONSTRUCTION LIMITS:	CUT SECTION
	TOE OF FILL
FHWA/DOT APPROVAL 12-18-95	
MAP REVISED 11-28-97 12-17-97 1-10-00	
2-10-00	

MONTANA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
RAVALLI COUNTY

SCALE 1:1000

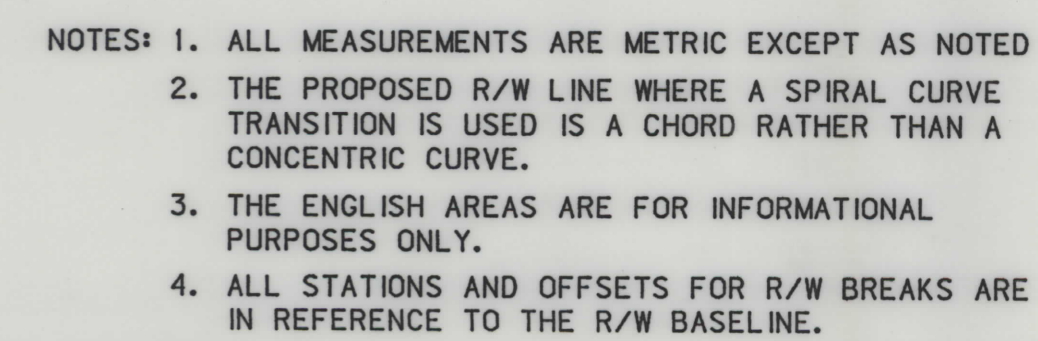
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SEE SHEET NO. 3 FOR OWNERSHIP NAMES, ADDRESSES, AREAS, ETC.

FORSGREN ASSOCIATES, INC.
MONTANA

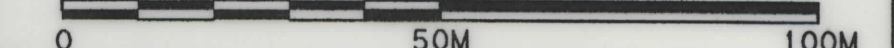
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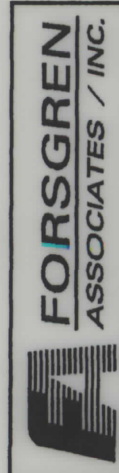


FHWA/DOT APPROVAL	12-18-95
MAP REVISED	11-28-97 8-31-99 2-10-00 9-22-00

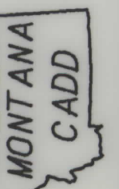
RIGHT OF WAY PLAN
RAVALLI COUNTY
SCALE 1:1000



NH 7-1(56)9 F SHT 8 of 21



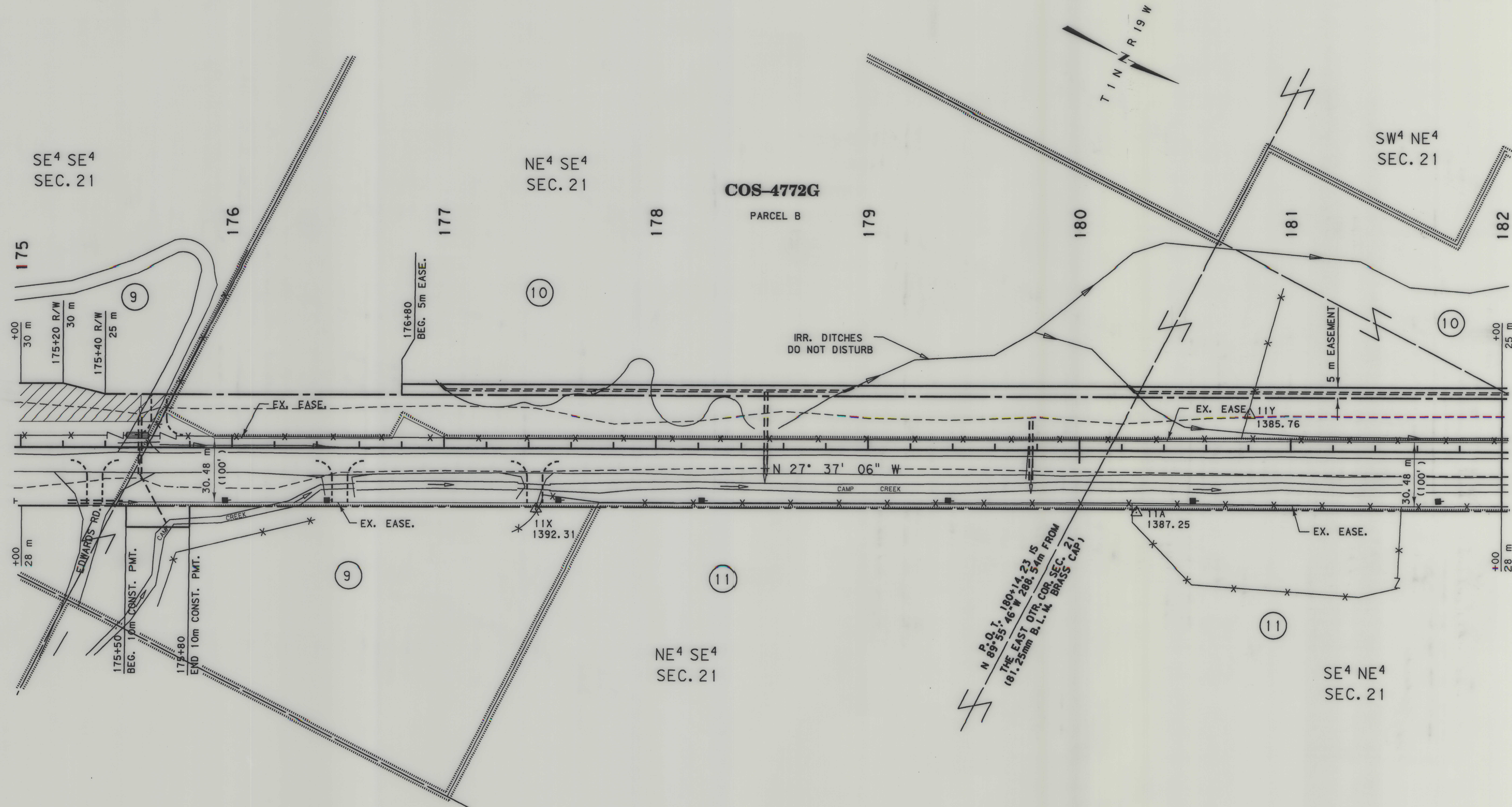
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SEE SHEET NO. 3 FOR OWNERSHIP NAMES, ADDRESSES, AREAS, ETC.

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	NH 7-1(56)19 F	9	21
PROJECT NO. 1285-056		SULA - N. & S.	



- 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.

BACKSLOPE LIMITS INCLUDE ROUNDING
CONSTRUCTION LIMITS:
CUT SECTION
TOE OF FILL
TOP OF CUT
DITCH BOTTOM
FHWA/DOT APPROVAL 12-18-95
MAP REVISED 11-28-97 12-22-97

MONTANA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
RAVALLI COUNTY
SCALE 1:1000

0 50M 100M

SEE SHEET NO. 3 FOR OWNERSHIP NAMES, ADDRESSES, AREAS, ETC.

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	NH 7-1(56)9 F	10	21
PROJECT NO. 1285-056			
SULA - N. & S.			

MONTANA DEPARTMENT OF TRANSPORTATION

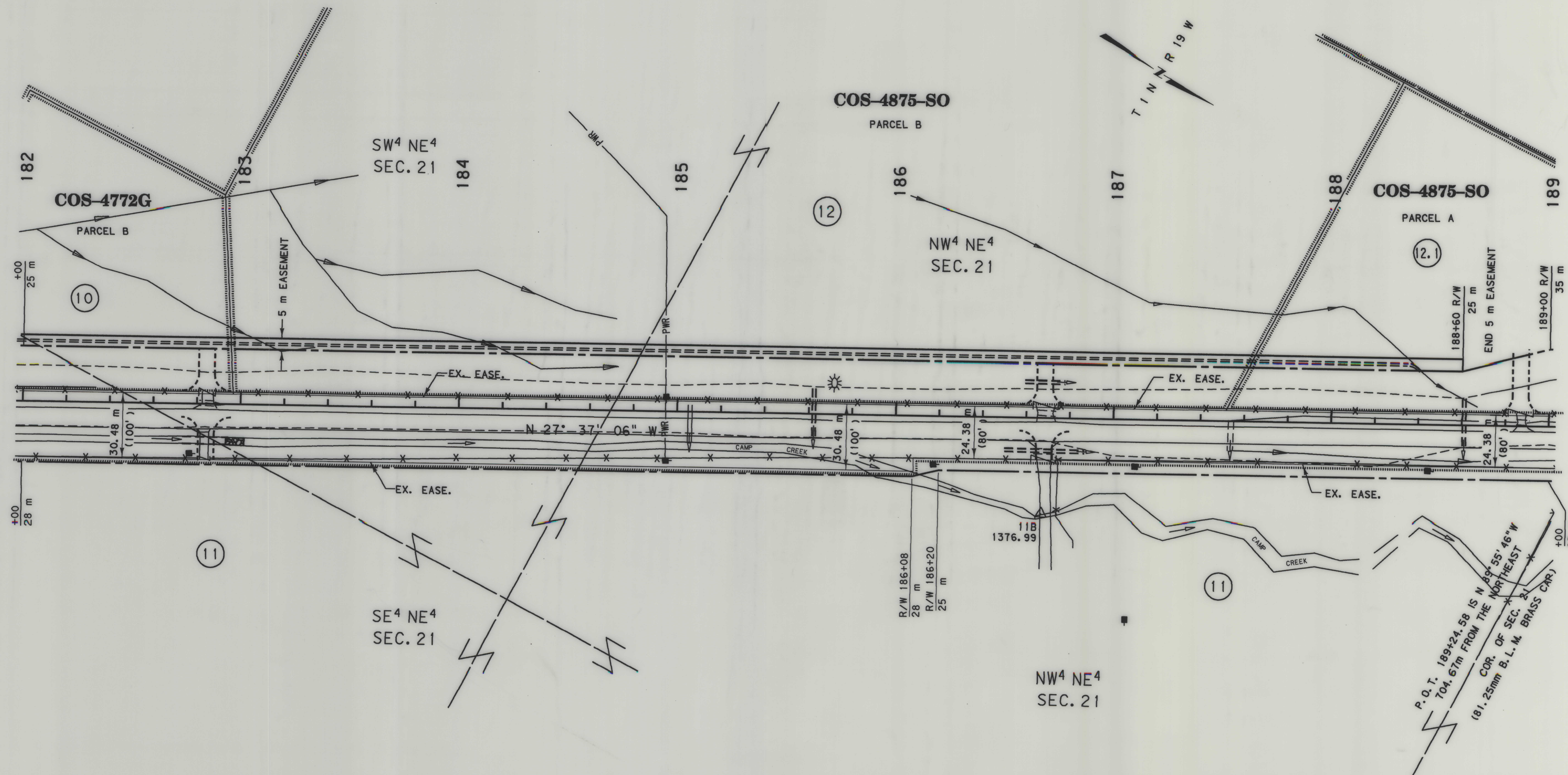
FORSYGREN ASSOCIATES / INC.

RDRW

MONTANA CADD

3
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1

DATE: 8-14-95 13:56
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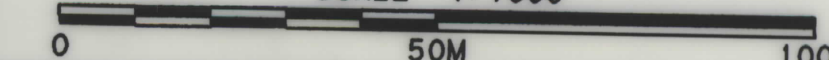
- NOTES: 1. ALL MEASUREMENTS ARE METRIC EXCEPT AS NOTED
2. THE PROPOSED R/W LINE WHERE A SPIRAL CURVE TRANSITION IS USED IS A CHORD RATHER THAN A CONCENTRIC CURVE.

BACKSLOPE LIMITS INCLUDE ROUNDING	TOP OF CUT
CONSTRUCTION LIMITS:	CUT SECTION
	TOE OF FILL
	DITCH BOTTOM
FHWA/DOT APPROVAL 12-18-95	
MAP REVISED 11-28-97	

MONTANA DEPARTMENT OF TRANSPORTATION

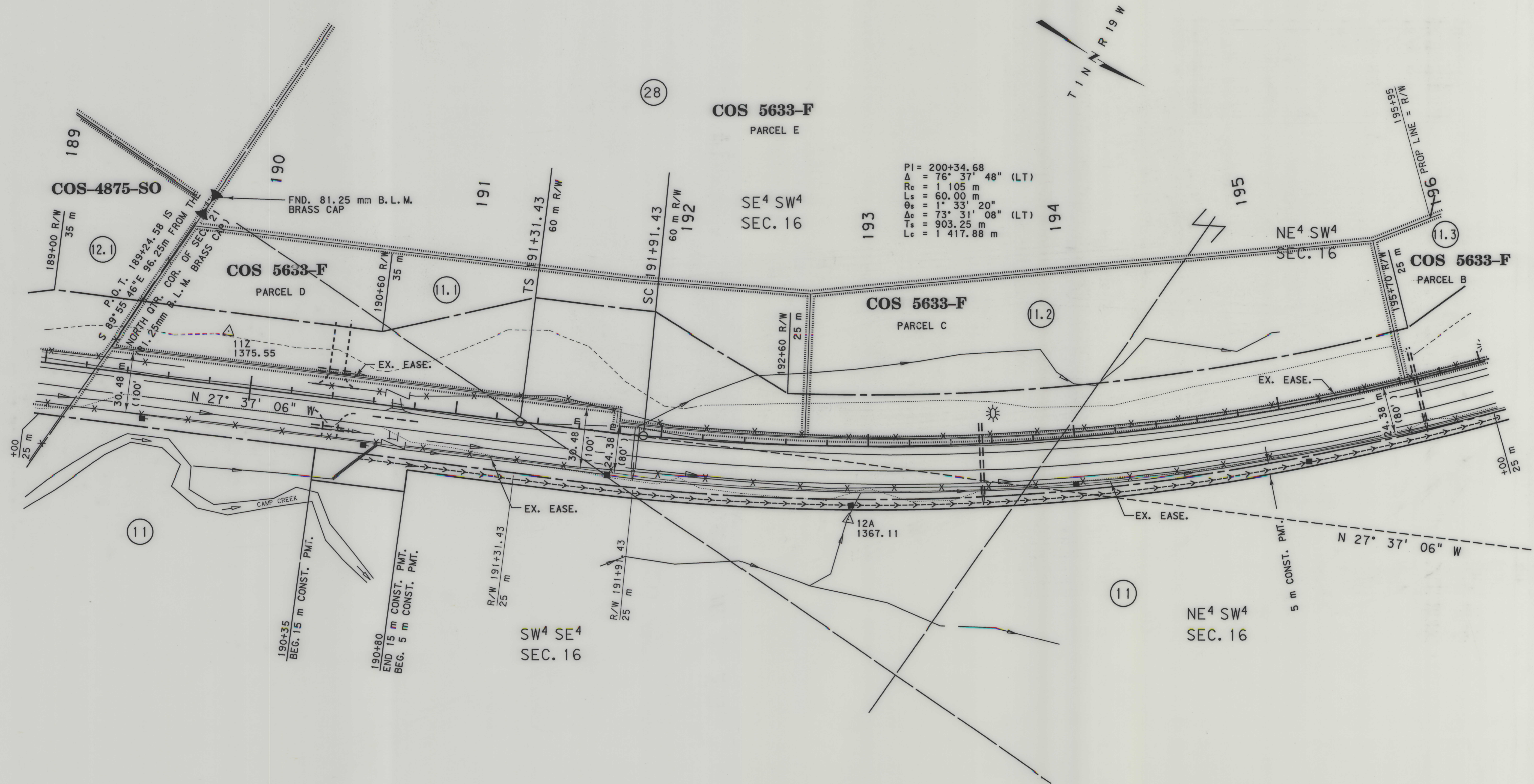
RIGHT OF WAY PLAN
RAVALLI COUNTY

SCALE 1:1000



SEE SHEET NO. 3 FOR OWNERSHIP NAMES, ADDRESSES, AREAS, ETC.

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	NH 7-1(56)9 F	11	21
PROJECT NO. 1285-056		SULA - N. & S.	



- 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
TOP OF CUT
DITCH BOTTOM

FHWA/DOT APPROVAL 12-18-95
MAP REVISED 11-28-97 3-3-98 1-8-02

MONTANA
DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY PLAN
RAVALLI COUNTY
SCALE 1:1000

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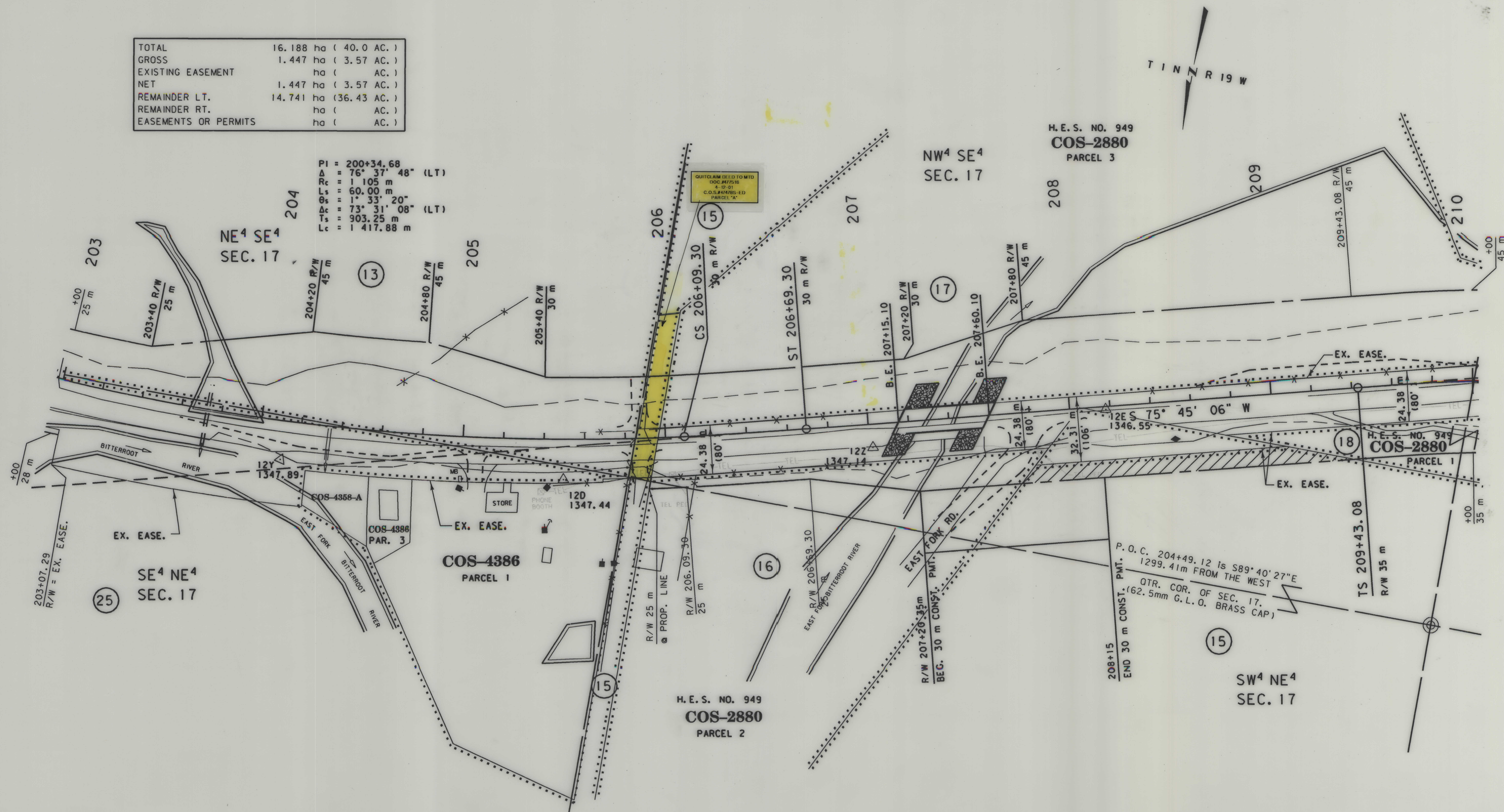
SEE SHEET NO. 3 FOR OWNERSHIP NAMES, ADDRESSES, AREAS, ETC.

VALUES IN ()'S ARE IN ENGLISH CONVERTED FROM METRIC AND ARE PROVIDED FOR THE MONTANA DEPARTMENT OF NATURAL RESOURCES & CONSERVATION

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	NH 7-1(56)9 F	13	21
PROJECT NO. 1285-056		SULA - N. & S.	

TOTAL	16.188 ha (40.0 AC.)
GROSS	1.447 ha (3.57 AC.)
EXISTING EASEMENT	ha (AC.)
NET	1.447 ha (3.57 AC.)
REMAINDER LT.	14.741 ha (36.43 AC.)
REMAINDER RT.	ha (AC.)
EASEMENTS OR PERMITS	ha (AC.)

PI = 200+34.68
Δ = 76° 37' 48" (LT)
Rc = 1105 m
Ls = 60.00 m
Os = 1° 33' 20"
Δc = 73° 31' 08" (LT)
Ts = 903.25 m
Lc = 1417.88 m



- 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.

BACKSLOPE LIMITS INCLUDE ROUNDING	TOP OF CUT
CONSTRUCTION LIMITS:	CUT SECTION
	TOE OF FILL
FHWA/DOT APPROVAL 12-18-95	
MAP REVISED 11-28-97 12-17-97 12-22-97	

MONTANA
DEPARTMENT OF TRANSPORTATION

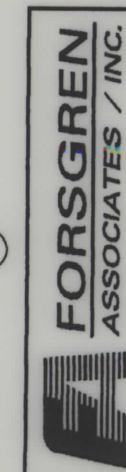
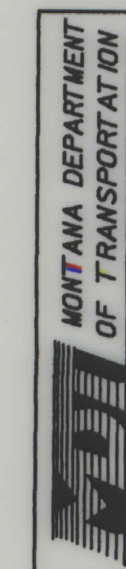
RIGHT OF WAY PLAN
RAVALLI COUNTY

SCALE 1:1000

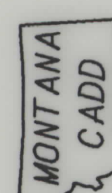
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SEE SHEET NO. 3 FOR OWNERSHIP NAMES, ADDRESSES, AREAS, ETC.

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	NH 7-1(56)9 F	14	21
PROJECT NO. 1285-056			
SULA - N. & S.			

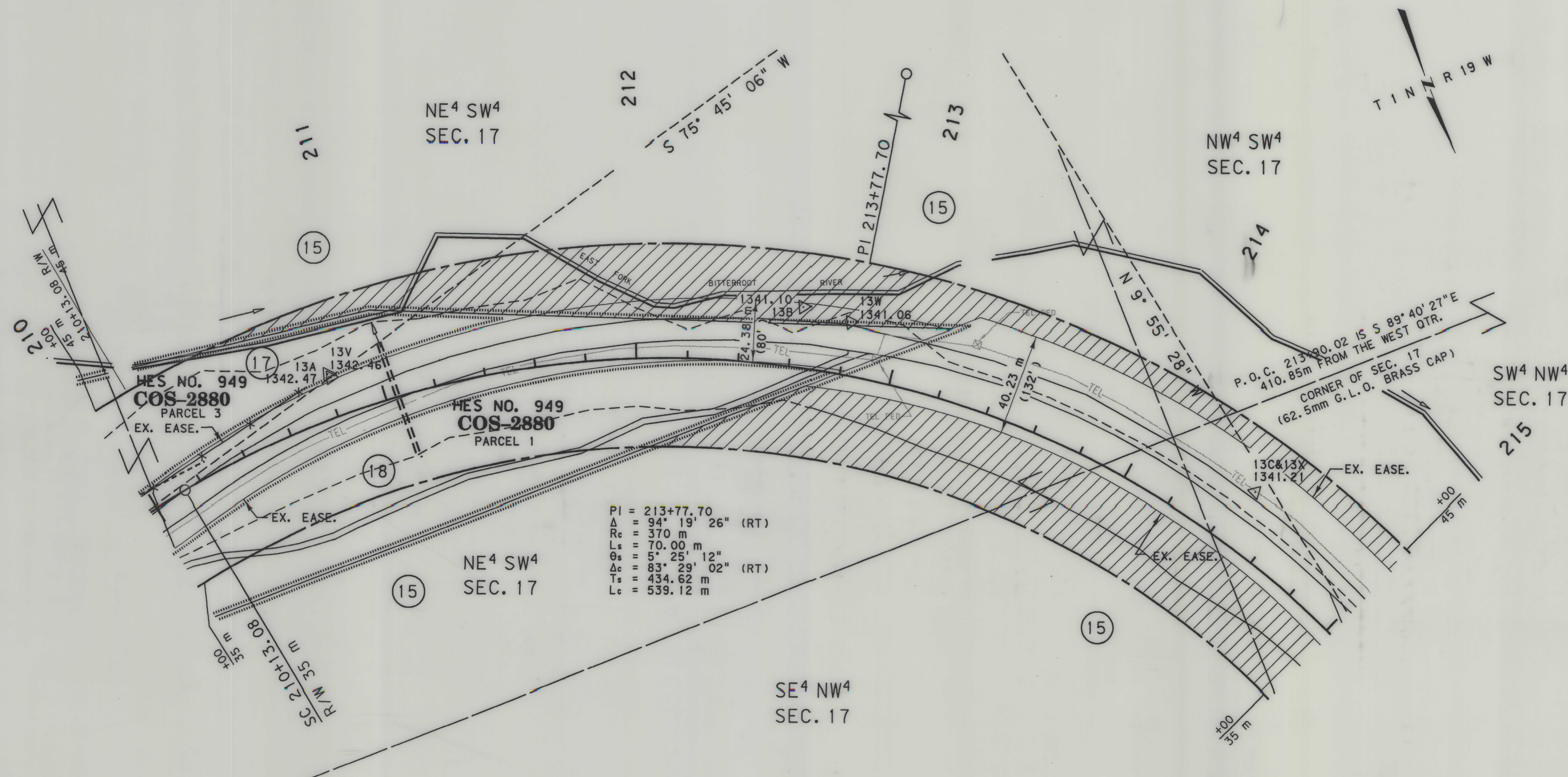


RDROW



3
1

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PI = 213+77.70
Δ = 94° 19' 26" (RT)
Rc = 370 m
Ls = 70.00 m
Θs = 5° 25' 12"
Δc = 83° 29' 02" (RT)
Ts = 434.62 m
Lc = 539.12 m

- 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.

BACKSLOPE LIMITS INCLUDE ROUNDING	TOP OF CUT
CONSTRUCTION LIMITS:	CUT SECTION
	TOE OF FILL
	DITCH BOTTOM
FHWA/DOT APPROVAL 12-18-95	
MAP REVISED 11-28-97 12-22-97	

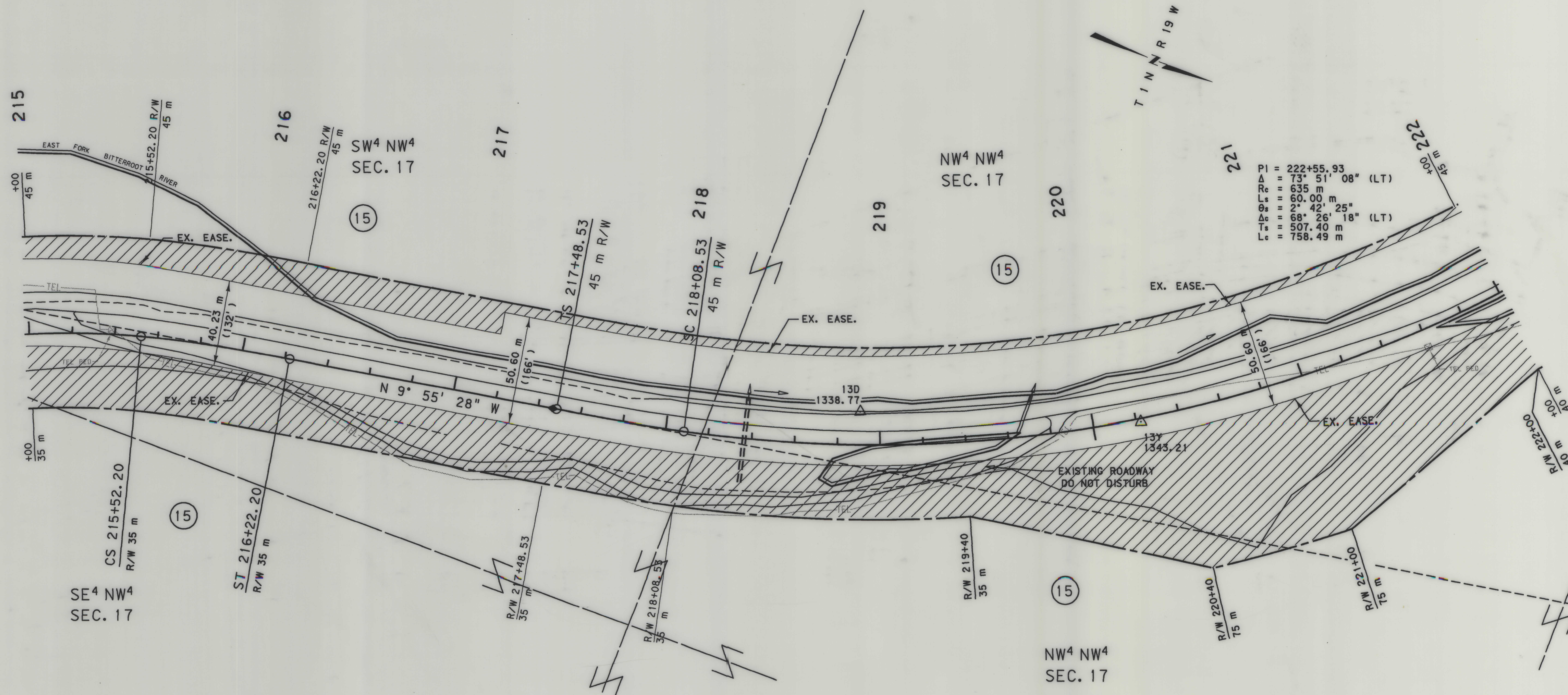
MONTANA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
RAVALLI COUNTY
SCALE 1:1000

0 50M 100M

SEE SHEET NO. 3 FOR OWNERSHIP NAMES, ADDRESSES, AREAS, ETC.

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	NH 7-1(56)9 F	15	21
PROJECT NO. 1285-056		SULA - N. & S.	



PI = 222+55.93
Δ = 73° 51' 08" (LT)
Rc = 635 m
Ls = 60.00 m
Θs = 2° 42' 25"
Δc = 68° 26' 18" (LT)
Ts = 507.40 m
Lc = 758.49 m

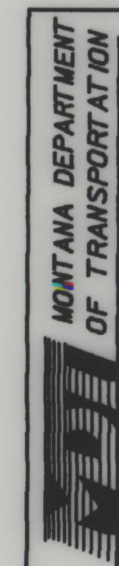
NOTES: 1. ALL MEASUREMENTS ARE METRIC EXCEPT AS NOTED
2. THE PROPOSED R/W LINE WHERE A SPIRAL CURVE TRANSITION IS USED IS A CHORD RATHER THAN A CONCENTRIC CURVE.

BACKSLOPE LIMITS INCLUDE ROUNDING	TOP OF CUT
CONSTRUCTION LIMITS:	CUT SECTION
	TOE OF FILL
	DITCH BOTTOM
FHWA/DOT APPROVAL 12-18-95	
MAP REVISED 11-28-97	

MONTANA DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY PLAN
RAVALLI COUNTY
SCALE 1:1000
0 50M 100M

SEE SHEET NO. 3 FOR OWNERSHIP NAMES, ADDRESSES, AREAS, ETC.

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	NH 7-1(56)9 F	16	21
PROJECT NO. 1285-056			
SULA - N. & S.			

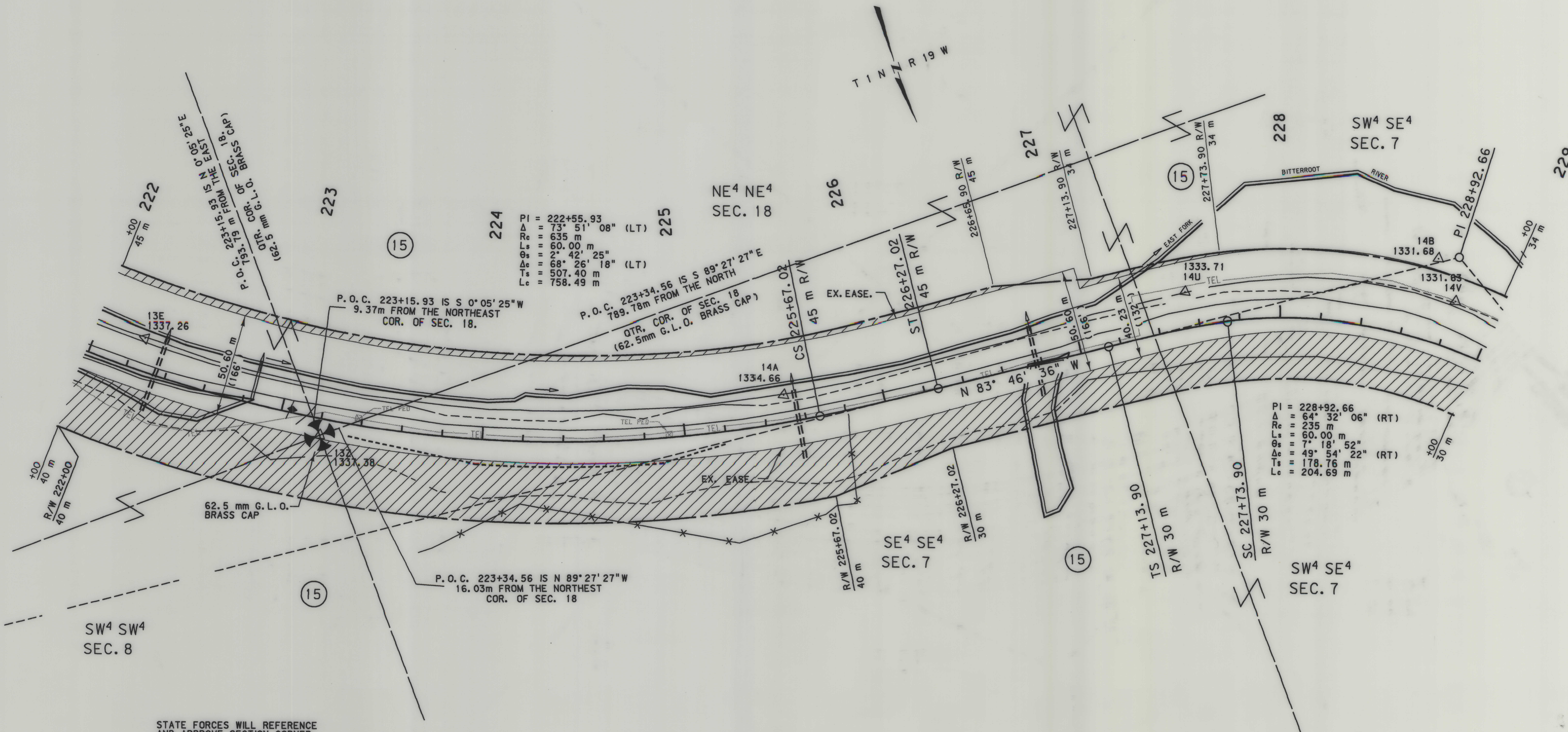


RDROW

MONTANA
CADD

3
2
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STATE FORCES WILL REFERENCE
AND APPROVE SECTION CORNER
PRIOR TO DISTURBING

- 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.

BACKSLOPE LIMITS INCLUDE ROUNDING	TOP OF CUT
CONSTRUCTION LIMITS:	CUT SECTION
	TOE OF FILL
FHWA/DOT APPROVAL 12-18-95	
MAP REVISED 11-28-97	

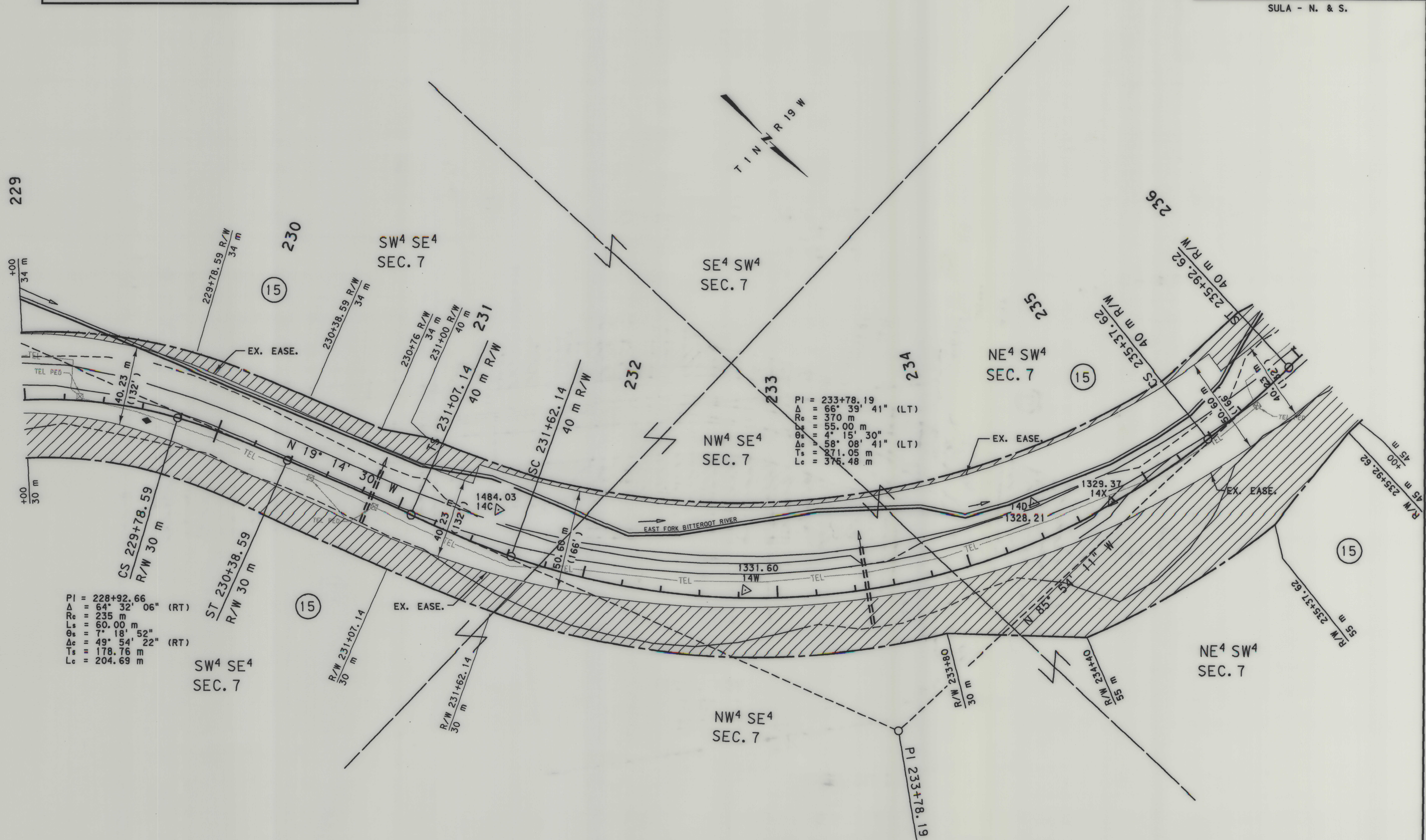
MONTANA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
RAVALLI COUNTY
SCALE 1:1000

0 50M 100M

SEE SHEET NO. 3 FOR OWNERSHIP NAMES, ADDRESSES, AREAS, ETC.

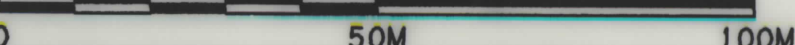
STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	NH 7-1(56)19 F	17	21
PROJECT NO. 1285-056			
SULA - N. & S.			



- 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.

BACKSLOPE LIMITS INCLUDE ROUNDING	TOP OF CUT
CONSTRUCTION LIMITS:	CUT SECTION
	TOE OF FILL
FHWA/DOT APPROVAL 12-18-95	
MAP REVISED 11-28-97	

MONTANA
DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY PLAN
RAVALLI COUNTY
SCALE 1:1000



MONTANA DEPARTMENT
OF TRANSPORTATION

FORSGREN
ASSOCIATES / INC.

RDROW

MONTANA
CADD

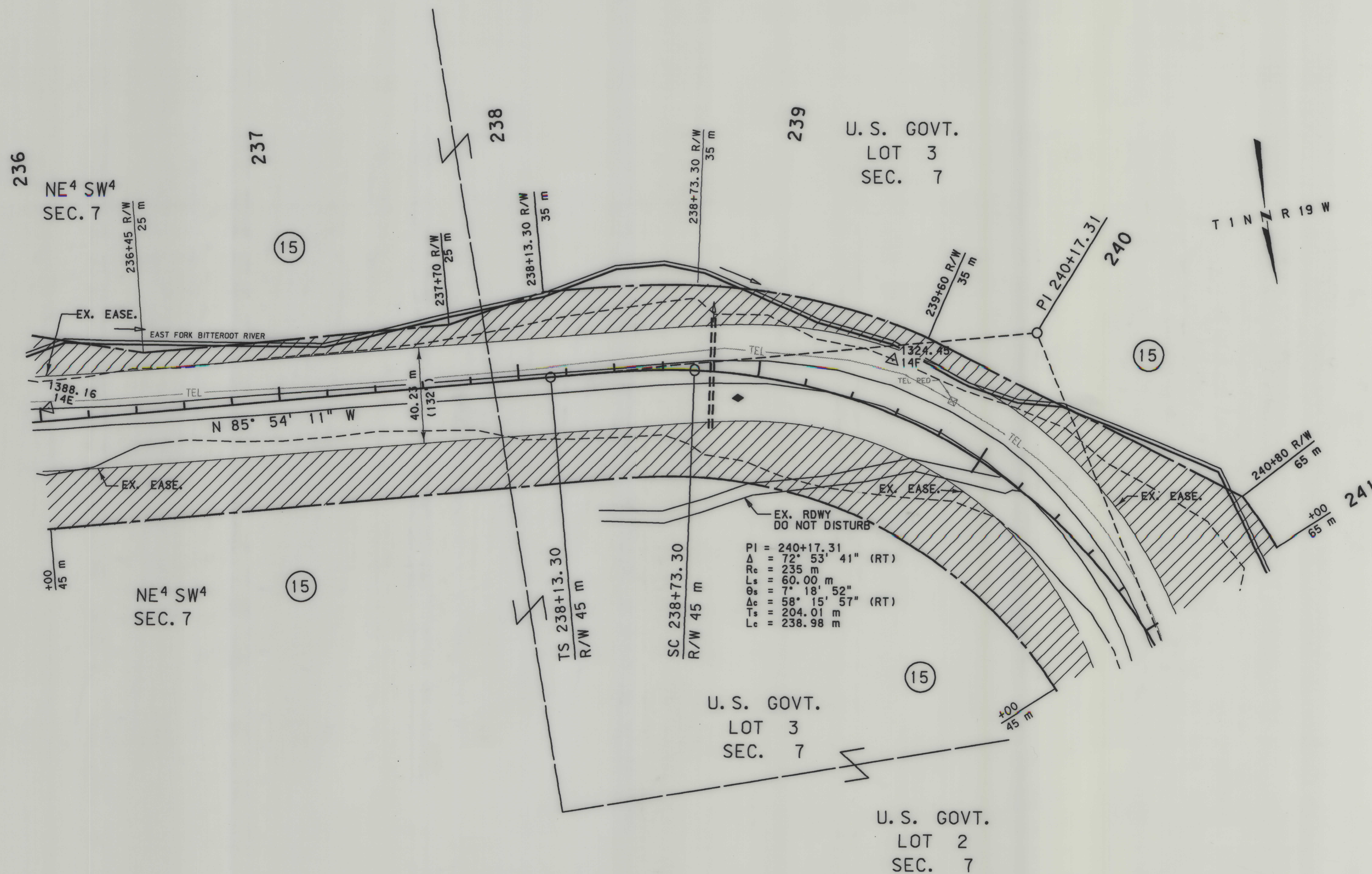
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NH 7-1(56)19 F SHT 17 of 21

SEE SHEET NO. 3 FOR OWNERSHIP NAMES, ADDRESSES, AREAS, ETC.

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	NH 7-1(56)9 F	18	21
PROJECT NO. 1285-056		SULA - N. & S.	



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.

BACKSLOPE LIMITS INCLUDE ROUNDING
CONSTRUCTION LIMITS: CUT SECTION TOE OF FILL
FHWA/DOT APPROVAL 12-18-95
MAP REVISED 11-28-97

MONTANA DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY PLAN RAVALLI COUNTY
SCALE 1:1000
0 50M 100M

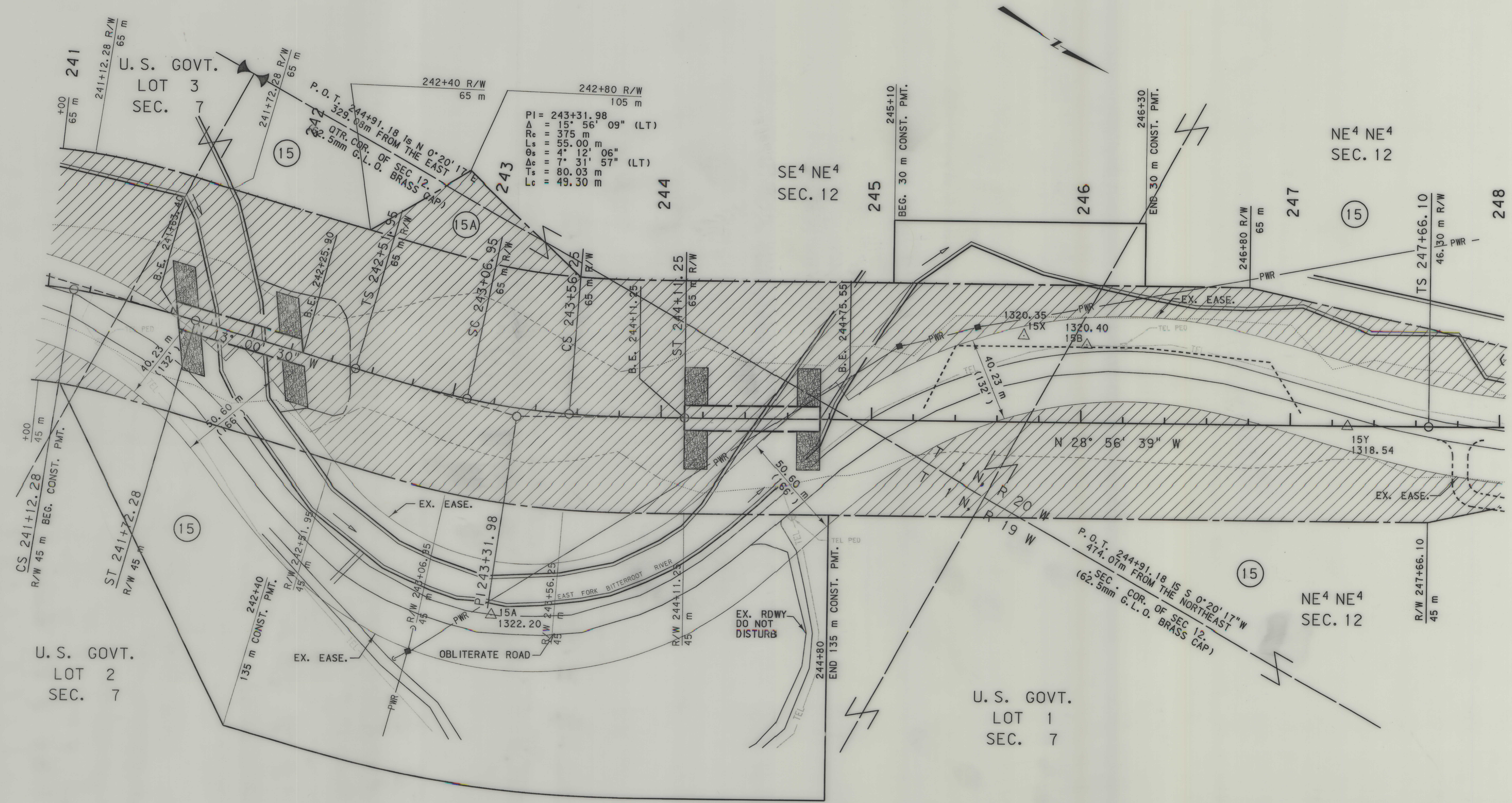
DESIGNED BY
03/08/02
DRAWN BY
07/02/05 AM
APPROVED BY
08/01/05
REVISED BY

RDROW

MONTANA DEPARTMENT OF TRANSPORTATION
FORSCORP ASSOCIATES, INC.

SEE SHEET NO. 3 FOR OWNERSHIP NAMES, ADDRESSES, AREAS, ETC.

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	NH 7-1(56)9 F	19	21
PROJECT NO. 1285-056			
SULA - N. & S.			



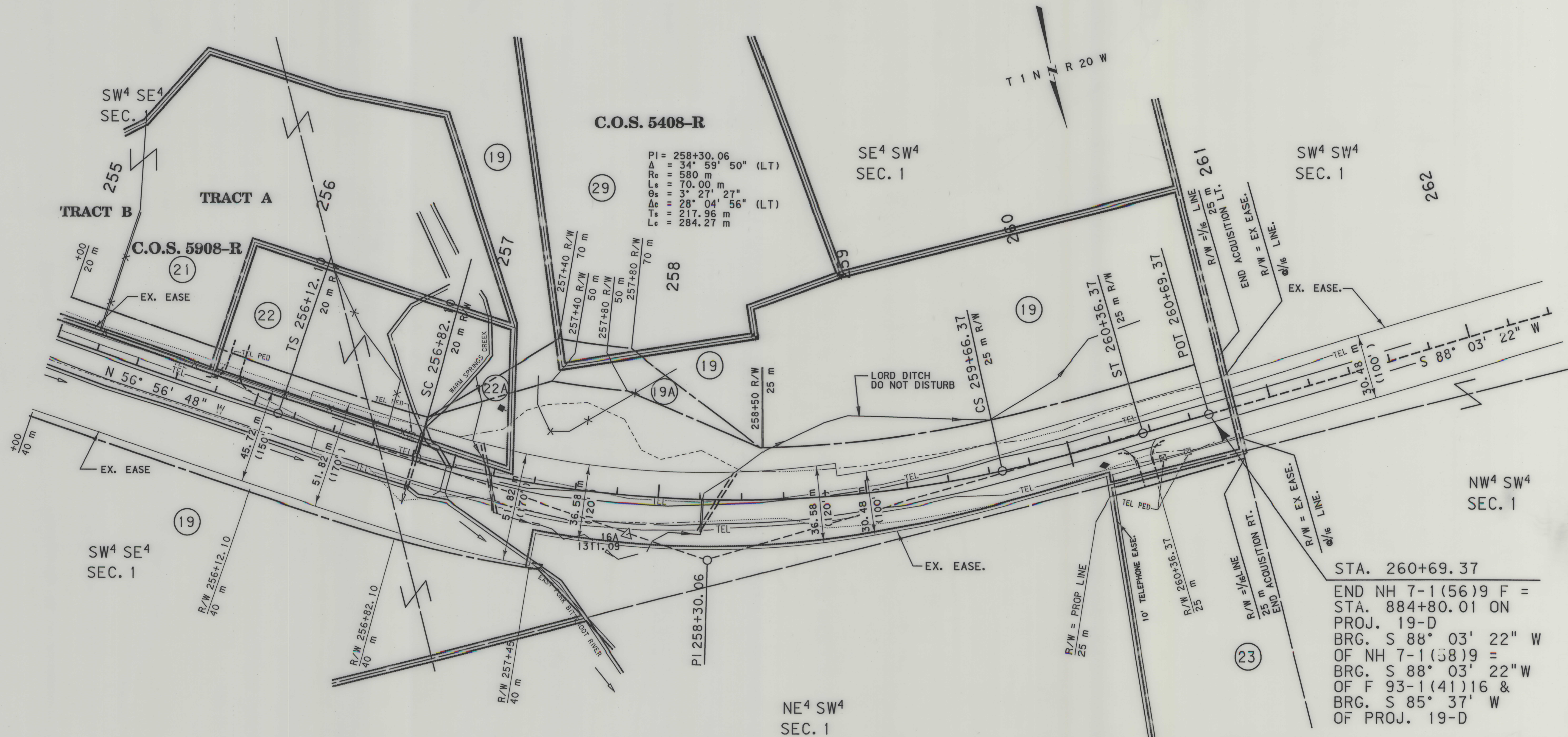
- NOTES:
1. ALL MEASUREMENTS ARE METRIC EXCEPT AS NOTED
 2. THE PROPOSED R/W LINE WHERE A SPIRAL CURVE TRANSITION IS USED IS A CHORD RATHER THAN A CONCENTRIC CURVE.
 3. THE ENGLISH AREAS ARE FOR INFORMATIONAL PURPOSES ONLY.
 4. ALL STATIONS AND OFFSETS FOR R/W BREAKS ARE IN REFERENCE TO THE R/W BASELINE.

BACKSLOPE LIMITS INCLUDE ROUNDING
CONSTRUCTION LIMITS:
CUT SECTION
TOE OF FILL
TOP OF CUT
DITCH BOTTOM
FHWA/DOT APPROVAL 12-18-95
MAP REVISED 11-28-97 03-08-02,

MONTANA
DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY PLAN
RAVALLI COUNTY
SCALE 1:1000

SEE SHEET NO. 3 FOR OWNERSHIP NAMES, ADDRESSES, AREAS, ETC.

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	NH 7-1(56)9 F	21	21
PROJECT NO. 1285-056			
SULA - N. & S.			



- 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.
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4. ALL STATIONS AND OFFSETS FOR R/W BREAKS ARE IN REFERENCE TO THE R/W BASELINE.

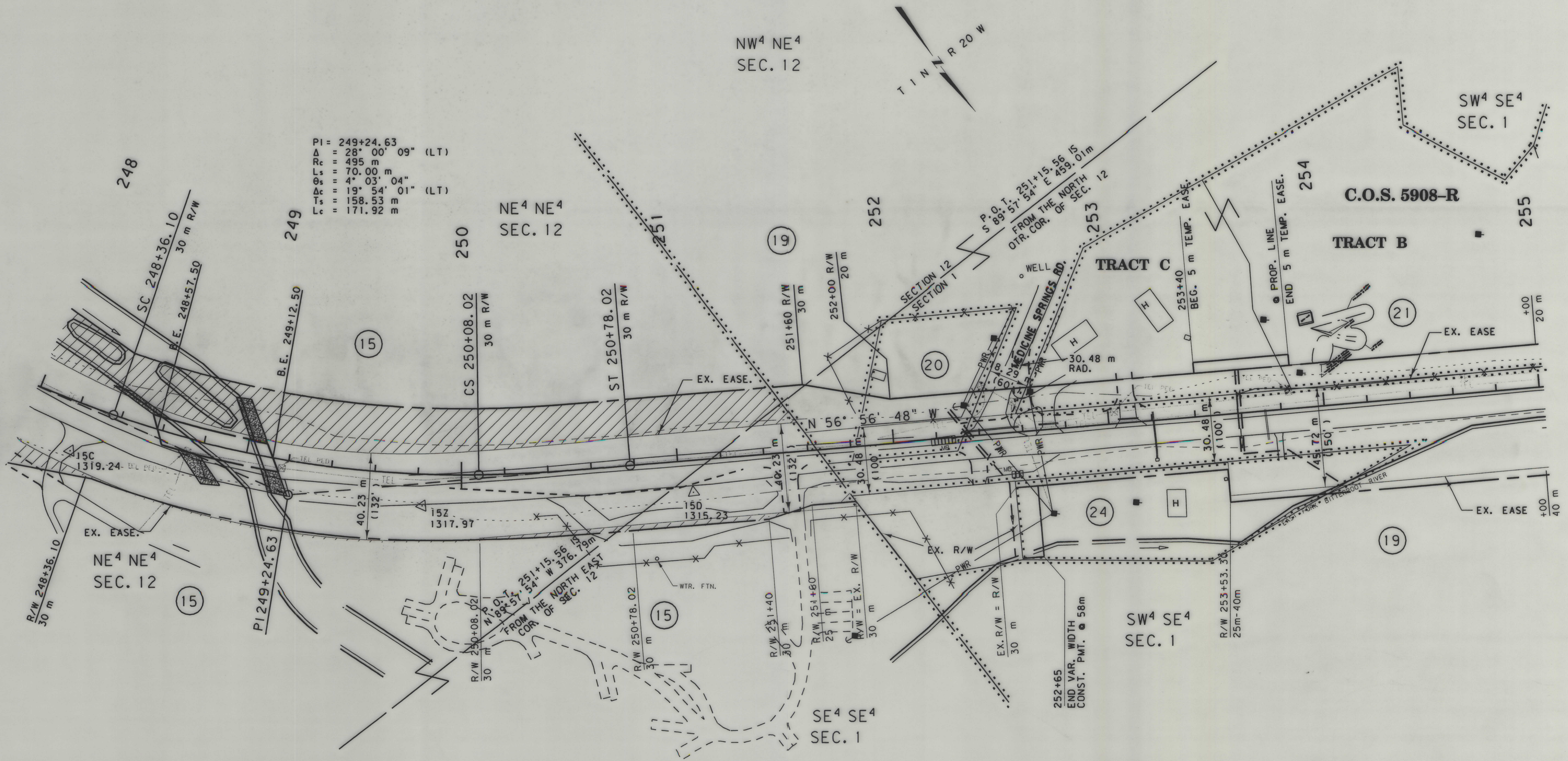
BACKSLOPE LIMITS INCLUDE ROUNDING	CUT SECTION
CONSTRUCTION LIMITS:	TOE OF CUT
	TOE OF FILL
FHWA/DOT APPROVAL 12-18-95	
MAP REVISED 11-28-97 12-17-97 2-27-98	
3-5-98 6-8-98 2-22-99 3-22-03 5-08-03	

MONTANA
DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY PLAN
RAVALLI COUNTY
SCALE 1:1000

0 50M 100M

SEE SHEET NO. 3 FOR OWNERSHIP NAMES, ADDRESSES, AREAS, ETC.

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	NH 7-1(56)19 F	20	21
PROJECT NO. 1285-056		SULA - N. & S.	



- 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.
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BACKSLOPE LIMITS INCLUDE ROUNDING
CONSTRUCTION LIMITS:
CUT SECTION
TOE OF FILL
TOP OF CUT
DITCH BOTTOM
FHWA/DOT APPROVAL 12-18-95
MAP REVISED 11-28-97 12-17-97 12-22-97
3-5-98 2-22-99 3-17-99 3-22-00 12-04-00
12-06-00

MONTANA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
RAVALLI COUNTY
SCALE 1:1000

