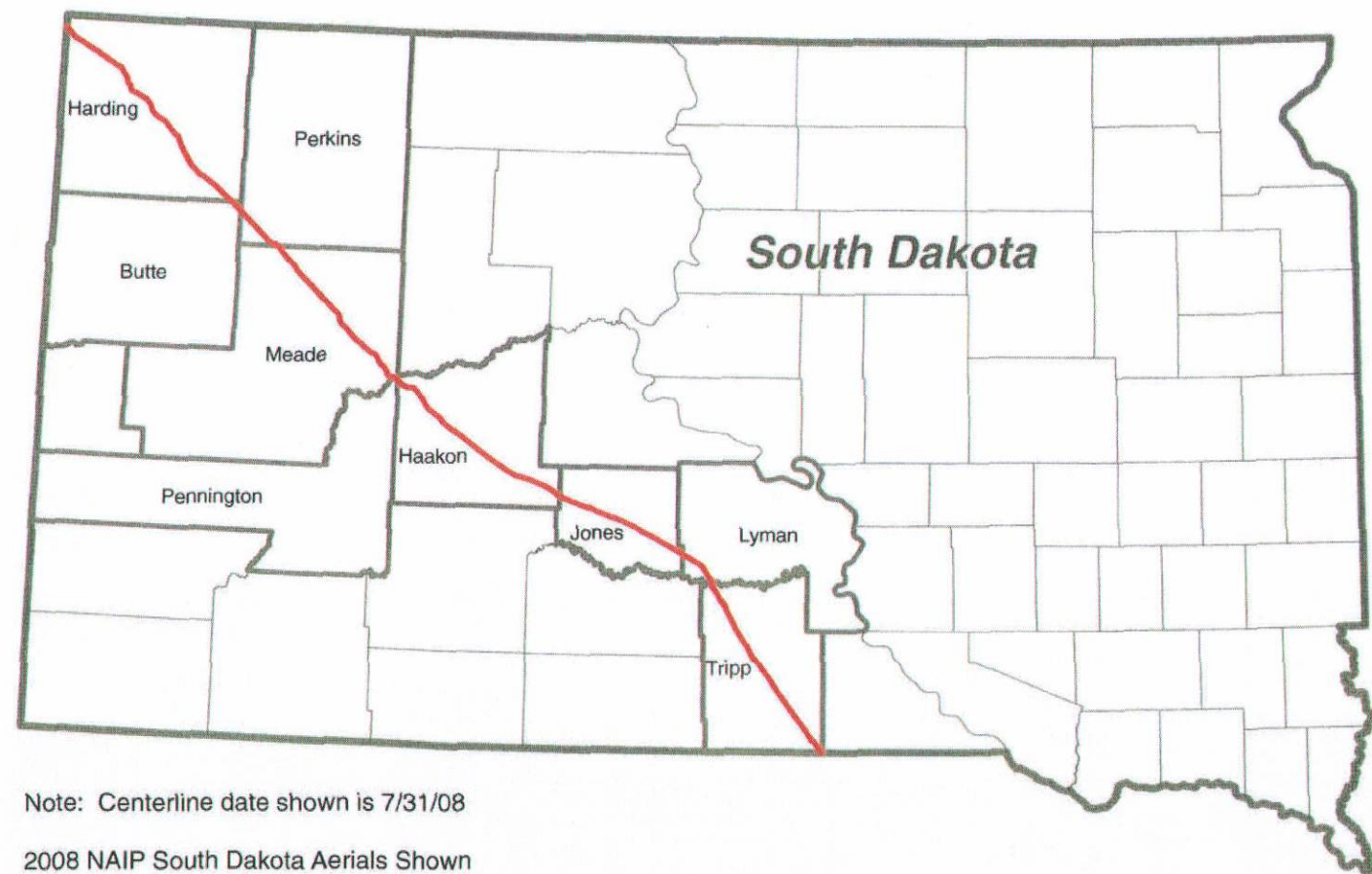




Note: Centerline date shown is 7/31/08

2008 NAIP South Dakota Aerials Shown

KEYSTONE XL PROJECT SOUTH DAKOTA STUDY AREA MAPBOOK 1 LANDUSE/LANDCOVER



PREPARED BY:

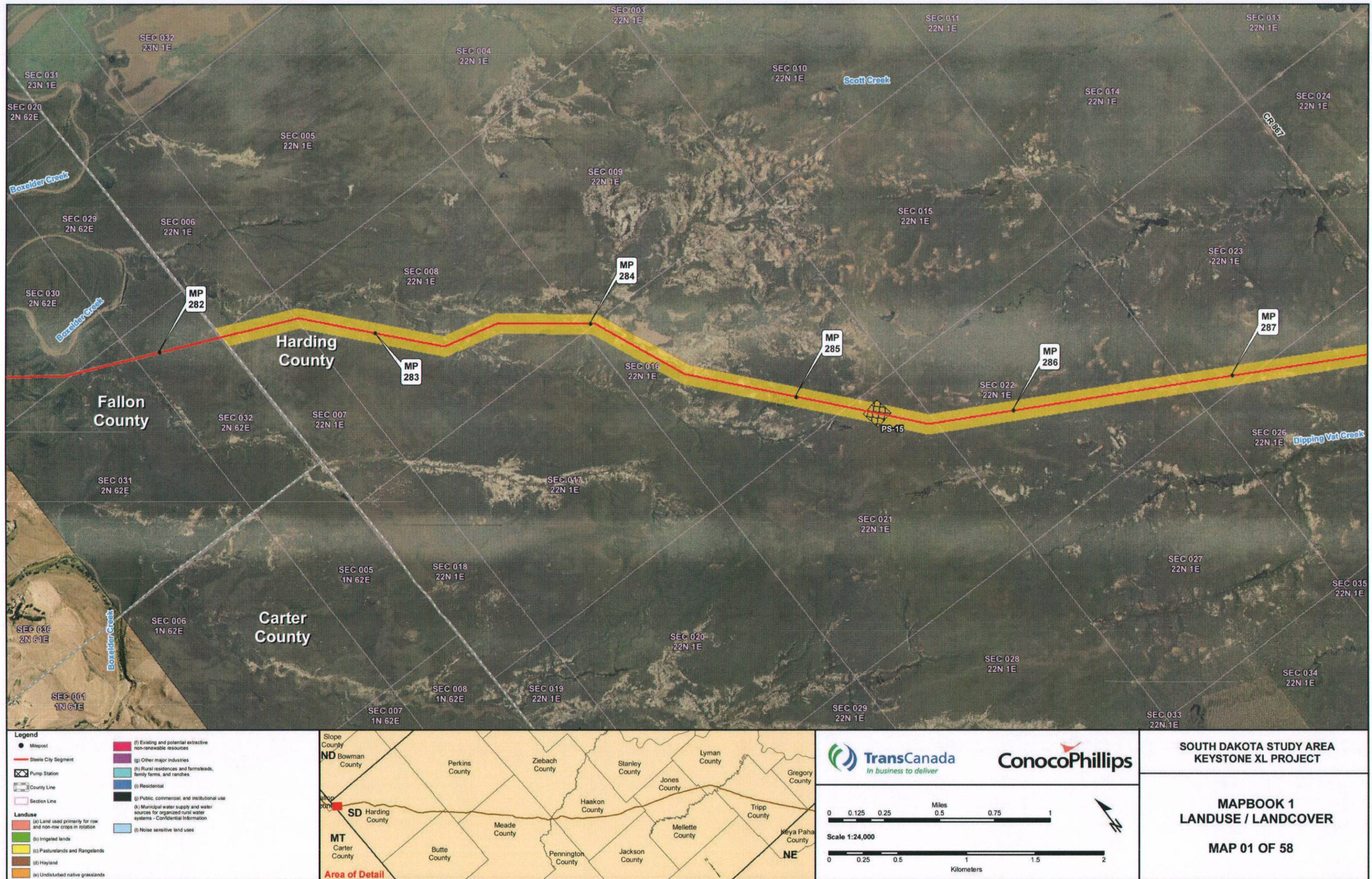


TROW ENGINEERING CONSULTANTS, INC.

JANUARY 27, 2009

REVISION 0





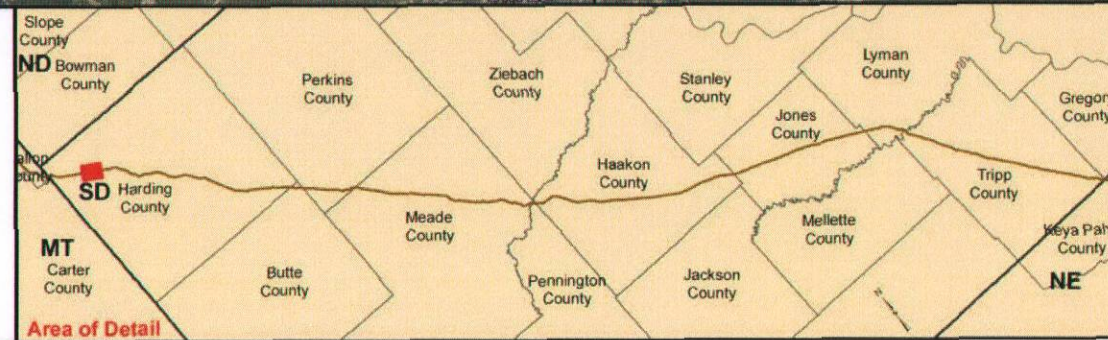


Legend

- Milepost
- Steele City Segment
- ⊠ Pump Station
- County Line
- Section Line

Landuse

- (a) Land used primarily for row and non-row crops in rotation
- (b) Irrigated lands
- (c) Pasturelands and Rangelands
- (d) Hayland
- (e) Undisturbed native grasslands
- (f) Existing and potential extractive non-renewable resources
- (g) Other major industries
- (h) Rural residences and farmsteads, family farms, and ranches
- (i) Residential
- (j) Public, commercial, and institutional use
- (k) Municipal water supply and water sources for organized rural water systems - Confidential Information
- (l) Noise sensitive land uses



TransCanada
In business to deliver

ConocoPhillips

Scale 1:24,000

0 0.125 0.25 0.5 0.75 1 Miles

0 0.25 0.5 1 1.5 2 Kilometers

North arrow pointing up.

**SOUTH DAKOTA STUDY AREA
KEYSTONE XL PROJECT**

**MAPBOOK 1
LANDUSE / LANDCOVER**

MAP 03 OF 58

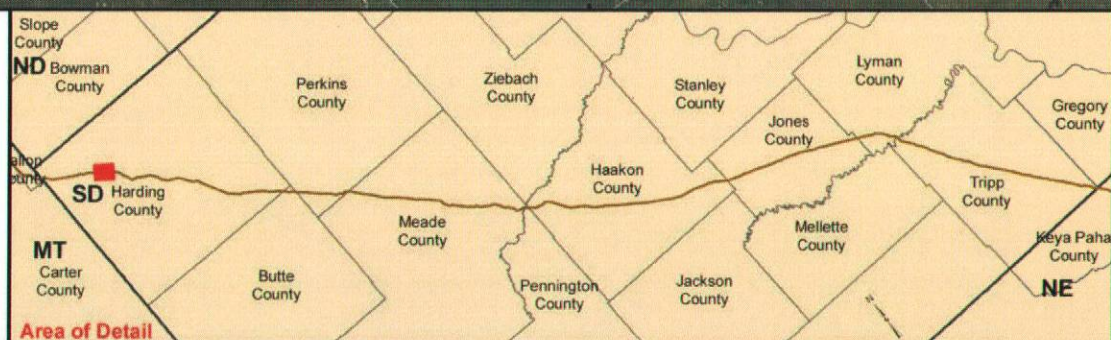


Legend

- Milepost
- Steele City Segment
- Pump Station
- County Line
- Section Line

Landuse

- (a) Land used primarily for row and non-row crops in rotation
- (b) Irrigated lands
- (c) Pasturelands and Rangelands
- (d) Hayland
- (e) Undisturbed native grasslands
- (f) Existing and potential extractive non-renewable resources
- (g) Other major industries
- (h) Rural residences and farmsteads, family farms, and ranches
- (i) Residential
- (j) Public, commercial, and institutional use
- (k) Municipal water supply and water sources for organized rural water systems - Confidential Information
- (l) Noise sensitive land uses



TransCanada
In business to deliver

ConocoPhillips

0 0.125 0.25 0.5 0.75 1 Miles

Scale 1:24,000

0 0.25 0.5 1 1.5 2 Kilometers

North arrow pointing up and slightly right.

**SOUTH DAKOTA STUDY AREA
KEYSTONE XL PROJECT**

**MAPBOOK 1
LANDUSE / LANDCOVER**

MAP 04 OF 58

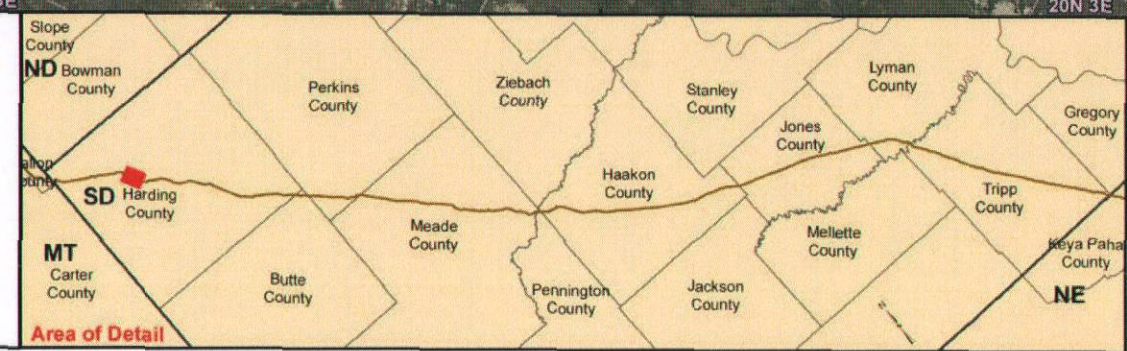


Legend

- Milepost
- Steele City Segment
- ⊠ Pump Station
- County Line
- Section Line

Landuse

- (a) Land used primarily for row and non-row crops in rotation
- (b) Irrigated lands
- (c) Pasturelands and Rangelands
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- (e) Undisturbed native grasslands
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- (l) Noise sensitive land uses



TransCanada
In business to deliver

ConocoPhillips

0 0.125 0.25 0.5 0.75 1 Miles

Scale 1:24,000

0 0.25 0.5 1 1.5 2 Kilometers

**SOUTH DAKOTA STUDY AREA
KEYSTONE XL PROJECT**

**MAPBOOK 1
LANDUSE / LANDCOVER**

MAP 05 OF 58

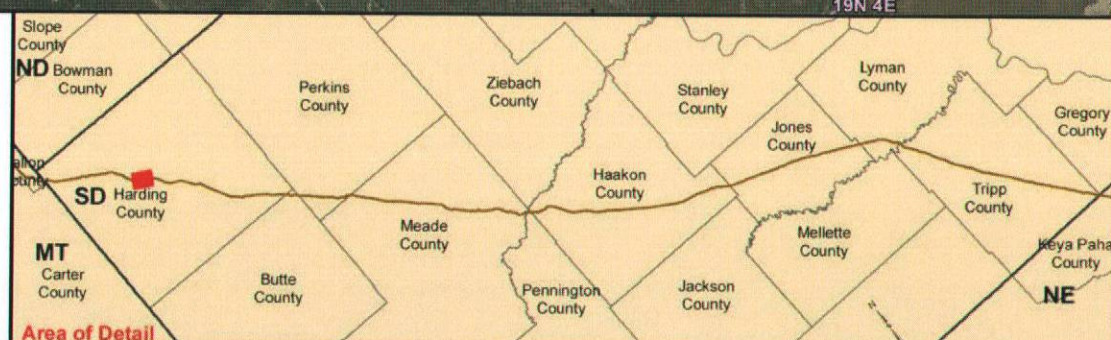


Legend

- Milepost
- Steele City Segment
- Pump Station
- County Line
- Section Line

Landuse

- (a) Land used primarily for row and non-row crops in rotation
- (b) Irrigated lands
- (c) Pasturelands and Rangelands
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- (f) Existing and potential extractive non-renewable resources
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- (k) Municipal water supply and water sources for organized rural water systems - Confidential Information
- (l) Noise sensitive land uses



TransCanada
In business to deliver

ConocoPhillips

Scale 1:24,000

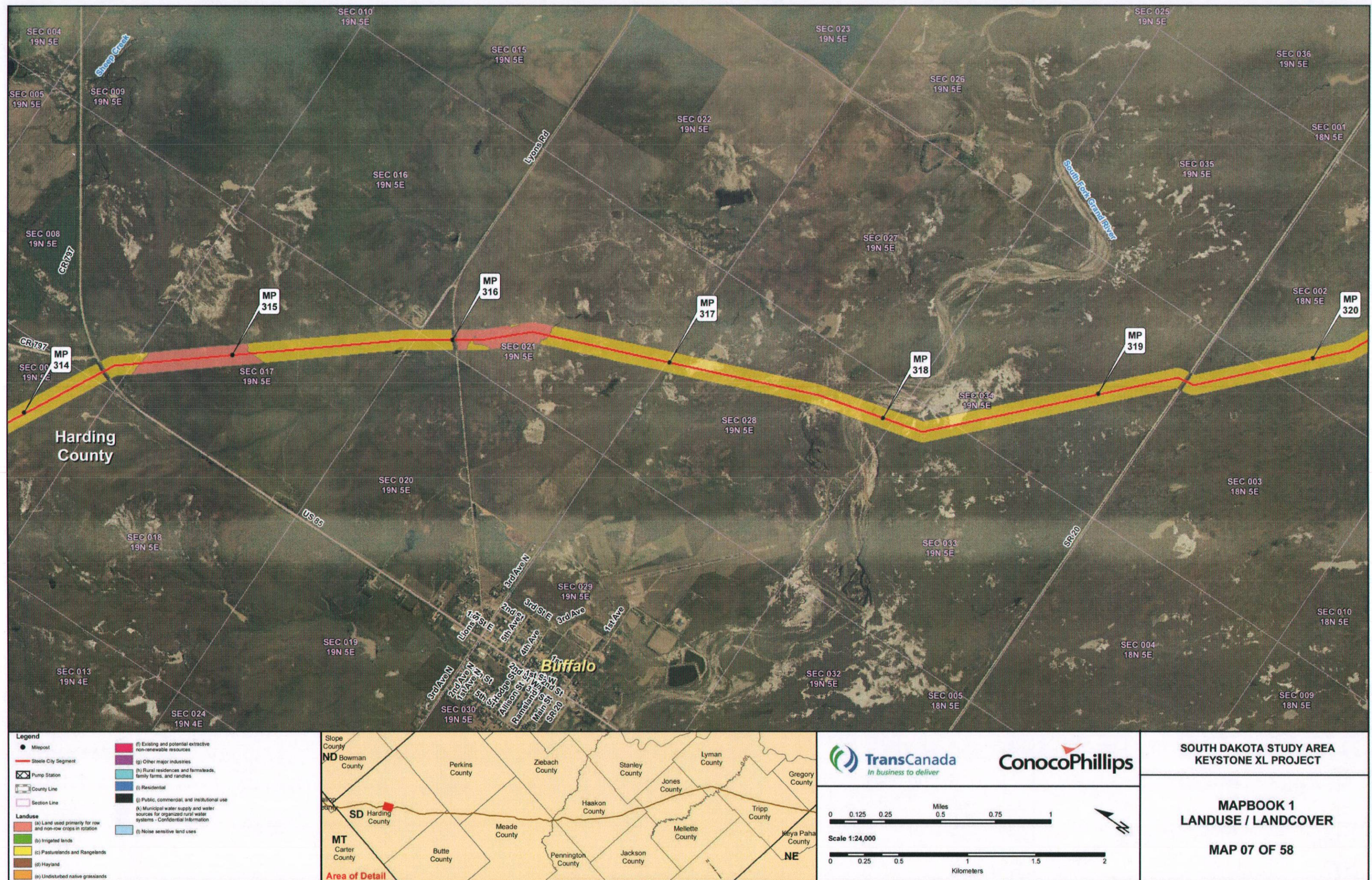
0 0.125 0.25 0.5 0.75 1 Miles

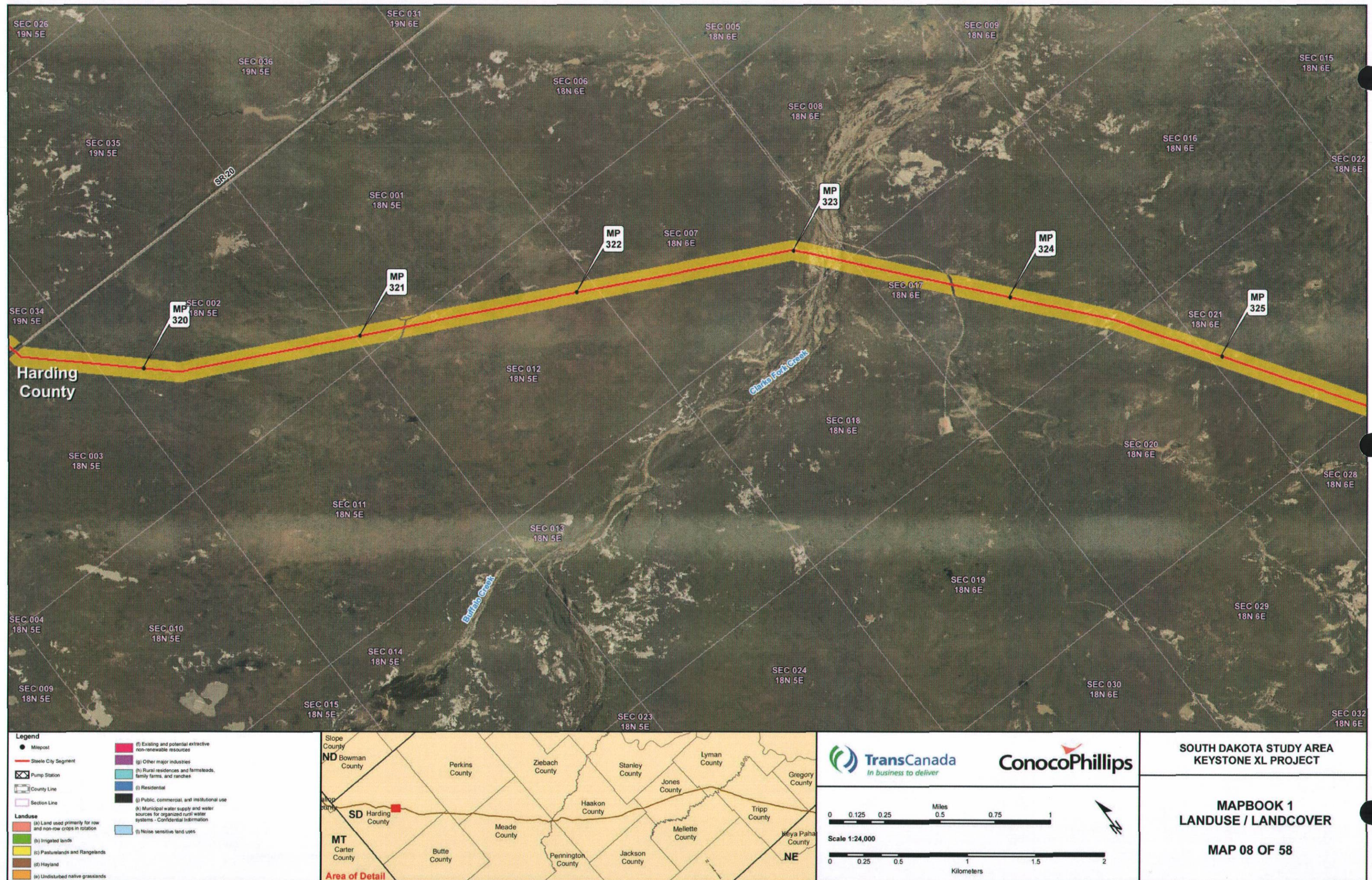
0 0.25 0.5 1 1.5 2 Kilometers

**SOUTH DAKOTA STUDY AREA
KEYSTONE XL PROJECT**

**MAPBOOK 1
LANDUSE / LANDCOVER**

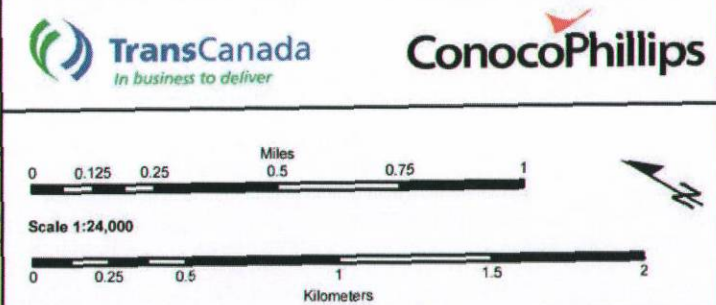
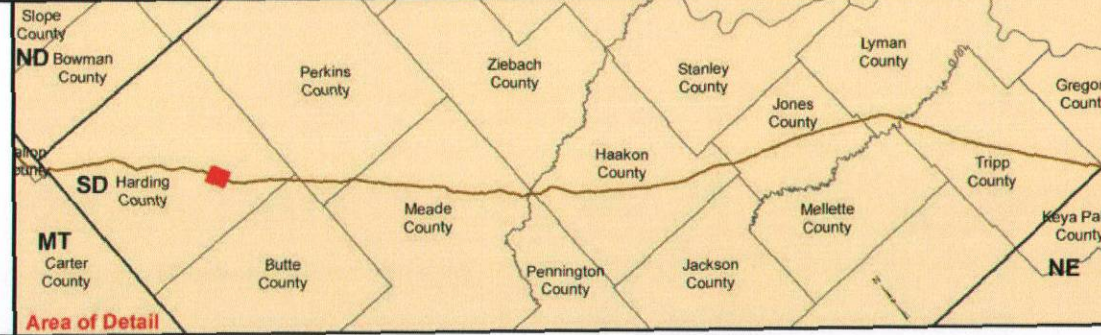
MAP 06 OF 58







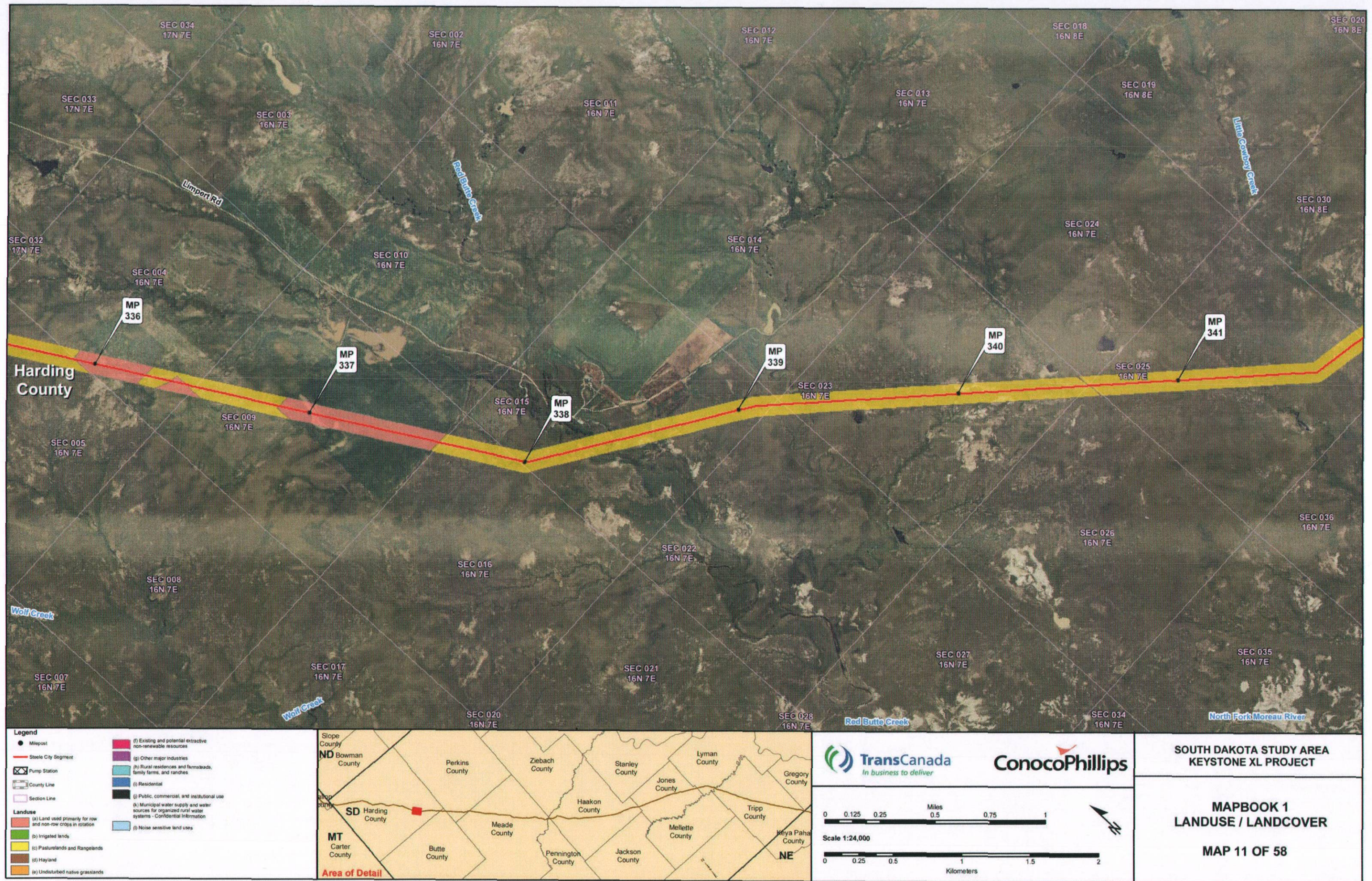
- Legend**
- Milepost
 - Steele City Segment
 - ⊠ Pump Station
 - County Line
 - Section Line
- Landuse**
- (a) Land used primarily for row and non-row crops in rotation
 - (b) Irrigated lands
 - (c) Pasturelands and Rangelands
 - (d) Hayland
 - (e) Undisturbed native grasslands
 - (f) Existing and potential extractive non-renewable resources
 - (g) Other major industries
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 - (i) Residential
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 - (k) Municipal water supply and water sources for organized rural water systems - Confidential information
 - (l) Noise sensitive land uses



SOUTH DAKOTA STUDY AREA
KEYSTONE XL PROJECT

MAPBOOK 1
LANDUSE / LANDCOVER

MAP 10 OF 58



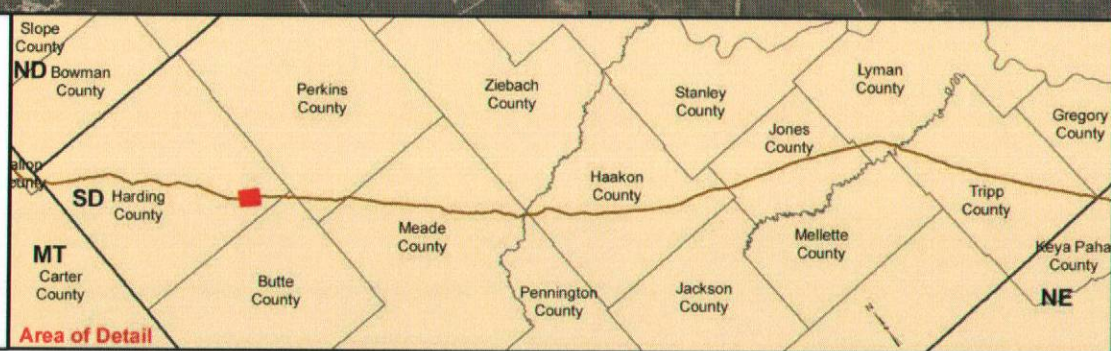


Legend

- Milepost
- Steele City Segment
- Pump Station
- County Line
- Section Line

Landuse

- (a) Land used primarily for row and non-row crops in rotation
- (b) Irrigated lands
- (c) Pasturelands and Rangelands
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- (e) Undisturbed native grasslands
- (f) Existing and potential extractive non-renewable resources
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- (k) Municipal water supply and water sources for organized rural water systems - Confidential Information
- (l) Noise sensitive land uses



TransCanada
In business to deliver

ConocoPhillips

Scale 1:24,000

0 0.125 0.25 0.5 0.75 1 Miles

0 0.25 0.5 1 1.5 2 Kilometers

**SOUTH DAKOTA STUDY AREA
KEYSTONE XL PROJECT**

**MAPBOOK 1
LANDUSE / LANDCOVER**

MAP 12 OF 58

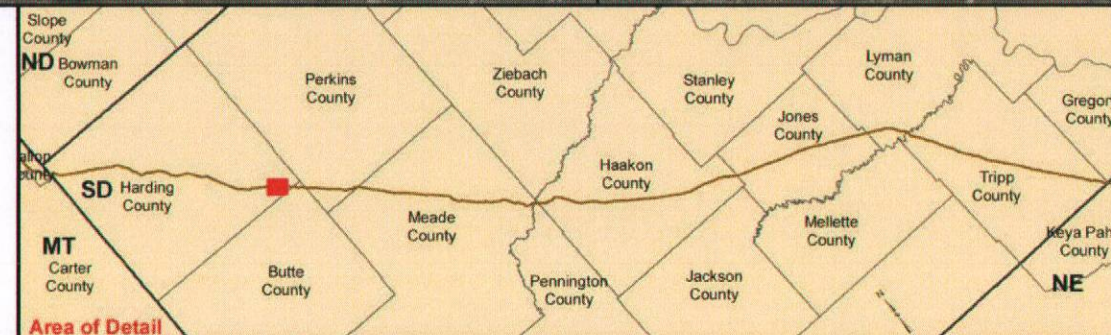


Legend

- Milepost
- Steele City Segment
- Pump Station
- County Line
- Section Line

Landuse

- (a) Land used primarily for row and non-row crops in rotation
- (b) Irrigated lands
- (c) Pasturelands and Rangelands
- (d) Hayland
- (e) Undisturbed native grasslands
- (f) Existing and potential extractive non-renewable resources
- (g) Other major industries
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- (i) Residential
- (j) Public, commercial, and institutional use
- (k) Municipal water supply and water sources for organized rural water systems - Confidential Information
- (l) Noise sensitive land uses



TransCanada
In business to deliver

ConocoPhillips

0 0.125 0.25 0.5 0.75 1 Miles

Scale 1:24,000

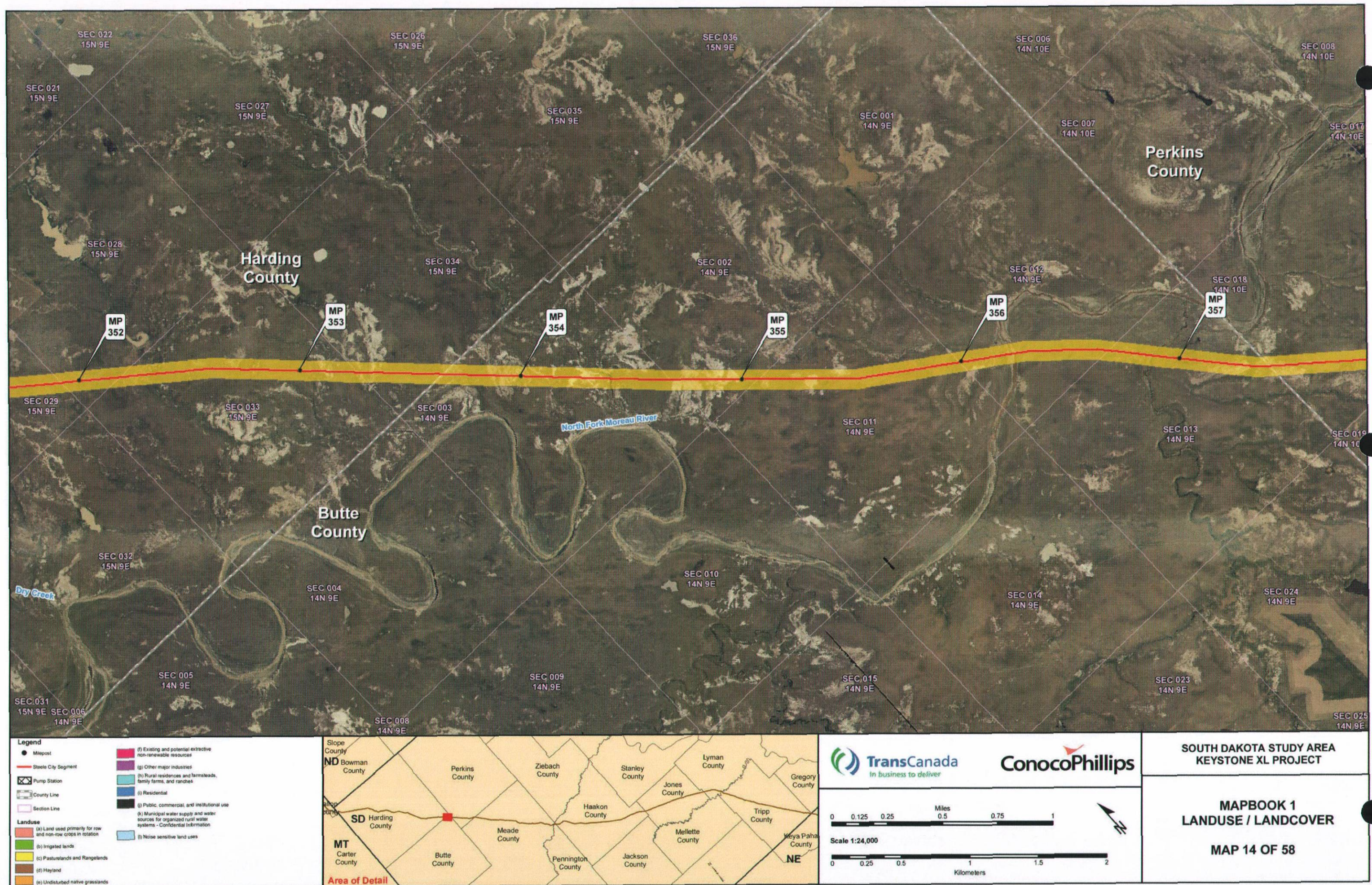
0 0.25 0.5 1 1.5 2 Kilometers

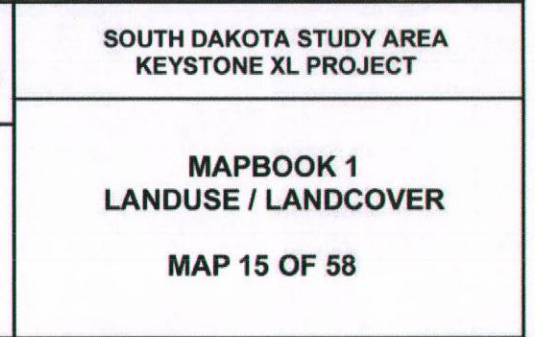
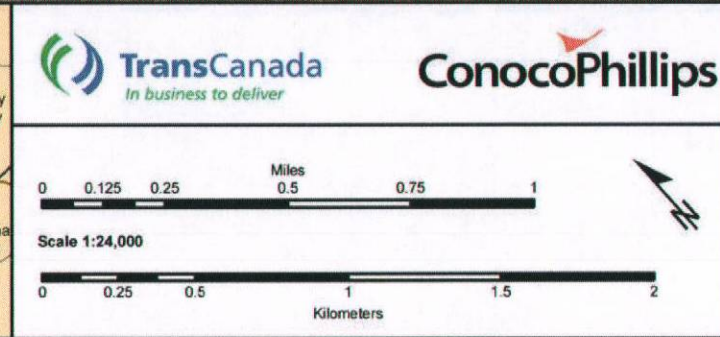
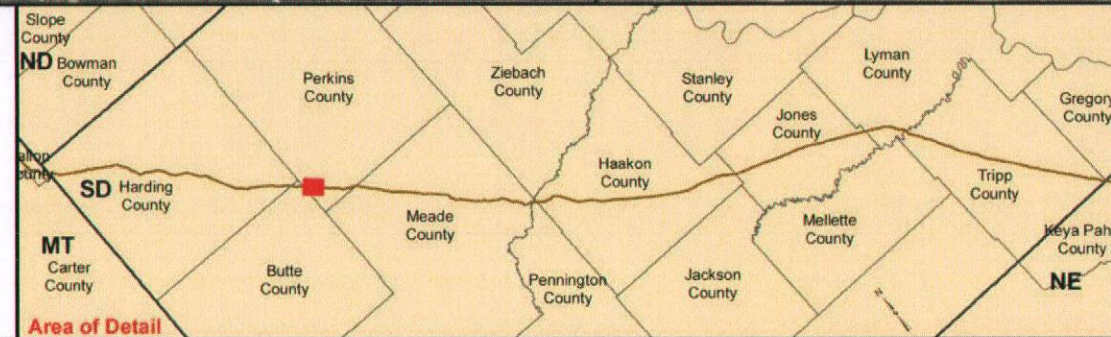
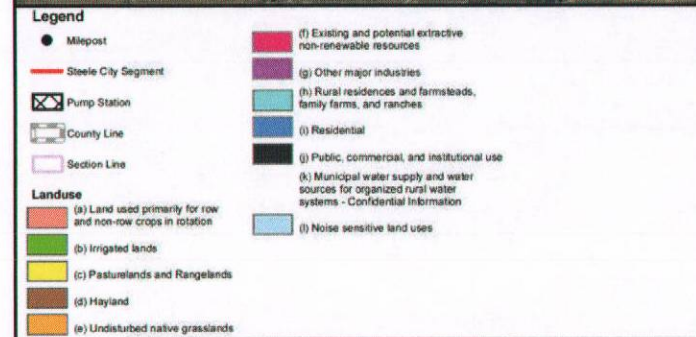
North arrow pointing towards the top right.

**SOUTH DAKOTA STUDY AREA
KEYSTONE XL PROJECT**

**MAPBOOK 1
LANDUSE / LANDCOVER**

MAP 13 OF 58





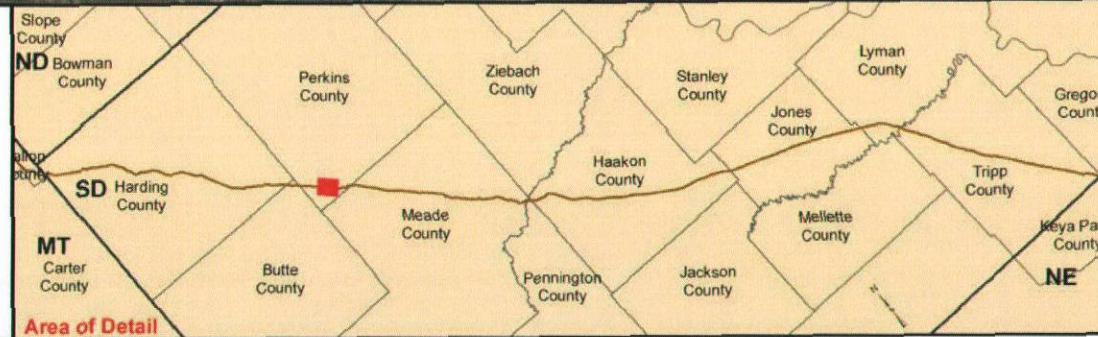


Legend

- Milepost
- Steele City Segment
- Pump Station
- County Line
- Section Line

Landuse

- (a) Land used primarily for row and non-row crops in rotation
- (b) Irrigated lands
- (c) Pasturelands and Rangelands
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- (e) Undisturbed native grasslands
- (f) Existing and potential extractive, non-renewable resources
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- (i) Residential
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- (k) Municipal water supply and water sources for organized rural water systems - Confidential Information
- (l) Noise sensitive land uses



TransCanada
In business to deliver

ConocoPhillips

Scale 1:24,000

0 0.125 0.25 0.5 0.75 1 Miles

0 0.25 0.5 1 1.5 2 Kilometers

**SOUTH DAKOTA STUDY AREA
KEYSTONE XL PROJECT**

**MAPBOOK 1
LANDUSE / LANDCOVER**

MAP 16 OF 58

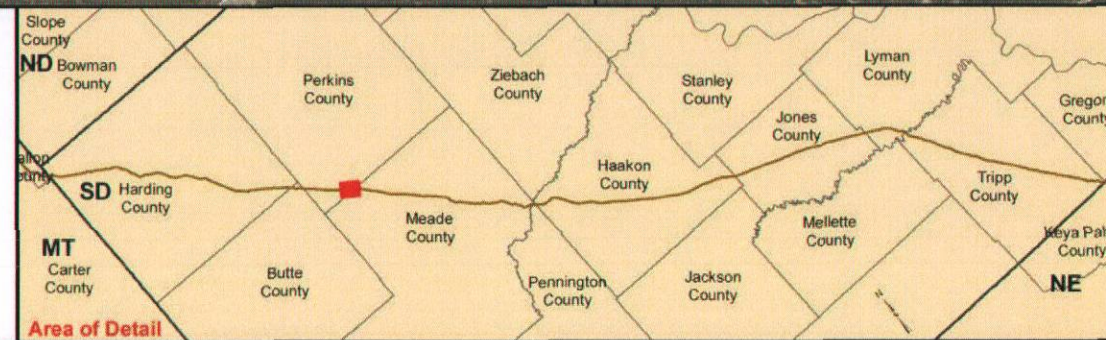


Legend

- Milepost
- Steele City Segment
- Pump Station
- County Line
- Section Line

Landuse

- (a) Land used primarily for row and non-row crops in rotation
- (b) Irrigated lands
- (c) Pasturelands and Rangelands
- (d) Hayland
- (e) Undisturbed native grasslands
- (f) Existing and potential extractive non-renewable resources
- (g) Other major industries
- (h) Rural residences and farmsteads, family farms, and ranches
- (i) Residential
- (j) Public, commercial, and institutional use
- (k) Municipal water supply and water sources for organized rural water systems - Confidential information
- (l) Noise sensitive land uses



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Scale 1:24,000

Miles: 0, 0.125, 0.25, 0.5, 0.75, 1

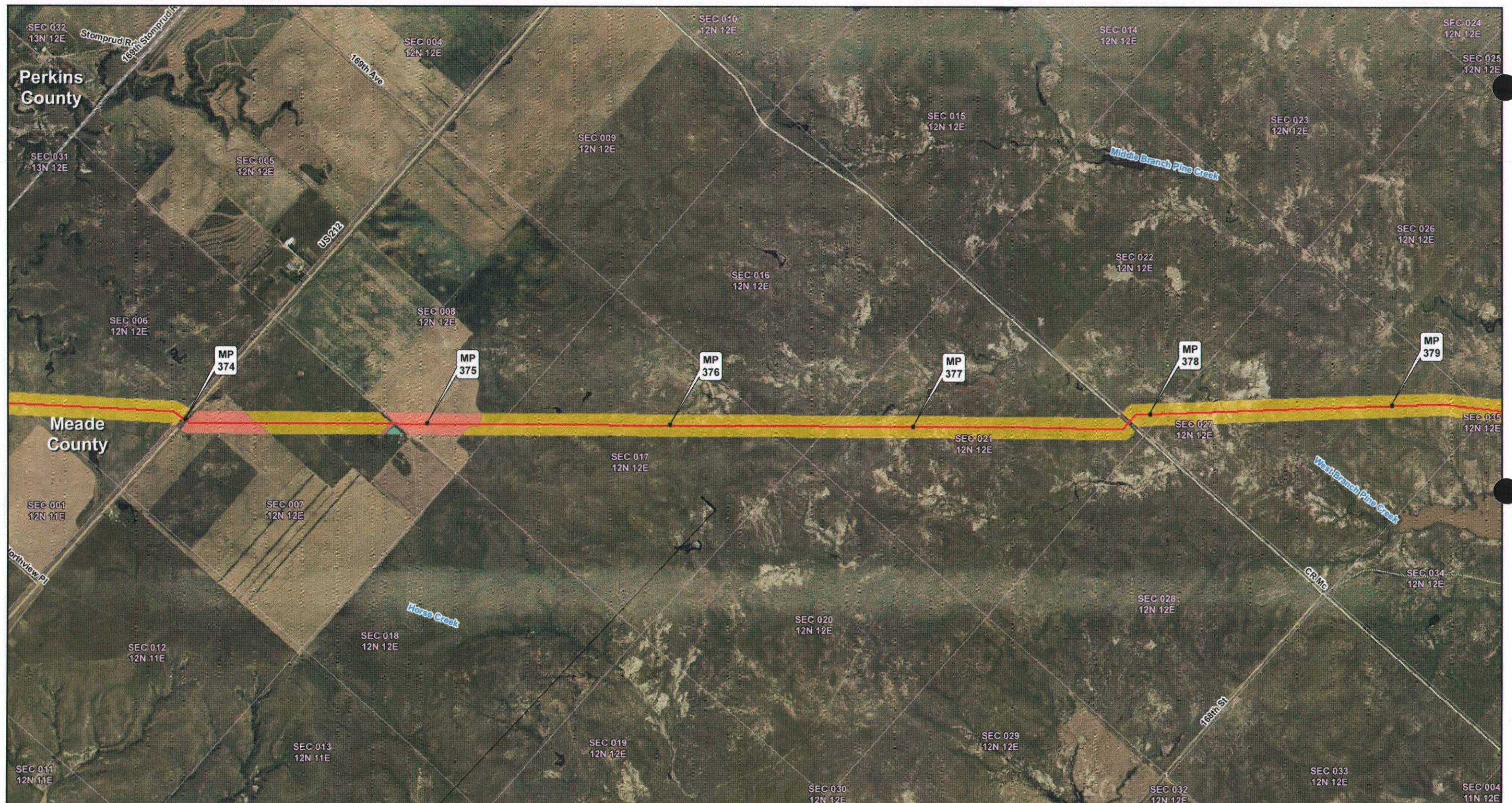
Kilometers: 0, 0.25, 0.5, 1, 1.5, 2

North arrow pointing towards the top right.

**SOUTH DAKOTA STUDY AREA
KEYSTONE XL PROJECT**

**MAPBOOK 1
LANDUSE / LANDCOVER**

MAP 17 OF 58

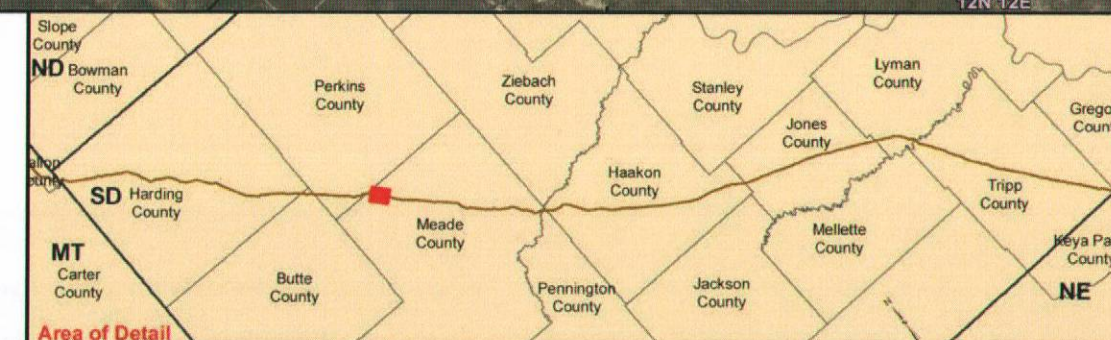


Legend

- Milepost
- Steele City Segment
- ⊗ Pump Station
- County Line
- Section Line

Landuse

- (a) Land used primarily for row and non-row crops in rotation
- (b) Irrigated lands
- (c) Pasturelands and Rangelands
- (d) Hayland
- (e) Undisturbed native grasslands
- (f) Existing and potential extractive non-renewable resources
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- (k) Municipal water supply and water sources for organized rural water systems - Confidential Information
- (l) Noise sensitive land uses



TransCanada
In business to deliver

ConocoPhillips

0 0.125 0.25 0.5 0.75 1 Miles

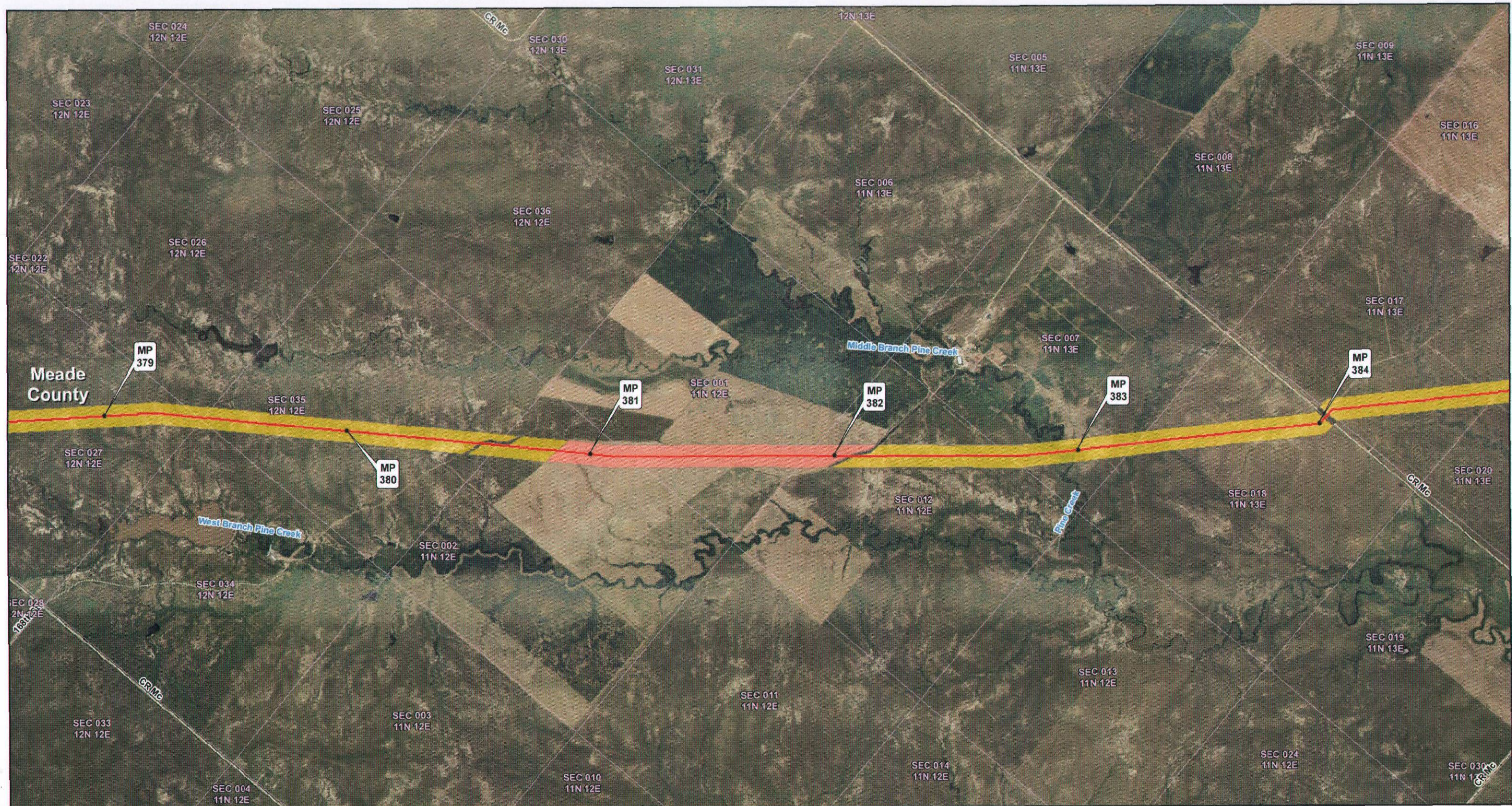
Scale 1:24,000

0 0.25 0.5 1 1.5 2 Kilometers

**SOUTH DAKOTA STUDY AREA
KEYSTONE XL PROJECT**

**MAPBOOK 1
LANDUSE / LANDCOVER**

MAP 18 OF 58

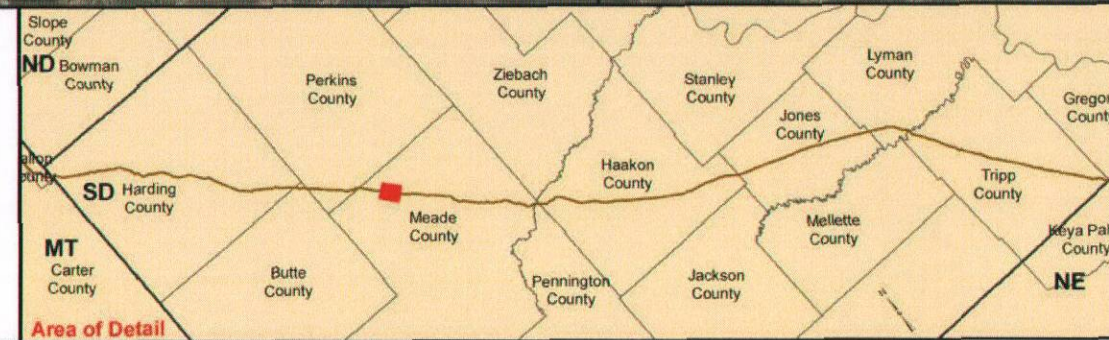


Legend

- Milepost
- Steele City Segment
- Pump Station
- County Line
- Section Line

Landuse

- (a) Land used primarily for row and non-row crops in rotation
- (b) Irrigated lands
- (c) Pasturelands and Rangelands
- (d) Hayland
- (e) Undisturbed native grasslands
- (f) Existing and potential extractive non-renewable resources
- (g) Other major industries
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- (i) Residential
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- (l) Noise sensitive land uses



TransCanada
In business to deliver

ConocoPhillips

0 0.125 0.25 0.5 0.75 1 Miles

Scale 1:24,000

0 0.25 0.5 1 1.5 2 Kilometers

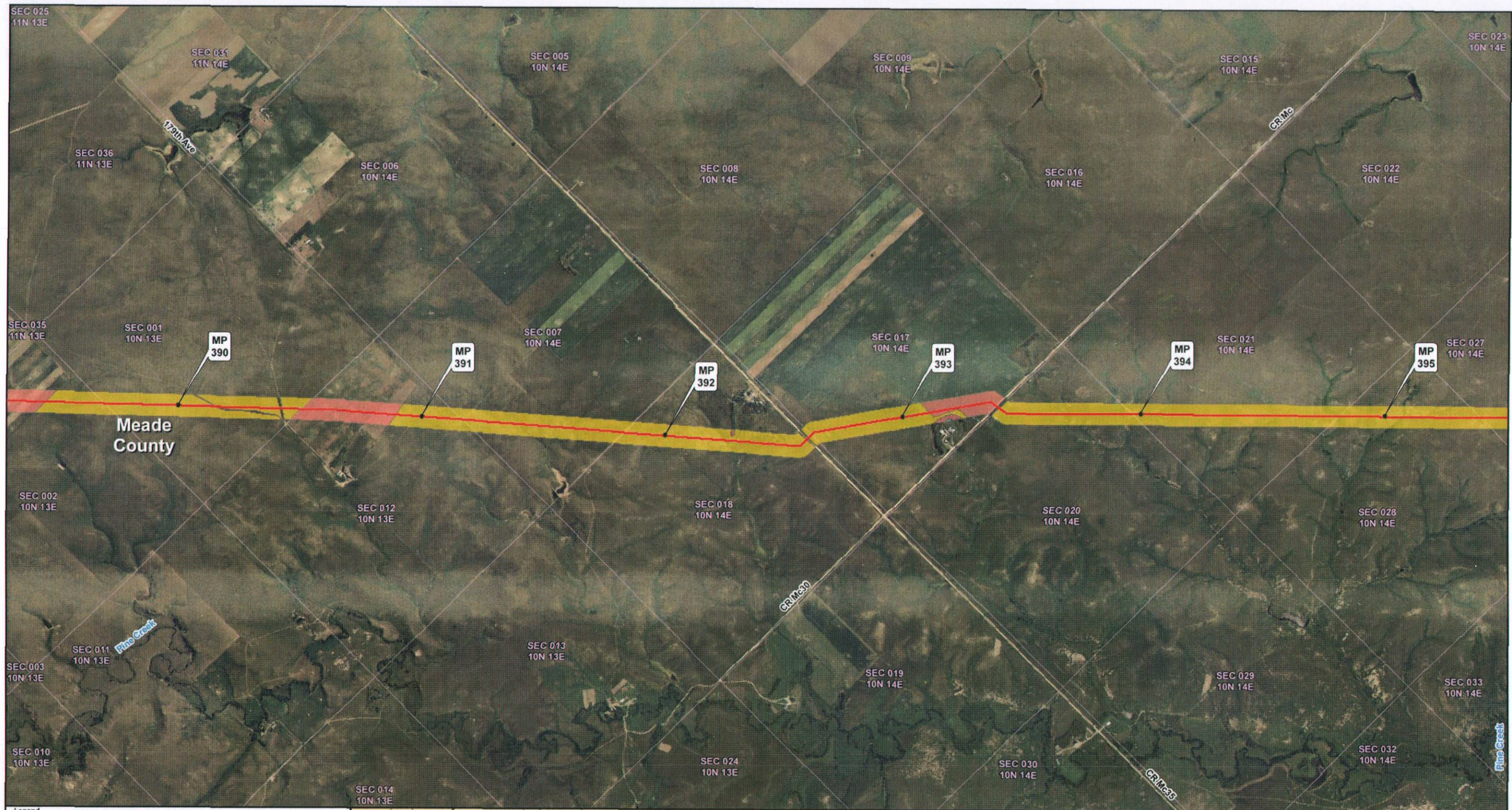
**SOUTH DAKOTA STUDY AREA
KEYSTONE XL PROJECT**

**MAPBOOK 1
LANDUSE / LANDCOVER**

MAP 19 OF 58



Legend - Milepost - Steele City Segment - Pump Station - County Line - Section Line Landuse (a) Land used primarily for row and non-row crops in rotation (b) Irrigated lands (c) Pasturelands and Rangelands (d) Hayland (e) Undisturbed native grasslands (f) Existing and potential extractive non-renewable resources (g) Other major industries (h) Rural residences and farmsteads, family farms, and ranches (i) Residential (j) Public, commercial, and institutional use (k) Municipal water supply and water sources for organized rural water systems - Confidential Information (l) Noise sensitive land uses	Area of Detail	TransCanada In business to deliver ConocoPhillips Scale 1:24,000 Miles: 0, 0.125, 0.25, 0.5, 0.75, 1 Kilometers: 0, 0.25, 0.5, 1, 1.5, 2	SOUTH DAKOTA STUDY AREA KEYSTONE XL PROJECT MAPBOOK 1 LANDUSE / LANDCOVER MAP 20 OF 58
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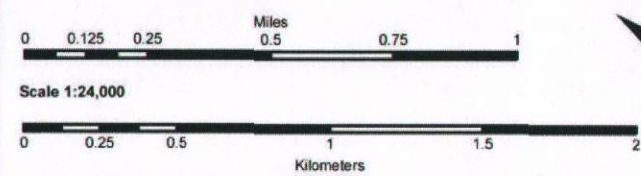


- Legend**
- Milepost
 - Steele City Segment
 - ⊠ Pump Station
 - County Line
 - Section Line
- Landuse**
- (a) Land used primarily for row and non-row crops in rotation
 - (b) Irrigated lands
 - (c) Pasturelands and Rangelands
 - (d) Hayland
 - (e) Undisturbed native grasslands
 - (f) Existing and potential extractive non-renewable resources
 - (g) Other major industries
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 - (l) Noise sensitive land uses



TransCanada
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**SOUTH DAKOTA STUDY AREA
KEYSTONE XL PROJECT**

**MAPBOOK 1
LANDUSE / LANDCOVER**

MAP 21 OF 58

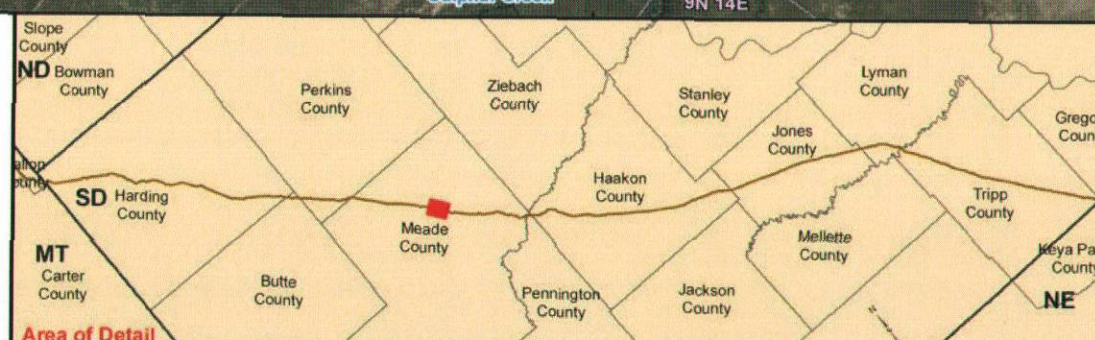


Legend

- Milepost
- Steele City Segment
- Pump Station
- County Line
- Section Line

Landuse

- (a) Land used primarily for row and non-row crops in rotation
- (b) Irrigated lands
- (c) Pasturelands and Rangelands
- (d) Hayland
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TransCanada
In business to deliver

ConocoPhillips

0 0.125 0.25 0.5 0.75 1 Miles

0 0.25 0.5 1 1.5 2 Kilometers

Scale 1:24,000

**SOUTH DAKOTA STUDY AREA
KEYSTONE XL PROJECT**

**MAPBOOK 1
LANDUSE / LANDCOVER**

MAP 22 OF 58

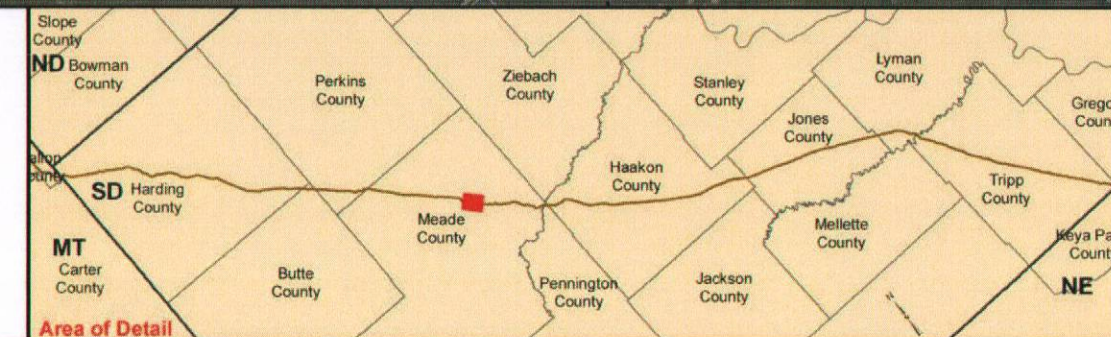


Legend

- Milepost
- Steele City Segment
- Pump Station
- County Line
- Section Line

Landuse

- (a) Land used primarily for row and non-row crops in rotation
- (b) Irrigated lands
- (c) Pasturelands and Rangelands
- (d) Hayland
- (e) Undisturbed native grasslands
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- (i) Residential
- (j) Public, commercial, and institutional use
- (k) Municipal water supply and water sources for organized rural water systems - Confidential Information
- (l) Noise sensitive land uses



0 0.125 0.25 0.5 0.75 1

Miles

Scale 1:24,000

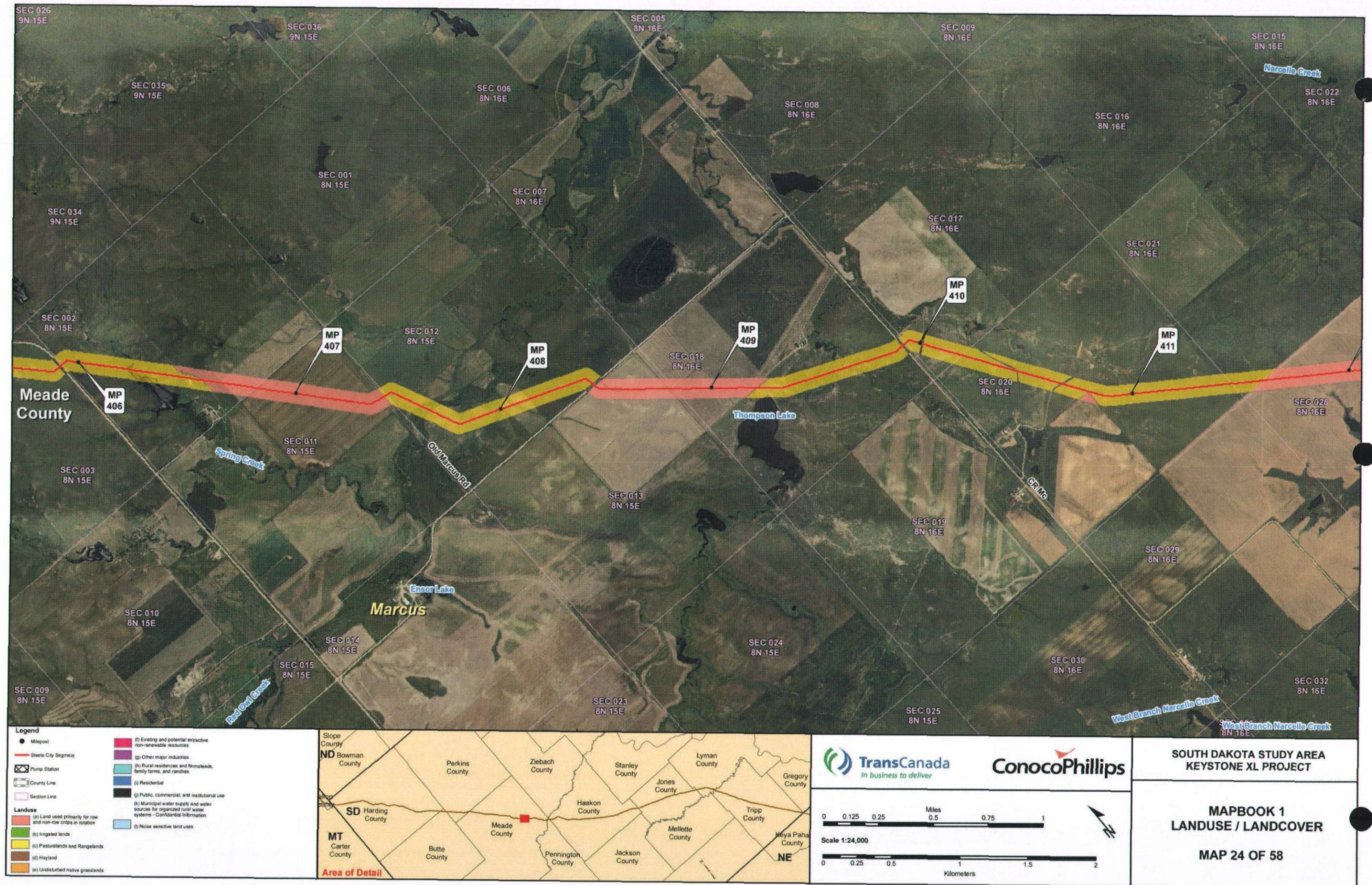
0 0.25 0.5 1 1.5 2

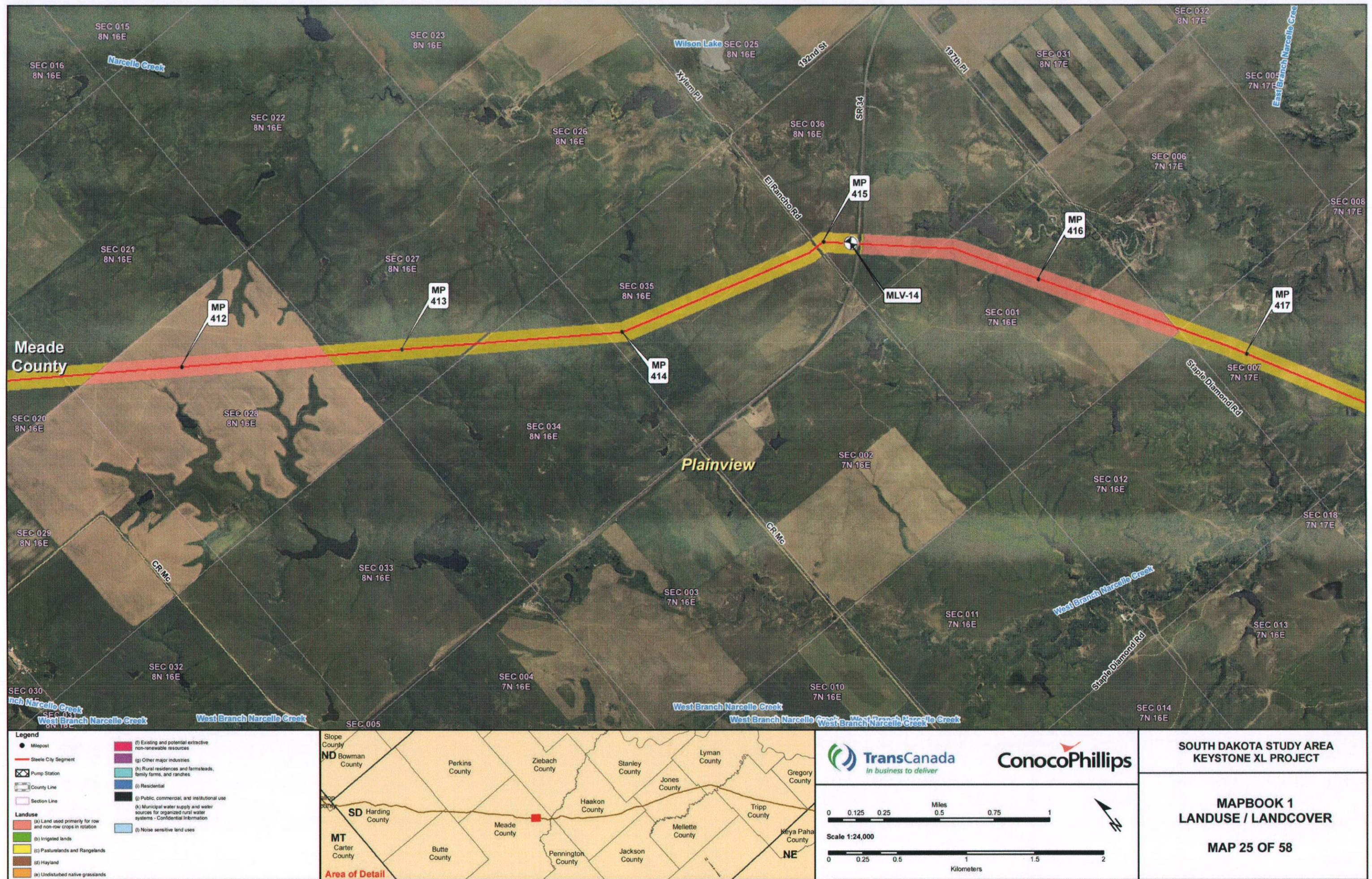
Kilometers

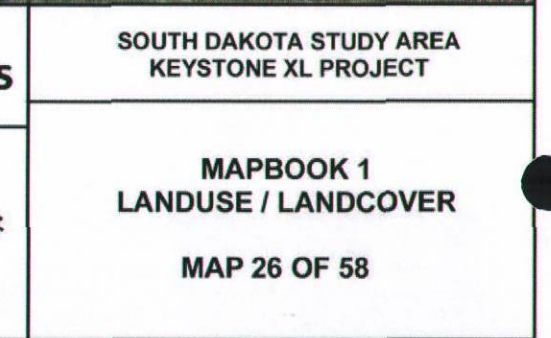
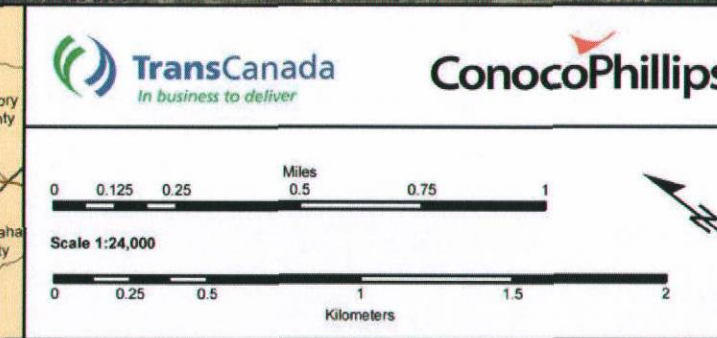
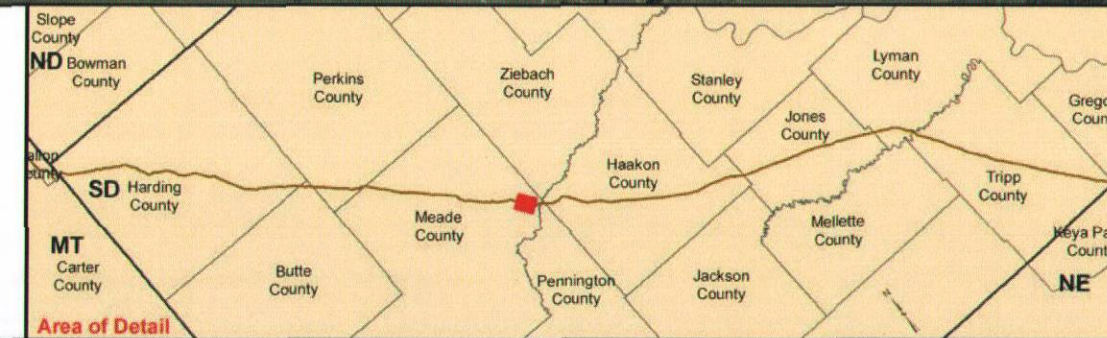
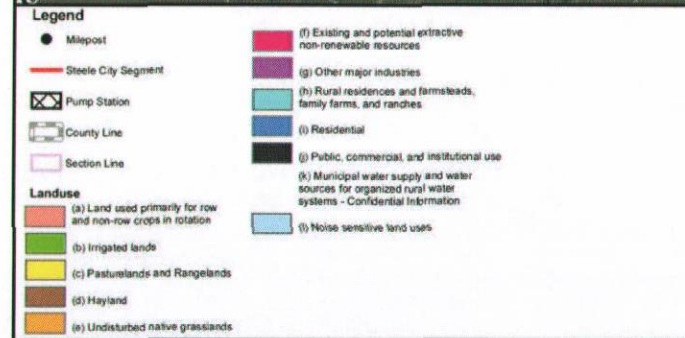
**SOUTH DAKOTA STUDY AREA
KEYSTONE XL PROJECT**

**MAPBOOK 1
LANDUSE / LANDCOVER**

MAP 23 OF 58









Legend

- Milepost
- Steele City Segment
- Pump Station
- County Line
- Section Line
- Landuse**
 - (a) Land used primarily for row and non-row crops in rotation
 - (b) Irrigated lands
 - (c) Pasturelands and Rangelands
 - (d) Hayland
 - (e) Undisturbed native grasslands
 - (f) Existing and potential extractive non-renewable resources
 - (g) Other major industries
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 - (i) Residential
 - (j) Public, commercial, and institutional use
 - (k) Municipal water supply and water sources for organized rural water systems - Confidential Information
 - (l) Noise sensitive land uses

Area of Detail

TransCanada
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ConocoPhillips

Scale 1:24,000

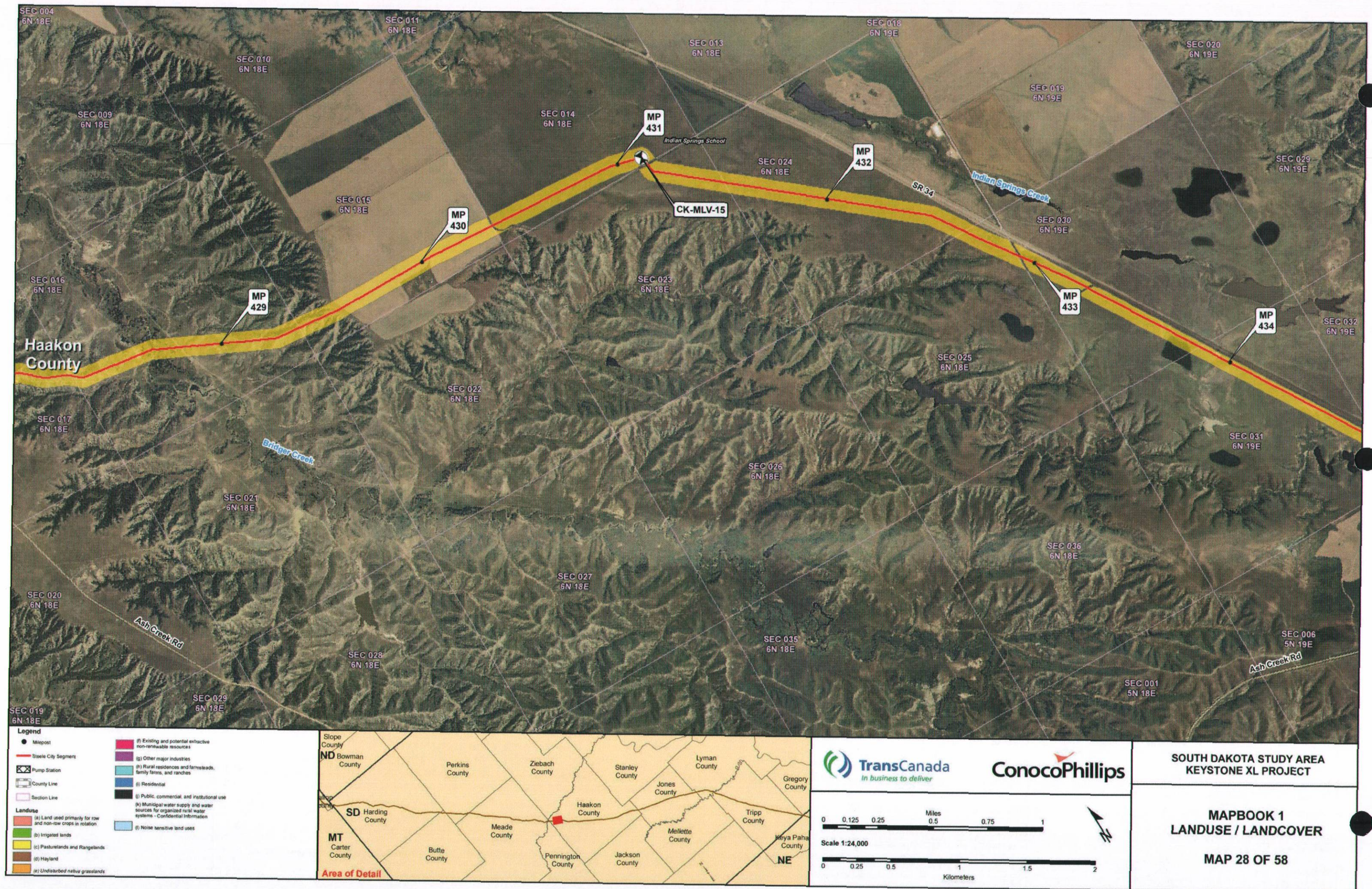
0 0.125 0.25 0.5 0.75 1 Miles

0 0.25 0.5 1 1.5 2 Kilometers

**SOUTH DAKOTA STUDY AREA
KEYSTONE XL PROJECT**

**MAPBOOK 1
LANDUSE / LANDCOVER**

MAP 27 OF 58





Legend

- Milepost
- Steele City Segment
- Pump Station
- County Line
- Section Line
- Landuse**
 - (a) Land used primarily for row and non-row crops in rotation
 - (b) Irrigated lands
 - (c) Pasturelands and Rangelands
 - (d) Hayland
 - (e) Undisturbed native grasslands
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 - (i) Residential
 - (j) Public, commercial, and institutional use
 - (k) Municipal water supply and water sources for organized rural water systems - Confidential Information
 - (l) Noise sensitive land uses

Area of Detail

ND Bowman County, Perkins County, Ziebach County, Stanley County, Lyman County, Gregory County, SD Harding County, Meade County, Haakon County, Jones County, Tripp County, MT Carter County, Butte County, Pennington County, Jackson County, Mellette County, Keya Paha County, NE

TransCanada
In business to deliver

ConocoPhillips

0 0.125 0.25 0.5 0.75 1 Miles

Scale 1:24,000

0 0.25 0.5 1 1.5 2 Kilometers

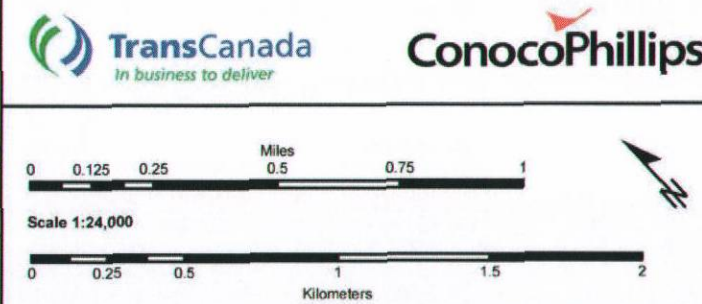
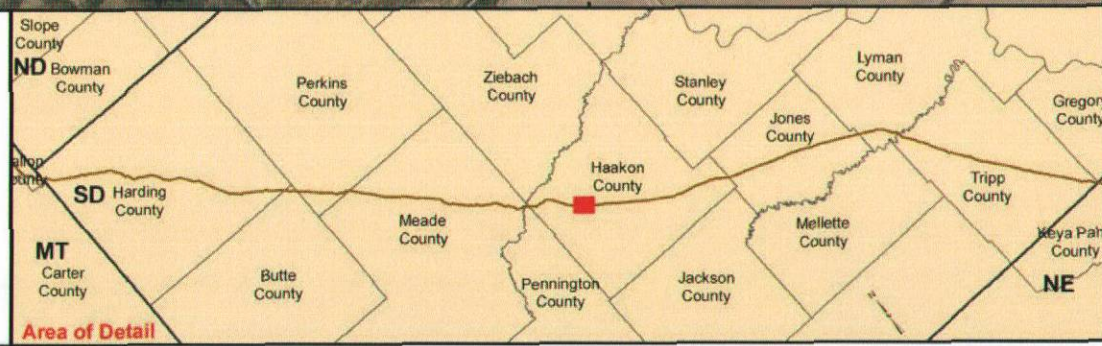
**SOUTH DAKOTA STUDY AREA
KEYSTONE XL PROJECT**

**MAPBOOK 1
LANDUSE / LANDCOVER**

MAP 29 OF 58



- Legend**
- Milepost
 - Steele City Segment
 - ⊠ Pump Station
 - County Line
 - Section Line
 - Landuse**
 - (a) Land used primarily for row and non-row crops in rotation
 - (b) Irrigated lands
 - (c) Pasturelands and Rangelands
 - (d) Hayland
 - (e) Undisturbed native grasslands
 - (f) Existing and potential extractive non-renewable resources
 - (g) Other major industries
 - (h) Rural residences and farmsteads, family farms, and ranches
 - (i) Residential
 - (j) Public, commercial, and institutional use
 - (k) Municipal water supply and water sources for organized rural water systems - Confidential Information
 - (l) Noise sensitive land uses



**SOUTH DAKOTA STUDY AREA
KEYSTONE XL PROJECT**

**MAPBOOK 1
LANDUSE / LANDCOVER**

MAP 30 OF 58

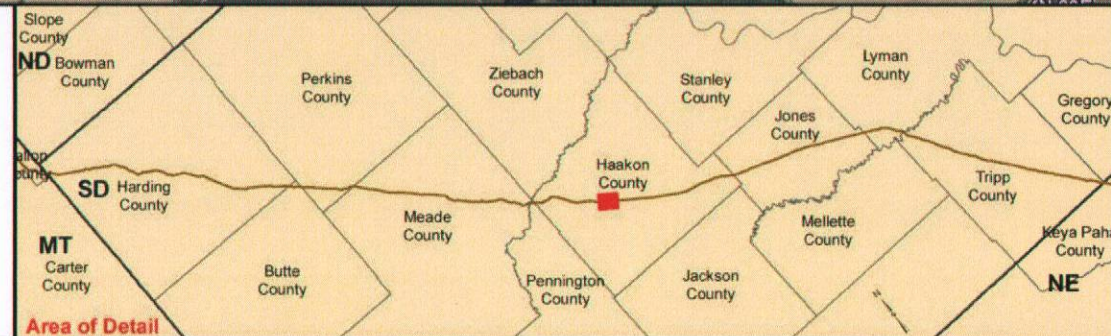


Legend

- Milepost
- Steele City Segment
- Pump Station
- County Line
- Section Line

Landuse

- (a) Land used primarily for row and non-row crops in rotation
- (b) Irrigated lands
- (c) Pasturelands and Rangelands
- (d) Hayland
- (e) Undisturbed native grasslands
- (f) Existing and potential extractive non-renewable resources
- (g) Other major industries
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- (i) Residential
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- (l) Noise sensitive land uses



TransCanada
In business to deliver

ConocoPhillips

Scale 1:24,000

0 0.125 0.25 0.5 0.75 1 Miles

0 0.25 0.5 1 1.5 2 Kilometers

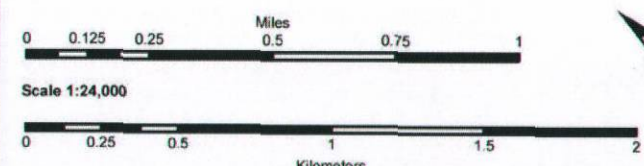
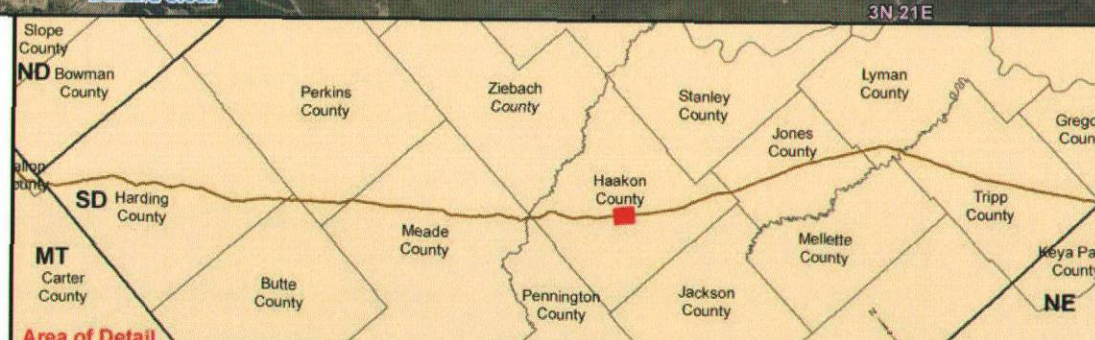
**SOUTH DAKOTA STUDY AREA
KEYSTONE XL PROJECT**

**MAPBOOK 1
LANDUSE / LANDCOVER**

MAP 31 OF 58



- Legend**
- Milepost
 - Steele City Segment
 - ⊗ Pump Station
 - County Line
 - Section Line
- Landuse**
- (a) Land used primarily for row and non-row crops in rotation
 - (b) Irrigated lands
 - (c) Pasturelands and Rangelands
 - (d) Hayland
 - (e) Undisturbed native grasslands
 - (f) Existing and potential extractive non-renewable resources
 - (g) Other major industries
 - (h) Rural residences and farmsteads, family farms, and ranches
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 - (k) Municipal water supply and water sources for organized rural water systems - Confidential Information
 - (l) Noise sensitive land uses



**SOUTH DAKOTA STUDY AREA
KEYSTONE XL PROJECT**

**MAPBOOK 1
LANDUSE / LANDCOVER**

MAP 32 OF 58

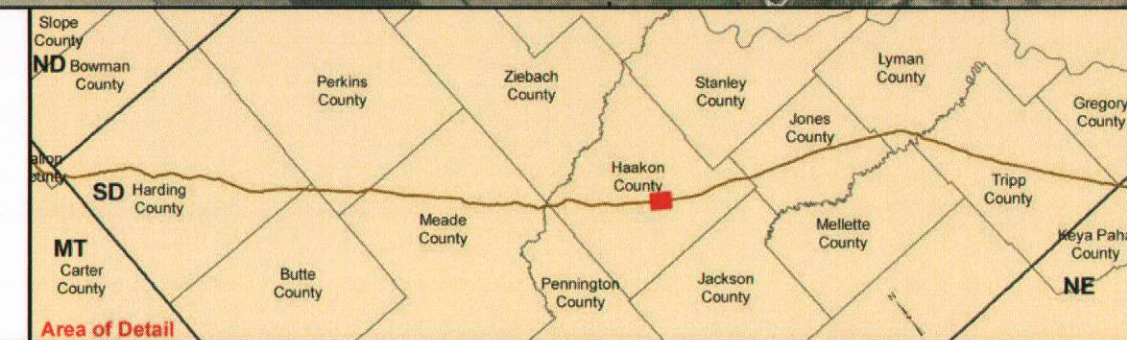


Legend

- Milepost
- Steele City Segment
- Pump Station
- County Line
- Section Line

Landuse

- (a) Land used primarily for row and non-row crops in rotation
- (b) Irrigated lands
- (c) Pasturelands and Rangelands
- (d) Hayland
- (e) Undisturbed native grasslands
- (f) Existing and potential extractive non-renewable resources
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- (i) Residential
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- (k) Municipal water supply and water sources for organized rural water systems - Confidential Information
- (l) Noise sensitive land uses



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Scale 1:24,000

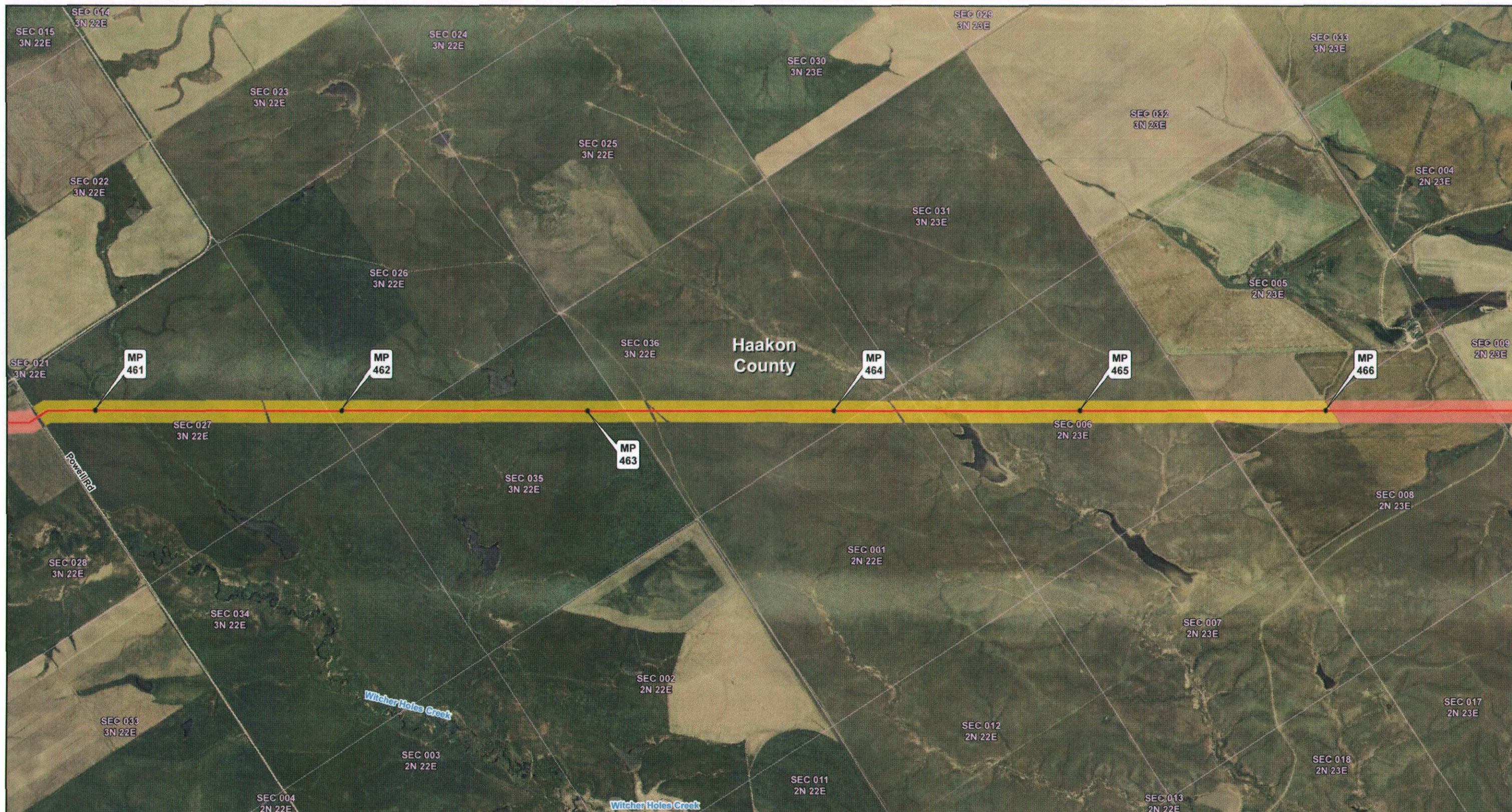
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0 0.25 0.5 1 1.5 2 Kilometers

**SOUTH DAKOTA STUDY AREA
KEYSTONE XL PROJECT**

**MAPBOOK 1
LANDUSE / LANDCOVER**

MAP 33 OF 58

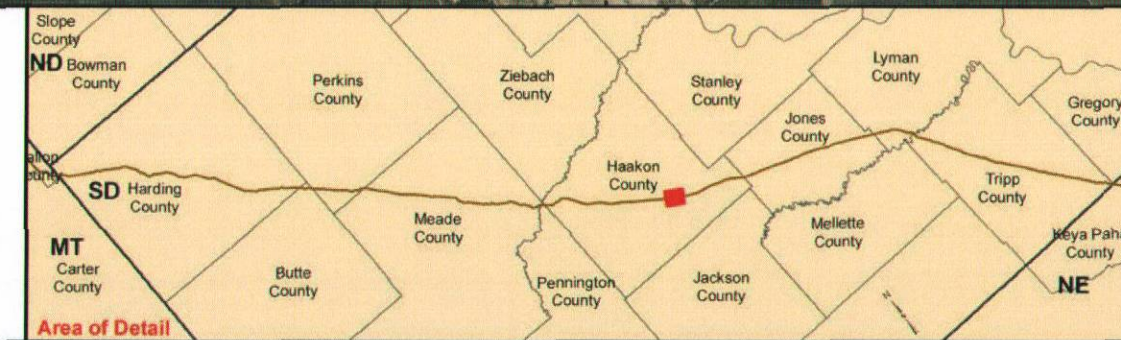


Legend

- Milepost
- Steele City Segment
- Pump Station
- County Line
- Section Line

Landuse

- (a) Land used primarily for row and non-row crops in rotation
- (b) Irrigated lands
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- (k) Municipal water supply and water sources for organized rural water systems - Confidential information
- (l) Noise sensitive land uses



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Scale 1:24,000

0 0.125 0.25 0.5 0.75 1 Miles

0 0.25 0.5 1 1.5 2 Kilometers

**SOUTH DAKOTA STUDY AREA
KEYSTONE XL PROJECT**

**MAPBOOK 1
LANDUSE / LANDCOVER**

MAP 34 OF 58



Legend

- Milepost
- Steele City Segment
- Pump Station
- County Line
- Section Line

Landuse

- (a) Land used primarily for row and non-row crops in rotation
- (b) Irrigated lands
- (c) Pasturelands and Rangelands
- (d) Hayland
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- (l) Noise sensitive land uses



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Scale 1:24,000

0 0.125 0.25 0.5 0.75 1 Miles

0 0.25 0.5 1 1.5 2 Kilometers

**SOUTH DAKOTA STUDY AREA
KEYSTONE XL PROJECT**

**MAPBOOK 1
LANDUSE / LANDCOVER**

MAP 35 OF 58



Legend

- Milepost
- State City Segment
- ⊠ Pump Station
- County Line
- Section Line

Landuse

- (a) Land used primarily for row and non-row crops in rotation
- (b) Irrigated lands
- (c) Pasturelands and Rangelands
- (d) Hayland
- (e) Undisturbed native grasslands
- (f) Existing and potential extractive non-renewable resources
- (g) Other major industries
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- (i) Residential
- (j) Public, commercial, and institutional use
- (k) Municipal water supply and water sources for organized rural water systems - Confidential Information
- (l) Noise sensitive land uses



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0 0.125 0.25 0.5 0.75 1 Miles

Scale 1:24,000

0 0.25 0.5 1 1.5 2 Kilometers

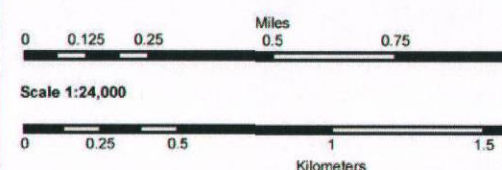
**SOUTH DAKOTA STUDY AREA
KEYSTONE XL PROJECT**

**MAPBOOK 1
LANDUSE / LANDCOVER**

MAP 36 OF 58



- Legend**
- Milepost
 - Steele City Segment
 - ⊠ Pump Station
 - County Line
 - Section Line
- Landuse**
- (a) Land used primarily for row and non-row crops in rotation
 - (b) Irrigated lands
 - (c) Pasturelands and Rangelands
 - (d) Hayland
 - (e) Undisturbed native grasslands
 - (f) Existing and potential extractive non-renewable resources
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 - (i) Residential
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 - (k) Municipal water supply and water sources for organized rural water systems - Confidential Information
 - (l) Noise sensitive land uses



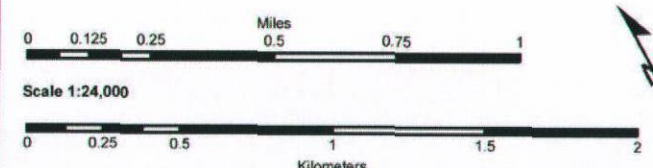
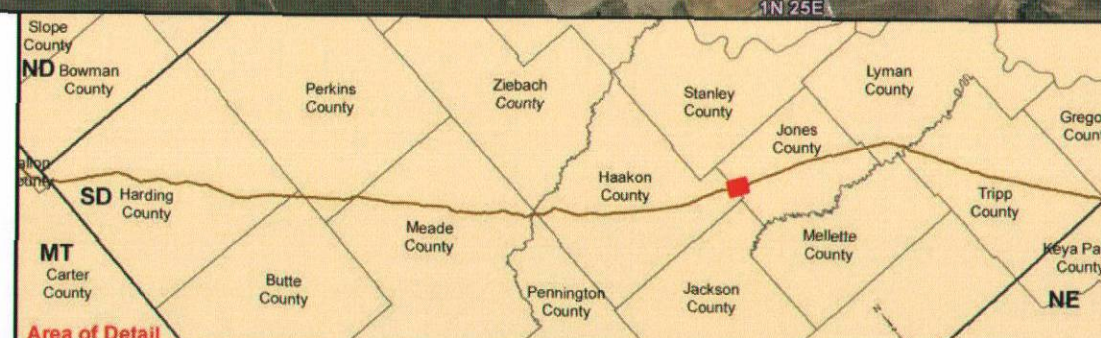
**SOUTH DAKOTA STUDY AREA
KEYSTONE XL PROJECT**

**MAPBOOK 1
LANDUSE / LANDCOVER**

MAP 37 OF 58



- Legend**
- Milepost
 - Steele City Segment
 - ⊠ Pump Station
 - County Line
 - Section Line
- Landuse**
- (a) Land used primarily for row and non-row crops in rotation
 - (b) Irrigated lands
 - (c) Pasturelands and Rangelands
 - (d) Hayland
 - (e) Undisturbed native grasslands
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 - (i) Residential
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 - (k) Municipal water supply and water sources for organized rural water systems - Confidential Information
 - (l) Noise sensitive land uses



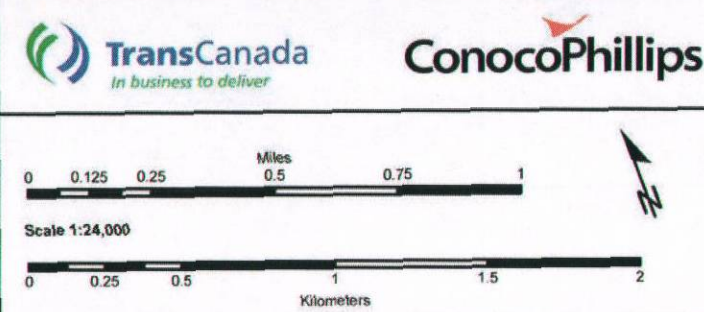
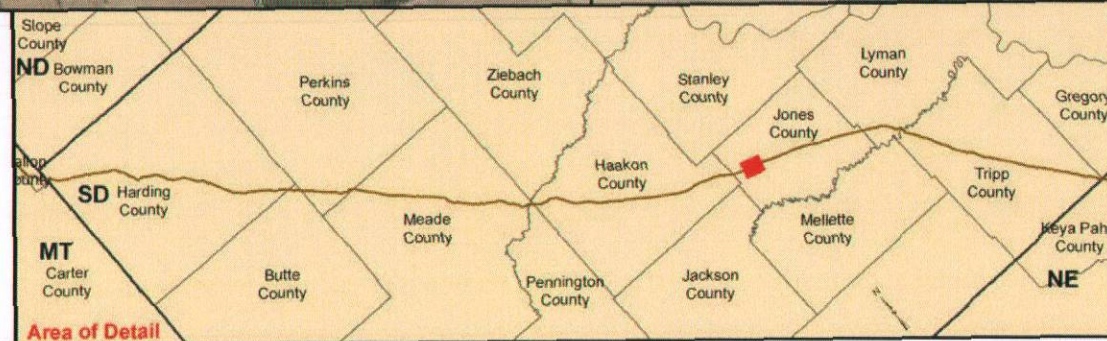
**SOUTH DAKOTA STUDY AREA
KEYSTONE XL PROJECT**

**MAPBOOK 1
LANDUSE / LANDCOVER**

MAP 38 OF 58



- Legend**
- Milepost
 - Steele City Segment
 - ⊠ Pump Station
 - County Line
 - Section Line
- Landuse**
- (a) Land used primarily for row and non-row crops in rotation
 - (b) Irrigated lands
 - (c) Pasturelands and Rangelands
 - (d) Hayland
 - (e) Undisturbed native grasslands
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 - (l) Noise sensitive land uses



**SOUTH DAKOTA STUDY AREA
KEYSTONE XL PROJECT**

**MAPBOOK 1
LANDUSE / LANDCOVER
MAP 39 OF 58**

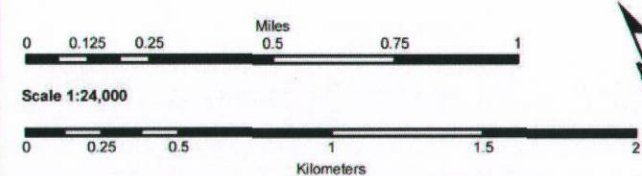


- Legend**
- Milepost
 - Steele City Segment
 - ⊠ Pump Station
 - County Line
 - Section Line
- Landuse**
- (a) Land used primarily for row and non-row crops in rotation
 - (b) Irrigated lands
 - (c) Pasturelands and Rangelands
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 - (e) Undisturbed native grasslands
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 - (k) Municipal water supply and water sources for organized rural water systems - Confidential Information
 - (l) Noise sensitive land uses



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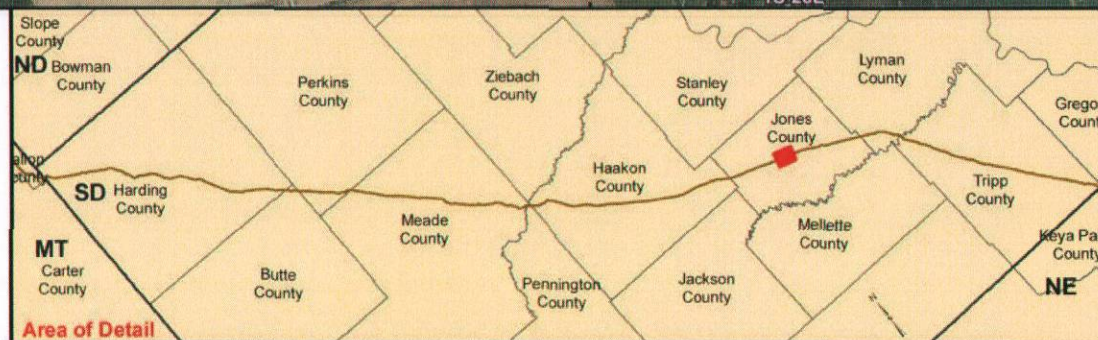
**SOUTH DAKOTA STUDY AREA
KEYSTONE XL PROJECT**

**MAPBOOK 1
LANDUSE / LANDCOVER**

MAP 40 OF 58

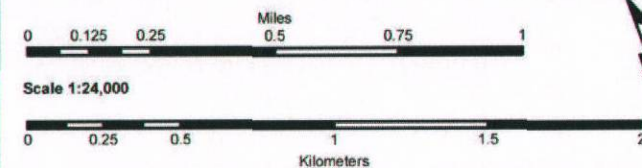


- Legend**
- Milepost
 - Steele City Segment
 - ⊠ Pump Station
 - County Line
 - Section Line
 - Landuse**
 - (a) Land used primarily for row and non-row crops in rotation
 - (b) Irrigated lands
 - (c) Pasturelands and Rangelands
 - (d) Hayland
 - (e) Undisturbed native grasslands
 - (f) Existing and potential extractive non-renewable resources
 - (g) Other major industries
 - (h) Rural residences and farmsteads, family farms, and ranches
 - (i) Residential
 - (j) Public, commercial, and institutional use
 - (k) Municipal water supply and water sources for organized rural water systems - Confidential Information
 - (l) Noise sensitive land uses



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In business to deliver

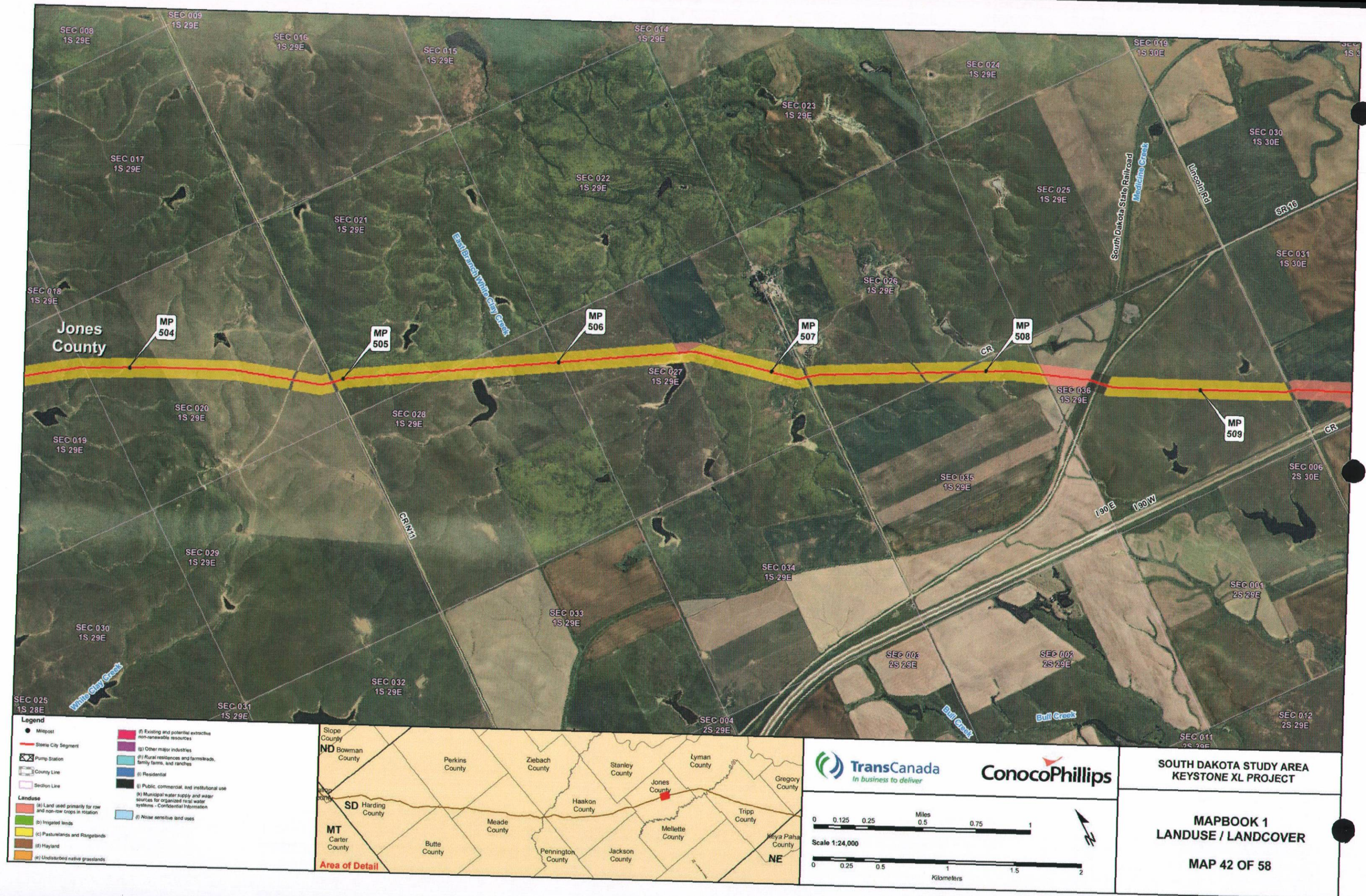
ConocoPhillips



**SOUTH DAKOTA STUDY AREA
KEYSTONE XL PROJECT**

**MAPBOOK 1
LANDUSE / LANDCOVER**

MAP 41 OF 58



- Legend**
- Milepost
 - Steele City Segment
 - ⊠ Pump Station
 - County Line
 - Section Line
- Landuse**
- (a) Land used primarily for row and non-row crops in rotation
 - (b) Irrigated lands
 - (c) Pasturelands and Rangelands
 - (d) Hayland
 - (e) Undisturbed native grasslands
 - (f) Existing and potential extractive non-renewable resources
 - (g) Other major industries
 - (h) Rural residences and farmsteads, family farms, and ranches
 - (i) Residential
 - (j) Public, commercial, and institutional use
 - (k) Municipal water supply and water sources for organized rural water systems - Confidential Information
 - (l) Noise sensitive land uses



TransCanada
In business to deliver

ConocoPhillips

0 0.125 0.25 0.5 0.75 1 Miles

Scale 1:24,000

0 0.25 0.5 1 1.5 2 Kilometers

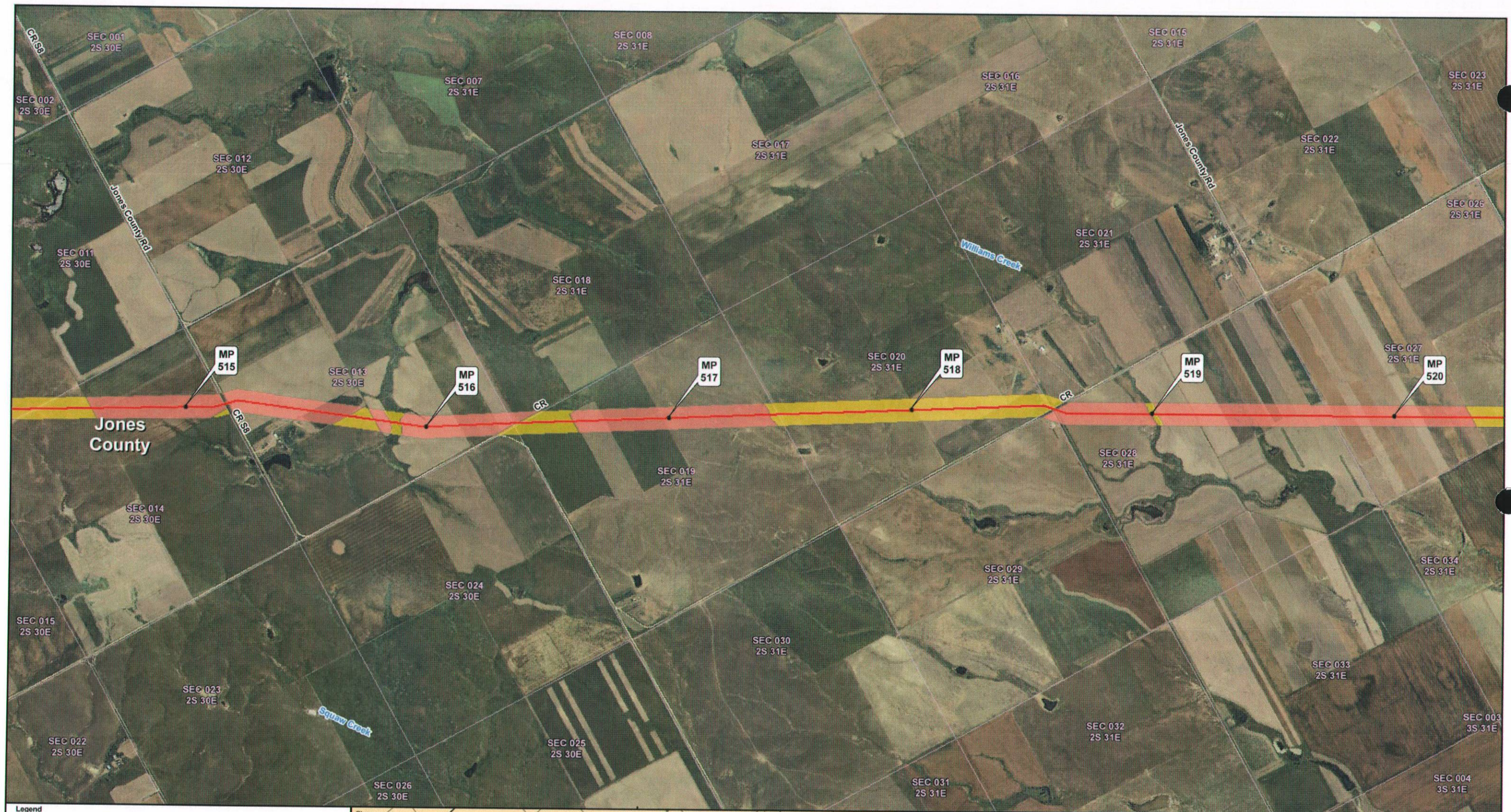
**SOUTH DAKOTA STUDY AREA
KEYSTONE XL PROJECT**

**MAPBOOK 1
LANDUSE / LANDCOVER**

MAP 42 OF 58



Legend - Milepost - Steele City Segment - Pump Station - County Line - Section Line Landuse (a) Land used primarily for row and non-row crops in rotation (b) Irrigated lands (c) Pasturelands and Rangelands (d) Hayland (e) Undisturbed native grasslands (f) Existing and potential extractive non-renewable resources (g) Other major industries (h) Rural residences and farmsteads, family farms, and ranches (i) Residential (j) Public, commercial, and institutional use (k) Municipal water supply and water sources for organized rural water systems - Confidential Information (l) Noise sensitive land uses	Area of Detail	TransCanada <i>In business to deliver</i> ConocoPhillips Scale 1:24,000 0 0.125 0.25 0.5 0.75 1 Miles 0 0.25 0.5 1 1.5 2 Kilometers	SOUTH DAKOTA STUDY AREA KEYSTONE XL PROJECT MAPBOOK 1 LANDUSE / LANDCOVER MAP 43 OF 58
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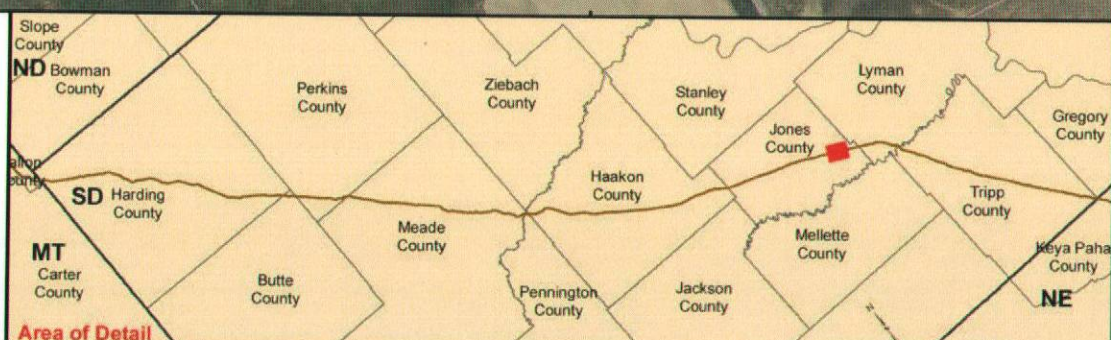


Legend

- Milepost
- State City Segment
- Pump Station
- County Line
- Section Line

Landuse

- (a) Land used primarily for row and non-row crops in rotation
- (b) Irrigated lands
- (c) Pasturelands and Rangelands
- (d) Hayland
- (e) Undisturbed native grasslands
- (f) Existing and potential extractive non-renewable resources
- (g) Other major industries
- (h) Rural residences and farmsteads, family farms, and ranches
- (i) Residential
- (j) Public, commercial, and institutional use
- (k) Municipal water supply and water sources for organized rural water systems - Confidential Information
- (l) Noise sensitive land uses



TransCanada
In business to deliver

ConocoPhillips

0 0.125 0.25 0.5 0.75 1 Miles

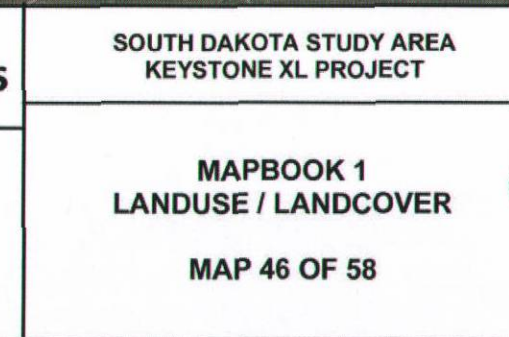
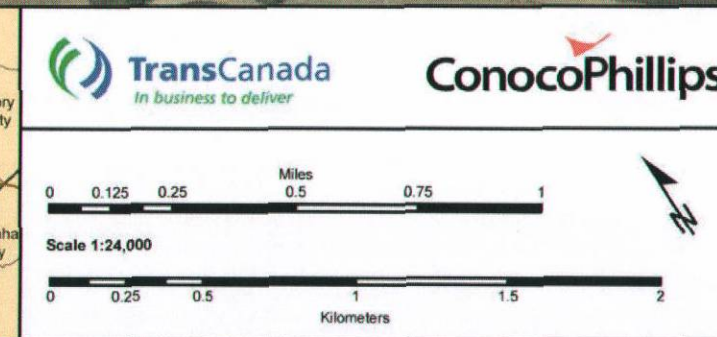
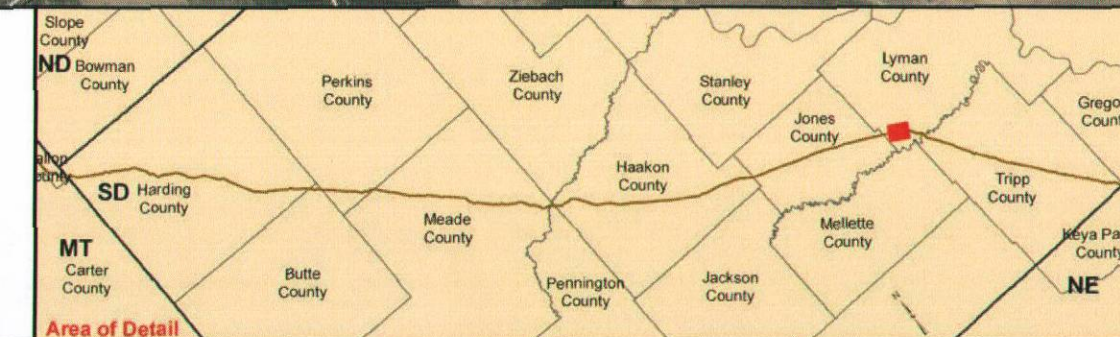
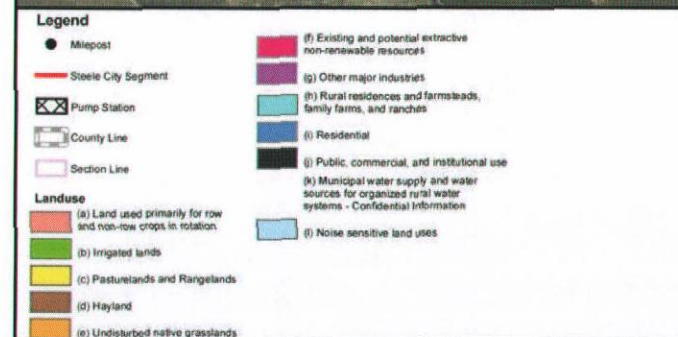
Scale 1:24,000

0 0.25 0.5 1 1.5 2 Kilometers

**SOUTH DAKOTA STUDY AREA
KEYSTONE XL PROJECT**

**MAPBOOK 1
LANDUSE / LANDCOVER**

MAP 44 OF 58



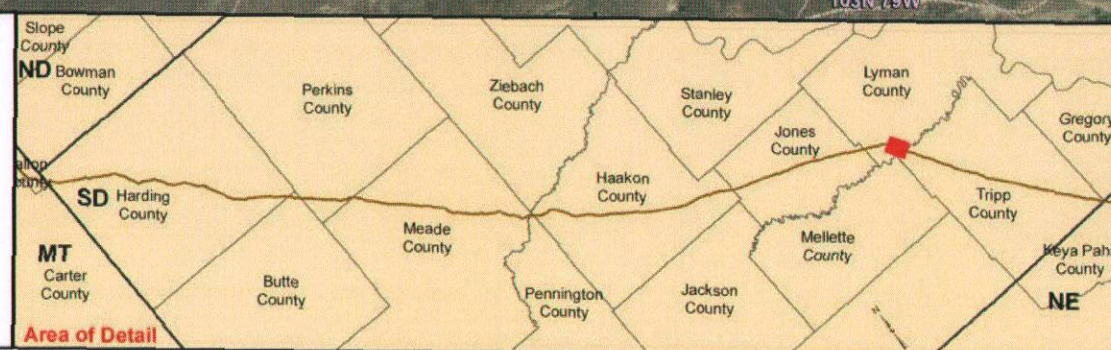


Legend

- Milepost
- Steele City Segment
- Pump Station
- County Line
- Section Line

Landuse

- (a) Land used primarily for row and non-row crops in rotation
- (b) Irrigated lands
- (c) Pasturelands and Rangelands
- (d) Hayland
- (e) Undisturbed native grasslands
- (f) Existing and potential extractive non-renewable resources
- (g) Other major industries
- (h) Rural residences and farmsteads, family farms, and ranches
- (i) Residential
- (j) Public, commercial, and institutional use
- (k) Municipal water supply and water systems - Confidential information
- (l) Noise sensitive land uses



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Scale 1:24,000

Miles: 0, 0.125, 0.25, 0.5, 0.75, 1

Kilometers: 0, 0.25, 0.5, 1, 1.5, 2

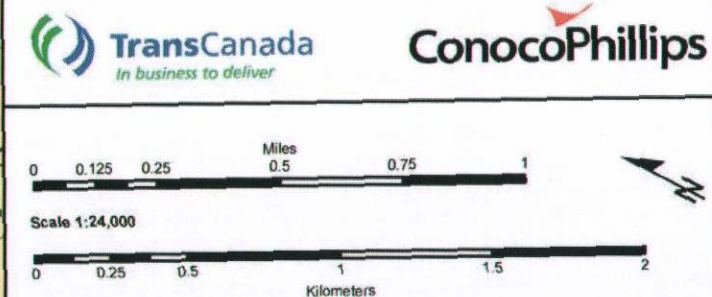
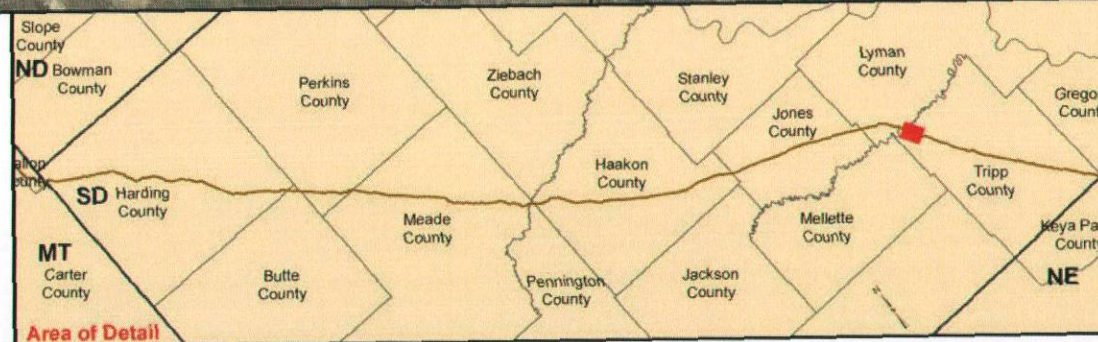
**SOUTH DAKOTA STUDY AREA
KEYSTONE XL PROJECT**

**MAPBOOK 1
LANDUSE / LANDCOVER**

MAP 47 OF 58



- Legend**
- Milepost
 - Steele City Segment
 - Pump Station
 - County Line
 - Section Line
- Landuse**
- (a) Land used primarily for row and non-row crops in rotation
 - (b) Irrigated lands
 - (c) Pasturelands and Rangelands
 - (d) Hayland
 - (e) Undisturbed native grasslands
 - (f) Existing and potential extractive non-renewable resources
 - (g) Other major industries
 - (h) Rural residences and farmsteads, family farms, and ranches
 - (i) Residential
 - (j) Public, commercial, and institutional use
 - (k) Municipal water supply and water sources for organized rural water systems - Confidential information
 - (l) Noise sensitive land uses



**SOUTH DAKOTA STUDY AREA
KEYSTONE XL PROJECT**

**MAPBOOK 1
LANDUSE / LANDCOVER**

MAP 48 OF 58

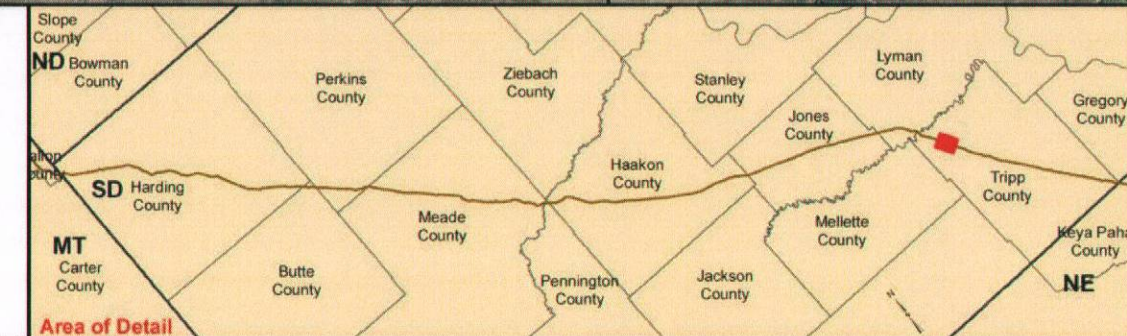


Legend

- Milepost
- Steele City Segment
- Pump Station
- County Line
- Section Line

Landuse

- (a) Land used primarily for row and non-row crops in rotation
- (b) Irrigated lands
- (c) Pasturelands and Rangelands
- (d) Hayland
- (e) Undisturbed native grasslands
- (f) Existing and potential extractive non-renewable resources
- (g) Other major industries
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- (i) Residential
- (j) Public, commercial, and institutional use
- (k) Municipal water supply and water sources for organized rural water systems - Confidential Information
- (l) Noise sensitive land uses



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ConocoPhillips

Miles
0 0.125 0.25 0.5 0.75 1

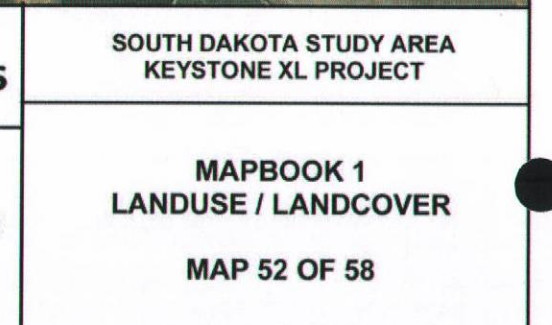
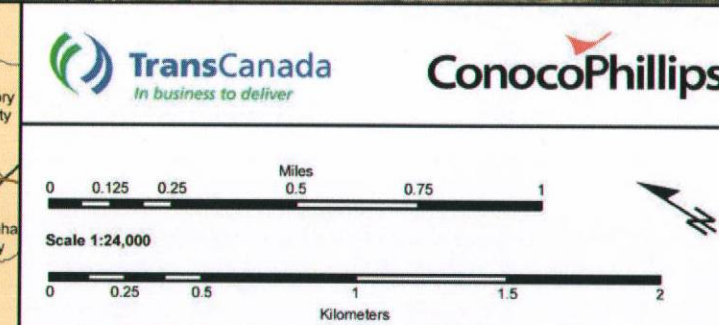
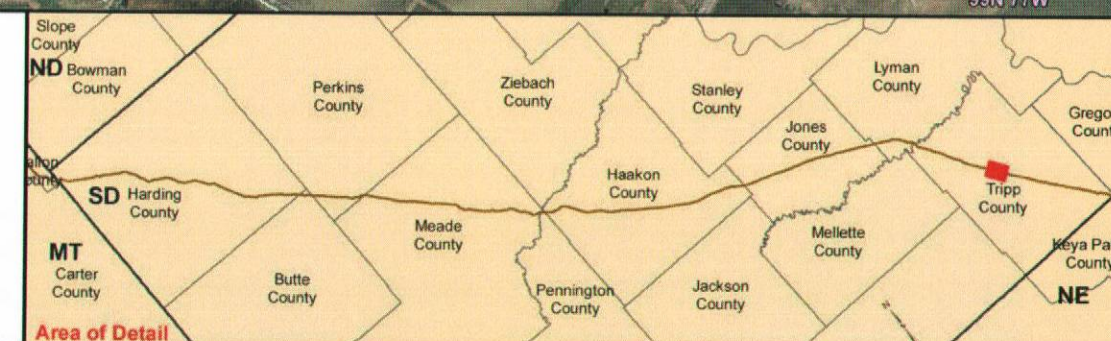
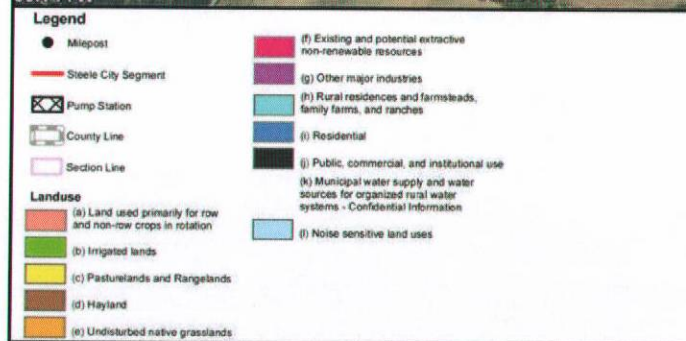
Scale 1:24,000

Kilometers
0 0.25 0.5 1 1.5 2

**SOUTH DAKOTA STUDY AREA
KEYSTONE XL PROJECT**

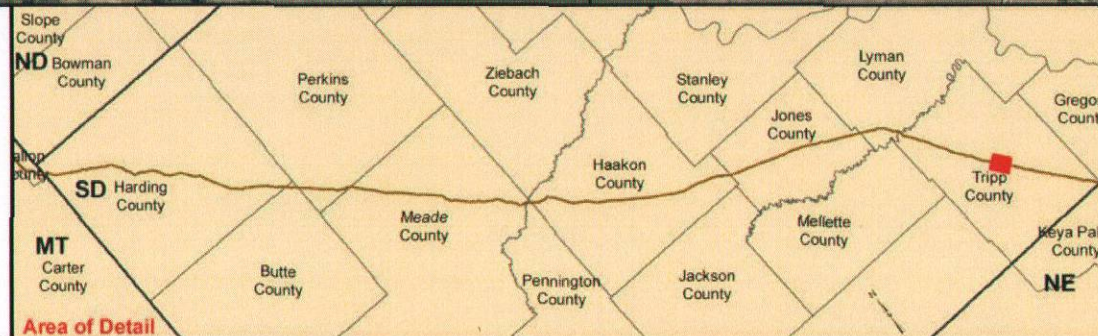
**MAPBOOK 1
LANDUSE / LANDCOVER**

MAP 49 OF 58



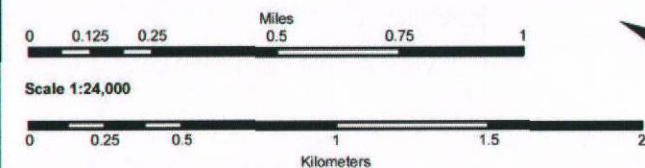


- Legend**
- Milepost
 - Steele City Segment
 - ⊠ Pump Station
 - County Line
 - Section Line
 - Landuse**
 - (a) Land used primarily for row and non-row crops in rotation
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 - (e) Undisturbed native grasslands
 - (f) Existing and potential extractive non-renewable resources
 - (g) Other major industries
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 - (j) Public, commercial, and institutional use
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 - (l) Noise sensitive land uses



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**SOUTH DAKOTA STUDY AREA
KEYSTONE XL PROJECT**

**MAPBOOK 1
LANDUSE / LANDCOVER**

MAP 53 OF 58

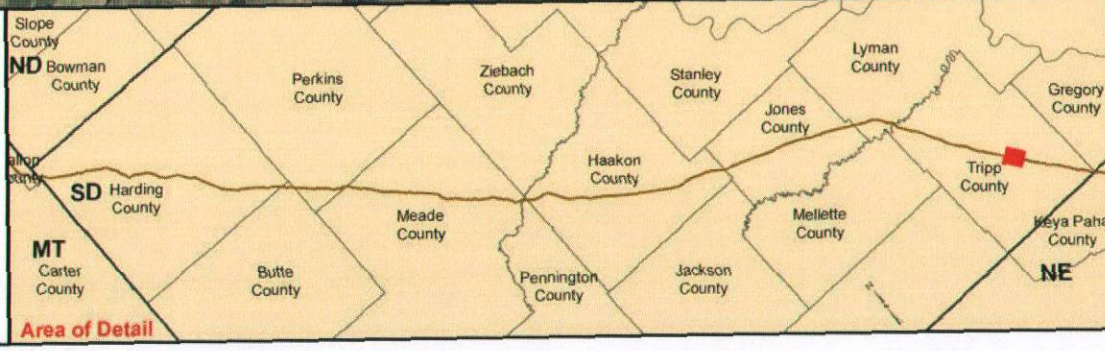


Legend

- Milepost
- Steele City Segment
- Pump Station
- County Line
- Section Line

Landuse

- (a) Land used primarily for row and non-row crops in rotation
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- (c) Pasturelands and Rangelands
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- (f) Existing and potential extractive non-renewable resources
- (g) Other major industries
- (h) Rural residences and farmsteads, family farms, and ranches
- (i) Residential
- (j) Public, commercial, and institutional use
- (k) Municipal water supply and water sources for organized rural water systems - Confidential Information
- (l) Noise sensitive land uses



TransCanada
In business to deliver

ConocoPhillips

Scale 1:24,000

0 0.125 0.25 0.5 0.75 1 Miles

0 0.25 0.5 1 1.5 2 Kilometers

**SOUTH DAKOTA STUDY AREA
KEYSTONE XL PROJECT**

**MAPBOOK 1
LANDUSE / LANDCOVER**

MAP 54 OF 58

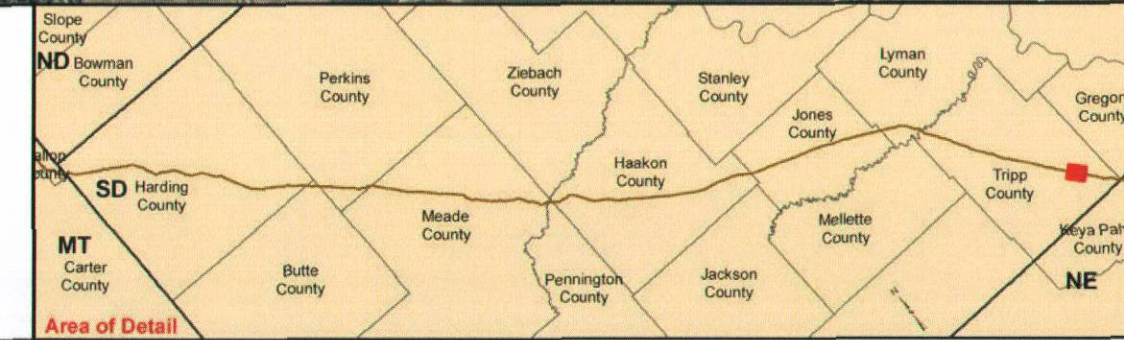


Legend

- Milepost
- Steele City Segment
- Pump Station
- County Line
- Section Line

Landuse

- (a) Land used primarily for row and non-row crops in rotation
- (b) Irrigated lands
- (c) Pasturelands and Rangelands
- (d) Hayland
- (e) Undisturbed native grasslands
- (f) Existing and potential extractive non-renewable resources
- (g) Other major industries
- (h) Rural residences and farmsteads, family farms, and ranches
- (i) Residential
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0 0.125 0.25 0.5 0.75 1 Miles

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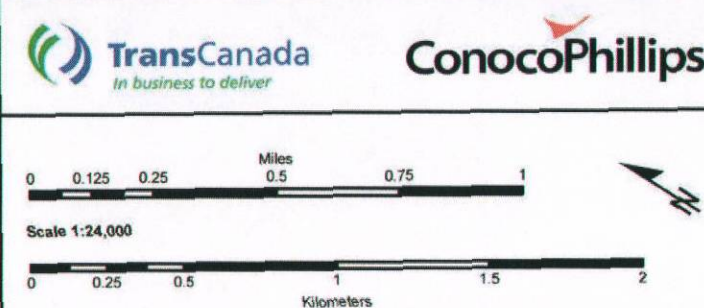
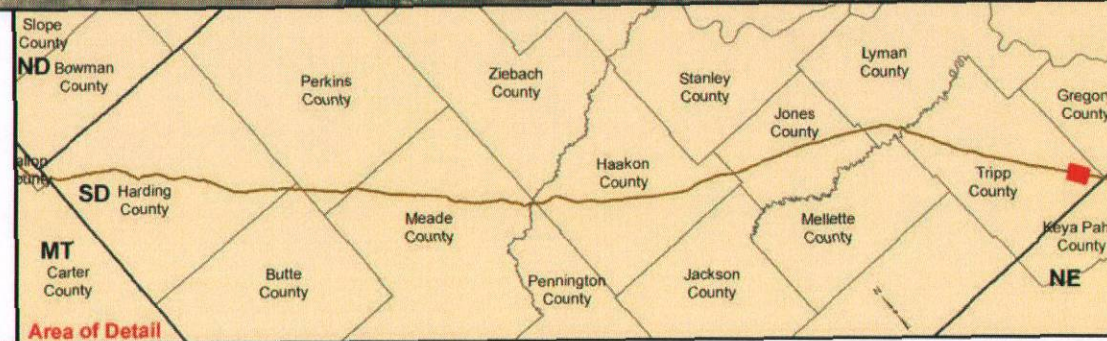
**SOUTH DAKOTA STUDY AREA
KEYSTONE XL PROJECT**

**MAPBOOK 1
LANDUSE / LANDCOVER**

MAP 56 OF 58



- Legend**
- Milepost
 - Steele City Segment
 - Pump Station
 - County Line
 - Section Line
 - Landuse**
 - (a) Land used primarily for row and non-row crops in rotation
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**SOUTH DAKOTA STUDY AREA
KEYSTONE XL PROJECT**

**MAPBOOK 1
LANDUSE / LANDCOVER**

MAP 57 OF 58

