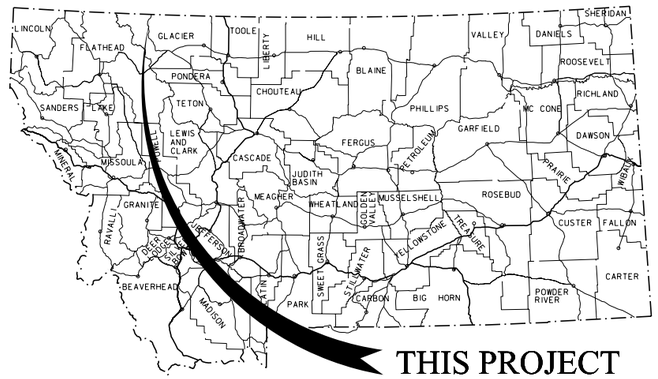
MONTANA DEPARTMENT OF TRANSPORTATION

STATE	RIGHT OF WAY	SHEET NO.	TOTAL SHEETS
MONTANA		1	9
R/W ID.		MT 18(41)	
PROJECT NO.		6454-041-000	

ST MARY'S RD-SPIDER LAKE RD



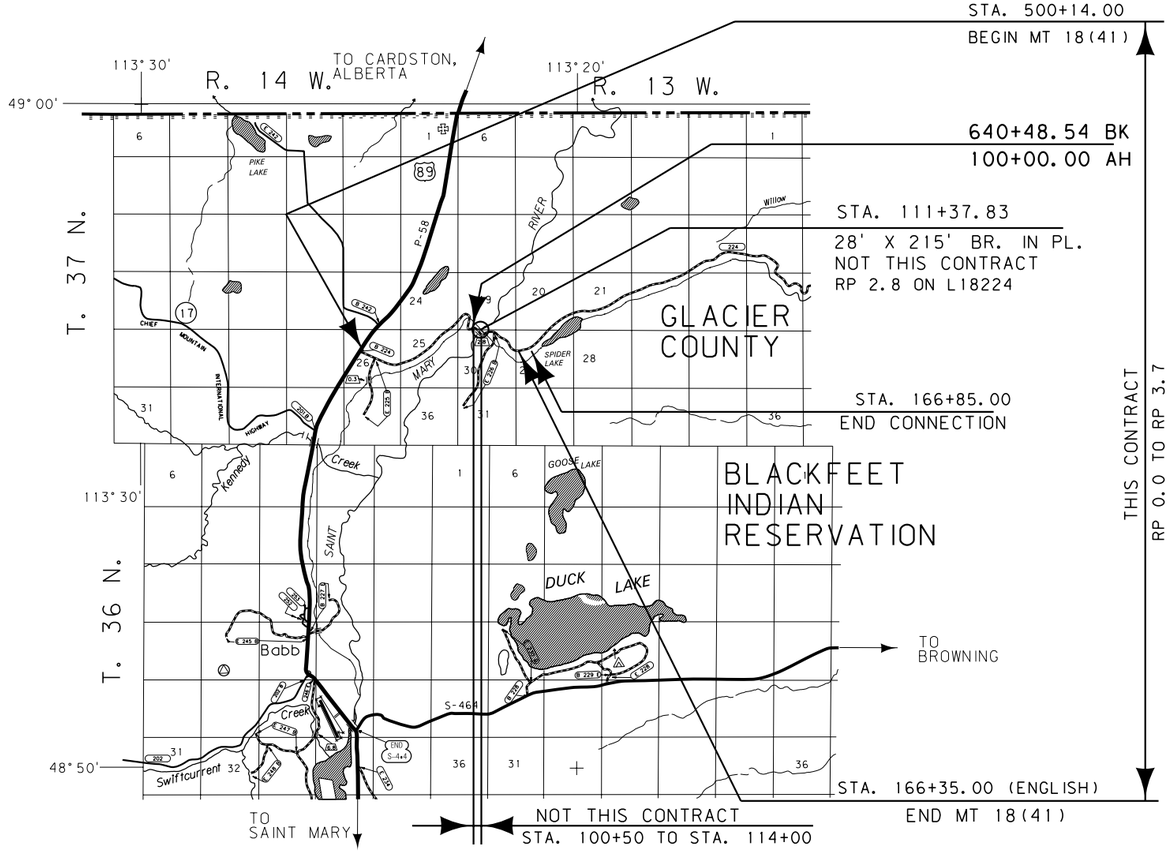
MONTANA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
FEDERAL AID PROJECT MT 18(41)
ST MARY'S RD–SPIDER LAKE RD

GLACIER COUNTY

LENGTH 3.7 MILES

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



FOR EXISTING R/W RETRACEMENT, SEE CERTIFICATE OF SURVEY NO. 510

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 0.99976006

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 (AC)
- LIMITED ACCESS CONTROL
- EXISTING FULL ACCESS CONTROL (EFAC)
- EXISTING LIMITED ACCESS CONTROL (ELAC)
- PRESENT TRAVELED WAY (P.T.W.)
- FENCE LINE
- EXISTING GUARDRAIL
- PROPOSED GUARDRAIL
- GATE IN FENCE
- CATTLE GUARD: EXIST. - PROPOSED
- SECTION CORNER (FOUND / UNFOUND)
- ¼ SECTION CORNER
- CLOSING CORNER
- MEANDER CORNER
- CENTER OF SECTION
- 1/16 SECTION CORNER 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 (2)
- APPROACH: EXIST.- PROPOSED

ASSOCIATED PROJECTS
MT 18(41) PE

RELATED PROJECTS
MT 18(35) F 208(2)

CONSTRUCTION LIMITS
CUT SECTION (TOP OF CUT)
TRANSITION
TOE OF FILL
BACKSLOPE LIMITS INCLUDE ROUNDING

MAP REVISED 11-18-16

FHWA/MDT APPROVAL
5-9-16 APR 5-9-16 ACQ

3	MDT MONTANA DEPARTMENT OF TRANSPORTATION	c:\dgn\6454000rottl001.dgn
2		11/18/2016
1		8:33:38 AM CPS-U1068

OWNERSHIP

PARCEL	NAME	ADDRESS	TOTAL AREA	GROSS R/W AREA	EX. EASE. AREA	NET AREA	REMAINDER LEFT	REMAINDER RIGHT	CONST. PMT. AREA	EASEMENT AREA	SHEET NO.
1	ALLOTMENT 1788, WILLIAM A & ROBERT J POWELL	PO BOX 850, BROWNING, MT 59417	160.00+ AC	* 1.05 AC		1.05 AC					3
1CE	UNITED STATES OF AMERICA - FWS	922 BOOTLEGGER TRAIL, GREAT FALLS, MT 59404		* 1.05 AC		1.05 AC					3
2	WILLIAM A POWELL	PO BOX 18, BABB, MT 59411	OWNER NOTIFICATION ONLY								3-4
2CE	UNITED STATES OF AMERICA - FWS	922 BOOTLEGGER TRAIL, GREAT FALLS, MT 59404	OWNER NOTIFICATION ONLY								3-4
3	BUREAU OF RECLAMATION	PO BOX 30139, BILLINGS, MT 59107		* 4.50 AC		4.50 AC					4-5
4	JASON M REID	PO BOX 36, BABB, MT 59411	160.00+ AC	* 0.90 AC		0.90 AC					4-6
5	BUREAU OF RECLAMATION	PO BOX 30139, BILLINGS, MT 59107		* 0.46 AC		0.46 AC					5
6	BUREAU OF RECLAMATION	PO BOX 30139, BILLINGS, MT 59107		* 0.39 AC		0.39 AC					5
7	BUREAU OF RECLAMATION	PO BOX 30139, BILLINGS, MT 59107		* 0.41 AC		0.41 AC					5-6
8	BUREAU OF RECLAMATION	PO BOX 30139, BILLINGS, MT 59107		* 0.54 AC		0.54 AC					6
9	MARVIN J & JUDY E REID	PO BOX 6, BABB, MT 59411	160.00+ AC	* 1.18 AC		1.18 AC					6
10	BUREAU OF RECLAMATION	PO BOX 30139, BILLINGS, MT 59107		* 0.81 AC		0.81 AC					6
11	WILLIAM A POWELL	PO BOX 18, BABB, MT 59411	160.00+ AC	* 4.21 AC		4.21 AC					6-8
12	ALLOTMENT 2631, KENNETH PAUL ESTATE	PO BOX 850, BROWNING, MT 59417	OWNER NOTIFICATION ONLY								7-8
13	ALLOTMENT T5314, BLACKFEET TRIBE	PO BOX 850, BROWNING, MT 59417	160.00+ AC	* 7.55 AC		7.55 AC					7-9
14	DELETED										
15	DELETED										
16	DELETED										
17	DELETED										
16L1	DELETED										

STATE	RIGHT OF WAY	SHEET NO.	TOTAL SHEETS
MONTANA		2	9
R/W ID.		MT 18(41)	
PROJECT NO.		6454-041-000	

ST MARY'S RD-SPIDER LAKE RD

RIGHT-OF-WAY COORDINATE ASCII FILES

R/W BREAK COORDS: 6454000ROBRK001.TXT
R/W BASELINE COORDS: 6454000ROBAS001.TXT
ALL FILES ARE LOCATED ON THE CADD SERVER IN THE RO DIRECTORY, UNDER PROJECT: 6454000

* TO BE ACQUIRED AS EASEMENT IN THE NAME OF GLACIER COUNTY

CONSTRUCTION LIMITS
CUT SECTION (TOP OF CUT)
TRANSITION
TOE OF FILL
BACKSLOPE LIMITS INCLUDE ROUNDING

MAP REVISED 11-18-16

FHWA/MDT APPROVAL
5-9-16 APR 5-9-16 ACO

3	MDT MONTANA DEPARTMENT OF TRANSPORTATION	c:\dgn\6454000roown001.dgn	
2		11/18/2016	
1		8:33:44 AM	CPS-U1068

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.

FOR EXISTING R/W RETRACEMENT, SEE CERTIFICATE OF SURVEY NO. 510

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 0.99976006

MONTANA DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY PLAN
GLACIER COUNTY

BLACKFEET INDIAN RESERVATION

STATE	RIGHT OF WAY	SHEET NO.	TOTAL SHEETS
MONTANA		3	9
R/W ID.		MT 18(41)	
PROJECT NO.		6454-041-000	

ST MARY'S RD-SPIDER LAKE RD

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

PI 506+25.04 IS S63° 14' 43"W 3,188.04' FROM THE NW CORNER OF SECTION 25. (FND B.L.M. B.C.)

NE^4 NW^4 SEC. 26 | NW^4 NE^4 SEC. 26 | SW^4 NE^4 SEC. 26 | SE^4 NE^4 SEC. 26 | NE^4 SE^4 SEC. 26

T 37 N R 14 W

510 520 530

POT 500+14.00

PI 500+25.39 Δ=00° 50' 15" RT.

EX. EASE. = R/W 30'

BEG. ACQUISITION LT.

PT 501+62.98 R/W 30'

PI 503+75.03 R/W 30' Δ=00° 23' 50" RT.

PI 505+46.67 R/W 30' Δ=00° 48' 50" RT.

PI 506+25.04 R/W 30' Δ=00° 47' 00" RT.

R/W=MID SECTION LINE 30'

PI=520+84.49
Δ=6° 44' 37" (RT.)
R=1,400.82'
L=281.89'
LE=2.92.79'

EXISTING COUNTY ROAD EASEMENT PER DOCUMENT NUMBER 228601, BOOK 49 OF MISC., PAGE 39

S 55° 51' 51" E

S 41° 23' 38" E

S 41° 47' 28" E

S 40° 34' 48" E

S 39° 47' 48" E

S 35° 03' 11" E

S 56° 48' 06" E

R/W 503+74.92 30'

PI=501+01.88
Δ=14° 04' 23" (RT.)
R=500.72'
L=122.81'
LE=3.79.81'

R/W 505+46.46 30'

R/W 506+25.25 30'

R/W=MID SECTION LINE 30'

PC 519+43.67

PT 522+25.15

PC 500+40.17 R/W EASE.

EX. 30' ACQUISITION RT.

BEG. ACQUISITION RT. R/W 501+62.98 30'

STA. 500+14.00
BEGIN MT 18(41)

150'

EX. EASE. — US 89 (P-58) — EX. EASE.

1 1CE

ALLT. 1788

2 2CE

SE^4 NW^4 SEC. 26 | NE^4 SW^4 SEC. 26 | NW^4 SE^4 SEC. 26

CONSTRUCTION LIMITS	MAP REVISED 11-18-16
CUT SECTION (TOP OF CUT)	
TRANSITION	
TOE OF FILL	
BACKSLOPE LIMITS INCLUDE ROUNDING	FHWA/MDT APPROVAL 5-9-16 APR 5-9-16 ACQ

3	MDT MONTANA DEPARTMENT OF TRANSPORTATION	c:\dgn\6454000ropln001.dgn	
2		11/18/2016	
1		8:34:16 AM	CPS-U1068

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.

FOR EXISTING R/W RETRACEMENT, SEE CERTIFICATE OF SURVEY NO. 510

GRID STATE PLANE COORDINATES

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THE COMBINATION SCALE FACTOR IS 0.99976006

MONTANA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN

GLACIER COUNTY

SCALE 1"=100'

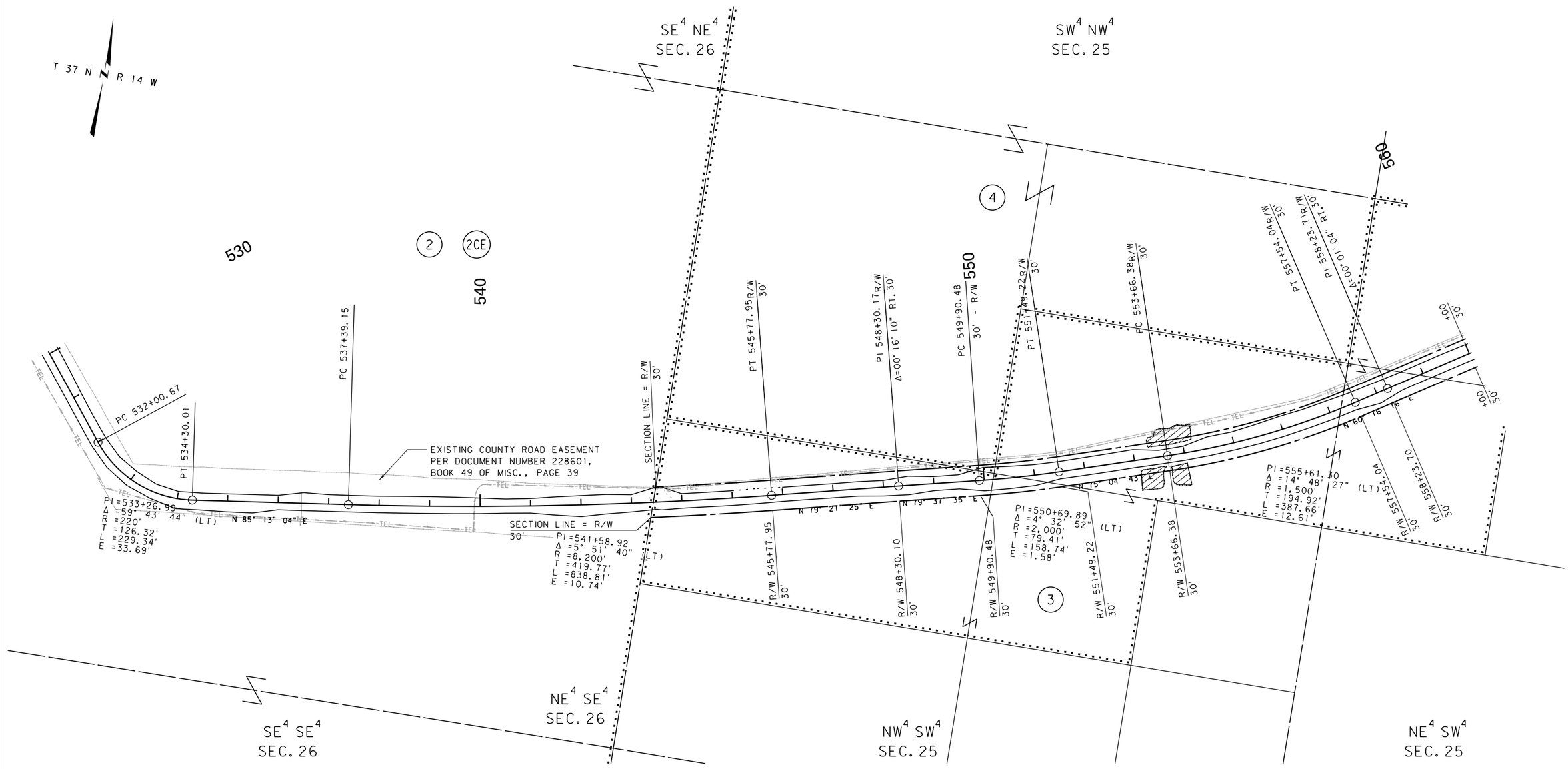
0 50' 100' 200' 300'

BLACKFEET INDIAN RESERVATION

STATE	RIGHT OF WAY	SHEET NO.	TOTAL SHEETS
MONTANA		4	9
R/W ID.		MT 18(41)	
PROJECT NO.		6454-041-000	

ST MARY'S RD-SPIDER LAKE RD

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



CONSTRUCTION LIMITS	MAP REVISED 11-18-16
CUT SECTION (TOP OF CUT)	
TRANSITION	
TOE OF FILL	
BACKSLOPE LIMITS INCLUDE ROUNDING	FHWA/MDT APPROVAL 5-9-16 APR 5-9-16 ACO

3	MDT MONTANA DEPARTMENT OF TRANSPORTATION	c:\dgn\6454000ropln001.dgn	
2		11/18/2016	
1		8:34:20 AM	CPS-U1068

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.

FOR EXISTING R/W RETRACEMENT, SEE CERTIFICATE OF SURVEY NO. 510

GRID STATE PLANE COORDINATES

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THE COMBINATION SCALE FACTOR IS 0.99976006

MONTANA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN

GLACIER COUNTY

SCALE 1"=100'

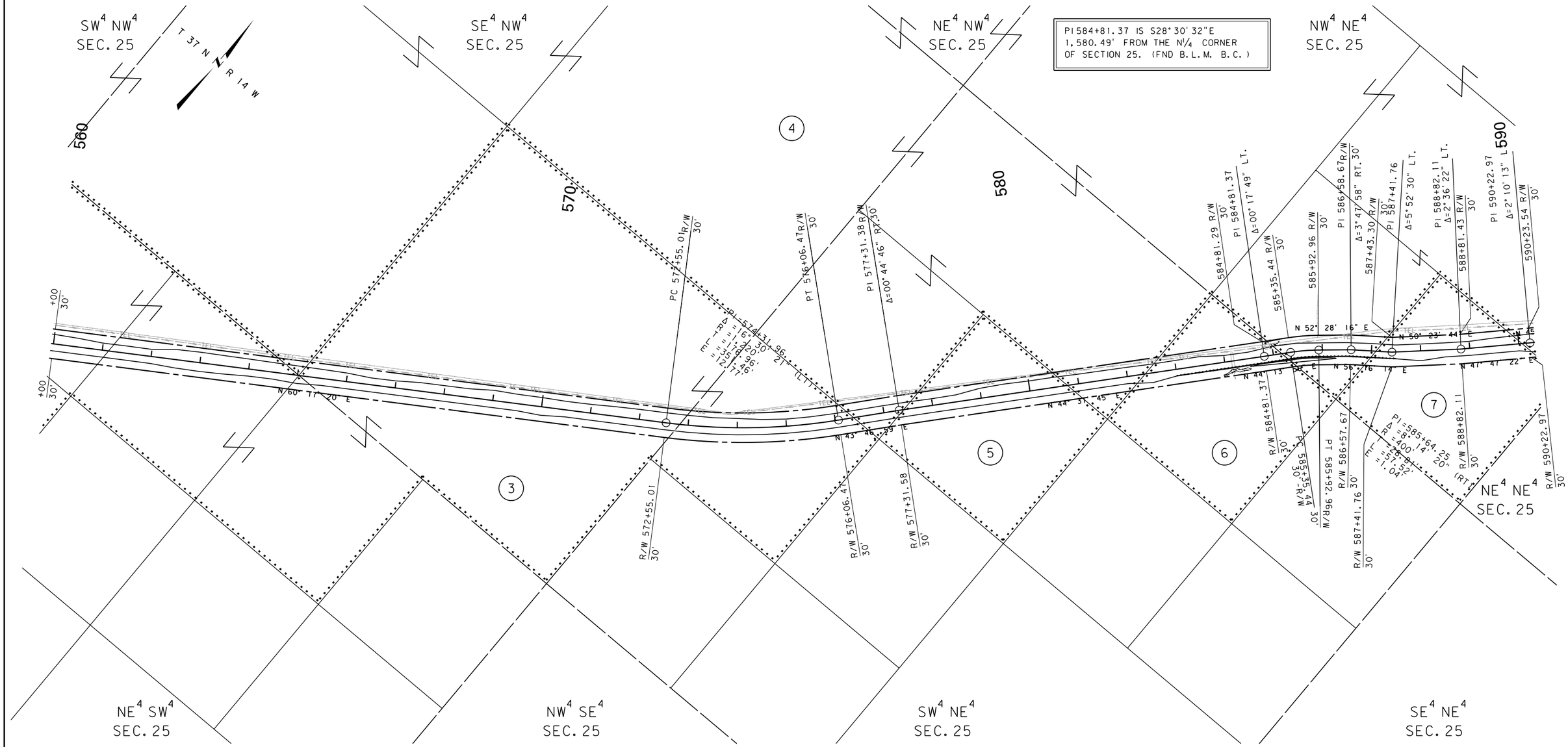
0 50' 100' 200' 300'

BLACKFEET INDIAN RESERVATION

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

STATE	RIGHT OF WAY	SHEET NO.	TOTAL SHEETS
MONTANA		5	9
R/W ID.		MT 18(41)	
PROJECT NO.		6454-041-000	

ST MARY'S RD-SPIDER LAKE RD



CONSTRUCTION LIMITS	MAP REVISED 11-18-16
CUT SECTION (TOP OF CUT)	
TRANSITION	
TOE OF FILL	
BACKSLOPE LIMITS INCLUDE ROUNDING	FHWA/MDT APPROVAL 5-9-16 APR 5-9-16 ACO

3	MDT MONTANA DEPARTMENT OF TRANSPORTATION	c:\dgn\6454000ropln001.dgn	
2		11/18/2016	
1		8:34:24 AM	CPS - U1068

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.

FOR EXISTING R/W RETRACEMENT, SEE CERTIFICATE OF SURVEY NO. 510

GRID STATE PLANE COORDINATES

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MONTANA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN

GLACIER COUNTY

SCALE 1" = 100'

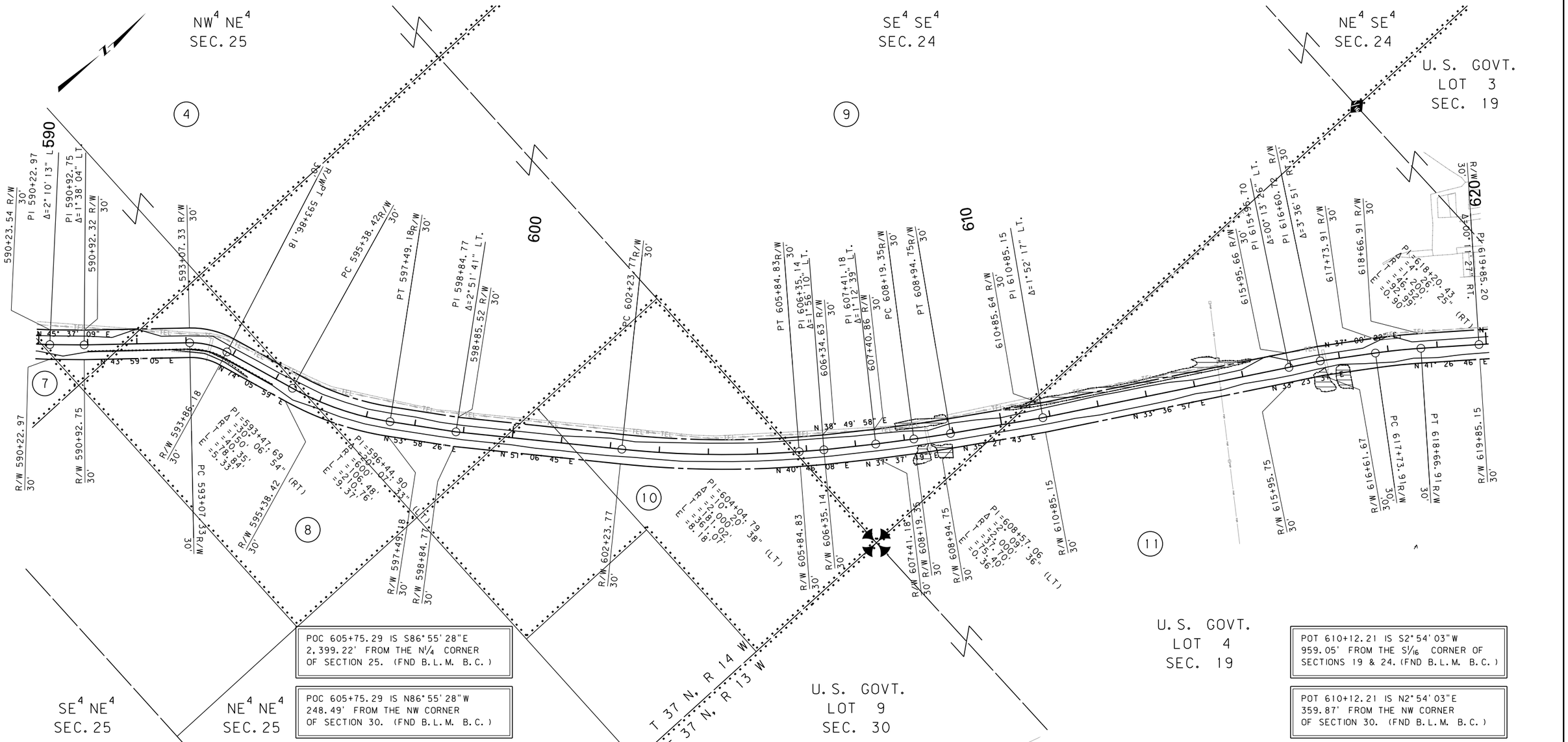
0 50' 100' 200' 300'

BLACKFEET INDIAN RESERVATION

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

STATE	RIGHT OF WAY	SHEET NO.	TOTAL SHEETS
MONTANA		6	9
R/W ID.		MT 18(41)	
PROJECT NO.		6454-041-000	

ST MARY'S RD-SPIDER LAKE RD



POC 605+75.29 IS S86°55'28"E 2,399.22' FROM THE N¼ CORNER OF SECTION 25. (FND B.L.M. B.C.)

POC 605+75.29 IS N86°55'28"W 248.49' FROM THE NW CORNER OF SECTION 30. (FND B.L.M. B.C.)

POT 610+12.21 IS S2°54'03"W 959.05' FROM THE S5/16 CORNER OF SECTIONS 19 & 24. (FND B.L.M. B.C.)

POT 610+12.21 IS N2°54'03"E 359.87' FROM THE NW CORNER OF SECTION 30. (FND B.L.M. B.C.)

CONSTRUCTION LIMITS
CUT SECTION (TOP OF CUT)
TRANSITION
TOE OF FILL
BACKSLOPE LIMITS INCLUDE ROUNDING

MAP REVISED 11-18-16

FHWA/MDT APPROVAL
5-9-16 APR 5-9-16 ACO

3	MDT MONTANA DEPARTMENT OF TRANSPORTATION	c:\dgn\6454000ropln002.dgn	
2		11/18/2016	
1		8:35:08 AM	CPS - U1068

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.

FOR EXISTING R/W RETRACEMENT, SEE CERTIFICATE OF SURVEY NO. 510

GRID STATE PLANE COORDINATES

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THE COMBINATION SCALE FACTOR IS 0.99976006

MONTANA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN

GLACIER COUNTY

SCALE 1"=100'

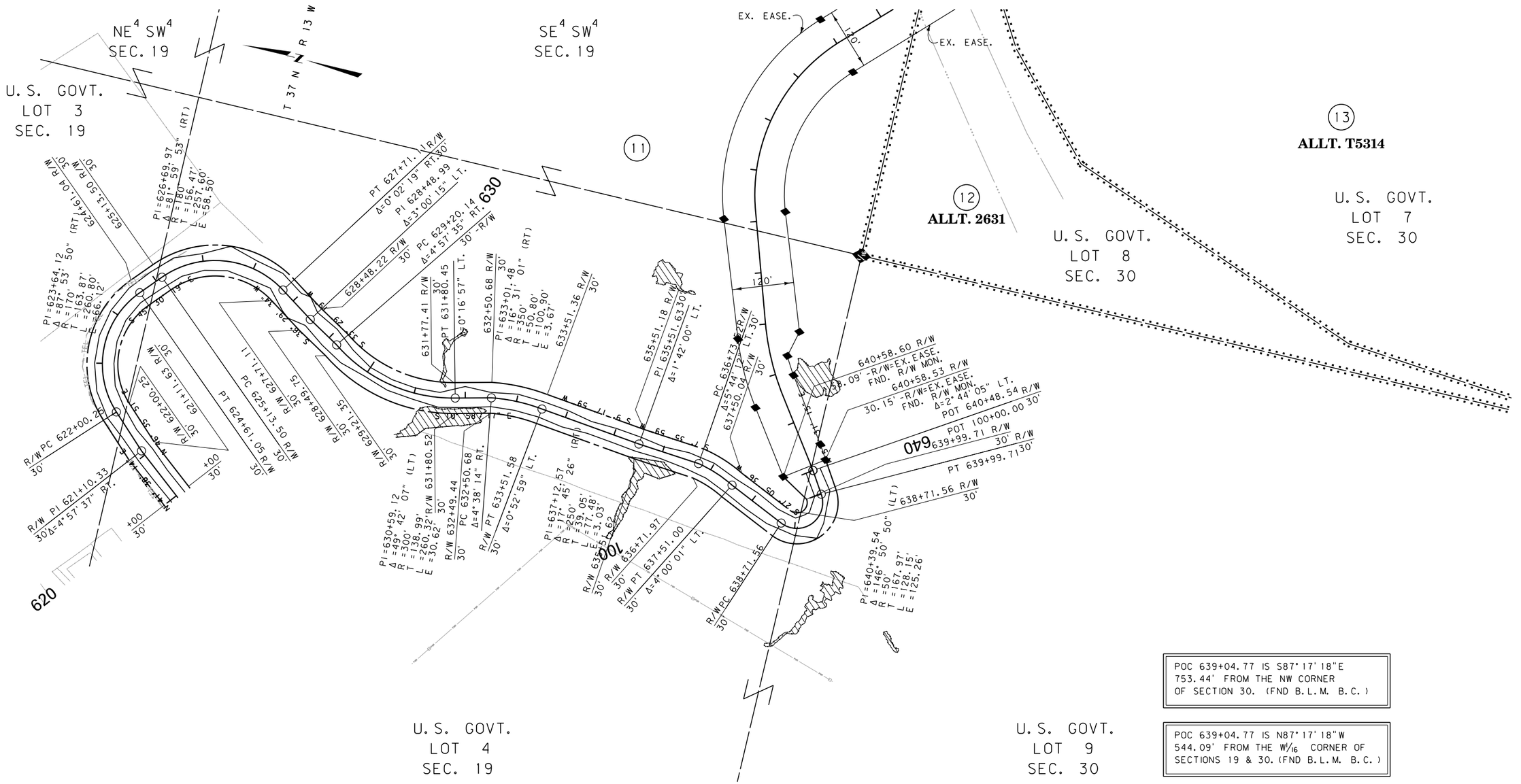
0 50' 100' 200' 300'

BLACKFEET INDIAN RESERVATION

STATE	RIGHT OF WAY	SHEET NO.	TOTAL SHEETS
MONTANA		7	9
R/W ID.		MT 18(41)	
PROJECT NO.		6454-041-000	

ST MARY'S RD-SPIDER LAKE RD

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



POC 639+04.77 IS S87° 17' 18"E 753.44' FROM THE NW CORNER OF SECTION 30. (FND B.L.M. B.C.)

POC 639+04.77 IS N87° 17' 18"W 544.09' FROM THE W1/16 CORNER OF SECTIONS 19 & 30. (FND B.L.M. B.C.)

FOR EXISTING R/W RETRACEMENT, SEE CERTIFICATE OF SURVEY NO. 510

GRID STATE PLANE COORDINATES

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THE COMBINATION SCALE FACTOR IS 0.99976006

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.

CONSTRUCTION LIMITS
CUT SECTION (TOP OF CUT)
TRANSITION
TOE OF FILL
BACKSLOPE LIMITS INCLUDE ROUNDING

MAP REVISED 11-18-16

FHWA/MDT APPROVAL
5-9-16 APR 5-9-16 ACO

3	MDT MONTANA DEPARTMENT OF TRANSPORTATION	c:\dgn\6454000ropln002.dgn	
2		11/18/2016	
1		8:35:12 AM	CPS - U1068

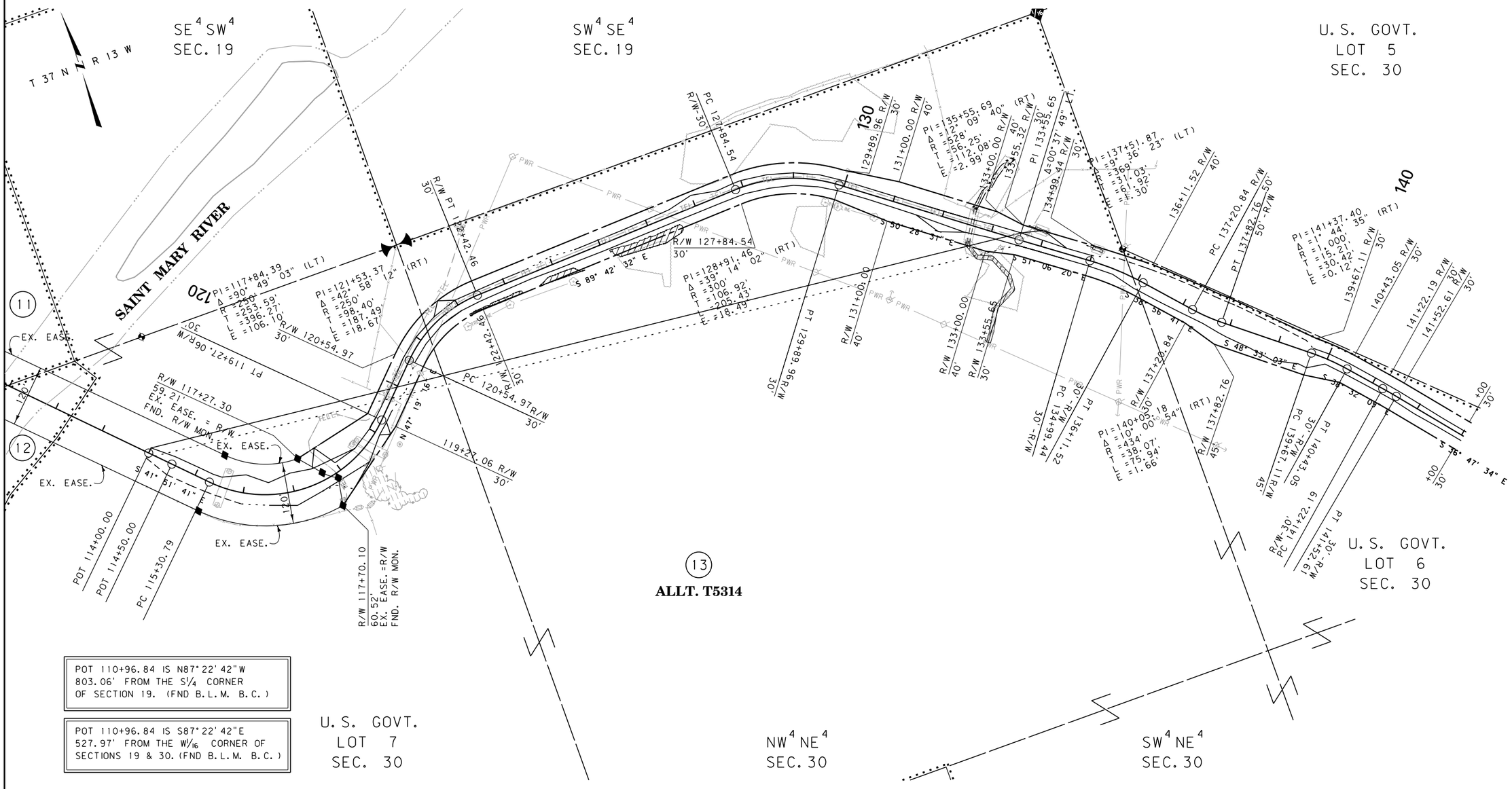
MONTANA DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY PLAN
GLACIER COUNTY
SCALE 1"=100'
0 50' 100' 200' 300'

BLACKFEET INDIAN RESERVATION

STATE	RIGHT OF WAY	SHEET NO.	TOTAL SHEETS
MONTANA		8	9
R/W ID.		MT 18(41)	
PROJECT NO.		6454-041-000	

ST MARY'S RD-SPIDER LAKE RD

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



POT 110+96.84 IS N87°22'42"W 803.06' FROM THE S1/4 CORNER OF SECTION 19. (FND B.L.M. B.C.)

POT 110+96.84 IS S87°22'42"E 527.97' FROM THE W1/16 CORNER OF SECTIONS 19 & 30. (FND B.L.M. B.C.)

CONSTRUCTION LIMITS
CUT SECTION (TOP OF CUT)
TRANSITION
TOE OF FILL
BACKSLOPE LIMITS INCLUDE ROUNDING

MAP REVISED 11-18-16

FHWA/MDT APPROVAL
5-9-16 APR 5-9-16 ACO

3	MDT MONTANA DEPARTMENT OF TRANSPORTATION	c:\dgn\6454000ropln002.dgn	
2		11/18/2016	
1		8:35:17 AM	CPS-U1068

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.

FOR EXISTING R/W RETRACEMENT, SEE CERTIFICATE OF SURVEY NO. 510

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 0.99976006

MONTANA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN

GLACIER COUNTY

SCALE 1"=100'

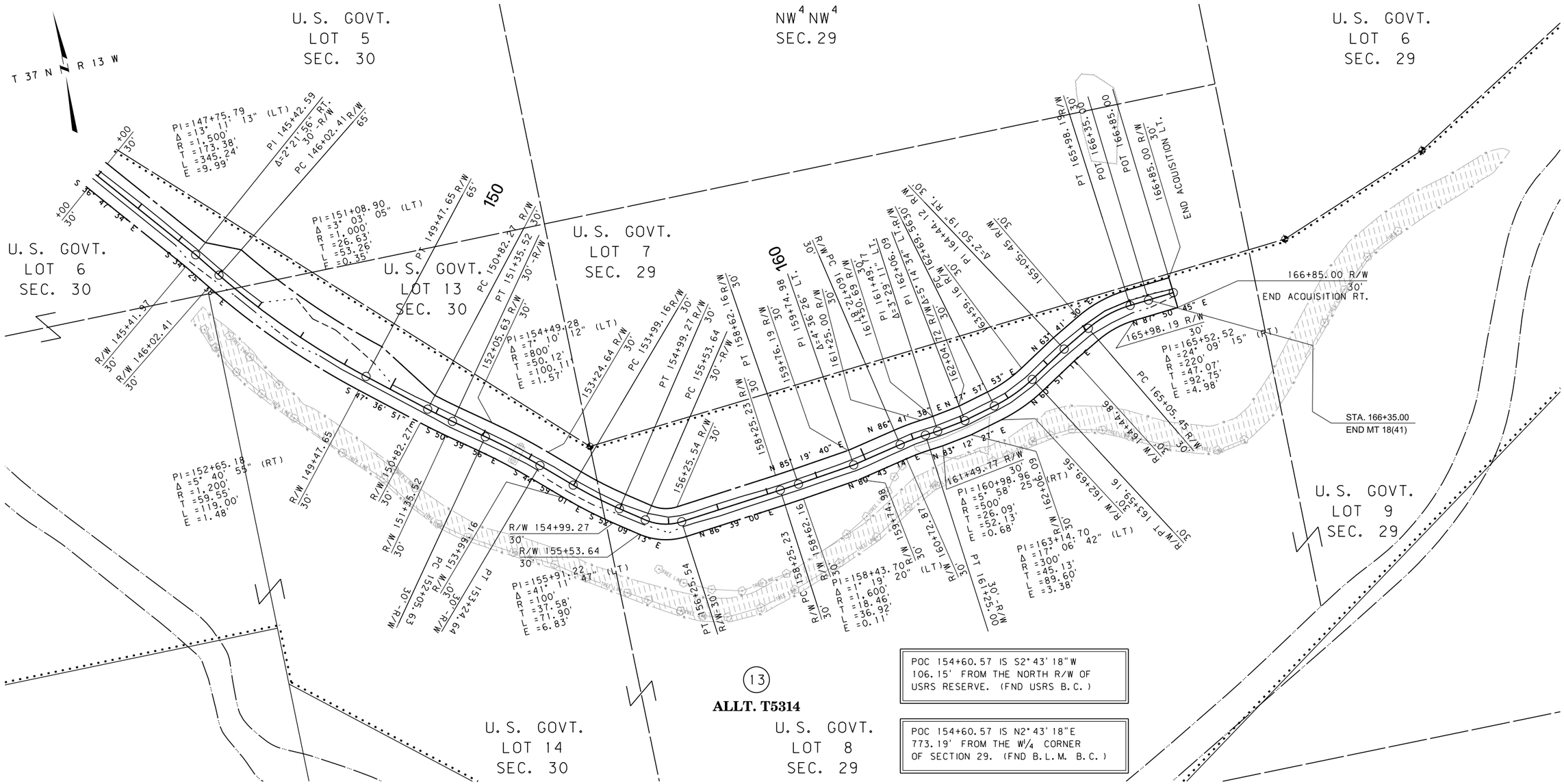
0 50' 100' 200' 300'

BLACKFEET INDIAN RESERVATION

STATE	RIGHT OF WAY	SHEET NO.	TOTAL SHEETS
MONTANA		9	9
R/W ID.		MT 18(41)	
PROJECT NO.		6454-041-000	

ST MARY'S RD-SPIDER LAKE RD

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



(13)

ALLT. T5314

POC 154+60.57 IS S2° 43' 18"W 106.15' FROM THE NORTH R/W OF USRS RESERVE. (FND USRS B.C.)

POC 154+60.57 IS N2° 43' 18"E 773.19' FROM THE W¼ CORNER OF SECTION 29. (FND B.L.M. B.C.)

FOR EXISTING R/W RETRACEMENT, SEE CERTIFICATE OF SURVEY NO. 510

GRID STATE PLANE COORDINATES

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THE COMBINATION SCALE FACTOR IS 0.99976006

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.

CONSTRUCTION LIMITS
CUT SECTION — TOP OF CUT
TRANSITION
TOE OF FILL
BACKSLOPE LIMITS INCLUDE ROUNDING

MAP REVISED 11-18-16

FHWA/MDT APPROVAL
5-9-16 APR 5-9-16 ACO

3	MDT MONTANA DEPARTMENT OF TRANSPORTATION	c:\dgn\6454000ropln003.dgn	
2		11/18/2016	
1		8:35:45 AM	CPS-U1068

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