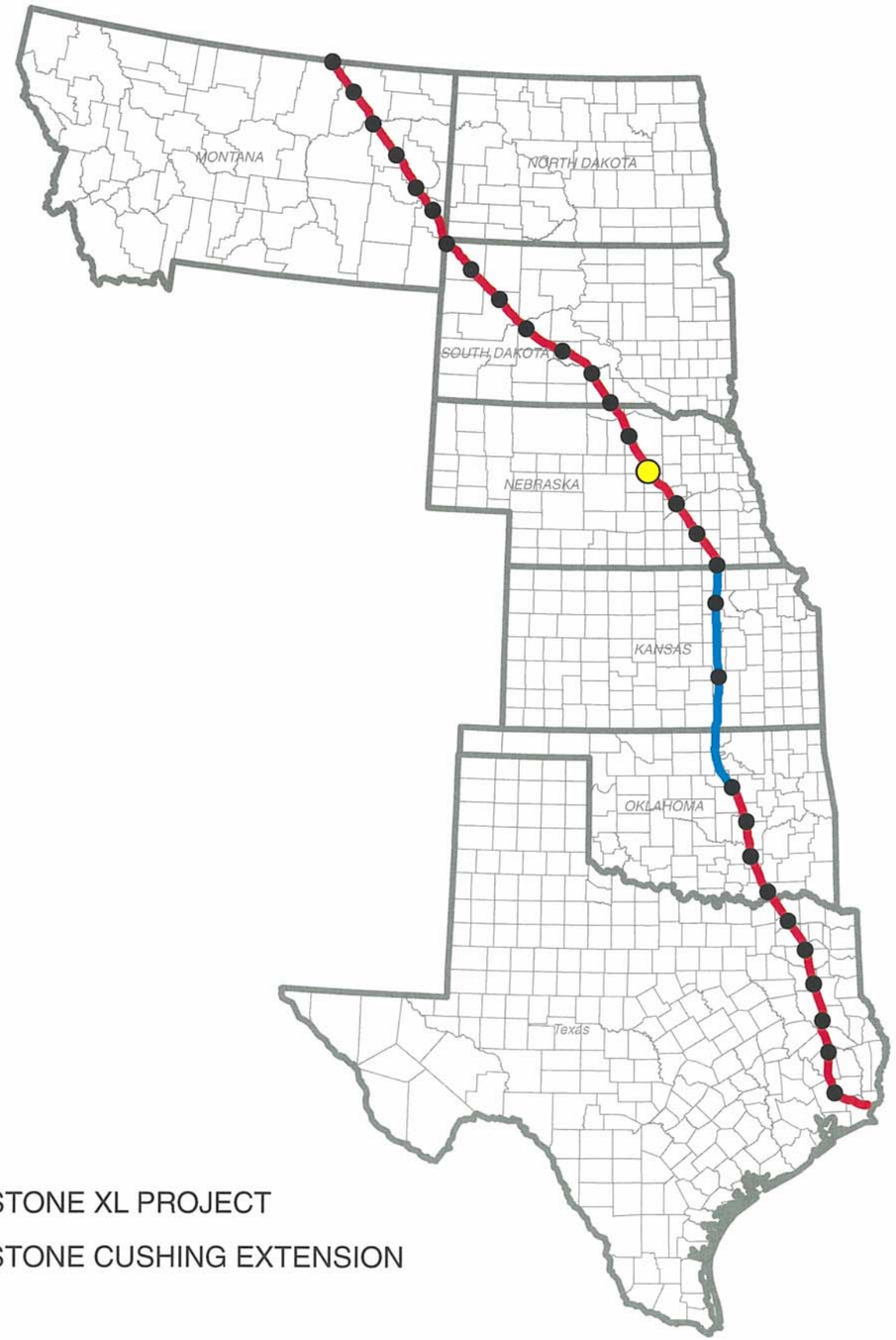


KEYSTONE XL PROJECT

KEYSTONE CUSHING EXTENSION

# TransCanada Keystone Pipeline, L.P.
# United States Department of State
# Keystone XL Project
# Appendix B
# Powerline Aerial and
# USGS Route Sheets
# PS-23

## 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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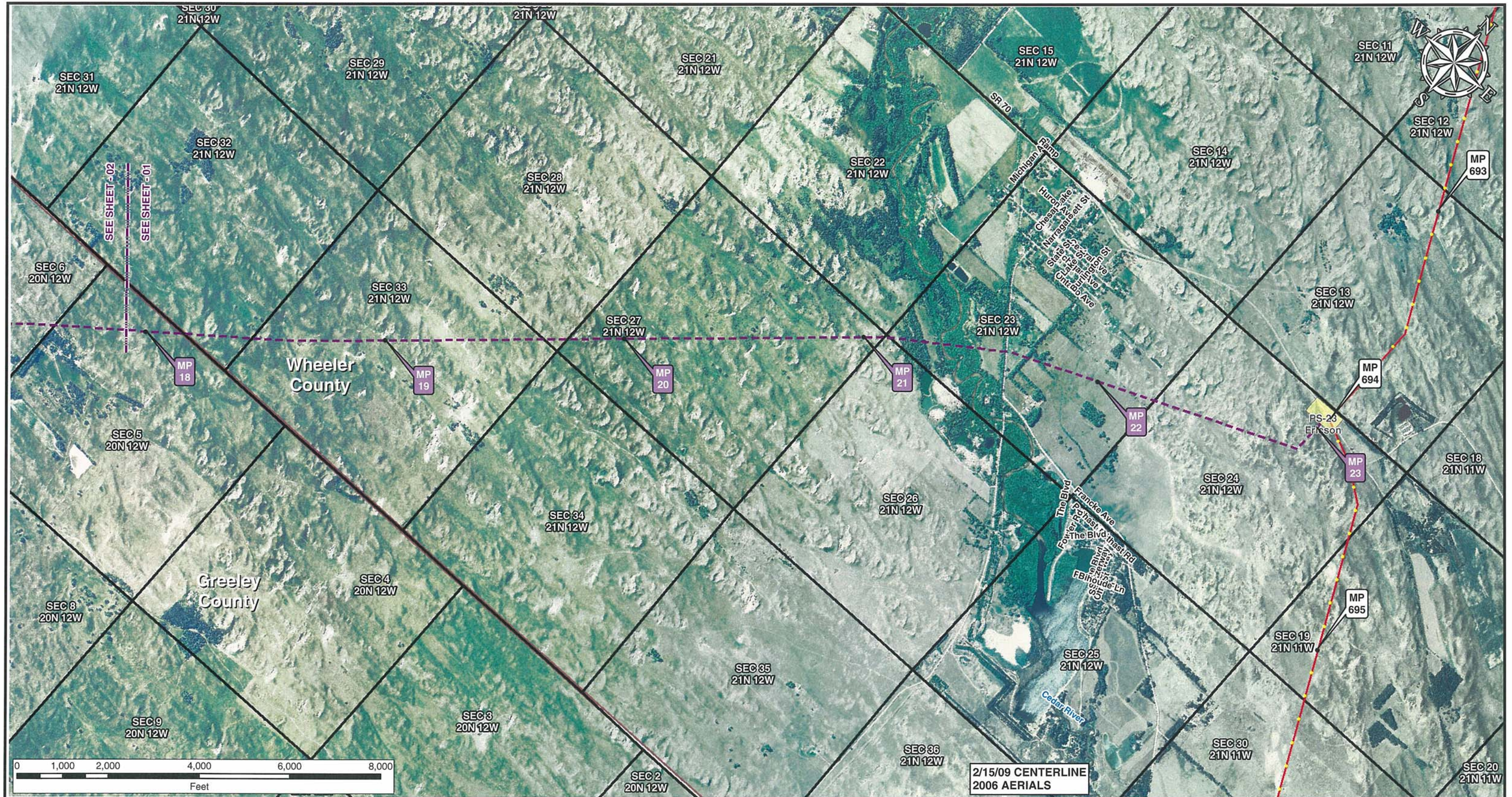
| XL-FIPS-ML-2003-P-000 | GS | SS | RG |

KEYSTONE XL PROJECT
ROUTE SHEETS

MAP PARAMETERS
PROJECTION: NAD83, UTM: 14N
NTS

PROJECT: 50388X

SHEET: COVER SHEET

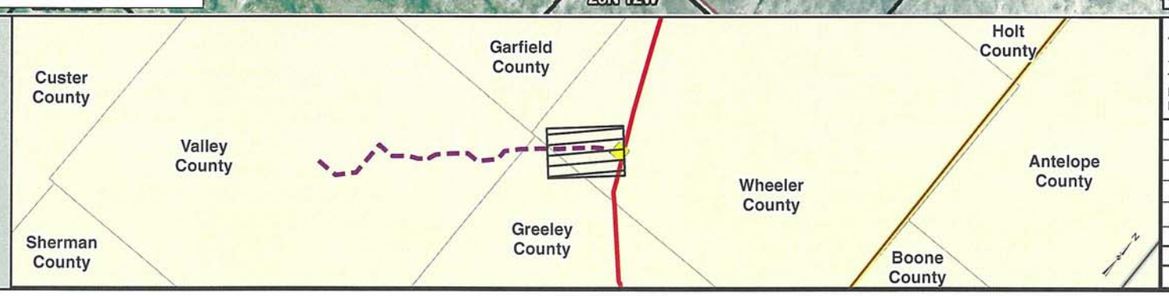



**Legend**

- 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
## WHEELER COUNTY, NEBRASKA
## PS-23

MAP PARAMETERS
PROJECTION: NAD83, UTM:14N
SCALE: 1:24000 ; 1"=2000'

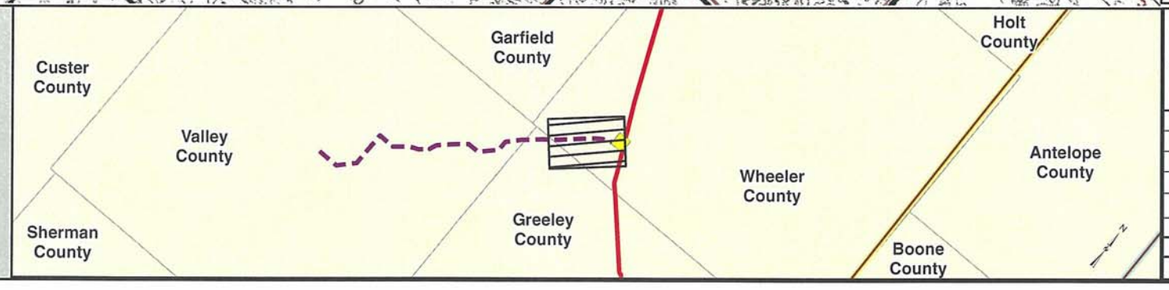
| DRAWN BY | CHECKED BY | APPROVED BY | PROJECT: | DRAWING NUMBER | SHEET | REV. |
|---|---|---|---|---|---|---|
| AH | SS | RG | 50388X | XL-31-ML-2003-P-23-01-A | 01 of 04 | 1 |

SEC 30 21N 12W
21N 12W
SEC 29 21N 12W
SEC 21 21N 12W
SEC 15 21N 12W
SEC 11 21N 12W
SEC 31 21N 12W
SEC 32 21N 12W
SEC 28 21N 12W
SEC 22 21N 12W
SEC 14 21N 12W
SEC 12 21N 12W
SEE SHEET - 02
SEE SHEET - 01
SEC 6 20N 12W
WHEELER CO
GREELEY CO
SEC 33 21N 12W
SEC 27 21N 12W
SEC 23 21N 12W
SEC 13 21N 12W
Wheeler County
MP 18
MP 19
MP 20
MP 21
MP 22
MP 23
MP 693
MP 694
MP 695
PS-23 Ericson
SEC 5 20N 12W
SEC 34 21N 12W
SEC 26 21N 12W
SEC 24 21N 12W
SEC 18 21N 11W
Greeley County
SEC 4 20N 12W
SEC 8 20N 12W
SEC 35 21N 12W
SEC 25 21N 12W
SEC 19 21N 11W
SEC 9 20N 12W
SEC 3 20N 12W
SEC 36 21N 12W
SEC 30 21N 11W
SEC 2 20N 12W
SEC 20 21N 11W
Ericson Lake
Rivet
Winslow
Winslow
Earlson
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
WHEELER COUNTY, NEBRASKA
PS-23

MAP PARAMETERS
PROJECTION: NAD83, UTM:14N
SCALE: 1:24000 ; 1"=2000'

| DRAWN BY | CHECKED BY | APPROVED BY | PROJECT: | DRAWING NUMBER | SHEET | REV. |
|---|---|---|---|---|---|---|
| AH | SS | RG | 50388X | XL-31-ML-2003-P-23-01-Q | 01 of 04 | 1 |

SEC 16 20N 13W
SR 70
SEC 10 20N 13W
SEC 2 20N 13W
SEC 36 21N 13W
SEC 30 21N 12W
SEC 31 21N 12W
SEC 21 20N 13W
SEC 15 20N 13W
SEC 11 20N 13W
SEC 1 20N 13W
Wheeler County
SEE SHEET - 02
SEE SHEET - 01
SEC 32 21N 12W
SEC 14 20N 13W
SEC 12 20N 13W
SEC 6 20N 12W
Valley County
SEE SHEET - 03
SEE SHEET - 02
SEC 22 20N 13W
MP 12
MP 15
MP 16
MP 17
MP 18
SEC 23 20N 13W
SEC 13 20N 13W
SEC 7 20N 12W
SEC 5 20N 12W
MP 13
MP 14
SEC 27 20N 13W
Greeley County
SEC 4 20N 12W
SEC 8 20N 12W
SEC 24 20N 13W
SEC 18 20N 12W
SEC 26 20N 13W
SEC 34 20N 13W
SEC 25 20N 13W
SEC 19 20N 12W
SEC 17 20N 12W
SEC 9 20N 12W
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
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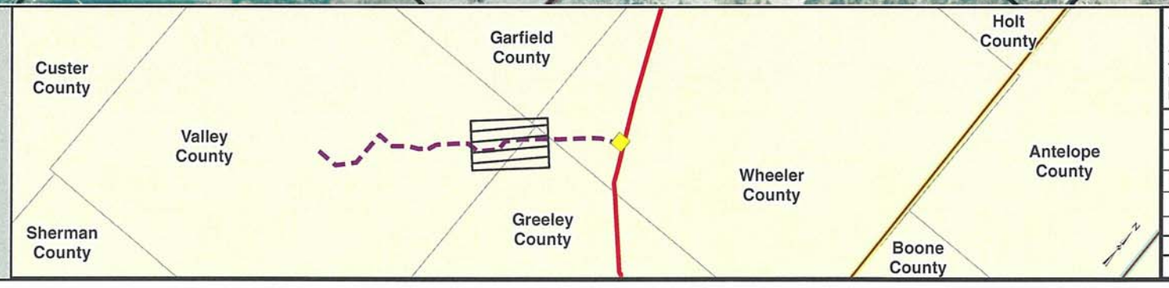


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KEYSTONE XL PROJECT
TRANSMISSION SUPPLY LINE ROUTE MAP
GREELEY COUNTY, NEBRASKA
**PS-23**

MAP PARAMETERS
PROJECTION: NAD83, UTM:14N
SCALE: 1:24000 ; 1"=2000'

| DRAWN BY | CHECKED BY | APPROVED BY | PROJECT: | DRAWING NUMBER | SHEET | REV. |
|---|---|---|---|---|---|---|
| AH | SS | RG | 50388X | XL-31-ML-2003-P-23-02-A | 02 of 04 | 1 |

SEC 16 20N 13W
SEC 10 20N 13W
SEC 2 20N 13W
SEC 36 21N 13W
SEC 30 21N 12W
SEC 31 21N 12W
SEC 21 20N 13W
SEC 15 20N 13W
SEC 11 20N 13W
SEC 1 20N 13W
Wheeler County
SEE SHEET - 02
SEE SHEET - 01
SEC 32 21N 12W
SEC 14 20N 13W
SEC 12 20N 13W
SEC 6 20N 12W
Valley County
SEE SHEET - 03
SEE SHEET - 02
SEC 28 20N 13W
SEC 22 20N 13W
MP 12
MP 15
MP 16
MP 17
MP 18
VALLEY CO
GREELEY CO
SEC 5 20N 12W
SEC 23 20N 13W
SEC 7 20N 12W
SEC 27 20N 13W
MP 13
MP 14
SEC 13 20N 13W
Greeley County
SEC 4 20N 12W
SEC 8 20N 12W
SEC 24 20N 13W
SEC 18 20N 12W
SEC 26 20N 13W
SEC 34 20N 13W
SEC 25 20N 13W
SEC 19 20N 12W
SEC 17 20N 12W
SEC 9 20N 12W
SEC 35
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
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- Section Line

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Voltage
- Below 230kV
- 230kV - 344kV
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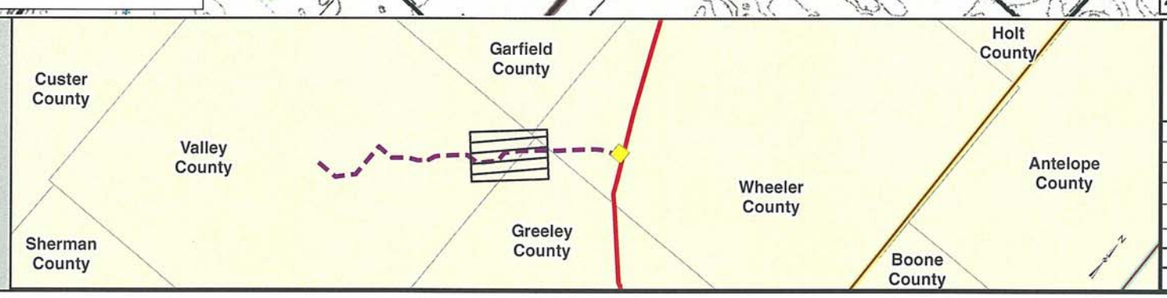


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KEYSTONE XL PROJECT
TRANSMISSION SUPPLY LINE ROUTE MAP
GREELEY COUNTY, NEBRASKA
PS-23

MAP PARAMETERS
PROJECTION: NAD83, UTM:14N
SCALE: 1:24000 ; 1"=2000'

| DRAWN BY | CHECKED BY | APPROVED BY | PROJECT: | DRAWING NUMBER | SHEET | REV. |
|---|---|---|---|---|---|---|
| AH | SS | RG | 50388X | XL-31-ML-2003-P-23-02-Q | 02 of 04 | 1 |

SEC 35 20N 14W
SEC 25 20N 14W
SEC 19 20N 13W
20N 13W
SEC 2 19N 14W
SEC 36 20N 14W
SEC 30 20N 13W
SR 70
Elm Cre
SEC 20 20N 13W
SR 70
N
W
E
S
SEC 1 19N 14W
SEC 31 20N 13W
SEC 29 20N 13W
SEC 21 20N 13W
SEC 1 20N 13
SEE SHEET - 04
SEE SHEET - 03
SEC 11 19N 14W
Oak Canyon Rd
well Sumter Canal
SEE SHEET - 03
SEE SHEET - 02
SEC 22 20N 13W
SEC 28 20N 13W
Valley County
MP 7
SEC 6 19N 13W
MP 8
SEC 32 20N 13W
MP 10
MP 11
MP 12
MP 9
Oak Canyon Rd
SEC 12 19N 14W
SEC 33 20N 13W
SEC 27 20N 13W
SEC 5 19N 13W
SEC 7 19N 13W
SEC 13 19N 14W
SEC 34 20N 13W
SEC 26 20N 13W
SEC 4 19N 13W
SEC 8 19N 13W
SEC 18 19N 13W
SEC 9 19N 13W
SEC 35 20N 13W
essenger Creek
0 1,000 2,000 4,000 6,000 8,000
Feet
2/15/09 CENTERLINE
2006 AERIALS

## Legend

- Milepost
- Keystone XL Project
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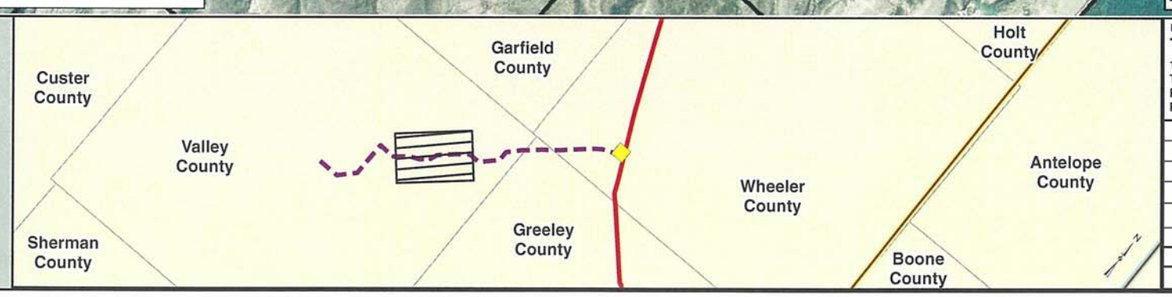


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KEYSTONE XL PROJECT
TRANSMISSION SUPPLY LINE ROUTE MAP
VALLEY COUNTY, NEBRASKA
**PS-23**

MAP PARAMETERS
PROJECTION: NAD83, UTM:14N
SCALE: 1:24000 ; 1"=2000'

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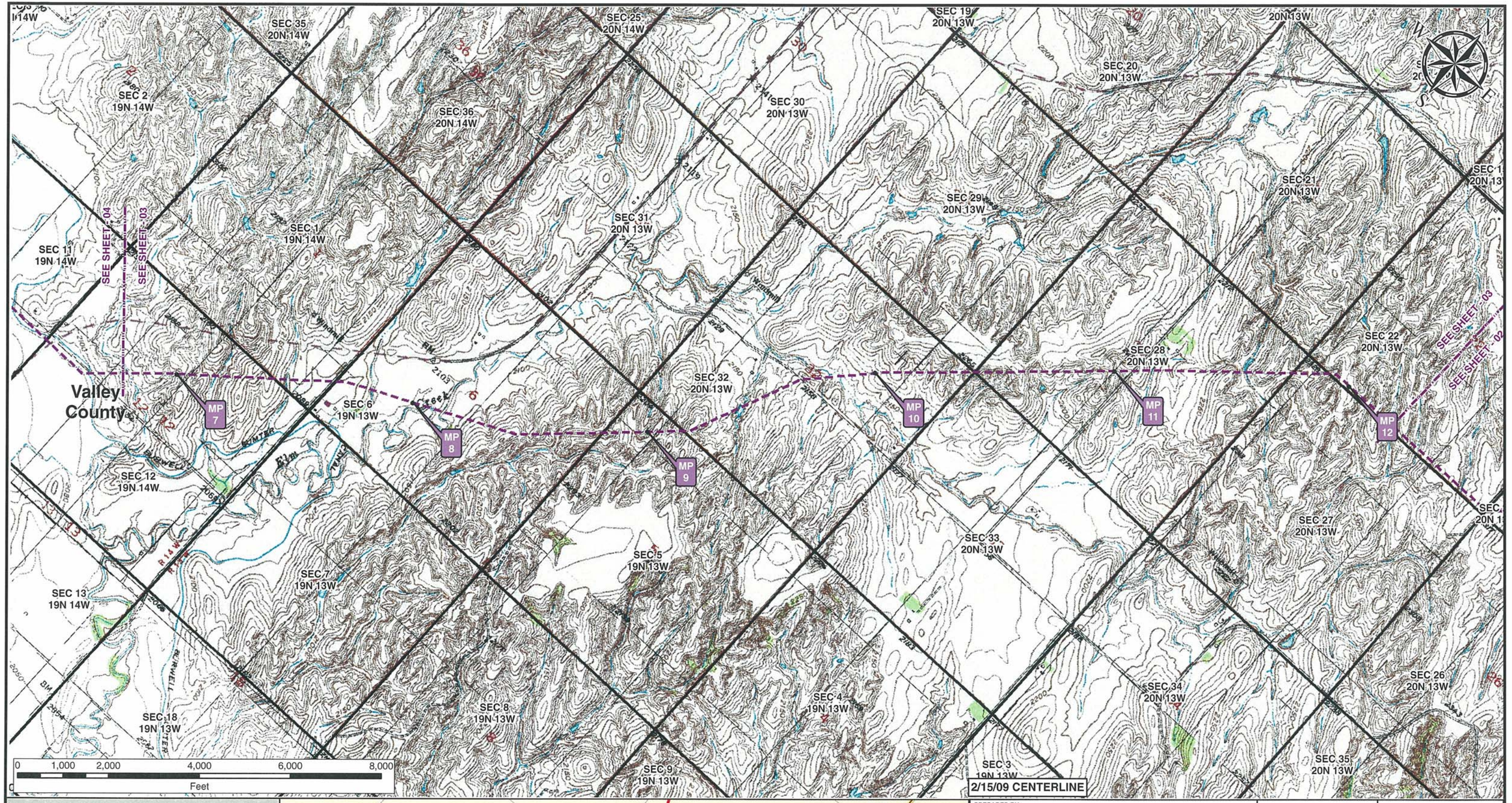
| AH | SS | RG | 50388X | XL-31-ML-2003-P-23-03-A | 03 of 04 | 1 |




## Legend

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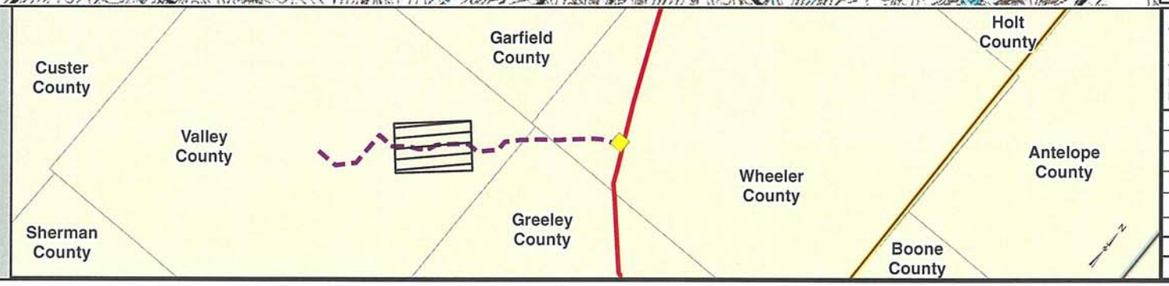


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# KEYSTONE XL PROJECT
# TRANSMISSION SUPPLY LINE ROUTE MAP
# VALLEY COUNTY, NEBRASKA
## PS-23

MAP PARAMETERS
PROJECTION: NAD83, UTM:14N
SCALE: 1:24000 ; 1"=2000'

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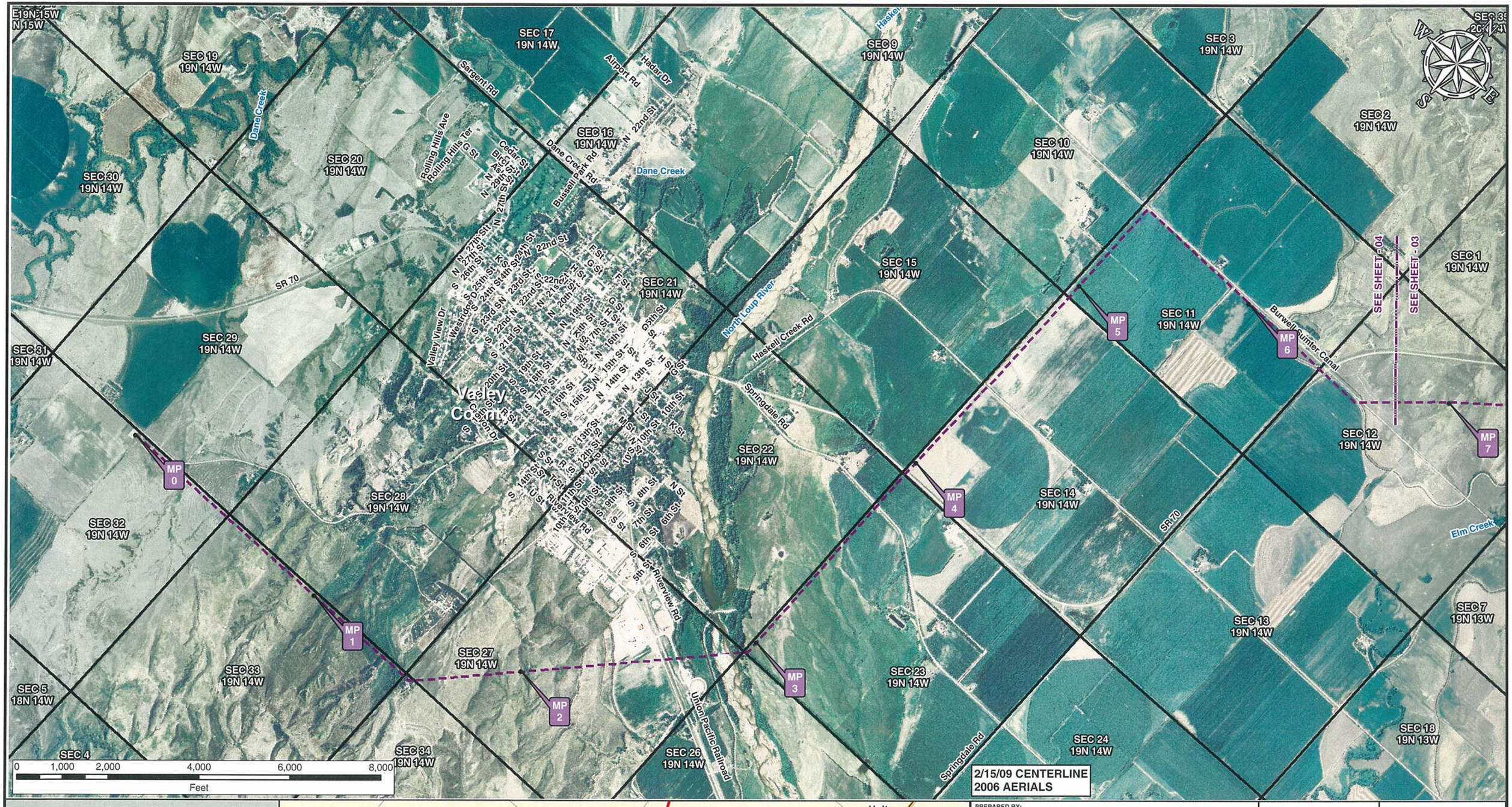


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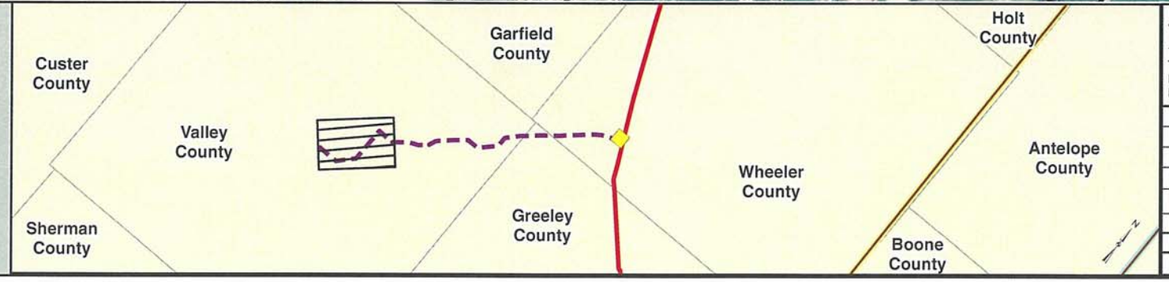


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**KEYSTONE XL PROJECT**
**TRANSMISSION SUPPLY LINE ROUTE MAP**
**VALLEY COUNTY, NEBRASKA**
**PS-23**

MAP PARAMETERS
PROJECTION: NAD83, UTM:14N
SCALE: 1:24000 ; 1"=2000'

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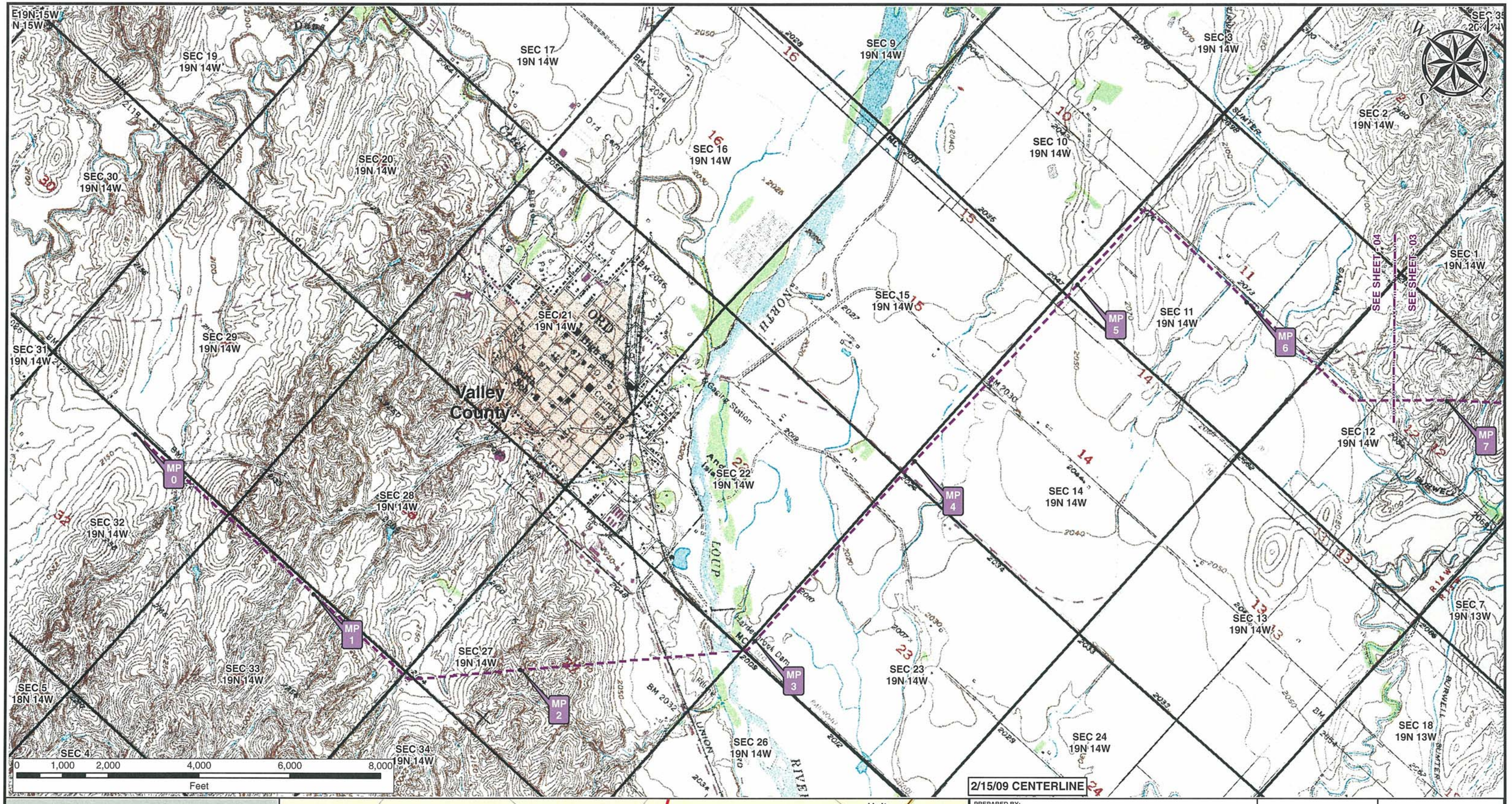


**Legend**

- Milepost
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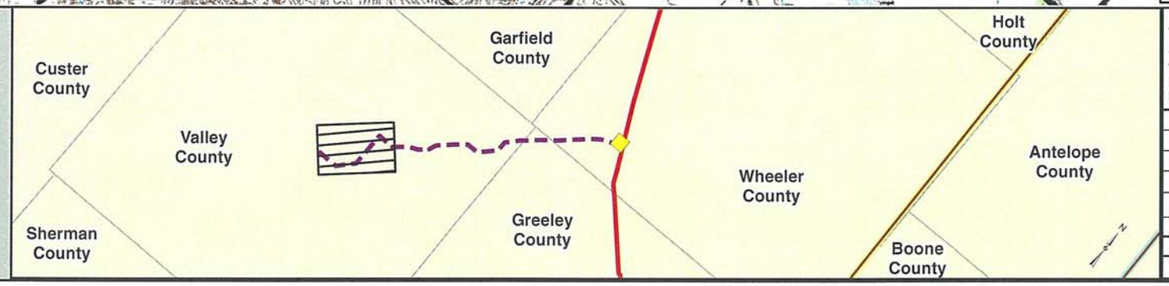


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# KEYSTONE XL PROJECT
## TRANSMISSION SUPPLY LINE ROUTE MAP
## VALLEY COUNTY, NEBRASKA
## PS-23

MAP PARAMETERS
PROJECTION: NAD83, UTM:14N
SCALE: 1:24000 ; 1"=2000'

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