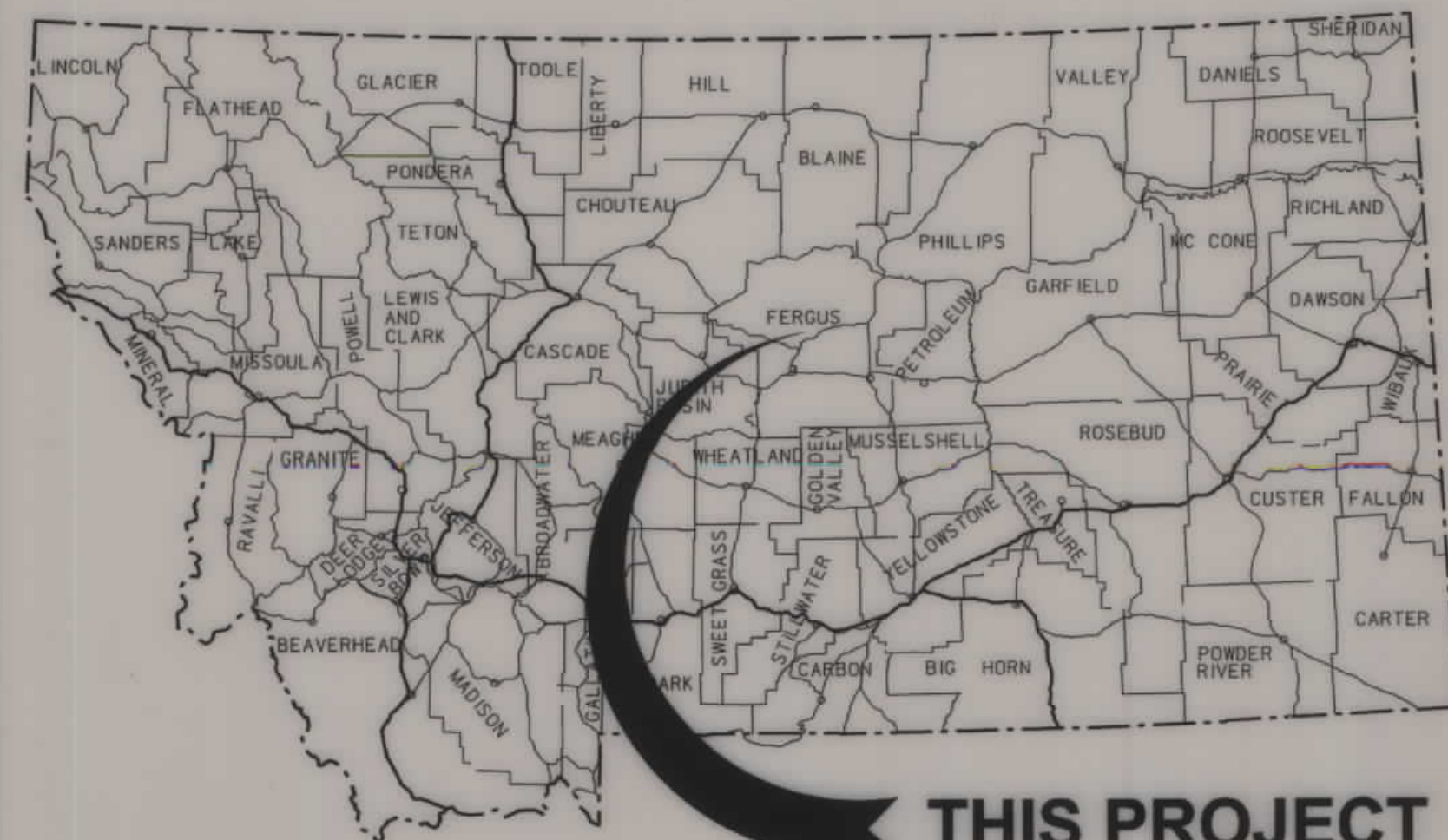


PLANS

NOT

TO

SCALE



MONTANA DEPARTMENT OF TRANSPORTATION

STATE	RIGHT OF WAY ID.	SHEET	TOTAL
		NO.	SHEETS
MONTANA	HSIP 43-1(30)14	1	14
PROJECT NUMBER		4719-030	
2000-SAFETY IMPRVMT-HILGER			

RIGHT OF WAY PLAN OF FEDERAL AID PROJECT HSIP 43-1(30)14 2000-SAFETY IMPRVMT-HILGER FERGUS COUNTY

2.4 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	AC AC
LIMITED ACCESS CONTROL	HH HH
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	FOUND CALCULATED
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	CH. CH.
DITCH BLOCK	---
RIPRAP	---
BRIDGES	---
RAILROADS	---
PARCEL NUMBERS	---
APPROACH: EXIST.- PROPOSED	---

STA. 62+20.00 ON F 103(12) (English)
STA. 30+24.49 END STPP-HSIP 43-1(25)14 (Metric) =

THIS CONTRACT
R.P. 14.4 TO R.P. 16.0

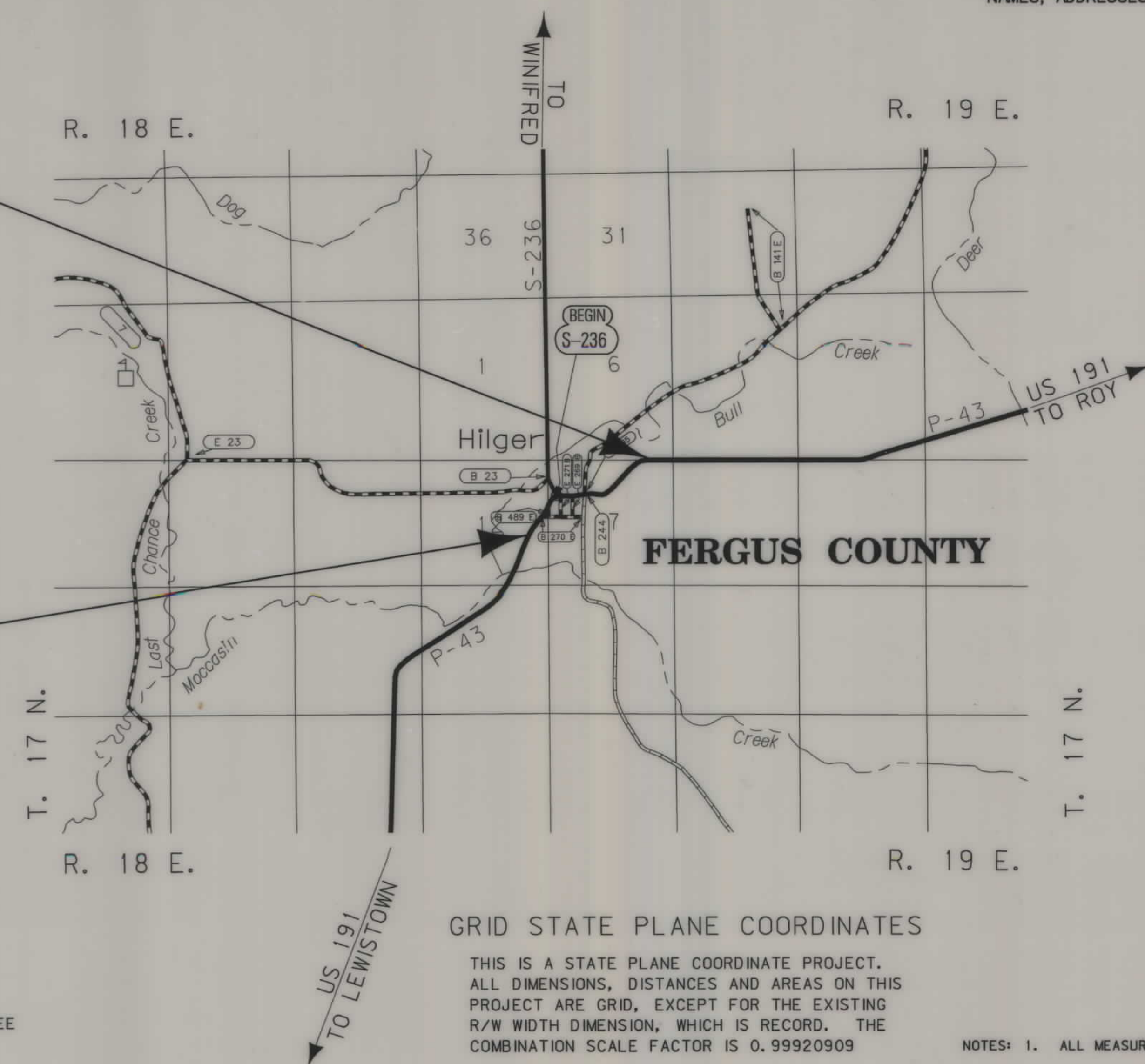
STA. 6+17.70 BEG. STPP-HSIP 43-1(25)14 (Metric)
STA. 669+16.00 ON F 103(4) (English)=

ASSOCIATED PROJECT
ID.

STPHS 43-1(22)14 P.E.

RELATED PROJECTS

F 103(4)
F 103(8)
S 68(1)



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 0.99920909

NOTES: 1. ALL MEASUREMENTS ARE METRIC EXCEPT AS NOTED

RDROW

MONTANA
CADD

3
2

HSIP 43-1(30)14 SHT 1 of 14

MDTA
MONTANA DEPARTMENT
OF TRANSPORTATION

MONTANA
CADD

RDROW

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GRID STATE PLANE COORDINATES

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FOR EXISTING R/W RETRACEMENT, SEE
C.O.S.'s 773 & 821

- 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	DITCH BOTTOM
FHWA/DOT APPROVAL 3-31-08	
MAP REVISED 7-25-08 8-18-08 8-21-08	
9-04-08 11-06-08 12-11-08 12-18-08	
1-14-09	

MONTANA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
FERGUS COUNTY

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	
1	FERGUS ELECTRIC CO-OP, INC.	84423 US HIGHWAY 87, LEWISTOWN, MT 59457-2058					OWNER NOTIFICATION ONLY												3
2	VIVIAN M. JEFFERY	PO BOX 824, HILGER, MT 59451			478 m²	5145 SF			478 m²	5145 SF									3, 7-10
3	CHARLES ELDIN & HELEN LOUISE KENDALL	PO BOX 455, HILGER, MT 59451-0455					OWNER NOTIFICATION ONLY												3, 7-10
4	CHARLES ELDIN & HELEN LOUISE KENDALL	PO BOX 455, HILGER, MT 59451-0455	5552 m²	59761 SF											450 m²	4844 SF			3, 8-10
5	HILGER HOME DEMONSTRATION CLUB	C/O STEPHANIE SHAMMEL													62 m²	667 SF			3, 8-10
		524 SALT CREEK ROAD, HILGER, MT 59451																	
6	HILGER RURAL FIRE DEPARTMENT	PO BOX 801, HILGER, MT 59451					OWNER NOTIFICATION ONLY												3, 8-10
7	ESTATE OF JOE PETERS JR., DECEASED	PO BOX 506, LEWISTOWN, MT 59457	1700 m²	18300 SF													# 289 m²	3111 SF	3, 4, 8-10, 14
8	LAURENCE R. BIELEN	PO BOX 773, HILGER, MT 59451													30 m²	323 SF			3, 4, 9, 10, 13, 14
9	HELEN D. ARTHUR n/k/a HELEN BERGER	259 MAPLE ST., LEWISTOWN, MT 59457-3228	771 m²	8299 SF	763 m²	8213 SF			763 m²	8213 SF			* 8 m²	* 86 SF					4, 13, 14
10	ALAN FOLDA AND ESTATE OF	390 MAIDEN CUTOFF, LEWISTOWN, MT 59457			0.109 ha	0.27 AC			0.109 ha	0.27 AC									4, 14
	JOE PETERS JR., DECEASED	PO BOX 506, LEWISTOWN, MT 59457																	
11	CALVIN R. & ANITA M. SONGER	126 WINIFRED HWY., HILGER, MT 59451			0.028 ha	0.07 AC			0.028 ha	0.07 AC									4, 14
12	LORRAINE A. LIPKE	PO BOX 465, HILGER, MT 59451	3902 m²	42000 SF	235 m²	2530 SF			235 m²	2530 SF			3666 m²	39460 SF					4, 13
13	LORRAINE A. LIPKE	PO BOX 465, HILGER, MT 59451	3710 m²	39932 SF	2133 m²	22959 SF			2133 m²	22959 SF			1577 m²	16975 SF					4, 12, 13
14	LORRAINE A. LIPKE	PO BOX 465, HILGER, MT 59451	2120 m²	22816 SF	1676 m²	18040 SF			1676 m²	18040 SF			444 m²	4779 SF					4, 12, 13
15	LORRAINE A. LIPKE	PO BOX 465, HILGER, MT 59451	3902 m²	42000 SF	947 m²	10193 SF			947 m²	10193 SF			2955 m²	31809 SF					4, 12, 13
16	LORRAINE A. LIPKE	PO BOX 465, HILGER, MT 59451	3902 m²	42000 SF	3149 m²	33896 SF			3149 m²	33896 SF	391 m²	4209 SF	356 m²	3832 SF					4, 12, 13
17	LORRAINE A. LIPKE	PO BOX 465, HILGER, MT 59451	1821 m²	19600 SF	41 m²	441 SF			41 m²	441 SF			1780 m²	19160 SF					4, 12, 13
18	LORRAINE A. LIPKE	PO BOX 465, HILGER, MT 59451	5415 m²	58288 SF	2521 m²	27136 SF			2521 m²	27136 SF			2894 m²	31151 SF					4, 11, 12
19	LORRAINE A., ROGER E., & MARCIA LIPKE	PO BOX 465, HILGER, MT 59451	64.750+ ha	160+ AC	5.104 ha	12.61 AC	0.106 ha	0.26 AC	5.000 ha	12.35 AC					1.110 ha	2.74 AC			4, 5, 6, 11, 12
20	LORRAINE A. LIPKE	PO BOX 465, HILGER, MT 59451	11310 m²	121740 SF	350 m²	3767 SF			350 m²	3767 SF	9986 m²	107488 SF	681 m²	7330 SF					4, 11, 12
21	LORRAINE A., ROGER E., & MARCIA LIPKE	PO BOX 465, HILGER, MT 59451					OWNER NOTIFICATION ONLY												6
12, 13, 14,	COMBINATION PARCEL		36081 m²	388373 SF	11125 m²	119749 SF			11125 m²	119749 m²	10377 m²	111697 SF	14353 m²	154494 SF					
15, 16, 17,																			
18, 20																			
3, 4	COMBINATION PARCEL		5552 m²	59761 SF											456 m²	4908 SF			
19, 21	COMBINATION PARCEL		64.750+ ha	160 + AC	5.104 ha	12.61 AC			5.104 ha	12.61 AC					1.110 ha	2.74 AC			
22	DELETED																		

* - REMAINDER RIGHT TO BE ACQUIRED
- EASEMENT TO BE ACQUIRED IN THE NAME OF FERGUS COUNTY

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	HSIP 43-1(30)14	2	14

PROJECT NUMBER 4719-030

2000-SAFETY IMPRVMT-HILGER

RIGHT-OF-WAY COORDINATE ASCII FILES

R/W BREAK COORDS: 4719ROBRK001.TXT

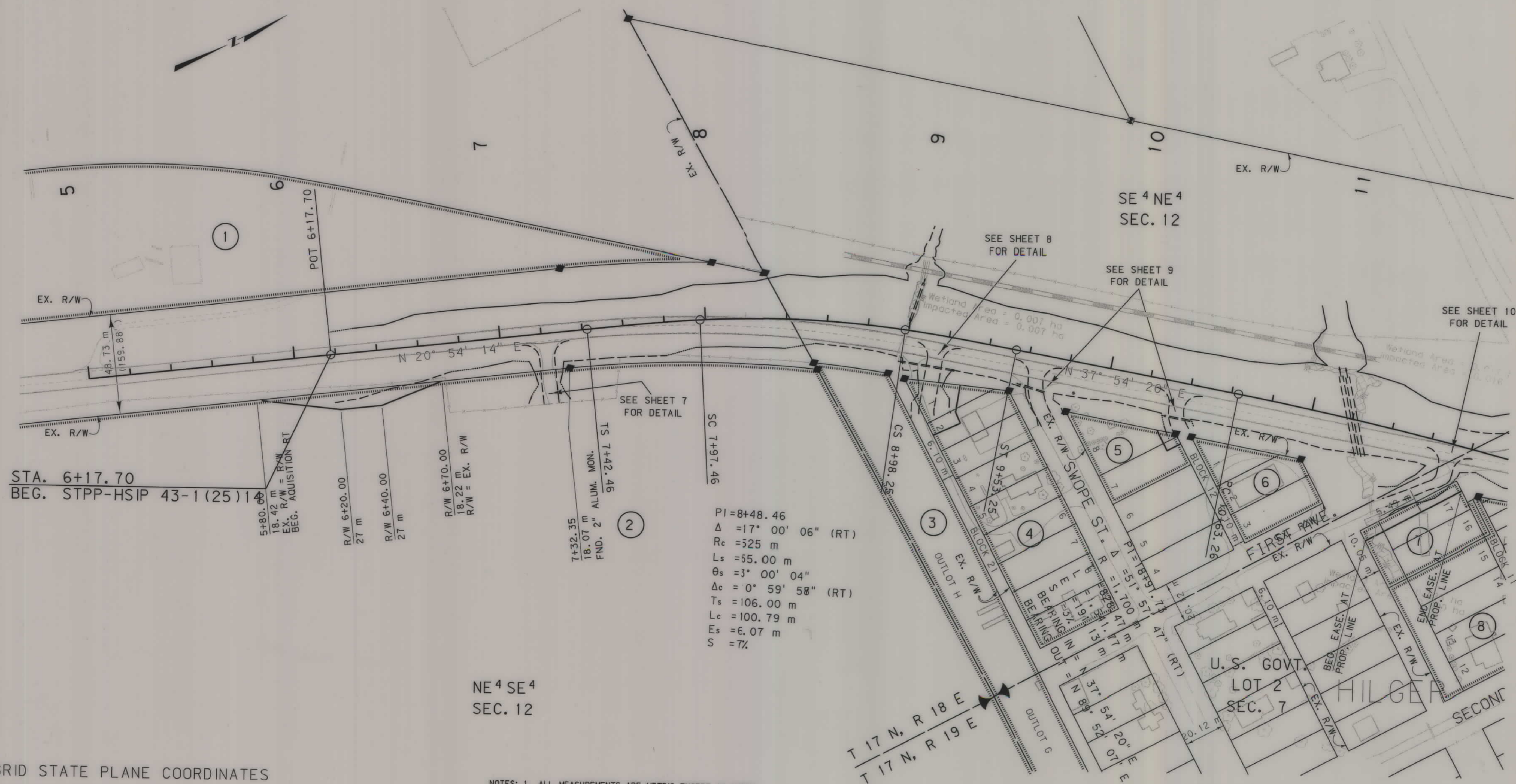
R/W BASELINE COORDS: 4719ROBAS001.TXT

ALL FILES ARE LOCATED ON THE CADD SERVER
IN THE RO DIRECTORY, UNDER PROJECT: 4719

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	HSIP 43-1(30)14	3	14
PROJECT NUMBER 4719-030			
2000-SAFETY IMPRVMT-HILGER			

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

POT 6+17.70 IS N 53° 39' 14" E
362.61m FROM THE W¹/₄ CORNER
OF SECTION 7. (FND. GLO BRASS CAP)



STA. 6+17.70
BEG. STPP-HSIP 43-1(25)14

$PI = 8448.46$
 $\Delta = 17^{\circ} 00' 06''$ (RT)
 $R_c = 325$ m
 $L_s = 55.00$ m
 $\theta_s = 3^{\circ} 09' 04''$
 $\Delta_c = 0^{\circ} 59' 58''$ (RT)
 $T_s = 106.00$ m
 $L_c = 100.79$ m
 $E_s = 6.07$ m
 $S = 7\%$

NE 4 SE 4
SEC. 12

U. S. GOVT.
LOT 3
SEC. 7

GRID STATE PLANE COORDINATES

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PROJECT ARE GRID, EXCEPT FOR THE EXISTING
R/W WIDTH DIMENSION, WHICH IS RECORD. THE
COMBINATION SCALE FACTOR IS 0.99920909

FOR EXISTING R/W RETRACEMENT, SEE
C. O. S. 773

NOTES: 1. ALL MEASUREMENTS ARE METRIC EXCEPT AS NOTED

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BACKSLOPE LIMITS INCLUDE ROUNDING
CONSTRUCTION LIMITS:

CUT SECTION
TOE OF FILL

TOP OF
DITCH BOTTOM

FWHA/DOT APPROVAL 3-31-08

MAP REVISED 8-08-08 8-21-08 9-04-08
12-11-08 1-14-09

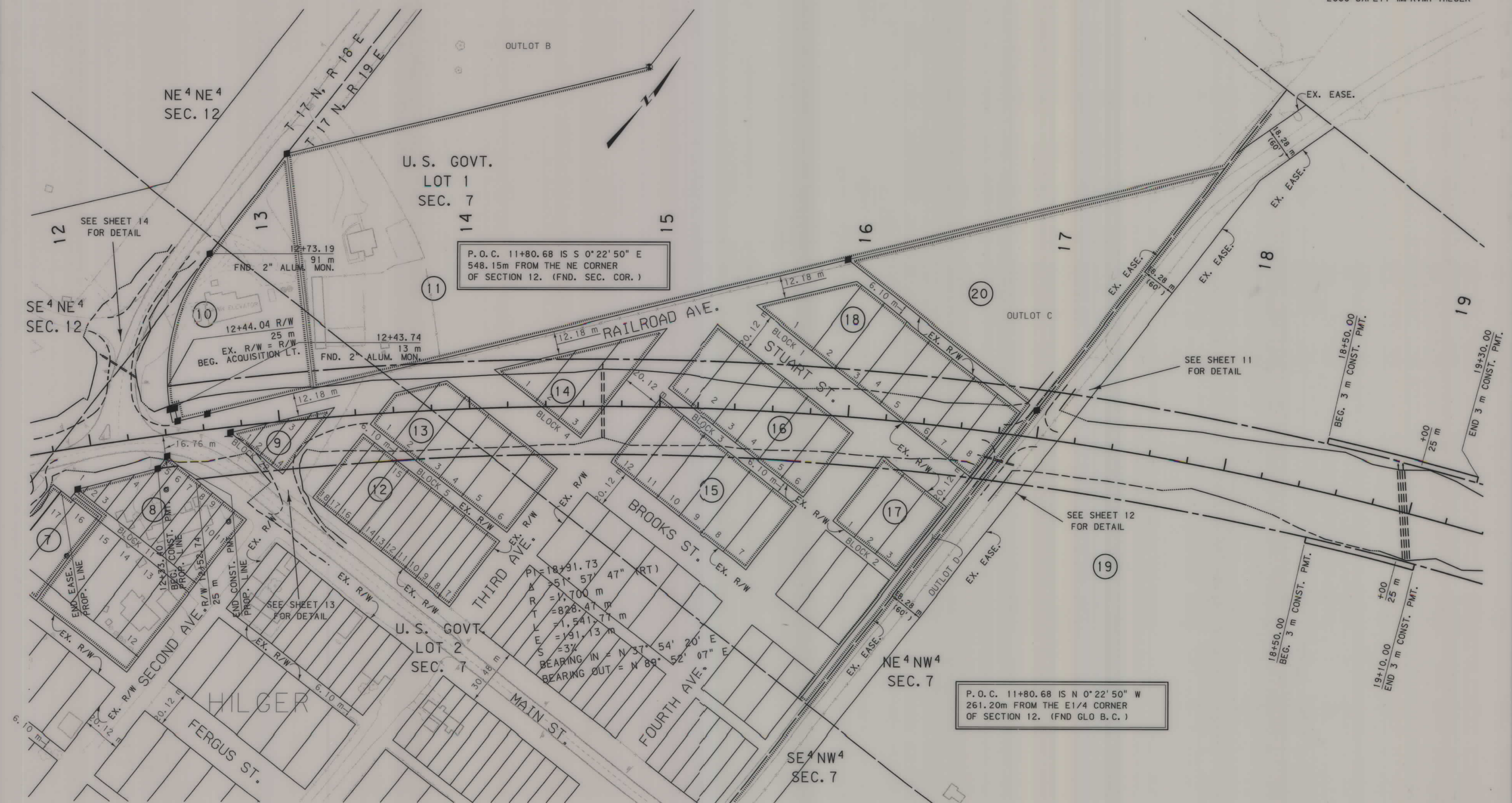
MONTANA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
FERGUS COUNTY
SCALE 1:1000

HSIP 43-1(30)14 SHT 3 of 14

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

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	HSIP 43-1(30)14	4	14
PROJECT NUMBER 4719-030			
2000-SAFETY IMPRVMT-HILGER			



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BACKSLOPE LIMITS INCLUDE ROUNDING	CUT SECTION	TOE OF FILL
CONSTRUCTION LIMITS:	TOP OF CUT	DITCH BOTTOM
FWHA/DOT APPROVAL	3-31-08	
MAP REVISED	7-25-08 8-08-08 8-21-08	
	9-08-08 11-06-08	

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

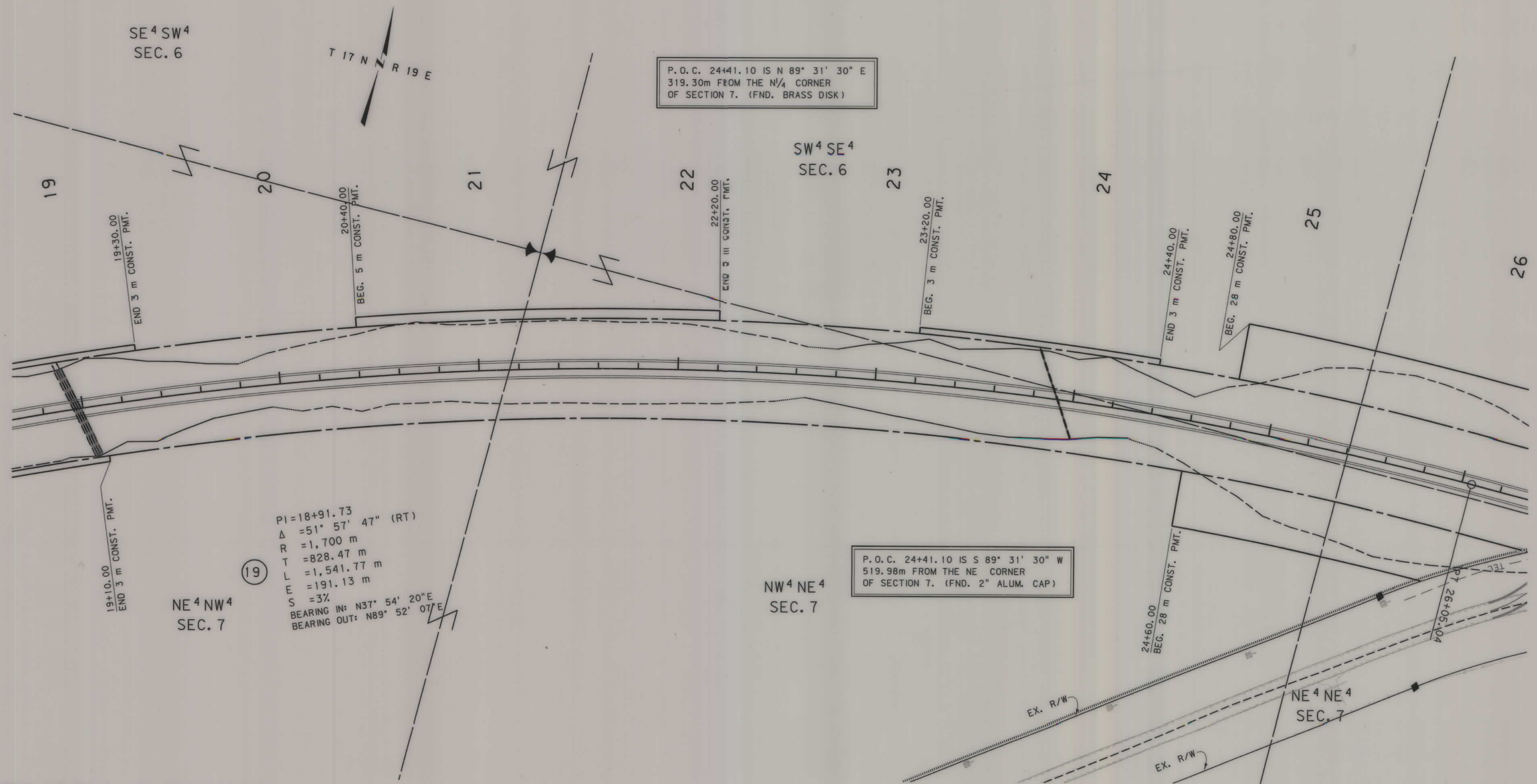
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SEE SHEET NO. 2 FOR OWNERSHIP NAMES, ADDRESSES, AREAS, ETC.

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	HSIP 43-1(30)14	5	14
PROJECT NUMBER 4719-030			
2000-SAFETY IMPRVMT-HILGER			



GRID STATE PLANE COORDINATES

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FOR EXISTING R/W RETRACEMENT, SEE C.O.S. 821

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BACKSLOPE LIMITS INCLUDE ROUNDING	
CONSTRUCTION LIMITS:	
CUT SECTION	TOP OF CUT
TOE OF FILL	BATCH BOTTOM
FHWA/DOT APPROVAL 3-31-08	
MAP REVISED 8/08/08	

MONTANA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
FERGUS COUNTY
SCALE 1:1000

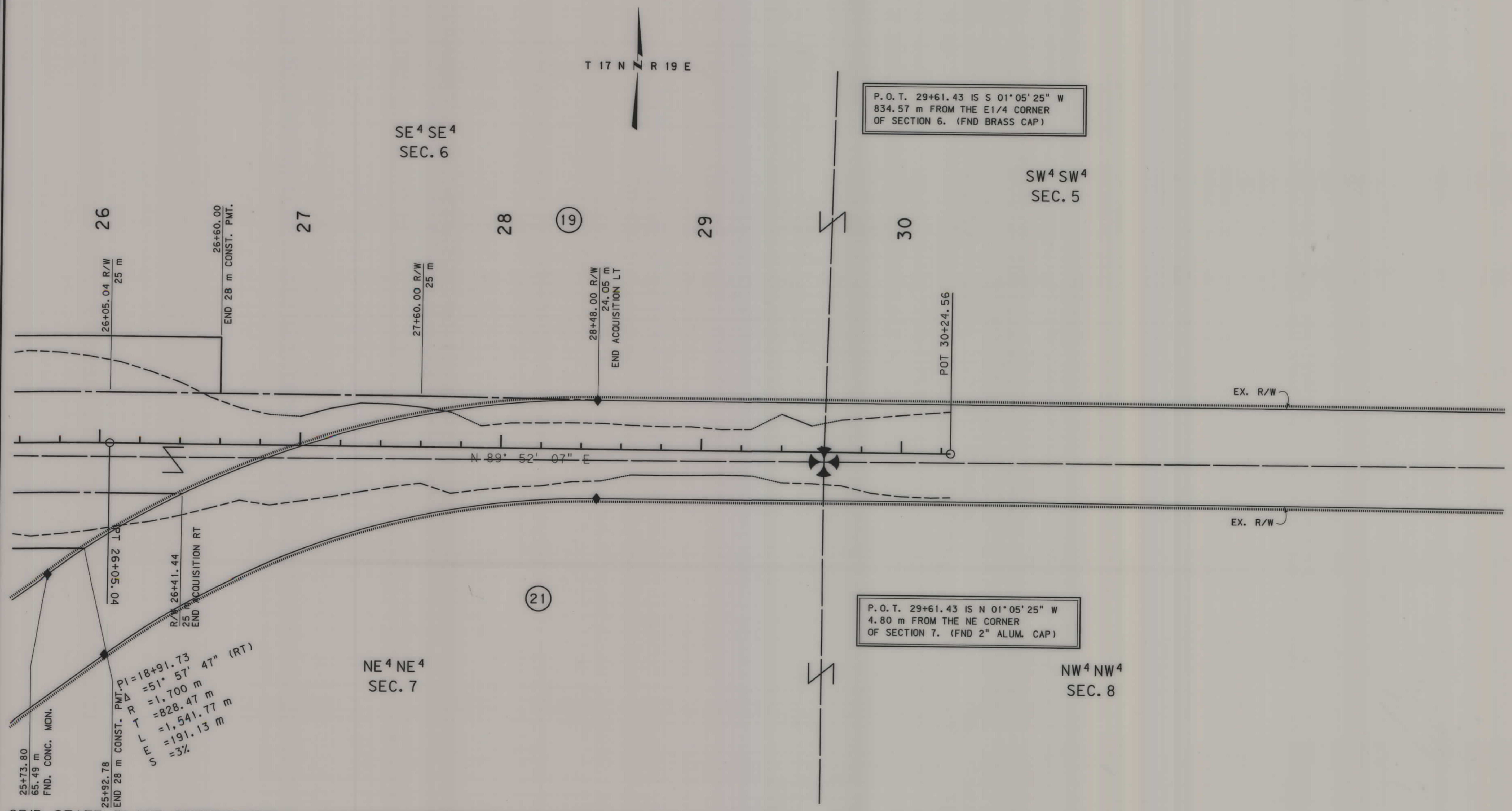
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SEE SHEET NO. 2 FOR OWNERSHIP NAMES, ADDRESSES, AREAS, ETC.

STATE	RIGHT OF WAY ID.	SHEET	TOTAL
		NO.	SHEETS
MONTANA	HSIP 43-1(30)14	6	14
PROJECT NUMBER 4719-030			
2000-SAFETY IMPRVMT-HILGER			

RDRW

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GRID STATE PLANE COORDINATES
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BACKSLOPE LIMITS INCLUDE ROUNDING	TOP OF CUT
CONSTRUCTION LIMITS:	CUT SECTION
	TOE OF FILL
FHWA/DOT APPROVAL 3-31-08	
MAP REVISED 8/08/08 12/11/08	

MONTANA
DEPARTMENT OF TRANSPORTATION

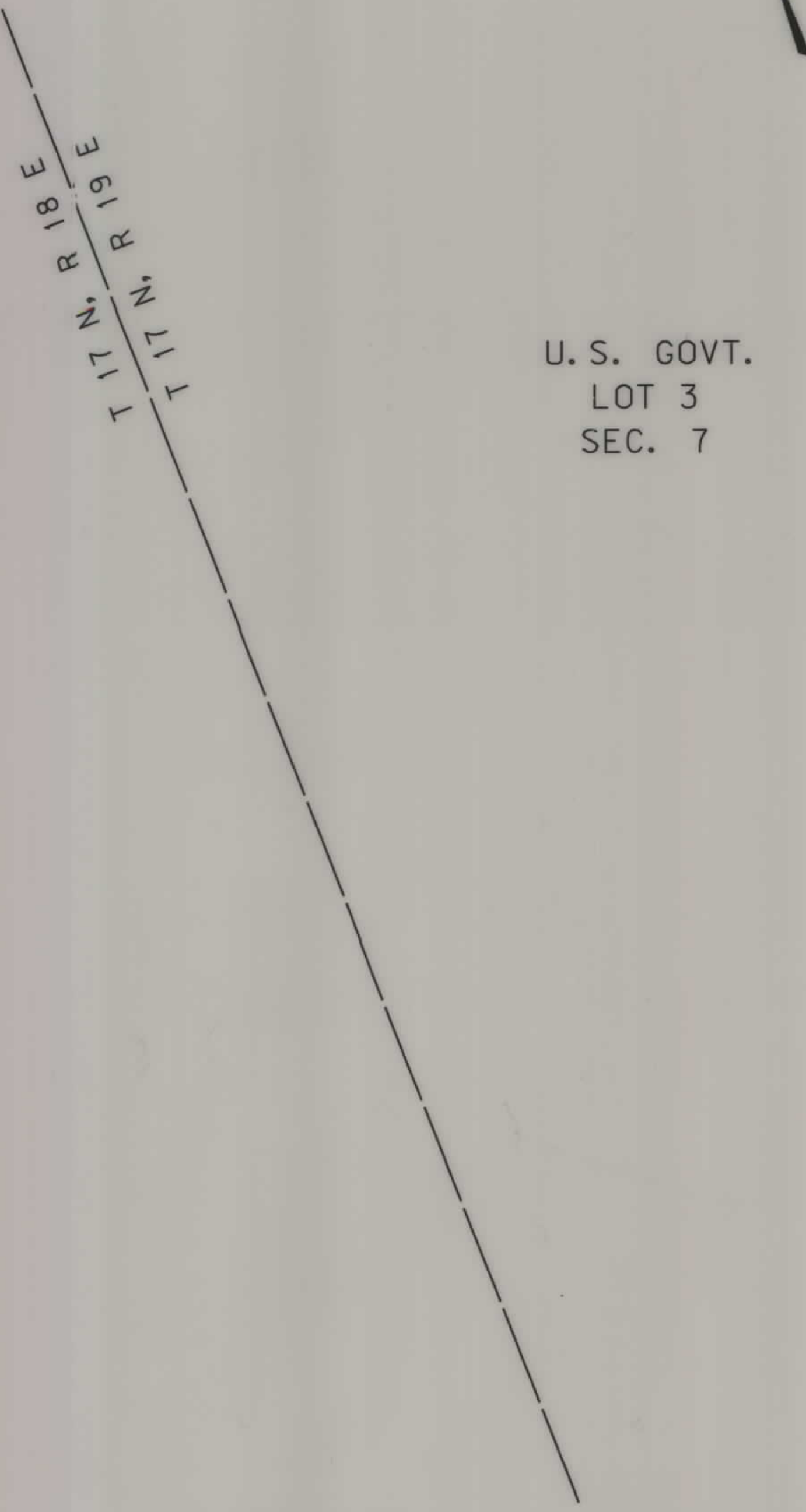
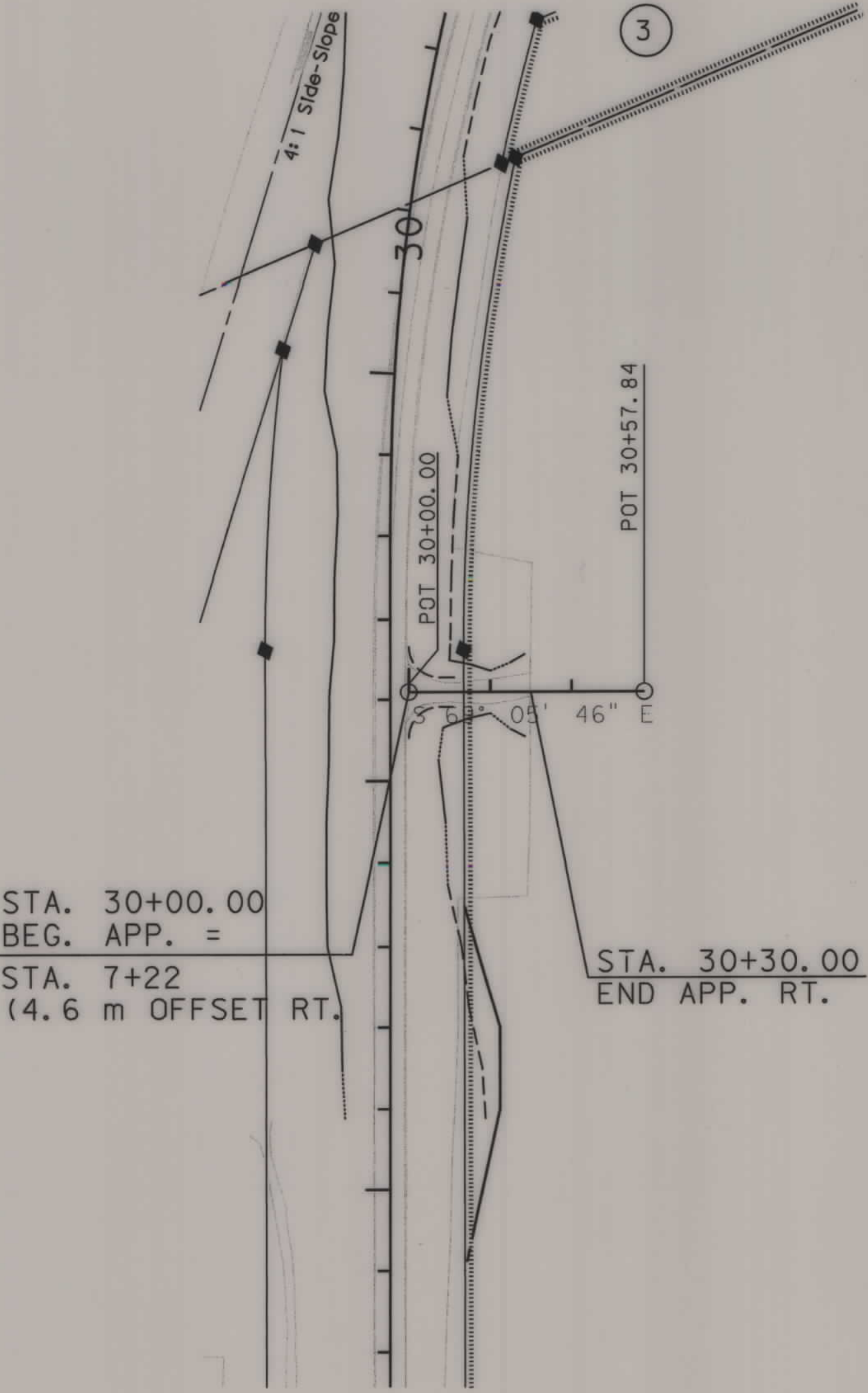
RIGHT OF WAY PLAN
FERGUS COUNTY
SCALE 1:1000

0 50M 100M

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	HSIP 43-1(30)14	7	14
PROJECT NUMBER 4719-030			
2000- SAFETY IMPRVT-HILGER			

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

SE⁴ NE⁴
SEC. 12



MONTANA DEPARTMENT OF TRANSPORTATION
CADD

RDROW

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1

GRID STATE PLANE COORDINATES

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BACKSLOPE LIMITS INCLUDE ROUNDING
CONSTRUCTION LIMITS: CUT SECTION TOE OF FILL
FHWA/DOT APPROVAL 3-31-08
MAP REVISED

MONTANA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
FERGUS COUNTY
SCALE 1:1000

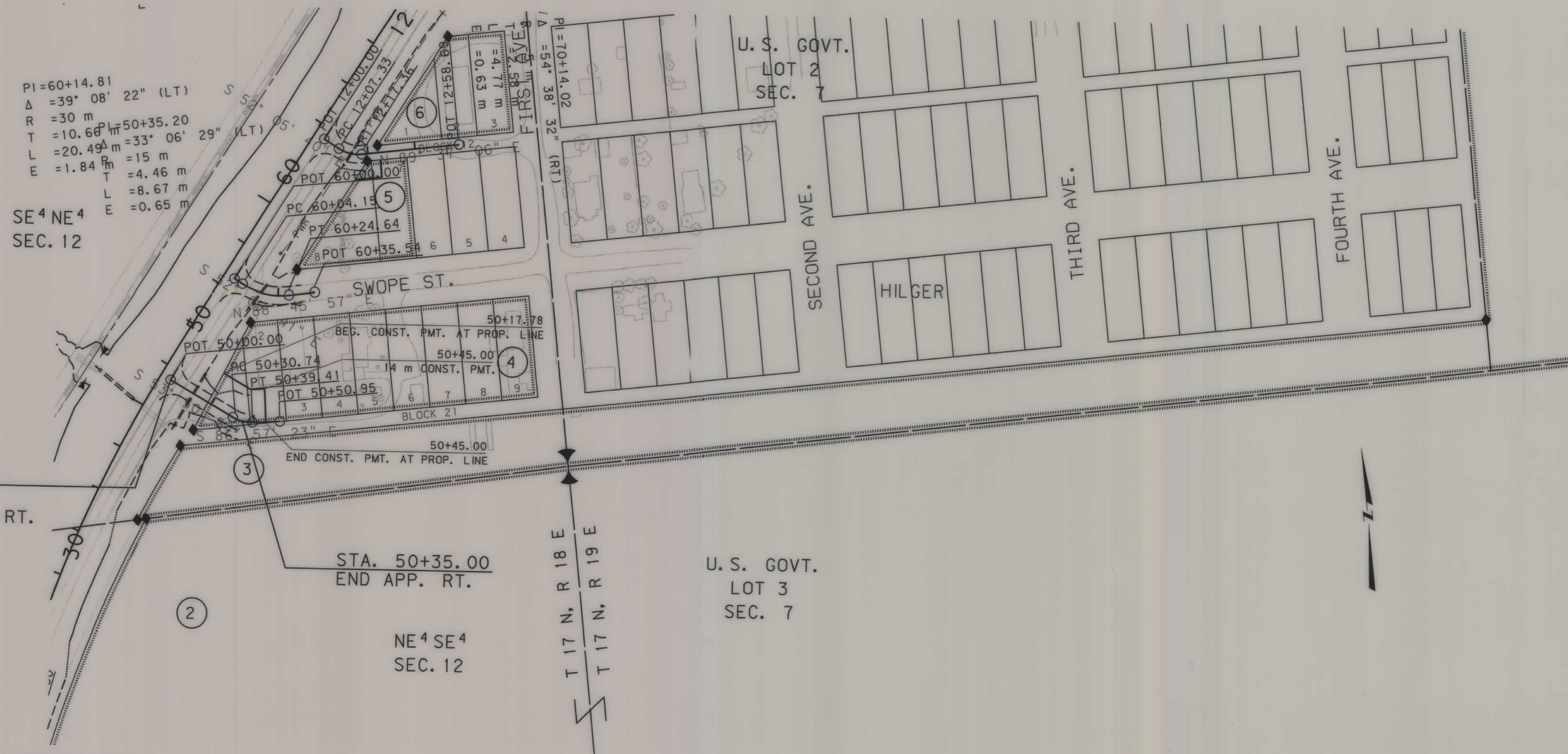
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SEE SHEET NO. 2 FOR OWNERSHIP NAMES, ADDRESSES, AREAS, ETC.

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	HSIP 43-1(30)14	8	14
PROJECT NUMBER 4719-030			
2000-SAFETY IMPRVT-HILGER			



RDROW



STA. 50+00.00
BEG. APP. =
STA. 9+15
(4.6 m OFFSET RT.)

STA. 50+35.00
END APP. RT.

NE 4 SE 4
SEC. 12

U. S. GOVT.
LOT 3
SEC. 7

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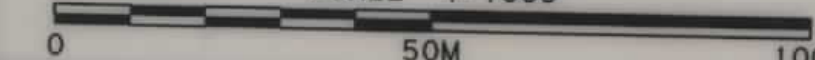
FOR EXISTING R/W RETRACEMENT, SEE
C. O. S. 773

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BACKSLOPE LIMITS INCLUDE ROUNDING	TOP OF CUT
CONSTRUCTION LIMITS:	CUT SECTION
	TOE OF FILL
FHWA/DOT APPROVAL	3-31-08
MAP REVISED	12/11/08 1/14/09

MONTANA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
FERGUS COUNTY
SCALE 1:1000



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10460

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

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	HSIP 43-1(30)14	9	14
PROJECT NUMBER 4719-030			
2000-SAFETY IMPRVMT-HILGER			



RDROW

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GRID STATE PLANE COORDINATES
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C.O.S. 773

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BACKSLOPE LIMITS INCLUDE ROUNDING	TOP OF CUT
CONSTRUCTION LIMITS:	CUT SECTION
	TOE OF FILL
FHWA/DOT APPROVAL	3-31-08
MAP REVISED	12/11/08 12/18/08 1/14/09

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

SE 4 NW 4
SEC. 7

STA. 60+00.00
BEG. APP. =
STA. 9+65
(4.6 m OFFSET RT.)

STA. 60+32.00
END APP. RT.

NE 4 SE 4
SEC. 12

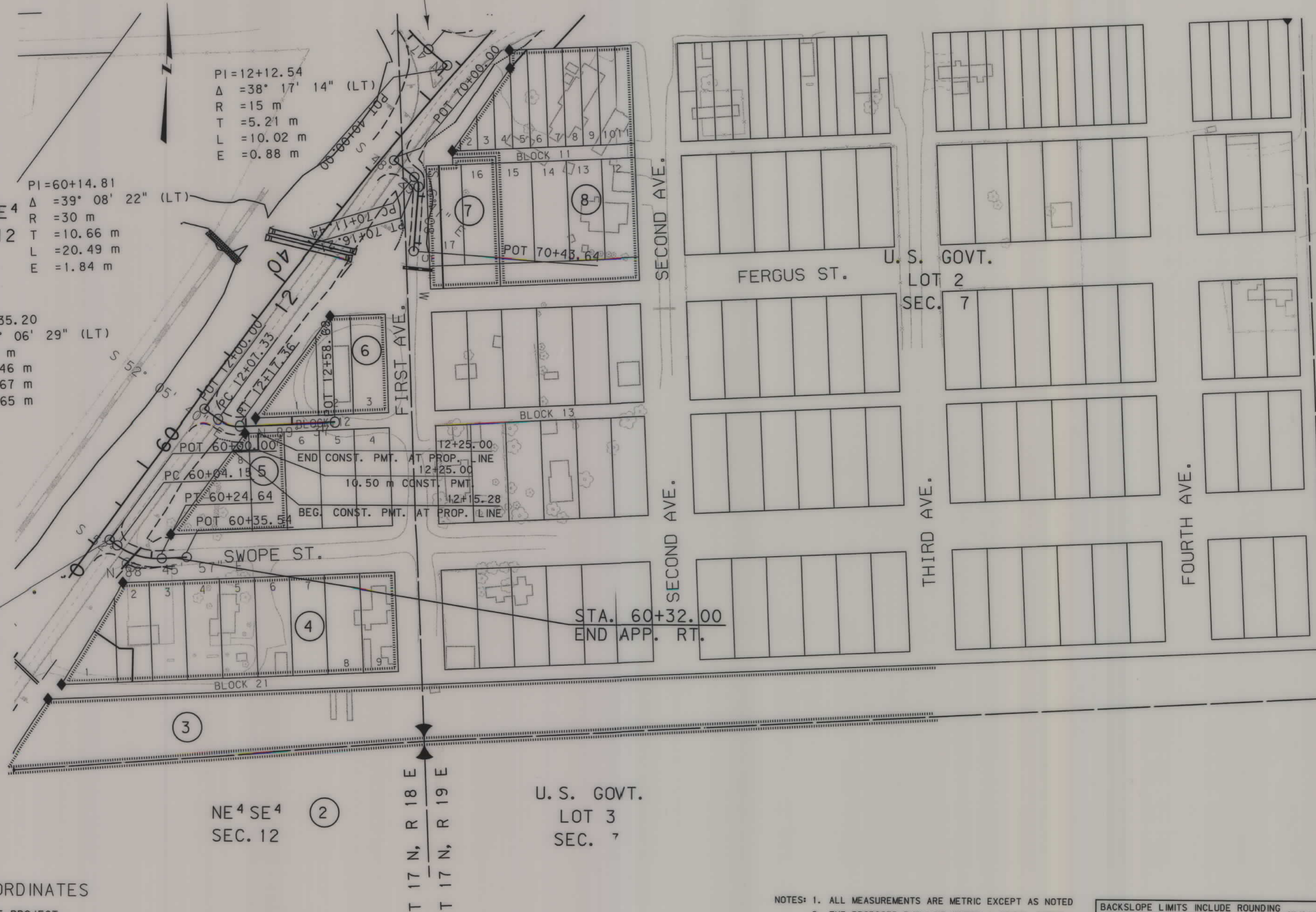
U. S. GOVT.
LOT 3
SEC. 7

PI=12+12.54
Δ =38° 17' 14" (LT)
R =15 m
T =5.21 m
L =10.02 m
E =0.88 m

SE 4 NE 4
SEC. 12
PI=60+14.81
Δ =39° 08' 22" (LT)
R =30 m
T =10.66 m
L =20.49 m
E =1.84 m

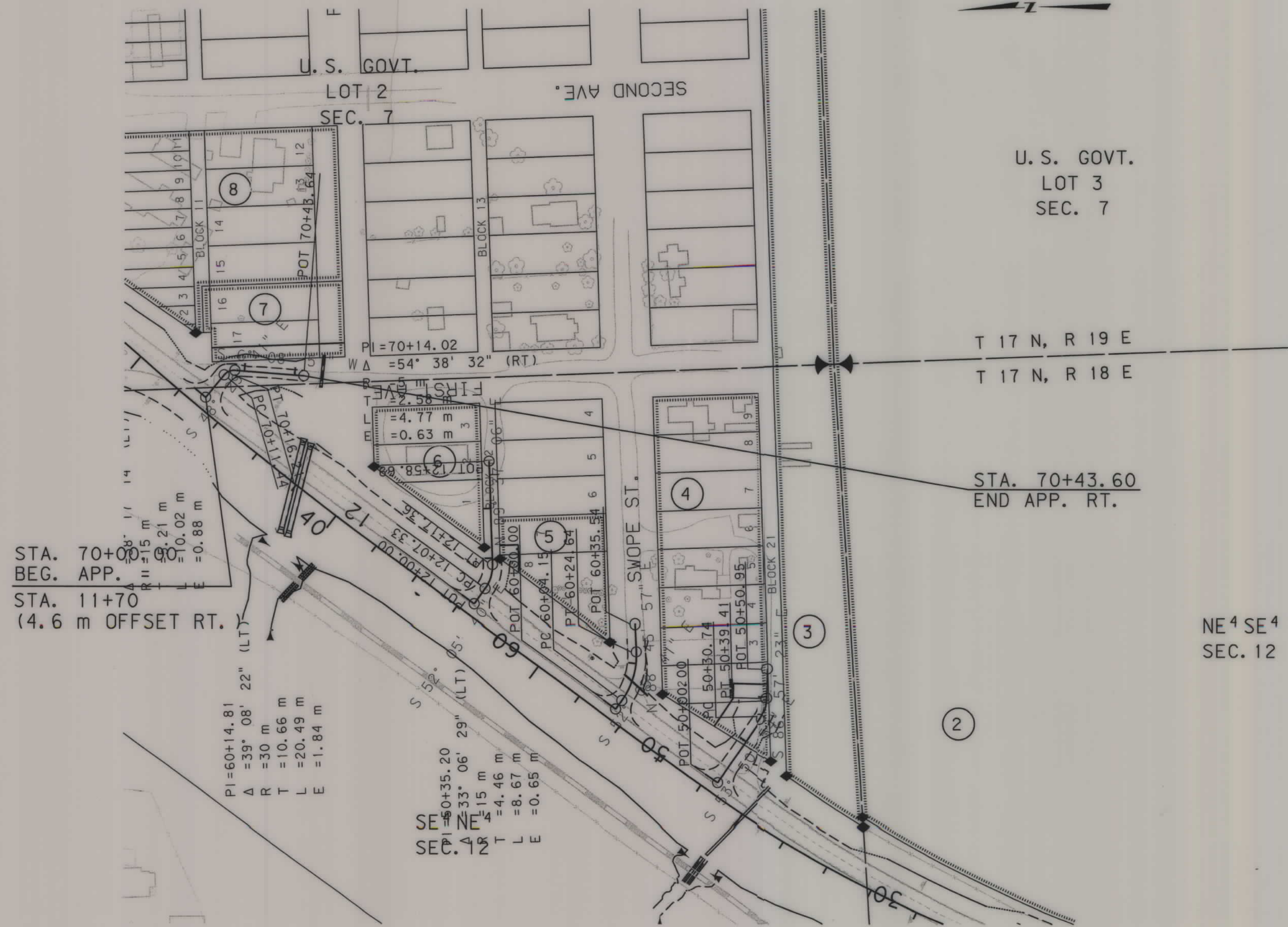
PI=50+35.20
Δ =33° 06' 29" (LT)
R =15 m
T =4.46 m
L =8.67 m
E =0.65 m

SEE SHEET 14
FOR DETAIL



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

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	HSIP 43-1(30)14	10	14
PROJECT NUMBER 4719-030			
2000-SAFETY IMPRVT-HILGER			



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 0.99920909

FOR EXISTING R/W RETRACEMENT, SEE
C.O.S. 773

- 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	TOP OF CUT
CONSTRUCTION LIMITS: CUT SECTION	DITCH BOTTOM
TOE OF FILL	
FHWA/DOT APPROVAL 3-31-08	
MAP REVISED 12-11-08 1-14-09	

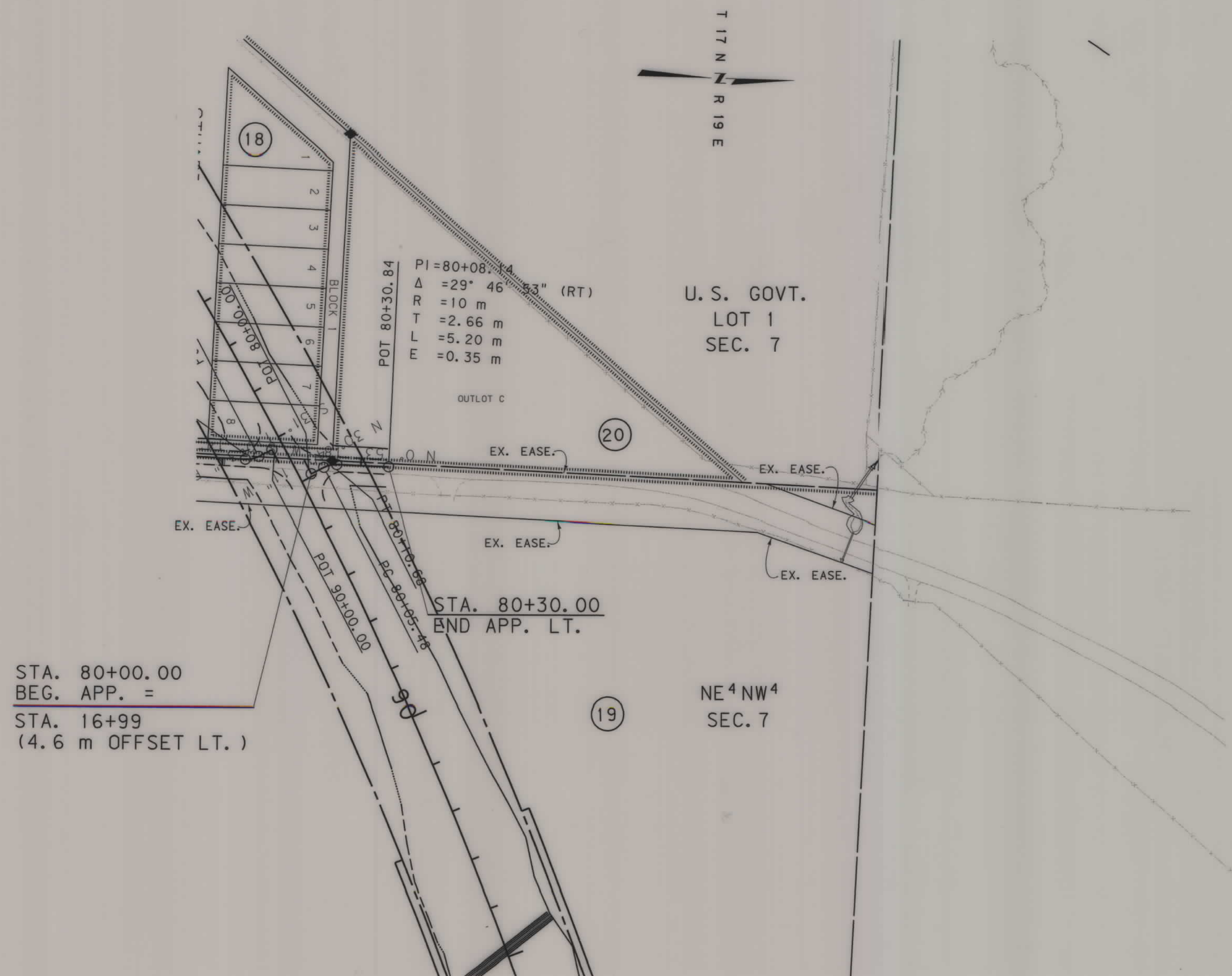
MONTANA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
FERGUS COUNTY
SCALE 1:1000

0 50M 100M

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

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	HSIP 43-1(30)14	11	14
PROJECT NUMBER 4719-030			
2000-SAFETY IMPRVMT-HILGER			



STA. 80+00.00
BEG. APP. =
STA. 16+99
(4.6 m OFFSET LT.)

STA. 80+30.00
END APP. LT.

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BACKSLOPE LIMITS INCLUDE ROUNDING
CONSTRUCTION LIMITS:
CUT SECTION
TOE OF FILL
FHWA/DOT APPROVAL 3-31-08
MAP REVISED 11-06-08

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

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

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	HSIP 43-1(30)14	13	14
PROJECT NUMBER 4719-030			
2000-SAFETY IMPRVMT-HILGER			



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FOR EXISTING R/W RETRACEMENT, SEE
C.O.S. 773

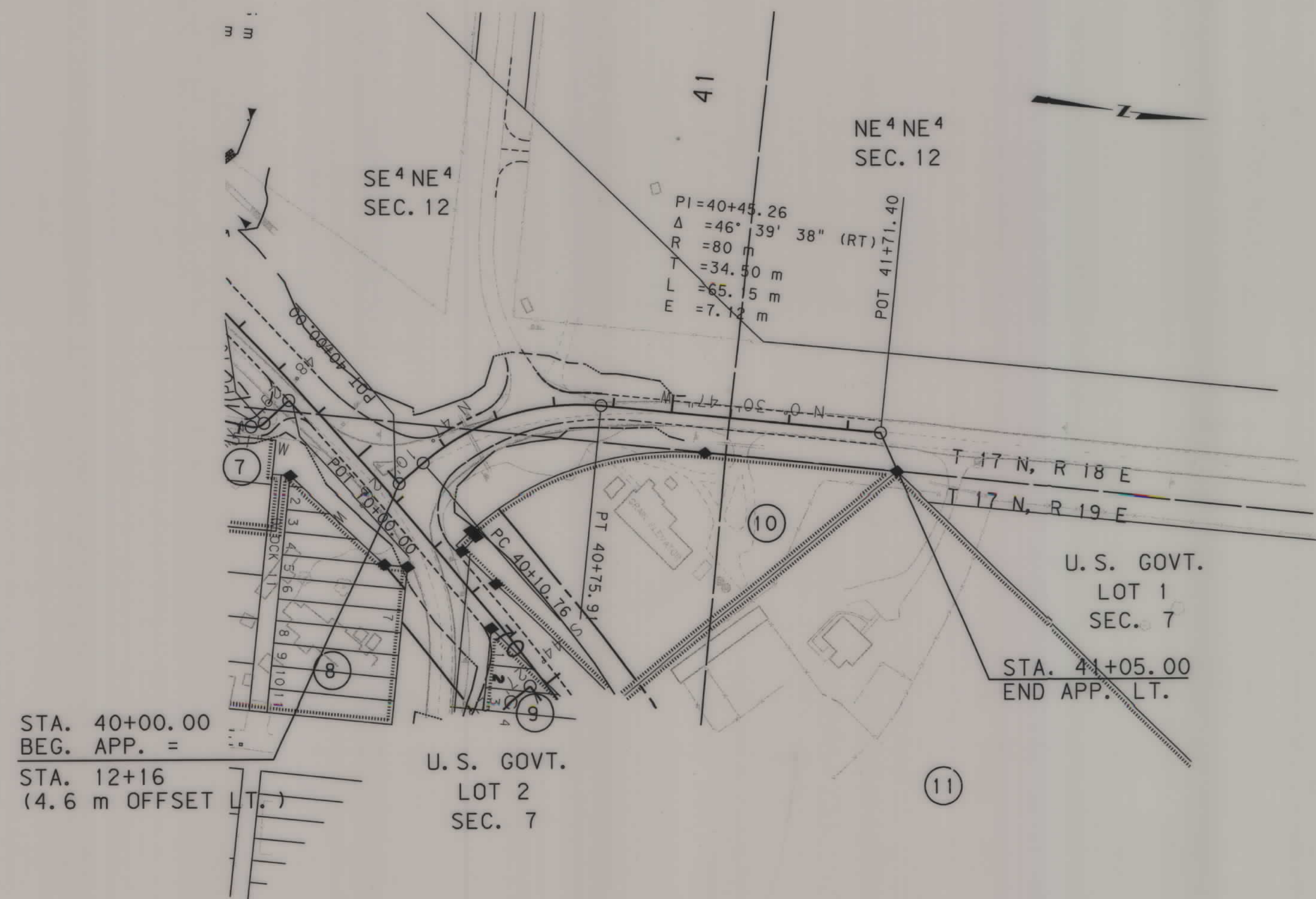
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BACKSLOPE LIMITS INCLUDE ROUNDING	TOP OF CUT
CONSTRUCTION LIMITS:	CUT SECTION
	TOE OF FILL
	DITCH BOTTOM
FHWA/DOT APPROVAL	3-31-08
MAP REVISED	

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

STATE	RIGHT OF WAY ID.	SHEET	TOTAL
		NO.	SHEETS
MONTANA	HSIP 43-1(30)14	14	14
PROJECT NUMBER 4719-030			
2000-SAFETY IMPRVMT-HILGER			

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



STA. 40+00.00
BEG. APP. =
STA. 12+16
(4.6 m OFFSET LT.)

U.S. GOVT.
LOT 2
SEC. 7

U.S. GOVT.
LOT 1
SEC. 7
STA. 41+05.00
END APP. LT.

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FOR EXISTING R/W RETRACEMENT, SEE
C.O.S. 773

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BACKSLOPE LIMITS INCLUDE ROUNDING		CONSTRUCTION LIMITS: CUT SECTION TOE OF FILL	
FHWA/DOT APPROVAL 3-31-08		MAP REVISED	
MONTANA DEPARTMENT OF TRANSPORTATION RIGHT OF WAY PLAN FERGUS COUNTY SCALE 1"=1000 0 50M 100M			

MONTANA DEPARTMENT
OF TRANSPORTATION
CADD

RDROW

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HSIP 43-1(30)14 SHT 14 of 14