

MONTANA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN

FEDERAL AID PROJECT NO. STPP 14-1(33)12

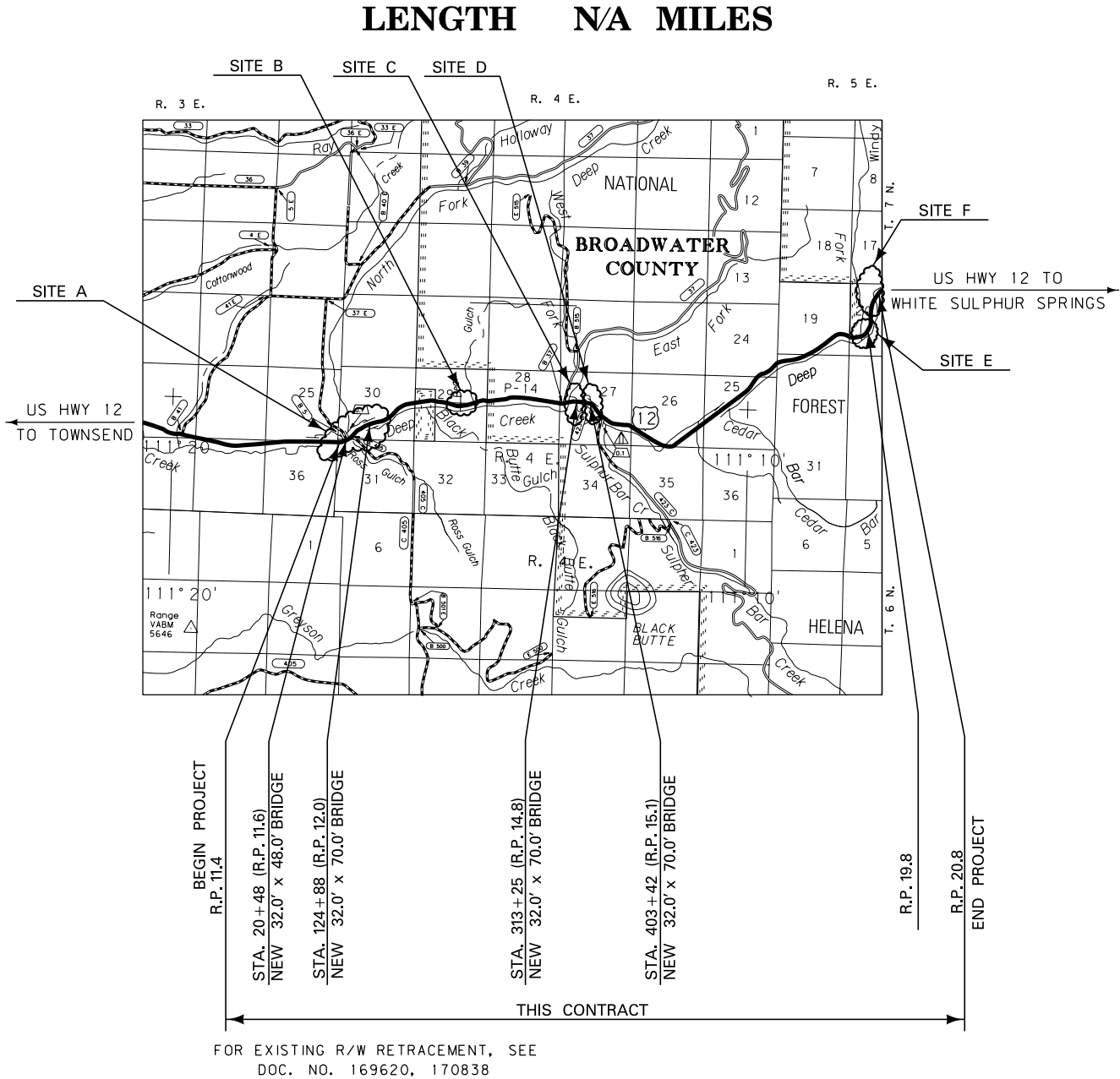
DEEP CRK IMPROVEMENTS/MT11-1

BROADWATER COUNTY

STATE	RIGHT OF WAY	SHEET	TOTAL
MONTANA		NO.	SHEETS
		1	11
R/W ID.		STPP 14-1(33)12	
PROJECT NO.		7750-033-002	
DEEP CRK IMPROVEMENTS/MT11-1			

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	EFAC EFAC
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, CH
DITCH BLOCK	---
RIPRAP	---
BRIDGES	---
RAILROADS	---
PARCEL NUMBERS	---
APPROACH: EXIST.-PROPOSED	---

ASSOCIATED PROJECTS	
STPP-ER 14-(27)11(PE)	
RELATED PROJECTS	
STPP-14-1(27)12	
NR-31-A1:B1 + 31-B2	



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 0.99924493, 0.99921859, 0.99919620

CONSTRUCTION LIMITS	MAP REVISED 10/31/14
CUT SECTION	---
TRANSITION	---
TOE OF FILL	---
BACKSLOPE LIMITS	---
INCLUDE ROUNDING	---
FHWA/MDT APPROVAL 8/8/14	
3	MDTA MONTANA DEPARTMENT OF TRANSPORTATION
2	12/18/2014
1	2:19:38 PM CPS-U0034

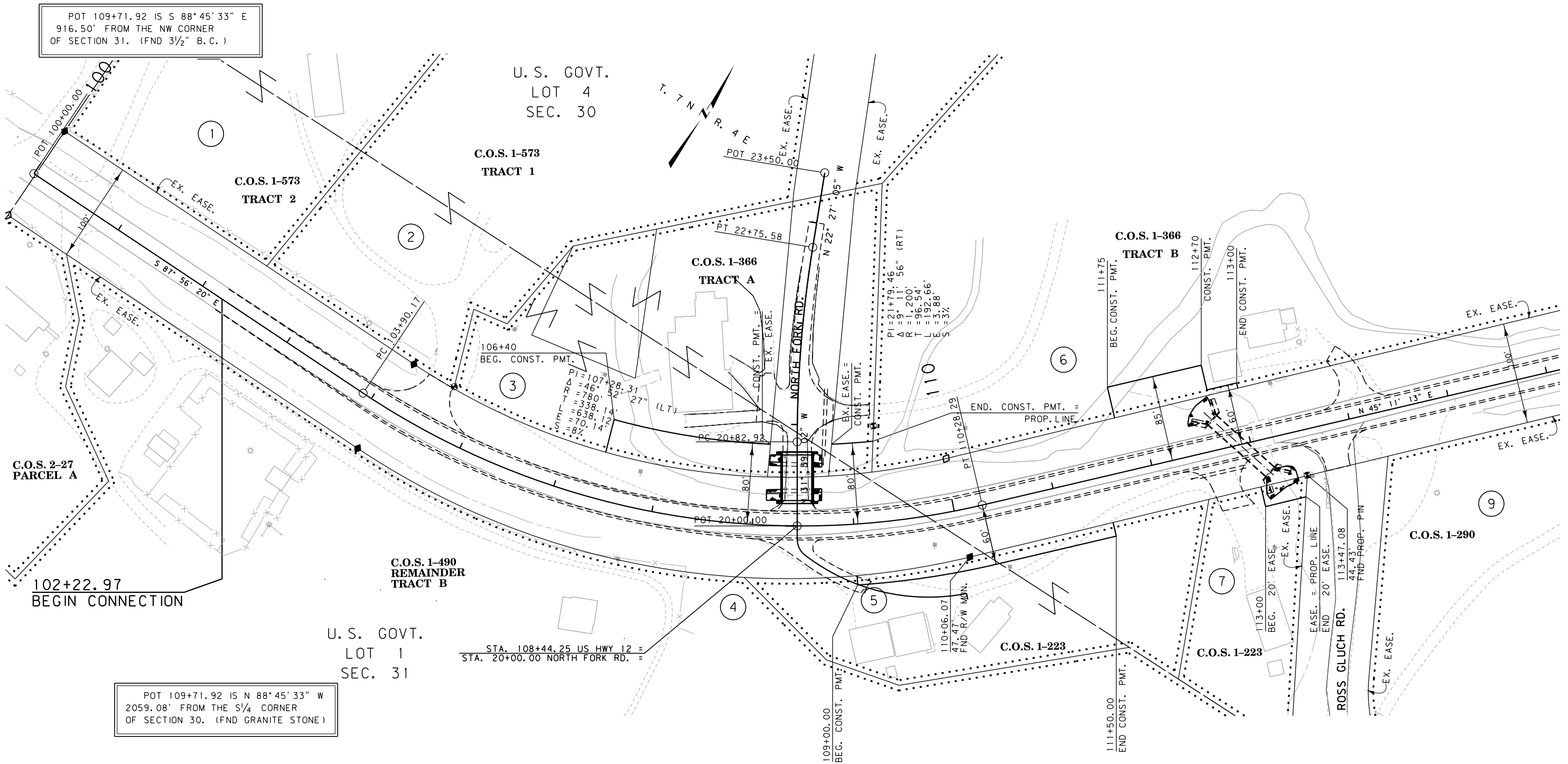


STATE	RIGHT OF WAY	SHEET NO.	TOTAL SHEETS
MONTANA		3	11
R/W ID.		STPP 14-1(33)12	
PROJECT NO.		7750-033-002	

DEEP CRK IMPROVEMENTS/MT11-1

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

MORRISON  
MAERLE, INC.  
A Professional Engineering Company



CONSTRUCTION LIMITS	MAP REVISED 10/31/14
CUT SECTION	
TRANSITION	
TOE OF FILL	
BACKSLOPE LIMITS	
INCLUDE ROUNDING	
	FHWA/MDT APPROVAL 8/8/14
3	MDTA MONTANA DEPARTMENT OF TRANSPORTATION
2	12/18/2014
1	2:20:04 PM CPS-U0034

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 DOC. NO. 169620, 170838

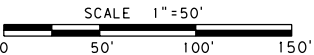
#### GRID STATE PLANE COORDINATES

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THE COMBINATION SCALE FACTOR IS 0.99924493

#### SITE A

MONTANA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN  
BROADWATER COUNTY

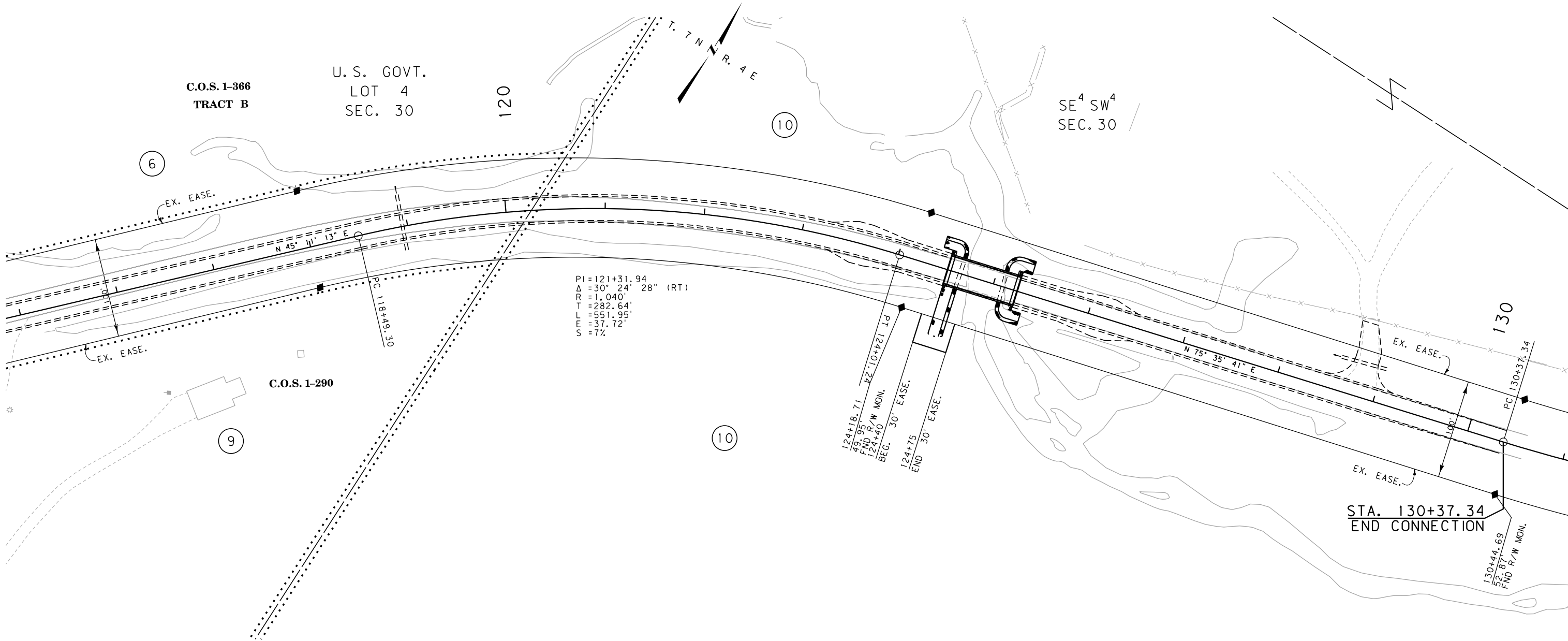


STATE	RIGHT OF WAY	SHEET	TOTAL
		NO.	SHEETS
MONTANA		4	11
R/W ID.		STPP 14-1(33)12	
PROJECT NO.		7750-033-002	

DEEP CRK IMPROVEMENTS/MT11-1

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

MORRISON  
MAIERLE, INC.  
A Professional Surveying Company



FOR EXISTING R/W RETRACEMENT, SEE  
DOC. NO. 169620

GRID STATE PLANE COORDINATES

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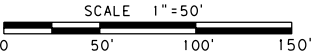
- NOTES:
1. THE PROPOSED R/W LINE WHERE A SPIRAL CURVE TRANSITION IS USED IS A CHORD RATHER THAN A CONCENTRIC CURVE.
  2. ALL STATIONS AND OFFSETS FOR R/W BREAKS ARE IN REFERENCE TO THE R/W BASELINE.

CONSTRUCTION LIMITS		MAP REVISED 10/31/14	
CUT SECTION	TOP OF CUT		
TRANSITION			
TOE OF FILL			
BACKSLOPE LIMITS INCLUDE ROUNDING		FHWA/MDT APPROVAL 8/8/14	
3	MDT★ MONTANA DEPARTMENT OF TRANSPORTATION	c:\dgn\7750002\rop\haz01.dgn	
2		12/18/2014	
1		2:20:08 PM CPS - U0034	

SITE A

MONTANA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN  
BROADWATER COUNTY



STATE	RIGHT OF WAY	SHEET	TOTAL
		NO.	SHEETS
MONTANA		5	11
R/W ID.		STPP 14-1(33)12	
PROJECT NO.		7750-033-002	

DEEP CRK IMPROVEMENTS/MT11-1

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

POC 134+41.82 IS S 01°22'48" W  
1385.95' FROM THE C<sup>1</sup>/<sub>4</sub> CORNER  
OF SECTION 30. (FND 3<sup>1</sup>/<sub>4</sub>" A.C.)

NE<sup>4</sup> SW<sup>4</sup>  
SEC. 30

NW<sup>4</sup> SE<sup>4</sup>  
SEC. 30

SE<sup>4</sup> SW<sup>4</sup>  
SEC. 30

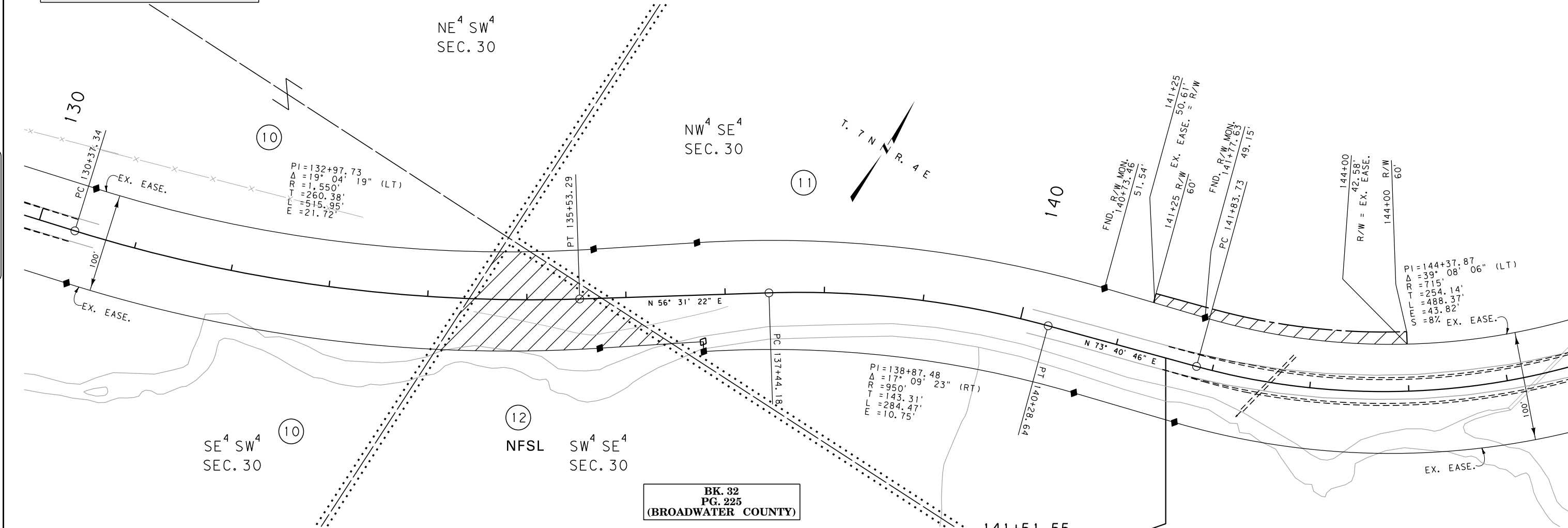
NFSL SW<sup>4</sup> SE<sup>4</sup>  
SEC. 30

BK. 32  
PG. 225  
(BROADWATER COUNTY)

POC 134+41.82 IS N 01°22'48" E  
1239.92' FROM THE S<sup>1</sup>/<sub>4</sub> CORNER  
OF SECTION 30. (FND GRANITE STONE)

141+51.55  
BEGIN CONNECTION

MORRISON  
MAERLE, INC.  
A Professional Surveying Company



CONSTRUCTION LIMITS	MAP REVISED 10/31/14 11/17/14
CUT SECTION	
TRANSITION	
TOE OF FILL	
BACKSLOPE LIMITS INCLUDE ROUNDING	FHWA/MDT APPROVAL 8/8/14

3	MDT	MONTANA DEPARTMENT OF TRANSPORTATION	c:\dgn\7750002\rop\h201.dgn
2			12/18/2014
1			2:20:12 PM CPS - U0034

- 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  
DOC. NO. 169620, 170838

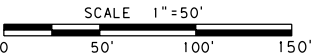
GRID STATE PLANE COORDINATES

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SITE A

MONTANA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN  
BROADWATER COUNTY

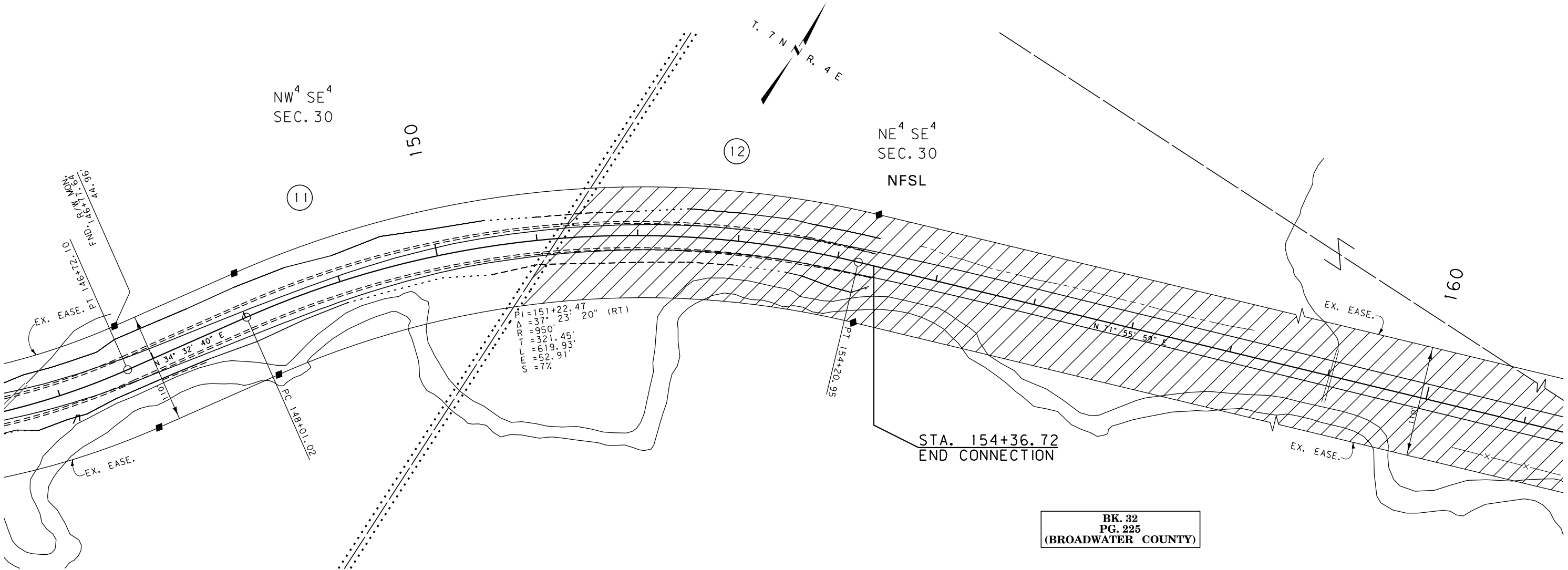


STATE	RIGHT OF WAY	SHEET	TOTAL
		NO.	SHEETS
MONTANA		6	11
R/W ID.		STPP 14-1(33)12	
PROJECT NO.		7750-033-002	

DEEP CRK IMPROVEMENTS/MT11-1

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

MORRISON  
MAIERLE, INC.  
A Professional Surveying Company



FOR EXISTING R/W RETRACEMENT, SEE  
DOC. NO. 170838

GRID STATE PLANE COORDINATES

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DIMENSIONS, DISTANCES AND AREAS ON THIS PROJECT  
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DIMENSION, WHICH IS RECORD.  
THE COMBINATION SCALE FACTOR IS 0.99924493

- 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 10/31/14 11/17/14	
CUT SECTION	TOP OF CUT		
TRANSITION			
TOE OF FILL			
BACKSLOPE LIMITS INCLUDE ROUNDING		FHWA/MDT APPROVAL 8/8/14	
3	MDT★ MONTANA DEPARTMENT OF TRANSPORTATION	c:\dgn\7750002\rop\h2.dgn	
2		12/18/2014	
1		2:20:23 PM CPS - U0034	

SITE A

MONTANA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN  
BROADWATER COUNTY

SCALE 1" = 50'  
0 50' 100' 150'

STATE	RIGHT OF WAY	SHEET	TOTAL
		NO.	SHEETS
MONTANA		7	11
R/W ID.		STPP 14-1(33)12	
PROJECT NO.		7750-033-002	

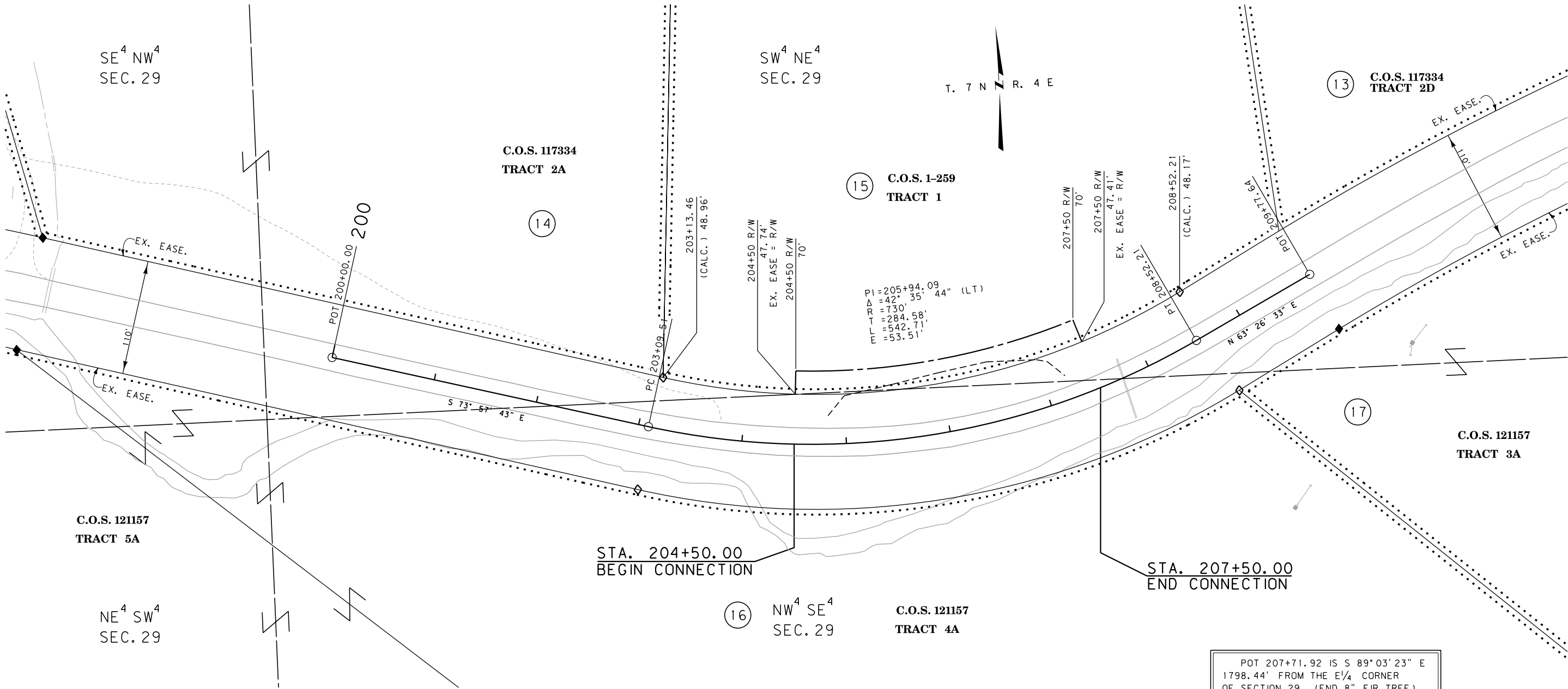
DEEP CRK IMPROVEMENTS/MT11-1

PT 207+71.92 IS S 89°03'23" E  
3459.30' FROM THE NE CORNER  
OF SECTION 29. (FND 3¼" B.C.)

POT 207+71.92 IS S 89°03'23" E  
1798.44' FROM THE E¼ CORNER  
OF SECTION 29. (FND 8" FIR TREE)

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

MORRISON  
MAIERLE, INC.  
A Professional Land Surveying Company



STA. 204+50.00  
BEGIN CONNECTION

STA. 207+50.00  
END CONNECTION

FOR EXISTING R/W RETRACEMENT, SEE  
DOC. NO. 170838

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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 11/17/14	
CUT SECTION	TOP OF CUT		
TRANSITION			
TOE OF FILL			
BACKSLOPE LIMITS INCLUDE ROUNDING		FHWA/MDT APPROVAL 8/8/14	
3	MDTA	MONTANA DEPARTMENT OF TRANSPORTATION	c:\dgn\7750002\rop\h203.dgn
2			12/18/2014
1			2:20:34 PM CPS-U0034

#### SITE B

MONTANA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN  
BROADWATER COUNTY

SCALE 1"=50'  
0 50' 100' 150'

STATE	RIGHT OF WAY	SHEET	TOTAL
		NO.	SHEETS
MONTANA		8	11
R/W ID.		STPP 14-1(33)12	
PROJECT NO.		7750-033-002	

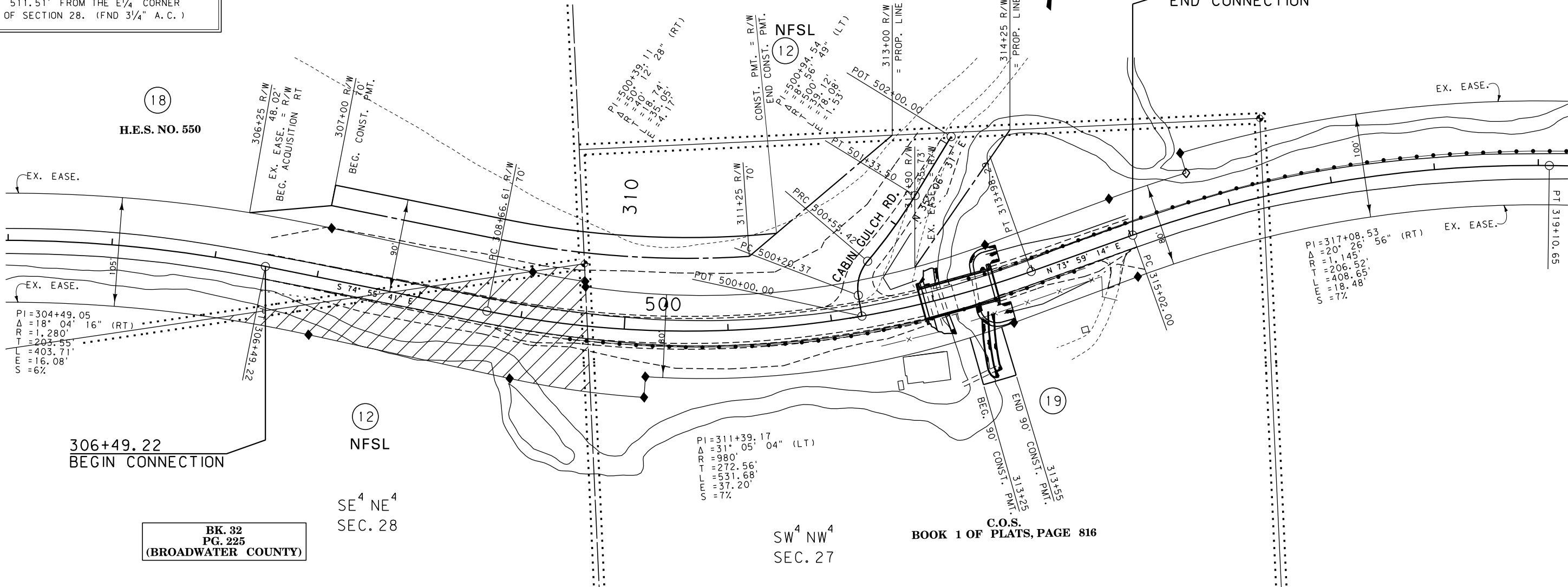
DEEP CRK IMPROVEMENTS/MT11-1

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

PC 308+66.61 IS N 09° 42' 42" W  
511.51' FROM THE E 1/4 CORNER  
OF SECTION 28. (FND 3 1/4" A.C.)

STA. 315+02.00  
END CONNECTION

MORRISON  
MAERLE, INC.  
A Professional Engineering Company



FOR EXISTING R/W RETRACEMENT, SEE  
DOC. NO. 169620

#### GRID STATE PLANE COORDINATES

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DIMENSION, WHICH IS RECORD.  
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#### NOTES:

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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 10/31/14	
CUT SECTION	TOP OF CUT		
TRANSITION			
TOE OF FILL			
BACKSLOPE LIMITS INCLUDE ROUNDING		FHWA/MDT APPROVAL 8/8/14	
3	MDTA	MONTANA DEPARTMENT OF TRANSPORTATION	c:\dgn\7750002\rop\h202.dgn
2			12/18/2014
1			2:20:44 PM CPS - U0034

#### SITE C

MONTANA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN  
BROADWATER COUNTY

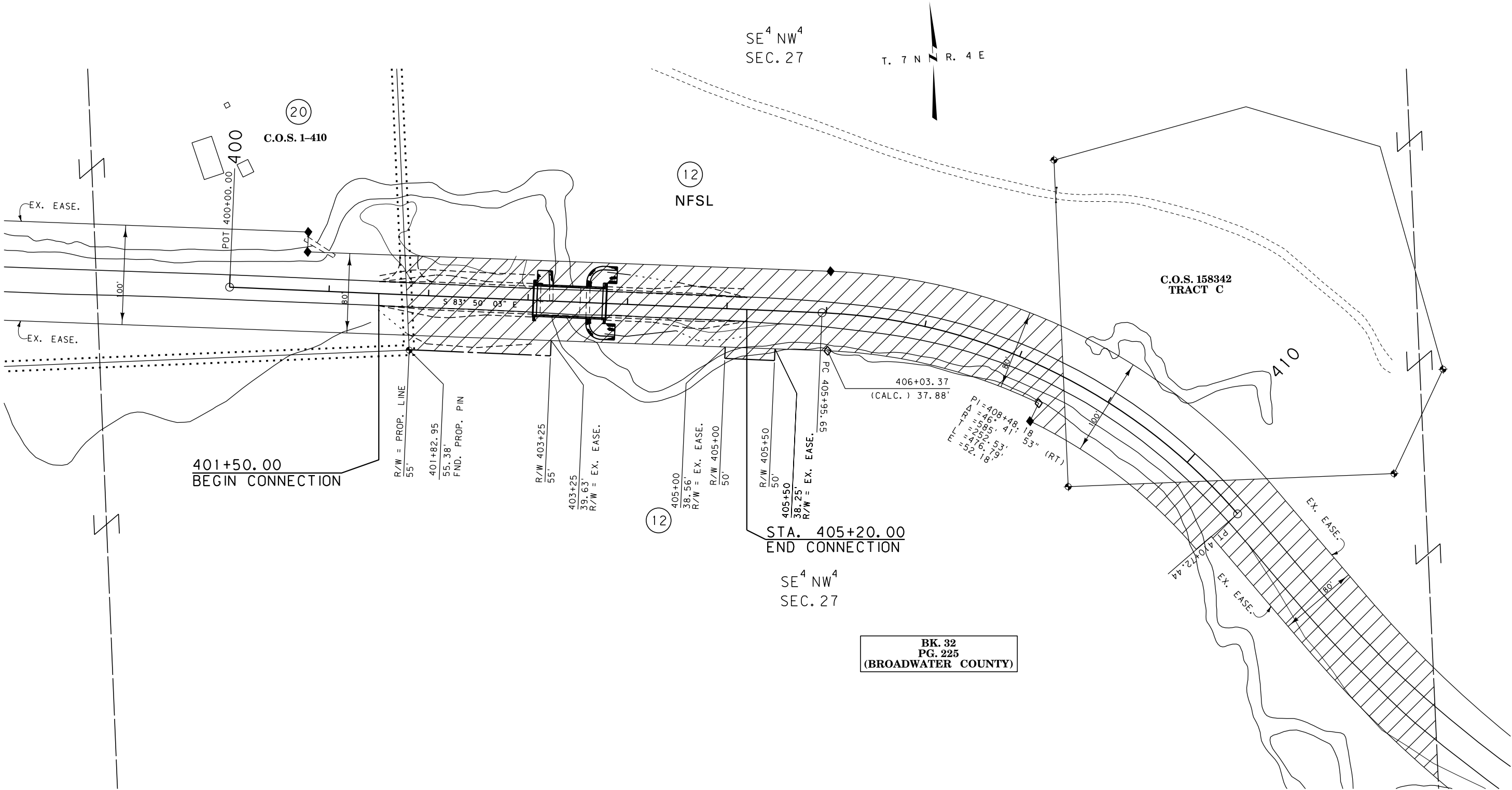
SCALE 1" = 50'  
0 50' 100' 150'



STATE	RIGHT OF WAY	SHEET	TOTAL
		NO.	SHEETS
MONTANA		9	11
R/W ID.		STPP 14-1(33)12	
PROJECT NO.		7750-033-002	

DEEP CRK IMPROVEMENTS/MT11-1

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



BK. 32  
PG. 225  
(BROADWATER COUNTY)

FOR EXISTING R/W RETRACEMENT, SEE  
DOC. NO. 169620

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CONSTRUCTION LIMITS		MAP REVISED 10/31/14 12/17/14	
CUT SECTION	TOP OF CUT		
TRANSITION			
TOE OF FILL			
BACKSLOPE LIMITS INCLUDE ROUNDING		FHWA/MDT APPROVAL 8/8/14	
3	MDT	MONTANA DEPARTMENT OF TRANSPORTATION	c:\dgn\7750002\rop\h202.dgn
2			12/18/2014
1			2:20:48 PM CPS-U0034

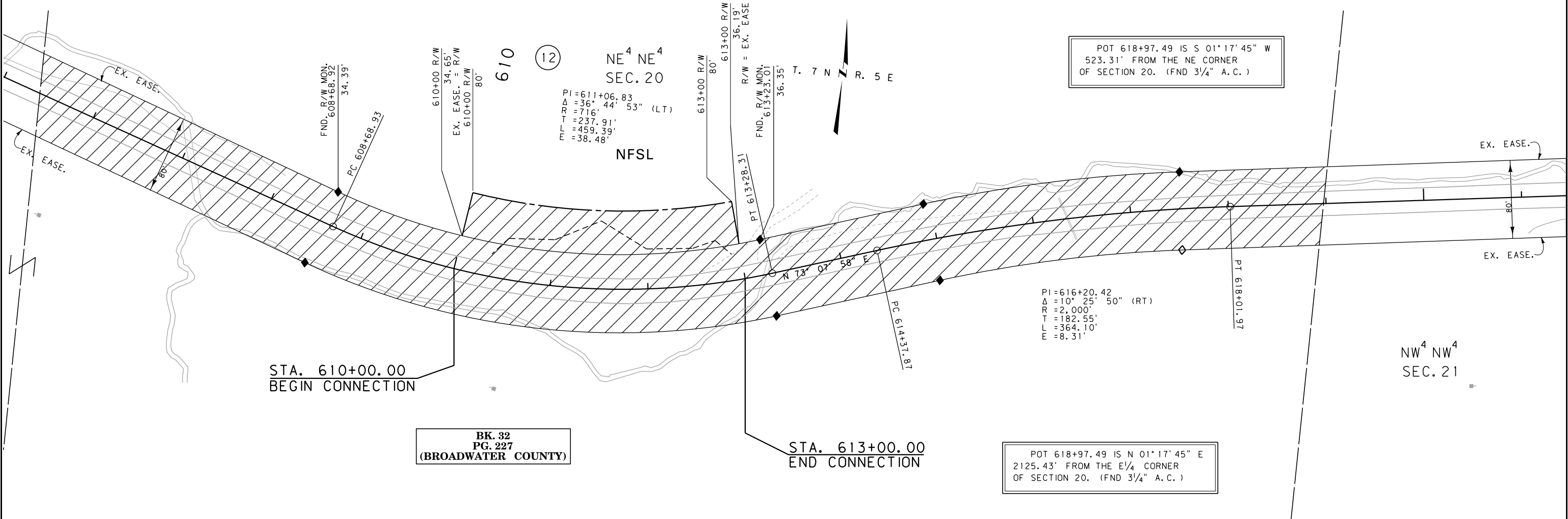
MONTANA DEPARTMENT OF TRANSPORTATION	
RIGHT OF WAY PLAN	
BROADWATER COUNTY	
SCALE 1"=50'	
0 50' 100' 150'	



STATE	RIGHT OF WAY	SHEET	TOTAL
		NO.	SHEETS
MONTANA		11	11
R/W ID.		STPP 14-1(33)12	
PROJECT NO.		7750-033-002	

DEEP CRK IMPROVEMENTS/MT11-1

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



CONSTRUCTION LIMITS

CUT SECTION

TRANSITION

TOE OF FILL

BACKSLOPE LIMITS  
INCLUDE ROUNDING

MAP REVISED 10/31/14

FHWA/MDT APPROVAL  
8/8/14

3

2

1

**MDT**  
MONTANA DEPARTMENT  
OF TRANSPORTATION

c:\dgn\7750002\rop\hzn03.dgn

12/18/2014

2:21:03 PM

CPS - U0034

- NOTES:
1. THE PROPOSED R/W LINE WHERE A SPIRAL CURVE TRANSITION IS USED IS A CHORD RATHER THAN A CONCENTRIC CURVE.
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SITE F

MONTANA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN

BROADWATER COUNTY

SCALE 1"=50'

0

50'

100'

150'