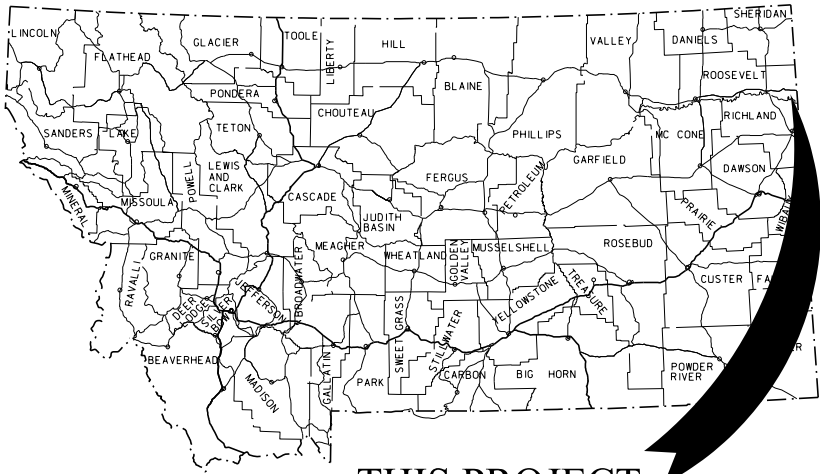




THIS PROJECT

MONTANA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN FEDERAL AID PROJECT STPS 327-1(13)1 BAINVILLE - SOUTH ROOSEVELT COUNTY

LENGTH 13.2 MILES

STATE	RIGHT OF WAY	SHEET	TOTAL
		NO.	SHEETS
MONTANA		1	27
R/W ID.		STPS 327-1(13)1	
PROJECT NO.		4907-013-000	

BAINVILLE - SOUTH

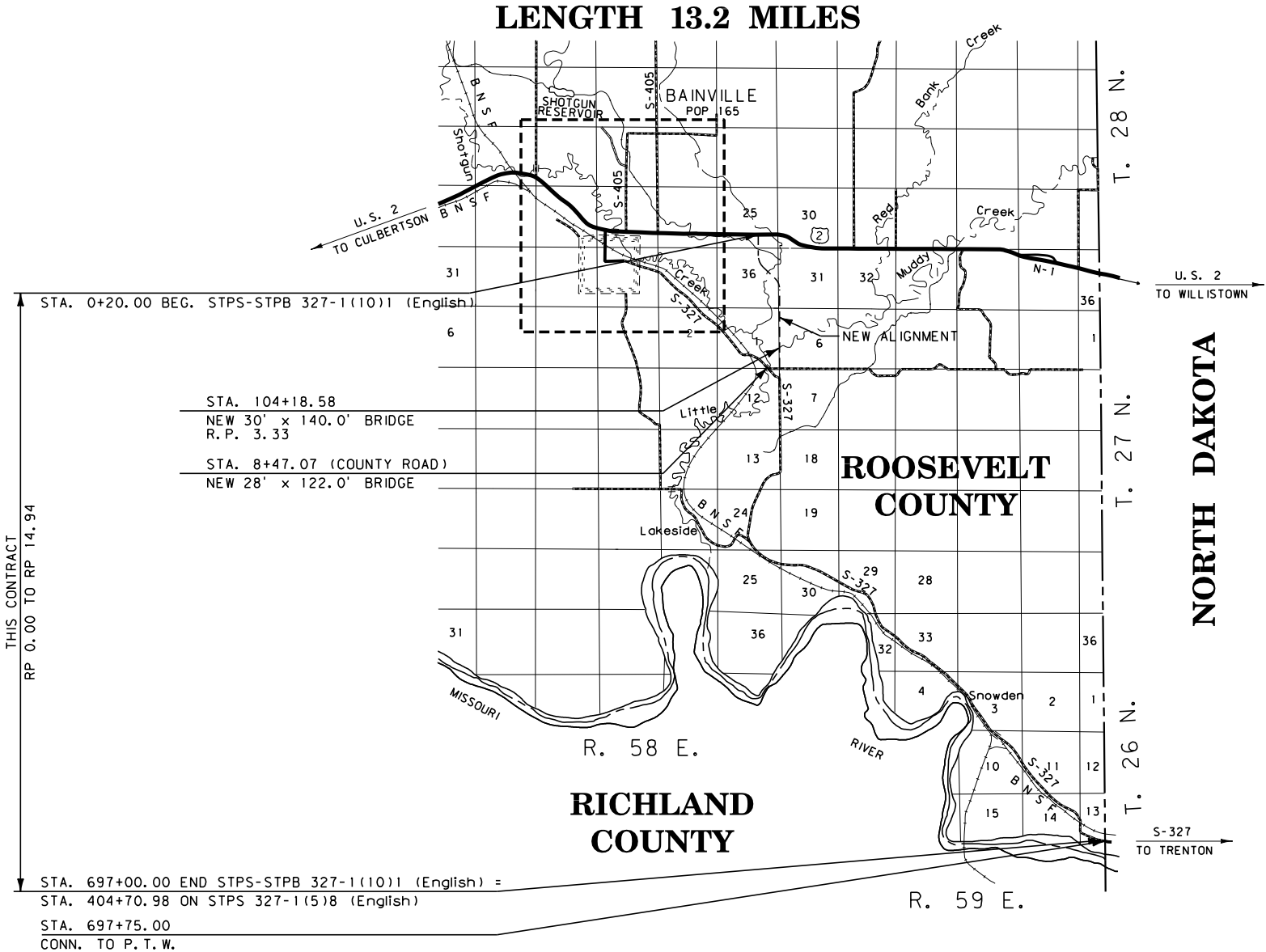
PLAN LEGEND

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 AC
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	FOUND UNFOUND
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. 20
DITCH BLOCK	---
RIPRAP	---
BRIDGES	---
RAILROADS	---
PARCEL NUMBERS	---
APPROACH: EXIST.-PROPOSED	---



ASSOCIATED PROJECTS
STPS 327-1(8)1 P.E.

RELATED PROJECTS
STPS 327-1(4)8 S 180(1) F-84(22)



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

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

MAP REVISED
FHWA/MDT APPROVAL
1-19-17

FOR EXISTING R/W RETRACEMENT, SEE
C.O.S. 409424, C.O.S. 368808, C.O.S. 413010

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 FACTORS ARE: CSF = 0.99948716 (RP 0.6 TO 7.0) STA. 0+00 TO STA. 280+39
CSF = 0.99946398 (RP 7.0 TO 15.0) STA. 280+39 TO STA. 700+00

DOWL

OWNERSHIP											
PARCEL	NAME	ADDRESS	TOTAL AREA	GROSS R/W AREA	EX. EASE. AREA	NET AREA	REMAINDER		CONST. PMT. AREA	EASEMENT AREA	SHEET NO.
							LEFT	RIGHT			
1	MATTHEW R & DIXIE BERWICK	PO BOX 502, CULBERTSON, MT 59218-9614	36.95 AC	0.22 AC		0.22 AC	36.73 AC				3
2	ROMO BOTHERS, LLP	PO BOX 36, BAINVILLE, MT 59212-0036	160.00+ AC	3.07 AC		3.07 AC					3
3	STATE OF MONTANA, D.N.R.C.	1625 11TH AVE, HELENA MT 59601-4600	160.00+ AC	17.72 AC		17.72 AC				3.89 AC	3-5
4	DENNIS D & TAMIL NELSON	PO BOX 87, BAINVILLE, MT 59212-0087	160.00+ AC	1.25 AC		1.25 AC			0.53 AC	0.27 AC	4-7, 27
5	LARSEN FARMS	PO BOX 76, RESERVE, MT 59258-0076	160.00+ AC	18.52 AC		18.52 AC				0.22 AC	5-9, 27
6	LARSEN FARMS	PO BOX 76, RESERVE, MT 59258-0076	160.00+ AC	1.68 AC		1.68 AC				0.08 AC	7-9, 27
7	ROMO BOTHERS, LLP	PO BOX 36, BAINVILLE, MT 59212-0036								0.02 AC	9, 10
8	ROMO BOTHERS, LLP	PO BOX 36, BAINVILLE, MT 59212-0036	153.50 AC	2.85 AC		2.85 AC				0.02 AC	9, 10
9	LELAND J ROMO	6199 HIGHWAY 327, BAINVILLE, MT 59212-9646	OWNER NOTIFICATION ONLY								10
10	ROMO BOTHERS, LLP	PO BOX 36, BAINVILLE, MT 59212-0036	FOR NEGOTIATIONS ONLY								10
11	STATE OF MONTANA, D.N.R.C.	1625 11TH AVE, HELENA MT 59601-4600	40.00 AC	2.19 AC	1.98 AC	0.21 AC	36.15 AC	1.66 AC		0.03 AC	10, 11
12	NOT USED										
13	ROMO BOTHERS, LLP	6220 HIGHWAY 327, BAINVILLE, MT 59212-9602	144.40 AC	0.29 AC		0.29 AC		144.11 AC			10, 11
14	ROMO BOTHERS, LLP	6220 HIGHWAY 327, BAINVILLE, MT 59212-9602	3.89 AC	0.09 AC		0.09 AC	3.80 AC				10, 11
15	ALAN CURT & RAYNE J ROMO	6220 HIGHWAY 327, BAINVILLE, MT 59212-9602	OWNER NOTIFICATION ONLY								10, 11
16	ROMO BOTHERS, LLP	PO BOX 36, BAINVILLE, MT 59212-0036							0.14 AC		11
17	ROMO BOTHERS, LLP	PO BOX 36, BAINVILLE, MT 59212-0036	59.40 AC	1.52 AC		1.52 AC		57.88 AC			11
18	SCOT T & DIANE P PANASUK	6256 HIGHWAY 327, BAINVILLE, MT 59212-9602							0.11 AC		11-15
19	SCOT T & DIANE P PANASUK	6256 HIGHWAY 327, BAINVILLE, MT 59212-9602	160.00+ AC	0.10 AC		0.10 AC				① 0.44 AC	11, 12
20	BNSF RAILWAY COMPANY	2650 LOU MENK DRIVE, FORT WORTH, TX 76131	OWNER NOTIFICATION ONLY								12, 13, 17-27
21	MILES G PANASUK	6312 HIGHWAY 327, BAINVILLE, MT 59212-9601							0.04 AC		13
22	MILES G PANASUK	6312 HIGHWAY 327, BAINVILLE, MT 59212-9601	FOR NEGOTIATIONS ONLY								12-14
23	SCOT T & DIANE P PANASUK	6256 HIGHWAY 327, BAINVILLE, MT 59212-9602	FOR NEGOTIATIONS ONLY								14, 15
24	CLAY & CLINT HALVORSON	320 REDA LN, BILLINGS, MT 59105-2428	OWNER NOTIFICATION ONLY								15-17
25	TTT WILLOW BAR, LLC	4 FAIRGROUNDS RD, GLENDIVE MT 59330-3709	FOR NEGOTIATIONS ONLY								15-17
26	TTT WILLOW BAR, LLC	4 FAIRGROUNDS RD, GLENDIVE MT 59330-3709	36.12 AC	1.89 AC		1.89 AC	34.23 AC				15, 16
27	CLAY & CLINT HALVORSON	320 REDA LN, BILLINGS, MT 59105-2428	OWNER NOTIFICATION ONLY								16, 17
28	TTT WILLOW BAR, LLC	4 FAIRGROUNDS RD, GLENDIVE MT 59330-3709	50.91 AC	2.19 AC		2.19 AC	48.72 AC				17
29	USDIBUREAU OF LAND MANAGEMENT	MONTANA STATE OFFICE, 5001 SOUTHGATE DR BILLINGS, MT 59101-4669	39.00 AC	1.62 AC		1.62 AC	37.38 AC				17, 18
30	MICHAEL J. WILSON	6150 RW 1 DRIVE, BAINVILLE, MT 59212	160.00+ AC	* 1.31 AC		* 1.31 AC					18, 19
31	GLORIA SCOTT BERRY, ½ INTEREST	4124 153RD AVE NW, WILLISTON, ND 58801-8683	160.00+ AC	0.13 AC		0.13 AC					19, 20
	SUSAN D ZIMMERMAN FAMILY TRUST, ½ INTEREST										
32	WILSON SCOTT BERRY, ½ INTEREST	4124 153RD AVE NW, WILLISTON, ND 58801-8683	FOR NEGOTIATIONS ONLY								20
	SUSAN D ZIMMERMAN FAMILY TRUST, ½ INTEREST	SUSAN D ZIMMERMAN FAMILY REVOCABLE TRUST, ½INT									
33	GLORIA SCOTT BERRY, ½ INTEREST	4124 153RD AVE NW, WILLISTON, ND 58801-8683	160.00+ AC	2.73 AC		2.73 AC					20-22
	SUSAN D ZIMMERMAN FAMILY TRUST, ½ INTEREST										
34	WILSON SCOTT BERRY, ½ INTEREST	4124 153RD AVE NW, WILLISTON, ND 58801-8683	30.42 AC	0.33 AC		0.33 AC	30.09 AC				21
	SUSAN D ZIMMERMAN FAMILY TRUST, ½ INTEREST										
35	WILSON SCOTT BERRY, ½ INTEREST	4124 153RD AVE NW, WILLISTON, ND 58801-8683	160.00+ AC	3.94 AC		3.94 AC					22-24
	SUSAN D ZIMMERMAN FAMILY TRUST, ½ INTEREST										
36	WILSON SCOTT BERRY, ½ INTEREST	4124 153RD AVE NW, WILLISTON, ND 58801-8683	FOR NEGOTIATIONS ONLY								23-24
	SUSAN D ZIMMERMAN FAMILY TRUST, ½ INTEREST										
37	GREGORY M HEEN	15473 HIGHWAY 1804, WILLISTON, ND 58801-8679	160.00+ AC	0.39 AC		0.39 AC					24, 25
38	GREGORY M HEEN	15473 HIGHWAY 1804, WILLISTON, ND 58801-8679	FOR NEGOTIATIONS ONLY								24, 25
39	DWIGHT EDWARD aka DWIGHT E. & SHEILA MARIE aka SHEILA M. VANNATTA	6740 HIGHWAY 327, BAINVILLE, MT 59212-9611	OWNER NOTIFICATION ONLY								25
40	DWIGHT EDWARD aka DWIGHT E. & SHEILA MARIE aka SHEILA M. VANNATTA	6740 HIGHWAY 327, BAINVILLE, MT 59212-9611	OWNER NOTIFICATION ONLY								25, 26
41	USA	400 2ND AVE S, WOLF POINT, MT 59201-1637	OWNER NOTIFICATION ONLY								25, 26
42	GARTH L & KATIE HARMON	1505 LENHARDT LN, BILLINGS, MT 59106-1745	OWNER NOTIFICATION ONLY								27
43	GARTH L & KATIE HARMON	1505 LENHARDT LN, BILLINGS, MT 59106-1745	OWNER NOTIFICATION ONLY								27
44	MONTANA DEPARTMENT OF TRANSPORTATION	2701 PROSPECT AVE, HELENA, MT 59620-1001	OWNER NOTIFICATION ONLY								24
45	BAINVILLE WATER DEPOT, LLC	P.O. BOX 1166, WILLISTON, ND 58802	FOR NEGOTIATIONS ONLY								5-7, & 14

CONSTRUCTION LIMITS

CUT SECTION

TRANSITION

TOE OF FILL

BACKSLOPE LIMITS
INCLUDE ROUNDING

MAP REVISED 10-31-17 11-13-17 1-17-18

FHWA/MDT APPROVAL
1-19-17

3

2

1

MDT

MONTANA DEPARTMENT
OF TRANSPORTATION

C:\DGN\4907\roownz01.dgn

12/4/2020

11:57:42 AM CPS - U0460

FOR EXISTING R/W RETRACEMENT, SEE
C.O.S. 409424, C.O.S. 368808, C.O.S. 413010

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 FACTORS ARE: CSF = 0.99948716 (RP 0.6 TO 7.0) STA. 0+00 TO STA. 280+39
CSF = 0.99946398 (RP 7.0 TO 15.0) STA. 280+39 TO 700+00

STATE	RIGHT OF WAY	SHEET	TOTAL
		NO.	SHEETS
MONTANA		2	27
R/W ID.		STPS 327-1(13)1	
PROJECT NO.		4907-013-000	

BAINVILLE - SOUTH

RIGHT-OF-WAY COORDINATE ASCII FILES

R/W BREAK COORDS: 4907ROBRKZ01.TXT
R/W BREAK COORDS: 4907ROBRKZ02.TXT
R/W BASELINE COORDS: 4907ROBASZ01.TXT
R/W BASELINE COORDS: 4907ROBASZ02.TXT
ALL FILES ARE LOCATED ON THE CADD SERVER
IN THE RO DIRECTORY, UNDER PROJECT: 4907

① TO BE ACQUIRED IN THE NAME OF
ROOSEVELT COUNTY INCLUDES
0.29 AC OF EXISTING EASEMENT

* TO BE ACQUIRED AS AN EASEMENT

MONTANA DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY PLAN
ROOSEVELT COUNTY

STATE	RIGHT OF WAY	SHEET	TOTAL
		NO.	SHEETS
MONTANA		3	27
R/W ID.		STPS 327-1(13)1	
PROJECT NO.		4907-013-000	

BAINVILLE - SOUTH

TOTAL	40.00 AC
GROSS	2.54 AC
EXISTING EASEMENT	AC
NET	2.54 AC
REMAINDER LT.	36.70 AC
REMAINDER RT.	0.76 AC
EASEMENTS	0.03 AC
CONST. PERMITS	AC

POT 12+81.27 IS S 86°13'46" W
1378.13' FROM THE NE CORNER
OF SECTION 36. (FND 3/4" BRASS CAP)

PI=21+95.16
Δ=38°43'17" (LT)
Rc=2,000'
Ls=189'
θs=2°42'26" (LT)
Δc=33°18'25"
Ts=797.52'
Lc=1,162.63'
Es=120.67'
S=7%

POT 12+81.27 IS N 86°13'46" E
1265.02' FROM THE N1/4 CORNER
OF SECTION 36. (FND MDT ALUM CAP)

TOTAL	40.00 AC
GROSS	1.89 AC
EXISTING EASEMENT	AC
NET	1.89 AC
REMAINDER LT.	AC
REMAINDER RT.	38.11 AC
EASEMENTS	AC
CONST. PERMITS	AC

MONTANA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
ROOSEVELT COUNTY

SCALE 1"=100'
0 50' 100' 200' 300'

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

NE⁴ SE⁴
SEC. 25

SE⁴ SE⁴
SEC. 25

NE⁴ NE⁴
SEC. 36

SEC. 25

SEC. 36

SEC. 25

SEC. 36

SW⁴ SE⁴
SEC. 25

NW⁴ NE⁴
SEC. 36

FOR EXISTING R/W RETRACEMENT, SEE
C.O.S. 409424, C.O.S. 368808, C.O.S. 413010

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:
CSF = 0.99948716

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

FHWA/MDT APPROVAL
1-19-17

3
2
1



MONTANA DEPARTMENT
OF TRANSPORTATION

C:\DGN\4907\rop\hz01.dgn

12/4/2020

11:57:55 AM

CPS - U0460

STATE	RIGHT OF WAY	SHEET	TOTAL
		NO.	SHEETS
MONTANA		4	27
R/W ID.		STPS 327-1(13)1	
PROJECT NO.		4907-013-000	

BAINVILLE - SOUTH

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

SC 36+49.90 IS N 42°24'29" W
702.51' FROM THE E1/4 CORNER
OF SECTION 36. (FND 3/4" ALUM. CAP)

TOTAL	40.00 AC
GROSS	2.54 AC
EXISTING EASEMENT	AC
NET	2.54 AC
REMAINDER LT.	36.70 AC
REMAINDER RT.	0.76 AC
EASEMENTS	0.03 AC
CONST. PERMITS	AC

TOTAL	40.00 AC
GROSS	5.36 AC
EXISTING EASEMENT	AC
NET	5.36 AC
REMAINDER LT.	14.13 AC
REMAINDER RT.	20.51 AC
EASEMENTS	3.86 AC
CONST. PERMITS	AC

PI=42+59.07
Δ=38°45'17" (RT)
Rc=2,000'
Ls=189'
Θs=2°42'26"
Δc=33°20'25" (RT)
Ts=798.18'
Lc=1,163.80'
Es=120.88'
S=7%

TOTAL	40.00 AC
GROSS	4.06 AC
EXISTING EASEMENT	AC
NET	4.06 AC
REMAINDER LT.	0.27 AC
REMAINDER RT.	35.67 AC
EASEMENTS	AC
CONST. PERMITS	AC

TOTAL	40.00 AC
GROSS	1.89 AC
EXISTING EASEMENT	AC
NET	1.89 AC
REMAINDER LT.	AC
REMAINDER RT.	38.11 AC
EASEMENTS	AC
CONST. PERMITS	AC

FOR EXISTING R/W RETRACEMENT, SEE
C.O.S. 409424, C.O.S. 368808, C.O.S. 413010

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:
CSF = 0.99948716

- 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
TRANSITION
TOE OF FILL
BACKSLOPE LIMITS
INCLUDE ROUNDING

MAP REVISED 11-13-17

FHWA/MDT APPROVAL
1-19-17

3
2
1
MDT MONTANA DEPARTMENT
OF TRANSPORTATION

C:\DGN\4907\roplnz01.dgn
12/4/2020
11:57:59 AM CPS - U0460

MONTANA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
ROOSEVELT COUNTY

SCALE 1"=100'
0 50' 100' 200' 300'

STATE	RIGHT OF WAY	SHEET	TOTAL
		NO.	SHEETS
MONTANA		5	27
R/W ID.		STPS 327-1(13)1	
PROJECT NO.		4907-013-000	

BAINVILLE - SOUTH

U. S. GOVT.
LOT 4
SEC. 6

U. S. GOVT.
LOT 1
SEC. 1

MONTANA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN

ROOSEVELT COUNTY

SCALE 1"=100'

0

50'

100'

200'

300'

SW⁴ SW⁴
SEC. 31

NW⁴ SW⁴
SEC. 31

SE⁴ SE⁴
SEC. 36

NE⁴ SE⁴
SEC. 36

POT 69+20.82 IS S 86° 14' 34" W
58.34' FROM THE SE CORNER
OF SECTION 36. (FND 3/2" BRASS CAP)

POT 69+20.82 IS N 86° 14' 34" E
2584.80' FROM THE N1/4 CORNER
OF SECTION 1. (FND MDT ALUM CAP)

TOTAL	40.00 AC
GROSS	3.87 AC
EXISTING EASEMENT	AC
NET	3.87 AC
REMAINDER LT.	AC
REMAINDER RT.	36.13 AC
EASEMENTS	AC
CONST. PERMITS	AC

TOTAL	40.00 AC
GROSS	4.06 AC
EXISTING EASEMENT	AC
NET	4.06 AC
REMAINDER LT.	0.27 AC
REMAINDER RT.	35.67 AC
EASEMENTS	AC
CONST. PERMITS	AC

FOR EXISTING R/W RETRACEMENT, SEE
C.O.S. 409424, C.O.S. 368808, C.O.S. 413010

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:
CSF = 0.99948716

- 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.

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

CONSTRUCTION LIMITS

CUT SECTION

TRANSITION

TOE OF FILL

BACKSLOPE LIMITS
INCLUDE ROUNDING

MAP REVISED 11-13-17

FHWA/MDT APPROVAL
1-19-17

3

2

1

MDT

MONTANA DEPARTMENT
OF TRANSPORTATION

C:\DGN\4907\roplnz01.dgn

12/4/2020

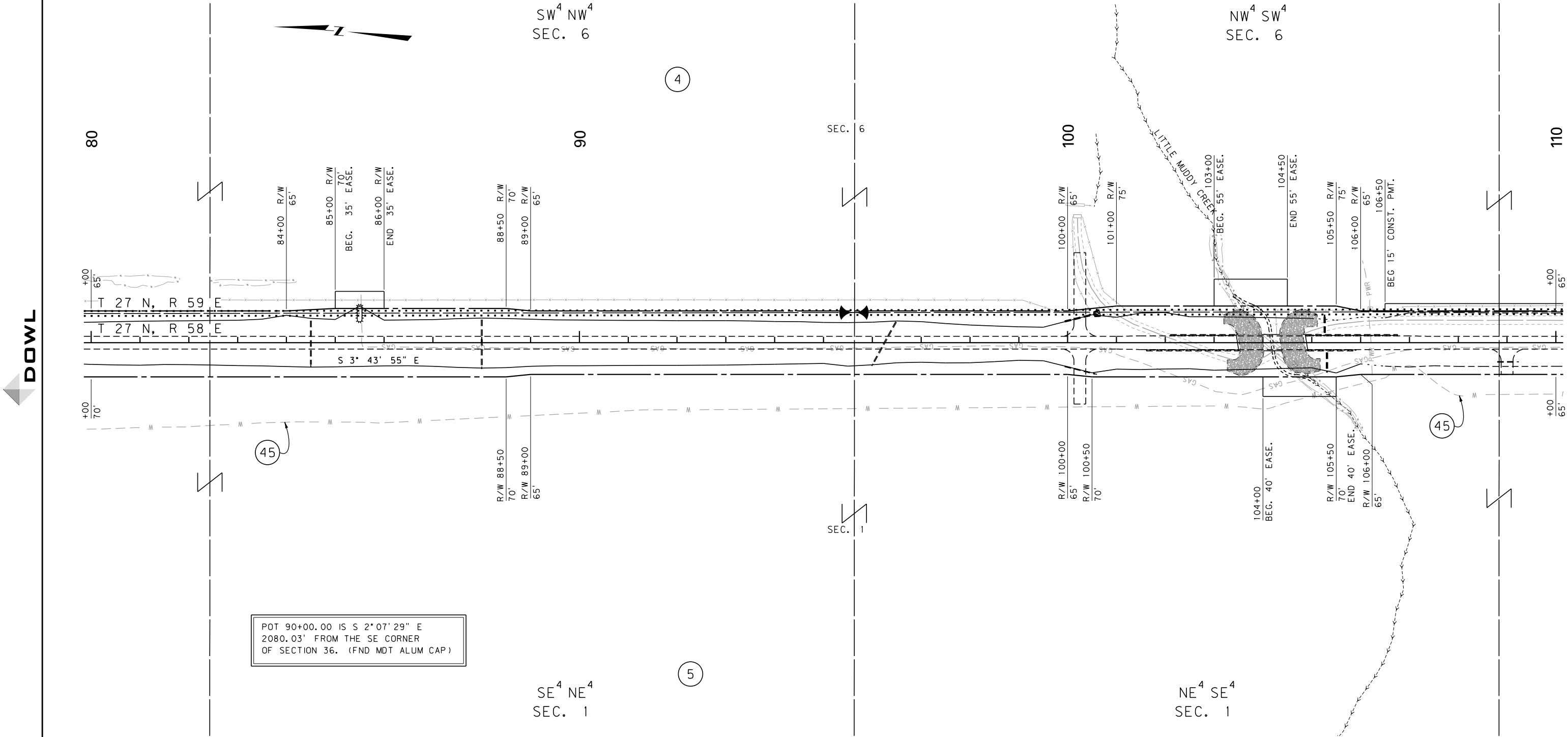
11:58:04 AM

CPS - U0460

STATE	RIGHT OF WAY	SHEET	TOTAL
		NO.	SHEETS
MONTANA		6	27
R/W ID.		STPS 327-1(13)1	
PROJECT NO.		4907-013-000	

BAINVILLE - SOUTH

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



POT 90+00.00 IS S 2° 07' 29\"/>

FOR EXISTING R/W RETRACEMENT, SEE
C.O.S. 409424, C.O.S. 368808, C.O.S. 413010

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:
CSF = 0.99948716

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.

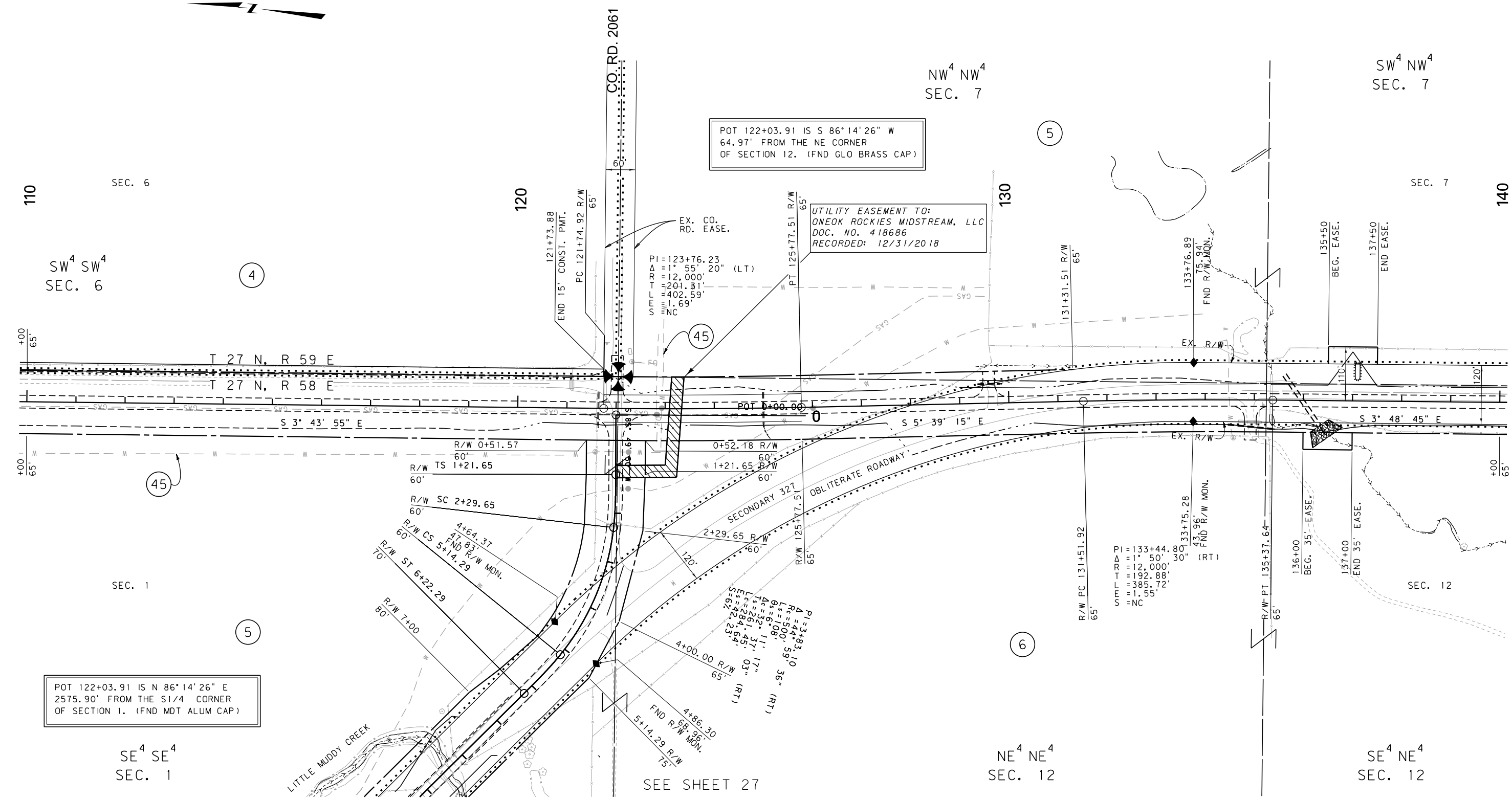
CONSTRUCTION LIMITS		MAP REVISED 10-31-17 11-13-17
CUT SECTION	TOP OF CUT	
TRANSITION		
TOE OF FILL		
BACKSLOPE LIMITS INCLUDE ROUNDING		
FHWA/MDT APPROVAL		1-19-17
3	MDT	C:\DGN\4907\roplnz02.dgn
2	MONTANA DEPARTMENT OF TRANSPORTATION	12/4/2020
1		11:58:16 AM CPS - U0460

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

STATE	RIGHT OF WAY	SHEET	TOTAL
		NO.	SHEETS
MONTANA		7	27
R/W ID.		STPS 327-1(13)1	
PROJECT NO.		4907-013-000	

BAINVILLE - SOUTH

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



FOR EXISTING R/W RETRACEMENT, SEE
C.O.S. 409424, C.O.S. 368808, C.O.S. 413010

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:
CSF = 0.99948716

- 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	MAP REVISED 11-13-17
CUT SECTION	
TRANSITION	
TOE OF FILL	
BACKSLOPE LIMITS INCLUDE ROUNDING	
	FHWA/MDT APPROVAL 1-19-17
3	C:\DGN\4907\roplnz02.dgn
2	12/4/2020
1	11:58:20 AM CPS - U0460

MDT MONTANA DEPARTMENT OF TRANSPORTATION

MONTANA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN

ROOSEVELT COUNTY

SCALE 1"=100'

0 50' 100' 200' 300'

STATE	RIGHT OF WAY	SHEET	TOTAL
MONTANA		NO.	SHEETS
		8	27
R/W ID.	STPS 327-1(13)1		
PROJECT NO.	4907-013-000		

BAINVILLE - SOUTH

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

SW⁴ NW⁴
SEC. 7

NW⁴ SW⁴
SEC. 7

SW⁴ SW⁴
SEC. 7

SE⁴ NE⁴
SEC. 12

NE⁴ SE⁴
SEC. 12

SE⁴ SE⁴
SEC. 12

POT 150+00.00 IS S 8°25' 12" W
159.66' FROM THE E 1/4 CORNER
OF SECTION 12. (FND MDT ALUM CAP)

FOR EXISTING R/W RETRACEMENT, SEE
C.O.S. 409424, C.O.S. 368808, C.O.S. 413010

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:
CSF = 0.99948716

- 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	MAP REVISED
CUT SECTION	
TRANSITION	
TOE OF FILL	
BACKSLOPE LIMITS INCLUDE ROUNDING	
	FHWA/MDT APPROVAL 1-19-17
3	C:\DGN\4907\rop\hz02.dgn
2	12/4/2020
1	11:58:25 AM CPS - U0460



MONTANA DEPARTMENT
OF TRANSPORTATION

MONTANA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
ROOSEVELT COUNTY

SCALE 1"=100'
0 50' 100' 200' 300'

STATE	RIGHT OF WAY	SHEET NO.	TOTAL SHEETS
MONTANA		14	27
R/W ID.		STPS 327-1(13)1	
PROJECT NO.		4907-013-000	

BAINVILLE - SOUTH

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

T. 27 N. R. 59 E.

NW⁴ NW⁴
SEC. 30

NE⁴ NW⁴
SEC. 30

NW⁴ NE⁴
SEC. 30

330

(18)

340

350

PI=340+67.14
Δ=28° 02' 55" (RT)
Rc=1,910'
Ls=189'
θs=2° 50' 05"
Δc=22° 22' 45" (RT)
Ts=571.76'
Lc=746.02'
Es=59.48'
S=7%

SECONDARY 327

EXISTING MDT
CHANNEL CHANGE
EASEMENT
BOOK 590, Pg. 836

TS 334+95.37

SC 336+84.37

CS 344+30.40

ST 346+19.40

ST 346+19.40 IS N 66° 46' 27" W
2223.86' FROM THE E1/4 CORNER
OF SECTION 30. (FND MDT ALUM CAP)

SW⁴ NW⁴
SEC. 30

SE⁴ NW⁴
SEC. 30

SW⁴ NE⁴
SEC. 30

FOR EXISTING R/W RETRACEMENT, SEE
C.O.S. 409424, C.O.S. 368808, C.O.S. 413010

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:
CSF = 0.99946398

- 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	MAP REVISED 11-13-17
CUT SECTION	
TRANSITION	
TOE OF FILL	
BACKSLOPE LIMITS INCLUDE ROUNDING	FHWA/MDT APPROVAL 1-19-17

3	MDT	MONTANA DEPARTMENT OF TRANSPORTATION	C:\DGN\4907\roplnz04.dgn
2			12/4/2020
1			11:59:04 AM CPS - U0460

MONTANA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
ROOSEVELT COUNTY

SCALE 1"=100'
0 50' 100' 200' 300'

STATE	RIGHT OF WAY	SHEET	TOTAL
		NO.	SHEETS
MONTANA		15	27
R/W ID.		STPS 327-1(13)1	
PROJECT NO.		4907-013-000	

BAINVILLE - SOUTH

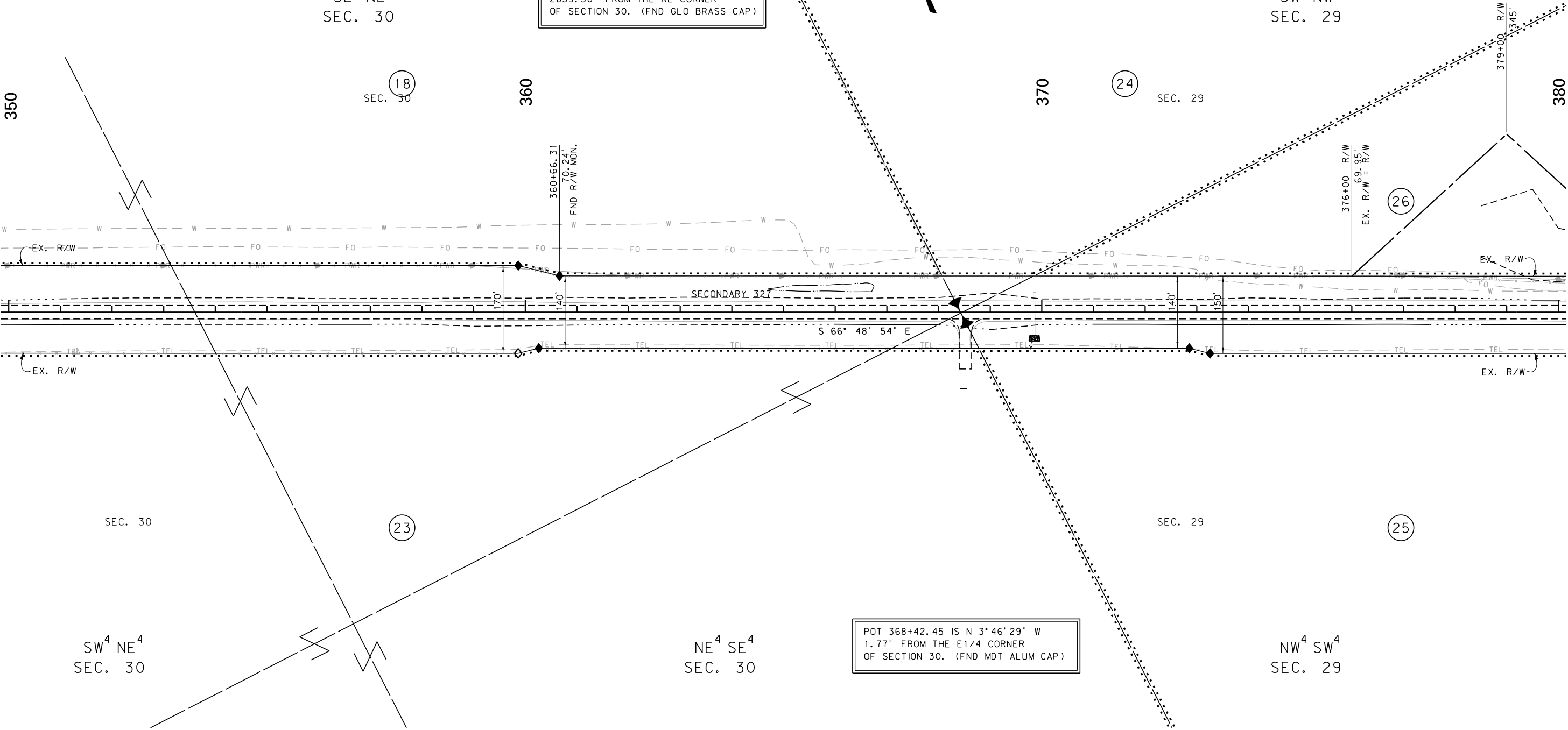
SEE SHEET NO. 2 FOR OWNERSHIP NAMES, ADDRESSES, AREAS, ETC.

SE⁴ NE⁴
SEC. 30

POT 368+42.45 IS S 3°46'29" E
2639.50' FROM THE NE CORNER
OF SECTION 30. (FND GLO BRASS CAP)

SW⁴ NW⁴
SEC. 29

DOWL



FOR EXISTING R/W RETRACEMENT, SEE
C.O.S. 409424, C.O.S. 368808, C.O.S. 413010

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:
CSF = 0.99946398

- 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		MAP REVISED
CUT SECTION	TOP OF CUT	
TRANSITION		
TOE OF FILL		
BACKSLOPE LIMITS INCLUDE ROUNDING		FHWA/MDT APPROVAL 1-19-17
3	MDT	MONTANA DEPARTMENT OF TRANSPORTATION
2		12/4/2020
1		11:59:15 AM CPS - U0460

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

STATE	RIGHT OF WAY	SHEET NO.	TOTAL SHEETS
MONTANA		16	27
R/W ID.	STPS 327-1(13)1		
PROJECT NO.	4907-013-000		

BAINVILLE - SOUTH

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

NE⁴ SW⁴
SEC. 29

NW⁴ SE⁴
SEC. 29

SW⁴ SE⁴
SEC. 29

NW⁴ SW⁴
SEC. 29

SE⁴ SW⁴
SEC. 29

T. 27 N. R. 59 E.

PI=398+11.28
Δ=39° 44' 42" (RT)
Rc=1,910' (RT)
Ls=200'
θs=2° 59' 59"
Δc=33° 44' 44" (RT)
Ts=790.68'
Lc=1,124.93'
Es=121.87'
S=7% FO

390+29.10
END R/W MON.

TS 390+20.60

SC 392+20.60

CS 403+45.53

ST 405+45.53

ST 405+45.53 IS N 25° 16' 55" E
653.88' FROM THE S1/4 CORNER
OF SECTION 29. (FND GLO BRASS CAP)

FOR EXISTING R/W RETRACEMENT, SEE
C.O.S. 409424, C.O.S. 368808, C.O.S. 413010

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:
CSF = 0.99946398

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

FHWA/MDT APPROVAL

1-19-17

C:\DGN\4907\roplnz05.dgn
12/4/2020
11:59:20 AM CPS - U0460

3
2
1

MDT MONTANA DEPARTMENT
OF TRANSPORTATION

MONTANA DEPARTMENT OF TRANSPORTATION

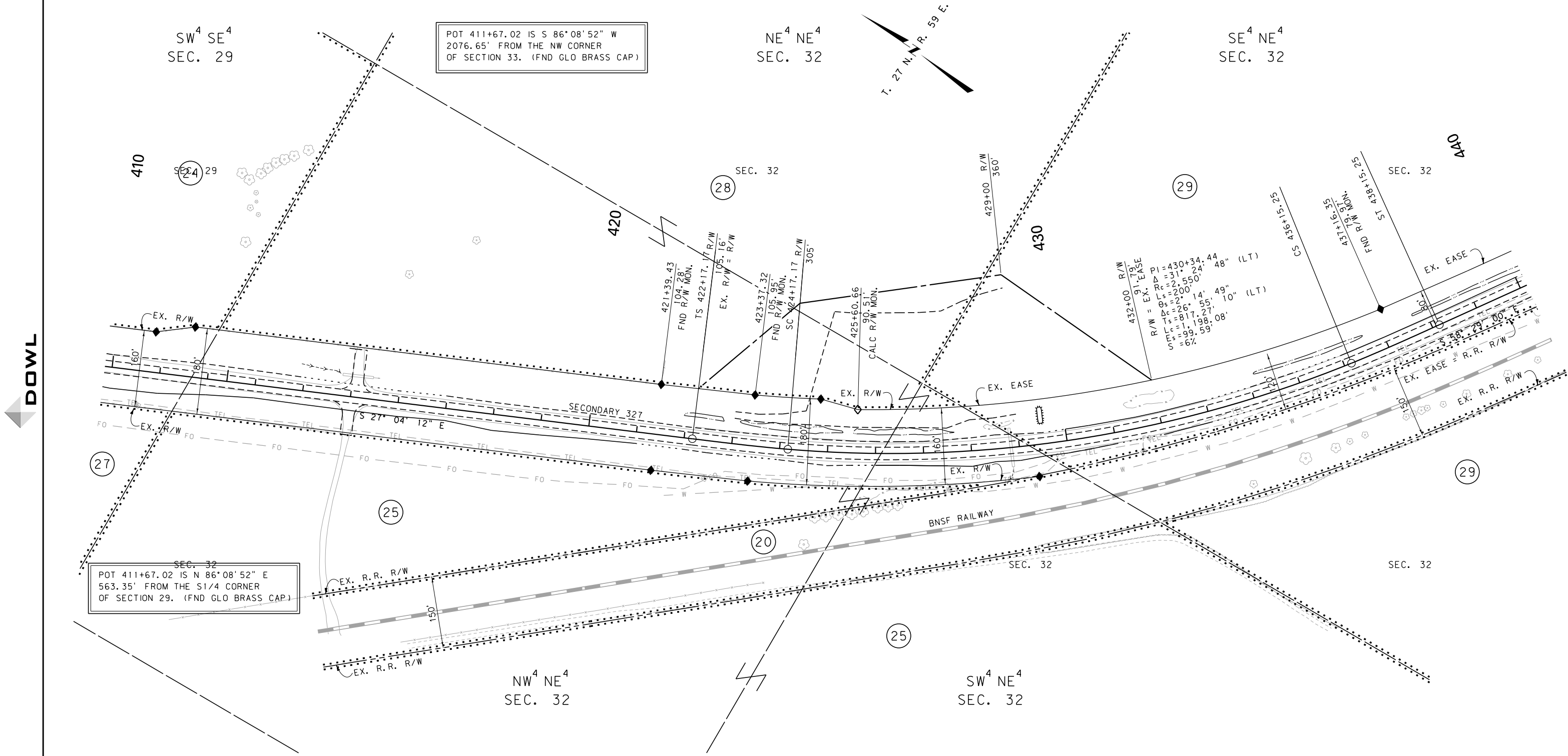
RIGHT OF WAY PLAN
ROOSEVELT COUNTY

SCALE 1"=100'
0 50' 100' 200' 300'

STATE	RIGHT OF WAY	SHEET NO.	TOTAL SHEETS
MONTANA		17	27
R/W ID.		STPS 327-1(13)1	
PROJECT NO.		4907-013-000	

BAINVILLE - SOUTH

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



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

MAP REVISED
FHWA/MDT APPROVAL
1-19-17

3
2
1

MDT
MONTANA DEPARTMENT
OF TRANSPORTATION

C:\DGN\4907\roplnz05.dgn
12/4/2020
11:59:24 AM
CPS - U0460

- 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
C.O.S. 409424, C.O.S. 368808, C.O.S. 413010

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:
CSF = 0.99946398

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

STATE	RIGHT OF WAY	SHEET	TOTAL
		NO.	SHEETS
MONTANA		18	27
R/W ID.		STPS 327-1(13)1	
PROJECT NO.		4907-013-000	

BAINVILLE - SOUTH

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

POT 446+37.85 IS S 3°46'58" E
2665.41' FROM THE NW CORNER
OF SECTION 33. (FND GLO BRASS CAP)

SW⁴ NW⁴
SEC. 33

NE⁴ SW⁴
SEC. 33

SE⁴ NE⁴
SEC. 32

450

SEC. 33

30

460

SEC. 33

470

PC 467+67.35
PI = 469+30.82
Δ = 3° 16' 06" (LT)
R = 5,730'
T = 163.47'
L = 326.86'
S = 3%

EX. EASE

EX. R/W

SECONDARY 327

20

BNSF RAILWAY

EX. R/W

EX. R/W = R.R. R/W

EX. R.R. R/W

SEC. 32

SEC. 33

SEC. 33

SE⁴ SW⁴
SEC. 33

SW⁴ SW⁴
SEC. 33

POT 446+37.85 IS N 3°46'58" W
2615.77' FROM THE NW CORNER
OF SECTION 4. (FND GLO BRASS CAP)

FOR EXISTING R/W RETRACEMENT, SEE
C.O.S. 409424, C.O.S. 368808, C.O.S. 413010

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:
CSF = 0.99946398

- 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.

MONTANA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
ROOSEVELT COUNTY

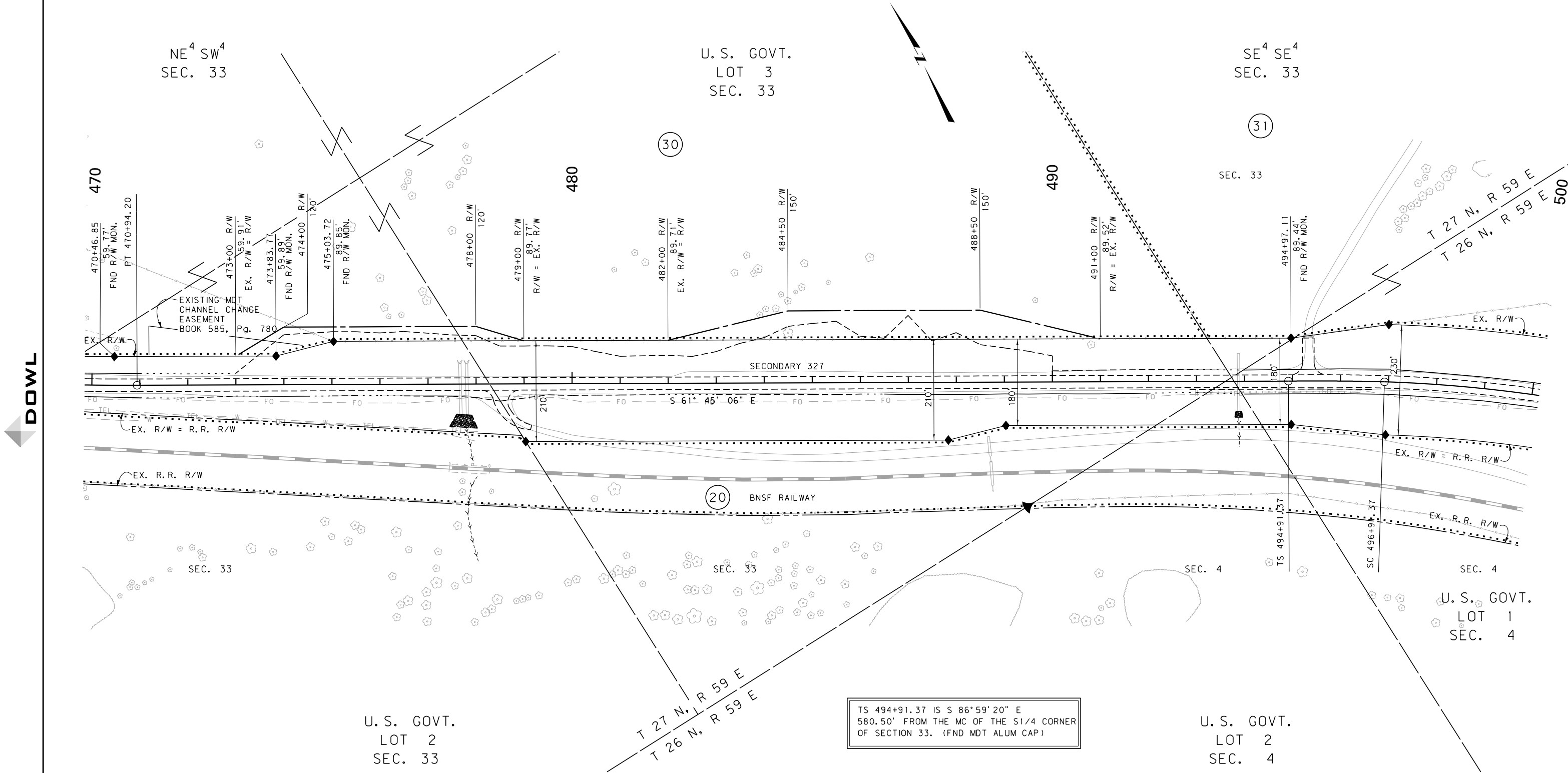
SCALE 1"=100'
0 50' 100' 200' 300'

CONSTRUCTION LIMITS		MAP REVISED	
CUT SECTION	TOP OF CUT		
TRANSITION			
TOE OF FILL			
BACKSLOPE LIMITS INCLUDE ROUNDING		FHWA/MDT APPROVAL 1-19-17	
3	MDTA	MONTANA DEPARTMENT OF TRANSPORTATION	C:\DGN\4907\rop\hz06.dgn
2			12/4/2020
1			11:59:35 AM CPS - U0460

STATE	RIGHT OF WAY	SHEET	TOTAL
		NO.	SHEETS
MONTANA		19	27
R/W ID.		STPS 327-1(13)1	
PROJECT NO.		4907-013-000	

BAINVILLE - SOUTH

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



TS 494+91.37 IS S 86° 59' 20\"/>

FOR EXISTING R/W RETRACEMENT, SEE
C.O.S. 409424, C.O.S. 368808, C.O.S. 413010

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:
CSF = 0.99946398

- 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	MAP REVISED
CUT SECTION	
TRANSITION	
TOE OF FILL	
BACKSLOPE LIMITS INCLUDE ROUNDING	
	FHWA/MDT APPROVAL 1-19-17
3	C:\DGN\4907\rop\hz06.dgn
2	12/4/2020
1	11:59:39 AM CPS - U0460



MONTANA DEPARTMENT
OF TRANSPORTATION

MONTANA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
ROOSEVELT COUNTY

SCALE 1"=100'
0 50' 100' 200' 300'

STATE	RIGHT OF WAY	SHEET	TOTAL
		NO.	SHEETS
MONTANA		20	27
R/W ID.		STPS 327-1(13)1	
PROJECT NO.		4907-013-000	

BAINVILLE - SOUTH

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

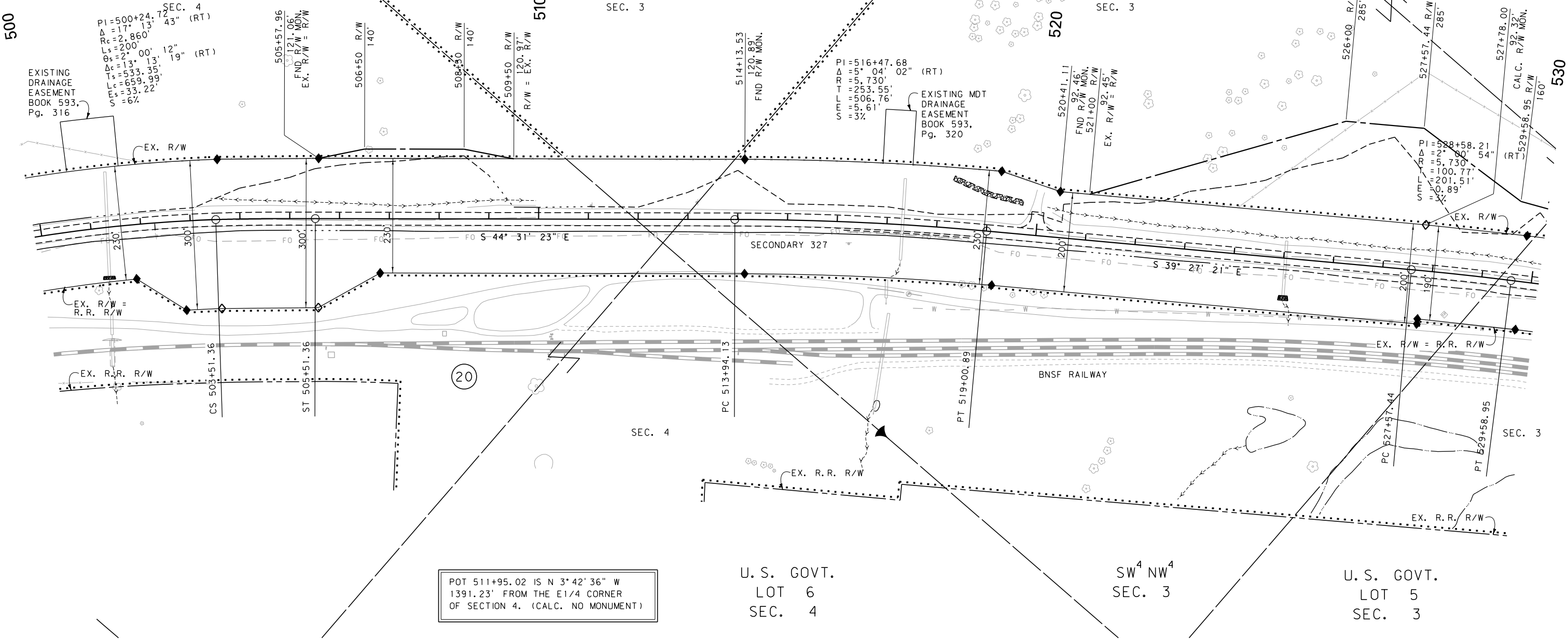
U. S. GOVT.
LOT 1
SEC. 4

POT 511+95.02 IS S 3°42'08" E
1246.33' FROM THE SE CORNER
OF SECTION 33. (CALC. NO MONUMENT)

U. S. GOVT.
LOT 4
SEC. 3

T. 26 N. R. 59 E.

SE⁴NW⁴
SEC. 3



STATE	RIGHT OF WAY	SHEET	TOTAL
		NO.	SHEETS
MONTANA		21	27
R/W ID.		STPS 327-1(13)1	
PROJECT NO.		4907-013-000	

BAINVILLE - SOUTH

SW⁴ SE⁴
SEC. 3

NE⁴ SW⁴
SEC. 3

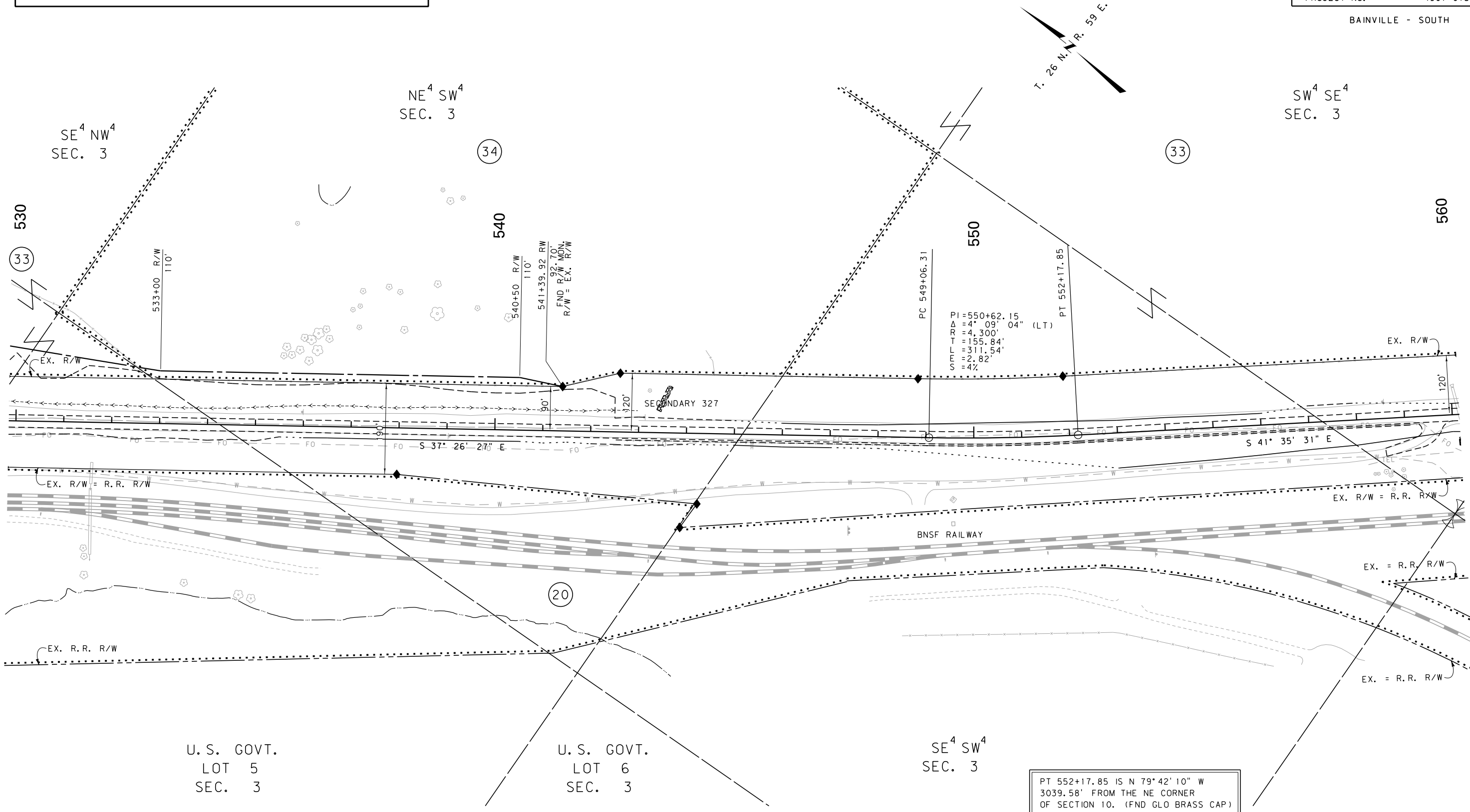
SE⁴ NW⁴
SEC. 3

SE⁴ SW⁴
SEC. 3

U. S. GOVT.
LOT 5
SEC. 3

U. S. GOVT.
LOT 6
SEC. 3

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



FOR EXISTING R/W RETRACEMENT, SEE
C.O.S. 409424, C.O.S. 368808, C.O.S. 413010

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:
CSF = 0.99946398

- 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	
FHWA/MDT APPROVAL	
1-19-17	
C:\DGN\4907\roplnz07.dgn	
12/4/2020	
11:59:55 AM CPS - U0460	

MDT MONTANA DEPARTMENT OF TRANSPORTATION

MONTANA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
ROOSEVELT COUNTY

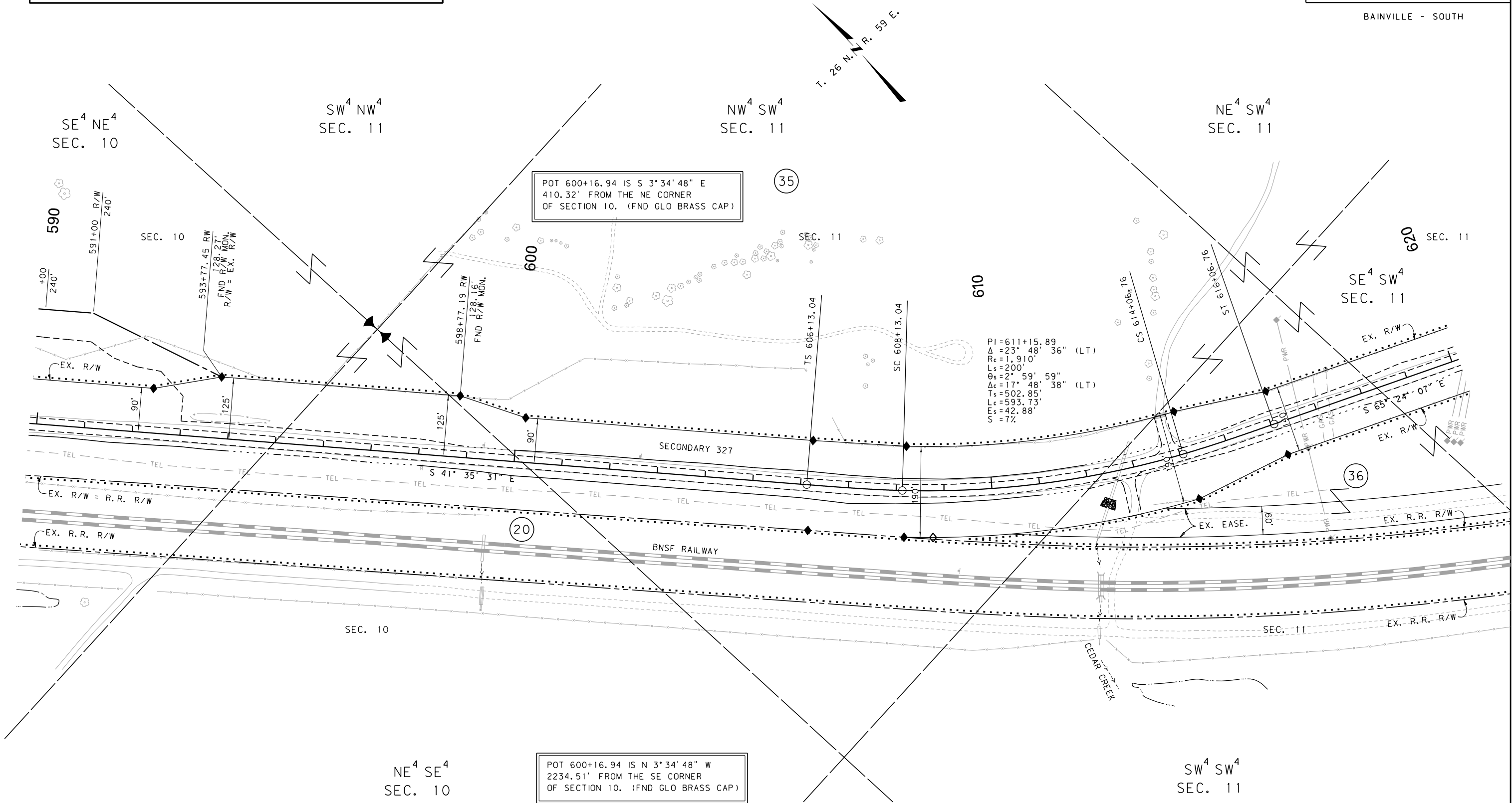
SCALE 1"=100'
0 50' 100' 200' 300'

STATE	RIGHT OF WAY	SHEET	TOTAL
		NO.	SHEETS
MONTANA		23	27
R/W ID.		STPS 327-1(13)1	
PROJECT NO.		4907-013-000	

BAINVILLE - SOUTH

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

DOWL



FOR EXISTING R/W RETRACEMENT, SEE
C.O.S. 409424, C.O.S. 368808, C.O.S. 413010

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:
CSF = 0.99946398

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	MAP REVISED
CUT SECTION	
TRANSITION	
TOE OF FILL	
BACKSLOPE LIMITS INCLUDE ROUNDING	
	FHWA/MDT APPROVAL
	1-19-17
3	C:\DGN\4907\roplnz07.dgn
2	12/4/2020
1	12:00:04 PM CPS - U0460



MONTANA DEPARTMENT
OF TRANSPORTATION

MONTANA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN ROOSEVELT COUNTY

SCALE 1"=100'



STATE	RIGHT OF WAY	SHEET	TOTAL
		NO.	SHEETS
MONTANA		24	27
R/W ID.		STPS 237-1(13)1	
PROJECT NO.		4907-013-000	

BAINVILLE - SOUTH

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

POT 636+17.12 IS S 86°15'59" W
2510.04' FROM THE NE CORNER
OF SECTION 14. (FND GLO BRASS CAP)

PI=641+97.00
Δ=60°23'28" (RT)
Rc=160'
Ls=200'
Ds=7'
Dc=45.32' 20"
Ts=53.48' 48"
Lc=601.47'
S=121.85'
E=87.85' (RT)

POT 636+17.12 IS N 86°15'59" E
138.28' FROM THE N1/4 CORNER
OF SECTION 14. (FND GLO BRASS CAP)

FOR EXISTING R/W RETRACEMENT, SEE
C.O.S. 409424, C.O.S. 368808, C.O.S. 413010

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:
CSF = 0.99946398

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
TRANSITION
TOE OF FILL
BACKSLOPE LIMITS
INCLUDE ROUNDING

MAP REVISED

FHWA/MDT APPROVAL
1-19-17

C:\DGN\4907\roplnz08.dgn
12/4/2020
12:00:19 PM CPS - U0460

MDT

MONTANA DEPARTMENT
OF TRANSPORTATION

MONTANA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN ROOSEVELT COUNTY

SCALE 1"=100'

0 50' 100' 200' 300'

STATE	RIGHT OF WAY	SHEET NO.	TOTAL SHEETS
MONTANA		25	27
R/W ID.		STPS 237-1(13)1	
PROJECT NO.		4907-013-000	

BAINVILLE - SOUTH

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

POT 679+05.35 IS S 4°51'19" E
47.58' FROM THE E1/4 CORNER
OF SECTION 14. (FND MDT ALUM CAP)

ADDITION TO TOWNSITE
OF MONDAK

SW⁴ NW⁴
SEC. 13
BLK 9

BLK 5

SE⁴ NE⁴
SEC. 14

SEC. 14

SEC. 13

EX. R.R. R/W

BNSF RAILWAY

PARCEL B
PLAT NO. 400A

ADDITION TO TOWNSITE
OF MONDAK

PARCEL D
PLAT NO. 400A

PARCEL A
PLAT NO. 400A

PARCEL C
PLAT NO. 400A

SEC. 14

POT 679+05.35 IS N 4°51'19" W
5238.96' FROM THE E1/4 CORNER
OF SECTION 23. (FND MDT ALUM CAP)

U. S. GOVT.
LOT 1
SEC. 14

FOR EXISTING R/W RETRACEMENT, SEE
C.O.S. 409424, C.O.S. 368808, C.O.S. 413010

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:
CSF = 0.99946398

- 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.

MONTANA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN ROOSEVELT COUNTY

SCALE 1"=100'

0 50' 100' 200' 300'

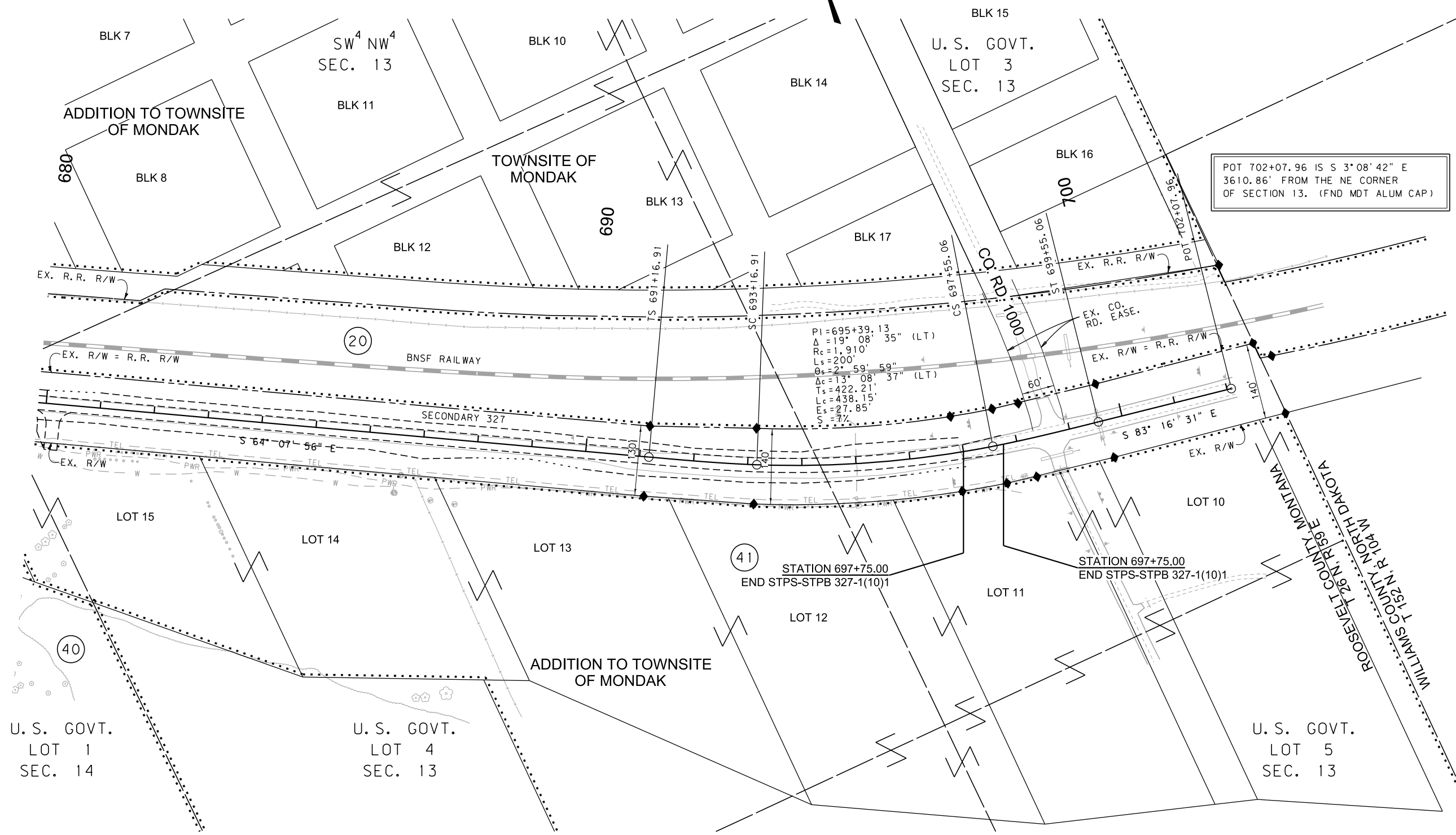
CONSTRUCTION LIMITS	MAP REVISED
CUT SECTION	
TRANSITION	
TOE OF FILL	
BACKSLOPE LIMITS INCLUDE ROUNDING	
	FHWA/MDT APPROVAL 1-19-17
3	C:\DGN\4907\roplnz08.dgn
2	12/4/2020
1	12:00:24 PM CPS - U0460

MDT MONTANA DEPARTMENT
OF TRANSPORTATION

STATE	RIGHT OF WAY	SHEET NO.	TOTAL SHEETS
MONTANA		26	27
R/W ID.		STPS 237-1(13)1	
PROJECT NO.		4907-013-000	

BAINVILLE - SOUTH

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



DOWL

CONSTRUCTION LIMITS	MAP REVISED
CUT SECTION	
TRANSITION	
TOE OF FILL	
BACKSLOPE LIMITS INCLUDE ROUNDING	
	FHWA/MDT APPROVAL 1-19-17
3	C:\DGN\4907\roplnz08.dgn
2	12/4/2020
1	12:00:28 PM CPS - U0460

- 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 C.O.S. 409424, C.O.S. 368808, C.O.S. 413010

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:

CSF = 0.99946398

MONTANA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN

ROOSEVELT COUNTY

SCALE 1"=100'

0 50' 100' 200' 300'

STATE	RIGHT OF WAY	SHEET	TOTAL
		NO.	SHEETS
MONTANA		27	27
R/W ID.		STPS 237-1(13)1	
PROJECT NO.		4907-013-000	

BAINVILLE - SOUTH

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

NE⁴ NE⁴
SEC. 12

SW⁴ SE⁴
SEC. 1

SE⁴ SW⁴
SEC. 1

6

42

20

20

STATION 0+00.00
STATION 122+02.13 RT.
REG. COUNTY ROAD

UTILITY EASEMENT TO:
ONEOK ROCKIES MIDSTREAM, LLC
DOC. NO. 418686
RECORDED: 12/31/2018

ST 6+22.29 IS N 77°50'07" W
673.11' FROM THE NE CORNER
OF SECTION 12. (FND GLO BRASS CAP)

ST 6+22.29 IS N 80°56'53" E
2002.12' FROM THE S1/4 CORNER
OF SECTION 1. (FND MDT ALUM CAP)

PI=23+90.32
Δ=58°55'39" (LT)
Rc=1,200'
Ls=154'
θs=3°40'35"
Δc=51°34'28" (LT)
Ts=755.38'
Lc=1,080.17'
Es=179.20'
S=7%

PI=3+83.10
Δ=44°59'36" (RT)
Rc=500'
Ls=108'
θs=6°11'17" (RT)
Δc=32°37'03" (RT)
Ts=261.45'
Lc=284.64'
Es=42.23'
S=6%

STATION 16+30.00
END COUNTY ROAD

SW⁴ SW⁴
SEC. 6

SE⁴ SE⁴
SEC. 1

NW⁴ SE⁴
SEC. 1

SEE SHEET 7

FOR EXISTING R/W RETRACEMENT, SEE
C.O.S. 409424, C.O.S. 368808, C.O.S. 413010

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:
CSF = 0.99948716

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
TRANSITION
TOE OF FILL
BACKSLOPE LIMITS
INCLUDE ROUNDING

MAP REVISED

FHWA/MDT APPROVAL
1-19-17

3
2
1

MDT

MONTANA DEPARTMENT
OF TRANSPORTATION

C:\DGN\4907\roplnz09.dgn

12/4/2020

12:00:39 PM

CPS - U0460

MONTANA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN ROOSEVELT COUNTY

SCALE 1"=100'

0 50' 100' 200' 300'