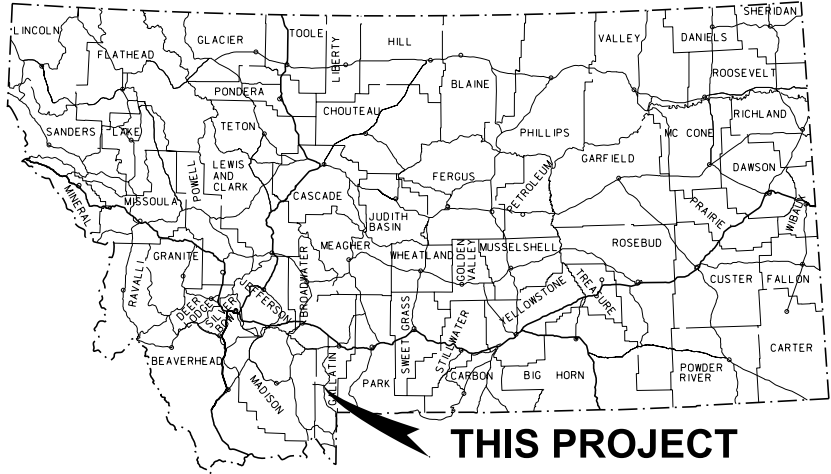


RDROW

MONTANA
CADD

3
2
1



MONTANA DEPARTMENT OF TRANSPORTATION

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	NH 50-1(37)42	1	11
PROJECT NUMBER 2544-037-002			
TURN LANES-GALLATIN CANYON			

RIGHT OF WAY PLAN OF NH 50-1(37)42 TURN LANES - GALLATIN CANYON GALLATIN COUNTY

2.8 Kilometers

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	/// ///
EXISTING ACCESS CONTROL	/// ///
PRESENT TRAVELED WAY (P.T.W.)	---
FENCE LINE	x x
EXISTING GUARDRAIL	- - -
PROPOSED GUARDRAIL	- - -
GATE IN FENCE	x x
CATTLE GUARD: EXIST. - PROPOSED	x x
SECTION CORNER	FOUND UNFOUND
1/4 SECTION CORNER	FOUND UNFOUND
CLOSING CORNER	FOUND UNFOUND
MEANDER CORNER	FOUND UNFOUND
CENTER OF SECTION	FOUND UNFOUND
RIGHT OF WAY MONUMENT	FOUND CALCULATED
PROPERTY CORNER PIN	FOUND
POWER POLE IN PLACE	FOUND
TELEPHONE POLE IN PLACE	FOUND
TELEGRAPH POLE IN PLACE	FOUND
LIGHT POLE	FOUND
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 PROJECT
AGREEMENT NUMBERS

BY	
FHWA/MDT APPROVAL	04/04/2012
MAP REVISED	6/25/12
P.E.	

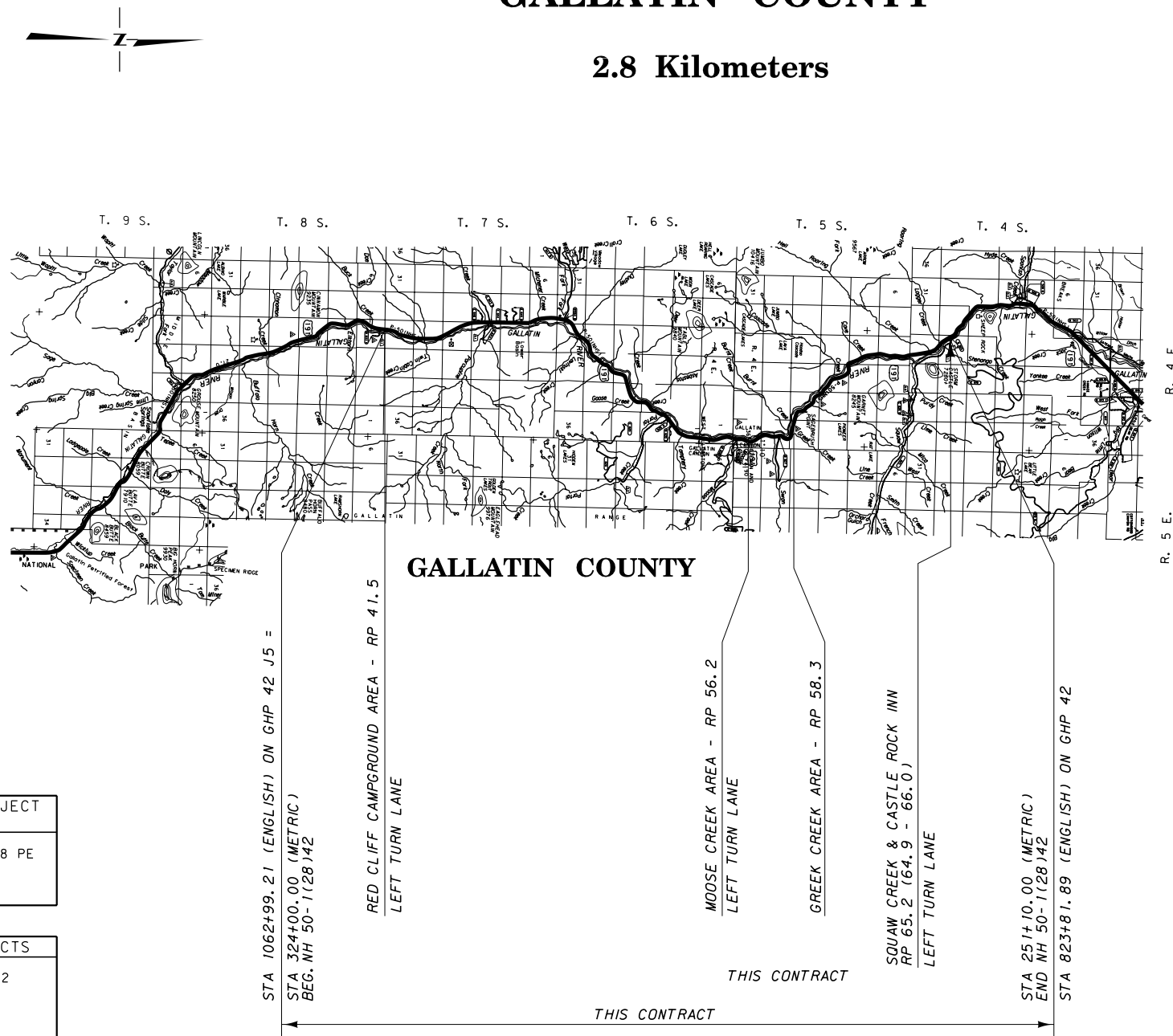
CONTROL NO. 2544002

ASSOCIATED PROJECT
ID.

STPHS 50-1(14)8 PE

RELATED PROJECTS

FHP 42-C4-J2



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

APPROVED RIGHT-OF-WAY PLAT

FOREST ENGINEER

DATE

REVISION DATES

FHWA APPROVAL

FOR EXISTING R/W RETRACEMENT, SEE
C.O.S. 2227

- 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.

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 0.99949884 OR
0.99995309

NOTES: 1. ALL MEASUREMENTS ARE METRIC EXCEPT AS NOTED

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 0.99953097 OR 0.99949885	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.	FOR EXISTING R/W RETRACEMENT, SEE C.O.S. 2227
---	--	--

MONTANA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
GALLATIN COUNTY

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

TS STA 324+41.90 IS N8°38'52"W
562.334m FROM THE S¼ CORNER
OF SECTION 33. (FND BLM BC)

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	NH 50-1(37)42	3	11
PROJECT NUMBER 2544-037-002			

TURN LANES-GALLATIN CANYON
RED CLIFF CAMPGROUND

NFSL

NFSL

NFSL

SE¼ SW¼
SEC. 33

PI = 326+05.70
Δ = 25° 24' 51" (LT)
Rc = 582 m
Ls = 65.00 m
θs = 3° 11' 58"
Δc = 19° 00' 55" (LT)
Ts = 163.80 m
Lc = 193.15 m
S = 8%

TTS
RAE

STA 324+00.00
BEG. NH 50-1(28)42

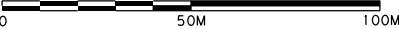
STA. 1062+99.21
ON FHP 42 J5, K1

NFSL

- 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	TOP OF CUT
CONSTRUCTION LIMITS: CUT SECTION	DITCH BOTTOM
TOE OF FILL	
FHWA/DOT APPROVAL 04/04/12	
MAP REVISED 6/25/12 10/4/12	

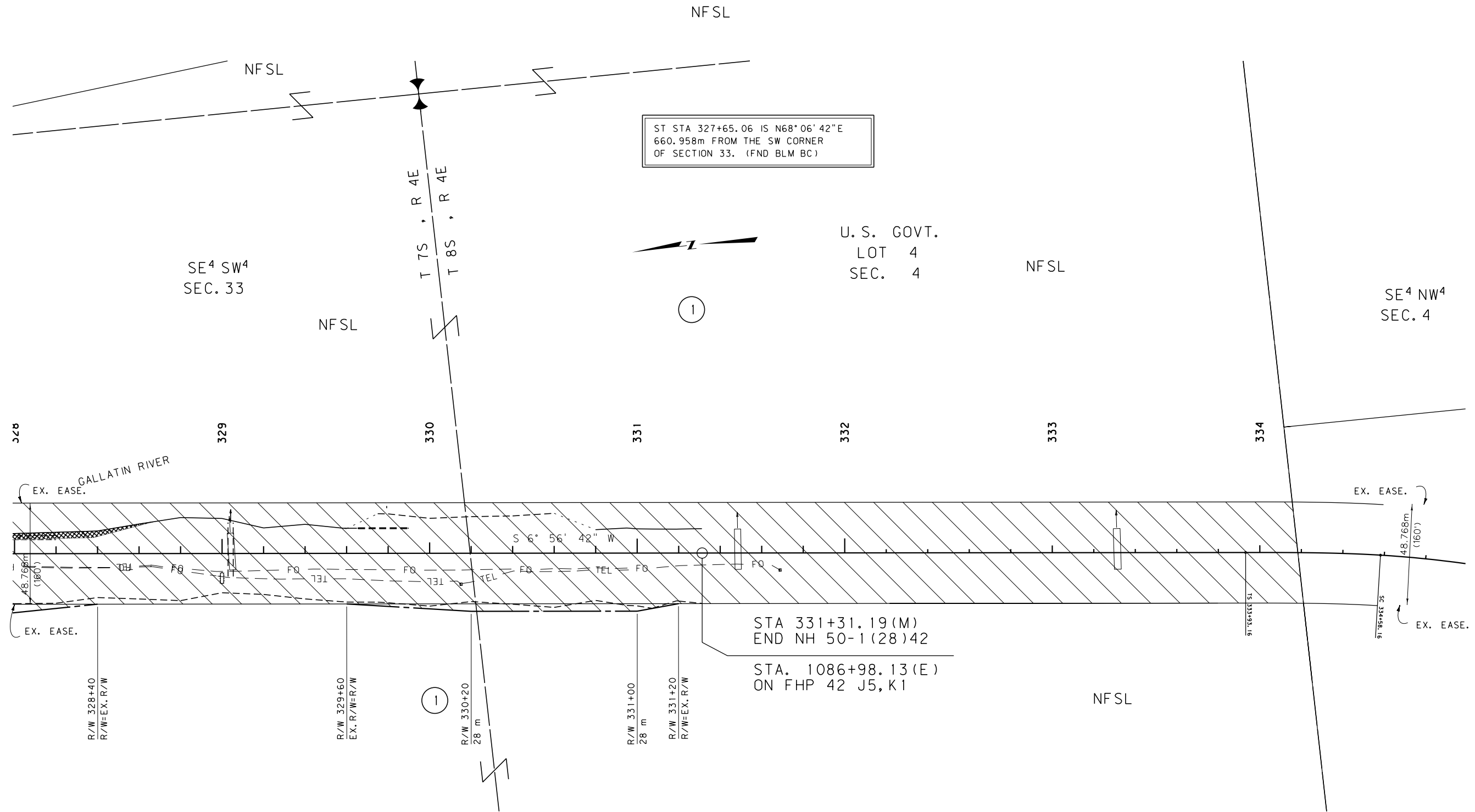
MONTANA
DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY PLAN
GALLATIN COUNTY
SCALE 1:1000



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

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	NH 50-1(37)42	4	11
PROJECT NUMBER 2544-037-002			

TURN LANES-GALLATIN CANYON
RED CLIFF CAMPGROUND





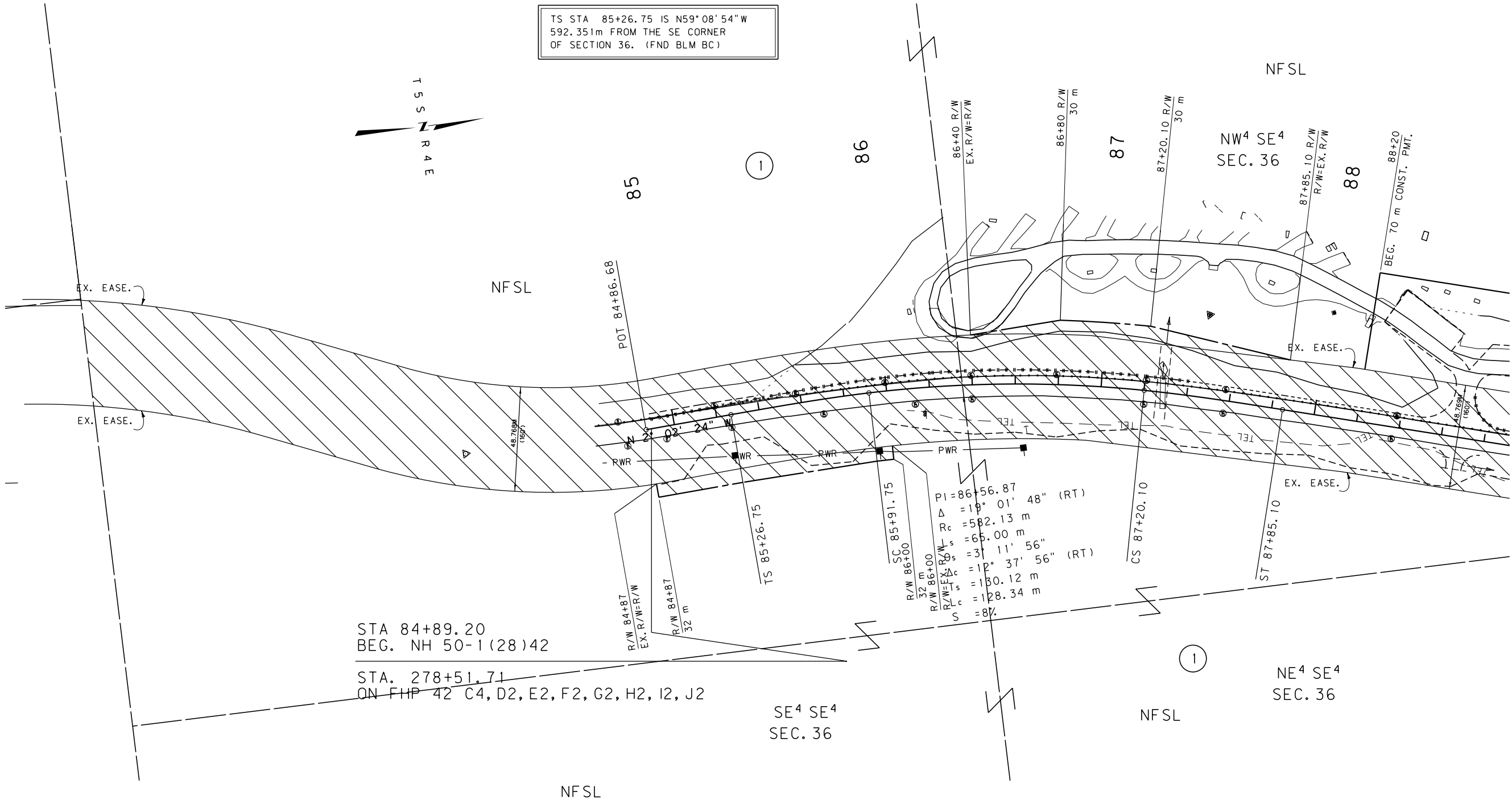
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11/30/2012
12:18:13 PM
2 CPS - U1538

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

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	NH 50-1(37)42	5	11
PROJECT NUMBER 2544-037-002			

TURN LANES-GALLATIN CANYON
MOOSE CREEK CAMPGROUND



- 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.

BACKSLOPE LIMITS INCLUDE ROUNDING	TOP OF CUT
CONSTRUCTION LIMITS: CUT SECTION	DITCH BOTTOM
TOE OF FILL	
FHWA/DOT APPROVAL 04/04/12	
MAP REVISED 6/25/12	

MONTANA DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY PLAN GALLATIN COUNTY
SCALE 1:1000
0 50M 100M



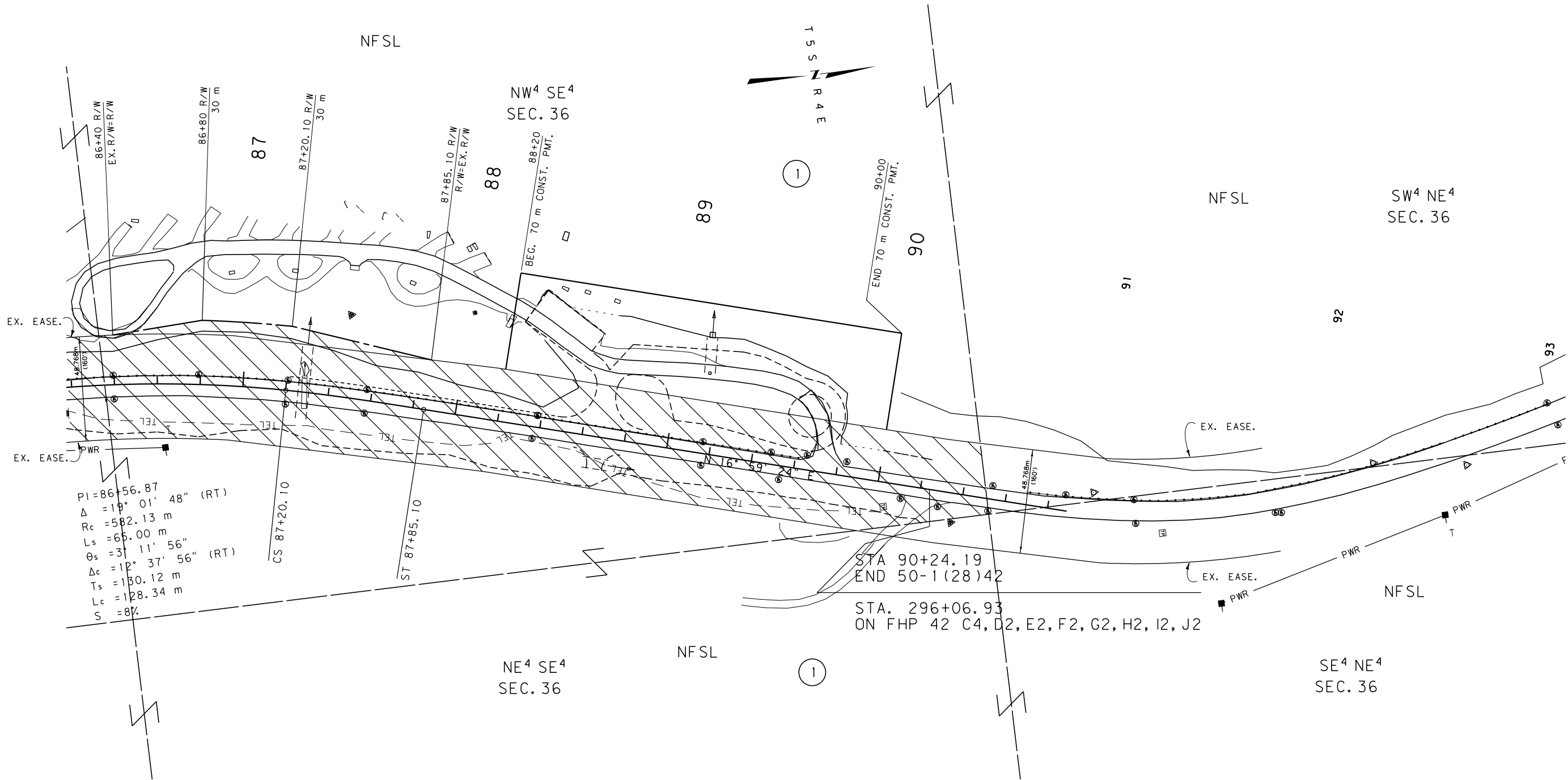
RDROW

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11/30/2012
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UCPS - U1538

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

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	NH 50-1(37)42	6	11
PROJECT NUMBER 2544-037-002			

TURN LANES-GALLATIN CANYON
MOOSE CREEK CAMPGROUND



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BACKSLOPE LIMITS INCLUDE ROUNDING	TOP OF CUT
CONSTRUCTION LIMITS:	CUT SECTION
	TOE OF FILL
FHWA/DOT APPROVAL	04/04/12
MAP REVISED	6/25/12

MONTANA
DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY PLAN
GALLATIN COUNTY
SCALE 1:1000
0 50M 100M

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

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	NH 50-1(37)42	7	11
PROJECT NUMBER 2544-037-002			

TURN LANES-GALLATIN CANYON
GREEK CREEK CAMPGROUND

CS STA 117+75.12 IS N73°4'13"W
71.02 m FROM THE N¼ CORNER
OF SECTION 24. (FND ALUM MON)

PI=118+37.49
Δ =138° 01' 58" (LT)
Rc =220 m
Ls =36.25 m
Θs =4° 43' 13"
Δc =128° 35' 31" (LT)
Ts =592.38 m
Lc =493.76 m
S =8%

PI=118+91.98
Δ =22° 24' 45" (RT)
Rc =242 m
Ls =65.00 m
Θs =7° 41' 41"
Δc =7° 01' 23" (RT)
Ts =80.57 m
Lc =29.66 m
S =8%

STA 117+75.12
BEG. NH 50-1(28)42

STA. 386+32.28
ON FHP 42 C4, D2, E2, F2, G2, H2, J2

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 0.99953097

FOR EXISTING R/W RETRACEMENT, SEE
C.O.S. 2227

- 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	TOP OF CUT
CONSTRUCTION LIMITS: CUT SECTION	DITCH BOTTOM
TOE OF FILL	
FHWA/DOT APPROVAL	04-04-2012
MAP REVISED	6/25/12 10/4/12

MONTANA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
GALLATIN COUNTY

SCALE 1:1000

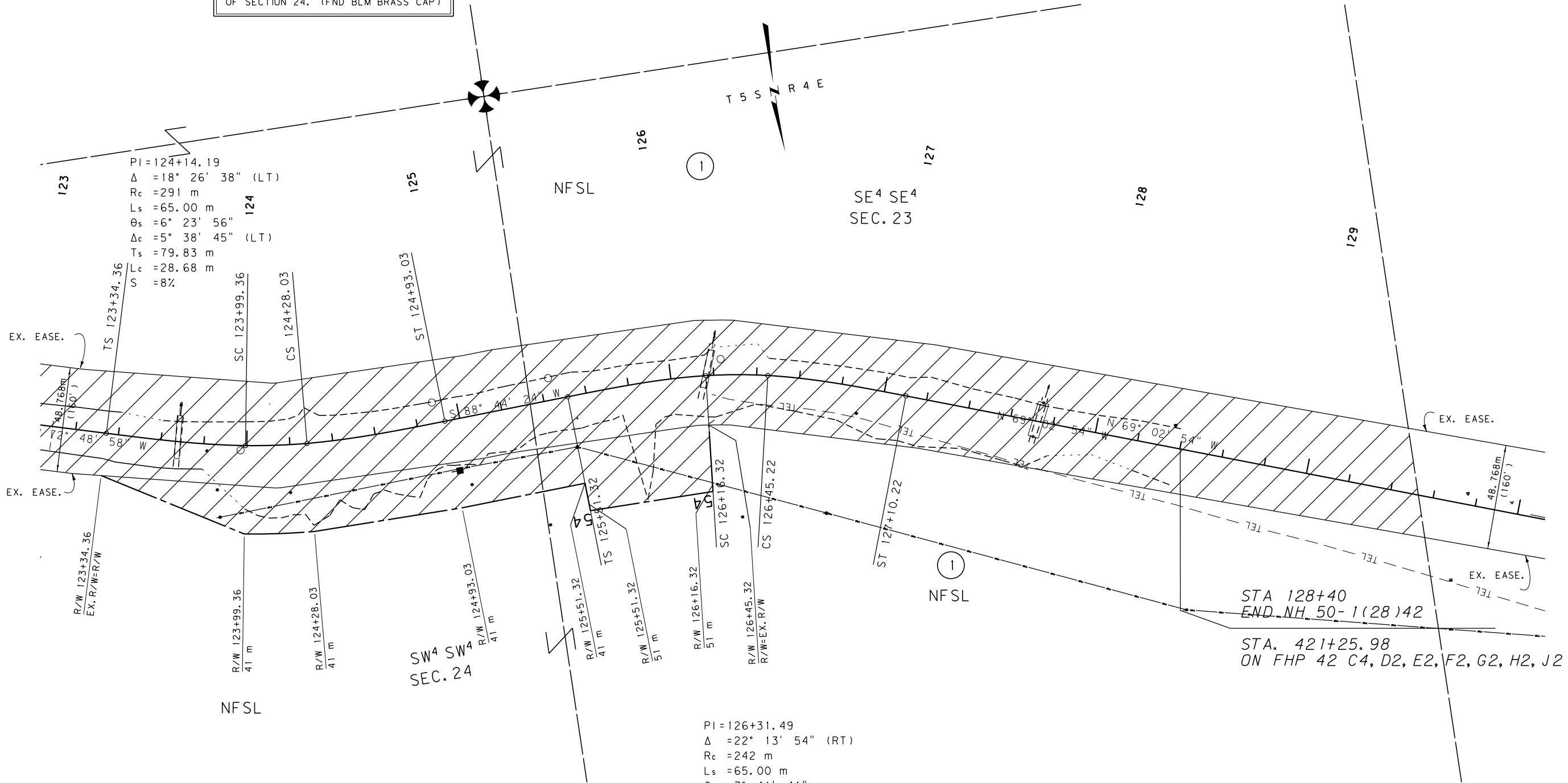
0 50M 100M

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

ST STA 127+10.22 IS N44°36'47"W
240.69 m FROM THE SW CORNER
OF SECTION 24. (FND BLM BRASS CAP)

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	NH 50-1(37)42	8	11
PROJECT NUMBER 2544-037-002			

TURN LANES-GALLATIN CANYON
GREEK CREEK CAMPGROUND



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FOR EXISTING R/W RETRACEMENT, SEE
C.O.S. 2227

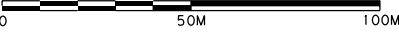
PI=126+31.49
Δ=22° 13' 54" (RT)
Rc=242 m
Ls=65.00 m
θs=7° 41' 41"
Δc=6° 50' 32" (RT)
Ts=80.17 m
Lc=28.90 m
S=8%

- 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:	TOP OF CUT CUT SECTION TOE OF FILL DITCH BOTTOM
FHWA/DOT APPROVAL	04-04-2012
MAP REVISED	6/25/12

MONTANA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
GALLATIN COUNTY
SCALE 1:1000

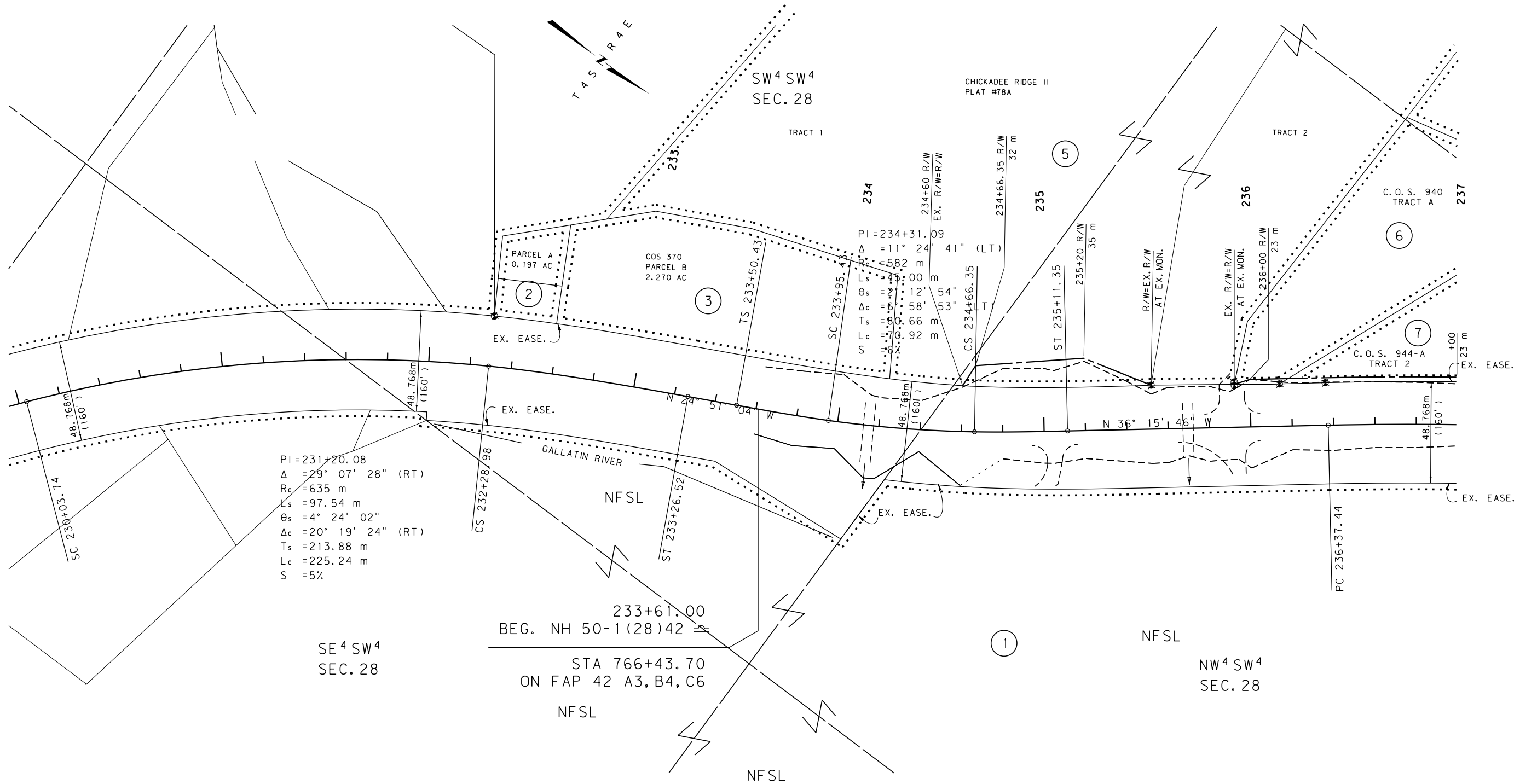


SEE SHEET NO. 2 FOR OWNERSHIP NAMES, ADDRESSES, AREAS, ETC.

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	NH 50-1(37)42	9	11
PROJECT NUMBER 2544-037-002			

TURN LANES-GALLATIN CANYON
CASTLE ROCK INN

SC STA 230+03.74 IS S31°39'58.20"E
549.59 m FROM THE W CORNER
OF SECTION 28. (FND STONE)



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FOR EXISTING R/W RETRACEMENT, SEE
C.O.S. 2227

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TRANSITION IS USED IS A CHORD RATHER THAN A
CONCENTRIC CURVE.

BACKSLOPE LIMITS INCLUDE ROUNDING	TOP OF CUT
CONSTRUCTION LIMITS: CUT SECTION	DITCH BOTTOM
TOE OF FILL	
FHWA/DOT APPROVAL	04-04-2012
MAP REVISED	6/25/12

MONTANA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
GALLATIN COUNTY
SCALE 1:1000

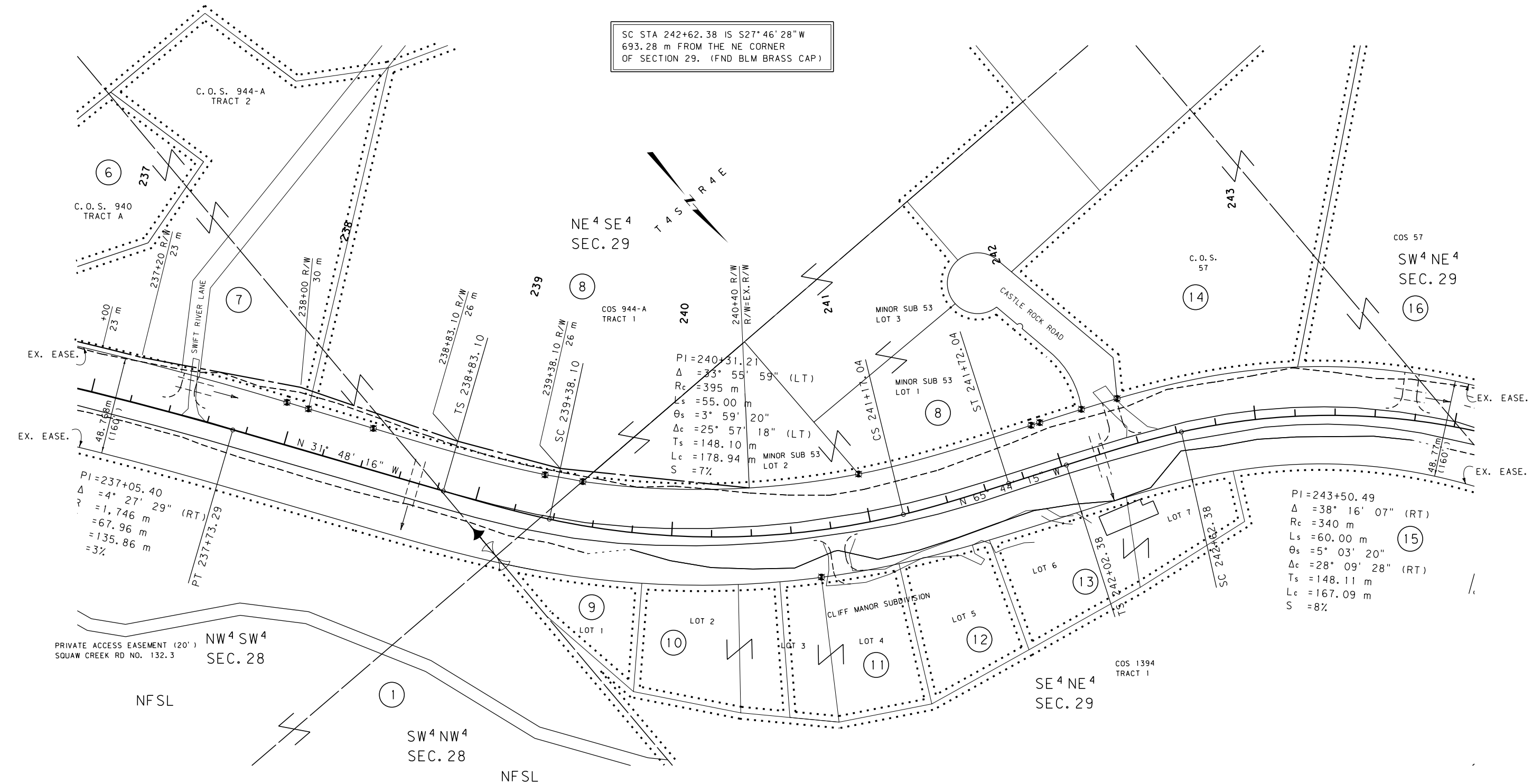


SEE SHEET NO. 2 FOR OWNERSHIP NAMES, ADDRESSES, AREAS, ETC.

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	NH 50-1(37)42	10	11
PROJECT NUMBER 2544-037-002			

TURN LANES-GALLATIN CANYON
CASTLE ROCK INN

SC STA 242+62.38 IS S27°46'28"W
693.28 m FROM THE NE CORNER
OF SECTION 29. (FND BLM BRASS CAP)



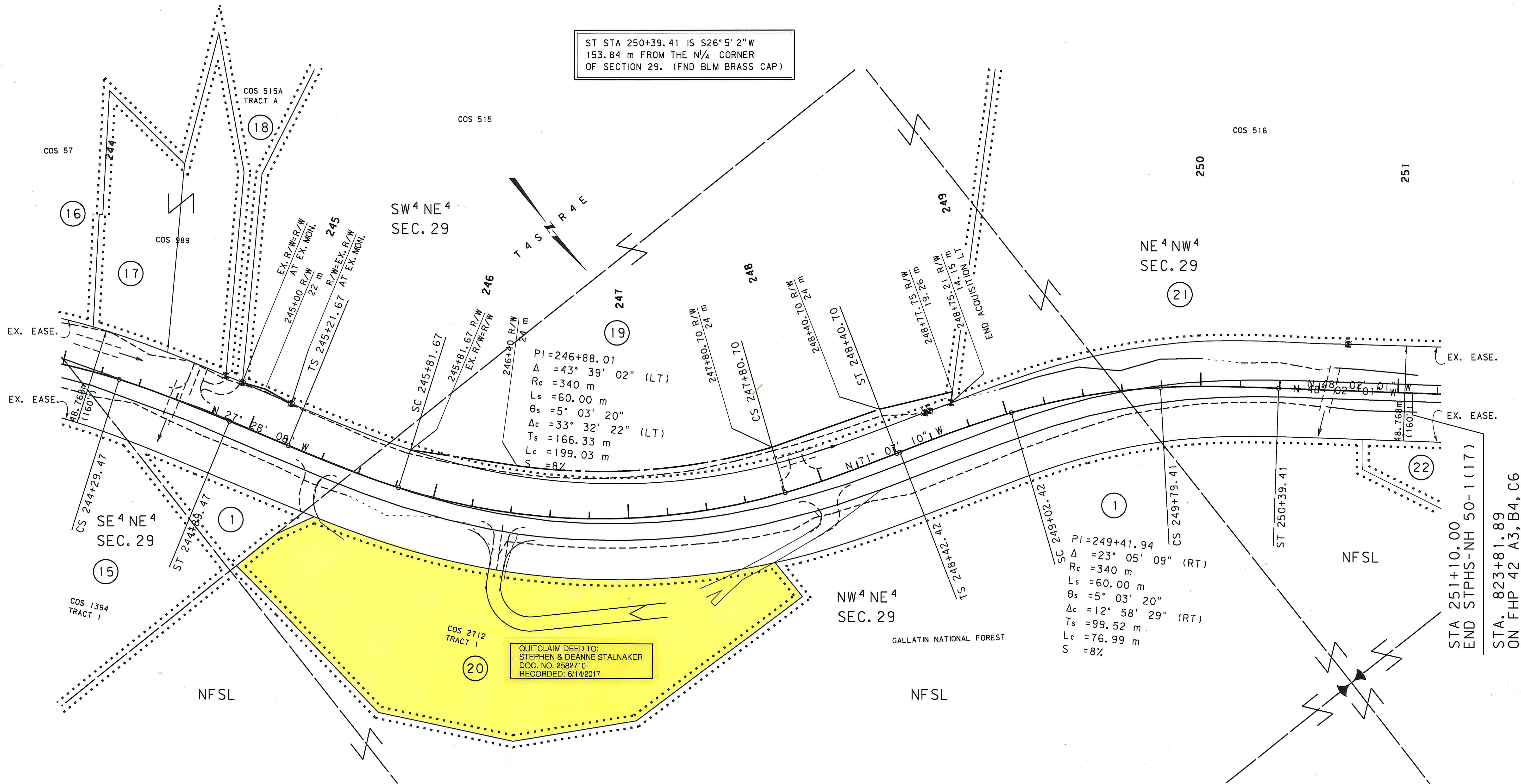
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FOR EXISTING R/W RETRACEMENT, SEE
C.O.S. 2227

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

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	NH 50-1(37)42	11	11
PROJECT NUMBER 2544-037-002			
TURN LANES-GALLATIN CANYON CASTLE ROCK INN			



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BACKSLOPE LIMITS INCLUDE ROUNDING CONSTRUCTION LIMITS:	
FHWA/DOT APPROVAL 04-04-2012	
MAP REVISED 6/25/12 11/20/12	
MONTANA DEPARTMENT OF TRANSPORTATION RIGHT OF WAY PLAN GALLATIN COUNTY SCALE 1:1000	