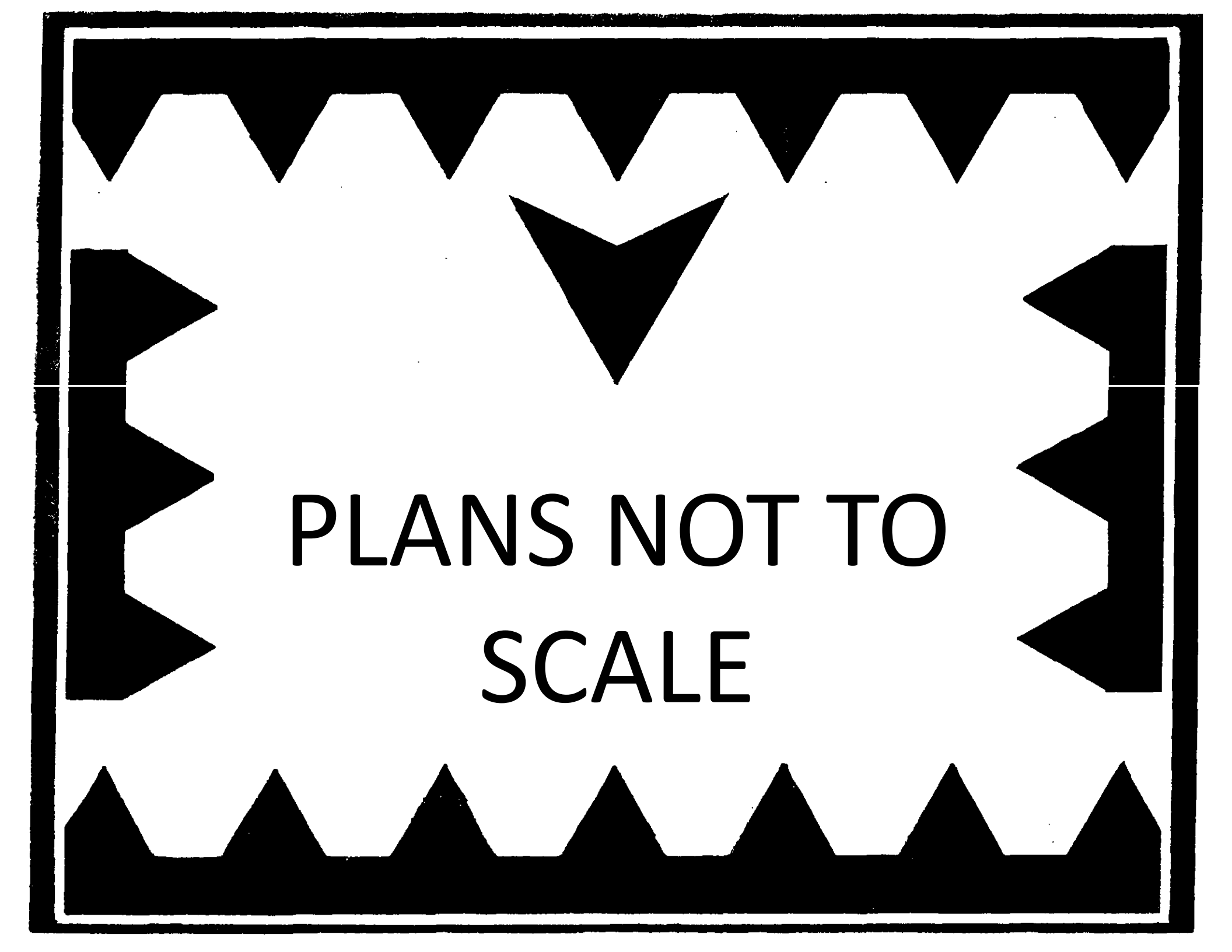
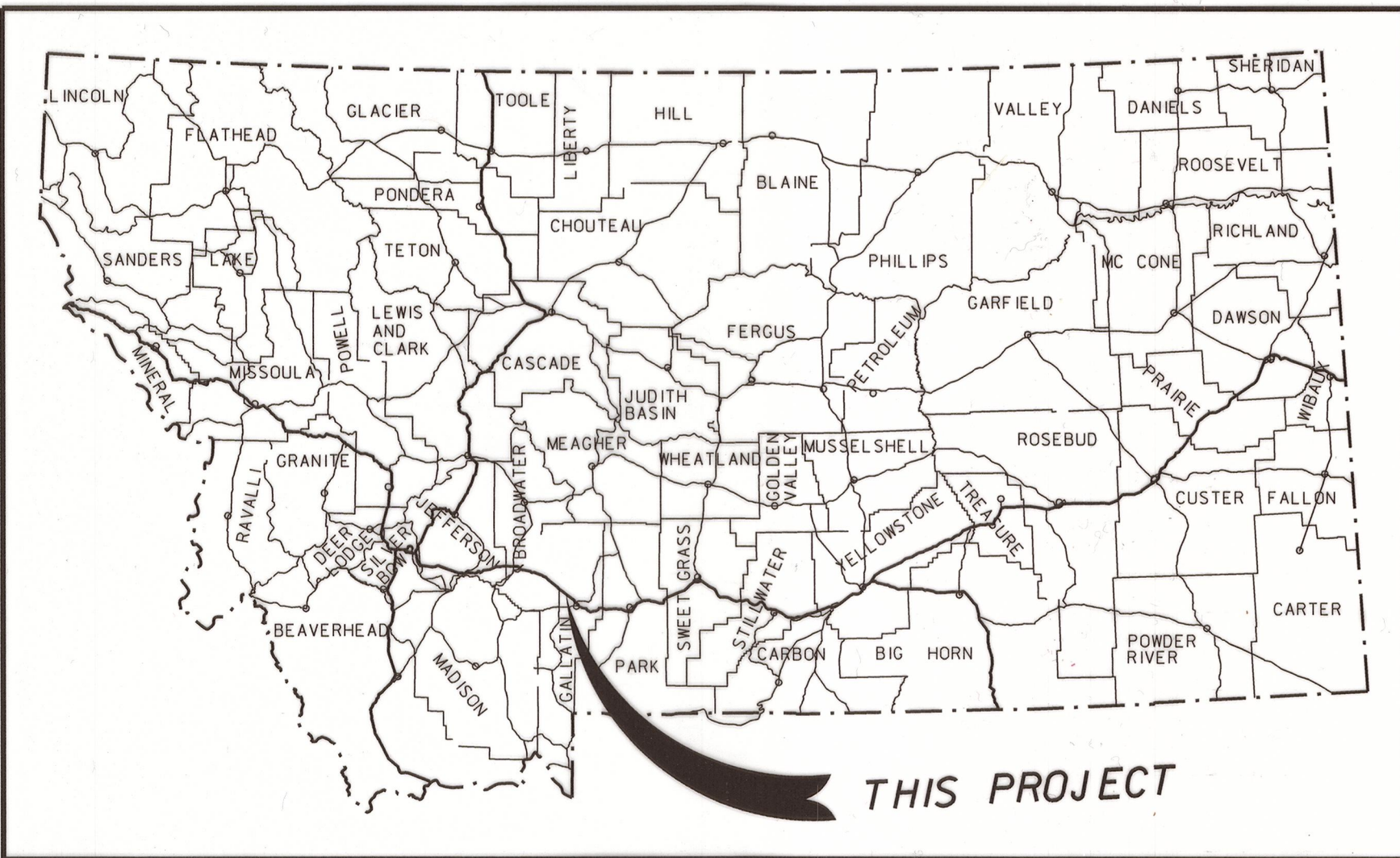




PLANS NOT TO
SCALE



MONTANA DEPARTMENT OF TRANSPORTATION

STATE	RIGHT OF WAY ID.	SHEET	TOTAL
		NO.	SHEETS
MONTANA	HSIP 205-1(38)15	1	8
PROJECT NUMBER 4437-038			

SAFETY IMPVMT-E OF MANHATTAN

RIGHT-OF-WAY COORDINATE ASCII FILES

R/W BREAK COORDS: 4437ROBRK001.TXT

R/W BASELINE COORDS: 4437ROBAS001.TXT

ALL FILES ARE LOCATED ON THE CADD SERVER
IN THE RO DIRECTORY, UNDER PROJECT: 4437

RIGHT OF WAY PLAN OF FEDERAL AID PROJECT HSIP 205-1(38)15 SAFETY IMPVMT-E OF MANHATTAN GALLATIN COUNTY

1.7 Kilometers

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

CONVENTIONAL SIGNS

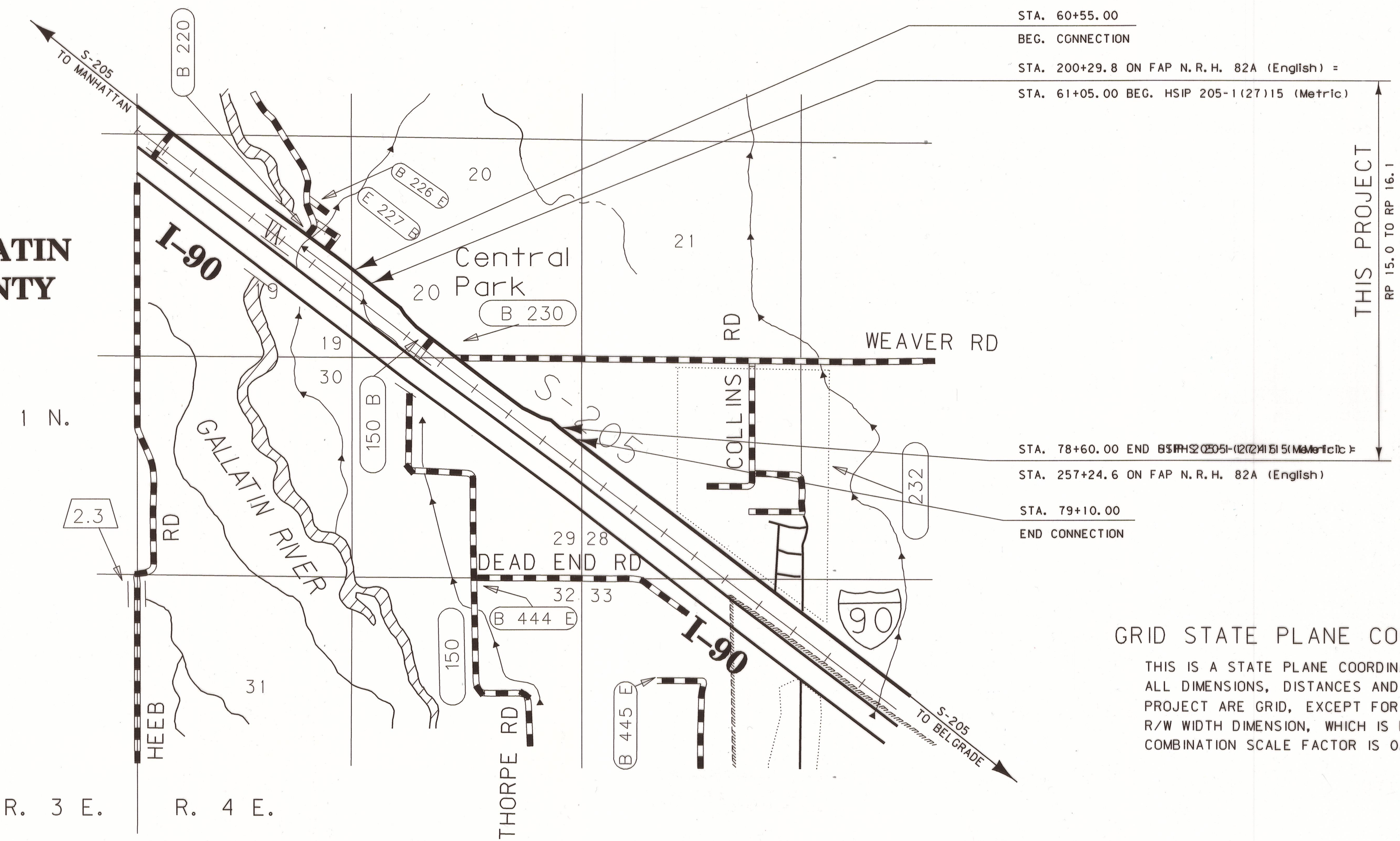
PROPOSED RIGHT OF WAY LINE	---
EXISTING RIGHT OF WAY LINE	---
RAILROAD RIGHT OF WAY LINE	---
RIGHT OF WAY BASELINE	---
STK'D CENTERLINE	---
SECTION LINE	---
OWNERSHIP BOUNDARY	---
FULL ACCESS CONTROL	AC AC
LIMITED ACCESS CONTROL	HH
EXISTING ACCESS CONTROL	HH
PRESENT TRAVELED WAY (P.T.W.)	---
FENCE LINE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

ASSOCIATED PROJECT ID.
STPHS 205-1(24)15 PE

RELATED PROJECTS
NRH 82 A
FAP 82(5)
COE-SI 90-6(53)293
I-IG 90-6(3)287

FHW/MDT APPROVAL	1/12/10
MAP REVISED	

GALLATIN COUNTY



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 0.99940236

NOTES: 1. ALL MEASUREMENTS ARE METRIC EXCEPT AS NOTED

RDROW

MONTANA
CADD

3
2
1

HSIP 205-1(38)15 SHT 1 OF 8

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	HSIP 205-1(38)15	2	8
PROJECT NUMBER		4437-038	

SAFETY IMPVMENT-E OF MANHATTAN

RIGHT-OF-WAY COORDINATE ASCII FILES

R/W BREAK COORDS: 4437ROBRK001.TXT
R/W BASELINE COORDS: 4437ROBAS001.TXT
ALL FILES ARE LOCATED ON THE CADD SERVER
IN THE RO DIRECTORY, UNDER PROJECT: 4437

* TO BE ACQUIRED AS LICENSE

[illegible]

MDTA MONTANA DEPARTMENT
OF TRANSPORTATION

MONTANA
CADD

BROWN

c:\dgn\4437roown001.dgn
2/25/2015
8:28:44 AM

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 0.99940236

- 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.

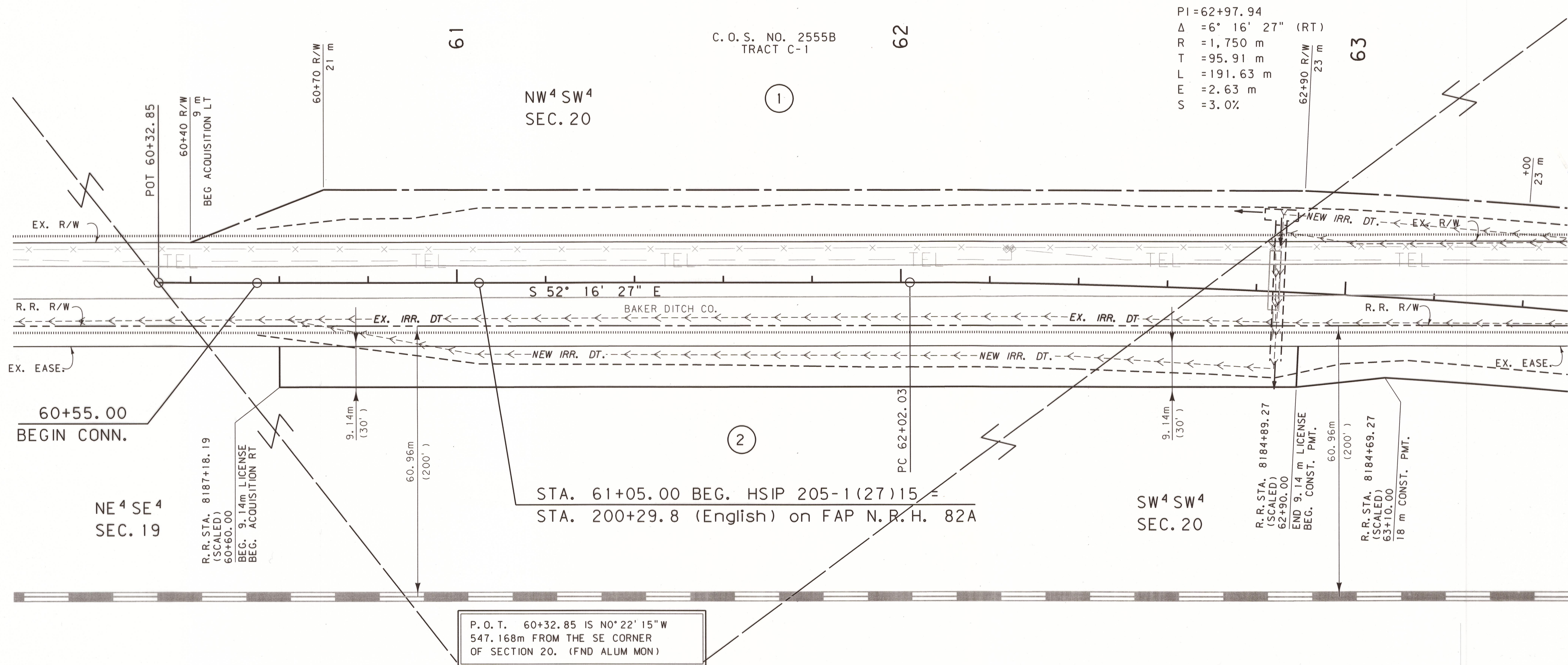
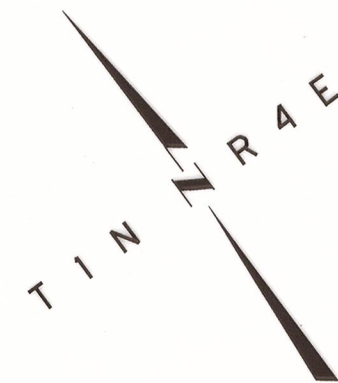
BACKSLOPE LIMITS INCLUDE ROUNDING		
CONSTRUCTION LIMITS:		
FHWA/DOT APPROVAL _____ 1/12/10		
MAP REVISED 3/15/10 4/26/10 8/03/11		
8/11/11 10/11/11 10/17/11		

MONTANA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
GALLATIN COUNTY

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

P.O.T. 60+32.85 IS S0°22'15"E
263.896m FROM THE W¼ CORNER
OF SECTION 20. (FND ALUM MON)



STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	HSIP 205-1(38)15	3	8
PROJECT NUMBER		4437-038	
SAFETY IMPVMT-E OF MANHATTAN			

PI=62+97.94
Δ = 6° 16' 27" (RT)
R = 1,750 m
T = 95.91 m
L = 191.63 m
E = 2.63 m
S = 3.0%

NW¼ SW¼
SEC. 20

C.O.S. NO. 2555B
TRACT C-1

STA. 61+05.00 BEG. HSIP 205-1(27)15
STA. 200+29.8 (English) on FAP N.R.H. 82A

SW¼ SW¼
SEC. 20

NE¼ SE¼
SEC. 19

R.R. STA. 8187+18.19
(SCALED)
60+60.00
BEG. 9.14m LICENSE
BEG. ACQUISITION RT

PC 62+02.03

R.R. STA. 8184+89.27
(SCALED)
62+90.00
END 9.14 m LICENSE
BEG. CONST. PMT.

R.R. STA. 8184+69.27
(SCALED)
63+10.00
18 m CONST. PMT.

P.O.T. 60+32.85 IS N0°22'15"W
547.168m FROM THE SE CORNER
OF SECTION 20. (FND ALUM MON)

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 0.99940236

NOTE:
ALL MDT R/W TAKE
ON RAILROAD PROPERTY
IS DESIGNED PARALLEL TO
RAILROAD CENTERLINE.

FOR EXISTING R/W RETRACEMENT, SEE
C.O.S. NO. 2331

- 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
FHWA/DOT APPROVAL 1/12/10	
MAP REVISED 3/15/10 4/26/10 5/24/10	
8/11/11	

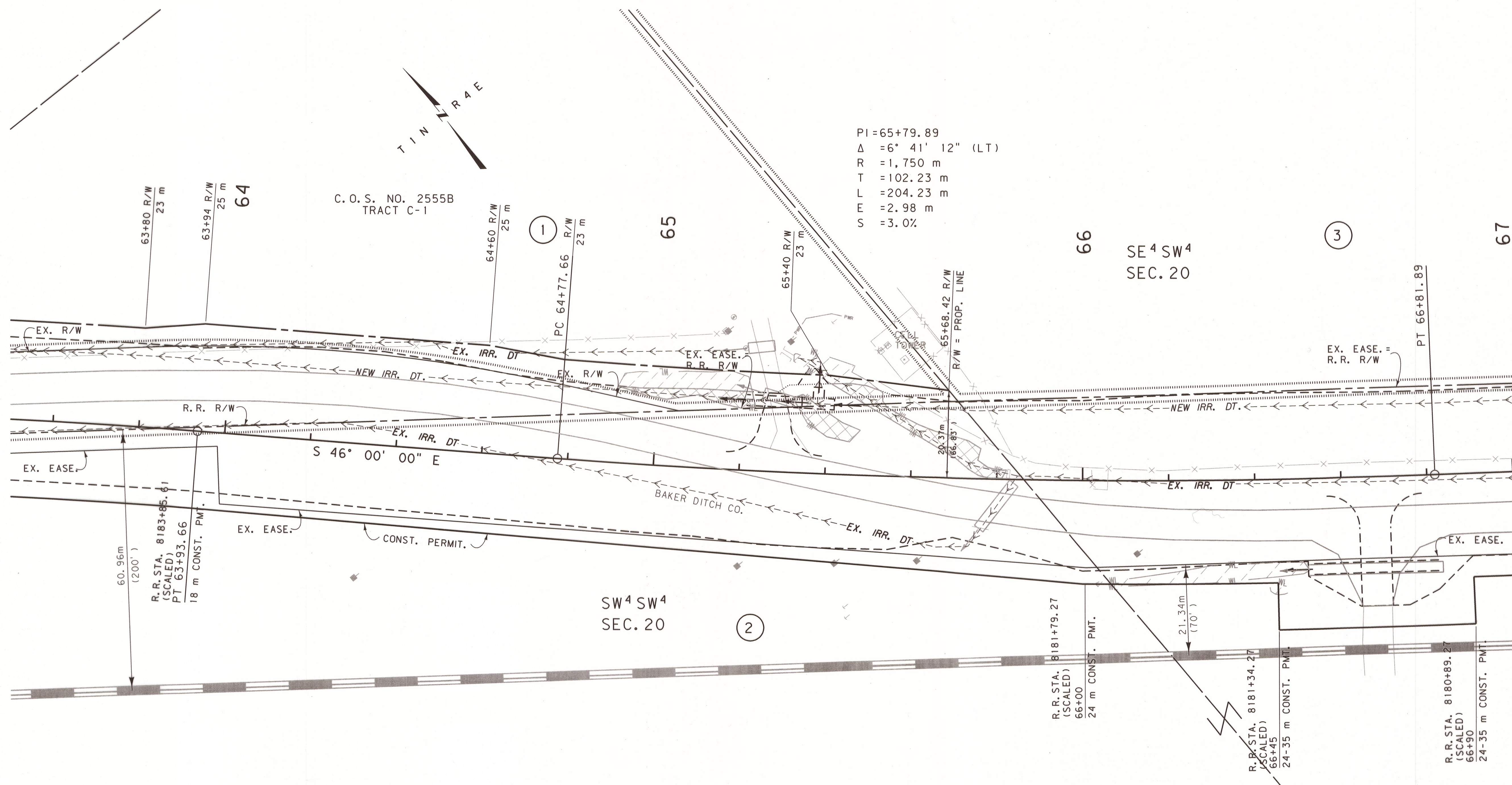
MONTANA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
GALLATIN COUNTY
SCALE 1:500



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

STATE	RIGHT OF WAY ID.	SHEET	TOTAL
		NO.	SHEETS
MONTANA	HSIP 205-1(38)15	4	8
PROJECT NUMBER		4437-038	
SAFETY IMPVMT-E OF MANHATTAN			



GRID STATE PLANE COORDINATES

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NOTE:
ALL MDT R/W TAKE ON RAILROAD PROPERTY IS DESIGNED PARALLEL TO RAILROAD CENTERLINE.

FOR EXISTING R/W RETRACEMENT, SEE C.O.S. NO. 2331

- 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.

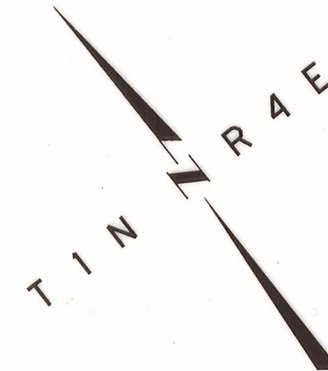
BACKSLOPE LIMITS INCLUDE ROUNDING	
CONSTRUCTION LIMITS:	
CUT SECTION	TOE OF CUT
TOE OF FILL	DITCH BOTTOM
FHWA/DOT APPROVAL 1/12/10	
MAP REVISED 3/15/10 4/26/10 5/24/10	
8/03/11 8/11/11 10/11/11	

MONTANA
DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY PLAN
GALLATIN COUNTY
SCALE 1:500

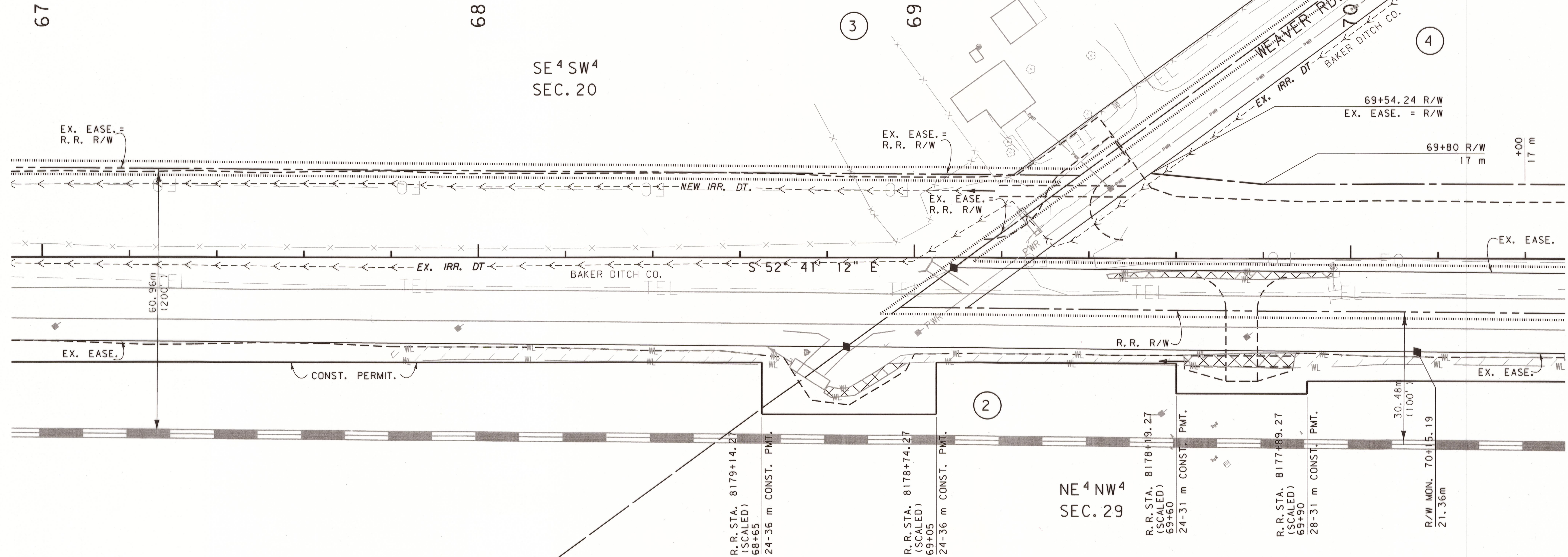


SEE SHEET NO. 2 FOR OWNERSHIP NAMES, ADDRESSES, AREAS, ETC.

P.O.T. 69+12.23 IS S88°55'31"E
673.711m FROM THE SW CORNER
OF SECTION 20. (FND ALUM MON)



STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	HSIP 205-1(38)15	5	8
PROJECT NUMBER		4437-038	
SAFETY IMPVMT-E OF MANHATTAN			



P.O.T. 69+12.23 IS N88°55'31"W
160.937m FROM THE S 1/4 CORNER
OF SECTION 20. (FND ALUM MON)

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 0.99940236

NOTE:
ALL MDT R/W TAKE
ON RAILROAD PROPERTY
IS DESIGNED PARALLEL TO
RAILROAD CENTERLINE.

FOR EXISTING R/W RETRACEMENT, SEE
C.O.S. NO. 2678 & 2331

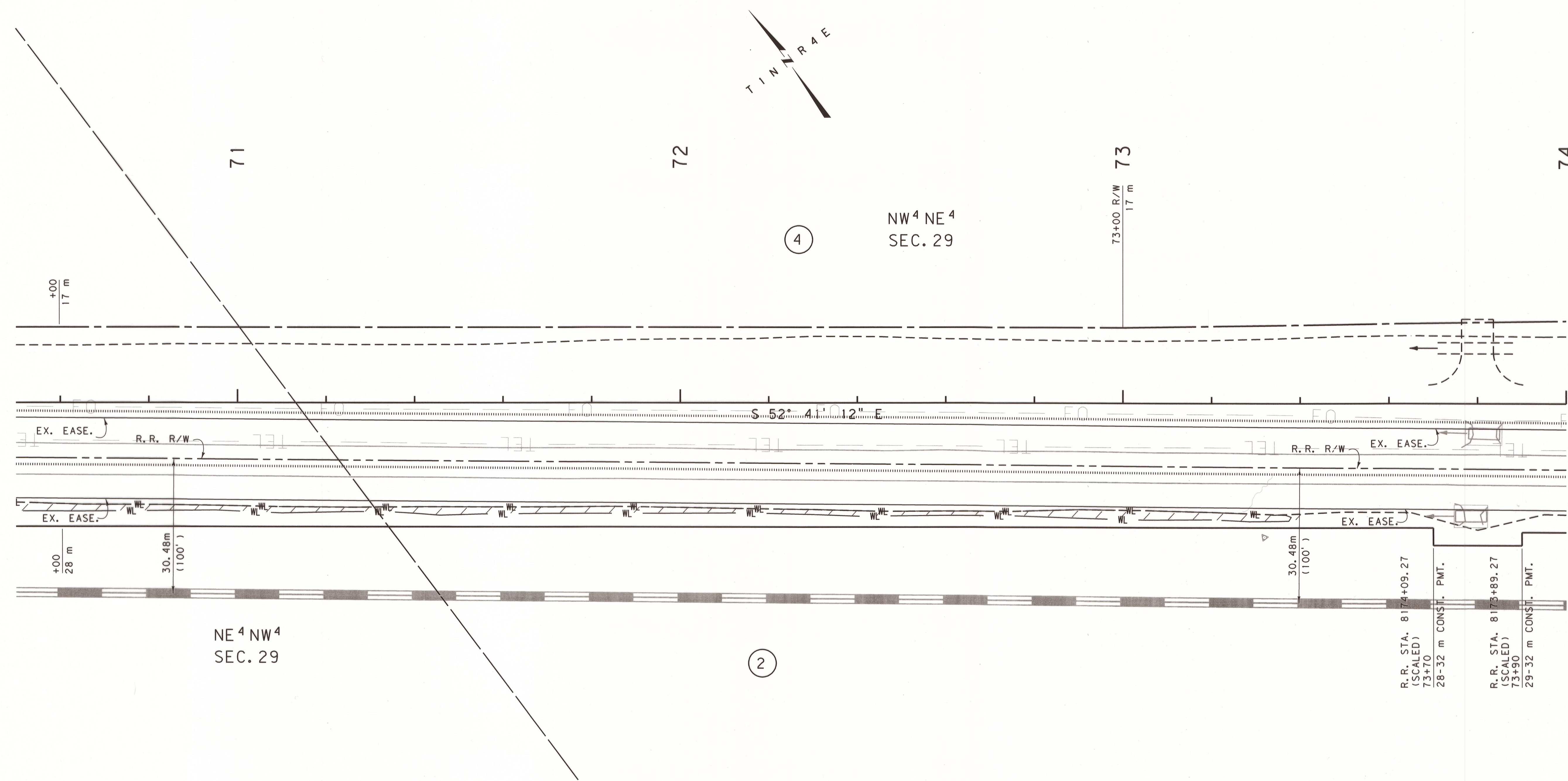
- NOTES: 1. ALL MEASUREMENTS ARE METRIC EXCEPT AS NOTED
2. THE PROPOSED R/W LINE WHERE A SPIRAL CURVE
TRANSITION IS USED IS A CHORD RATHER THAN A
CONCENTRIC CURVE.
3. THE ENGLISH AREAS ARE FOR INFORMATIONAL
PURPOSES ONLY.
4. ALL STATIONS AND OFFSETS FOR R/W BREAKS ARE
IN REFERENCE TO THE R/W BASELINE.

BACKSLOPE LIMITS INCLUDE ROUNDING	
CONSTRUCTION LIMITS:	
CUT SECTION	TOE OF CUT
TOE OF FILL	DITCH BOTTOM
FHWA/DOT APPROVAL 1/12/10	
MAP REVISED 3/15/10 8/03/11 8/11/11	
10/11/11	

MONTANA DEPARTMENT OF TRANSPORTATION	
RIGHT OF WAY PLAN GALLATIN COUNTY SCALE 1"=500'	
0 25M 50M	

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEET
MONTANA	HSIP 205-1(38)15	6	8
PROJECT NUMBER		4437-038	
SAFETY IMPVMT-E OF MANHATTAN			

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



RDROW

c:\dgn\4437\rop\n002.dgn
2/25/2015
8:29:12 AM
- 2 3 CPS - U0460

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 0.99940236

NOTE:
ALL MDT R/W TAKE
ON RAILROAD PROPERTY
IS DESIGNED PARALLEL TO
RAILROAD CENTERLINE.

FOR EXISTING R/W RETRACEMENT, SEE
C. O. S. NO. 2678

- 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 <u>1/12/10</u>	
MAP REVISED <u>4/12/10 8/03/11</u>	

MONTANA
DEPARTMENT OF TRANSPORTATION

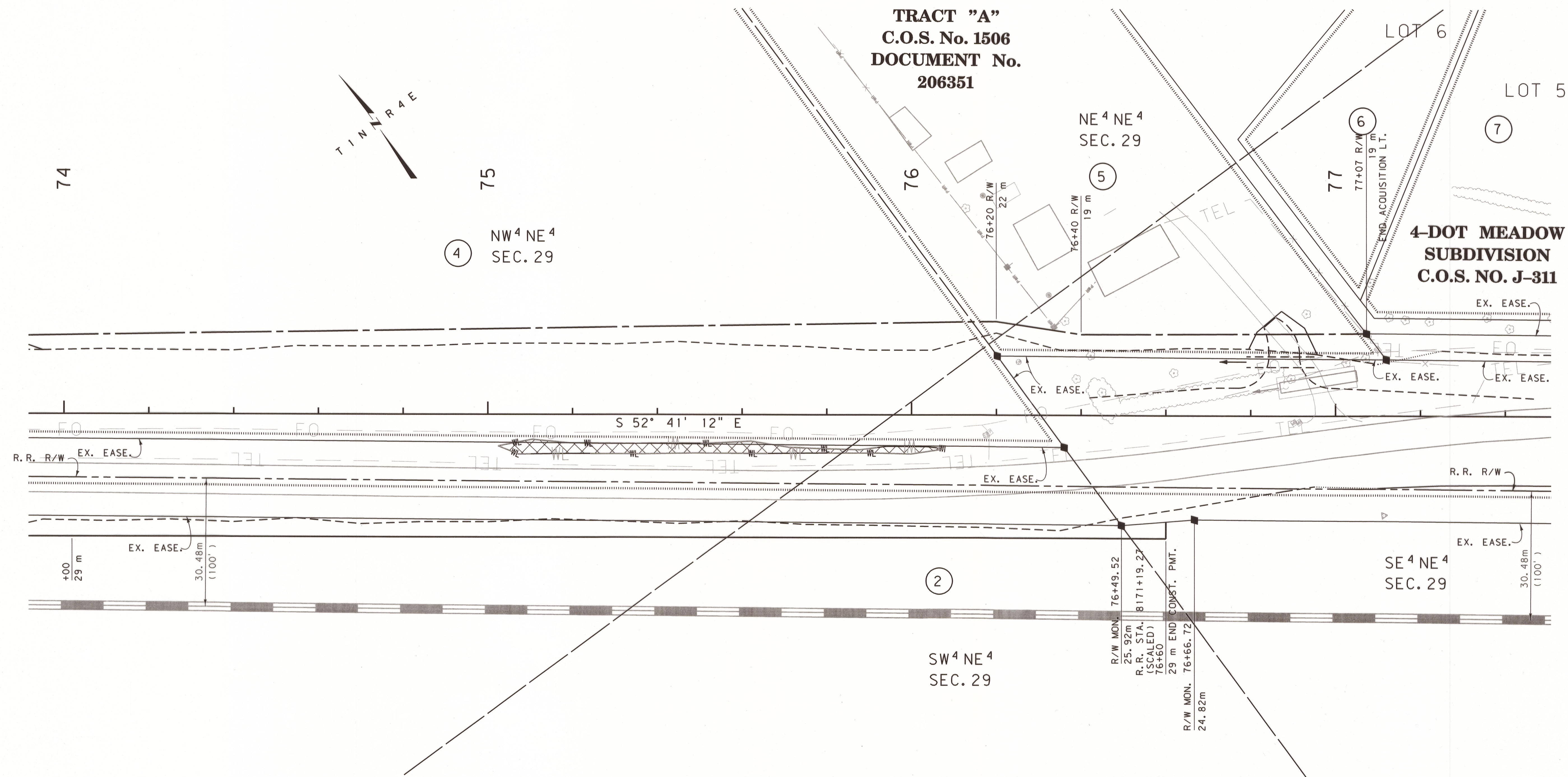
RIGHT OF WAY PLAN
GALLATIN COUNTY

SCALE 1:500

A horizontal graphic scale bar with alternating black and white segments. It is marked with '0' at the left end, '25M' in the middle, and '50M' at the right end.

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

STATE	RIGHT OF WAY ID.	SHEET	TOTAL
		NO.	SHEETS
MONTANA	HSIP 205-1(38)15	7	8
PROJECT NUMBER 4437-038			
SAFETY IMPVMT-E OF MANHATTAN			



GRID STATE PLANE COORDINATES

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NOTE:
ALL MDT R/W TAKE ON RAILROAD PROPERTY IS DESIGNED PARALLEL TO RAILROAD CENTERLINE.

FOR EXISTING R/W RETRACEMENT, SEE C.O.S. NO. 2678

- NOTES:
- ALL MEASUREMENTS ARE METRIC EXCEPT AS NOTED
 - THE PROPOSED R/W LINE WHERE A SPIRAL CURVE TRANSITION IS USED IS A CHORD RATHER THAN A CONCENTRIC CURVE.
 - THE ENGLISH AREAS ARE FOR INFORMATIONAL PURPOSES ONLY.
 - 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
	TOE OF FILL
FHWA/DOT APPROVAL	1/12/10
MAP REVISED	3/15/10

MONTANA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN

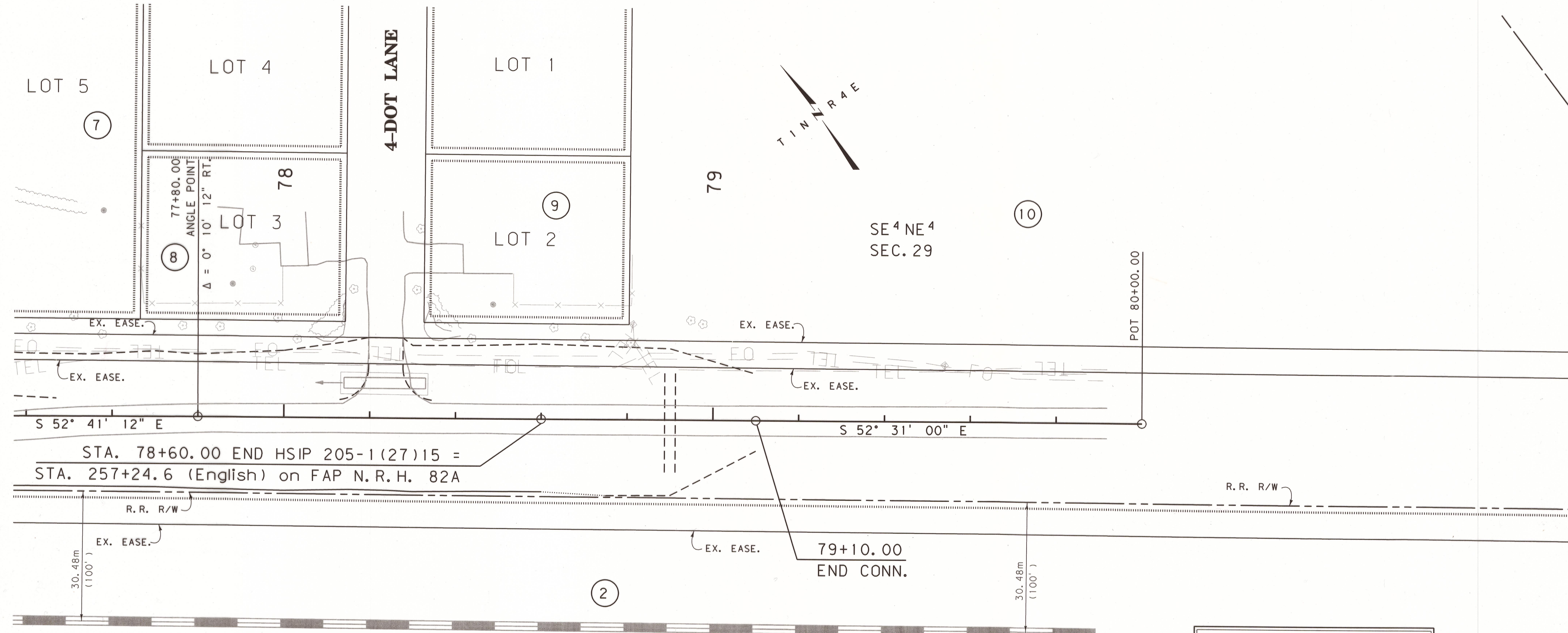
GALLATIN COUNTY

SCALE 1:500

0 25M 50M

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

4-DOT MEADOW
SUBDIVISION
C.O.S. NO. 7-311



STA. 78+60.00 END HSIP 205-1(27)15 =
STA. 257+24.6 (English) on FAP N.R.H. 82A

P.O.T. 78+60 IS S45°20'26"E
744.071m FROM THE S¼ CORNER
OF SECTION 20. (FND ALUM MON)

GRID STATE PLANE COORDINATES

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COMBINATION SCALE FACTOR IS 0.99940236

NOTE:
ALL MDT R/W TAKE
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RAILROAD CENTERLINE.

FOR EXISTING R/W RETRACEMENT, SEE
C.O.S. NO. 2678

- NOTES:
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BACKSLOPE LIMITS INCLUDE ROUNDING
CONSTRUCTION LIMITS:
CUT SECTION
TOE OF FILL
DITCH BOTTOM
FHWA/DOT APPROVAL 1/12/10
MAP REVISED 3/15/10

MONTANA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
GALLATIN COUNTY
SCALE 1:500

0 25M 50M

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	HSIP 205-1(38)15	8	8
PROJECT NUMBER		4437-038	
SAFETY IMPVMT-E OF MANHATTAN			