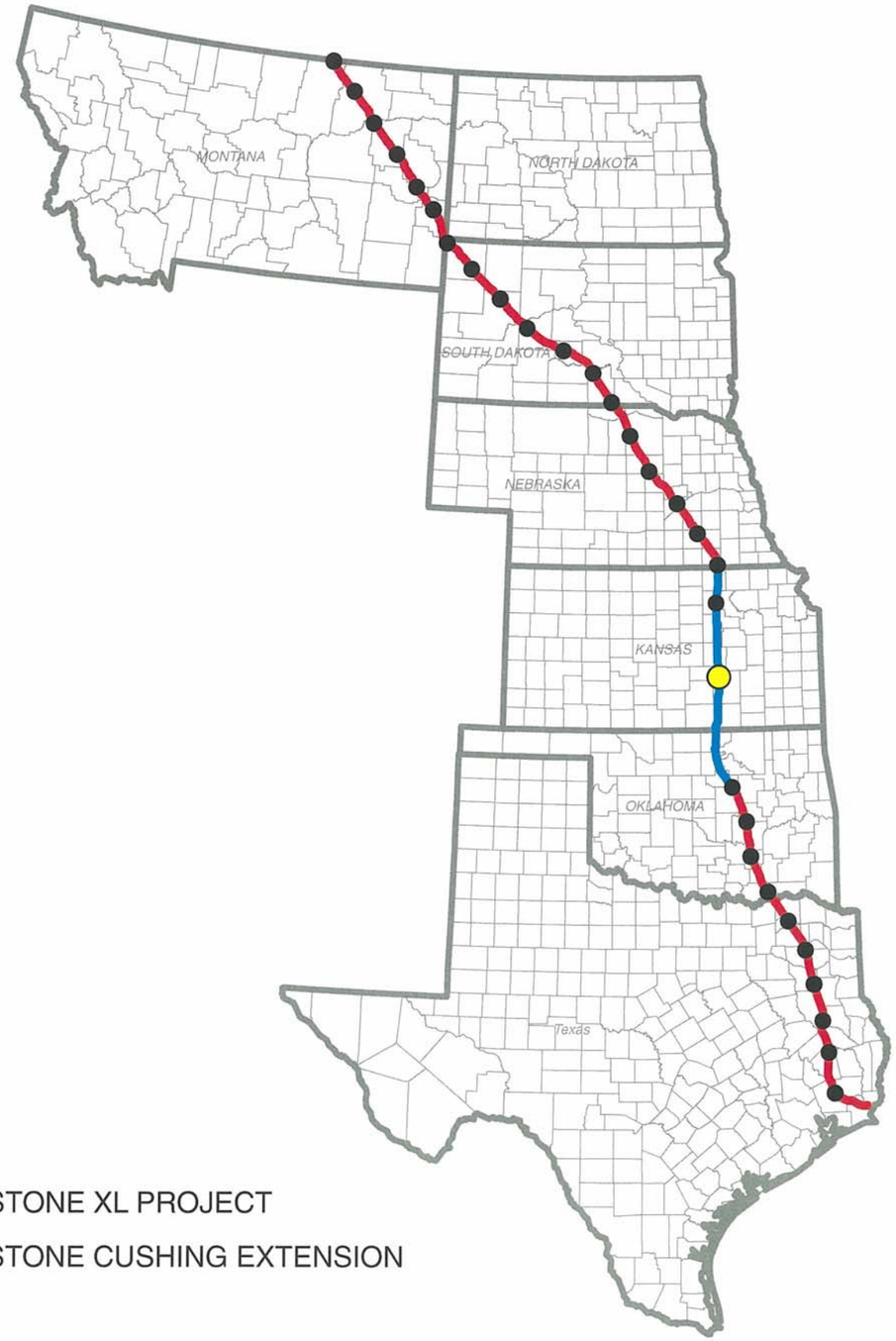

KEYSTONE XL PROJECT

KEYSTONE CUSHING EXTENSION

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

TransCanada Keystone Pipeline, L.P.
United States Department of State
Keystone XL Project
Appendix B
Powerline Aerial and
USGS Route Sheets
PS-29

3/20/09 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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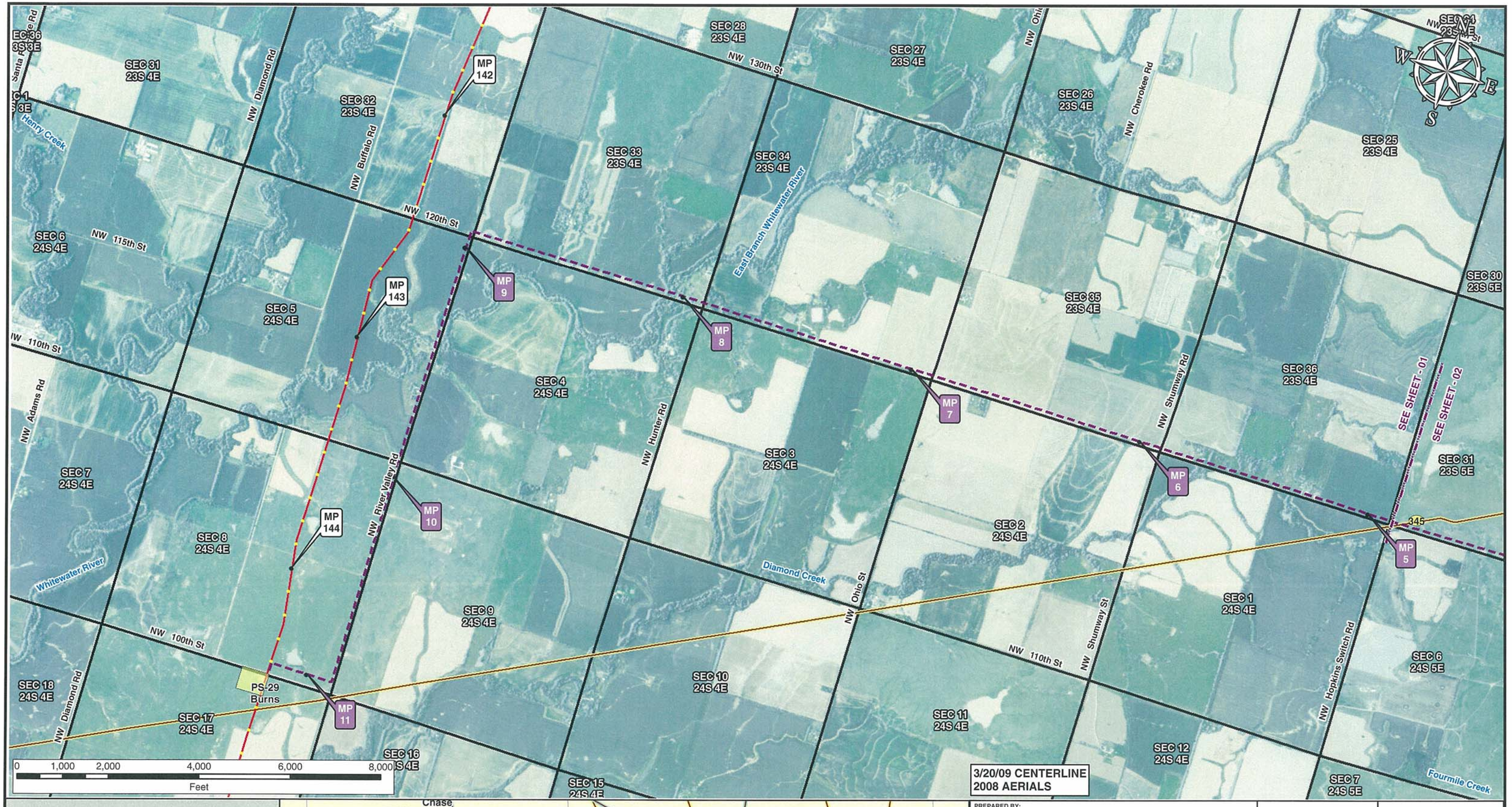
KEYSTONE XL PROJECT
ROUTE SHEETS

MAP PARAMETERS
PROJECTION: NAD83, UTM: 14N
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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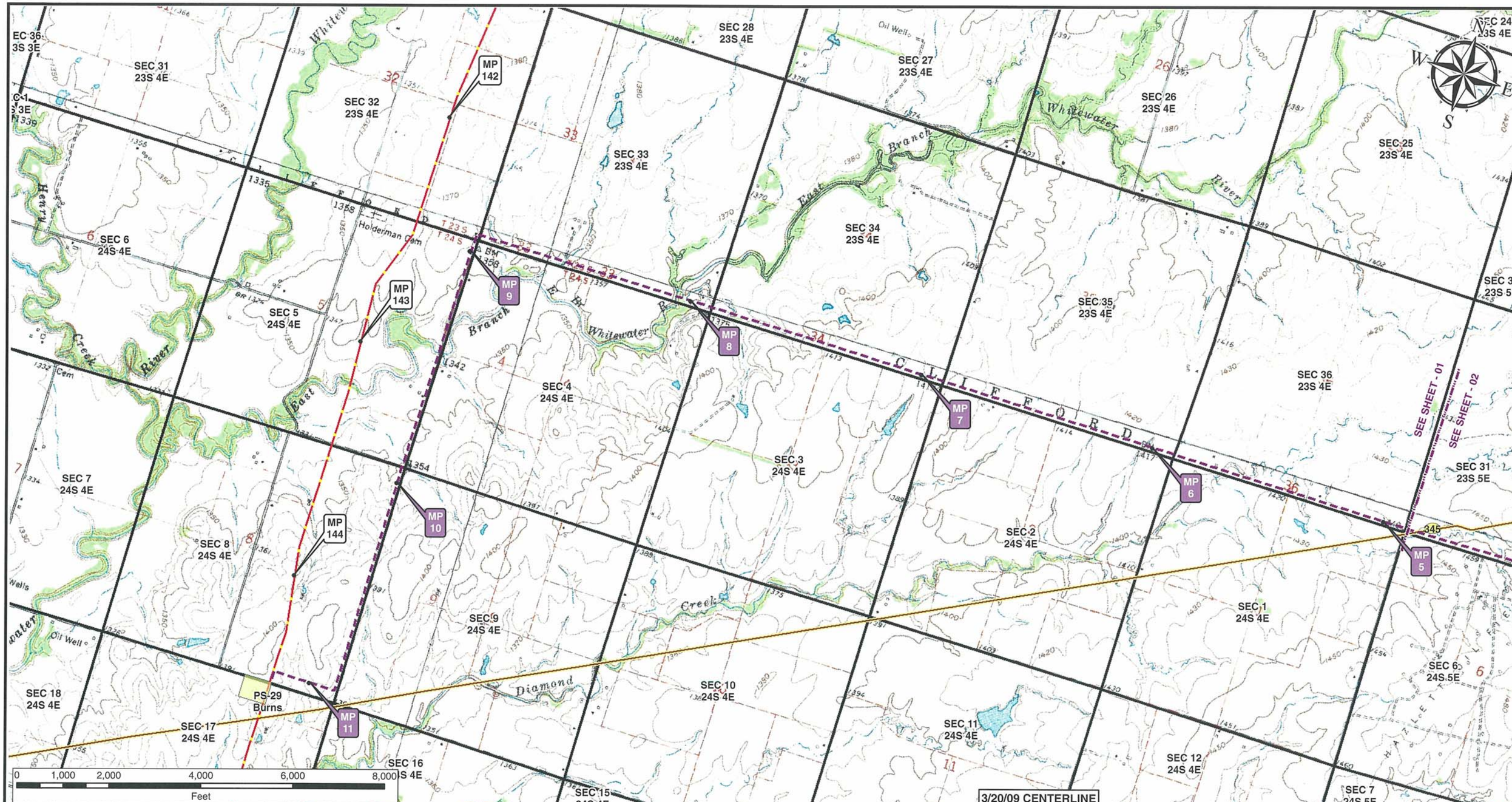
KEYSTONE XL PROJECT
TRANSMISSION SUPPLY LINE ROUTE MAP
BUTLER COUNTY, KANSAS
PS-29

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- 20-ML-2003-P- 29-01 -A	01 of 02	1



Legend

- Milepost
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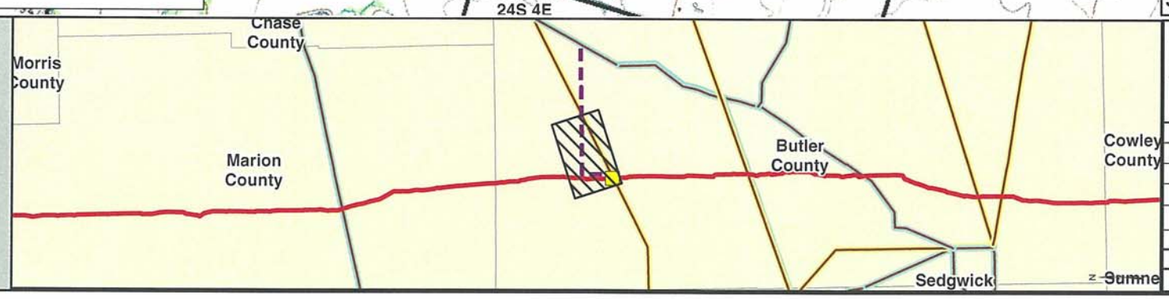

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KEYSTONE XL PROJECT
TRANSMISSION SUPPLY LINE ROUTE MAP
BUTLER COUNTY, KANSAS
PS-29

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- 20-ML-2003-P- 29-01 -Q	01 of 02	1

SEC 25 23S 4E
SEC 30 23S 5E
SEC 29 23S 5E
SEC 28 23S 5E
SEC 27 23S 5E
SEC 26 23S 5E
SEC 36 23S 4E
SEC 31 23S 5E
SEC 32 23S 5E
SEC 33 23S 5E
SEC 34 23S 5E
SEC 35 23S 5E
SEC 36 23S 5E
SEC 1 24S 4E
SEC 6 24S 5E
SEC 5 24S 5E
SEC 4 24S 5E
SEC 3 24S 5E
SEC 2 24S 5E
SEC 1 24S 5E
SEC 12 24S 4E
SEC 7 24S 5E
SEC 8 24S 5E
SEC 9 24S 5E
SEC 10 24S 5E
SEC 11 24S 5E
SEC 12 24S 5E

Diamond Creek
NW Purity Springs Rd
NW 130th St
NW Haverhill Rd
West Branch Walnut River
345
161kV
SEE SHEET - 01
SEE SHEET - 02
NW 120th St
MP 5
MP 4
MP 3
MP 2
MP 1
MP 0
NW Boyer Rd
US 77
NW Kiowa Rd
NW Hopkins Switch Rd
NW 110th St
NE 110th St
NW 108th St
Trumbaer Rd
NW Pickrell Rd
Fourmile Creek

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

3/20/09 CENTERLINE
2008 AERIALS

Legend

- Milepost
- Keystone XL Project
- Transmission Supply Line Route
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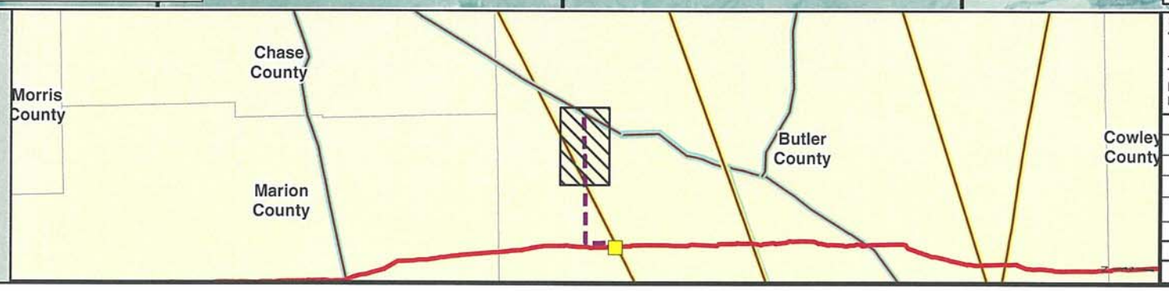

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KEYSTONE XL PROJECT
TRANSMISSION SUPPLY LINE ROUTE MAP
BUTLER COUNTY, KANSAS
PS-29

MAP PARAMETERS
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AH	SS	RG	50388X	XL-20-ML-2003-P-29-02-A	02 of 02	1

SEC 25 23S 4E
SEC 30 23S 5E
SEC 29 23S 5E
SEC 28 23S 5E
SEC 27 23S 5E
SEC 26 23S 5E
SEC 36 23S 4E
SEC 31 23S 5E
SEC 32 23S 5E
SEC 33 23S 5E
SEC 34 23S 5E
SEC 35 23S 5E
SEC 36 23S 5E
SEC 1 24S 4E
SEC 6 24S 5E
SEC 5 24S 5E
SEC 4 24S 5E
SEC 3 24S 5E
SEC 2 24S 5E
SEC 1 24S 5E
SEC 12 24S 4E
SEC 7 24S 5E
SEC 8 24S 5E
SEC 9 24S 5E
SEC 10 24S 5E
SEC 11 24S 5E
SEC 12 24S 5E

SEE SHEET - 01

SEE SHEET - 02

345

77

161kV

MP 5
MP 4
MP 3
MP 2
MP 1
MP 0

HAZLETT FIELD

RAILROAD GRADE

De Graff

3/20/09 CENTERLINE

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

Legend

- Milepost
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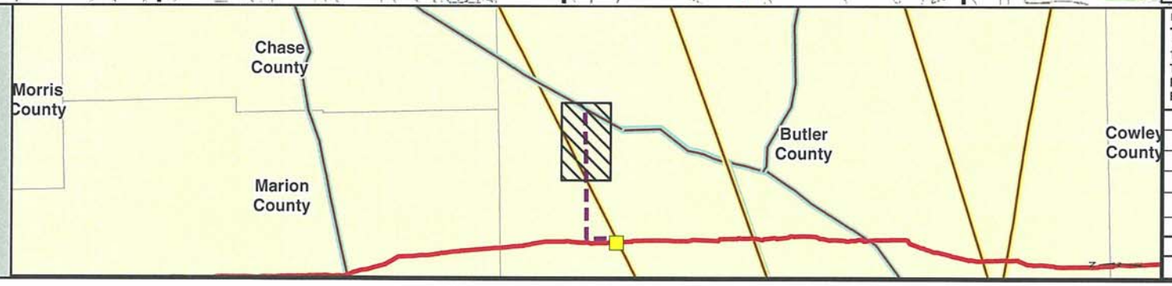

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