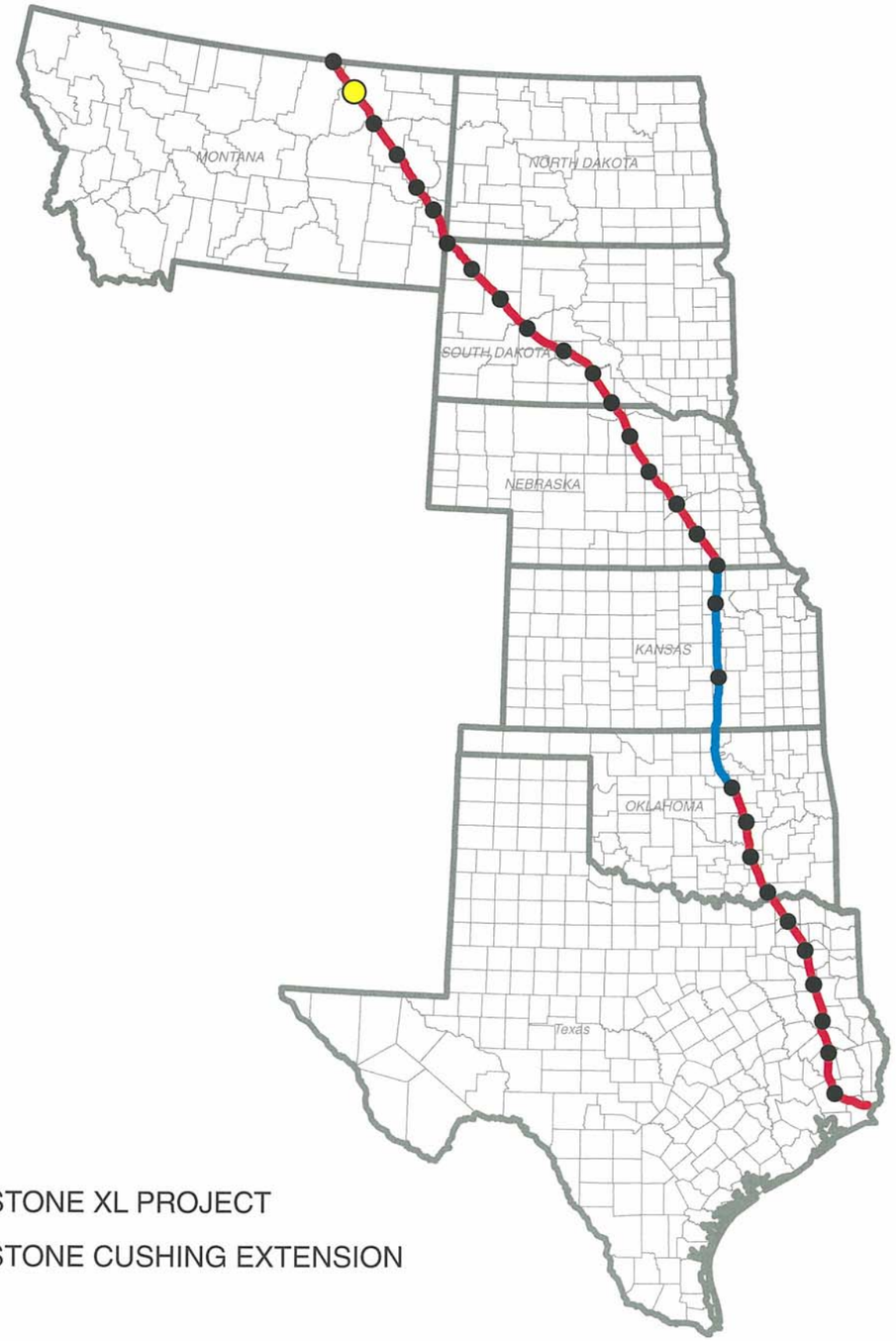
TransCanada Keystone Pipeline, L.P.
United States Department of State
Keystone XL Project
Appendix B
Powerline Aerial and
USGS Route Sheets
PS-10



KEYSTONE XL PROJECT

KEYSTONE CUSHING EXTENSION

N
W E
S

TROW ENGINEERING CONSULTANTS, INC.
JULY 6, 2009
REVISION 1

2/15/09 CENTERLINE

PREPARED BY:
TROW ENGINEERING CONSULTANTS INC.
1300 Metropolitan Boulevard, Suite 200
Tallahassee, Florida , USA 32308
Phone: 1-850-385-5441
Fax: 1-850-385-5523

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DRAWING NUMBER	DRAWN BY	CHECKED BY	APPROVED BY
XL-FIPS-ML-2003-P-000	GS	SS	RG

KEYSTONE XL PROJECT
ROUTE SHEETS

MAP PARAMETERS
PROJECTION: NAD83, UTM: 13N
NTS

PROJECT: 50388X

SHEET: COVER SHEET

SEC 26 32N 37E
SEC 25 32N 37E
SEC 30 32N 38E
SEC 29 32N 38E
SEC 28 32N 38E
SEC 27 32N 38E
SEC 26 32N 38E
SEC 35 32N 37E
SEC 36 32N 37E
SEC 31 32N 38E
SEC 32 32N 38E
SEC 33 32N 38E
SEC 34 32N 38E
SEC 35 32N 38E
SEC 2 31N 37E
SEC 1 31N 37E
SEC 6 31N 38E
SEC 5 31N 38E
SEC 4 31N 38E
SEC 3 31N 38E
SEC 2 31N 38E
SEC 11 31N 37E
SEC 12 31N 37E
SEC 7 31N 38E
SEC 8 31N 38E
SEC 9 31N 38E
SEC 10 31N 38E
SEC 11 31N 38E

N
W
E
S

Buggy Creek
Canyon Creek
Brush Fork
Bear Creek
Wolf Creek
Reservoir Number Four

Valley County

PS-10 Valley

MP 49
MP 50
MP 51
MP 46
MP 47
MP 48
MP 49
MP 50

SEE SHEET - 01
SEE SHEET - 02

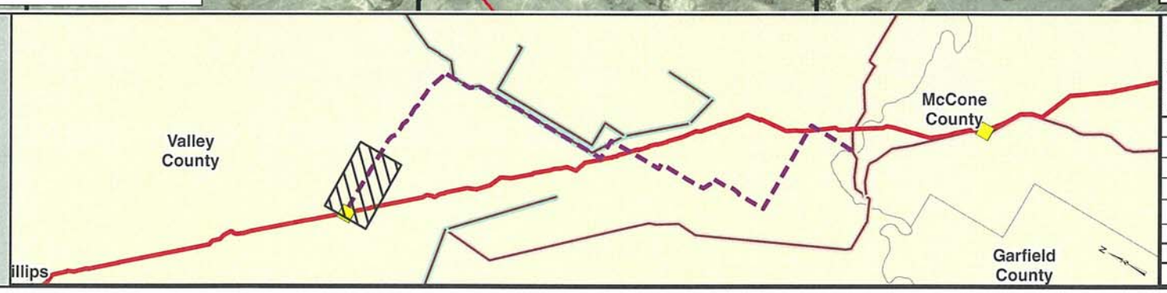
0 1,000 2,000 4,000 6,000 8,000
Feet

2/15/09 CENTERLINE
2006 AERIALS

Legend

- Milepost
- Keystone XL Project
- Transmission Supply Line Route
- Pump Station
- County Line
- Section Line

Electric Lines
Voltage
- Below 230kV
- 230kV - 344kV
- 345kV - 499kV
- 500kV - 734kV
- 735kV - 999kV
- AC-DC-AC Tie
- DC



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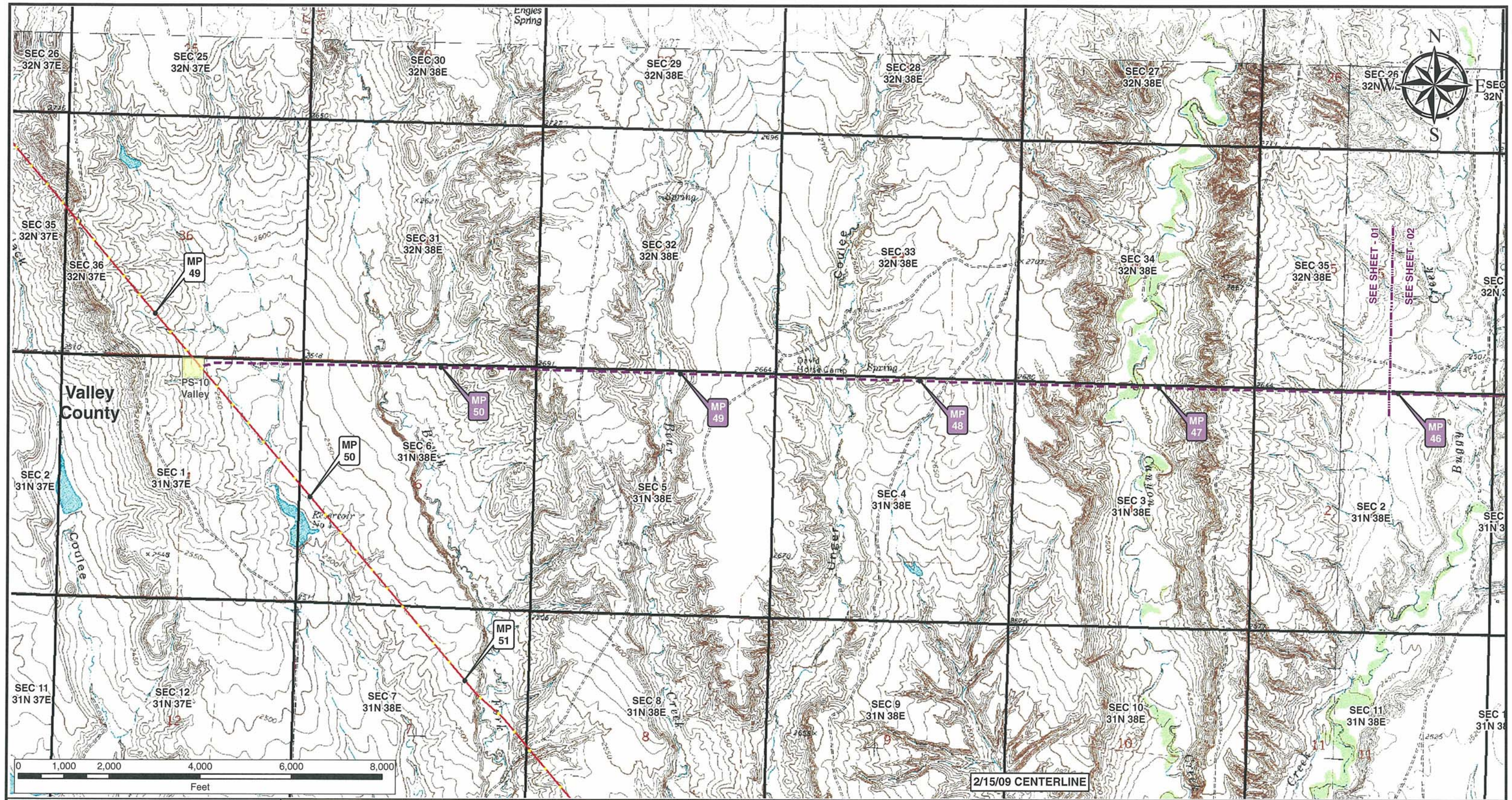
KEYSTONE XL PROJECT
TRANSMISSION SUPPLY LINE ROUTE MAP
VALLEY COUNTY, MONTANA
PS-10

MAP PARAMETERS
PROJECTION: NAD83, UTM:13N
SCALE: 1:24000 ; 1"=2000'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
AH	SS	RG	50388X	XL- 30-ML-2003-P- 10-01 -A	01 of 09	1



Legend

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- Keystone XL Project
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- Pump Station
- County Line
- Section Line

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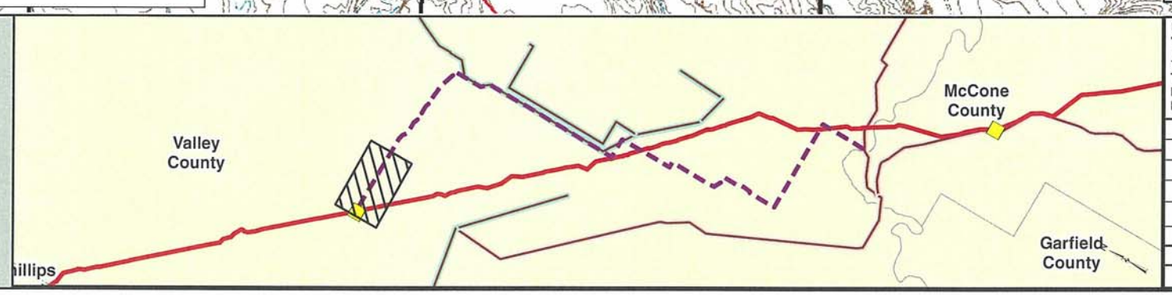
- DC



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VALLEY COUNTY, MONTANA
PS-10

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AH	SS	RG	50388X	XL- 30-ML-2003-P- 10-01 -Q	01 of 09	1

SEC 26 32N 38E
SEC 25 32N 38E
SEC 30 32N 39E
Wolf Creek
SEC 29 32N 39E
SEC 28 32N 39E
Spring Creek
SEC 27 32N 39E
SEC 26 32N 39E
N
W
E
S
SEC 35 32N 38E
SEE SHEET - 01
SEE SHEET - 02
SEC 36 32N 38E
SEC 31 32N 39E
Crooked Creek
SEC 32 32N 39E
SEC 33 32N 39E
SEC 34 32N 39E
SEC 35 32N 39E
Buggy Creek
MP 46
MP 45
Valley County
SEC 2 31N 38E
SEC 1 31N 38E
SEC 6 31N 39E
MP 44
SEC 5 31N 39E
MP 43
SEC 4 31N 39E
MP 42
SEE SHEET - 02
SEE SHEET - 03
SEC 3 31N 39E
MP 41
SEC 2 31N 39E
SEC 11 31N 38E
SEC 12 31N 38E
SEC 7 31N 39E
SEC 8 31N 39E
SEC 9 31N 39E
Jensen Trl
SEC 10 31N 39E
Cherry Creek
SEC 11 31N 39E
0 1,000 2,000 4,000 6,000 8,000
Feet
2/15/09 CENTERLINE
2006 AERIALS

Legend

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- Pump Station
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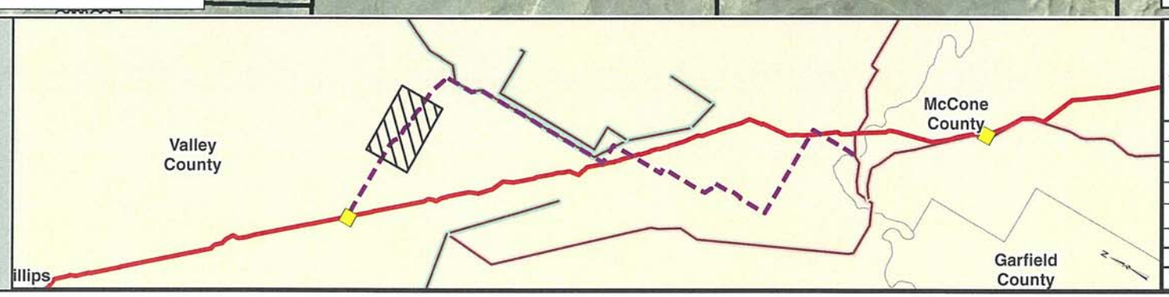

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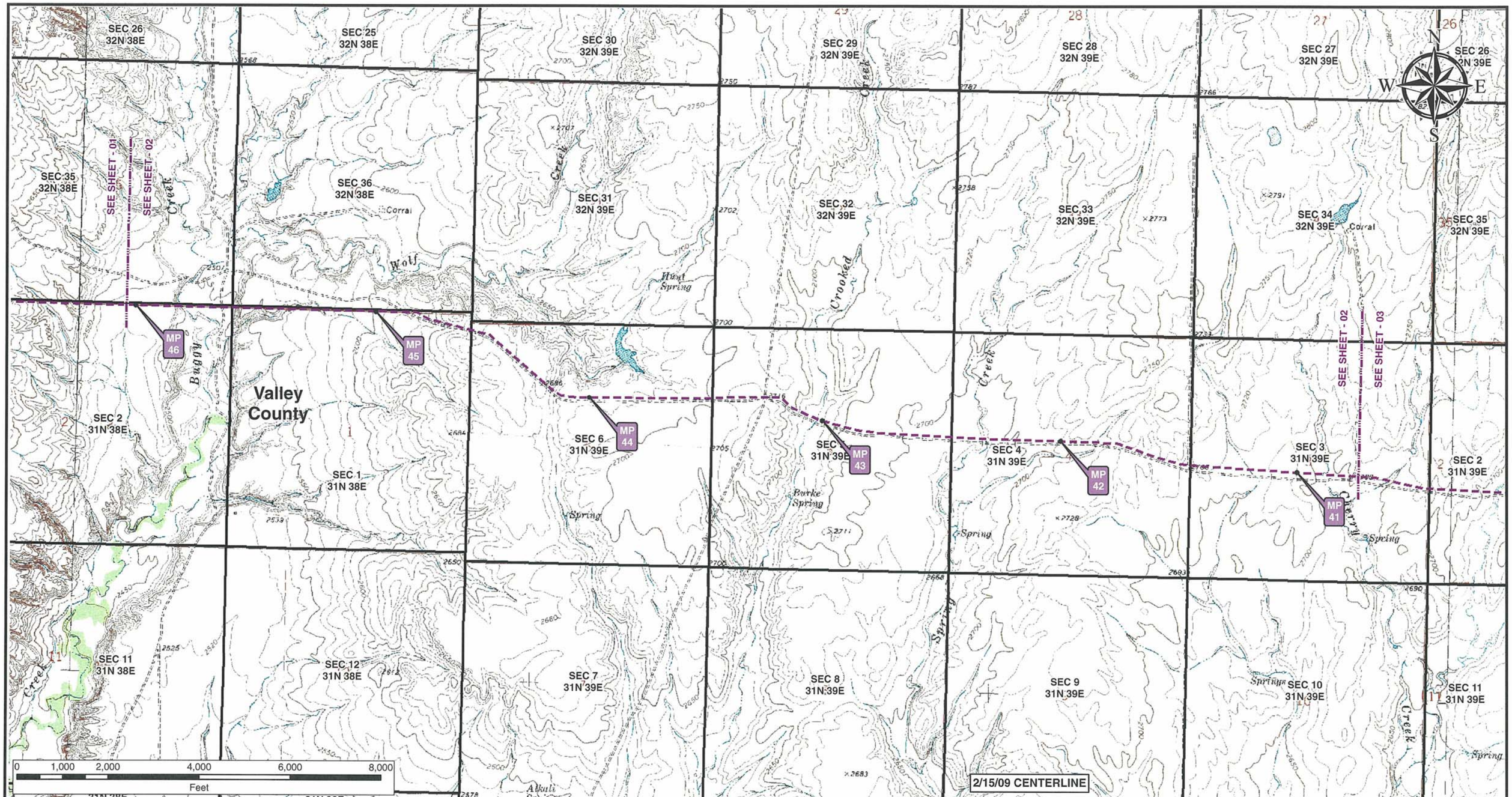
TRANSMISSION SUPPLY LINE ROUTE MAP
VALLEY COUNTY, MONTANA
PS-10

MAP PARAMETERS
PROJECTION: NAD83, UTM:13N
SCALE: 1:24000 ; 1"=2000'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
AH	SS	RG	50388X	XL-30-ML-2003-P-10-02-A	02 of 09	1



Legend

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- Keystone XL Project
- Transmission Supply Line Route
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- County Line
- Section Line

Electric Lines

Voltage

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- 345kV - 499kV
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- 735kV - 999kV
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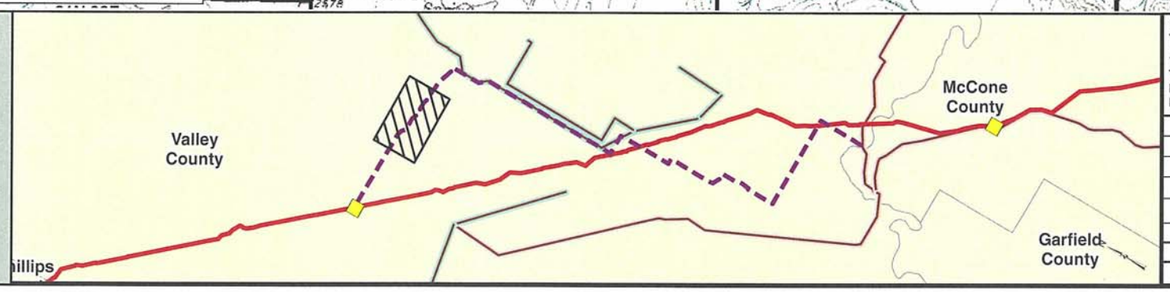
- DC



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KEYSTONE XL PROJECT
TRANSMISSION SUPPLY LINE ROUTE MAP
VALLEY COUNTY, MONTANA
PS-10

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AH	SS	RG	50388X	XL- 30-ML-2003-P- 10-02 -Q	02 of 09	1

SEC 36 32N 39E
SEC 6 31N 40E
SEC 8 31N 40E
SEC 17 31N 40E
SEC 21 31N 40E
SEC 1 31N 39E
SEC 7 31N 40E
69kV
Trout Pond Rd
Olson Spring Rd
SEC 20 31N 40E
SEC 35 32N 39E
MP 38
SEC 18 31N 40E
MP 39
SEC 12 31N 39E
SEC 29 31N 40E
SEC 2 31N 39E
MP 37
SR 24
SEC 19 31N 40E
Valley County
SEC 34 32N 39E
MP 40
SEC 13 31N 39E
MP 36
SEE SHEET - 03
SEE SHEET - 02
SEC 11 31N 39E
SEC 30 31N 40E
MP 35
SEE SHEET - 03
SEE SHEET - 04
SEC 31N 4
SEC 3 31N 39E
SEC 24 31N 39E
MP 41
Cherry Creek
SEC 14 31N 39E
SEC 31 31N 40E
SEC 10 31N 39E
SEC 25 31N 39E
SEC 23 31N 39E
SEC 4 31N 39E
Jansen Trl
SEC 15 31N 39E
SEC 36 31N 39E
SEC 9
SEC 26
SEC 22 31N 39E
0 1,000 2,000 4,000 6,000 8,000
Feet
2/15/09 CENTERLINE
2006 AERIALS

Legend

- Milepost
- Keystone XL Project
- Transmission Supply Line Route
- Pump Station
- County Line
- Section Line

Electric Lines

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- Below 230kV
- 230kV - 344kV
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- AC-DC-AC Tie
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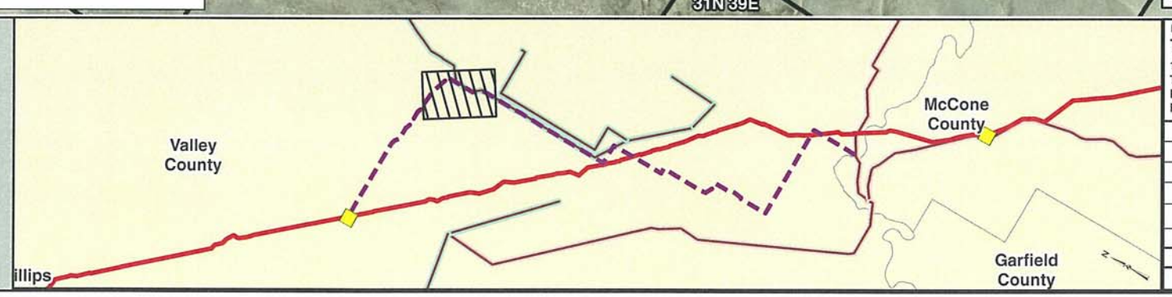

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KEYSTONE XL PROJECT
TRANSMISSION SUPPLY LINE ROUTE MAP
VALLEY COUNTY, MONTANA
PS-10

MAP PARAMETERS
PROJECTION: NAD83, UTM:13N
SCALE: 1:24000 ; 1"=2000'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
AH	SS	RG	50388X	XL-30-ML-2003-P-10-03-A	03 of 09	1

SEC 25 31N 39E
SEC 26 31N 39E
SEC 36 32N 39E
SEC 6 31N 40E
SEC 8 31N 40E
SEC 17 31N 40E
SEC 21 31N 40E
SEC 7 31N 40E
69kV
SEC 1 31N 39E
SEC 20 31N 40E
MP 38
SEC 18 31N 40E
SEC 35 32N 39E
MP 39
SEC 12 31N 39E
SEC 29 31N 40E
SEC 2 31N 39E
MP 37
SEC 19 31N 40E
Valley County
SEC 34 32N 39E
MP 40
SEC 13 31N 39E
MP 36
SEC 30 31N 40E
MP 35
SEE SHEET - 03
SEE SHEET - 02
SEE SHEET - 03
SEE SHEET - 04
SEC 31N 4
SEC 11 31N 39E
SEC 3 31N 39E
SEC 24 31N 39E
MP 41
SEC 14 31N 39E
SEC 31 31N 40E
SEC 10 31N 39E
SEC 25 31N 39E
SEC 4 31N 39E
SEC 23 31N 39E
SEC 15 31N 39E
SEC 36 31N 39E
SEC 9
SEC 22 31N 39E
SEC 26 31N 39E
2/15/09 CENTERLINE
Cherry Creek
Spring
Gravel Pits
0 1,000 2,000 4,000 6,000 8,000
Feet

Legend

- Milepost
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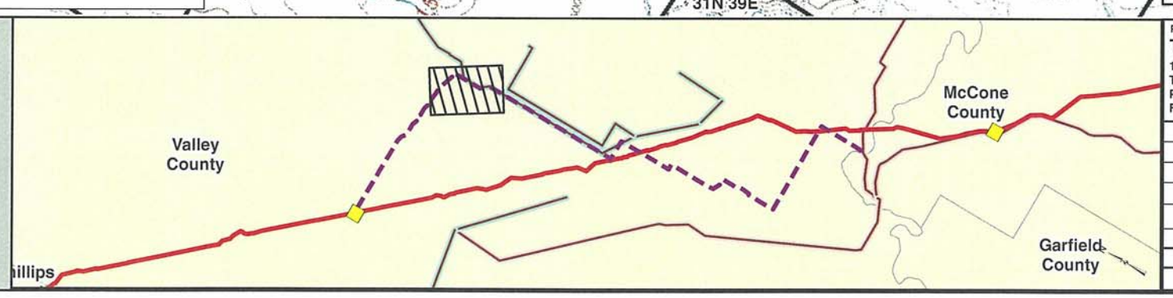

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TRANSMISSION SUPPLY LINE ROUTE MAP
VALLEY COUNTY, MONTANA
PS-10

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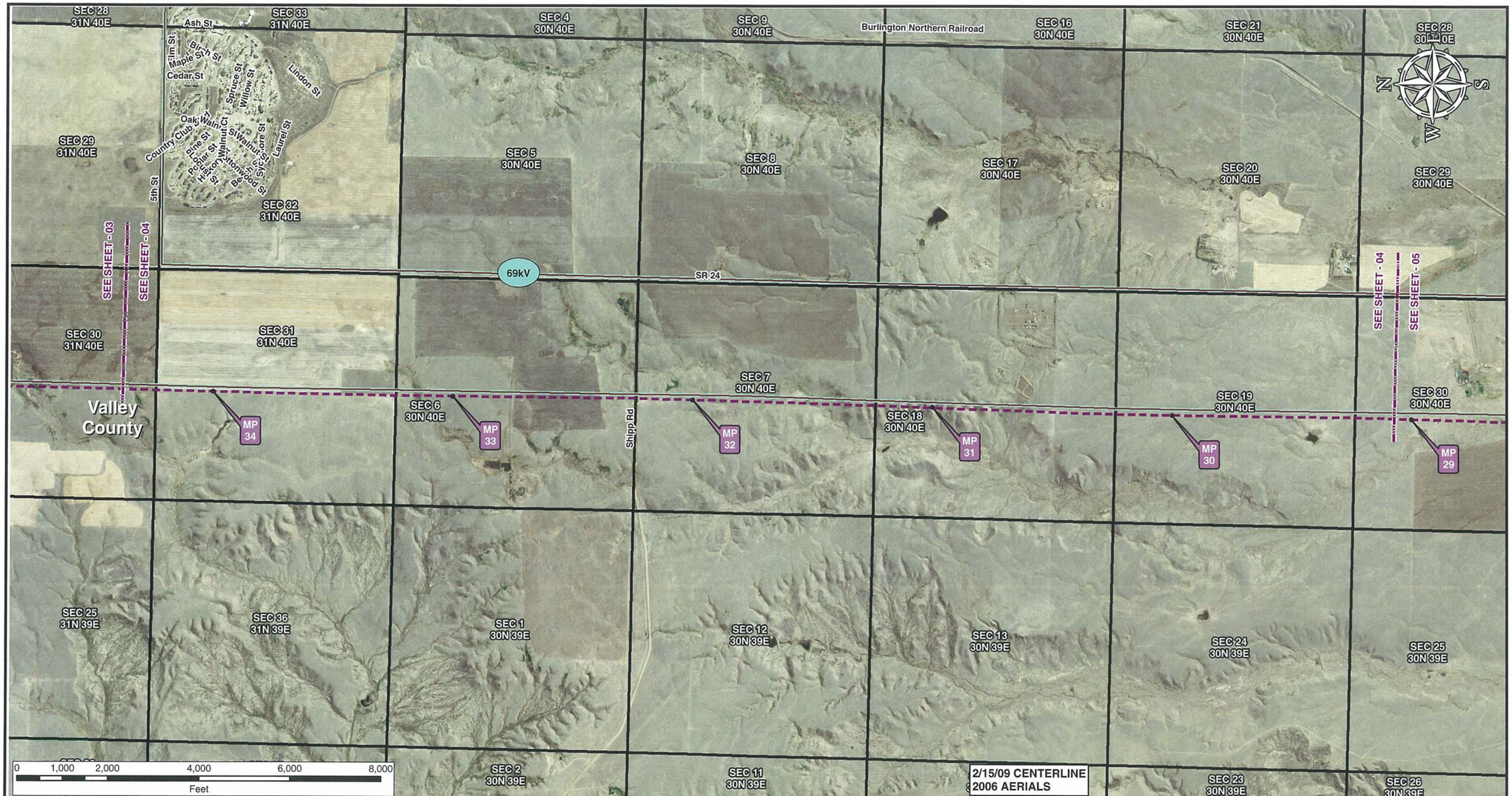

Legend

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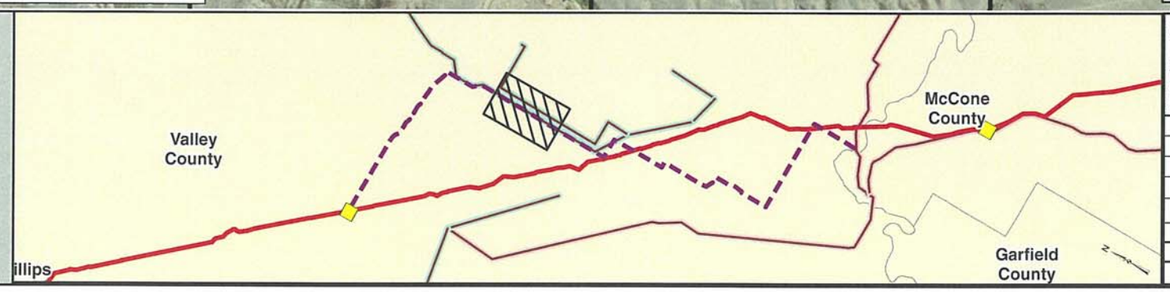

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AH	SS	RG	50388X	XL- 30-ML-2003-P- 10-04 -A	04 of 09	1

SEC 28 31N 40E
SEC 33 31N 40E
SEC 4 30N 40E
SEC 9 30N 40E
SEC 16 30N 40E
SEC 21 30N 40E
SEC 28 30N 40E
SEC 29 31N 40E
SEC 32 31N 40E
Westside Sub
SEC 5 30N 40E
SEC 8 30N 40E
SEC 17 30N 40E
SEC 20 30N 40E
SEC 29 30N 40E
SEE SHEET - 03
SEE SHEET - 04
69kV
SEC 30 31N 40E
SEC 31 31N 40E
SEE SHEET - 04
SEE SHEET - 05
Valley County
MP 34
SEC 6 30N 40E
MP 33
SEC 7 30N 40E
MP 32
SEC 18 30N 40E
MP 31
SEC 19 30N 40E
MP 30
SEC 30 30N 40E
MP 29
SEC 25 31N 39E
SEC 36 31N 39E
SEC 1 30N 39E
SEC 12 30N 39E
SEC 13 30N 39E
SEC 24 30N 39E
SEC 25 30N 39E
SEC 2 30N 39E
SEC 11 30N 39E
SEC 23 30N 39E
SEC 26 30N 39E
2/15/09 CENTERLINE
0 1,000 2,000 4,000 6,000 8,000
Feet

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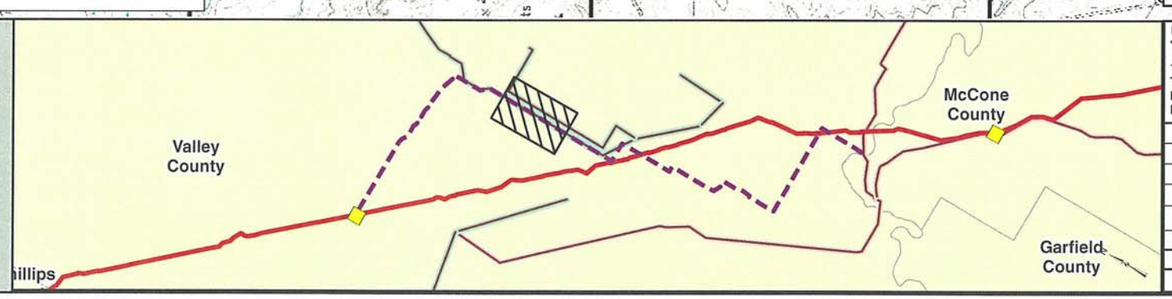

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PS-10

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SEC 21 30N 40E
SEC 28 30N 40E
SEC 33 30N 40E
SEC 4 29N 40E
SEC 9 29N 40E
SEC 16 29N 40E
SEC 21 29N 40E
SEE SHEET - 05
SEE SHEET - 06
SEC 20 30N 40E
SEC 29 30N 40E
SEC 32 30N 40E
SEC 5 29N 40E
SEC 8 29N 40E
SEC 17 29N 40E
SEC 20 29N 40E
Valley County
SEE SHEET - 04
SEE SHEET - 05
Burlington Northern Railroad
69kV
69kV
Gilbertson Rd
Spring Coulee Rd
Cut Across Rd
Cherry Valley Rd
Robbins Rd
SR 24
East Fork Cherry Creek
MP 23
MP 24
MP 25
MP 26
MP 27
MP 28
MP 29
MP 68
MP 69
MP 70
MP 71
SEC 19 30N 40E
SEC 30 30N 40E
SEC 31 30N 40E
SEC 6 29N 40E
SEC 7 29N 40E
SEC 18 29N 40E
SEC 19 29N 40E
SEC 24 30N 39E
SEC 25 30N 39E
SEC 36 30N 39E
SEC 1 29N 39E
SEC 12 29N 39E
SEC 13 29N 39E
SEC 24 29N 39E
0 1,000 2,000 4,000 6,000 8,000
Feet

2/15/09 CENTERLINE
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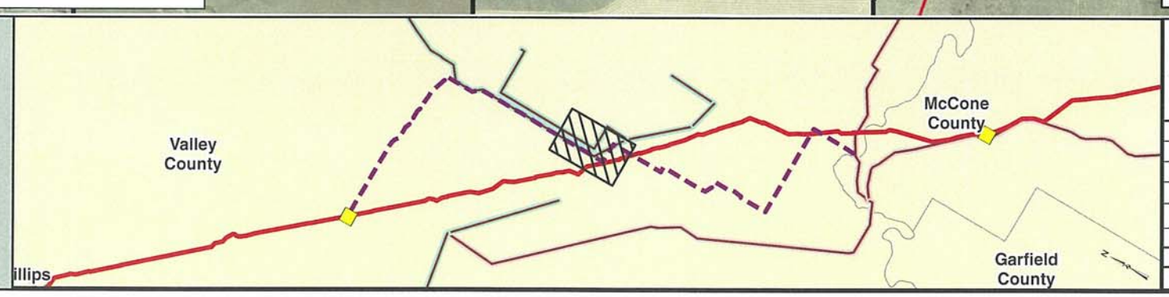

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SEC 21 30N 40E
SEC 28 30N 40E
SEC 33 30N 40E
SEC 4 29N 40E
SEC 9 29N 40E
SEC 16 29N 40E
SEC 21 29N 40E
SEC 20 30N 40E
SEC 29 30N 40E
SEC 32 30N 40E
SEC 5 29N 40E
SEC 8 29N 40E
SEC 17 29N 40E
SEC 20 29N 40E
SEC 19 30N 40E
SEC 30 30N 40E
SEC 31 30N 40E
SEC 6 29N 40E
SEC 7 29N 40E
SEC 18 29N 40E
SEC 19 29N 40E
SEC 24 30N 39E
SEC 25 30N 39E
SEC 36 30N 39E
SEC 1 29N 39E
SEC 12 29N 39E
SEC 13 29N 39E
SEC 24 29N 39E

Valley County

SEE SHEET - 04
SEE SHEET - 05
SEE SHEET - 06

69kV
69kV

Sewage Disposal Ponds
Drive-in Theater
Gravel Pit

MP 68
MP 69
MP 70
MP 71
MP 23
MP 24
MP 25
MP 26
MP 27
MP 28
MP 29

0 1,000 2,000 4,000 6,000 8,000
Feet

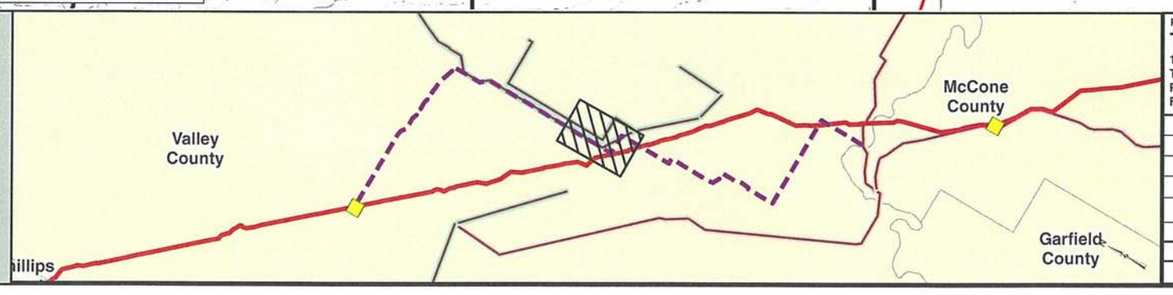
2/15/09 CENTERLINE

Legend

- Milepost
- Keystone XL Project
- Transmission Supply Line Route
- Pump Station
- County Line
- Section Line

Electric Lines

Voltage
- Below 230kV
- 230kV - 344kV
- 345kV - 499kV
- 500kV - 734kV
- 735kV - 999kV
- AC-DC-AC Tie
- DC



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KEYSTONE XL PROJECT
TRANSMISSION SUPPLY LINE ROUTE MAP
VALLEY COUNTY, MONTANA
PS-10

MAP PARAMETERS
PROJECTION: NAD83, UTM:13N
SCALE: 1:24000 ; 1"=2000'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
AH	SS	RG	50388X	XL- 30-ML-2003-P- 10-05 -Q	05 of 09	1

SEC 22 29N 40E
69kV
SEC 27 29N 40E
MP 73
SEC 34 29N 40E
SEC 1 28N 40E
SEC 12 28N 40E
SEC 13 28N 40E
SEC 24 28N 40E
E. Hanson Rd
Nyquist Rd
Beltzer Rd
SEC 2 28N 40E
SEC 11 28N 40E
SEC 14 28N 40E
SEE SHEET - 06
SEE SHEET - 07
SEC 23 28N 40E
MP 72
SEC 21 29N 40E
SEE SHEET - 05
SEE SHEET - 06
SEC 28 29N 40E
SEC 33 29N 40E
Pliley Rd
MP 19
MP 18
MP 17
Valley County
MP 71
MP 22
MP 21
MP 20
SEC 3 28N 40E
SEC 10 28N 40E
SEC 15 28N 40E
SEC 22 28N 40E
SEC 20 29N 40E
SEC 29 29N 40E
Knaff Rd
Lindell Rd
Roosevelt Trl
SEC 32 29N 40E
Robbins Rd
Cherry Valley Rd
East Fork Cherry Creek
SR 24
SEC 30 29N 40E
SEC 31 29N 40E
SEC 4 28N 40E
SEC 9 28N 40E
SEC 16 28N 40E
SEC 21 28N 40E
SEC 19 29N 40E
Hanson Rd
Johnson Rd
US 2
0 1,000 2,000 4,000 6,000 8,000
Feet

2/15/09 CENTERLINE
2006 AERIALS

Legend

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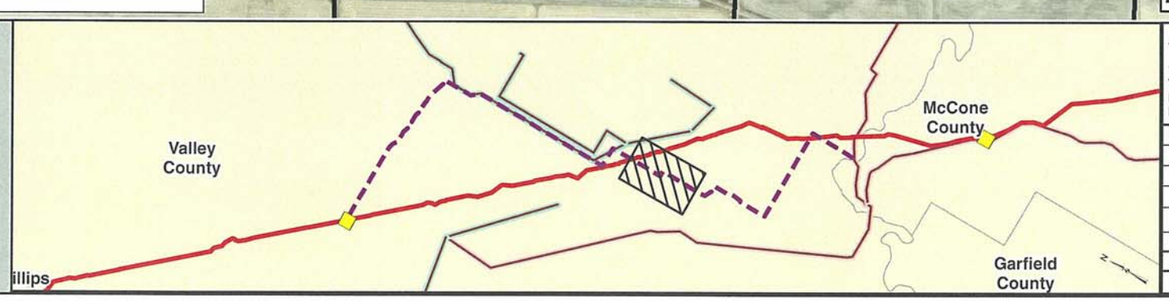

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VALLEY COUNTY, MONTANA
PS-10

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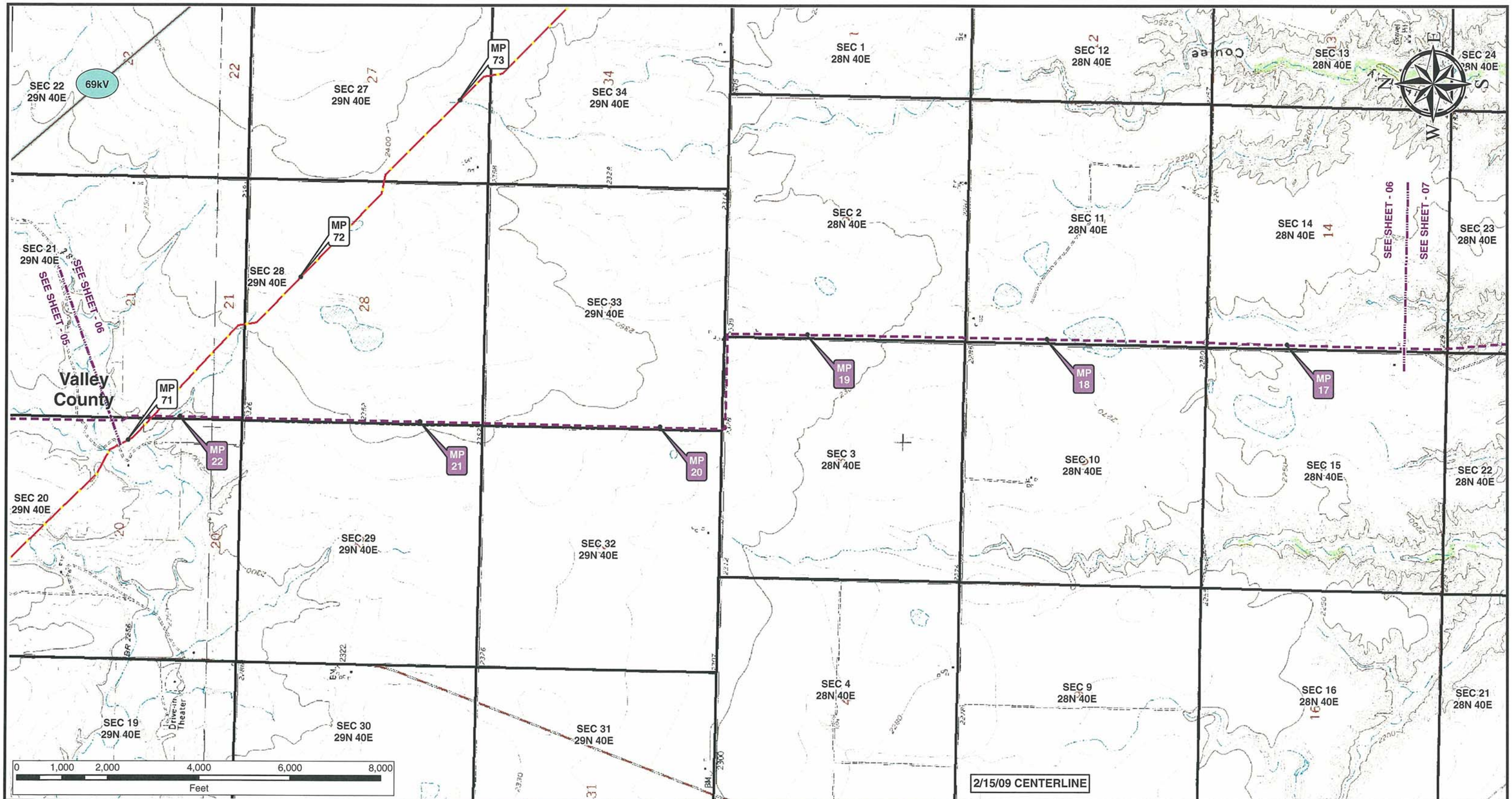
AH	SS	RG	50388X	XL- 30-ML-2003-P- 10-06 -A	06 of 09	1



Legend

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- Section Line

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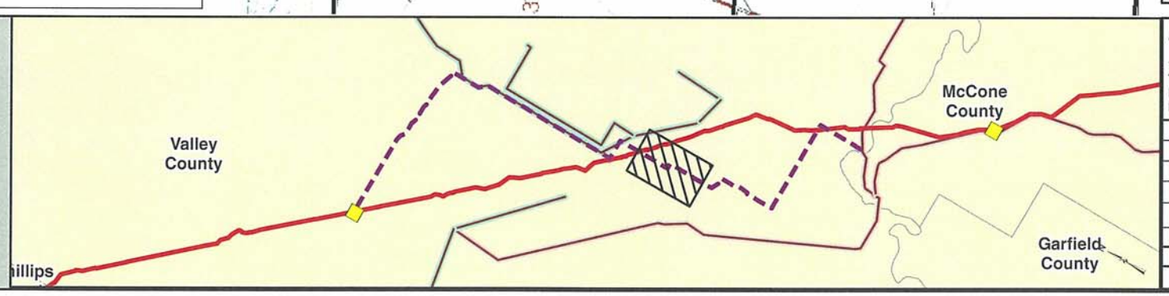

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VALLEY COUNTY, MONTANA
PS-10

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SEC 13 28N 40E
SEC 24 28N 40E
SEC 30 28N 41E
SEC 32 28N 41E
SEC 5 27N 41E
SEC 14 28N 40E
SEE SHEET - 06
SEE SHEET - 07
Milk River
SEC 25 28N 40E
SEC 31 28N 41E
SEC 8 27N 41E
SEC 23 28N 40E
MP 15
SEC 6 27N 41E
SEC 15 28N 40E
MP 14
SEC 36 28N 40E
MP 16
Pilley Rd
Burlington Northern Railroad
SEC 26 28N 40E
Whately Rd
Galpin Rd
SEC 7 27N 41E
Valley County
MP 13
SEC 1 27N 40E
SEC 22 28N 40E
US 2
SEE SHEET - 08
SEE SHEET - 07
MP 9
SEC 35 28N 40E
SEC 18 27N 41E
SEC 12 27N 40E
SEC 27 28N 40E
MP 12
SEC 2 27N 40E
SEC 21 28N 40E
Dogie Creek
MP 10
MP 11
SEC 34 28N 40E
SEC 13 27N 40E
SEC 11 27N 40E
SEC 28 28N 40E
Tiger Butte Rd
Lenz Rd
SEC 3 27N 40E
SEC 14 27N 40E
SEC 10
0 1,000 2,000 4,000 6,000 8,000
Feet

2/15/09 CENTERLINE
2006 AERIALS

Legend

- Milepost
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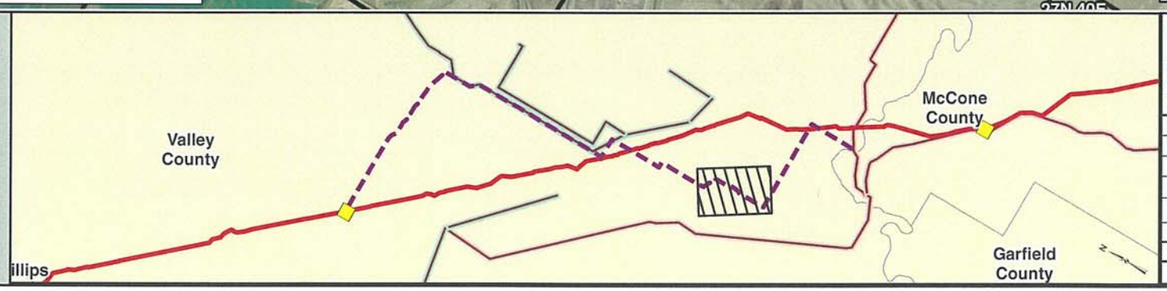

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AH	SS	RG	50388X	XL- 30-ML-2003-P- 10-07 -A	07 of 09	1

SEC 13 28N 40E
SEC 24 28N 40E
SEC 30 28N 41E
SEC 32 28N 41E
SEC 5 27N 41E
SEC 14 28N 40E
SEE SHEET - 06
SEE SHEET - 07
SEC 31 28N 41E
SEC 8 27N 41E
SEC 25 28N 40E
SEC 23 28N 40E
SEC 6 27N 41E
MP 15
SEC 36 28N 40E
SEC 15 28N 40E
MP 14
MP 16
SEC 26 28N 40E
SEC 7 27N 41E
Valley County
MP 13
SEC 1 27N 40E
SEC 22 28N 40E
MP 9
SEE SHEET - 08
SEE SHEET - 07
SEC 35 28N 40E
SEC 18 27N 41E
SEC 12 27N 40E
MP 12
SEC 27 28N 40E
SEC 2 27N 40E
SEC 21 28N 40E
MP 10
MP 11
SEC 34 28N 40E
SEC 13 27N 40E
SEC 11 27N 40E
SEC 28 28N 40E
SEC 3 27N 40E
SEC 14 27N 40E
SEC 10 27N 40E
2/15/09 CENTERLINE

0 1,000 2,000 4,000 6,000 8,000
Feet

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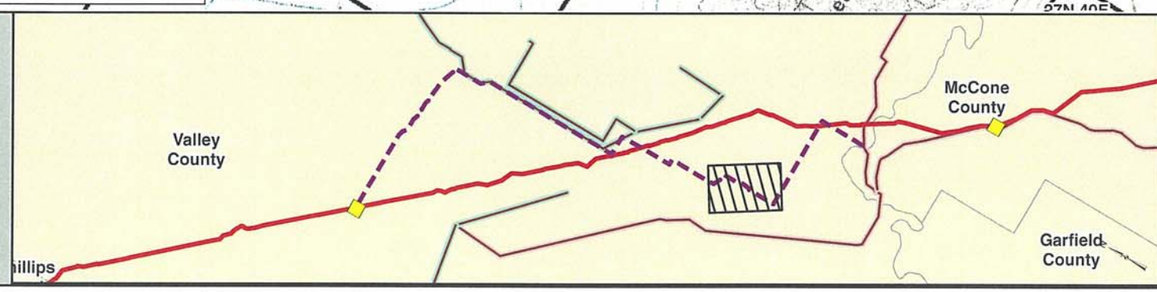

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KEYSTONE XL PROJECT
TRANSMISSION SUPPLY LINE ROUTE MAP
VALLEY COUNTY, MONTANA
PS-10

MAP PARAMETERS
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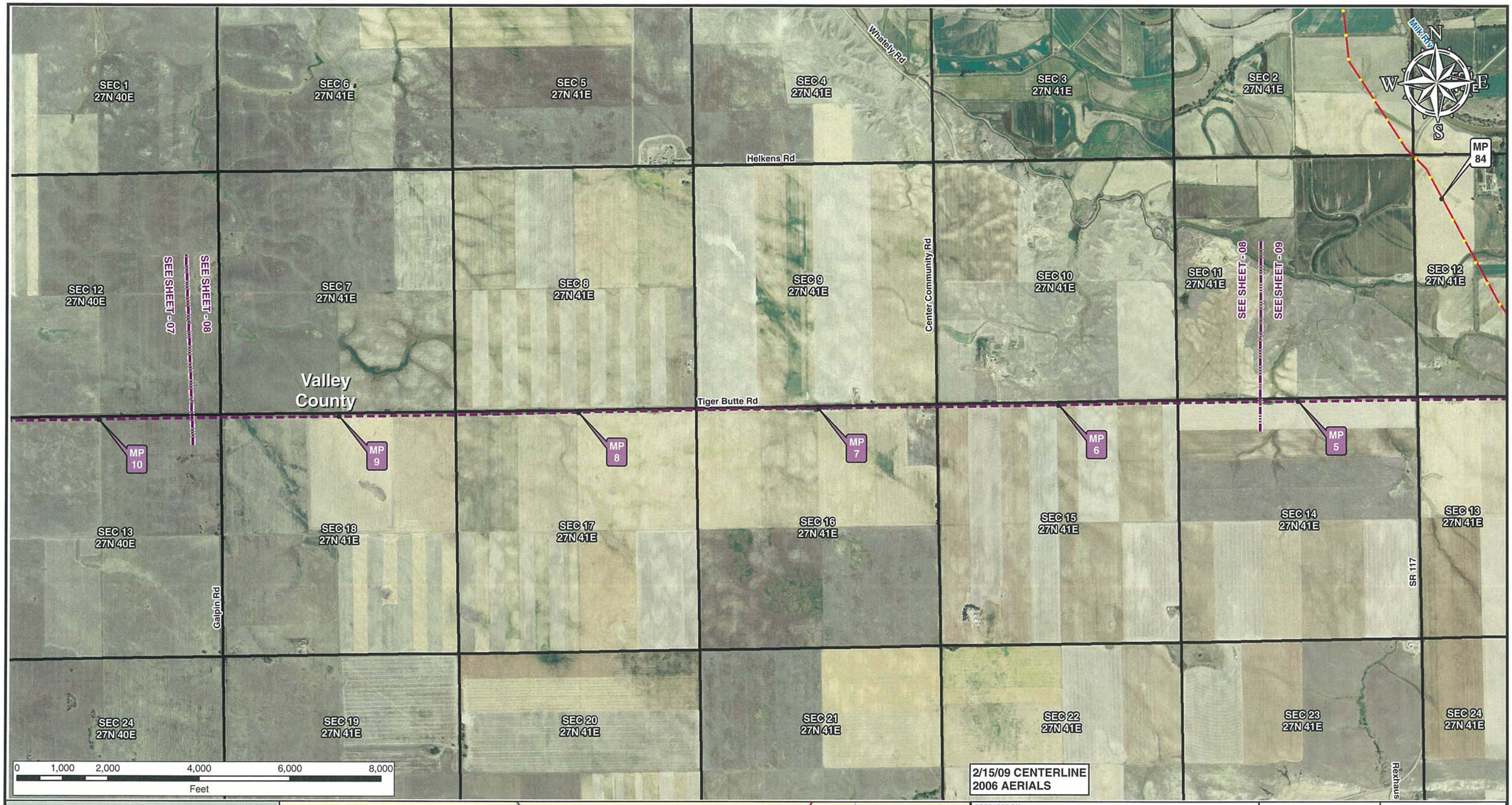

Legend

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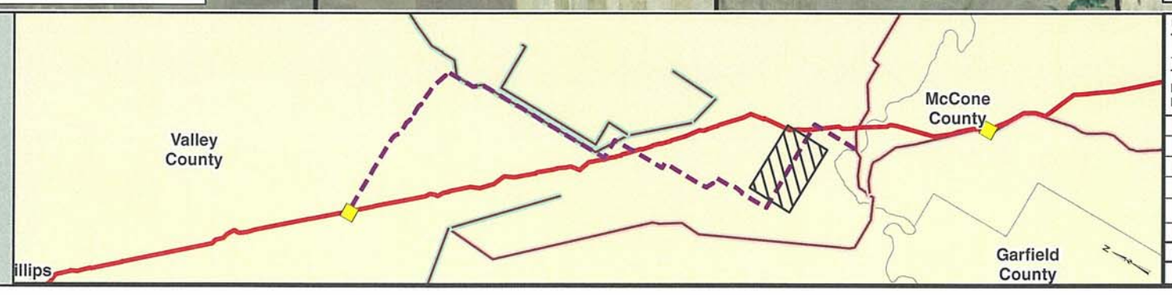

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AH	SS	RG	50388X	XL- 30-ML-2003-P- 10-08 -A	08 of 09	1

SEC 1 27N 40E
SEC 6 27N 41E
SEC 5 27N 41E
SEC 4 27N 41E
SEC 3 27N 41E
SEC 2 27N 41E
SEC 12 27N 40E
SEE SHEET - 07
SEE SHEET - 08
SEC 7 27N 41E
SEC 8 27N 41E
SEC 9 27N 41E
SEC 10 27N 41E
SEC 11 27N 41E
SEC 12 27N 41E
SEC 13 27N 40E
SEC 18 27N 41E
SEC 17 27N 41E
SEC 16 27N 41E
SEC 15 27N 41E
SEC 14 27N 41E
SEC 13 27N 41E
SEC 24 27N 40E
SEC 19 27N 41E
SEC 20 27N 41E
SEC 21 27N 41E
SEC 22 27N 41E
SEC 23 27N 41E
SEC 24 27N 41E

Valley County

VANDALIA
AQUEDUCT
SOUTH
Gravel Pit
Flowing Well
Well

MP 10
MP 9
MP 8
MP 7
MP 6
MP 5
MP 84

N
W
E
S

0 1,000 2,000 4,000 6,000 8,000
Feet

2/15/09 CENTERLINE

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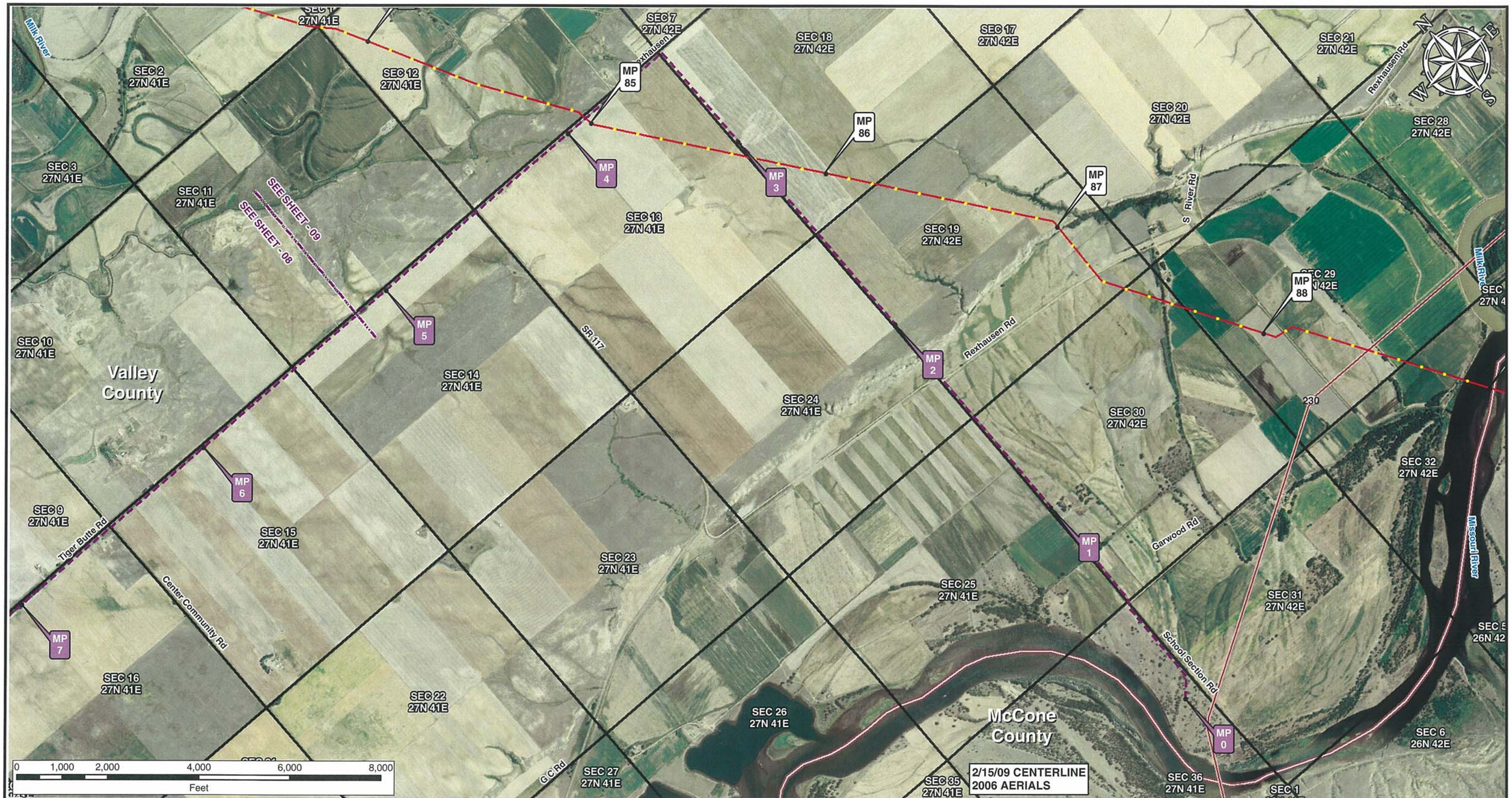

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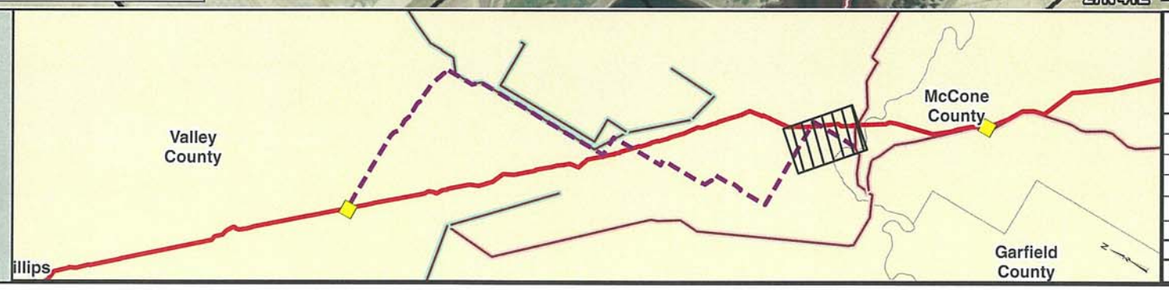

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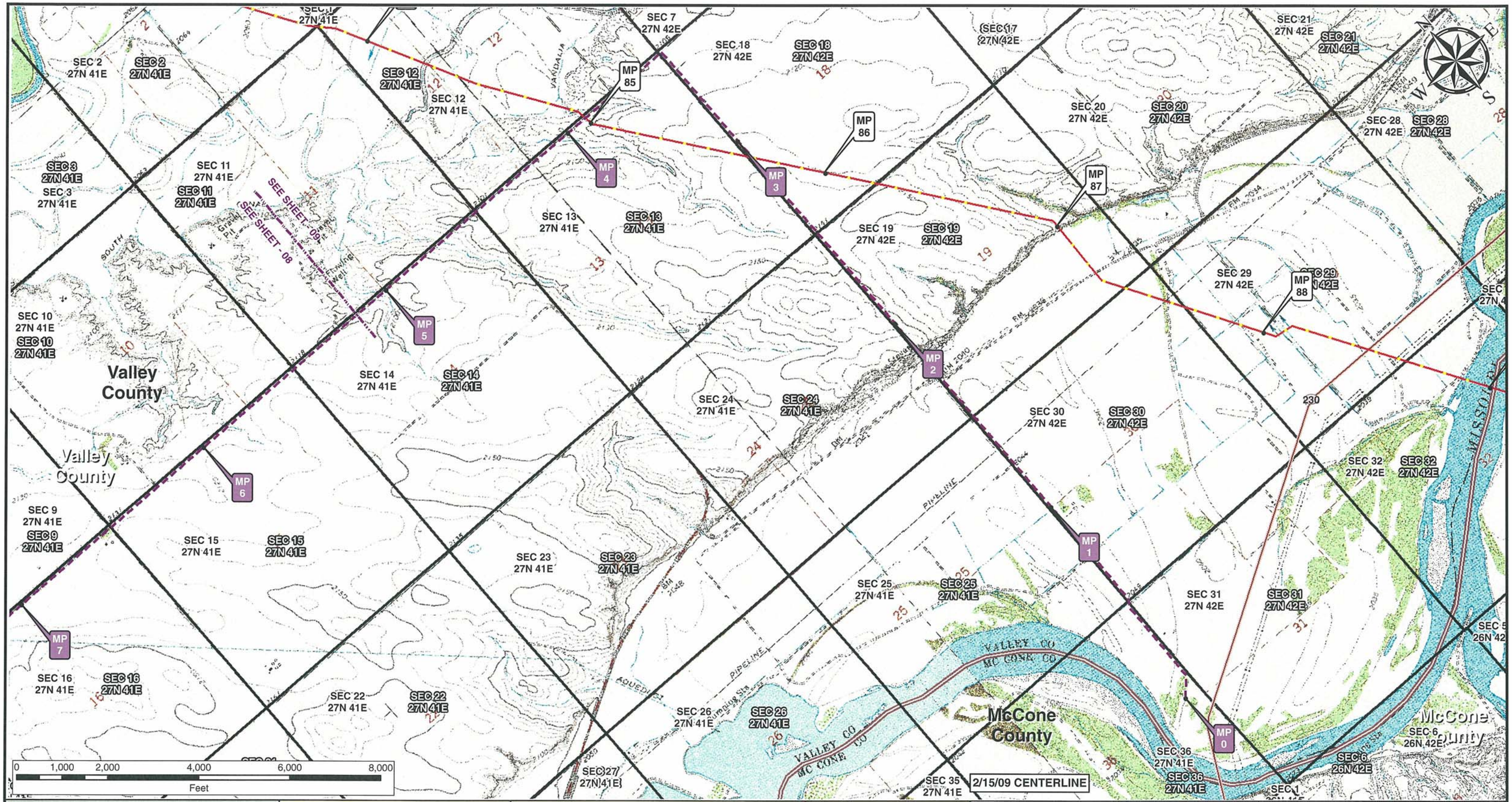

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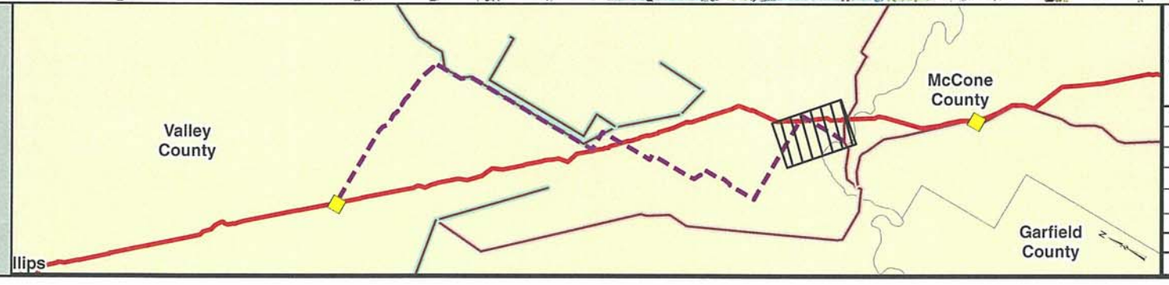

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