PLANS

NOT

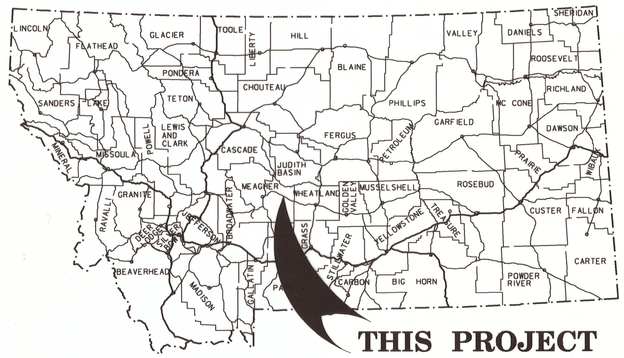
TO

SCALE

MONTANA DEPARTMENT OF TRANSPORTATION

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	STPS 294-1(9)27	1	10
PROJECT NUMBER 4475-009			

MARTINSDALE - NORTH

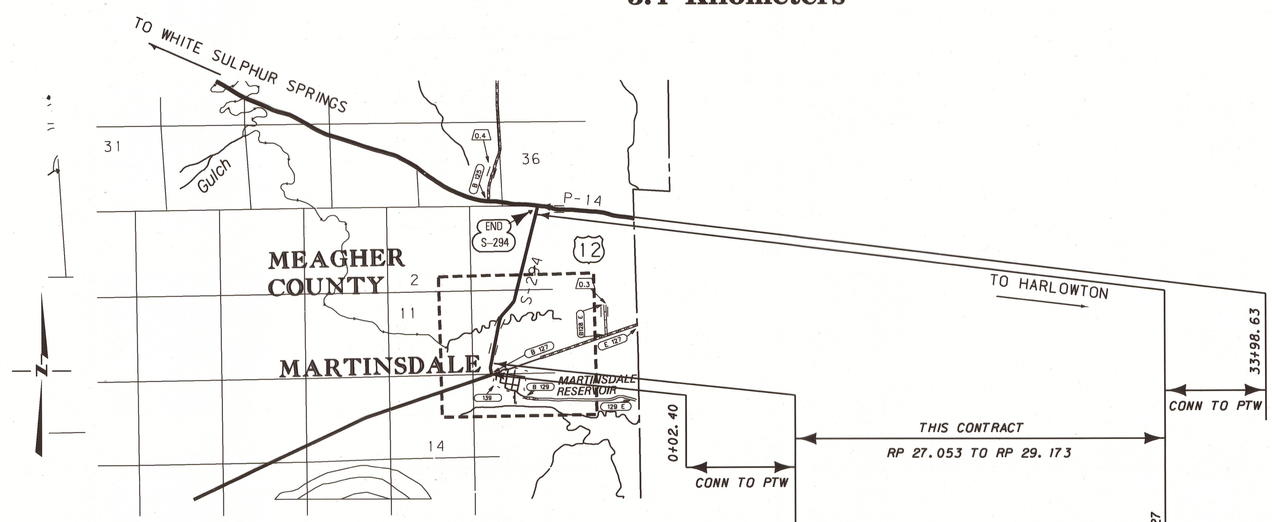


RIGHT OF WAY PLAN OF FEDERAL AID PROJECT STPS 294–1(9)27

MARTINSDALE – NORTH

MEAGHER COUNTY

3.4 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)
- 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 (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 (2)
- APPROACH: EXIST.- PROPOSED

RDROW

MONTANA CADD

3
2

ASSOCIATED PROJECT ID.
STPS 294-1(7)27 P.E.

RELATED PROJECTS
FAS 14-B
FAS 14-B(1)
FAP 8-D
S 14(10)

FHWA/MDT APPROVAL 2-28-06

MAP REVISED 12-11-06 06/16/09

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 0.99920792

NOTES: 1. ALL MEASUREMENTS ARE METRIC EXCEPT AS NOTED

OWNERSHIP

PARCEL	NAME	ADDRESS	TOTAL AREA METRIC	TOTAL AREA ENGLISH	GROSS R/W AREA METRIC	GROSS R/W AREA ENGLISH	EX. EASE. AREA METRIC	EX. EASE. AREA ENGLISH	NET AREA METRIC	NET AREA ENGLISH	REMAINDER LEFT METRIC	REMAINDER LEFT ENGLISH	REMAINDER RIGHT METRIC	REMAINDER RIGHT ENGLISH	CONST. PMT. AREA METRIC	CONST. PMT. AREA ENGLISH	EASE. AREA METRIC	EASE. AREA ENGLISH	SHEET NO.
1	THE BAIR RANCH FOUNDATION	PO BOX 30678, BILLINGS, MT 59115-0001	54.750+ ha	160.00+ AC	13.810 ha	34.12 AC	11.613 ha	28.69 AC	2.197 ha	5.43 AC					3.608 ha	8.92 AC	*4.117 ha	*10.17 AC	3-10
	f/k/a THE BAIR CO.																		
2	THE BAIR FOUNDATION	PO BOX 30678, BILLINGS, MT 59115-0001	8.323 ha	20.567 AC											0.094 ha	0.23 AC			4, 5, 10
	f/k/a THE BAIR CO.																		
3	UPPER MUSSELSHELL WATER USERS	PO BOX 96, MARTINSDALE, MT 59053	FOR NEGOTIATIONS ONLY																3, 5, 7, 9
	ASSOCIATION, C/O PETER MARCHI																		
4	DNRC	PO BOX 201601, HELENA, MT 59620	FOR NEGOTIATIONS ONLY																3

* INCLUDES: 0.024 ha (0.06 AC) MAINT. EASEMENTS
3.198 ha (7.90 AC) SNOW FENCE EASEMENTS
0.895 ha (2.21 AC) EASEMENTS TO BE ACQUIRED IN NAME OF PARCEL 3
0.242 ha (0.60 AC) EASEMENT TO BE ACQUIRED IN NAME OF PARCEL 4

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	STPS 294-1(9)27	2	10
PROJECT NUMBER 4475-009			

MARTINSDALE - NORTH

RIGHT-OF-WAY COORDINATE ASCII FILES

R/W BREAK COORDS: 4475ROBRK001.TXT
R/W BASELINE COORDS: 4475ROBAS001.TXT
ALL FILES ARE LOCATED ON THE CADD SERVER IN THE RO DIRECTORY, UNDER PROJECT: 4475

MONTANA DEPARTMENT OF TRANSPORTATION

MONTANA CADD

RDROW

c:\dgn\4475rown001.dgn
9/25/2009
11:23:35 AM
3 2 JCPS - 00250

GRID STATE PLANE COORDINATES

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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.
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 (TOP OF CUT, DITCH BOTTOM) TOE OF FILL

FHWA/DOT APPROVAL 2-28-06

MAP REVISED 12-11-06 06-16-09 8-11-09 9-23-09

MONTANA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
MEAGHER COUNTY

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	STPS 294-1(9)27	3	10

PROJECT NUMBER 4475-009

MARTINSDALE - NORTH

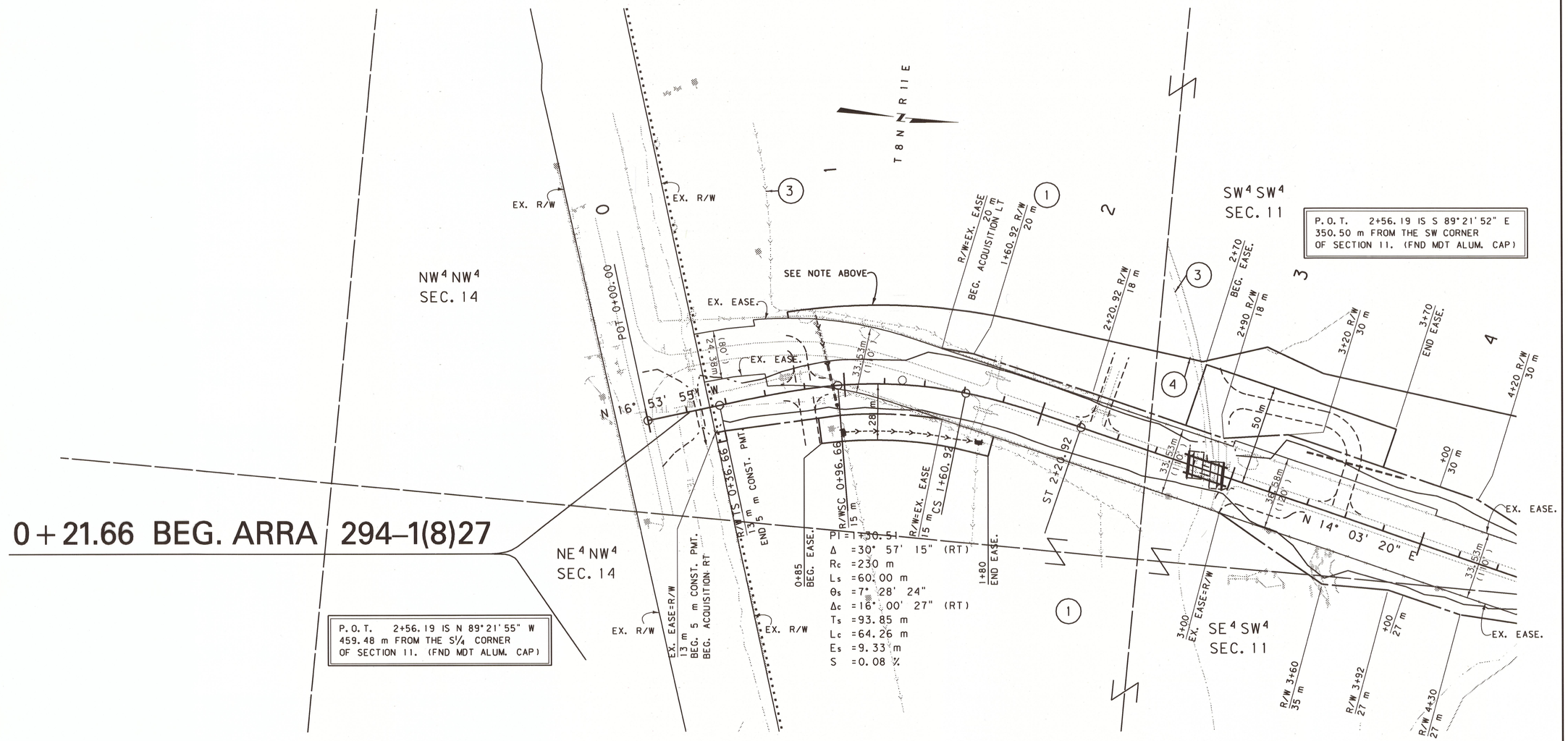
SEE SHEET NO. 2 FOR OWNERSHIP NAMES, ADDRESSES, AREAS, ETC.

NOTE: FOR DETOUR INFORMATION SEE SHEETS 9 AND 10.

MONTANA DEPARTMENT OF TRANSPORTATION

MONTANA CADD

RDROW



PI = 1+30.51
Δ = 30° 57' 15" (RT)
Rc = 230 m
Ls = 60.00 m
θs = 7° 28' 24"
Δc = 16° 00' 27" (RT)
Ts = 93.85 m
Lc = 64.26 m
Es = 9.33 m
S = 0.08 %

GRID STATE PLANE COORDINATES

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

FHWA/DOT APPROVAL 2-28-06

MAP REVISED 12-11-06 8-11-09 9-23-09

MONTANA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
MEAGHER COUNTY
SCALE 1:1000
0 50M 100M

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9/25/2009
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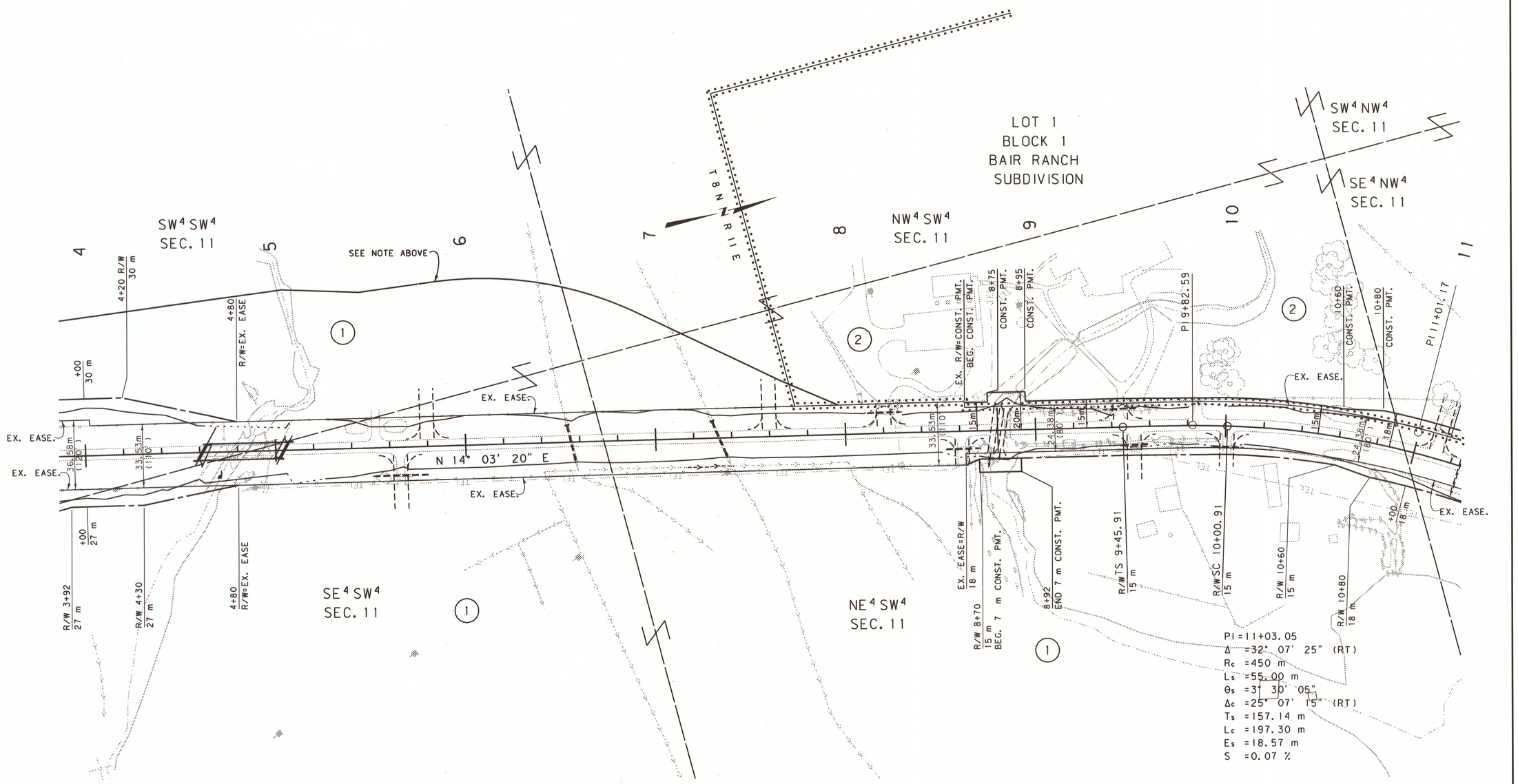
N 3 PS - U0250

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	STPS 294-1(9)27	4	10
PROJECT NUMBER 4475-009			

MARTINSDALE - NORTH

NOTE: FOR DETOUR INFORMATION SEE SHEETS 9 AND 10.

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



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BACKSLOPE LIMITS INCLUDE ROUNDING
CONSTRUCTION LIMITS: CUT SECTION (TOP OF CUT), TOE OF FILL (DITCH BOTTOM)

FHWA/DOT APPROVAL 2-28-06

MAP REVISED 12-11-06 06-16-09 8-11-09

MONTANA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
MEAGHER COUNTY
SCALE 1:1000
0 50M 100M

RDROW

MONTANA DEPARTMENT OF TRANSPORTATION

MONTANA CADD

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8/14/2009
10:26:05 AM
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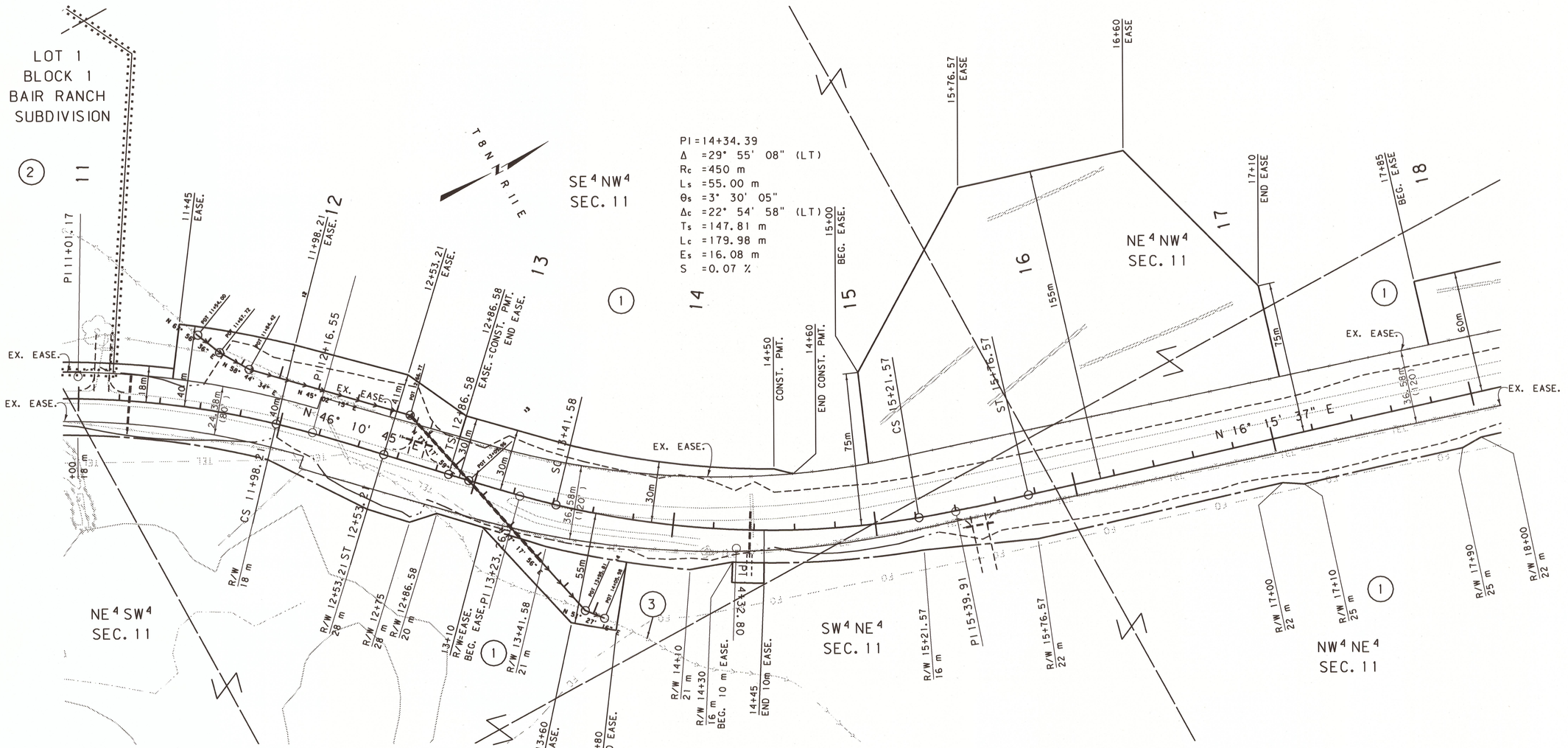
1

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	STPS 294-1(9)27	5	10
PROJECT NUMBER 4475-009			

MARTINSDALE - NORTH

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



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BACKSLOPE LIMITS INCLUDE ROUNDING
CONSTRUCTION LIMITS: CUT SECTION (TOP OF CUT, DITCH BOTTOM) TOE OF FILL

FHWA/DOT APPROVAL 2-28-06

MAP REVISED 06-16-09 8-11-09

MONTANA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
MEAGHER COUNTY

SCALE 1: 1000

0 50M 100M

RDROW

MONTANA DEPARTMENT OF TRANSPORTATION
MONTANA CADD

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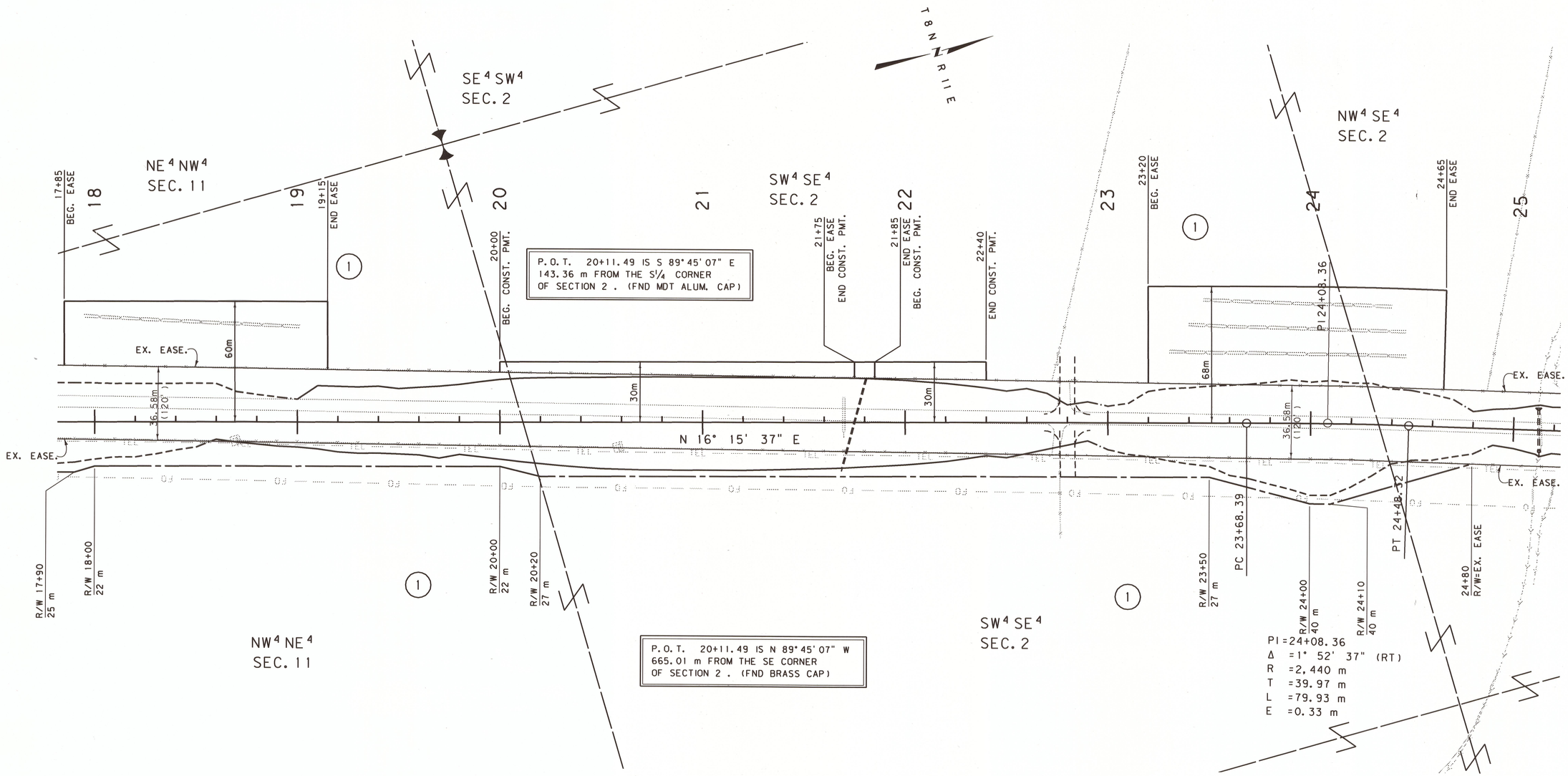
1 2

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	STPS 294-1(9)27	6	10
PROJECT NUMBER 4475-009			

MARTINSDALE - NORTH

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



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CONSTRUCTION LIMITS: CUT SECTION (TOP OF CUT, DITCH BOTTOM) TOE OF FILL

FHWA/DOT APPROVAL 2-28-06

MAP REVISED 12-11-06

MONTANA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
MEAGHER COUNTY
SCALE 1:1000
0 50M 100M

MONTANA DEPARTMENT OF TRANSPORTATION
MONTANA CADD

RDROW

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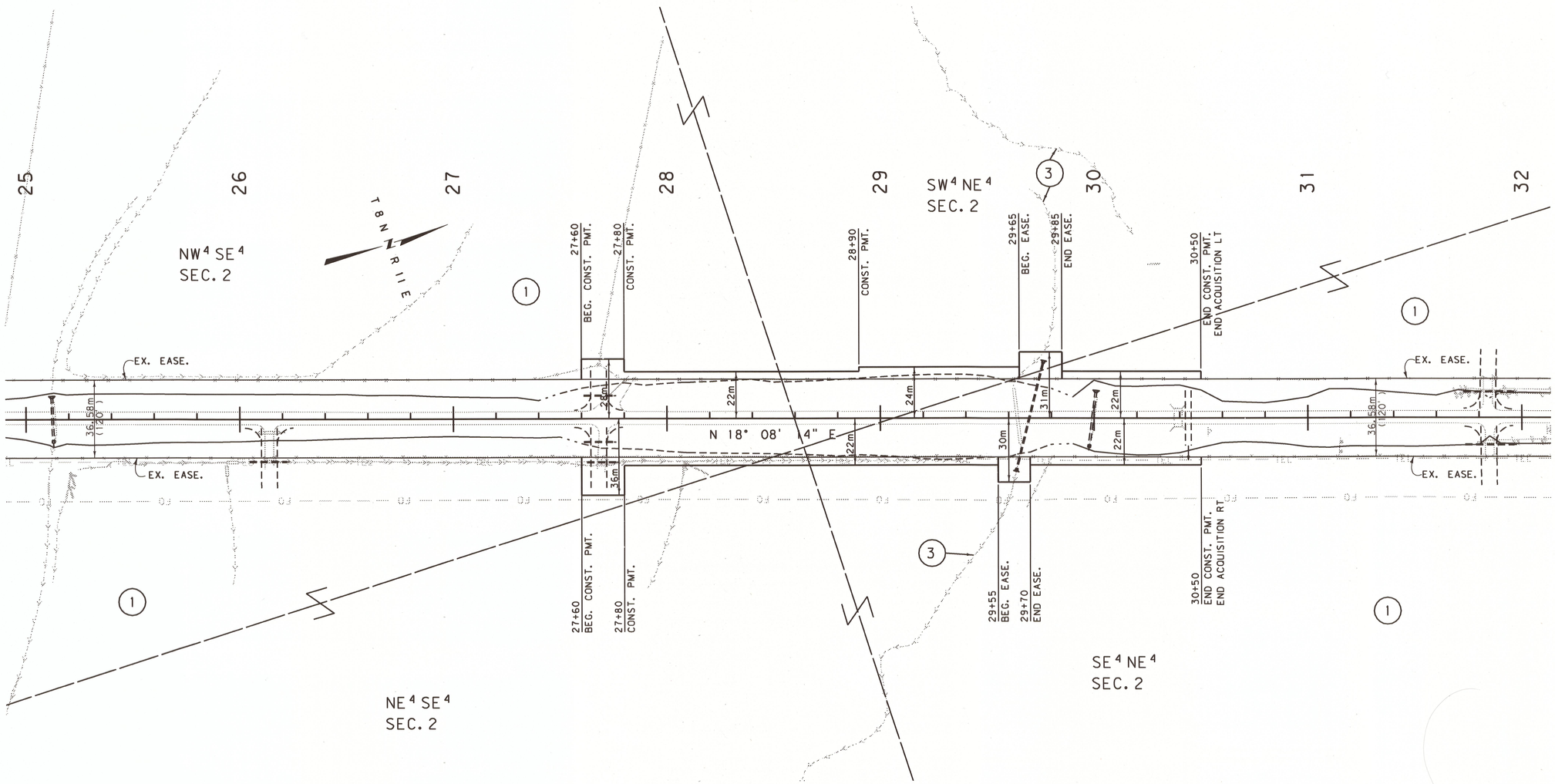
12/15/2006
9:45:21 AM
3 2 CPS - U0250

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	STPS 294-1(9)27	7	10
PROJECT NUMBER 4475-009			

MARTINSDALE - NORTH

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



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

FHWA/DOT APPROVAL 2-28-06

MAP REVISED 8-11-09

MONTANA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
MEAGHER COUNTY

SCALE 1:1000
0 50M 100M

RDROW

MONTANA DEPARTMENT OF TRANSPORTATION
MONTANA CADD

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6/4/2009
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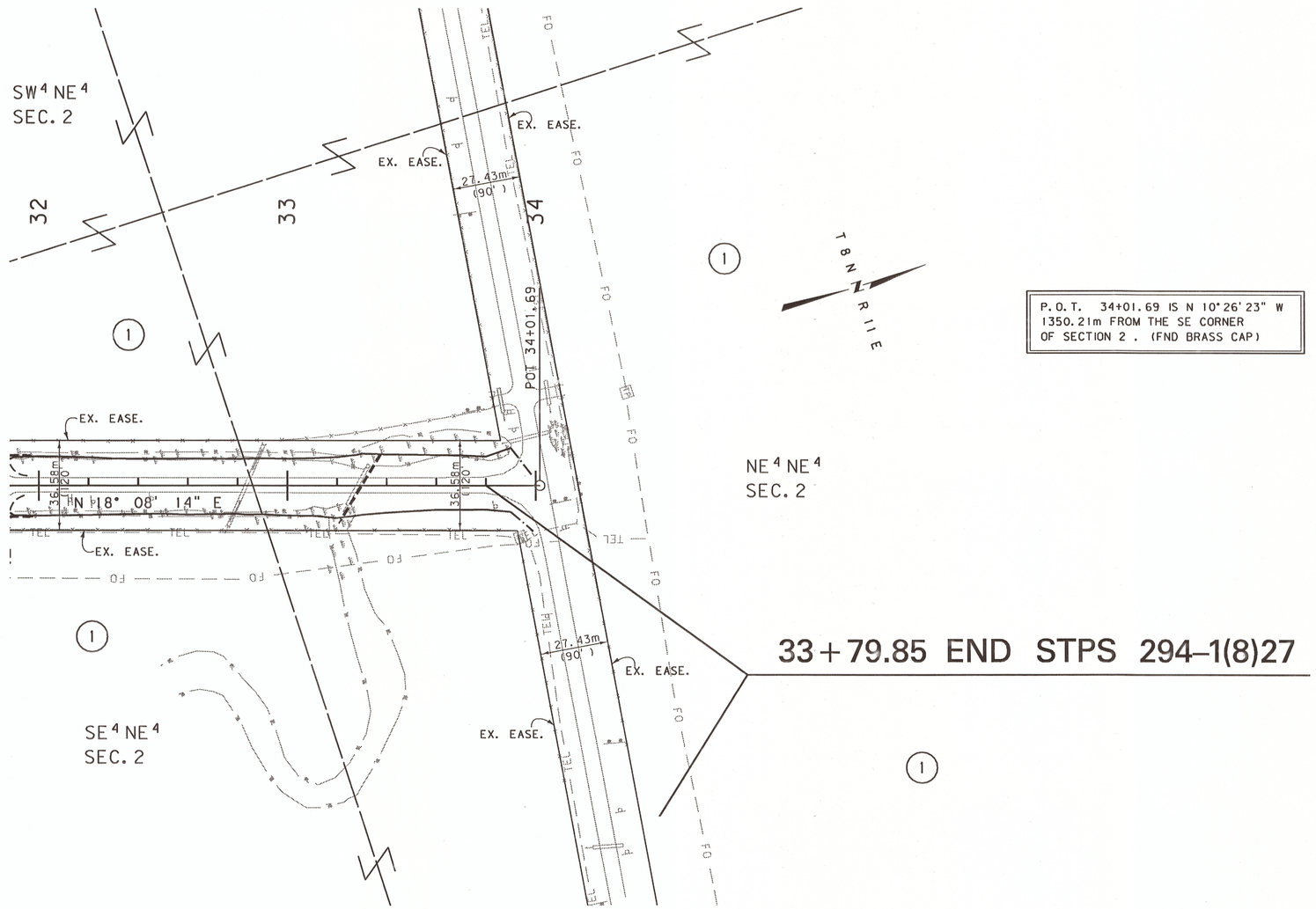
1

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	STPS 294-1(9)27	8	10
PROJECT NUMBER 4475-009			

MARTINSDALE - NORTH

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



P.O.T. 34+01.69 IS N 10°26'23" W
1350.21m FROM THE SE CORNER
OF SECTION 2 . (FND BRASS CAP)

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BACKSLOPE LIMITS INCLUDE ROUNDING
CONSTRUCTION LIMITS: CUT SECTION (TOP OF CUT, DITCH BOTTOM) TOE OF FILL

FHWA/DOT APPROVAL 2-28-06

MAP REVISED

MONTANA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
MEAGHER COUNTY
SCALE 1:1000
0 50M 100M

RDROW

MONTANA DEPARTMENT OF TRANSPORTATION
MONTANA CADD

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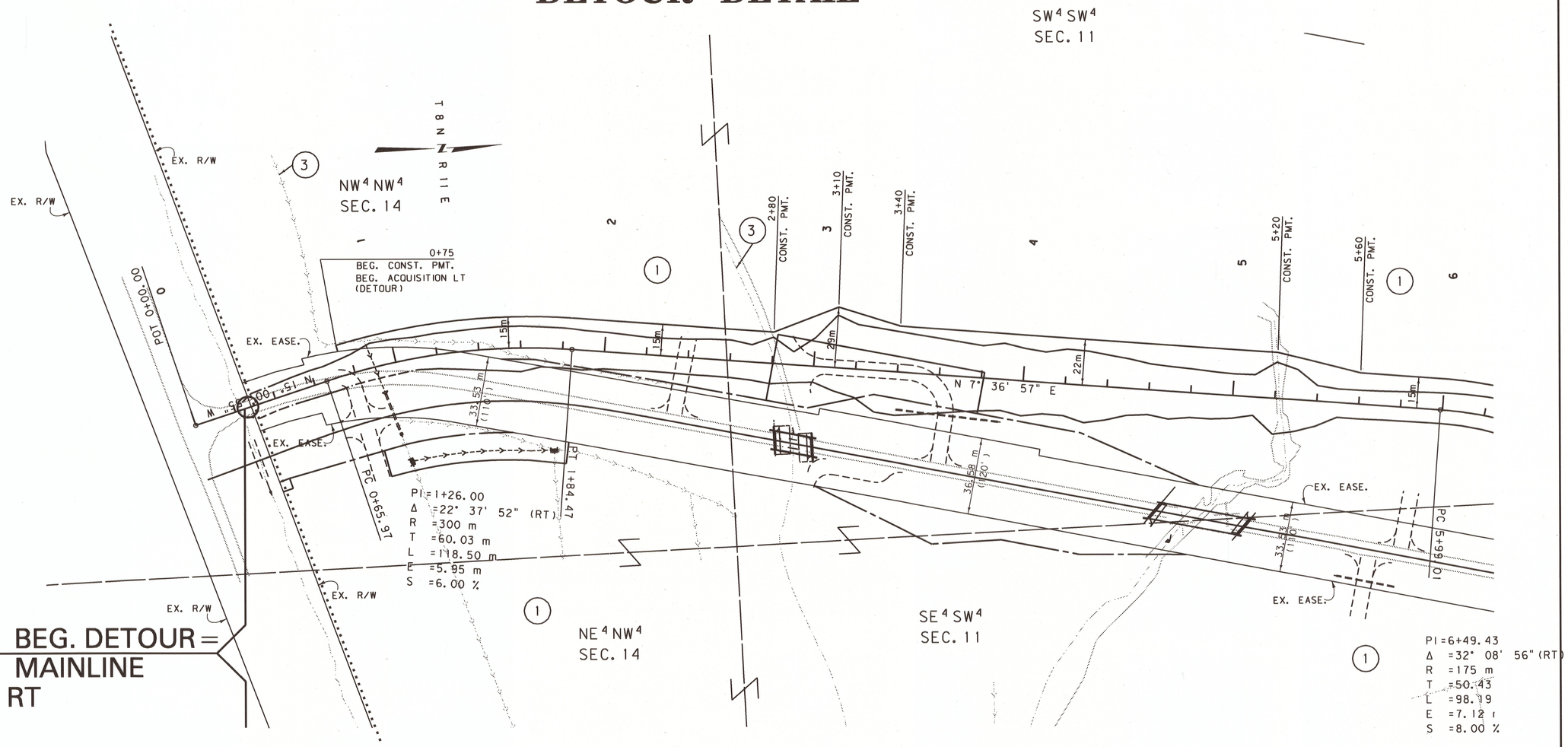
7/17/2006
9:11:12 AM
2
1
CPS - U0250

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	STPS 294-1(9)27	9	10
PROJECT NUMBER 4475-009			

MARTINSDALE - NORTH

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

DETOUR DETAIL



0 + 24.64 BEG. DETOUR =
0 + 28.32 MAINLINE
25.40m RT

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

FHWA/DOT APPROVAL 2-28-06

MAP REVISED 8-11-09

MONTANA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
MEAGHER COUNTY
SCALE 1:1000
0 50M 100M

RDROW

MONTANA DEPARTMENT OF TRANSPORTATION
MONTANA CADD

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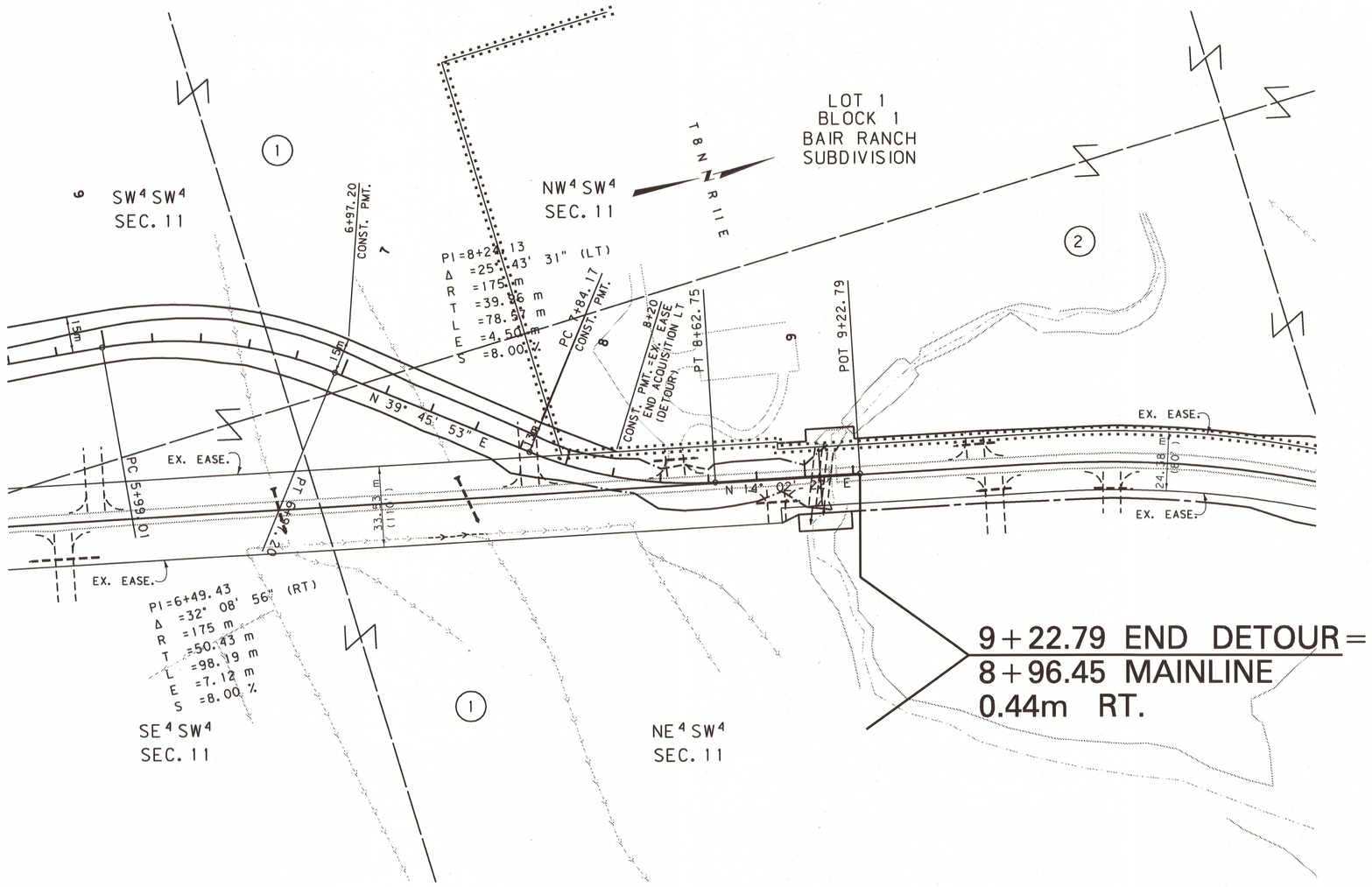
1

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	STPS 294-1(9)27	10	10
PROJECT NUMBER 4475-009			

MARTINSDALE - NORTH

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

DETOUR DETAIL



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

FHWA/DOT APPROVAL 2-28-06

MAP REVISED 8-11-09

MONTANA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
MEAGHER COUNTY
SCALE 1:1000

0 50M 100M

MONTANA DEPARTMENT OF TRANSPORTATION

MONTANA CADD

RDROW

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8/14/2009
10:26:23 AM
CPS - U0250
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