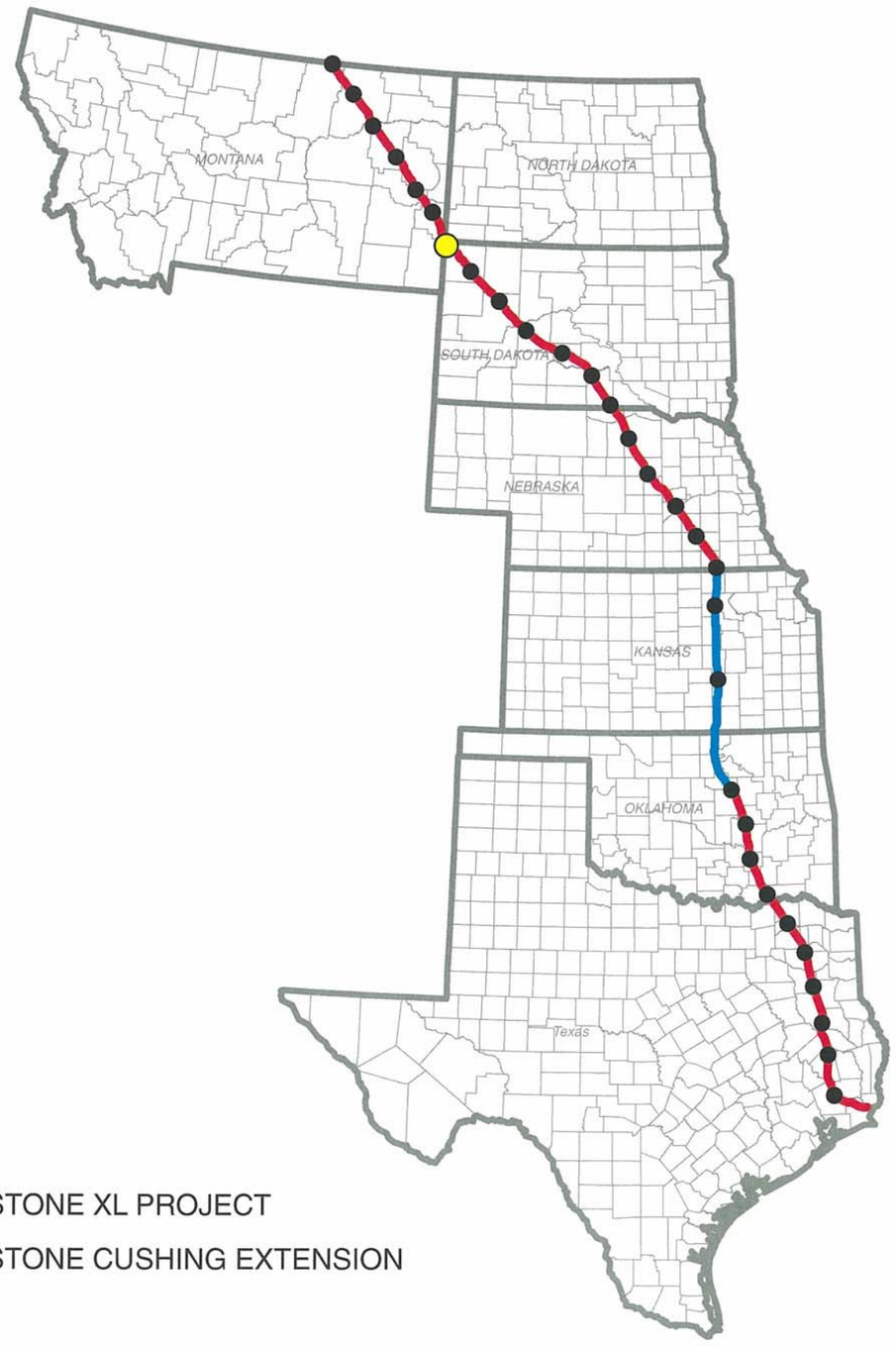
TransCanada Keystone Pipeline, L.P.
United States Department of State
Keystone XL Project
Appendix B
Powerline Aerial and
USGS Route Sheets
PS-15



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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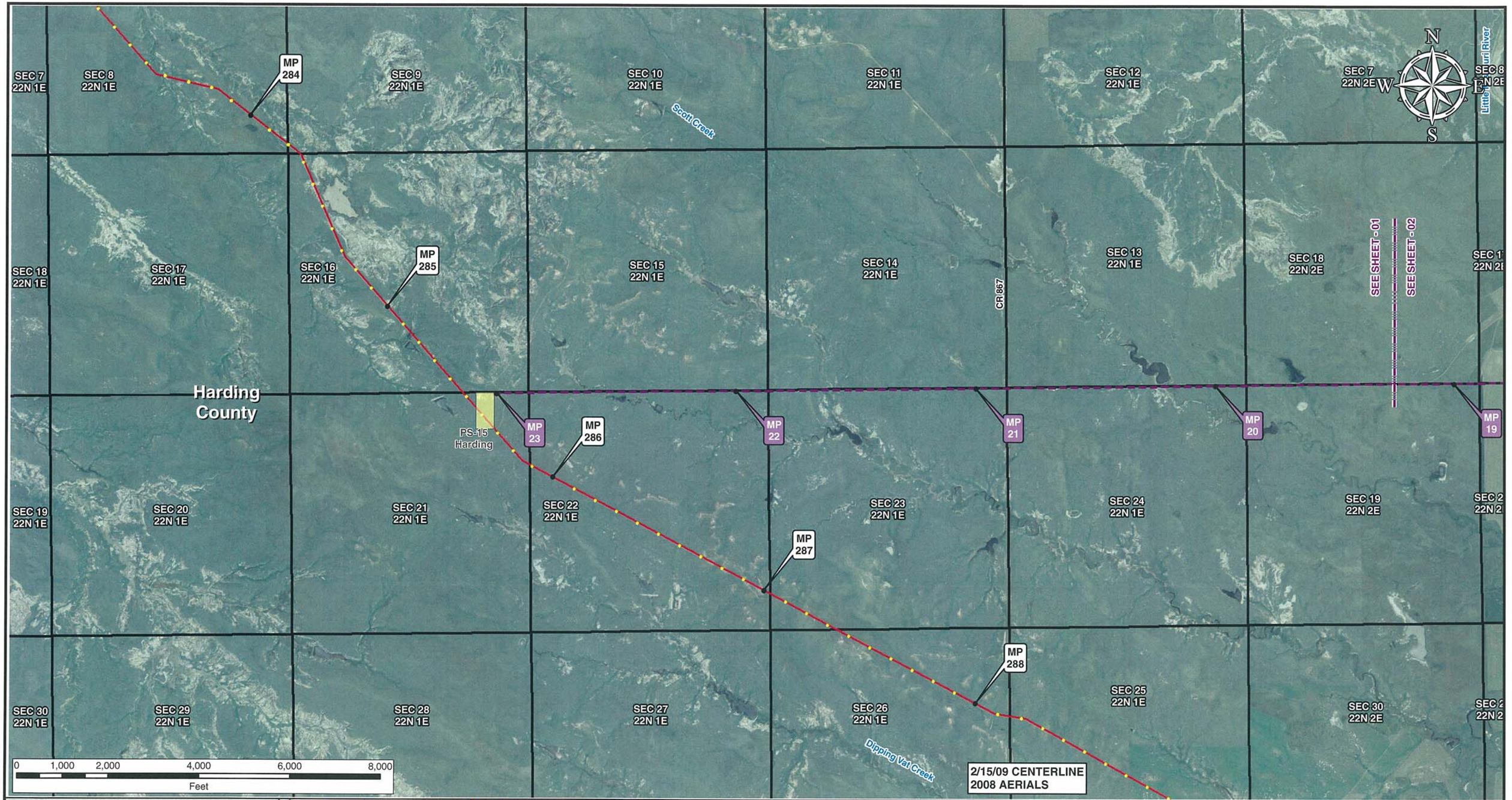
KEYSTONE XL PROJECT
ROUTE SHEETS

MAP PARAMETERS
PROJECTION: NAD83, UTM: 13N
NTS

PROJECT: 50388X

SHEET: COVER SHEET

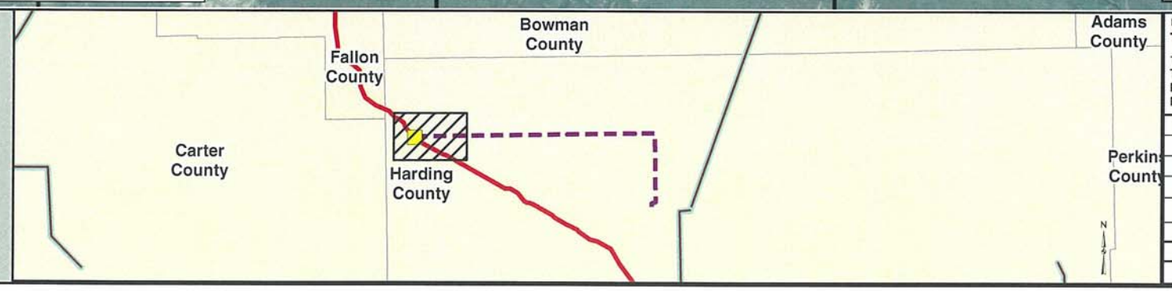
DRAWING NUMBER	DRAWN BY	CHECKED BY	APPROVED BY
XL-FIPS-ML-2003-P-000	GS	SS	RG



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
HARDING COUNTY, SOUTH DAKOTA
PS-15

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-15-01-A	01 of 05	1

SEC 7 22N 1E | SEC 8 22N 1E | SEC 9 22N 1E | SEC 10 22N 1E | SEC 11 22N 1E | SEC 12 22N 1E | SEC 7 22N 2E | SEC 8 22N 2E

SEC 18 22N 1E | SEC 17 22N 1E | SEC 16 22N 1E | SEC 15 22N 1E | SEC 14 22N 1E | SEC 13 22N 1E | SEC 18 22N 2E | SEC 1 22N 2E

SEC 19 22N 1E | SEC 20 22N 1E | SEC 21 22N 1E | SEC 22 22N 1E | SEC 23 22N 1E | SEC 24 22N 1E | SEC 19 22N 2E | SEC 2 22N 2E

SEC 30 22N 1E | SEC 29 22N 1E | SEC 28 22N 1E | SEC 27 22N 1E | SEC 26 22N 1E | SEC 25 22N 1E | SEC 30 22N 2E | SEC 2 22N 2E

MP 284 | MP 285 | MP 286 | MP 287 | MP 288

MP 23 | MP 22 | MP 21 | MP 20 | MP 19

PS-15 Harding

Harding County

PIPELINE

SEE SHEET - 01

SEE SHEET - 02

2/15/09 CENTERLINE

N W E S

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

Legend

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

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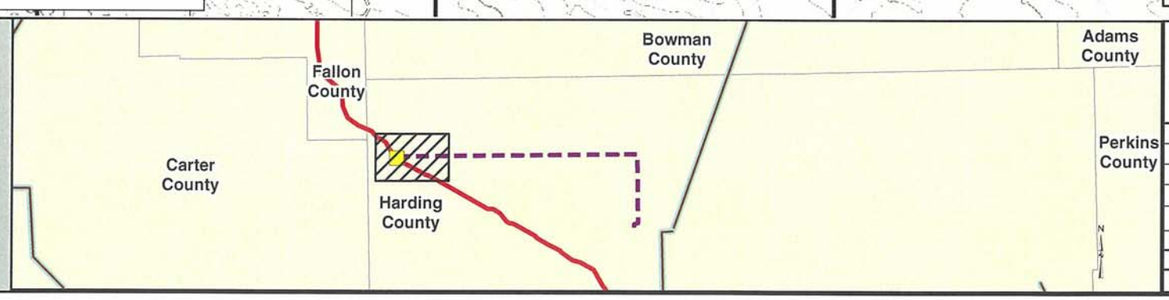

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TRANSMISSION SUPPLY LINE ROUTE MAP
HARDING COUNTY, SOUTH DAKOTA
PS-15

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AH	SS	RG	50388X	XL- 30-ML-2003-P- 15-01 -Q	01 of 05	1

SEC 7 22N 2E
SEC 8 22N 2E
Little Missouri River
SEC 9 22N 2E
SEC 10 22N 2E
SEC 11 22N 2E
SEC 12 22N 2E
SEC 18 22N 2E
SEE SHEET - 01
SEE SHEET - 02
SEC 17 22N 2E
SEC 16 22N 2E
SEC 15 22N 2E
SEC 14 22N 2E
Dogie Creek
SEC 13 22N 2E
SEE SHEET - 02
SEE SHEET - 03
SEC 18 22N 3E
Harding County
MP 19
MP 18
MP 17
MP 16
MP 15
MP 14
SEC 19 22N 2E
Scott Creek
SEC 20 22N 2E
SEC 21 22N 2E
SEC 22 22N 2E
SEC 23 22N 2E
SEC 24 22N 2E
SEC 19 22N 3E
SEC 30 22N 2E
SEC 29 22N 2E
SEC 28 22N 2E
Middle Creek
SEC 27 22N 2E
SEC 26 22N 2E
SEC 25 22N 2E
SEC 30 22N 3E

N W E S

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

2/15/09 CENTERLINE
2008 AERIALS

Legend

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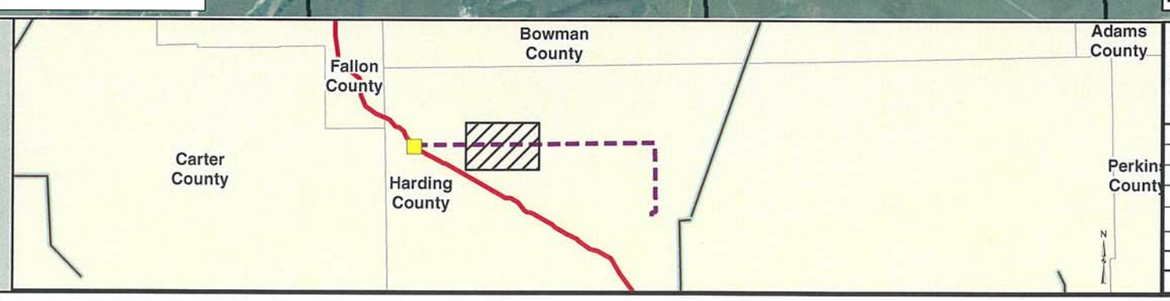

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PS-15

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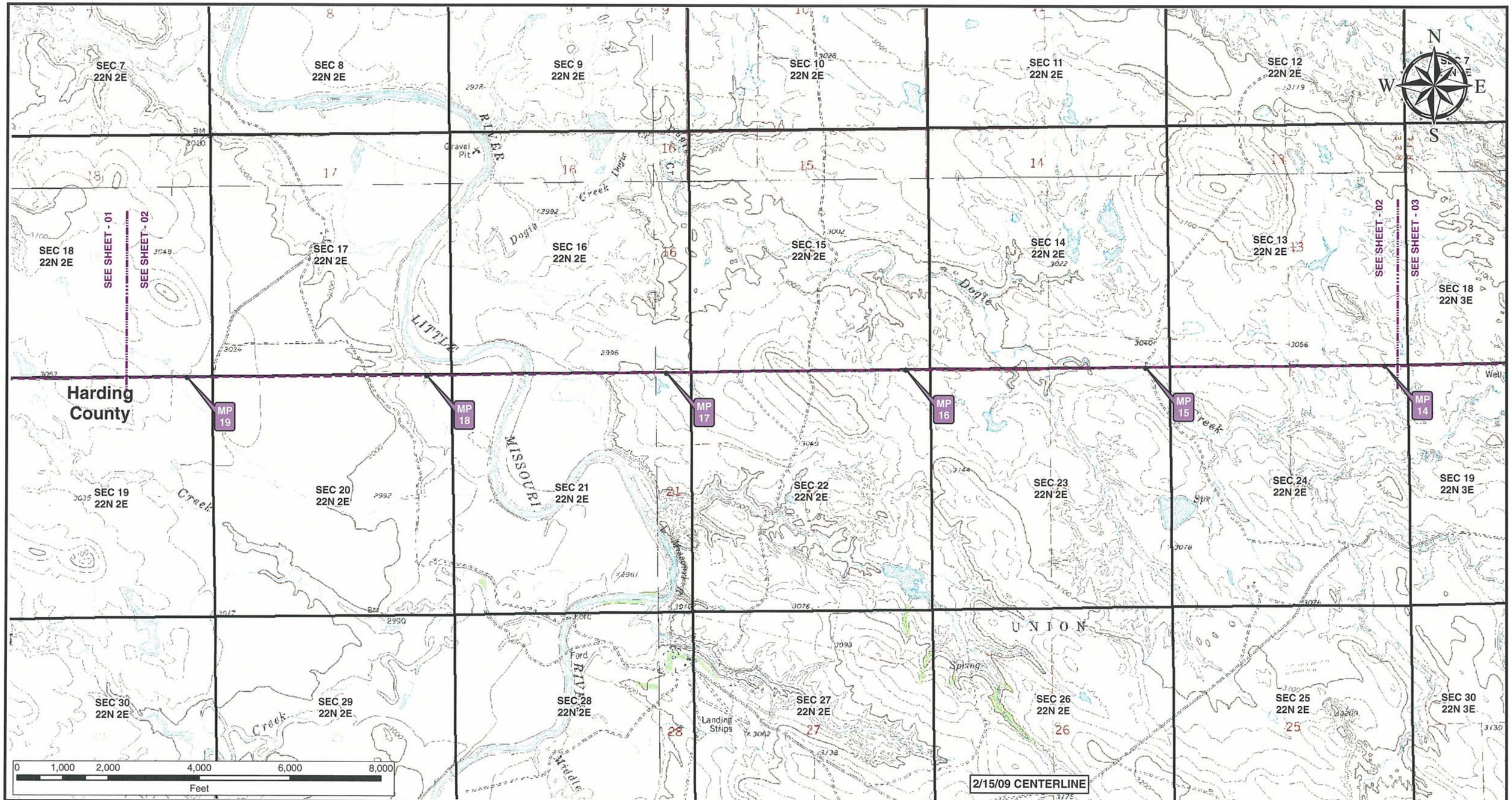

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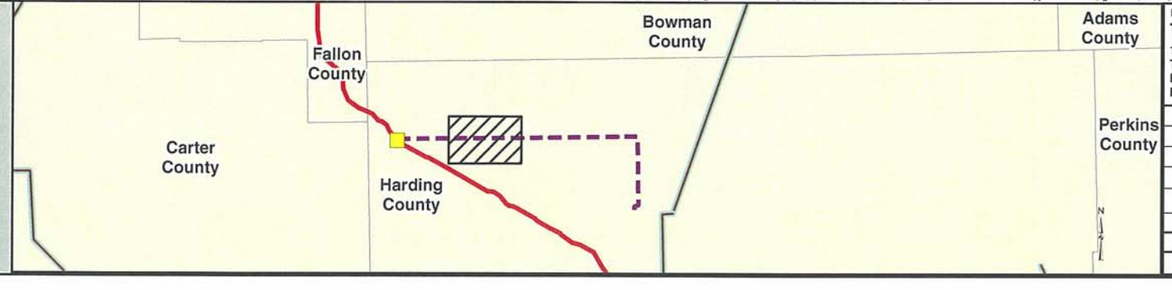

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TRANSMISSION SUPPLY LINE ROUTE MAP
HARDING COUNTY, SOUTH DAKOTA
PS-15

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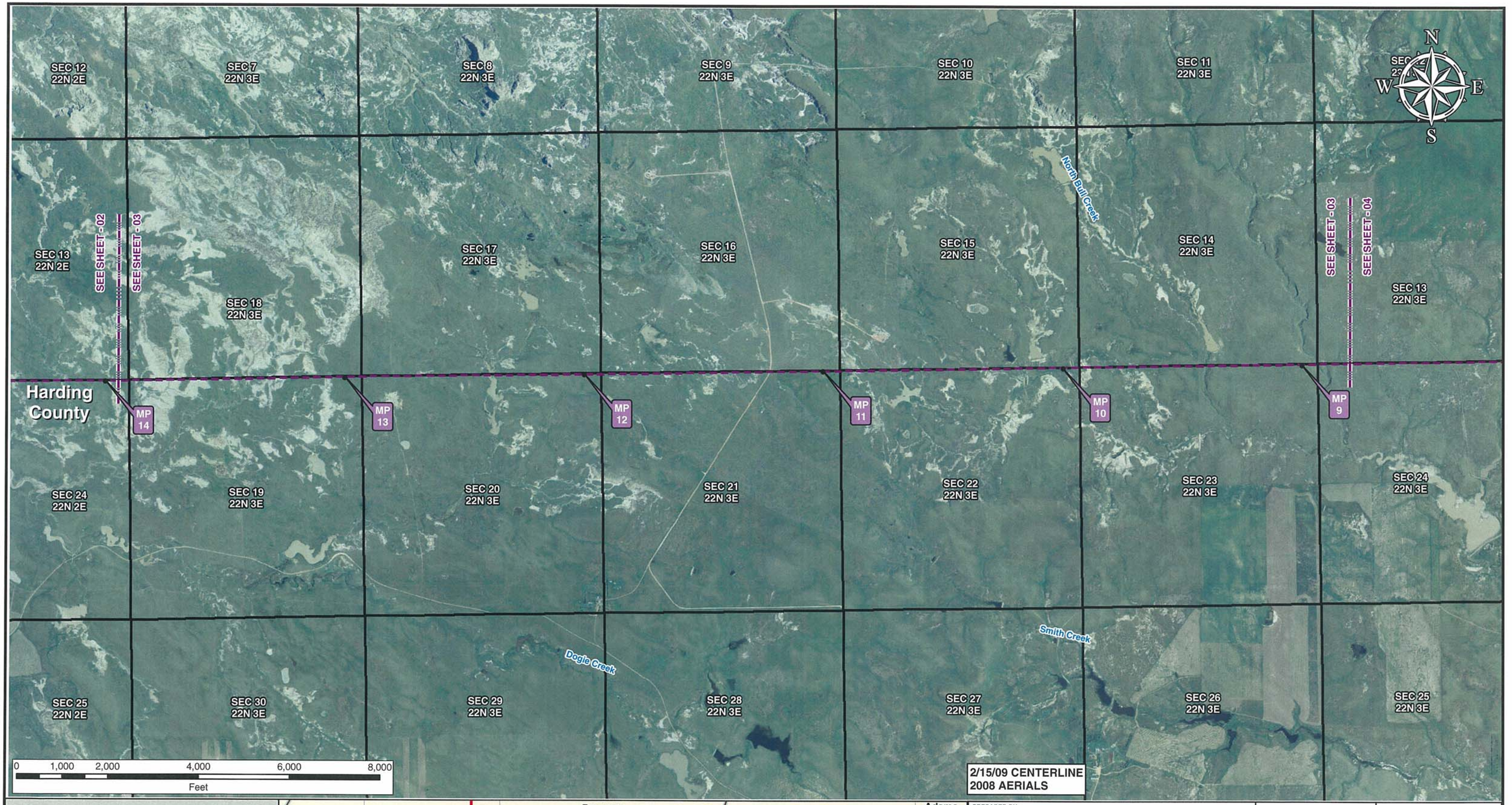
AH	SS	RG	50388X	XL- 30-ML-2003-P- 15-02 -Q	02 of 05	1



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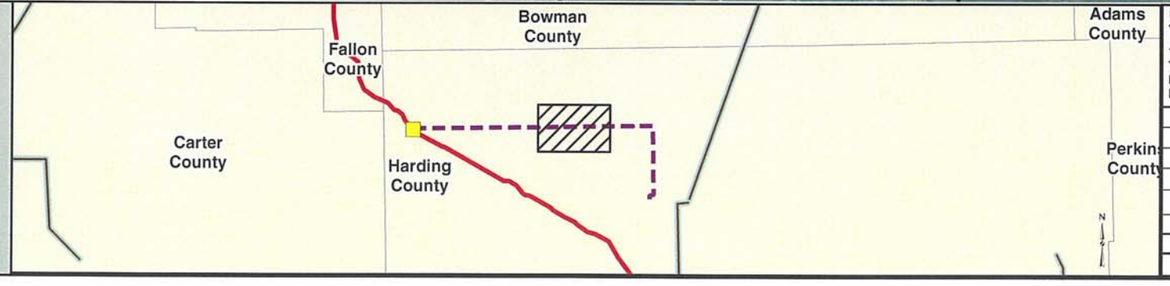

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TRANSMISSION SUPPLY LINE ROUTE MAP
HARDING COUNTY, SOUTH DAKOTA
PS-15

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-15-03-A	03 of 05	1

SEC 12 22N 2E
SEC 7 22N 3E
SEC 8 22N 3E
SEC 9 22N 3E
SEC 10 22N 3E
SEC 11 22N 3E
SEC 13 22N 2E
SEC 18 22N 3E
SEC 17 22N 3E
SEC 16 22N 3E
SEC 15 22N 3E
SEC 14 22N 3E
SEC 13 22N 3E
SEC 24 22N 2E
SEC 19 22N 3E
SEC 20 22N 3E
SEC 21 22N 3E
SEC 22 22N 3E
SEC 23 22N 3E
SEC 24 22N 3E
SEC 25 22N 2E
SEC 30 22N 3E
SEC 29 22N 3E
SEC 28 22N 3E
SEC 27 22N 3E
SEC 26 22N 3E
SEC 25 22N 3E

Doyle Butte
Cooper Draw
Cooper Draw
Doyle
Creek
Smith Spring
Creek
Well
Drill Hole

SEE SHEET - 02
SEE SHEET - 03
SEE SHEET - 03
SEE SHEET - 04

Harding County

MP 14
MP 13
MP 12
MP 11
MP 10
MP 9

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

2/15/09 CENTERLINE

Legend

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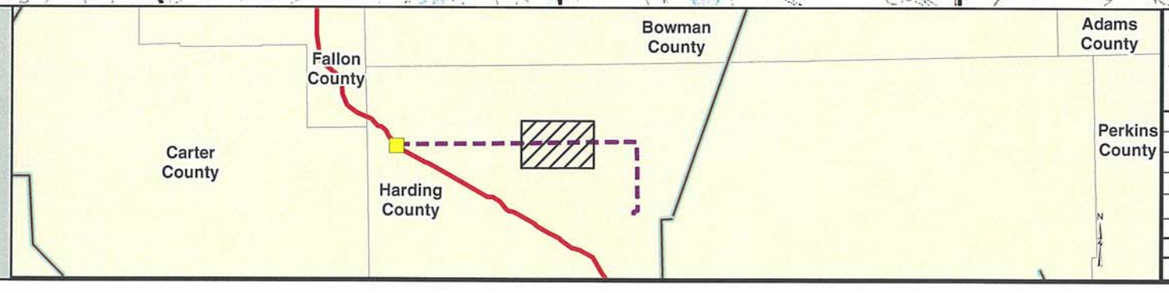

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KEYSTONE XL PROJECT
TRANSMISSION SUPPLY LINE ROUTE MAP
HARDING COUNTY, SOUTH DAKOTA
PS-15

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AH	SS	RG	50388X	XL-30-ML-2003-P-15-03-Q	03 of 05	1

SEC 6 22N 4E
SEC 8 22N 4E
SEC 16 22N 4E
SEC 1 22N 3E
SEC 7 22N 4E
SEC 17 22N 4E
SEC 21 22N 4E
SEC 22 22N 4E
SEC 27 22N 4E
SEC 35 22N 4E
SEC 12 22N 3E
SEC 18 22N 4E
SEC 20 22N 4E
SEC 28 22N 4E
SEC 34 22N 4E
SEC 11 22N 3E
SEC 13 22N 3E
SEC 19 22N 4E
SEC 29 22N 4E
SEC 33 22N 4E
SEC 3 21N 4E
SEC 14 22N 3E
SEC 24 22N 3E
SEC 30 22N 4E
SEC 32 22N 4E
SEC 4 21N 4E
SEC 15 22N 3E
SEC 23 22N 3E
SEC 25 22N 3E
SEC 31 22N 4E
SEC 5 21N 4E
SEC 9 21N 4E
SEC 36 22N 3E

Middle Creek
North Bull Creek
Smith Creek
CR733
CR797

Harding County

MP 2
MP 3
MP 4
MP 5
MP 6
MP 7
MP 8
MP 9

SEE SHEET - 03
SEE SHEET - 04
SEE SHEET - 04
SEE SHEET - 05

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

2/15/09 CENTERLINE
2008 AERIALS

Legend

- Milepost
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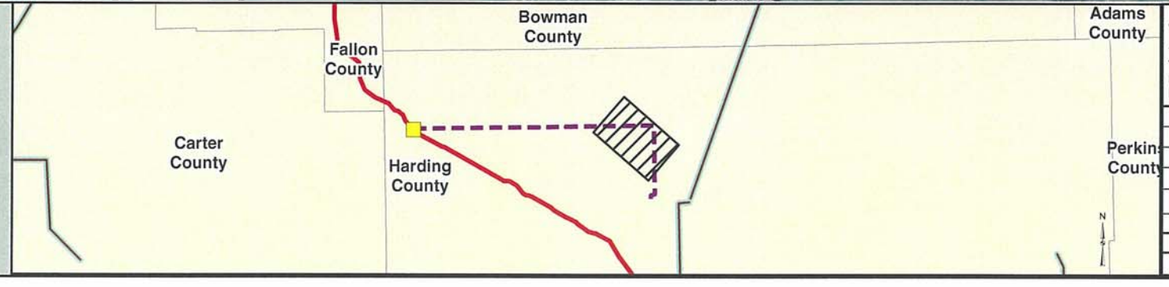

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PS-15

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AH	SS	RG	50388X	XL- 30-ML-2003-P- 15-04 -A	04 of 05	1

SEC 6 22N 4E
SEC 1 22N 3E
SEC 8 22N 4E
SEC 16 22N 4E
SEC 22 22N 4E
SEC 7 22N 4E
SEC 17 22N 4E
SEC 21 22N 4E
SEC 27 22N 4E
SEC 35 22N 4E
SEC 12 22N 3E
SEC 18 22N 4E
SEC 20 22N 4E
SEC 28 22N 4E
SEC 34 22N 4E
SEC 11 22N 3E
SEC 13 22N 3E
SEC 19 22N 4E
SEC 29 22N 4E
SEC 33 22N 4E
SEC 3 21N 4E
SEC 14 22N 3E
SEC 24 22N 3E
SEC 30 22N 4E
SEC 32 22N 4E
SEC 4 21N 4E
SEC 15 22N 3E
SEC 23 22N 3E
SEC 25 22N 3E
SEC 31 22N 4E
SEC 5 21N 4E
SEC 36 22N 3E
SEC 9 21N 4E

Harding County

Mt McKinley

TABLE MOUNTAIN RIDGE

Middle Creek

Gallager Draw

Cooper Draw

Reed Spring

Bull Creek

MP 1
MP 2
MP 3
MP 4
MP 5
MP 6
MP 7
MP 8
MP 9

SEE SHEET - 03
SEE SHEET - 04
SEE SHEET - 04
SEE SHEET - 05

2/15/09 CENTERLINE

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

N W E S

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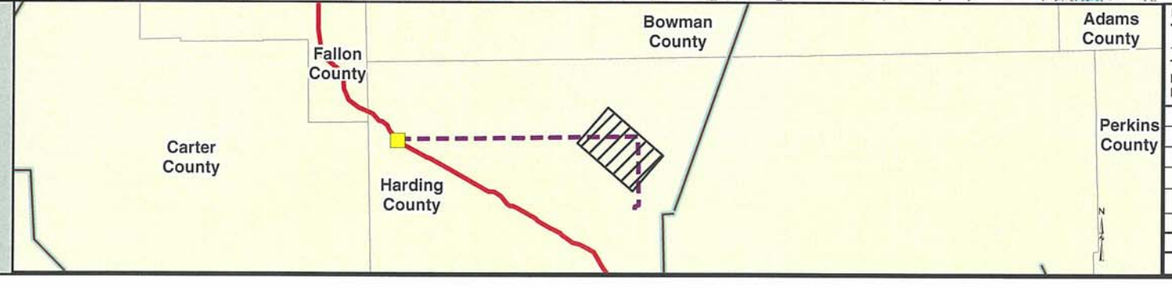

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PS-15

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SEC 26 22N 4E | SEC 35 22N 4E | SEC 2 21N 4E | SEC 11 21N 4E | SEC 14 21N 4E | SEC 23 21N 4E | SEC 29 21N 4E | SEC 21N 4E

SEC 27 22N 4E | SEC 34 22N 4E | SEC 3 21N 4E | SEC 10 21N 4E | SEC 15 21N 4E | SEC 22 21N 4E | SEC 27 21N 4E | SEC 34 21N 4E

N E S W

Bull Creek

CR797

SEE SHEET - 04

SEE SHEET - 05

Harding County

SEC 28 22N 4E | SEC 33 22N 4E | SEC 4 21N 4E | SEC 9 21N 4E | SEC 16 21N 4E | SEC 21 21N 4E | SEC 28 21N 4E | SEC 33 21N 4E

Boot Creek

MP 3

MP 2

MP 1

MP 0

South Bull Creek

Cottonwood Creek

North Bull Creek

SEC 29 22N 4E | SEC 32 22N 4E | SEC 5 21N 4E | SEC 8 21N 4E | SEC 17 21N 4E | SEC 20 21N 4E | SEC 29 21N 4E | SEC 33 21N 4E

Cottonwood Creek

SEC 6 21N 4E | SEC 7 21N 4E | SEC 18 21N 4E | SEC 19 21N 4E | SEC 30 21N 4E | SEC 31 21N 4E

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

Feet

2/15/09 CENTERLINE
2008 AERIALS

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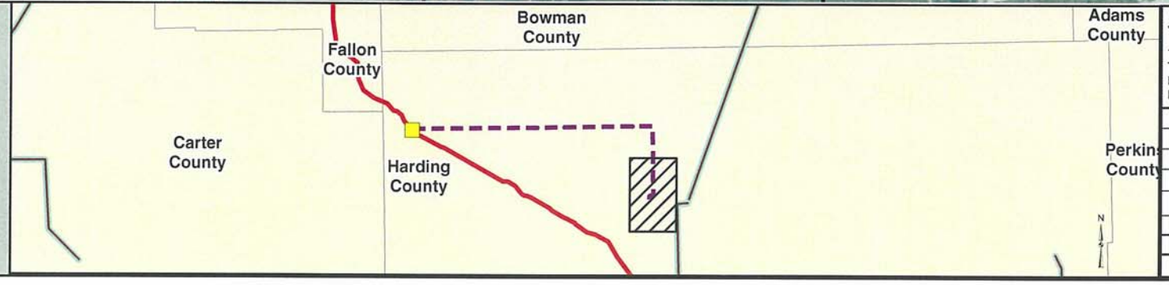

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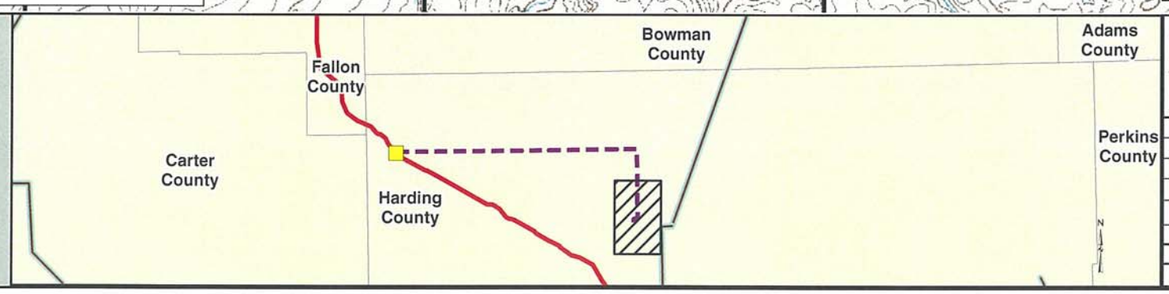
SEC 26 22N 4E
SEC 35 22N 4E
SEC 2 21N 4E
SEC 11 21N 4E
SEC 14 21N 4E
SEC 23 21N 4E
SEC 26 21N 4E
SEC 27 22N 4E
SEC 34 22N 4E
SEC 3 21N 4E
SEC 10 21N 4E
SEC 15 21N 4E
SEC 22 21N 4E
SEC 27 21N 4E
SEC 34 21N 4E
SEE SHEET - 04
SEE SHEET - 05
Harding County
SEC 33 22N 4E
SEC 4 21N 4E
SEC 9 21N 4E
SEC 16 21N 4E
SEC 21 21N 4E
SEC 28 21N 4E
SEC 28 22N 4E
MP 3
MP 2
MP 1
MP 0
SEC 29 22N 4E
SEC 32 22N 4E
SEC 5 21N 4E
SEC 8 21N 4E
SEC 17 21N 4E
SEC 20 21N 4E
SEC 29 21N 4E
SEC 6 21N 4E
SEC 7 21N 4E
SEC 18 21N 4E
SEC 19 21N 4E
SEC 30 21N 4E
2/15/09 CENTERLINE
0 1,000 2,000 4,000 6,000 8,000
Feet

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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NO.	REVISION	DATE
1	ISSUED FOR SUPPLEMENTAL U.S. DEPT. OF STATE FILING (2.15.09 CL)	7.6.09
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KEYSTONE XL PROJECT
TRANSMISSION SUPPLY LINE ROUTE MAP
HARDING COUNTY, SOUTH DAKOTA
PS-15

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

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
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