

THIS PROJECT

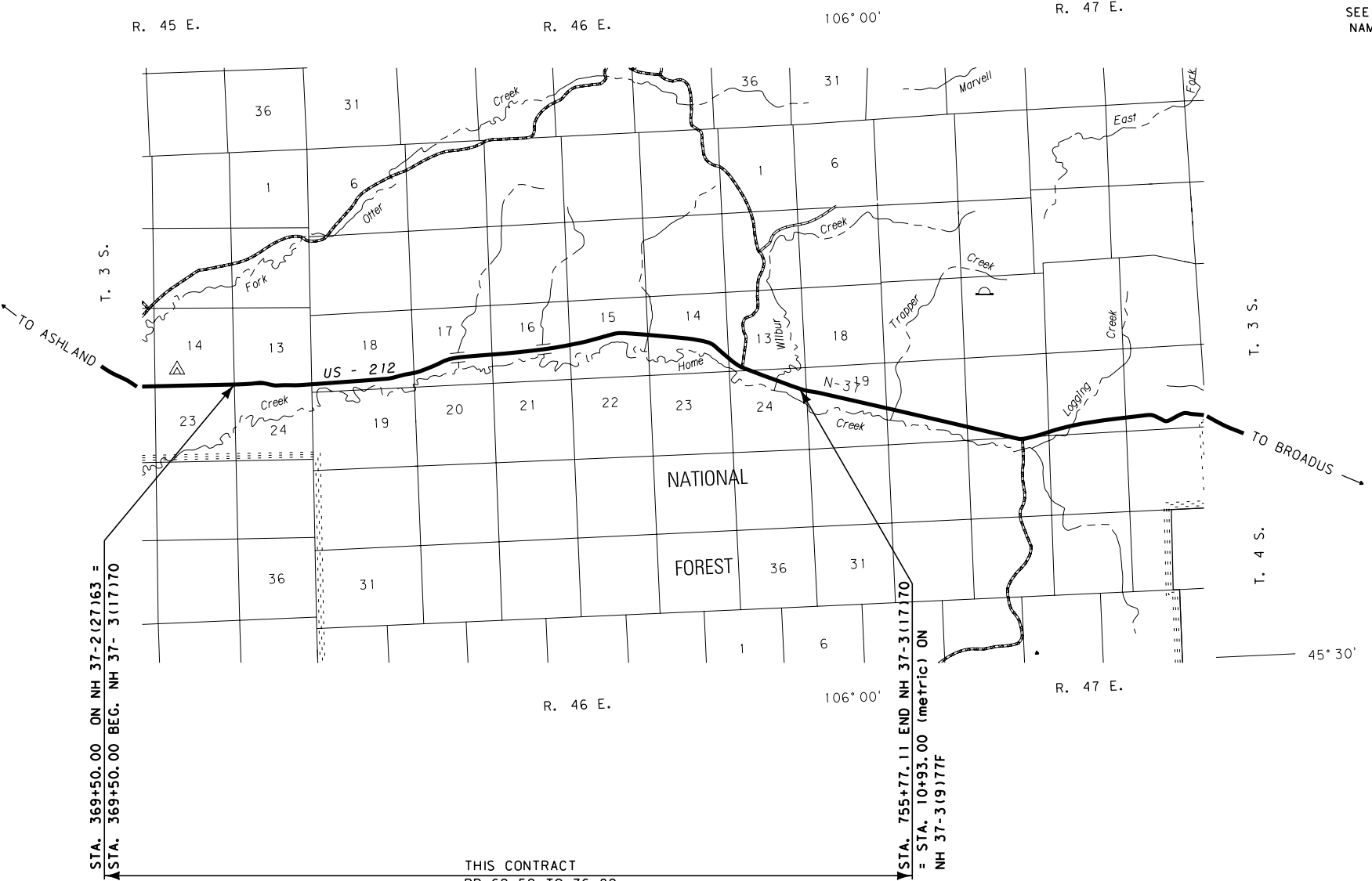
MONTANA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN FEDERAL AID PROJECT NH 37-3(21)70 EAST OF ASHLAND-EAST POWDER RIVER COUNTY

STATE	RIGHT OF WAY	SHEET	TOTAL
		NO.	SHEETS
MONTANA		1	16
R/W ID.		NH 37-3(21)70	
PROJECT NO.		4338-021-001	

EAST OF ASHLAND-EAST

LENGTH 7.3 MILES



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

PLAN LEGEND

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	AG AG
LIMITED ACCESS CONTROL	---
EXISTING FULL ACCESS CONTROL	EFAC EFAC
EXISTING LIMITED ACCESS CONTROL	ELAC ELAC
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	---
1/16 SECTION CORNER FOUND	FOUND
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	---

ASSOCIATED PROJECTS
NH 37-2(24)63 P.E.

RELATED PROJECTS
F 37-2(8)63
FHP 53-C AND FHP 53 B
F 37-3(2)70
NH 37-3(7)77 F
FHP 53-A2, B2, C2, D2, E1

FOR EXISTING R/W RETRACEMENT, SEE
CERTIFICATE OF SURVEY NUMBERS
133855, 135447, 127954 AND 127955

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 0.99955527

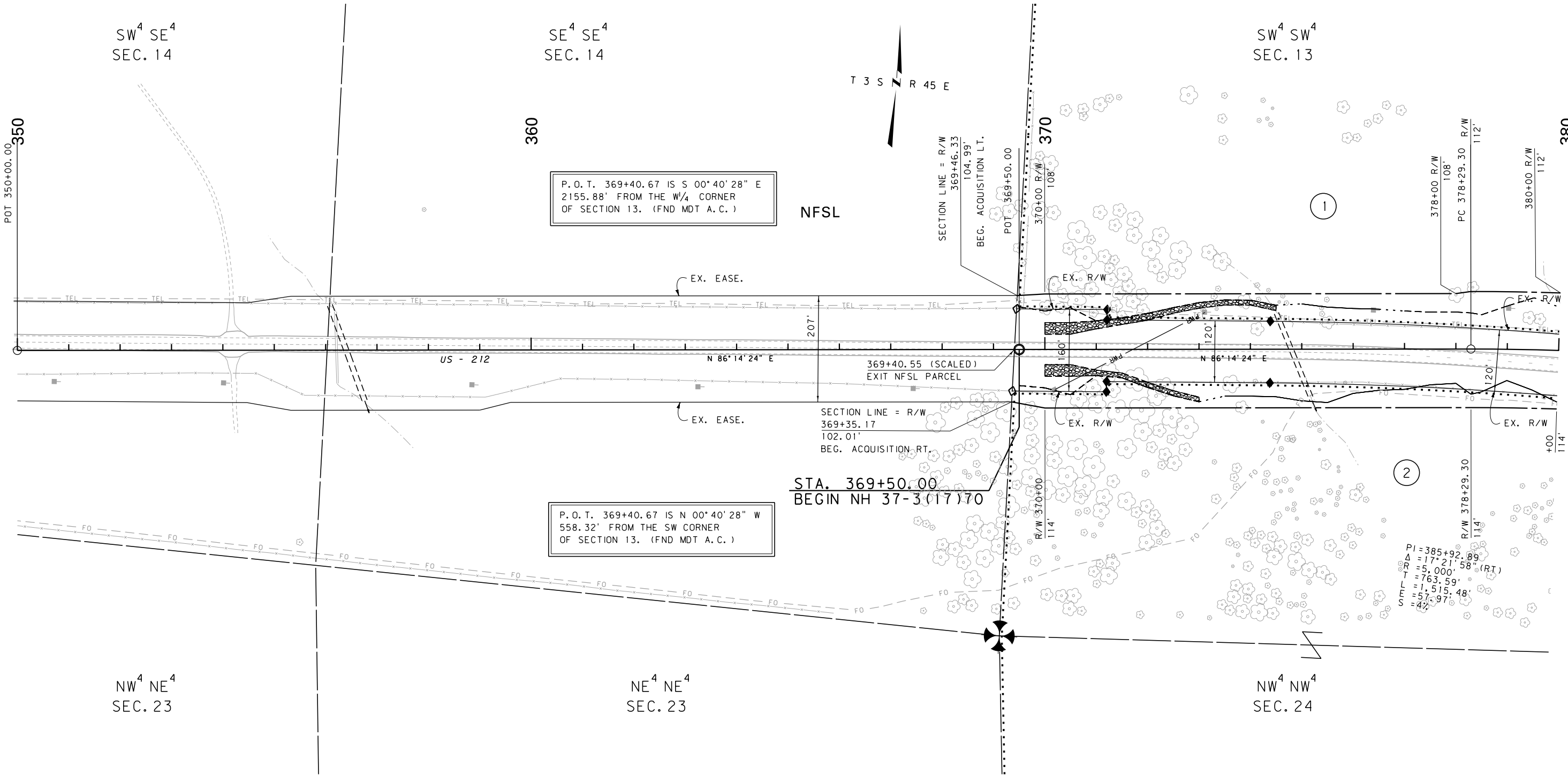
CONSTRUCTION LIMITS	MAP REVISED 6/25/14
CUT SECTION	---
TRANSITION	---
TOE OF FILL	---
BACKSLOPE LIMITS INCLUDE ROUNDING	FHWA/MDT APPROVAL 3/17/14

3	MDTA MONTANA DEPARTMENT OF TRANSPORTATION	c:\dgn\4338001\rot1001.dgn
2		7/20/2015
1		1:50:53 PM CPS - U3193

STATE	RIGHT OF WAY	SHEET	TOTAL
		NO.	SHEETS
MONTANA		3	16
R/W ID.		NH 37-3(21)70	
PROJECT NO.		4338-021-001	

EAST OF ASHLAND-EAST

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



STA. 369+50.00
BEGIN NH 37-3(21)70

PI=385+92.89
Δ=17°21'58" (RT)
R=5,000'
T=763.59'
L=1,515.48'
E=57.97'
S=42'

CONSTRUCTION LIMITS		MAP REVISED 6/25/14	
CUT SECTION	TOP OF CUT		
TRANSITION			
TOE OF FILL			
BACKSLOPE LIMITS INCLUDE ROUNDING		FHWA/MDT APPROVAL 3/17/14	
3	MDTA	MONTANA DEPARTMENT OF TRANSPORTATION	c:\dgn\4338001\rop\inf01.dgn
2			7/20/2015
1			1:51:28 PM CPS-U3193

- NOTES:
1. THE PROPOSED R/W LINE WHERE A SPIRAL CURVE TRANSITION IS USED IS A CHORD RATHER THAN A CONCENTRIC CURVE.
 2. ALL STATIONS AND OFFSETS FOR R/W BREAKS ARE IN REFERENCE TO THE R/W BASELINE.

GRID STATE PLANE COORDINATES

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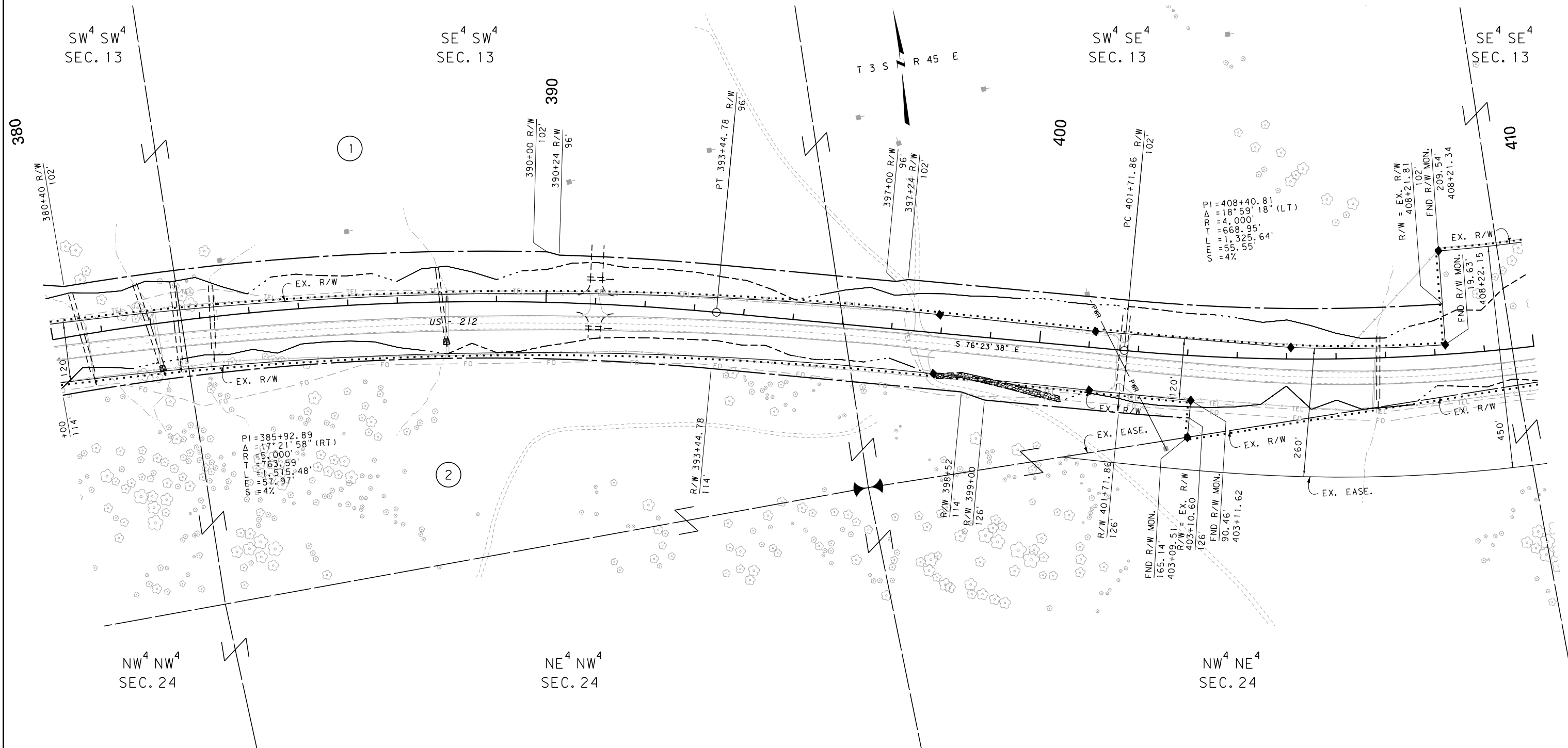
FOR EXISTING R/W RETRACEMENT, SEE CERTIFICATES OF SURVEY NUMBERS 127954 AND 133855

MONTANA DEPARTMENT OF TRANSPORTATION	
RIGHT OF WAY PLAN	
POWDER RIVER COUNTY	
SCALE 1"=100'	
0 50' 100' 200' 300'	

STATE	RIGHT OF WAY	SHEET	TOTAL
		NO.	SHEETS
MONTANA		4	16
R/W ID.		NH 37-3(21)70	
PROJECT NO.		4338-021-001	

EAST OF ASHLAND-EAST

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



CONSTRUCTION LIMITS		MAP REVISED 6/25/14 6/08/15	
CUT SECTION	TOP OF CUT		
TRANSITION			
TOE OF FILL			
BACKSLOPE LIMITS			
INCLUDE ROUNDING			
FHWA/MDT APPROVAL		3/17/14	
3	MDTA	MONTANA DEPARTMENT	c:\dgn\4338001\rop\rf01.dgn
2		OF TRANSPORTATION	7/20/2015
1			1:51:35 PM CPS-U3193

NOTES:
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MONTANA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN

POWDER RIVER COUNTY

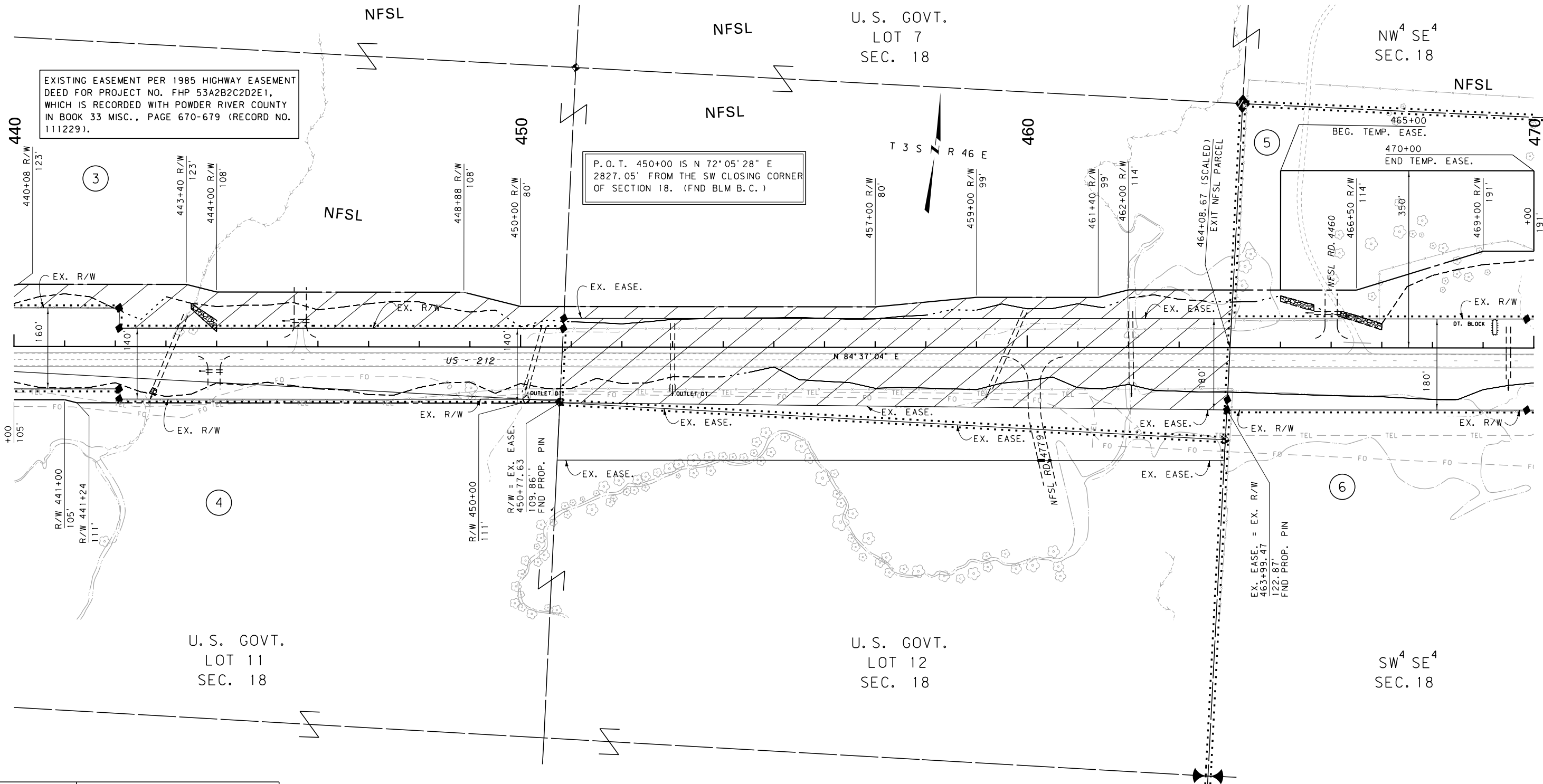
SCALE 1"=100'

0 50' 100' 200' 300'

STATE	RIGHT OF WAY	SHEET	TOTAL
		NO.	SHEETS
MONTANA		6	16
R/W ID.		NH 37-3(21)70	
PROJECT NO.		4338-021-001	

EAST OF ASHLAND-EAST

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



CONSTRUCTION LIMITS	MAP REVISED 6/25/14 1/05/15 7/20/15		
CUT SECTION			
TRANSITION			
TOE OF FILL			
BACKSLOPE LIMITS INCLUDE ROUNDING			
FHWA/MDT APPROVAL	3/17/14		
3	c:\dgn\4338001\rop\h02.dgn		
2	7/20/2015		
1	1:52:01 PM CPS-U3193		

- NOTES:
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MONTANA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN

POWDER RIVER COUNTY

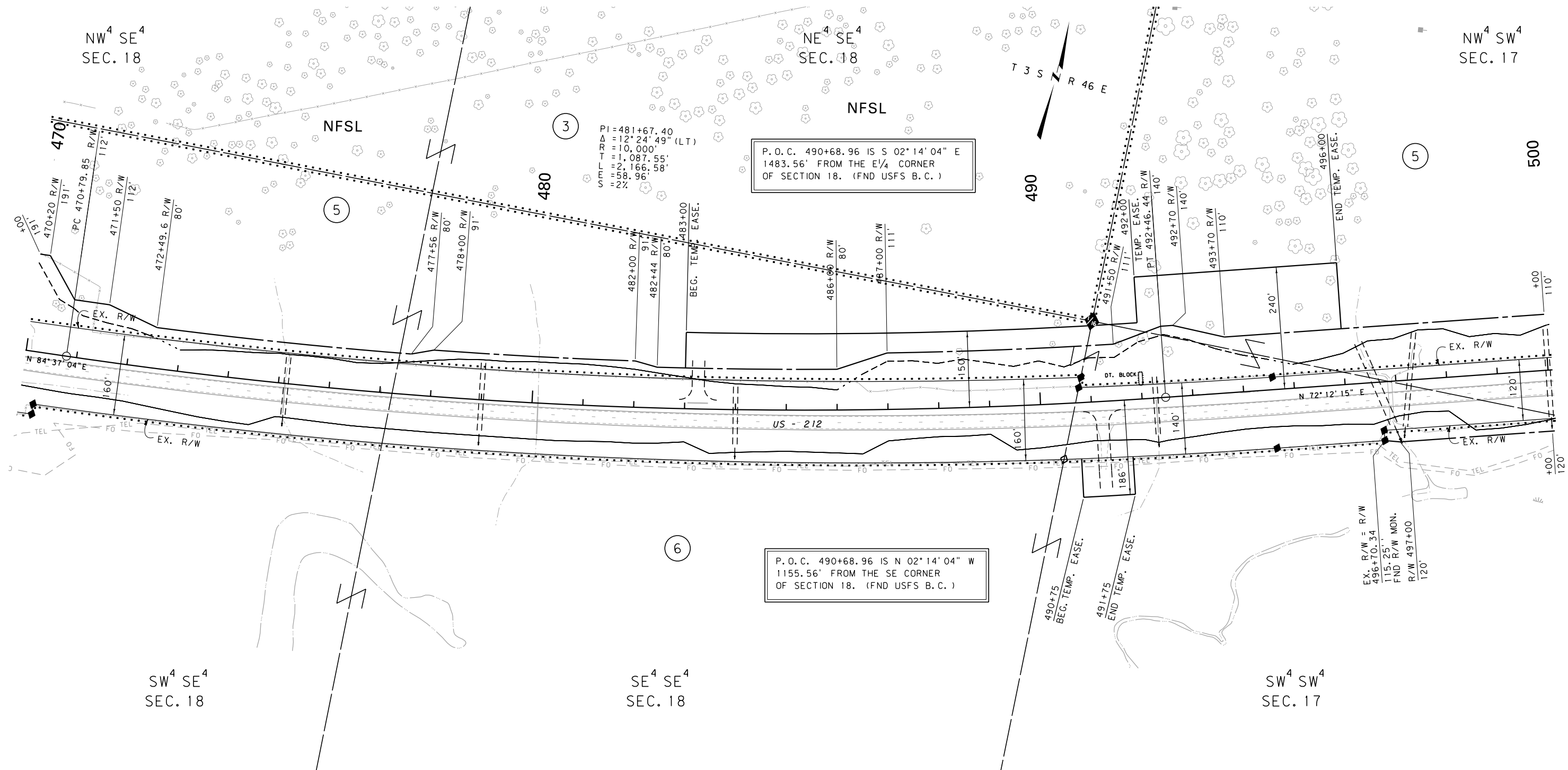
SCALE 1"=100'

0 50' 100' 200' 300'

STATE	RIGHT OF WAY	SHEET	TOTAL
		NO.	SHEETS
MONTANA		7	16
R/W ID.		NH 37-3(21)70	
PROJECT NO.		4338-021-001	

EAST OF ASHLAND-EAST

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



PI=481+67.40
Δ=12°24'49" (LT)
R=10,000'
T=1,087.55'
L=2,166.58'
E=58.96'
S=2%

P.O.C. 490+68.96 IS S 02°14'04" E
1483.56' FROM THE E¹/₄ CORNER
OF SECTION 18. (FND USFS B.C.)

P.O.C. 490+68.96 IS N 02°14'04" W
1155.56' FROM THE SE CORNER
OF SECTION 18. (FND USFS B.C.)

EX. R/W = R/W
496+70.34
115.25'
FND R/W MON.
R/W 497+00
120'

CONSTRUCTION LIMITS		MAP REVISED 6/25/14 1/05/15	
CUT SECTION	TOP OF CUT		
TRANSITION			
TOE OF FILL			
BACKSLOPE LIMITS			
INCLUDE ROUNDING			
FHWA/MDT APPROVAL		3/17/14	
3	MDTA	MONTANA DEPARTMENT	c:\dgn\4338001\rop\inf02.dgn
2		OF TRANSPORTATION	7/20/2015
1			1:52:08 PM CPS-U3193

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MONTANA DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY PLAN
POWDER RIVER COUNTY
SCALE 1"=100'
0 50' 100' 200' 300'

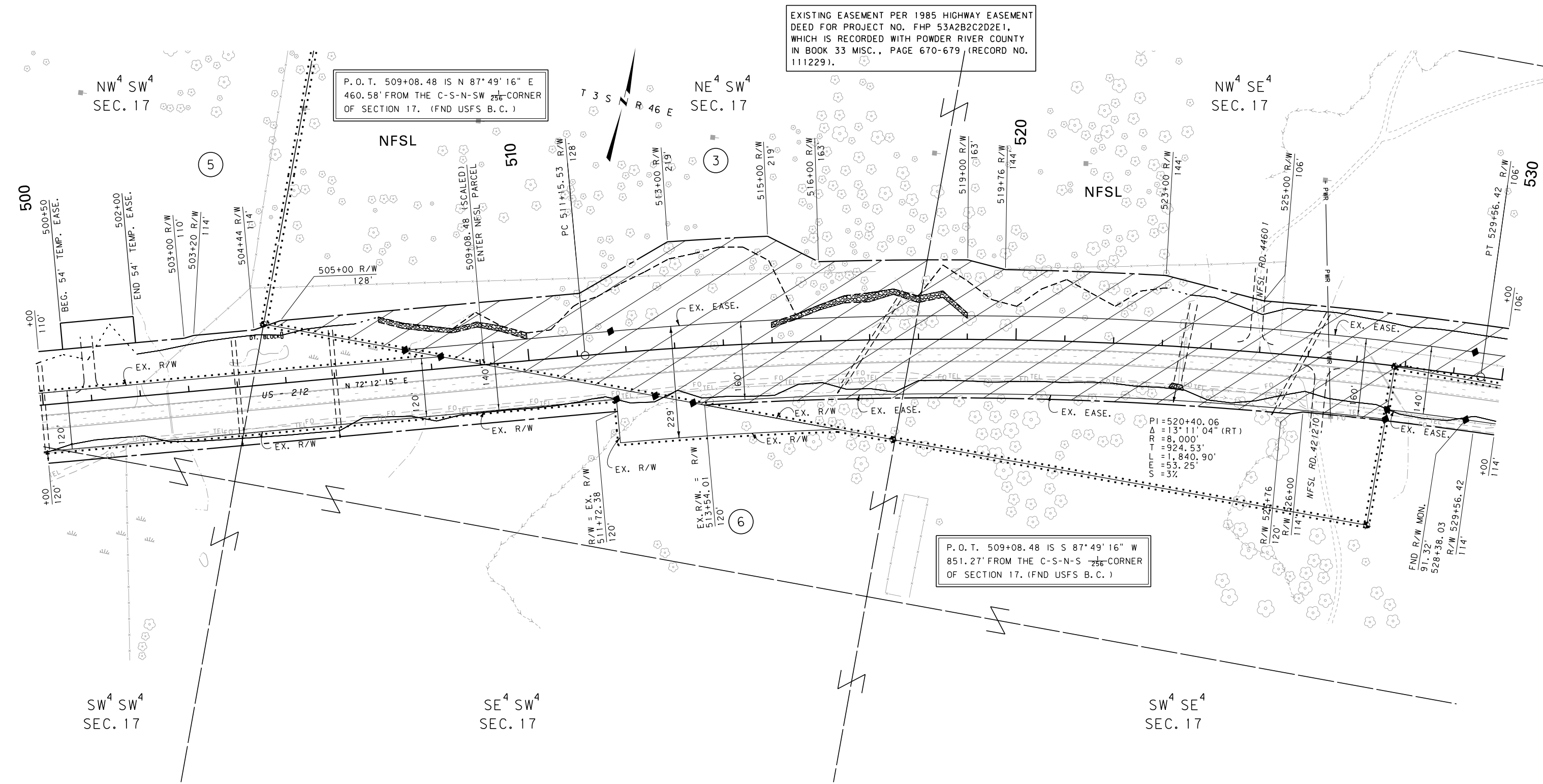
EAST OF ASHLAND-EAST

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

EXISTING EASEMENT PER 1985 HIGHWAY EASEMENT DEED FOR PROJECT NO. FHP 53A2B2C2D2E1, WHICH IS RECORDED WITH POWDER RIVER COUNTY IN BOOK 33 MISC., PAGE 670-679 (RECORD NO. 111229).

P.O.T. 509+08.48 IS N 87°49'16" E 460.58' FROM THE C-S-N-SW CORNER OF SECTION 17. (FND USFS B.C.)

P.O.T. 509+08.48 IS S 87°49'16" W 851.27' FROM THE C-S-N-S CORNER OF SECTION 17. (FND USFS B.C.)



CONSTRUCTION LIMITS	MAP REVISED 6/25/14 1/05/15 7/20/15
CUT SECTION	
TRANSITION	
TOE OF FILL	
BACKSLOPE LIMITS INCLUDE ROUNDING	
FHWA/MDT APPROVAL 3/17/14	
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MDT MONTANA DEPARTMENT OF TRANSPORTATION

NOTES:
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FOR EXISTING R/W RETRACEMENT, SEE CERTIFICATES OF SURVEY NUMBER 135447 AND 127954

MONTANA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN

POWDER RIVER COUNTY

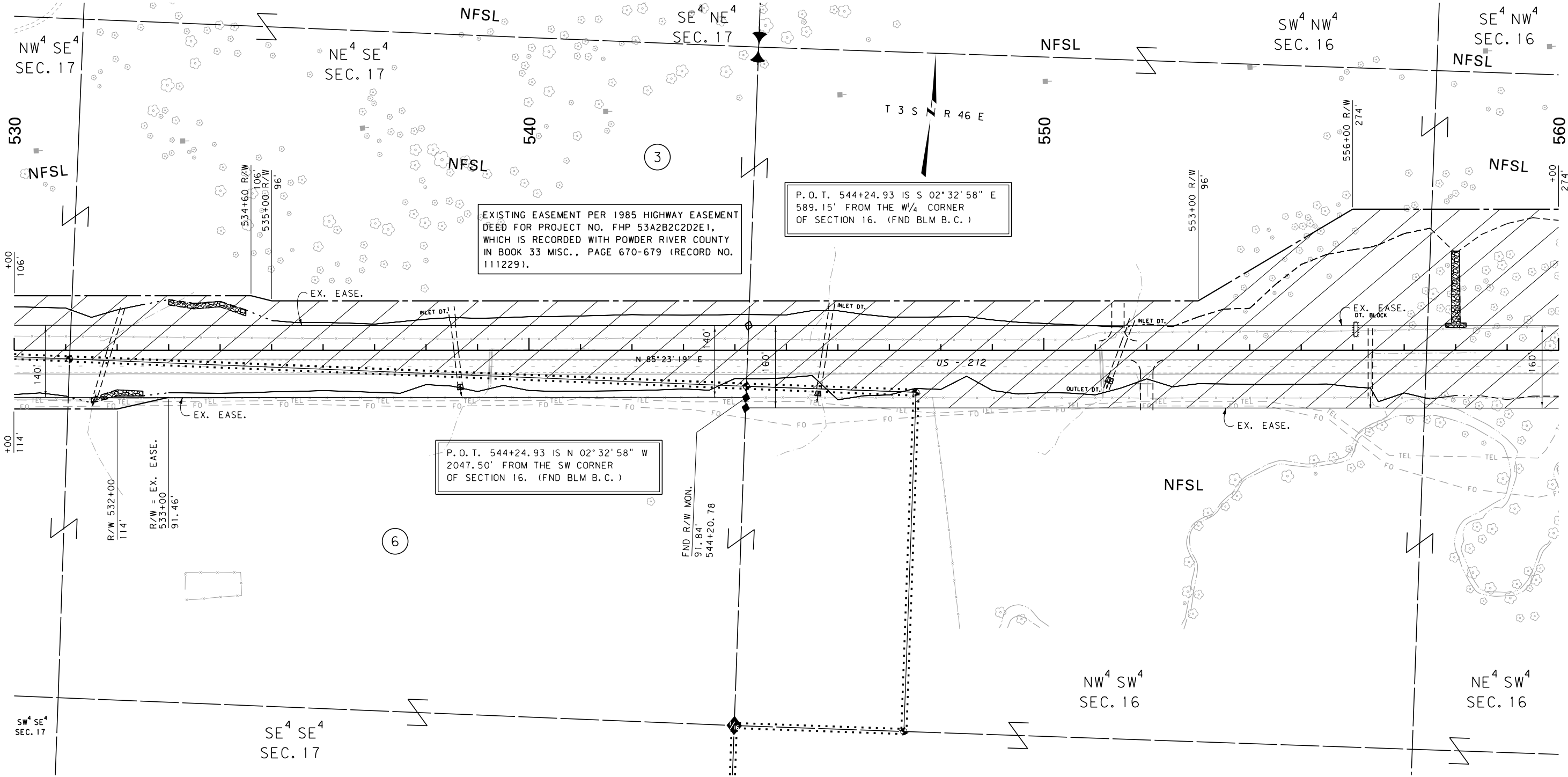
SCALE 1"=100'

0 50' 100' 200' 300'

STATE	RIGHT OF WAY	SHEET NO.	TOTAL SHEETS
MONTANA		9	16
R/W ID.		NH 37-3(21)70	
PROJECT NO.		4338-021-001	

EAST OF ASHLAND-EAST

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



CONSTRUCTION LIMITS

CUT SECTION

TRANSITION

TOE OF FILL

BACKSLOPE LIMITS

INCLUDE ROUNDING

MAP REVISED 6/25/14

FHWA/MDT APPROVAL 3/17/14

MDT MONTANA DEPARTMENT OF TRANSPORTATION

7/20/2015

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- NOTES:
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MONTANA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN

POWDER RIVER COUNTY

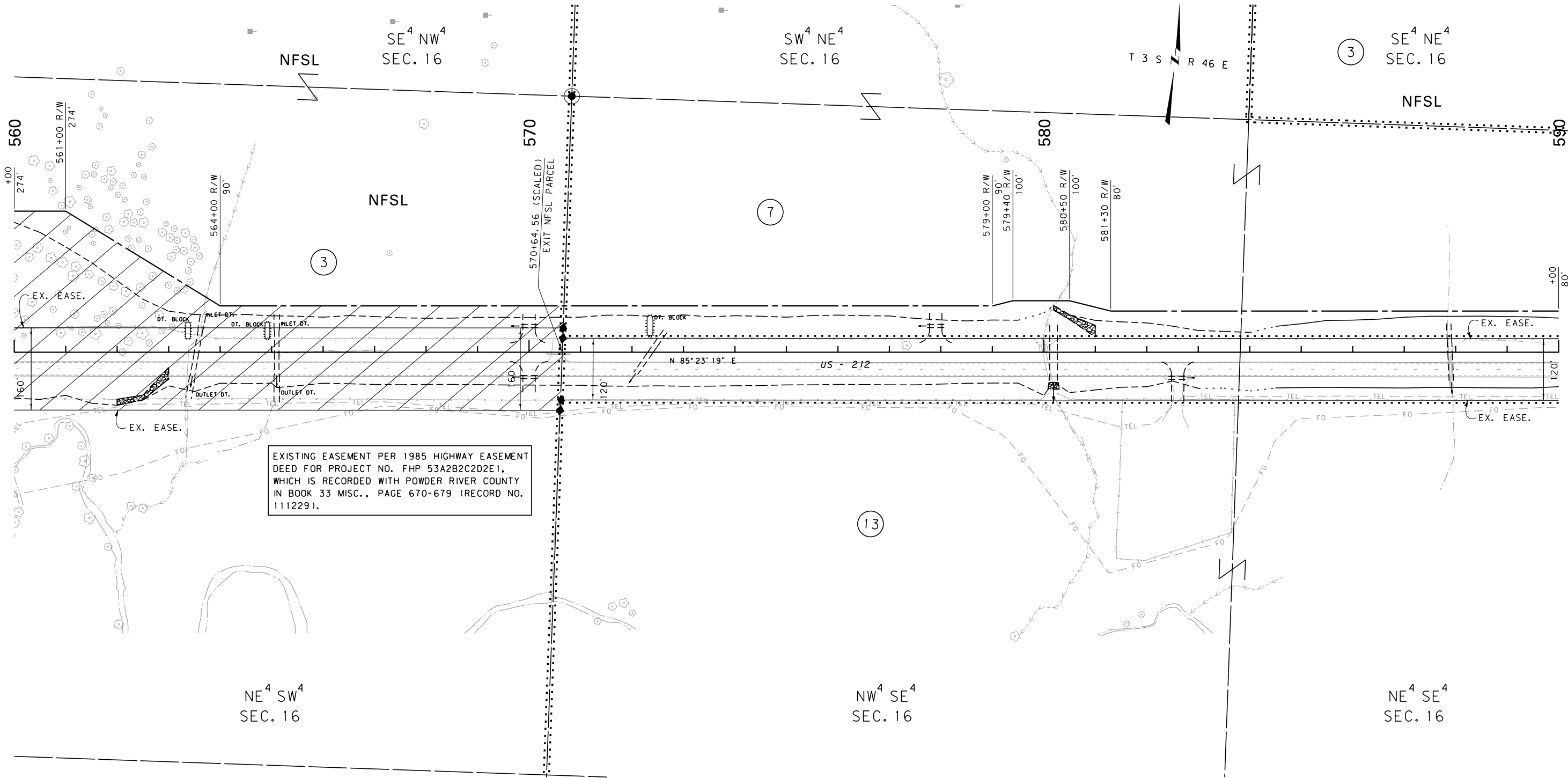
SCALE 1"=100'

0 50' 100' 200' 300'

STATE	RIGHT OF WAY	SHEET	TOTAL
MONTANA		NO.	SHEETS
		10	16
R/W ID.		NH 37-3(21)70	
PROJECT NO.		4338-021-001	

EAST OF ASHLAND-EAST

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



EXISTING EASEMENT PER 1985 HIGHWAY EASEMENT DEED FOR PROJECT NO. FHP 53A2B2C2D2E1, WHICH IS RECORDED WITH POWDER RIVER COUNTY IN BOOK 33 MISC., PAGE 670-679 (RECORD NO. 111229).

CONSTRUCTION LIMITS		MAP REVISED 6/25/14	
CUT SECTION	TOP OF CUT		
TRANSITION			
TOE OF FILL			
BACKSLOPE LIMITS INCLUDE ROUNDING		FHWA/MDT APPROVAL 3/17/14	
3	MDT	MONTANA DEPARTMENT OF TRANSPORTATION	c:\dgn\4338001\rop\h03.dgn
2			7/20/2015
1			1:52:44 PM CPS - U3193

- NOTES:
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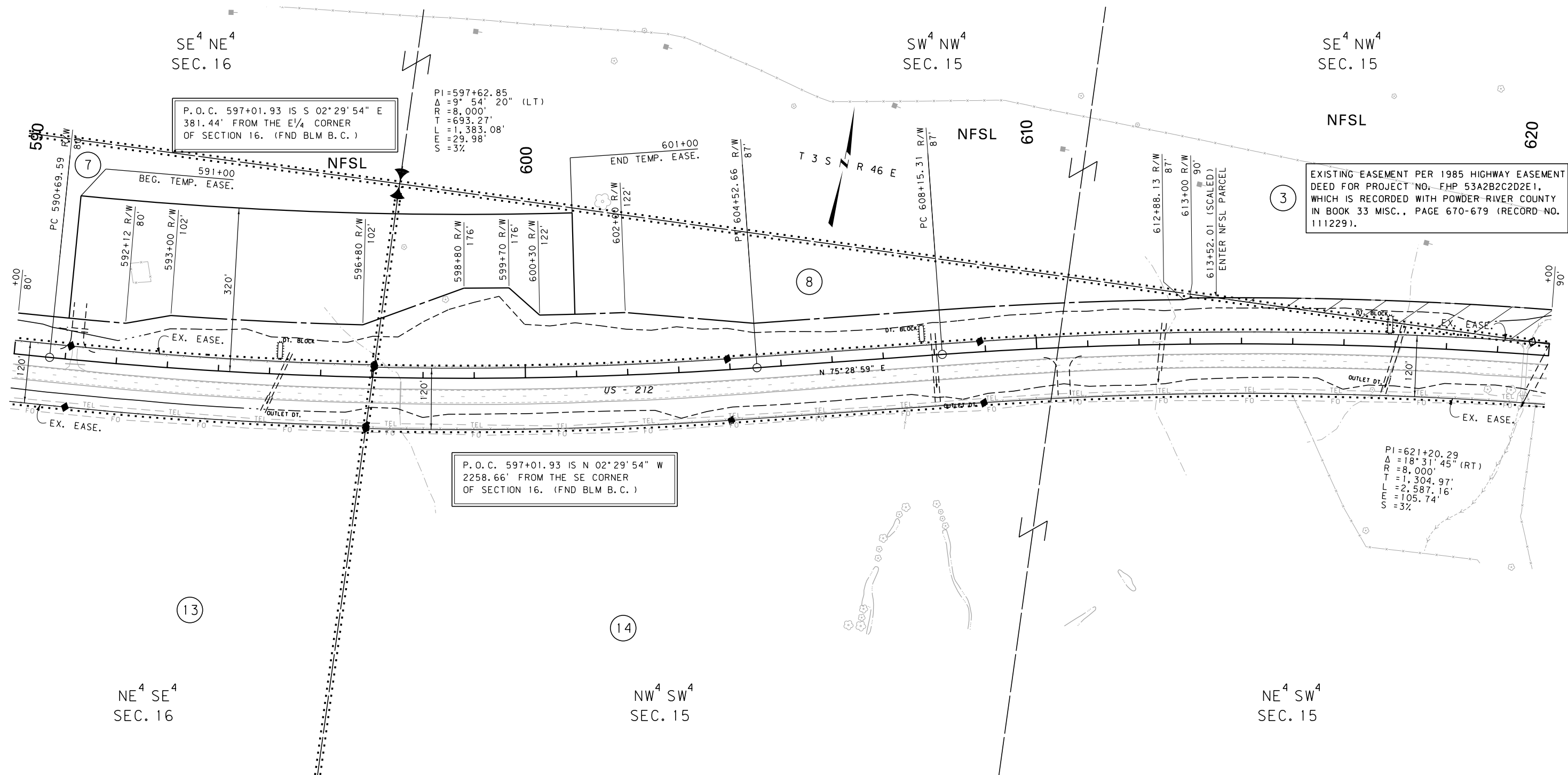
FOR EXISTING R/W RETRACEMENT, SEE CERTIFICATES OF SURVEY NUMBER 135447 AND 127954

MONTANA DEPARTMENT OF TRANSPORTATION	
RIGHT OF WAY PLAN	
POWDER RIVER COUNTY	
SCALE 1"=100'	
0 50' 100' 200' 300'	

STATE	RIGHT OF WAY	SHEET	TOTAL
		NO.	SHEETS
MONTANA		11	16
R/W ID.		NH 37-3(21)70	
PROJECT NO.		4338-021-001	

EAST OF ASHLAND-EAST

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



CONSTRUCTION LIMITS		MAP REVISED 6/25/14 1/05/15	
CUT SECTION	TOP OF CUT		
TRANSITION			
TOE OF FILL			
BACKSLOPE LIMITS INCLUDE ROUNDING		FHWA/MDT APPROVAL 3/17/14	
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		7/20/2015	
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		CPS - U3193	

- NOTES:
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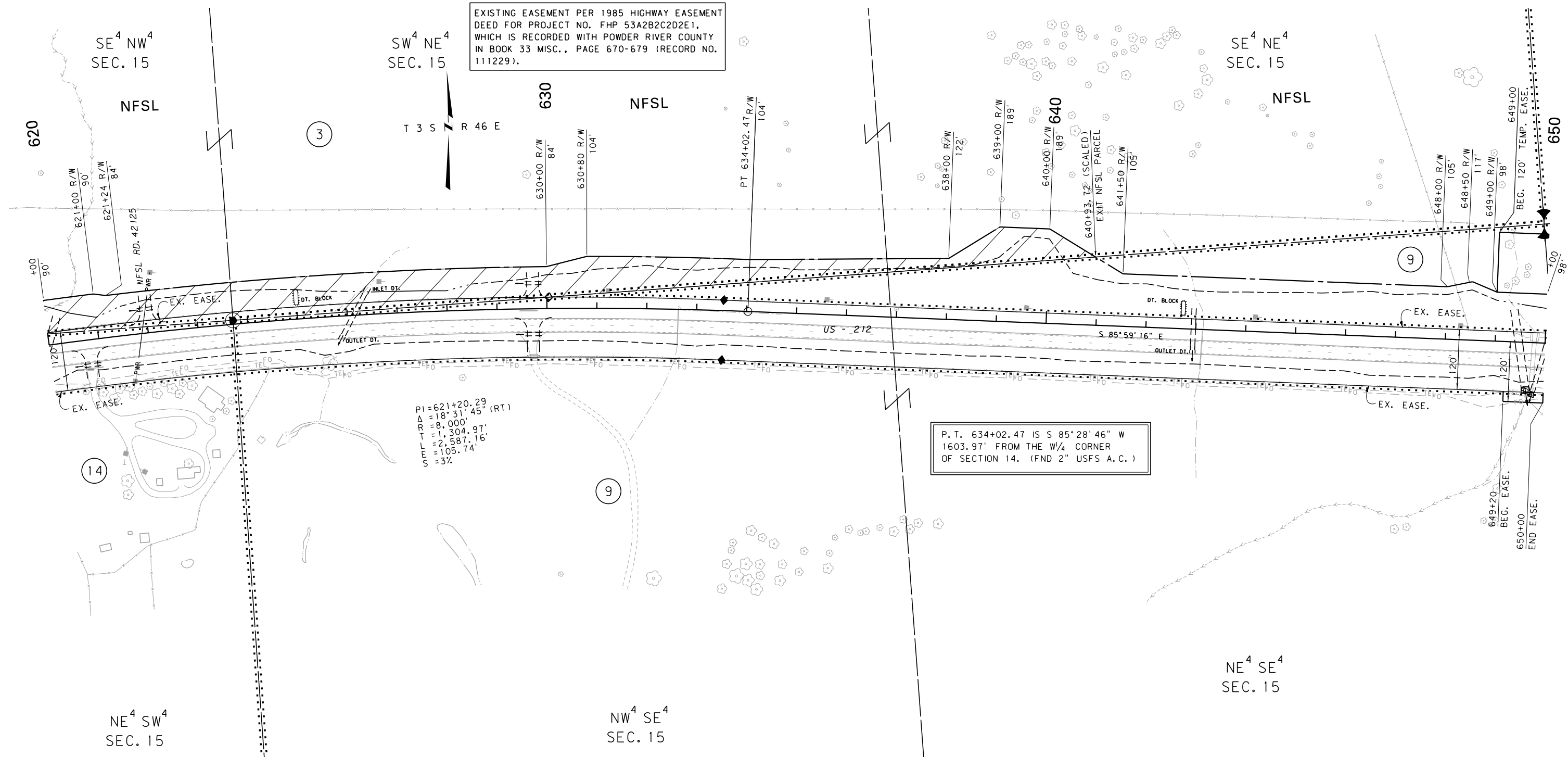
FOR EXISTING R/W RETRACEMENT, SEE CERTIFICATES OF SURVEY NUMBER 135447 AND 127954

MONTANA DEPARTMENT OF TRANSPORTATION	
RIGHT OF WAY PLAN	
POWDER RIVER COUNTY	
SCALE 1"=100'	
0 50' 100' 200' 300'	

STATE	RIGHT OF WAY	SHEET	TOTAL
		NO.	SHEETS
MONTANA		12	16
R/W ID.		NH 37-3(21)70	
PROJECT NO.		4338-021-001	

EAST OF ASHLAND-EAST

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



CONSTRUCTION LIMITS		MAP REVISED 6/25/14 1/05/15 7/20/15	
CUT SECTION	TOP OF CUT		
TRANSITION			
TOE OF FILL			
BACKSLOPE LIMITS INCLUDE ROUNDING		FHWA/MDT APPROVAL 3/17/14	
3	MDTA	MONTANA DEPARTMENT OF TRANSPORTATION	c:\dgn\4338001\rop\h04.dgn
2			7/20/2015
1			1:53:11 PM CPS-U3193

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MONTANA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN

POWDER RIVER COUNTY

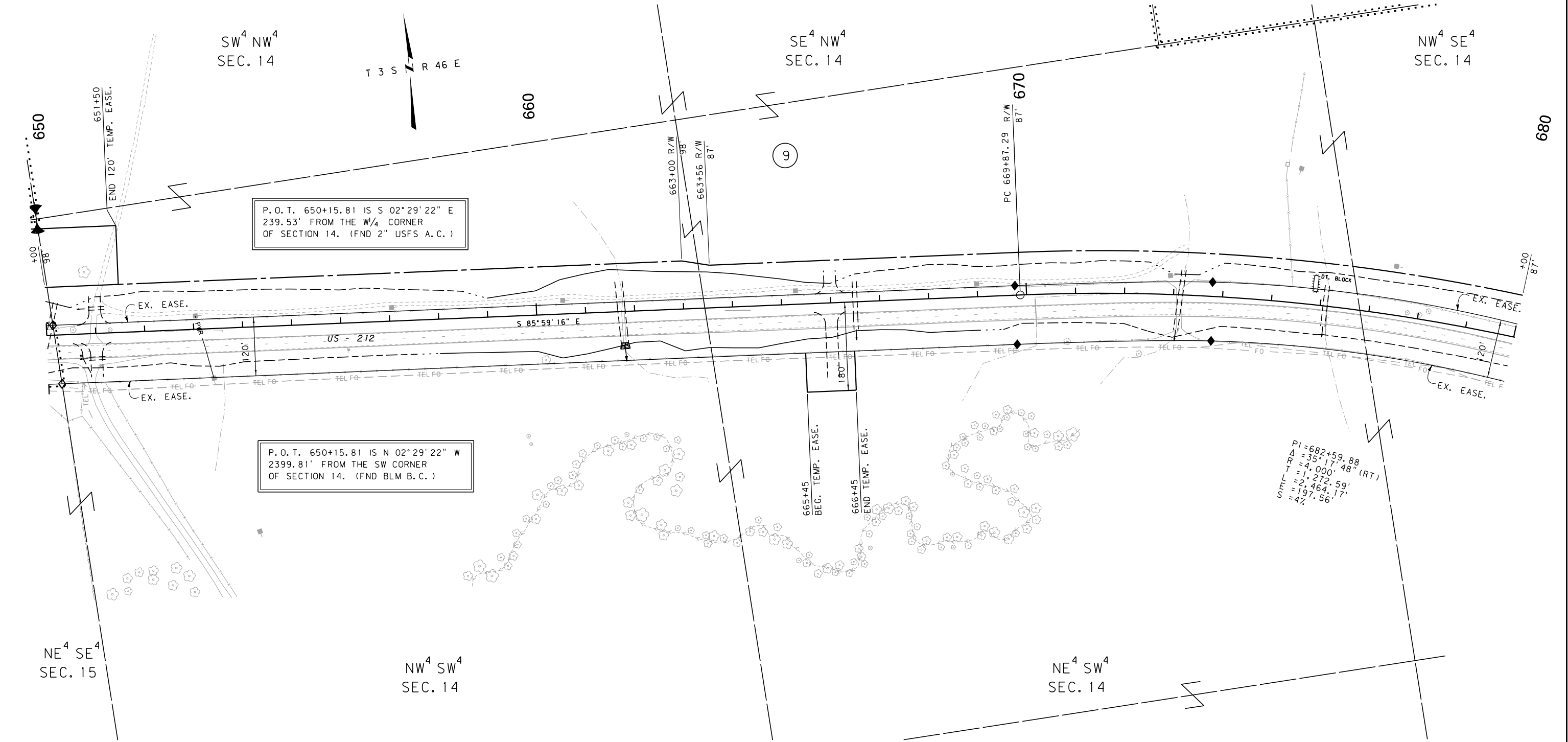
SCALE 1"=100'

0 50' 100' 200' 300'

STATE	RIGHT OF WAY	SHEET	TOTAL
MONTANA		NO.	SHEETS
		13	16
R/W ID.	NH 37-3(21)70		
PROJECT NO.	4338-021-001		

EAST OF ASHLAND-EAST

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



PI=682+59.88
Δ=35°17'48" (RT)
R=4,000'
T=1,272.59'
L=2,464.17'
S=4%

CONSTRUCTION LIMITS		MAP REVISED 6/25/14 1/05/15	
CUT SECTION	TOP OF CUT		
TRANSITION			
TOE OF FILL			
BACKSLOPE LIMITS			
INCLUDE ROUNDING			
FHWA/MDT APPROVAL		3/17/14	
3	MDTA	MONTANA DEPARTMENT	c:\dgn\4338001\rop\inf04.dgn
2		OF TRANSPORTATION	7/20/2015
1			1:53:18 PM CPS - U3193

- NOTES:
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MONTANA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN

POWDER RIVER COUNTY

SCALE 1"=100'

0 50' 100' 200' 300'

STATE	RIGHT OF WAY	SHEET NO.	TOTAL SHEETS
MONTANA		15	16
R/W ID.	NH 37-3(21)70		
PROJECT NO.	4338-021-001		

EAST OF ASHLAND-EAST

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

EXISTING EASEMENT PER 1985 HIGHWAY EASEMENT DEED FOR PROJECT NO. FHP 53A2B2C2D2E1, WHICH IS RECORDED WITH POWDER RIVER COUNTY IN BOOK 33 MISC., PAGE 670-679 (RECORD NO. 111229).

SW⁴ SW⁴
SEC. 13

SE⁴ SW⁴
SEC. 13

NW⁴ NE⁴
SEC. 24

PI=707+58.52
Δ=23°15'52" (LT)
R=4,000'
T=823.43'
L=1,624.16'
S=83.87'
S=4%

P.O.T. 717+48.62 IS S 87°27'21" W
1812.51' FROM THE N¹/₄ CORNER
OF SECTION 24. (FND BLM B.C.)

P.O.T. 717+48.62 IS N 87°27'21" W
825.82' FROM THE SE CORNER
OF SECTION 14. (FND USFS B.C.)

PI=732+79.44
Δ=5°12'00" (RT)
R=8,000'
T=363.28'
L=726.06'
S=8.24'
S=3%

CONSTRUCTION LIMITS	MAP REVISED 6/25/14 7/20/15
CUT SECTION	
TRANSITION	
TOE OF FILL	
BACKSLOPE LIMITS INCLUDE ROUNDING	
	FHWA/MDT APPROVAL 3/17/14
3	MDTA MONTANA DEPARTMENT OF TRANSPORTATION
2	7/20/2015
1	1:53:46 PM CPS-U3193

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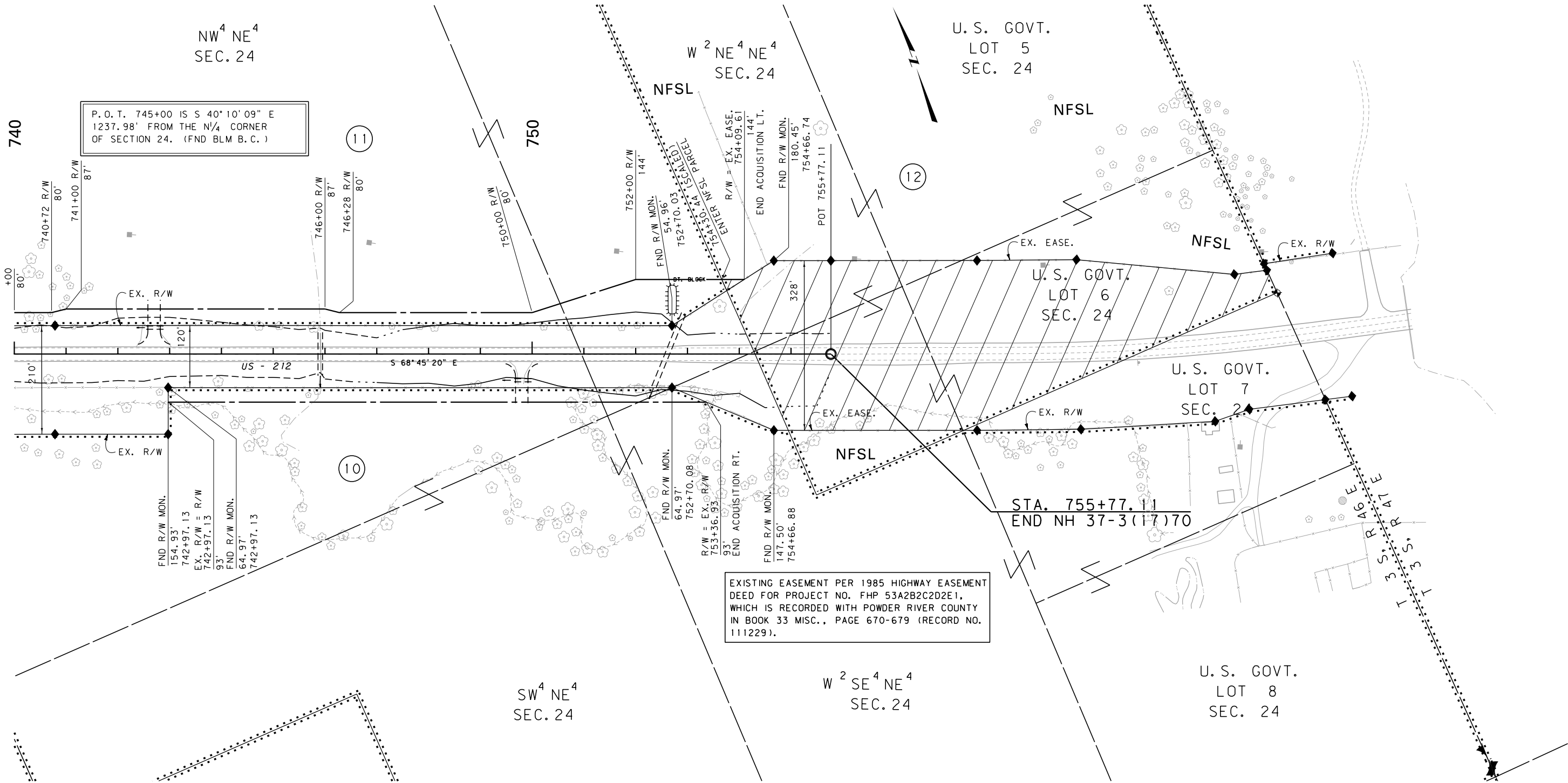
FOR EXISTING R/W
RETRACEMENT, SEE
CERTIFICATES OF SURVEY
NUMBER 135447,
127954 AND 127955

MONTANA DEPARTMENT OF TRANSPORTATION	
RIGHT OF WAY PLAN	
POWDER RIVER COUNTY	
SCALE 1"=100'	
0 50' 100' 200' 300'	

STATE	RIGHT OF WAY	SHEET	TOTAL
		NO.	SHEETS
MONTANA		16	16
R/W ID.		NH 37-3(21)70	
PROJECT NO.		4338-021-001	

EAST OF ASHLAND-EAST

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



CONSTRUCTION LIMITS

CUT SECTION

TRANSITION

TOE OF FILL

BACKSLOPE LIMITS

INCLUDE ROUNDING

MAP REVISED 6/25/14

FHWA/MDT APPROVAL

3/17/14

3

2

1

MDTA

MONTANA DEPARTMENT OF TRANSPORTATION

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- NOTES:
1. THE PROPOSED R/W LINE WHERE A SPIRAL CURVE TRANSITION IS USED IS A CHORD RATHER THAN A CONCENTRIC CURVE.
 2. ALL STATIONS AND OFFSETS FOR R/W BREAKS ARE IN REFERENCE TO THE R/W BASELINE.

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.

FOR EXISTING R/W RETRACEMENT, SEE CERTIFICATE OF SURVEY NUMBER 127954 and 127955

MONTANA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN

POWDER RIVER COUNTY

SCALE 1"=100'

0 50' 100' 200' 300'