PLANS

NOT

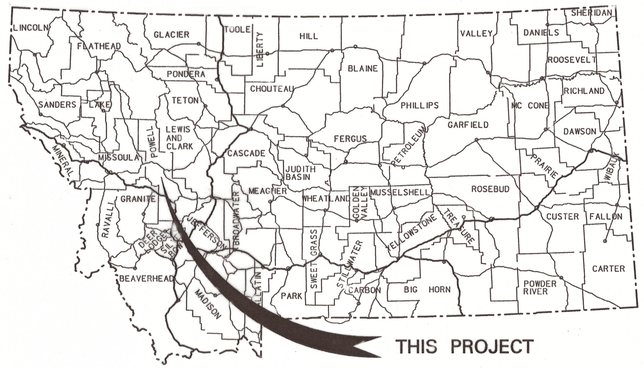
TO

SCALE

MONTANA DEPARTMENT OF TRANSPORTATION

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	STPS 271-2(5)7	1	20
PROJECT NUMBER 4468-005			

POWELL CO LINE - N

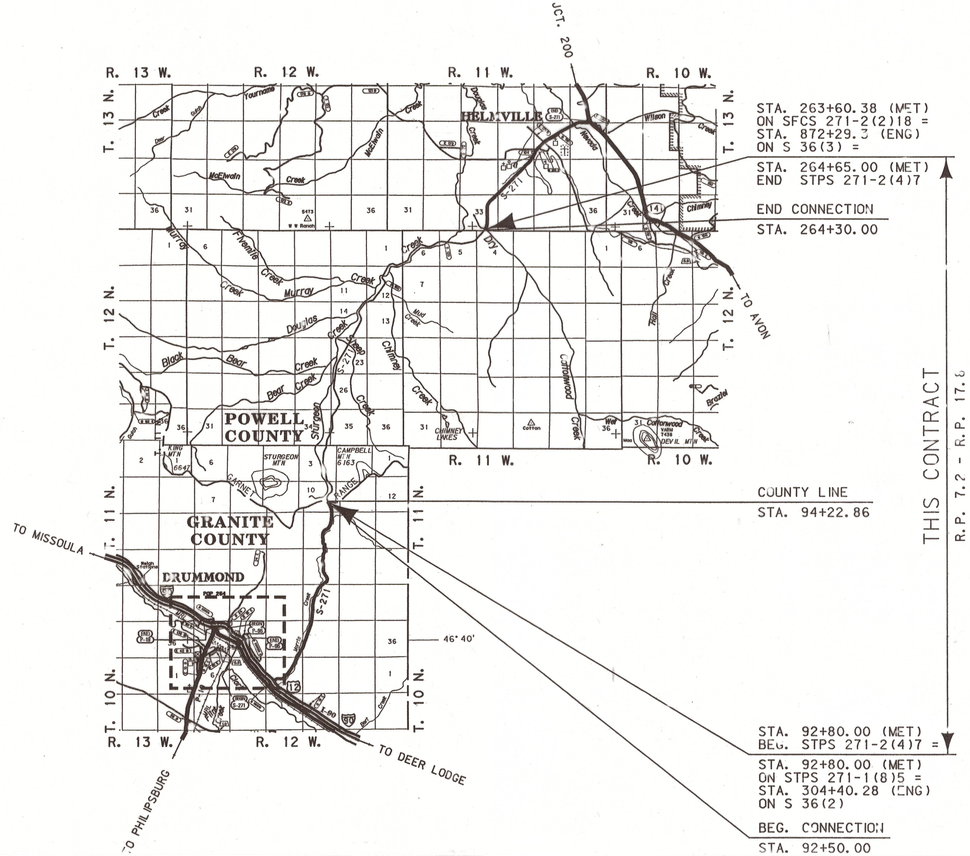


RIGHT OF WAY PLAN OF FEDERAL AID PROJECT STPS 271-2(5)7

POWELL CO LINE – N

GRANITE AND POWELL COUNTIES

17.2 Kilometers



SEE SHEET NO. 2-7 FOR OWNERSHIP NAMES, ADDRESSES, AREAS, ETC.

FOR EXISTING R/W RETRACEMENT, SEE CERTIFICATE OF SURVEY 628RT

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 0.99917467

NOTES: 1. ALL MEASUREMENTS ARE METRIC EXCEPT AS NOTED

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)
- LIMITED ACCESS CONTROL
- EXISTING ACCESS CONTROL
- 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
- 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 PROJECT ID.
STPS 271-2(3)7 P.E. STPS 271-2(4)7 CONST.

RELATED PROJECTS
FAS 36(1) FAS 36(2) FAS 36(3)

FHWA/MDT APPROVAL 6-21-06

MAP REVISED

ROBERT PECCIA & ASSOCIATES

RDROW

MONTANA CADD

3
2

OWNERSHIP

PARCEL	NAME	ADDRESS	TOTAL AREA		GROSS R/W AREA		EX. EASE. AREA		NET AREA		REMAINDER				CONST. PMT. AREA		EASE. AREA		SHEET NO.
											LEFT		RIGHT						
			METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	
1	MANLEY FAMILY LIMITED PARTNERSHIP	232 DOUGLAS CREEK LANE, DRUMMOND, MT 59832	22.460 ha	55.50 AC	0.648 ha	1.60 AC	0.501 ha	1.24 AC	0.147 ha	0.36 AC									4
1CE	MONTANA DEPARTMENT OF FISH, WILDLIFE AND PARKS	P.O. BOX 200701, HELENA, MT 59620	FOR NEGOTIATIONS ONLY																4
2	DENNIS B. AND INGRID K. VANDERHEIDEN	1135 MT HIGHWAY 271, DRUMMOND, MT 59832	OWNER NOTIFICATION ONLY																4
3	MANLEY FAMILY LIMITED PARTNERSHIP	232 DOUGLAS CREEK LANE, DRUMMOND, MT 59832	22.460 ha	55.50 AC	2.469 ha	6.10 AC			2.469 ha	6.10 AC									4-6
3CE	MONTANA DEPARTMENT OF FISH, WILDLIFE AND PARKS	P.O. BOX 200701, HELENA, MT 59620	FOR NEGOTIATIONS ONLY																4-6
4	DENNIS B. AND INGRID K. VANDERHEIDEN	1135 MT HIGHWAY 271, DRUMMOND, MT 59832	54.462 ha	134.58 AC	0.795 ha	1.96 AC			0.795 ha	1.96 AC					0.069 ha	0.17 AC			4-6
5	JERRY LEE ROBB, TRUSTEE UNDER THE JERRY LEE ROBB TRUST DATED APRIL 16, 1997	8844 THOMAS LEA TERRACE, GAITHERSBURG, MD 20886	35.617 ha	88.01 AC	1.270 ha	3.14 AC			1.270 ha	3.14 AC			34.347 ha	84.87 AC			* 0.141 ha	* 0.35 AC	6,7
6	HENRY H. AND LUTRITIA M. DARR	531 STURGEON MOUNTAIN LANE, DRUMMOND, MT 59832	64.750+ ha	160.00+ AC	6.108 ha	15.09 AC			6.108 ha	15.09 AC					0.228 ha	0.56 AC			6-13
7	JOANN SHELLEY	7921 MT HIGHWAY 271, DRUMMOND, MT 59832	12.007 ha	29.67 AC	0.320 ha	0.79 AC			0.320 ha	0.79 AC	11.687 ha	28.88 AC			0.156 ha	0.39 AC			6,7
8	LELAND D. AND BARBARA J. WEAVER	13896 MT HIGHWAY 271, DRUMMOND, MT 59832	35.617 ha	88.01 AC	0.817 ha	2.02 AC			0.817 ha	2.02 AC			34.883 ha	86.20 AC					7,8
9	HENRY H. AND LUTRITIA M. DARR	531 STURGEON MOUNTAIN LANE, DRUMMOND, MT 59832	64.750+ ha	160.00+ AC	0.102 ha	0.25 AC			0.102 ha	0.25 AC							0.014 ha	0.03 AC	8,9
6,9	COMBINATION PARCEL		64.750+ ha	160.00+ AC	6.210 ha	15.35 AC			6.210 ha	15.35 AC					0.228 ha	0.56 AC	0.014 ha	0.03 AC	6-13
10	MANLEY FAMILY LIMITED PARTNERSHIP	232 DOUGLAS CREEK LANE, DRUMMOND, MT 59832	64.750+ ha	160.00+ AC	6.791 ha	16.78 AC			6.791 ha	16.78 AC					0.059 ha	0.15 AC	0.035 ha	0.09 AC	8-19
11	MANLEY FAMILY LIMITED PARTNERSHIP	232 DOUGLAS CREEK LANE, DRUMMOND, MT 59832	64.750+ ha	160.00+ AC	0.697 ha	1.72 AC			0.697 ha	1.72 AC									10,11
12	MANLEY FAMILY LIMITED PARTNERSHIP	232 DOUGLAS CREEK LANE, DRUMMOND, MT 59832	64.750+ ha	160.00+ AC	1.297 ha	3.20 AC			1.297 ha	3.20 AC					0.371 ha	0.92 AC	0.017 ha	0.04 AC	12-18
1, 3, 10, 11, 12	COMBINATION PARCEL		64.750+ ha	160.00+ AC	11.902 ha	29.40 AC	0.501 ha	1.24 AC	11.401 ha	28.16 AC					0.430 ha	1.06 AC	0.052 ha	0.13 AC	4-6, 8-19
13	WALES BROTHERS, A MONTANA CORPORATION	C/O ROBERT E. MEYER/JAMES B. HASTY, 4320 VON KARMAN, NEWPORT BEACH, CA 92660	64.750+ ha	160.00+ AC	3.709 ha	9.16 AC			3.709 ha	9.16 AC					0.847 ha	2.09 AC	0.019 ha	0.05 AC	18-23
13A	WALES BROTHERS, A MONTANA CORPORATION	NEWPORT BEACH, CA 92660													0.048 ha	0.12 AC			
14	WALES BROTHERS, A MONTANA CORPORATION	C/O ROBERT E. MEYER/JAMES B. HASTY, 4320 VON KARMAN, NEWPORT BEACH, CA 92660	64.750+ ha	160.00+ AC	0.317 ha	0.78 AC			0.317 ha	0.78 AC									18, 19
15	PAUL PICARD	N16201 COUNTY ROAD E, CURTISS, WI, 54422	8.094 ha	20.00 AC	0.095 ha	0.23 AC			0.095 ha	0.23 AC			7.999 ha	19.77 AC					19
16	LELAND D. AND BARBARA J. WEAVER	13896 MT HIGHWAY 271, DRUMMOND, MT 59832	64.750+ ha	160.00+ AC	0.254 ha	0.63 AC			0.254 ha	0.63 AC									19
17	LELAND D. AND BARBARA J. WEAVER	13896 MT HIGHWAY 271, DRUMMOND, MT 59832	64.750+ ha	160.00+ AC	0.172 ha	0.43 AC			0.172 ha	0.43 AC					0.030 ha	0.07 AC			19
18	WALES BROTHERS, A MONTANA CORPORATION	C/O ROBERT E. MEYER/JAMES B. HASTY, 4320 VON KARMAN, NEWPORT BEACH, CA 92660	64.750+ ha	160.00+ AC	0.374 ha	0.92 AC			0.374 ha	0.92 AC									19,20
19	HAROLD A. AND DORIS OSTLER	266 MUD WATER LANE, DRUMMOND, MT 59832	OWNER NOTIFICATION ONLY																19,20

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	STPS 271-2(5)7	2	28
PROJECT NUMBER 4468-005			

POWELL CO LINE - N

RIGHT-OF-WAY COORDINATE ASCII FILES

R/W BREAK COORDS: 4468ROBRKZ01.TXT

R/W BASELINE COORDS: 4468ROBASZ01.TXT

ALL FILES ARE LOCATED ON THE CADD SERVER IN THE RO DIRECTORY, UNDER PROJECT: 4468

* TO BE ACQUIRED IN THE NAME OF PARCEL 8.

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 0.99917467

FOR EXISTING R/W RETRACEMENT, SEE CERTIFICATE OF SURVEY 628RT

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 CONSTRUCTION LIMITS: TOP OF CUT, CUT SECTION, TOE OF FILL, DITCH BOTTOM

FHWA/DOT APPROVAL 6-21-06

MAP REVISED 11-13-06 1-3-07 4-13-07 8-08-07

MONTANA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
GRANITE AND POWELL COUNTIES

MONTANA DEPARTMENT OF TRANSPORTATION

MONTANA CADD

ROBERT PECCIA & ASSOCIATES

RDROW

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OWNERSHIP

PARCEL	NAME	ADDRESS	TOTAL AREA METRIC	TOTAL AREA ENGLISH	GROSS R/W AREA METRIC	GROSS R/W AREA ENGLISH	EX. EASE. AREA METRIC	EX. EASE. AREA ENGLISH	NET AREA METRIC	NET AREA ENGLISH	REMAINDER LEFT METRIC	REMAINDER LEFT ENGLISH	REMAINDER RIGHT METRIC	REMAINDER RIGHT ENGLISH	CONST. PMT. AREA METRIC	CONST. PMT. AREA ENGLISH	EASE. AREA METRIC	EASE. AREA ENGLISH	SHEET NO.
20	JERRY LEE ROBB, TRUSTEE UNDER THE	8844 THOMAS LEA TERRACE, GAITHERSBURG, MD 20886	15.131 ha	37.39 AC	1.067 ha	2.64 AC			1.067 ha	2.64 AC			14.064 ha	34.75 AC					20
	JERRY LEE ROBB TRUST DATED APRIL 16, 1997																		
5,20	COMBINATION PARCEL		50.748 ha	125.40 AC	2.337 ha	5.78 AC			2.337 ha	5.78 AC									6,7,20
21	LELAND D. AND BARBARA J. WEAVER	13896 MT HIGHWAY 271, DRUMMOND, MT 59832	15.131 ha	37.39 AC	0.158 ha	0.39 AC			0.158 ha	0.39 AC			14.973 ha	37.00 AC			0.014 ha	0.03 AC	20,21
8,16,	COMBINATION PARCEL		64.750+ ha	160.00+ AC	1.401 ha	3.46 AC			1.401 ha	3.46 AC					0.030 ha	0.07 AC	0.014 ha	0.03 AC	7,8,
17,21																			19-21
22	WALES BROTHERS, A MONTANA CORPORATION	C/O ROBERT E. MEYER/JAMES B. HASTY, 4320 VON KARMAN, NEWPORT BEACH, CA 92660	OWNER NOTIFICATION ONLY																21,22
23	KATHLEEN A. HUFF & COLLEEN M. PASCAVAGE	C/O THAD HUSE, ATTORNEY AT LAW, PO BOX 7796, MISSOULA, MT 59807-7796	64.750+ ha	160.00+ AC	0.630 ha	1.56 AC			0.630 ha	1.56 AC					0.233 ha	0.58 AC	0.049 ha	0.12 AC	22-26
	AS CO-PERSONAL REPRESENTATIVES OF JAMES BERT HUFF ESTATE AKA JAMES B. HUFF																		
24	UNKNOWN		37.122 ha	91.73 AC	* 0.169 ha	0.42 AC			* 0.169 ha	0.42 AC					0.162 ha	0.40 AC			23
13,14, 18,22	COMBINATION PARCEL		64.750+ ha	160.00+ AC	4.400 ha	10.87 AC			4.400 ha	10.87 AC					0.702 ha	1.73 AC	0.019 ha	0.05 AC	18-23
25	USA (BLM)	5001 SOUTHGATE DRIVE, BILLINGS, MT 59101	32.375 ha	80.00 AC	3.356 ha	8.30 AC	3.244 ha	8.02 AC	0.112 ha	0.28 AC									23,24
26	ROHRER FAMILY LIMITED PARTNERSHIP, A MONTANA LIMITED PARTNERSHIP	13571 ST HWY 200 RR #2, FORT SHAW, MT 59443	64.750+ ha	160.00+ AC	0.778 ha	1.92 AC			0.778 ha	1.92 AC					0.357 ha	0.88 AC	0.027 ha	0.07 AC	24-28
27	ROHRER FAMILY LIMITED PARTNERSHIP, A MONTANA LIMITED PARTNERSHIP	13571 ST HWY 200 RR #2, FORT SHAW, MT 59443	64.750+ ha	160.00+ AC	0.919 ha	2.27 AC			0.919 ha	2.27 AC					0.111 ha	0.27 AC	0.014 ha	0.03 AC	26-28
28	ROHRER FAMILY LIMITED PARTNERSHIP, A MONTANA LIMITED PARTNERSHIP	13571 ST HWY 200 RR #2, FORT SHAW, MT 59443	FOR NEGOTIATIONS ONLY																26-28
26,27,28	COMBINATION PARCEL		64.750+ ha	160.00+ AC	1.697 ha	4.19 AC			1.697 ha	4.19 AC					0.468 ha	1.15 AC	0.041 ha	0.10 AC	24-28
20A	LELAND D. WEAVER AND BARBARA J. WEAVER	13896 MT HIGHWAY 271, DRUMMOND, MONTANA 59832	14.064 ha	34.75 AC	0.987 ha	2.44 AC			0.987 ha	2.44 AC			13.077 ha	32.31 AC					20

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	STPS 271-2(5)7	3	28

PROJECT NUMBER 4468-005

POWELL CO LINE - N

RIGHT-OF-WAY COORDINATE ASCII FILES

R/W BREAK COORDS: 4468ROBRKZ01.TXT

R/W BASELINE COORDS: 4468ROBASZ01.TXT

ALL FILES ARE LOCATED ON THE CADD SERVER IN THE RO DIRECTORY, UNDER PROJECT: 4468

MONTANA DEPARTMENT OF TRANSPORTATION

MONTANA CADD

ROBERT PECCIA & ASSOCIATES

RDROW

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1

GRID STATE PLANE COORDINATES

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* AREA TO BE ACQUIRED BY QUIT CLAIM DEED FROM PARCELS 13 AND 23.

FOR EXISTING R/W RETRACEMENT, SEE CERTIFICATE OF SURVEY 628RT

NOTES:
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BACKSLOPE LIMITS INCLUDE ROUNDING
CONSTRUCTION LIMITS: TOP OF CUT, CUT SECTION, TOE OF FILL, DITCH BOTTOM

FHWA/DOT APPROVAL 6-21-06

MAP REVISED 11-13-06 1-3-07 1-22-07 1-29-07 12-22-08

MONTANA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
GRANITE AND POWELL COUNTIES

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	STPS 271-2(5)7	4	28
PROJECT NUMBER 4468-005			

POWELL CO LINE - N

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

MONTANA DEPARTMENT OF TRANSPORTATION

MONTANA CADD

ROBERT PECCIA & ASSOCIATES

RDROW

T 11 N
R 12 W

SW¼ SE¼
SEC. 10

SW¼ NE¼
SEC. 10

NW¼ SE¼
SEC. 10

NE¼ SE¼
SEC. 10

SE¼ NE¼
SEC. 10

GRANITE COUNTY
POWELL COUNTY

STURGEON CREEK

STA. 92+80.00 BEG. STPS 271-2(4)7 =
STA. 92+80.00 ON STPS 271-1(8)5

POT 92+80.00

POT 91+80.00

N 21° 07' 40" W

EX. EASE.

EX. R/W

R/W 92+60.00
15.29 m
EX. EASE. = R/W
BEG. ACQUISITION RT.

93+97.46
30.54 m
(CALC.)

93+10.48 m
(100')

TS 93+01.05

R/W 22 m

91+34.22
(CALC.) m

FOR EXISTING R/W RETRACEMENT, SEE
CERTIFICATE OF SURVEY 628RT

R/W 95+40.00
20.00 m

PI = 95+17.18
Δ = 67° 07' 45" (RT)
Rc = 280 m
Ls = 60.00 m
θs = 6° 08' 20"
Δc = 54° 51' 05" (RT)
Ts = 216.13 m
Lc = 268.05 m
Es = 56.67 m
S = 8 %

94+06.21
4.85 m
(CALC.)

R/W CS 96+29.11
20 m

R/W ST 96+39.11
23 m

95+95.80
25.91 m
(CALC.)

96+29.11 R/W
19.67 m
EX. R/W =
EX. ACQUISITION LT.
BEG.

96+39.11 R/W
31.00 m

97+20.00 R/W
31.00 m

97+15.00 R/W
22.00 m

97+90.00
CONST. PMT.

BEG. 23 m

+00
22 m

+00
23 m

PWR

TEL

FO

WL

EX. R/W

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BACKSLOPE LIMITS INCLUDE ROUNDING
CONSTRUCTION LIMITS: TOP OF CUT, CUT SECTION, TOE OF FILL, DITCH BOTTOM

FHWA/DOT APPROVAL 6-21-06

MAP REVISED

MONTANA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
GRANITE AND POWELL COUNTIES
SCALE 1:1000

0 50M 100M

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STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	STPS 271-2(5)7	5	28
PROJECT NUMBER 4468-005			
POWELL CO LINE - N			

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

MONTANA DEPARTMENT OF TRANSPORTATION

MONTANA CADD

ROBERT PECCIA & ASSOCIATES

RDROW

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1

SW4 NE4 SEC. 10

NW4 NE4 SEC. 10

SE4 NE4 SEC. 10

NE4 NE4 SEC. 10

NE4 SE4 SEC. 10

T 11 N R 12 W

98 99 100 101 102 103 104 105

EX. R/W

EX. R/W

+00 22 m

98+20.00 CONST. PMT.

END 23 m

STURGEON CREEK

+00 23 m

N 46° 00' 05" E

TEL FO

PWR

ARCHAEOLOGICAL SITE 24PW787

TS 99+74.32 R/W 22 m

SC 100+34.32 R/W 27 m

R/W 99+20.00 23.00 m

R/W 99+74.32 53.00 m

R/W 100+34.32 53.00 m

R/W 100+80.00 33.00 m

PI = 102+64.98
Δ = 73° 17' 16" (LT)
Rc = 350 m
Ls = 60.00 m
θs = 4° 54' 40"
Δc = 63° 27' 56" (LT)
Ts = 290.66 m
Lc = 387.69 m
Es = 86.75 m
S = 8 %

ST 104+82.01 R/W 27 m

104+22.01 R/W 27 m

+00 27 m

EX. R/W

STURGEON CREEK

EX. R/W

N 27° 17' 11" W

+00 43 m

R/W 104+82.01 45.00 m

R/W 104+22.01 38.00 m

103+24.00 R/W 38.00 m

103+00.00 R/W 33.00 m

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FOR EXISTING R/W RETRACEMENT, SEE CERTIFICATE OF SURVEY 628RT

NOTES:
1. ALL MEASUREMENTS ARE METRIC EXCEPT AS NOTED
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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 6-21-06

MAP REVISED

MONTANA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
POWELL COUNTY
SCALE 1:1000
0 50M 100M

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	STPS 271-2(5)7	6	28
PROJECT NUMBER 4468-005			
POWELL CO LINE - N			

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

MONTANA DEPARTMENT OF TRANSPORTATION

MONTANA CADD

ROBERT PECCIA & ASSOCIATES

RDROW

NW4 NE4 SEC. 10

NE4 NE4 SEC. 10

SW4 SE4 SEC. 3

NW4 SE4 SEC. 3

SE4 SE4 SEC. 3

NE4 SE4 SEC. 3

T 11 N R 12 W

105 106 107 108 109 110 111 112

P.O.T. 106+79.27 IS S 87°05'16" E 498.45 m FROM THE N1/4 CORNER OF SECTION 10. (FND STONE)

P.O.T. 106+79.27 IS N 87°05'16" W 305.05 m FROM THE NE CORNER OF SECTION 10. (FND STONE)

ARCHAEOLOGICAL SITE 24PW788

C.O.S. No. 280 TRACT B

C.O.S. No. 460 TRACT A

N 2° 17' 11" W

N 3° 56' 47" E

107+65.97 R/W 27.00 m

108+20.97 R/W 29.00 m

110+11.27 R/W 29.00 m

110+66.27 R/W 24.00 m

111+08.33 R/W 24.00 m

R/W SC 108+20.97 34 m

R/W 108+45.00 27.00 m

R/W TS 107+65.97 43 m

R/W CS 110+11.27 27 m

R/W ST 110+66.27 26 m

R/W 111+08.33 26.00 m

R/W 111+63.33 32.00 m

SC 111+63.33 R/W 30 m

TS 111+08.33 R/W 24 m

EX. R/W

FO

TEL

WL

PI = 109+19.32
Δ = 31° 43' 58" (RT)
Rc = 450 m
Ls = 55.00 m
θs = 3° 30' 05"
Δc = 24° 13' 48" (RT)
Ts = 153.36 m
Lc = 190.30 m
Es = 17.54 m
S = 7 %

PI = 112+37.74
Δ = 25° 30' 21" (LT)
Rc = 450 m
Ls = 55.00 m
θs = 3° 30' 05"
Δc = 18° 30' 11" (LT)
Ts = 129.41 m
Lc = 145.32 m
Es = 11.67 m
S = 7 %

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 0.99917467

FOR EXISTING R/W RETRACEMENT, SEE CERTIFICATE OF SURVEY 628RT

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
CONSTRUCTION LIMITS: CUT SECTION (TOP OF CUT, DITCH BOTTOM) TOE OF FILL

FHWA/DOT APPROVAL 6-21-06

MAP REVISED

MONTANA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
POWELL COUNTY
SCALE 1:1000
0 50M 100M

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2
1

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	STPS 271-2(5)7	7	28
PROJECT NUMBER 4468-005			

POWELL CO LINE - N

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

MONTANA DEPARTMENT OF TRANSPORTATION

MONTANA CADD

ROBERT PECCIA & ASSOCIATES

RDROW

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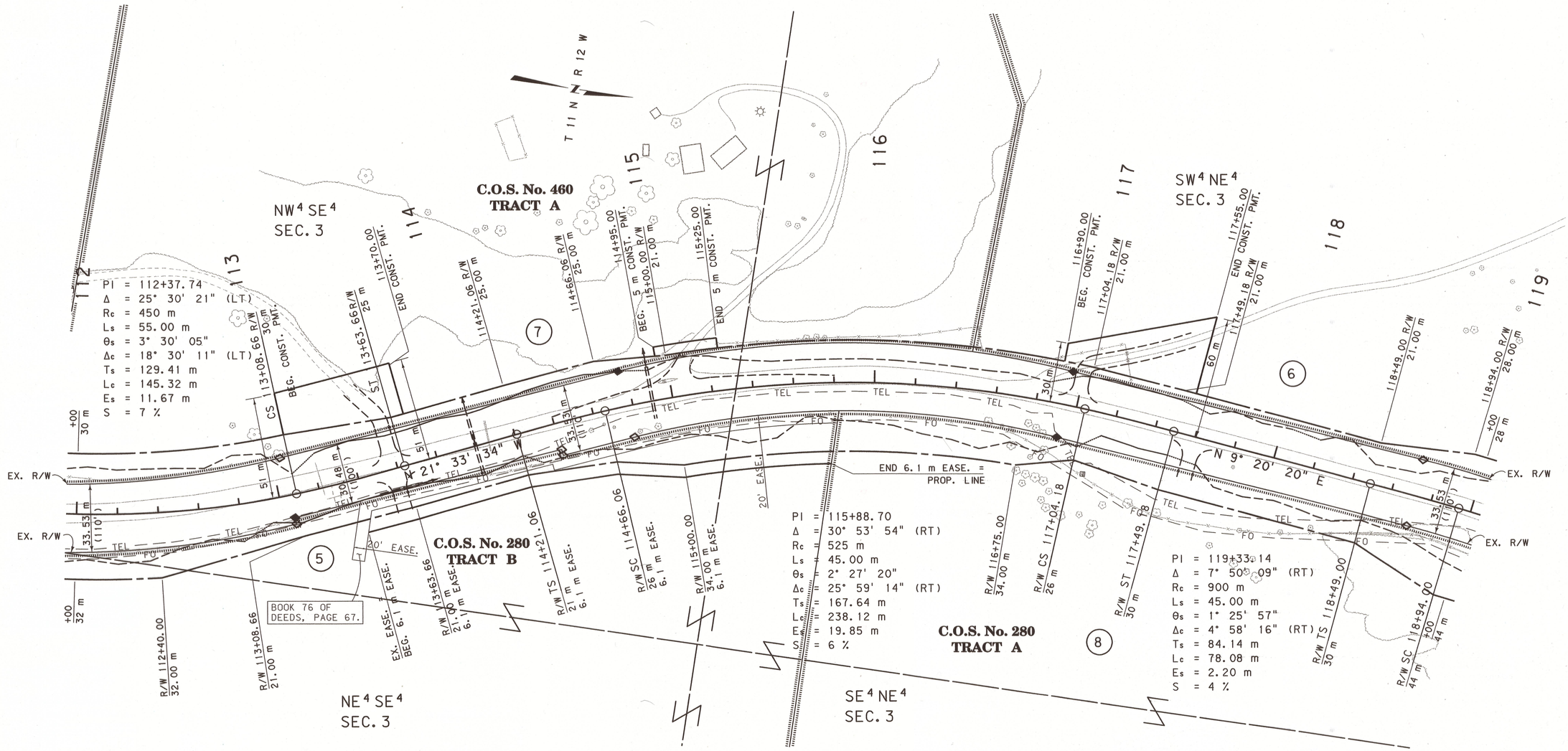

GRID STATE PLANE COORDINATES

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FOR EXISTING R/W RETRACEMENT, SEE CERTIFICATE OF SURVEY 628RT

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 6-21-06

MAP REVISED 4-13-07

MONTANA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
POWELL COUNTY
SCALE 1:1000

0 50M 100M

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	STPS 271-2(5)7	8	28
PROJECT NUMBER 4468-005			

POWELL CO LINE - N

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

MONTANA DEPARTMENT OF TRANSPORTATION

MONTANA CADD

ROBERT PECCIA & ASSOCIATES

RDROW

SW^4 NE^4 SEC. 3

SE^4 NE^4 SEC. 3

SE^4 SE^4 SEC. 34

SW^4 SW^4 SEC. 35

U. S. GOVT. LOT 2 SEC. 3

U. S. GOVT. LOT 1 SEC. 3

T 12 N., R 12 W

T 11 N., R 12 W

119 120 121 122 123 124 125 126

EX. R/W

N 17° 10' 29" E

N 21° 18' 20" E

TEL

FO

119+72.08 R/W 28.00 m

120+17.08 R/W 22.00 m

120+80.00 R/W 22.00 m

122+00.00 R/W 37.00 m

122+70.00 R/W 24.00 m

123+20.00 BEG. 5 m CONST. PMT.

123+63.60 R/W 24.00 m

123+80.00 END 5 m CONST. PMT.

125+00.00 R/W 24.00 m

125+43.84 R/W 33.00 m

+00 28 m

+00 33 m

+00 44 m

33.53 m (110')

36.58 m (120')

30.48 m (100')

27.43 m (90')

119+24.32 19.11 m (CALC.)

R/W CS 119+72.08 44 m

R/W 120+17.08 29.69 m R/W = EX. R/W

ST 120+17.08

120+45.07 36.28 m (CALC.)

122+36.35 35.68 m (CALC.)

R/W 122+55.01 31.78 m R/W = EX. (CALC.)

R/W 123+00.00 30.00 m

R/W PC 123+63.60 24 m

R/W 125+25.00 24.00 m

R/W PT 125+43.84 20.67 m R/W = EX. R/W

(6)

(8)

PI = 119+33.14
Δ = 7° 50' 09" (RT)
Rc = 900 m
Ls = 45.00 m
θs = 1° 25' 57"
Δc = 4° 58' 16" (RT)
Ts = 84.14 m
Lc = 78.08 m
Es = 2.20 m
S = 4 %

C.O.S. No. 280
TRACT A

P.O.C. 123+69.70 IS S 87°50'53" E 625.24 m FROM THE S1/4 CORNER OF SECTION 34. (FND A.C.)

P.O.C. 123+69.70 IS N 87°50'53" W 175.40 m FROM THE SE CORNER OF SECTION 34. (FND STONE)

(9)

PI = 124+53.76
Δ = 4° 07' 51" (RT)
R = 2 500 m
T = 90.16 m
L = 180.24 m
E = 1.63 m
S = N/C

(10)

GRID STATE PLANE COORDINATES

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FOR EXISTING R/W RETRACEMENT, SEE CERTIFICATE OF SURVEY 628RT

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

BACKSLOPE LIMITS INCLUDE ROUNDING
CONSTRUCTION LIMITS: CUT SECTION (TOP OF CUT, DITCH BOTTOM) TOE OF FILL

FHWA/DOT APPROVAL 6-21-06

MAP REVISED 4-13-07

MONTANA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
POWELL COUNTY
SCALE 1:1000
0 50M 100M

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3
1
u2573

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	STPS 271-2(5)7	9	28
PROJECT NUMBER 4468-005			

POWELL CO LINE - N

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

MONTANA DEPARTMENT OF TRANSPORTATION

MONTANA CADD

ROBERT PECCIA & ASSOCIATES

RDROW

T 12 N R 12 W

126

SE¼ SE¼
SEC. 34

127

127+12.00 R/W
33.00 m

127+60.00 R/W
21.00 m

128

TS 128+16.05 R/W
21 m

SC 128+61.05 R/W
23 m

NE¼ SE¼
SEC. 34

129

PI = 129+96.37
Δ = 19° 53' 23" (LT)
Rc = 900 m
Ls = 45.00 m
θs = 1° 25' 57"
Δc = 17° 01' 30" (LT)
Ts = 180.32 m
Lc = 267.43 m
Es = 13.82 m
S = 4 %

130

130+30.00
BEG. 5 m CONST. PMT.

P.O.C. 129+80.69 IS S 02°58'55" W
216.59 m FROM THE E¼ CORNER
OF SECTION 34. (FND A.C.)

131

131+10.00
END 5 m CONST. PMT.

CS 131+28.48 R/W
23 m

ST 131+73.48 R/W
22 m

132

133

SE¼ NE¼
SEC. 34

+00
33 m

+00
22 m

EX. R/W

EX. R/W

27.43 m
(90°)

30 m

N 21° 18' 20" E

N 1° 24' 57" E

30.48 m
(100')

TEL

126+75.00
BEG. EASE.

126+95.00
END EASE.

27.43 m
(90°)

9

6

R/W 129+80.00
22.38 m
EX. R/W = R/W

128+06.02
25.44 m
(CALC.)

P.O.C. 129+80.69 IS N 02°58'55" E
582.24 m FROM THE SE CORNER
OF SECTION 34. (FND STONE)

10

R/W 130+00.00
27.00 m

NW¼ SW¼
SEC. 35

130+93.00
BEG. 21 m CONST. PMT.

131+20.00
END 21 m CONST. PMT.

R/W 131+28.48
27.00 m

R/W 131+73.48
21.45 m
R/W = EX. R/W

SW¼ NW¼
SEC. 35

SW¼ SW¼
SEC. 35

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FOR EXISTING R/W RETRACEMENT, SEE CERTIFICATE OF SURVEY 628RT

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BACKSLOPE LIMITS INCLUDE ROUNDING
CONSTRUCTION LIMITS: CUT SECTION (TOP OF CUT, DITCH BOTTOM) TOE OF FILL

FHWA/DOT APPROVAL 6-21-06

MAP REVISED 11-13-06

MONTANA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
POWELL COUNTY
SCALE 1:1000

0 50M 100M

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1

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	STPS 271-2(5)7	10	28
PROJECT NUMBER 4468-005			
POWELL CO LINE - N			

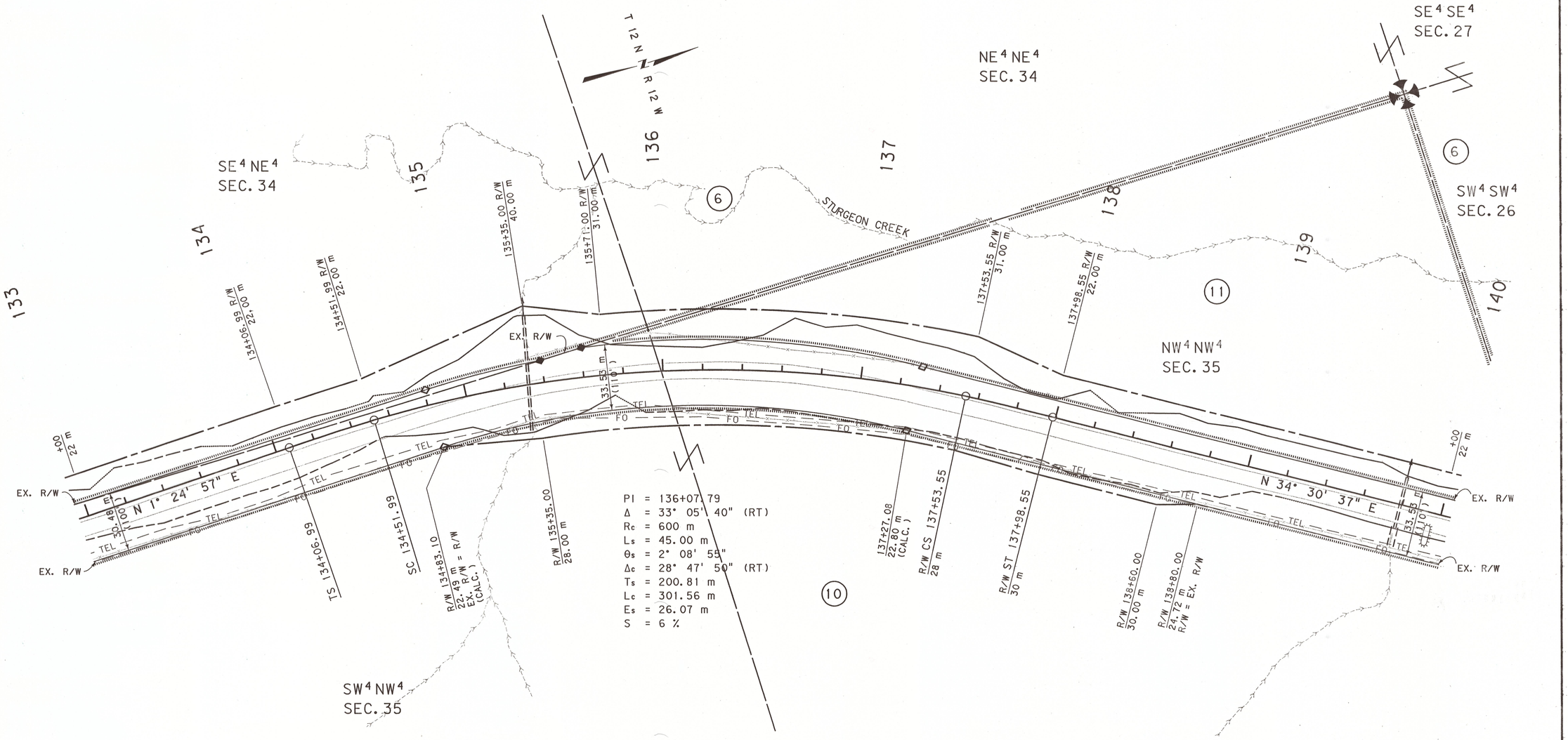
SEE SHEET NO. 2 FOR OWNERSHIP NAMES, ADDRESSES, AREAS, ETC.

MONTANA DEPARTMENT OF TRANSPORTATION

MONTANA CADD

ROBERT PECCIA & ASSOCIATES

RDROW



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FOR EXISTING R/W RETRACEMENT, SEE CERTIFICATE OF SURVEY 628RT

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BACKSLOPE LIMITS INCLUDE ROUNDING
CONSTRUCTION LIMITS: TOP OF CUT, CUT SECTION, TOE OF FILL, DITCH BOTTOM

FHWA/DOT APPROVAL 6-21-06

MAP REVISED

MONTANA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
POWELL COUNTY
SCALE 1:1000
0 50M 100M

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STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	STPS 271-2(5)7	11	28
PROJECT NUMBER 4468-005			

POWELL CO LINE - N

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

MONTANA DEPARTMENT OF TRANSPORTATION

MONTANA CADD

ROBERT PECCIA & ASSOCIATES

RDROW

T 12 N
R 12 W

140 141 142 143 144 145 146 147

STURGEON CREEK

SW¼ SW¼
SEC. 26

NW¼ SW¼
SEC. 26

NW¼ NW¼
SEC. 35

NE¼ NW¼
SEC. 35

SE¼ SW¼
SEC. 26

NE¼ SW¼
SEC. 26

EX. R/W

+00 22 m

(11)

TS 140+77.18 R/W 22 m

SC 141+22.18 R/W 22 m

N 34° 30' 37" E

33.53 m

EX. R/W

P.O.T. 140+56.34 IS S 87°26'45" E
238.86 m FROM THE SW CORNER
OF SECTION 26. (FND A.C.)

P.O.T. 140+56.34 IS N 87°26'45" W
563.71 m FROM THE S¼ CORNER
OF SECTION 26. (FND A.C.)

141+24.05
25.31 m
FND R/W MON.

PI = 143+53.36
Δ = 55° 41' 49" (LT)
Rc = 480 m
Ls = 45.00 m
θs = 2° 41' 09"
Δc = 50° 19' 32" (LT)
Ts = 276.19 m
Lc = 421.61 m
Es = 63.07 m
S = 6 %

144+60.00 R/W 22.00 m

CS 145+43.78 R/W 29 m

ST 145+88.78 R/W 29 m

+00 29 m

ARCHAEOLOGICAL SITE
24PW308

ARCHAEOLOGICAL SITE
24PW308

EX. R/W

N 21° 11' 12" W

EX. R/W

(6)

(10)

TEL FO

GRID STATE PLANE COORDINATES

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FOR EXISTING R/W RETRACEMENT, SEE CERTIFICATE OF SURVEY 628RT

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BACKSLOPE LIMITS INCLUDE ROUNDING
CONSTRUCTION LIMITS: TOP OF CUT, CUT SECTION, TOE OF FILL, DITCH BOTTOM

FHWA/DOT APPROVAL 6-21-06

MAP REVISED

MONTANA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
POWELL COUNTY
SCALE 1:1000
0 50M 100M

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STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	STPS 271-2(5)7	12	28
PROJECT NUMBER 4468-005			
POWELL CO LINE - N			

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

MONTANA DEPARTMENT OF TRANSPORTATION

MONTANA CADD

ROBERT PECCIA & ASSOCIATES

RDROW

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CPS - U0729
1 2

NE 4 SE 4
SEC. 27

SE 4 NE 4
SEC. 27

NE 4 NE 4
SEC. 27

T 12 N
R 12 W

147 148 149 150 151 152 153 154

STURGEON CREEK

ARCHAEOLOGICAL SITE 24PW308
NW 4 SW 4
SEC. 26

SW 4 NW 4
SEC. 26

NW 4 NW 4
SEC. 26

(6) (10) (12)

147+80.00 R/W 29.00 m
147+95.00 R/W 25.00 m
148+93.66 R/W 25.00 m
149+38.66 R/W 24.00 m
152+26.47 R/W 24.00 m
152+71.47 R/W 26.00 m
153+16.00 R/W 22.00 m

153+16.00 CONST. PMT.
BEG. 37 m CONST.
153+43.00 CONST. PMT.
END 37 m CONST.

+00 E 29 m
+00 E 22 m

EX. R/W

N 21° 11' 12" W

N 11° 41' 28" E

TEL
FO
W
W

33.53 m (110')
11.32 m
45.72 m (150')
39.62 m (130')

R/W 151+00.00
27.00 m

TS 148+93.66

SC 149+38.66

R/W 149+62.69
23.78 m R/W = EX. R/W (CALC.)

R/W 149+80.00
27.00 m

R/W 151+40.00
37.00 m

R/W 152+07.25
29.27 m R/W = EX. R/W (CALC.)

CS 152+26.47

ST 152+71.47

147+20.00
BEG. EASE.

147+37.00
END EASE.

PI = 150+87.33
Δ = 32° 52' 40" (RT)
Rc = 580 m
Ls = 45.00 m
θs = 2° 13' 22"
Δc = 28° 25' 57" (RT)
Ts = 193.67 m
Lc = 287.82 m
Es = 24.87 m
S = 6 %

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FOR EXISTING R/W RETRACEMENT, SEE CERTIFICATE OF SURVEY 628RT

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BACKSLOPE LIMITS INCLUDE ROUNDING
CONSTRUCTION LIMITS: TOP OF CUT, CUT SECTION, TOE OF FILL, DITCH BOTTOM

FHWA/DOT APPROVAL 6-21-06

MAP REVISED

MONTANA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
POWELL COUNTY
SCALE 1:1000
0 50M 100M

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	STPS 271-2(5)7	13	28
PROJECT NUMBER 4468-005			
POWELL CO LINE - N			

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

MONTANA DEPARTMENT OF TRANSPORTATION

MONTANA CADD

ROBERT PECCIA & ASSOCIATES

RDROW

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2 3 CPS - 00729

NE^4 NE^4
SEC. 27

6

T 12 N
R 12 W

154 155 156 157 158 159 160 161

P.O.T. 157+24.86 IS S 87°31'18" E
190.85 m FROM THE NW CORNER
OF SECTION 26. (FND STONE)

12

SW^4 SW^4
SEC. 23

NW^4 SW^4
SEC. 23

STURGEON CREEK

158+20.00 R/W 22.00 m
158+71.56 R/W 26.00 m
159+16.56 R/W 28.00 m
159+40.00 R/W 28.00 m
159+80.00 R/W 21.00 m

+00 22 m

EX. R/W

N 11° 41' 28" E

45.72 m (150')

30.48 m (100')

33.53 m (110')

TEL FO

+00 21 m

EX. R/W

R/W 160+05.00
24.00 m

+00 24 m

EX. R/W

NW^4 NW^4
SEC. 26

P.O.T. 157+24.86 IS N 87°31'18" W
617.31 m FROM THE N1/4 CORNER
OF SECTION 26. (FND A.C.)

R/W 157+98.86
23.74 m
EX. R/W = R/W
(CALC.)

R/W 158+25.00
30.00 m

R/WTS 158+71.56
30 m

R/W SC 159+16.56
30 m

R/W 159+80.00
30.00 m

PI = 160+57.56
Δ = 19° 31' 44" (RT)
Rc = 950 m
Ls = 45.00 m
θs = 1° 21' 25"
Δc = 16° 48' 54" (RT)
Ts = 186.00 m
Lc = 278.80 m
Es = 14.05 m
S = 4 %

10

SE^4 SW^4
SEC. 23

GRID STATE PLANE COORDINATES

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FOR EXISTING R/W RETRACEMENT, SEE CERTIFICATE OF SURVEY 628RT

NOTES:
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BACKSLOPE LIMITS INCLUDE ROUNDING
CONSTRUCTION LIMITS: TOP OF CUT, CUT SECTION, TOE OF FILL, DITCH BOTTOM

FHWA/DOT APPROVAL 6-21-06

MAP REVISED

MONTANA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
POWELL COUNTY
SCALE 1: 1000

0 50M 100M

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	STPS 271-2(5)7	14	28
PROJECT NUMBER 4468-005			

POWELL CO LINE - N

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

MONTANA DEPARTMENT OF TRANSPORTATION

MONTANA CADD

ROBERT PECCIA & ASSOCIATES

RDROW

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11/14/2006
11:20:03 AM
3
1
U0729

SW^4 NW^4
SEC. 23

NW^4 SW^4
SEC. 23

SE^4 NW^4
SEC. 23

SW^4 SW^4
SEC. 23

SE^4 SW^4
SEC. 23

NE^4 SW^4
SEC. 23

T 12 N
R 12 W

161 162 163 164 165 166 167 168

(12) (10)

161+95.36 R/W
21.00 m

162+40.36 R/W
19.93 m
R/W = EX. R/W

165+76.00
BEG. CONST. PMT.

165+96.00
END CONST. PMT.

166+65.00 R/W
20.22 m
EX. R/W = R/W

166+90.00 R/W
28.00 m

+00
21 m

+00
28 m

EX. R/W

30.48 m
(100')

45 m

45.72 m
(150')

N 31° 13' 12" E

TEL FO

+00
24 m

+00
30 m

R/W CS 161+95.36
24 m

R/W ST 162+40.36
28 m

R/W 164+10.00
28.00 m

R/W 164+37.85
25.62 m
R/W = EX. R/W
(CALC.)

R/W 166+50.96
25.48 m
EX. R/W = R/W
(CALC.)

R/W 166+90.00
30.00 m

PI = 160+57.56
Δ = 19° 31' 44" (RT)
Rc = 950 m
Ls = 45.00 m
θs = 1° 21' 25"
Δc = 16° 48' 54" (RT)
Ts = 186.00 m
Lc = 278.80 m
Es = 14.05 m
S = 4 %

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 0.99917467

FOR EXISTING R/W RETRACEMENT, SEE CERTIFICATE OF SURVEY 628RT

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
CONSTRUCTION LIMITS: CUT SECTION (TOP OF CUT, DITCH BOTTOM) TOE OF FILL

FHWA/DOT APPROVAL 6-21-06

MAP REVISED 11-13-06

MONTANA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
POWELL COUNTY
SCALE 1:1000

0 50M 100M

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	STPS 271-2(5)7	15	28
PROJECT NUMBER 4468-005			

POWELL CO LINE - N

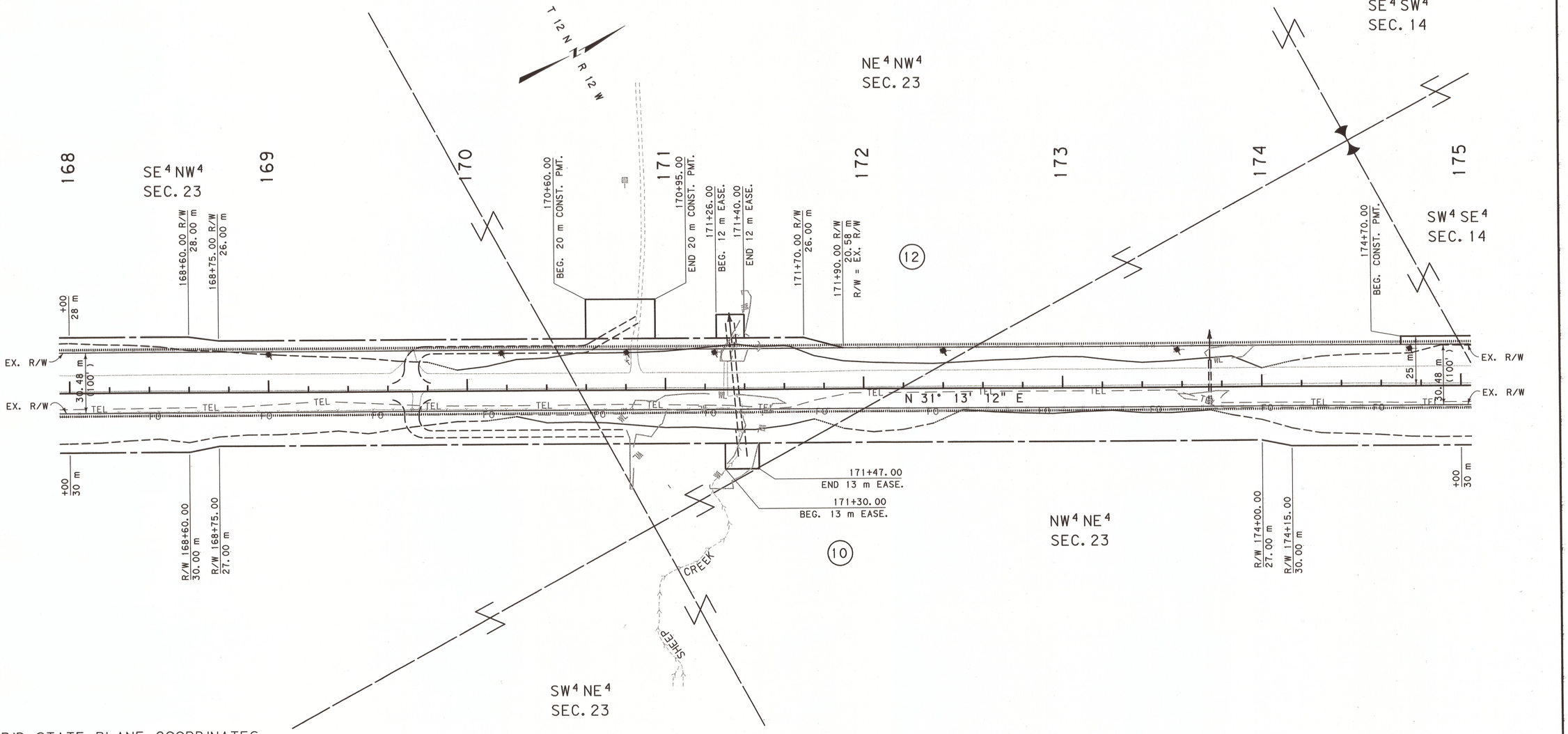
SEE SHEET NO. 2 FOR OWNERSHIP NAMES, ADDRESSES, AREAS, ETC.

MONTANA DEPARTMENT OF TRANSPORTATION

MONTANA CADD

ROBERT PECCIA & ASSOCIATES

RDROW



GRID STATE PLANE COORDINATES

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FOR EXISTING R/W RETRACEMENT, SEE CERTIFICATE OF SURVEY 628RT

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: CUT SECTION (TOP OF CUT, DITCH BOTTOM) TOE OF FILL

FHWA/DOT APPROVAL 6-21-06

MAP REVISED 11-13-06 1-3-07

MONTANA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
POWELL COUNTY
SCALE 1" = 100'

0 50M 100M

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1

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	STPS 271-2(5)7	16	28
PROJECT NUMBER 4468-005			

POWELL CO LINE - N

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

MONTANA DEPARTMENT OF TRANSPORTATION

MONTANA CADD

ROBERT PECCIA & ASSOCIATES

RDROW

SE¼ SW¼ SEC. 14

T 12 N R 12 W

175 176 177 178 179 180 181 182

P.O.T. 175+11.21 IS S 87°06'47" E 141.54 m FROM THE S¼ CORNER OF SECTION 14. (FND A.C.)

SW¼ SE¼ SEC. 14

NW¼ SE¼ SEC. 14

175+30.00 END CONST. PMT.

181+10.00 BEG. CONST. PMT.

181+70.00 END CONST. PMT.

EX. R/W

25 m

30.48 m (100')

N 31° 13' 12" E

TEL

WL

+00 30 m

+00 26 m

R/W 176+25.00 30.00 m

R/W 176+60.00 22.00 m

P.O.T. 175+11.21 IS N 87°06'47" W 662.32 m FROM THE SE CORNER OF SECTION 14. (FND A.C.)

R/W 180+80.00 22.00 m

R/W 180+95.00 26.00 m

NE¼ SE¼ SEC. 14

NW¼ NE¼ SEC. 23

SE¼ SE¼ SEC. 14

12

10

GRID STATE PLANE COORDINATES

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FOR EXISTING R/W RETRACEMENT, SEE CERTIFICATE OF SURVEY 628RT

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 CONSTRUCTION LIMITS: TOP OF CUT, CUT SECTION, TOE OF FILL, DITCH BOTTOM

FHWA/DOT APPROVAL 6-21-06

MAP REVISED

MONTANA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
POWELL COUNTY
SCALE 1:1000

0 50M 100M

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STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	STPS 271-2(5)7	17	28
PROJECT NUMBER 4468-005			

POWELL CO LINE - N

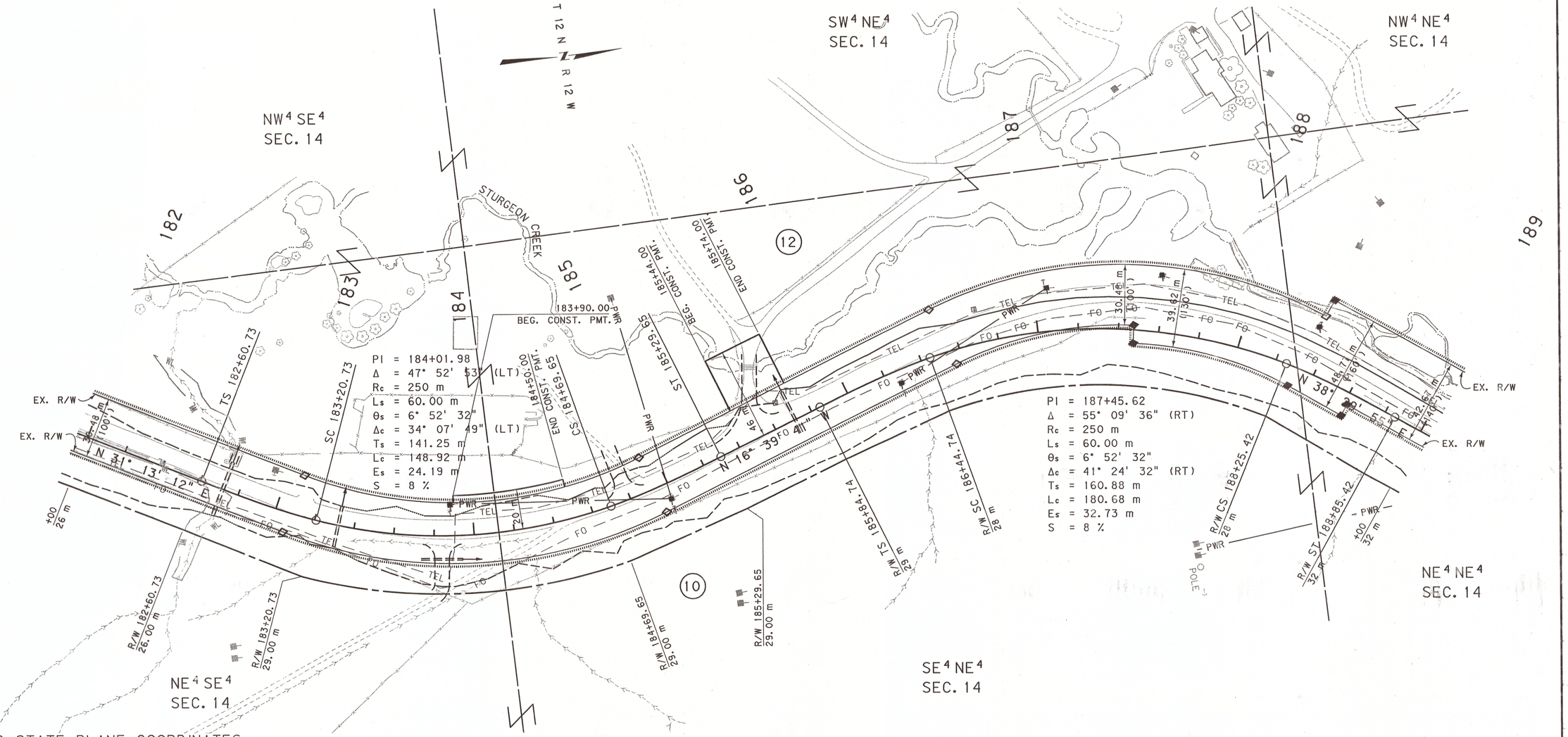
SEE SHEET NO. 2 FOR OWNERSHIP NAMES, ADDRESSES, AREAS, ETC.

MONTANA DEPARTMENT OF TRANSPORTATION

MONTANA CADD

ROBERT PECCIA & ASSOCIATES

RDROW



GRID STATE PLANE COORDINATES

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FOR EXISTING R/W RETRACEMENT, SEE CERTIFICATE OF SURVEY 628RT

NOTES:
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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; DITCH BOTTOM; TOE OF FILL

FHWA/DOT APPROVAL 6-21-06

MAP REVISED

MONTANA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
POWELL COUNTY
SCALE 1:1000

0 50M 100M

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3
1
EPS - U0729

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	STPS 271-2(5)7	18	28
PROJECT NUMBER 4468-005			

POWELL CO LINE - N

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

MONTANA DEPARTMENT OF TRANSPORTATION

MONTANA CADD

ROBERT PECCIA & ASSOCIATES

RDROW

SE^4 SE^4
SEC. 11

SW^4 SW^4
SEC. 12

NE^4 NE^4
SEC. 14

NW^4 NW^4
SEC. 13

T 12 N
R 12 W

P.O.C. 192+81.12 IS S 01°59'51" W
57.68 m FROM THE NE CORNER
OF SECTION 14. (FND B.C.)

P.O.C. 192+81.12 IS N 01°59'51" E
750.15 m FROM THE E1/4 CORNER
OF SECTION 14. (FND A.C.)

P.O.C. 194+56.72 IS N 87°30'34" W
651.35 m FROM THE N1/4 CORNER
OF SECTION 13. (FND B.C.)

P.O.C. 194+56.72 IS S 87°30'34" E
166.15 m FROM THE NW CORNER
OF SECTION 13. (FND B.C.)

PI = 192+44.35
Δ = 36° 21' 19" (RT)
Rc = 280 m
Ls = 60.00 m
θs = 6° 08' 20"
Δc = 24° 04' 39" (RT)
Ts = 122.10 m
Lc = 117.67 m
Es = 15.27 m
S = 8 %

PI = 196+09.20
Δ = 36° 25' 17" (LT)
Rc = 350 m
Ls = 60.00 m
θs = 4° 54' 40"
Δc = 26° 35' 57" (LT)
Ts = 145.28 m
Lc = 162.49 m
Es = 18.91 m
S = 8 %

N 38° 29' 58" E

N 74° 51' 14" E

EX. R/W

EX. BLM ACCESS EASE.

DOUGLAS CR

PWR

TEL

FO

WL

WR

R/W TS 191+22.24
32 m

R/W SC 191+82.24
43 m

R/W CS 192+99.91
43 m

R/W ST 193+59.91
41 m

R/W 194+63.92
41.00 m

R/W 195+23.92
28.00 m.

TS 194+63.92 R/W
EX. R/W = R/W

SC 195+23.92 R/W
29 m

193+98.37
18.55 m
FND R/W MON.

15.24 m
(50')

33.53 m
(110')

30.48 m
(100')

GRID STATE PLANE COORDINATES

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FOR EXISTING R/W RETRACEMENT, SEE CERTIFICATE OF SURVEY 628RT

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
CONSTRUCTION LIMITS: CUT SECTION (TOP OF CUT, DITCH BOTTOM) TOE OF FILL

FHWA/DOT APPROVAL 6-21-06

MAP REVISED

MONTANA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
POWELL COUNTY
SCALE 1:1000

0 50M 100M

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1

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	STPS 271-2(5)7	19	28
PROJECT NUMBER 4468-005			
POWELL CO LINE - N			

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

MONTANA DEPARTMENT OF TRANSPORTATION

MONTANA CADD

ROBERT PECCIA & ASSOCIATES

RDROW

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3
N

T 12 N
R 12 W

NW4 SW4
SEC. 12

SW4 SW4
SEC. 12

NE4 SW4
SEC. 12

SE4 SW4
SEC. 12

NW4 NW4
SEC. 13

NE4 NW4
SEC. 13

NW4 SE4
SEC. 12

DOUGLAS CREEK

PI = 196+09.20
Δ = 36° 25' 17" (LT)
Rc = 350 m
Ls = 60.00 m
θs = 4° 54' 40"
Δc = 26° 35' 57" (LT)
Ts = 145.28 m
Lc = 162.49 m
Es = 18.91
S = 8 %

CS 196+86.40
R/W = 29 m

ST 197+46.40

R/W 196+86.40
28.00 m

R/W 197+46.40
30.00 m

R/W 197+93.00 R/W
27.00 m

R/W 198+20.00
20.00 m

198+53.00 R/W
43.00 m

198+60.00
BEG. 5 m CONST. PMT.

199+20.00
END 5 m CONST. PMT.

199+30.00 R/W
22.00 m

200+80.00 R/W
22.00 m

201+00.00 R/W
27.00 m

R/W 201+28.00
20.00 m

R/W 201+60.00
28.00 m

202+40
BEG. CONST. PMT.

N 38° 25' 57" E

EX. R/W

TEL

FO

PWR

13A

GRID STATE PLANE COORDINATES

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FOR EXISTING R/W RETRACEMENT, SEE CERTIFICATE OF SURVEY 628RT

NOTES:
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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
CONSTRUCTION LIMITS: CUT SECTION TOP OF CUT, TOE OF FILL DITCH BOTTOM

FHWA/DOT APPROVAL 6-21-06

MAP REVISED 8-08-07

MONTANA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
POWELL COUNTY
SCALE 1:1000

0 50M 100M

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	STPS 271-2(5)7	20	28
PROJECT NUMBER 4468-005			

POWELL CO LINE - N

SEE SHEET NO. 2,3 FOR OWNERSHIP NAMES, ADDRESSES, AREAS, ETC.

MONTANA DEPARTMENT OF TRANSPORTATION

MONTANA CADD

ROBERT PECCIA & ASSOCIATES

RDROW

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12/23/2008
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CPS - U9582
3
1

NE¼ SW¼ SEC. 12

SE¼ NW¼ SEC. 12

NE¼ NW¼ SEC. 12

T 12 N R 12 W

203 204 205 206 207 208 209 210

902

DOUGLAS CREEK

13A 13 18 19 20 20A 21

TS 203+16.01 R/W 27 m

SC 203+76.01 R/W 25 m

CONST. PMT. 15.24 R/W

CONST. PMT. 26.67 R/W

CONST. PMT. 16.51 R/W

TS 205+25.24 R/W 26 m

CONST. PMT.

205+85.24 R/W 15.24 R/W

205+96.25 R/W 15.24 R/W

END CONST. PMT. 206+26.00

BEG. CONST. PMT. 206+51.00

BEG. CONST. PMT. 206+69.11

END CONST. PMT. 207+29.11

207+92.12
2.41 m
(CALC.)

208+02.98
37.01 m
FND R/W MON.

PI = 204+58.79
Δ = 52° 07' 18" (LT)
Rc = 230 m
Ls = 60.00 m
θs = 7° 28' 24"
Δc = 37° 10' 30" (LT)
Ts = 142.78 m
Lc = 149.23 m
Es = 26.76 m
S = 8 %

204+30.00 CONST. PMT.
204+60.00 R/W 25.00 m

IRR. DT. CH.

N 38° 25' 57" E

N 1° 41' 27" E

N 27° 44' 59" E

EX. R/W

EX. ACCESS EASE.

9.14m (30')

R/W 203+16.01 28.00 m

R/W 203+76.01 21 m

R/W 203+90.82 20.51 m EX. R/W FND R/W MON.

R/W 205+85.24 R/W 15.24 R/W 12 m EX.

206+08.80 26.86 m (CALC.)

R/W 206+69.17 104 m

R/W 207+29.17 133 m

R/W SC 207+29.17 60 m

R/W CS 208+35.51 20 m

R/W ST 208+96.51 20 m

R/W 209+70.00 34.00 m

R/W 207475.00
67.00 m

207+75 R/W 126 m

PI = 207+86.40
Δ = 41° 26' 20" (RT)
Rc = 230 m
Ls = 60.00 m
θs = 7° 28' 24"
Δc = 26° 29' 32" (RT)
Ts = 117.23 m
Lc = 106.35 m
Es = 16.60 m
S = 8 %

C.O.S. No. 157 TRACT A

C.O.S. No. 157 TRACT B

NW¼ SE¼ SEC. 12

SW¼ NE¼ SEC. 12

NW¼ NE¼ SEC. 12

GRID STATE PLANE COORDINATES

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FOR EXISTING R/W RETRACEMENT, SEE CERTIFICATE OF SURVEY 628RT

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4. ALL STATIONS AND OFFSETS FOR R/W BREAKS ARE IN REFERENCE TO THE R/W BASELINE.

BACKSLOPE LIMITS INCLUDE ROUNDING
CONSTRUCTION LIMITS: CUT SECTION (TOP OF CUT, DITCH BOTTOM) TOE OF FILL

FHWA/DOT APPROVAL 6-21-06

MAP REVISED 8-08-07 12-22-08

MONTANA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
POWELL COUNTY
SCALE 1:1000

0 50M 100M

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	STPS 271-2(5)7	21	28
PROJECT NUMBER 4468-005			
POWELL CO LINE - N			

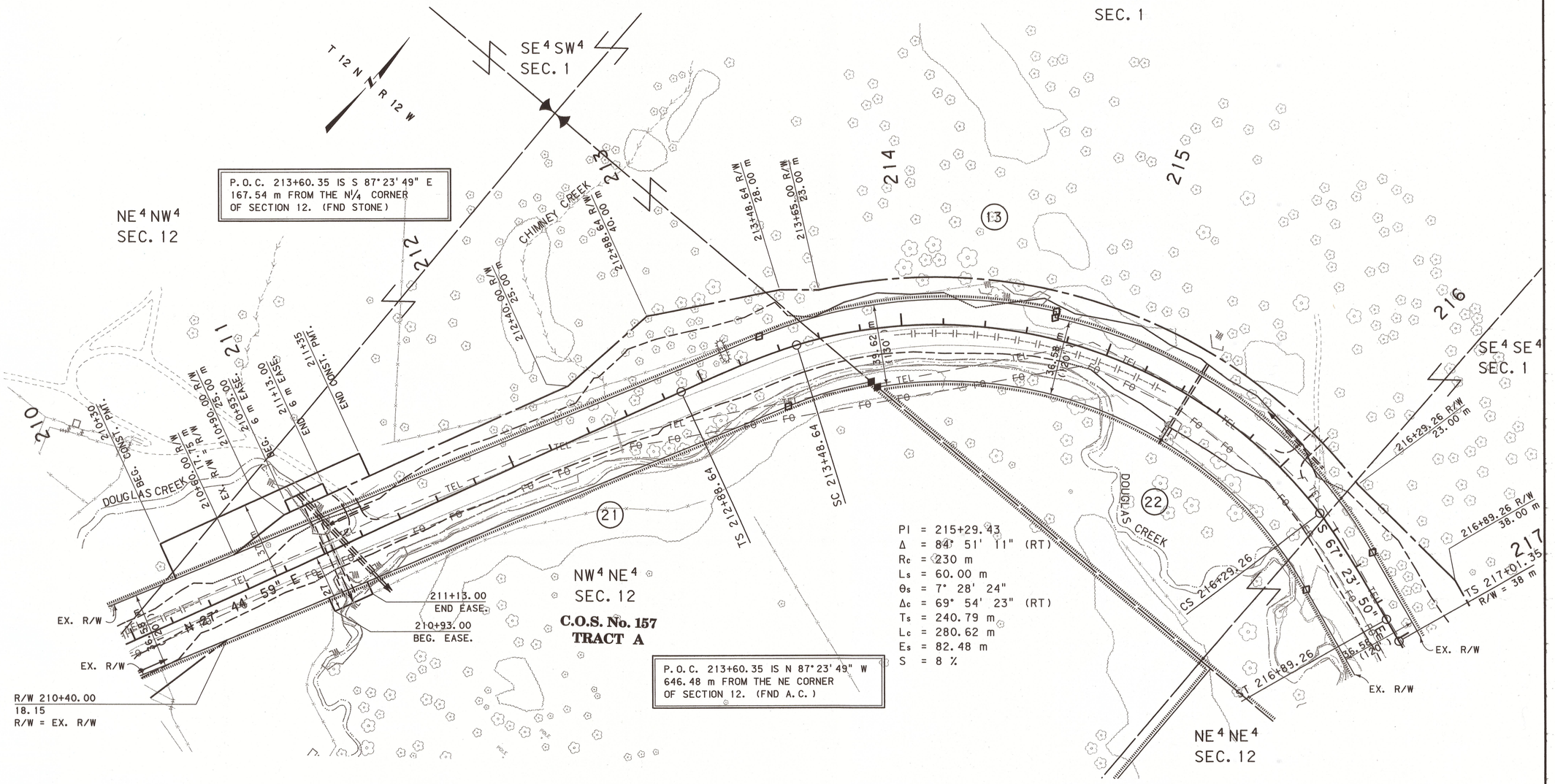
SEE SHEET NO. 2,3 FOR OWNERSHIP NAMES, ADDRESSES, AREAS, ETC.

MONTANA DEPARTMENT OF TRANSPORTATION

MONTANA CADD

ROBERT PECCIA & ASSOCIATES

RDROW



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BACKSLOPE LIMITS INCLUDE ROUNDING
CONSTRUCTION LIMITS: CUT SECTION, TOP OF CUT, DITCH BOTTOM, TOE OF FILL

FHWA/DOT APPROVAL 6-21-06

MAP REVISED 4-13-07

MONTANA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
POWELL COUNTY
SCALE 1:1000
0 50M 100M

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STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	STPS 271-2(5)7	22	28
PROJECT NUMBER 4468-005			

POWELL CO LINE - N

SEE SHEET NO. 2,3 FOR OWNERSHIP NAMES, ADDRESSES, AREAS, ETC.

MONTANA DEPARTMENT OF TRANSPORTATION

MONTANA CADD

ROBERT PECCIA & ASSOCIATES

RDROW

SE^4 SE^4
SEC. 1

PI = 218+34.55
Δ = 48° 13' 00" (LT)
Rc = 230 m
Ls = 60.00 m
θs = 7° 28' 24"
Δc = 33° 16' 12" (LT)
Ts = 133.20 m
Lc = 133.55 m
Es = 22.69 m
S = 8 %

P.O.T. 220+67.42 IS S 02°55'39" W
666.13 m FROM THE E1/4 CORNER
OF SECTION 1 . (FND B.L.M. A.C.)

PI = 223+02.47
Δ = 42° 52' 52" (LT)
Rc = 230 m
Ls = 60.00 m
θs = 7° 28' 24"
Δc = 27° 56' 04" (LT)
Ts = 120.56 m
Lc = 112.14 m
Es = 17.80 m
S = 8 %

U. S. GOVT.
LOT 6
SEC. 6

TS 217+01.35 R/W 38 m
SC 217+61.35 R/W 33 m
CS 218+94.91 R/W 33 m
ST 219+54.91 R/W 31 m
220+12.00 R/W 20.00 m
TS 221+81.90 R/W 20 m
SC 222+41.90 R/W 21 m
CS 223+54.04 R/W 35 m

EX. R/W
EX. R/W

N 61° 23' 50" E (120°)

N 64° 23' 10" E (120°)

T 12 N, R 12 W
T 12 N, R 11 W

PWR
TEL
FO

33.53 m (110')
36.58 m (120')
48.77 m (160')

217
218
219
220
221
222
223
224

13
23
22

TREE COVER
BRUSH

DOUGLAS CREEK

NE^4 NE^4
SEC. 12

P.O.T. 220+67.42 IS N 02°55'39" E
139.30 m FROM THE SE CORNER
OF SECTION 1 . (FND A.C.)

U. S. GOVT.
LOT 7
SEC. 6

GRID STATE PLANE COORDINATES

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FOR EXISTING R/W RETRACEMENT, SEE CERTIFICATE OF SURVEY 628RT

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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, DITCH BOTTOM, TOE OF FILL

FHWA/DOT APPROVAL 6-21-06

MAP REVISED

MONTANA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
POWELL COUNTY
SCALE 1:1000
0 50M 100M

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8/30/2006
7:06:16 AM
2 3
DPS - U0729

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	STPS 271-2(5)7	23	28
PROJECT NUMBER 4468-005			
POWELL CO LINE - N			

SEE SHEET NO. 2,3 FOR OWNERSHIP NAMES, ADDRESSES, AREAS, ETC.

MONTANA DEPARTMENT OF TRANSPORTATION

MONTANA CADD

ROBERT PECCIA & ASSOCIATES

RDROW

U. S. GOVT.
LOT 6
SEC. 6

T 12 N R 11 W

U. S. GOVT.
LOT 5
SEC. 6

PI = 223+02.47
Δ = 42° 52' 52" (LT)
Rc = 230 m
Ls = 60.00 m
θs = 7° 28' 24"
Δc = 27° 56' 04" (LT)
Ts = 120.56 m
Lc = 112.14 m
Es = 17.80 m
S = 8 %

ST 224+14.04 R/W = 36 m

N 21° 30' 18" E

ABD. LINE

EX. R/W

TS 224+31.25

SC 225+88.25

225+60.73 (CALC.) 24.17 m

224+31.25 R/W 36 m

224+86.25 R/W 36.00 m

225+80.00 R/W 36.00 m

226+26.98 R/W 31.00 m

226+81.98 R/W 31.00 m

BEG. 12 m CONST. PMT. 227+10.00

END 12 m CONST. PMT. 227+28.00

BEG. 6 m EASE. 227+34.00

END 6 m EASE. 227+46.00

227+60.00 R/W 31.00 m

227+80.00 R/W 25.84 m
R/W = EX. R/W

227+40.30
26.95 m
END R/W MON.

226

227

228

229

230

231

SE 4 NW 4
SEC. 6

P.O.T. 230+01.11 IS S 87° 28' 28" E
615.52 m FROM THE E 1/4 CORNER
OF SECTION 1 . (FND B.L.M. A.C.)

EX. R/W

EX. EASE.

N 49° 32' 26" E

39.62 m (130')

42.67 m (140')

R/W 230+00.00
23.00 m

R/W 230+26.58
23.74 m
R/W = EX. R/W
FND R/W MON.

P.O.T. 230+01.11 IS N 87° 28' 28" W
245.94 m FROM THE CENTER CORNER
OF SECTION 6 . (FND B.L.M. A.C.)

PI = 232+30.40
Δ = 55° 33' 25" (RT)
Rc = 250 m
Ls = 60.00 m
θs = 6° 52' 32"
Δc = 41° 48' 21" (RT)
Ts = 161.99 m
Lc = 182.41 m
Es = 33.24 m
S = 8 %

TS 230+68.41

PI = 225+58.69
Δ = 28° 02' 08" (RT)
Rc = 400 m
Ls = 55.00 m
θs = 3° 56' 21"
Δc = 20° 09' 27" (RT)
Ts = 127.44 m
Lc = 140.73 m
Es = 12.60 m
S = 7 %

65 m

25 m

R/W CS 226+26.98
19.17 m
EX. R/W = R/W

226+26.98
CONST. PMT.

R/W ST 226+81.98
28 m
END CONST. PMT.

227+39.19
12.62 m
FND R/W MON.

225+90.00
BEG. CONST. PMT.

227+65.00
BEG. 41 m CONST. PMT.

227+87.00
END 41 m CONST. PMT.

DOUGLAS CREEK

R/W 228+40.00
28.00 m

R/W 228+60.00
23.00 m

U. S. GOVT.
LOT 7
SEC. 6

NE 4 SW 4
SEC. 6

23

24

25

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 0.99917467

FOR EXISTING R/W RETRACEMENT, SEE CERTIFICATE OF SURVEY 628RT

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 CONSTRUCTION LIMITS: CUT SECTION (TOP OF CUT, DITCH BOTTOM) TOE OF FILL

FHWA/DOT APPROVAL 6-21-06

MAP REVISED

MONTANA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
POWELL COUNTY
SCALE 1:1000
0 50M 100M

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8/30/2006
11:35:20 AM
3
U0729
1

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	STPS 271-2(5)7	24	28
PROJECT NUMBER 4468-005			

POWELL CO LINE - N

SEE SHEET NO. 3 FOR OWNERSHIP NAMES, ADDRESSES, AREAS, ETC.

MONTANA DEPARTMENT OF TRANSPORTATION

MONTANA CADD

ROBERT PECCIA & ASSOCIATES

RDROW

c:\dgn\4468roainz07.dgn
6/30/2006
7:06:23 AM
2 CPS - U0729

T 12 N R 11 W

SE¼ NW¼
SEC. 6

SW¼ NE¼
SEC. 6

SE¼ NE¼
SEC. 6

NE¼ SW¼
SEC. 6

NW¼ SE¼
SEC. 6

PI = 232+30.40
Δ = 55° 33' 25" (RT)
Rc = 250 m
Ls = 60.00 m
θs = 6° 52' 32"
Δc = 41° 48' 21" (RT)
Ts = 161.99 m
Lc = 182.41 m
Es = 33.24 m
S = 8 %

PI = 235+67.08
Δ = 34° 33' 17" (LT)
Rc = 250 m
Ls = 60.00 m
θs = 6° 52' 32"
Δc = 20° 48' 13" (LT)
Ts = 107.93 m
Lc = 90.77 m
Es = 12.44 m
S = 8 %

S 74° 54' 09" E

N 70° 32' 34" E

TS 233+59.15

CS 233+10.82

ST 233+70.82

SC 235+19.15

CS 236+09.92

ST 236+69.92

TS 234+59.15

DOUGLAS CREEK

EX. EASE.

EX. R/W

R/W = EX. EASE.

EX. EASE. = R/W

FND R/W MON.

R/W ST 233+70.82
20.66 m
EX. EASE. = R/W

R/W 233+90.00
24.00 m

R/W 234+59.15
24.00 m

R/W 235+19.15
33.00 m

R/W 235+65.00
24.10 m
R/W = EX. EASE.

235+65.00 R/W
31.00 m

R/W 236+93.82
21.97 m
EX. EASE. = R/W
FND R/W MON.

237+13.52 R/W
26.79 m
EX. EASE.
FND R/W MON.

237+35.00 R/W
26.00 m

237+55.00 R/W
21.00 m

R/W 237+00.00
21.00 m

237+24.00
END 23 m CONST. PMT.

237+06.00
BEG. 23 m CONST. PMT.

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FOR EXISTING R/W RETRACEMENT, SEE CERTIFICATE OF SURVEY 628RT

NOTES:
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BACKSLOPE LIMITS INCLUDE ROUNDING
CONSTRUCTION LIMITS: CUT SECTION TOP OF CUT, TOE OF FILL DITCH BOTTOM

FHWA/DOT APPROVAL 6-21-06

MAP REVISED

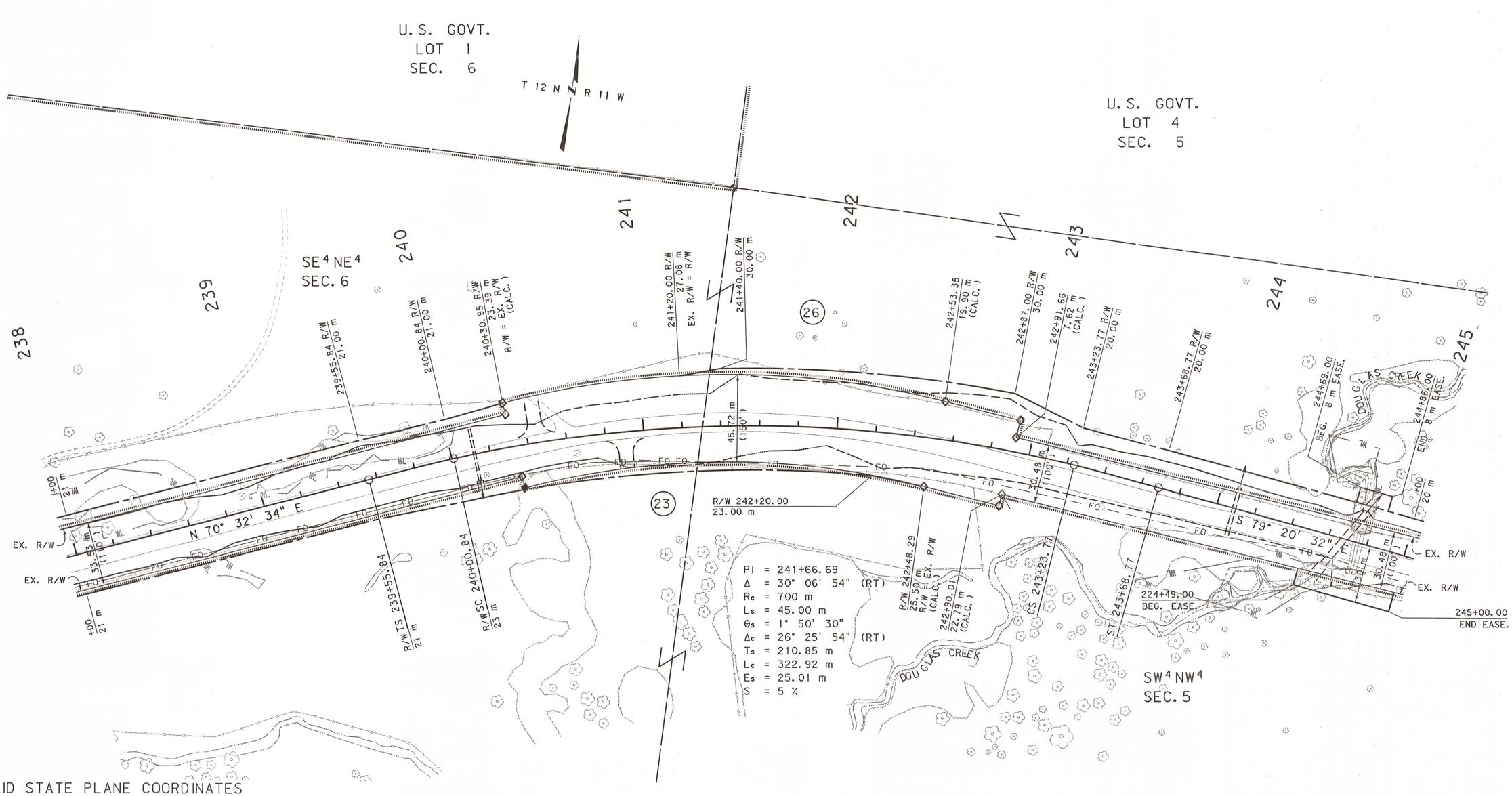
MONTANA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
POWELL COUNTY
SCALE 1:1000

0 50M 100M

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	STPS 271-2(5)7	25	28
PROJECT NUMBER 4468-005			
POWELL CO LINE - N			

SEE SHEET NO. 3 FOR OWNERSHIP NAMES, ADDRESSES, AREAS, ETC.



GRID STATE PLANE COORDINATES

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BACKSLOPE LIMITS INCLUDE ROUNDING
CONSTRUCTION LIMITS: TOP OF CUT, CUT SECTION, TOE OF FILL, DITCH BOTTOM

FHWA/DOT APPROVAL 6-21-06

MAP REVISED

MONTANA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
POWELL COUNTY
SCALE 1:1000

0 50M 100M

MONTANA DEPARTMENT OF TRANSPORTATION
MONTANA CADD
ROBERT PECCIA & ASSOCIATES
RDROW

c:\dgn\4468rop\n208.dgn
8/30/2006
7:06:28 AM
2 3 CPS - 00729

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	STPS 271-2(5)7	26	28
PROJECT NUMBER 4468-005			
POWELL CO LINE - N			

SEE SHEET NO. 3 FOR OWNERSHIP NAMES, ADDRESSES, AREAS, ETC.

MONTANA DEPARTMENT OF TRANSPORTATION

MONTANA CADD

ROBERT PECCIA & ASSOCIATES

RDROW

U. S. GOVT.
LOT 3
SEC. 5

U. S. GOVT.
LOT 2
SEC. 5

245 246 247 248 249 250 251 252

T 12 N R 11 W

26 27 28 23

DOUGLAS CREEK

IRRIGATION

EX. R/W

EX. R/W

30.48 m (100')

S 79° 20' 32" E

FO

33.53 m (110')

51 m

57 m

23 m

53 m

245+00.00 END EASE.

245+00 20 m

246+90.00 R/W 20.00 m

247+18.00 R/W 16.36 m R/W = EX. R/W

247+20.00 BEG. CONST. PMT.

247+40.00 END CONST. PMT.

R/W 246+90.00 14.83 m EX. R/W = R/W

247+17.89 14.11 m FND R/W MON.

R/W 247+40.00 27.00 m

247+28.00 BEG. CONST. PMT.

247+56.00 END CONST. PMT.

TS 249+91.17

SC 250+36.17

PI = 251+12.82
Δ = 18° 45' 45" (LT)
Rc = 600 m
Ls = 45.00 m
θs = 2° 08' 55"
Δc = 14° 27' 55" (LT)
Ts = 121.65 m
Lc = 151.48 m
Es = 8.28 m
S = 6 %

250+56.02
23.46 m (CALC.)

251+20.00 BEG. CONST. PMT.

CS 251+87.65

R/W 251+87.65 27.00 m

248+80.00 BEG. 4 m CONST. PMT.

249+20.00 END 4 m CONST. PMT.

R/W 249+91.17 27.00 m

R/W 250+36.17 27.00 m

ARCHAEOLOGICAL SITE 24PW791

ARCHAEOLOGICAL SITE 24PW792

SW¼ NW¼ SEC. 5

SE¼ NW¼ SEC. 5

SW¼ NE¼ SEC. 5

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FOR EXISTING R/W RETRACEMENT, SEE CERTIFICATE OF SURVEY 628RT

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BACKSLOPE LIMITS INCLUDE ROUNDING
CONSTRUCTION LIMITS: CUT SECTION TOP OF CUT, TOE OF FILL, DITCH BOTTOM

FHWA/DOT APPROVAL 6-21-06

MAP REVISED

MONTANA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
POWELL COUNTY
SCALE 1:1000

0 50M 100M

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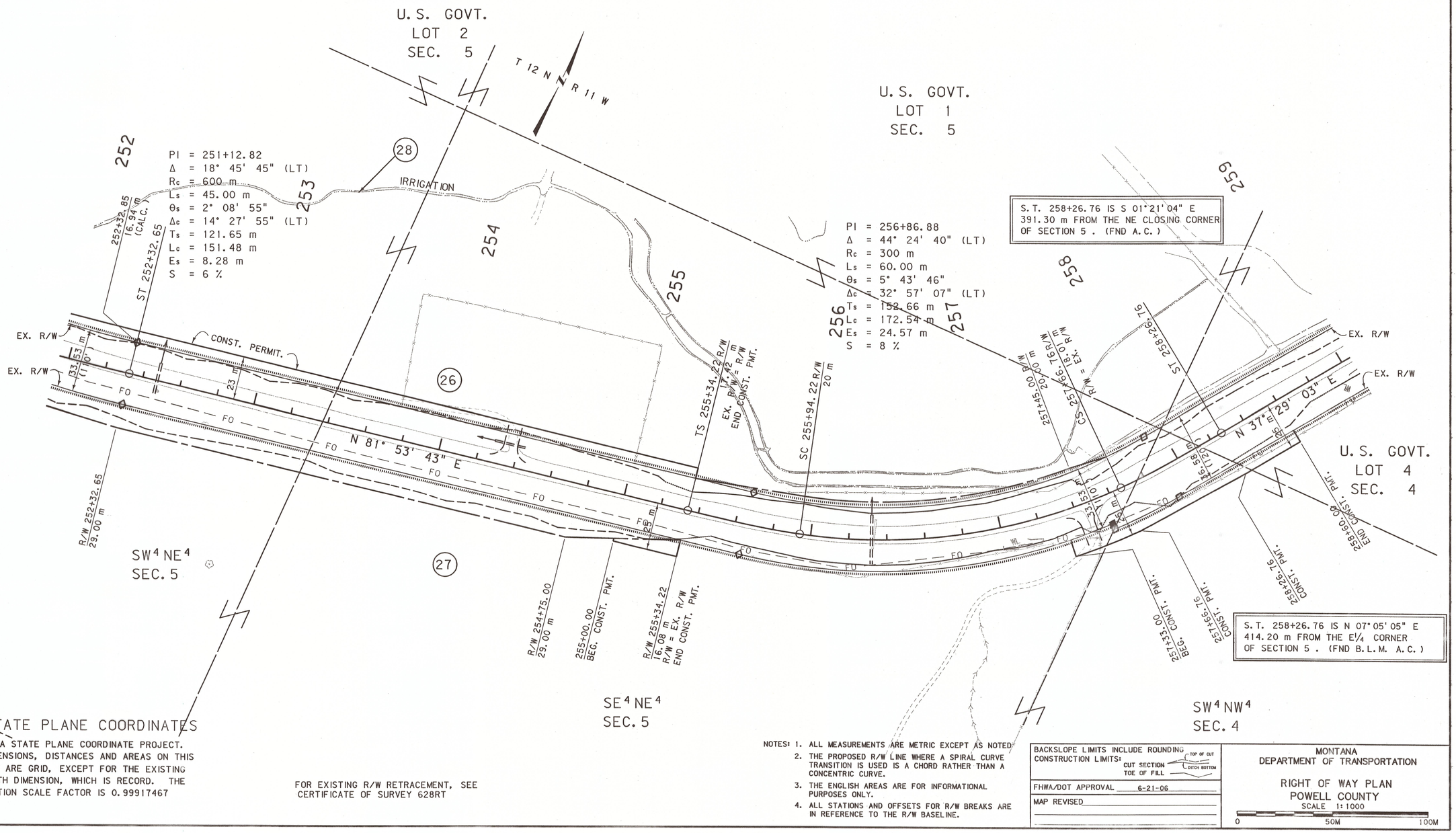
8/30/2006
7:06:31 AM
3 CPS - 00729

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	STPS 271-2(5)7	27	28
PROJECT NUMBER 4468-005			

POWELL CO LINE - N

SEE SHEET NO. 3 FOR OWNERSHIP NAMES, ADDRESSES, AREAS, ETC.



S.T. 258+26.76 IS N 07° 05' 05" E
414.20 m FROM THE E¼ CORNER
OF SECTION 5 . (FND B.L.M. A.C.)

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BACKSLOPE LIMITS INCLUDE ROUNDING
CONSTRUCTION LIMITS: CUT SECTION — TOP OF CUT; TOE OF FILL — DITCH BOTTOM

FHWA/DOT APPROVAL 6-21-06

MAP REVISED

MONTANA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
POWELL COUNTY
SCALE 1:1000
0 50M 100M

MONTANA DEPARTMENT OF TRANSPORTATION
MONTANA CADD
ROBERT PECCIA & ASSOCIATES
RDROW

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8/30/2006
7:06:34 AM
CPS - U0729
2
1

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	STPS 271-2(5)7	28	28
PROJECT NUMBER 4468-005			

POWELL CO LINE - N

SEE SHEET NO. 3 FOR OWNERSHIP NAMES, ADDRESSES, AREAS, ETC.

MONTANA DEPARTMENT OF TRANSPORTATION

MONTANA CADD

ROBERT PECCIA & ASSOCIATES

RDROW

z:\dgn\4468rdwn209.dgn
8/30/2006
7:36:38 AM
PPS - U0729

SE¼ SW¼ SEC. 33

U. S. GOVT. LOT 1 SEC. 5

259 260 261 262 263 SW¼ SE¼ SEC. 33 264 265

T 13 N, R 11 W
T 12 N, R 11 W

(26) (28) (27)

IRRIGATION

EX. R/W

N 37° 29' 03" E

36.58 m (120')

48.77 m (160')

30.48 m (100')

59 m

24 m

38.10 m (125')

P.O.T. 263+01.74 IS S 87° 15' 30" E 298.61 m FROM THE NW CLOSING CORNER OF SECTION 4 . (FND A.C.)

P.O.T. 263+01.74 IS N 87° 15' 30" W 504.07 m FROM THE N¼ CORNER OF SECTION 4 . (FND A.C.)

263+05.00 BEG. CONST. PMT.

263+26.00 END CONST. PMT.

263+43.00 BEG. EASE, COTTONWOOD CREEK

263+60.00 END EASE. END ACQUISITION LT.

POT 264+65.00

POT 265+45.00

263+50.00 BEG. 4 m EASE.

263+67.00 END 4 m EASE.

260+26.00 BEG. EASE.

260+40.00 END EASE.

R/W 262+12.11 25.94 m EX. R/W = R/W (CALC.)

R/W 262+30.00 20.00 m

R/W 264+10.00 20.00 m

R/W 264+25.21 19.45 m R/W = EX. R/W (CALC.) END ACQUISITION RT.

C.O.S. No. 52

STA. 264+65.00 END STPS 271-2(4)7 =
STA. 263+60.38 ON SFCS 271-2(2)18 =
STA. 872+29.3 (ENG.) ON S 36(3)

U. S. GOVT. LOT 4 SEC. 4

U. S. GOVT. LOT 3 SEC. 4

SE¼ SE¼ SEC. 33

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BACKSLOPE LIMITS INCLUDE ROUNDING
CONSTRUCTION LIMITS: CUT SECTION — TOP OF CUT; TOE OF FILL — DITCH BOTTOM

FHWA/DOT APPROVAL 6-21-06

MAP REVISED

MONTANA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
POWELL COUNTY
SCALE 1:1000

0 50M 100M