APPENDIX N

(consists of Appendix I of the August 26, 2011 Final EIS)

Figures

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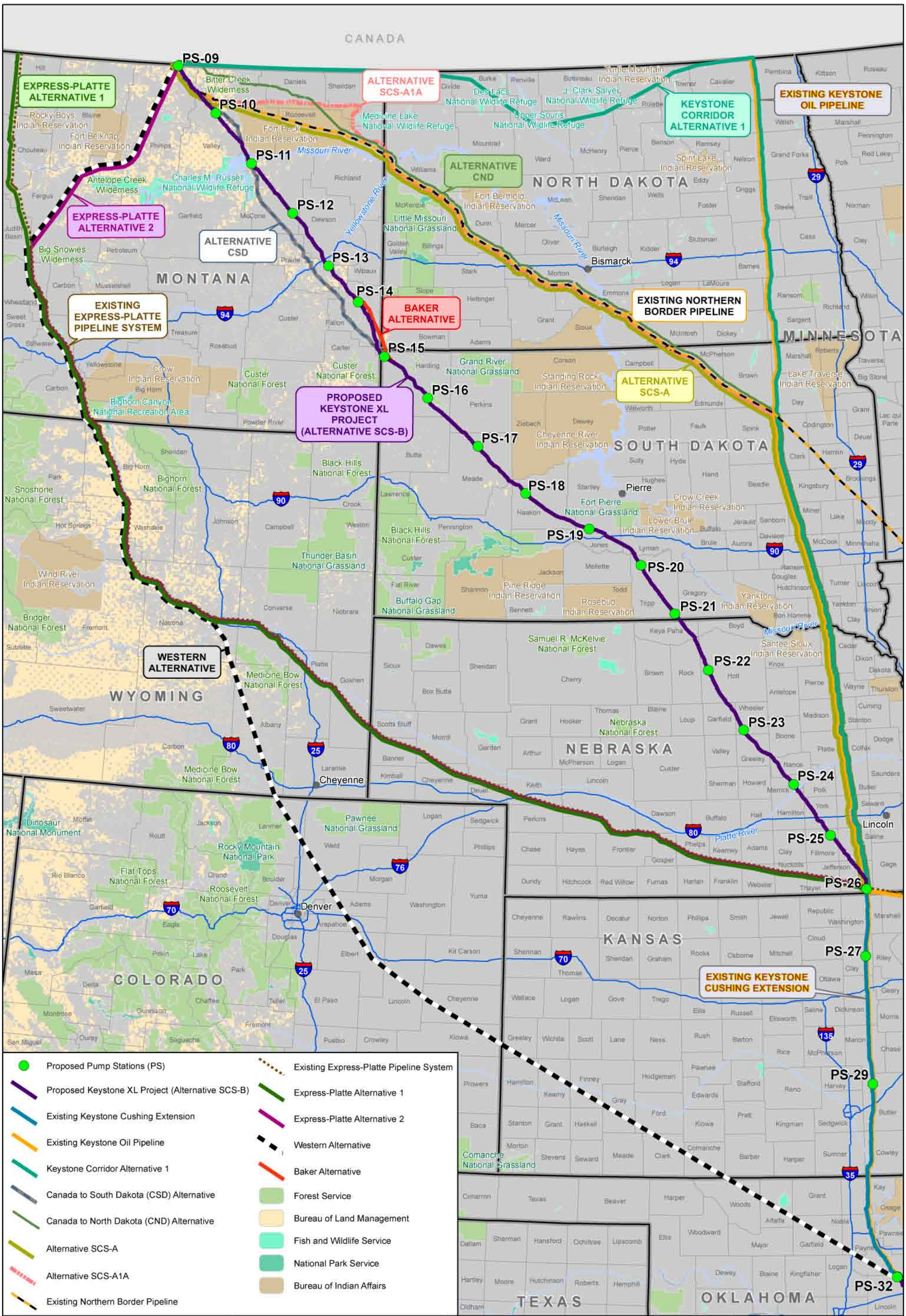
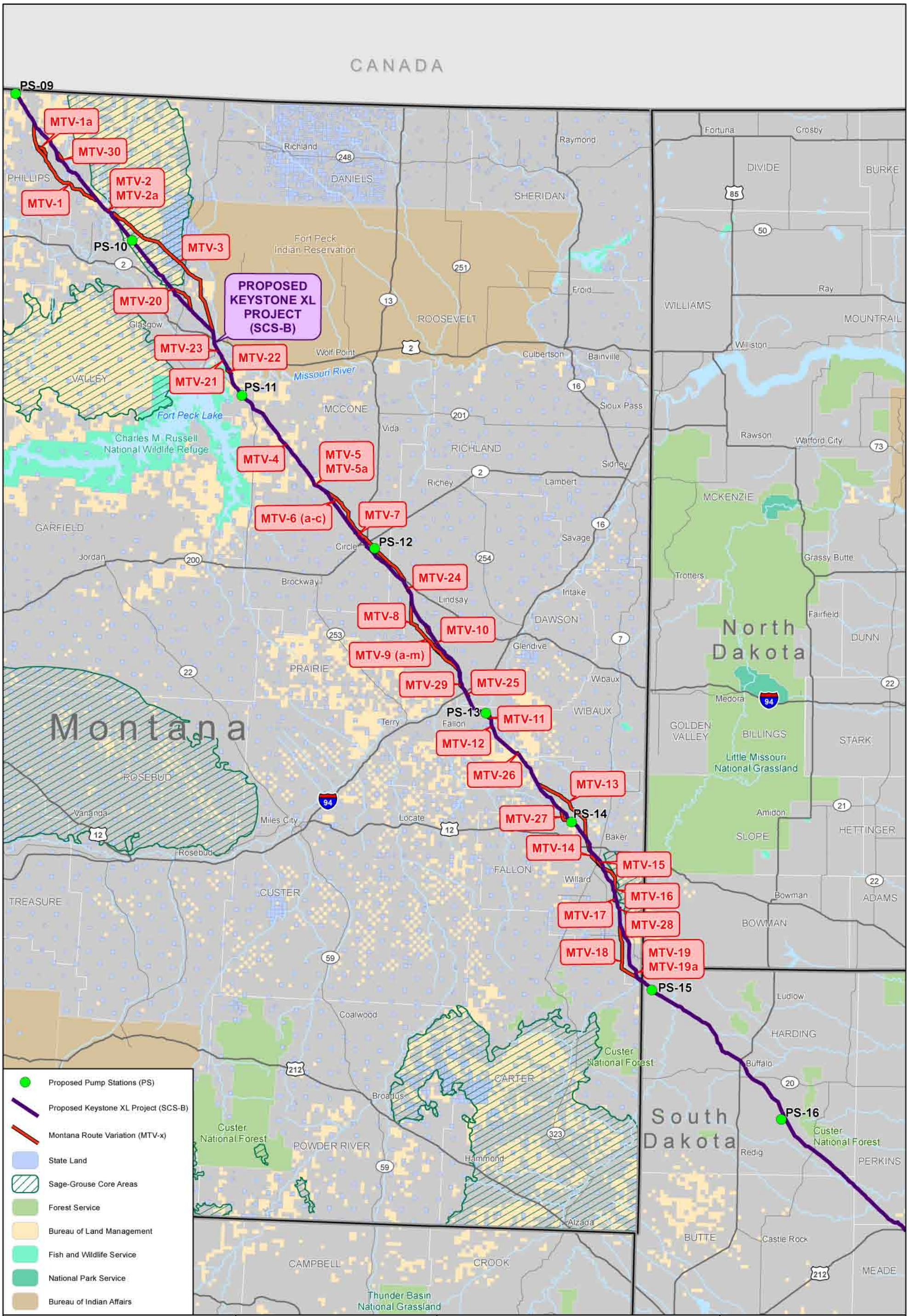


KEYSTONE XL PROJECT

Figure I-2.3-1

Montana Route Alternatives



Data Sources: Federal Lands, Basemap - ESRI, Sage-Grouse - MFWP, State Land - MT Cadastral/CAMA Project.

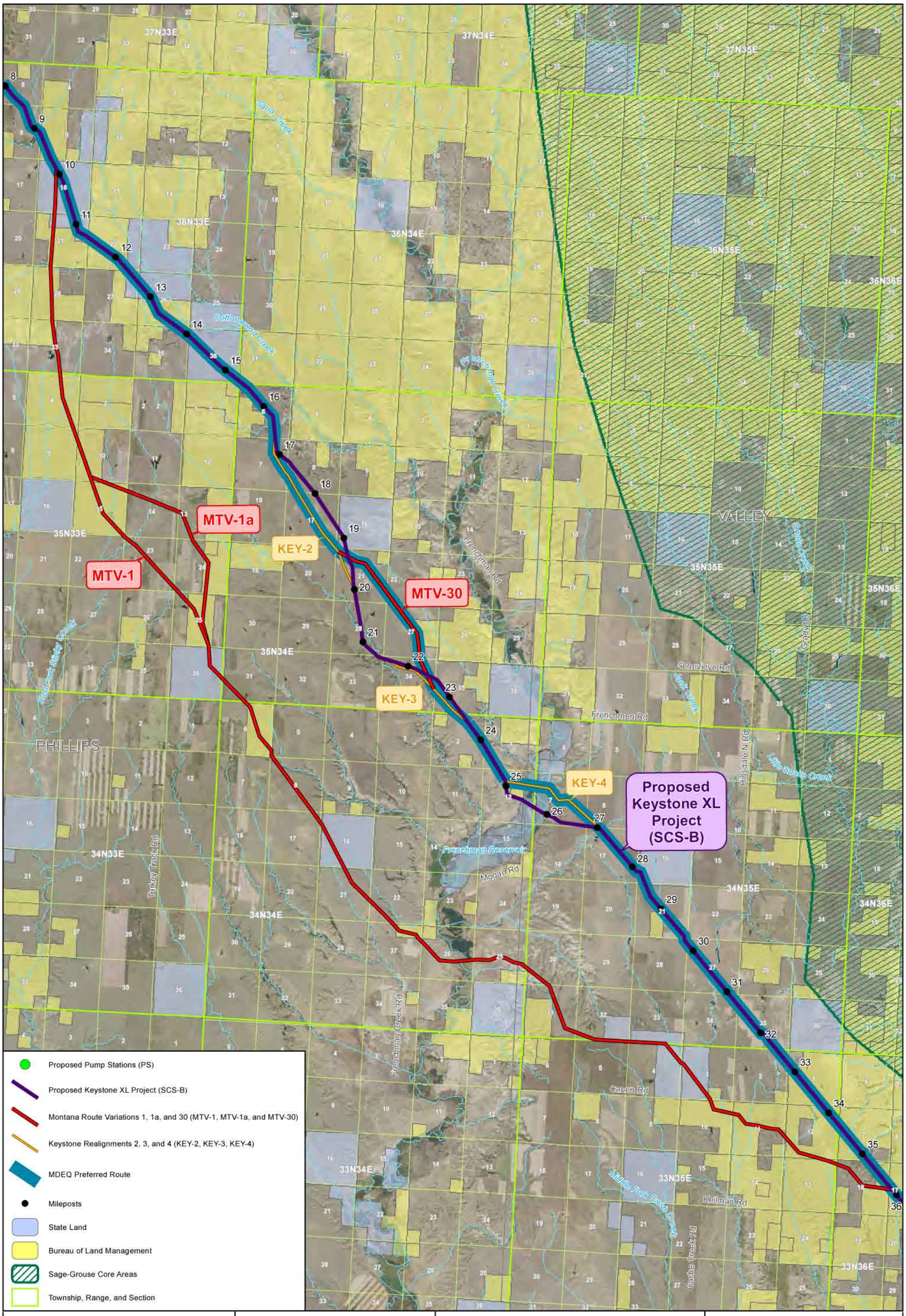
0 5 10 20 Miles

KEYSTONE XL PROJECT

Note: See Figures I-2.4.2-2 through I-2.4.2-24 for additional details

Figure I-2.4.2-1

Montana Route Variations



Data Sources: Basemap - ESRI,
Land Owner - MT Cadastral/CAMA Project,
Sage-Grouse - MFWP,
Aerial Photography - NAIP, 2009.

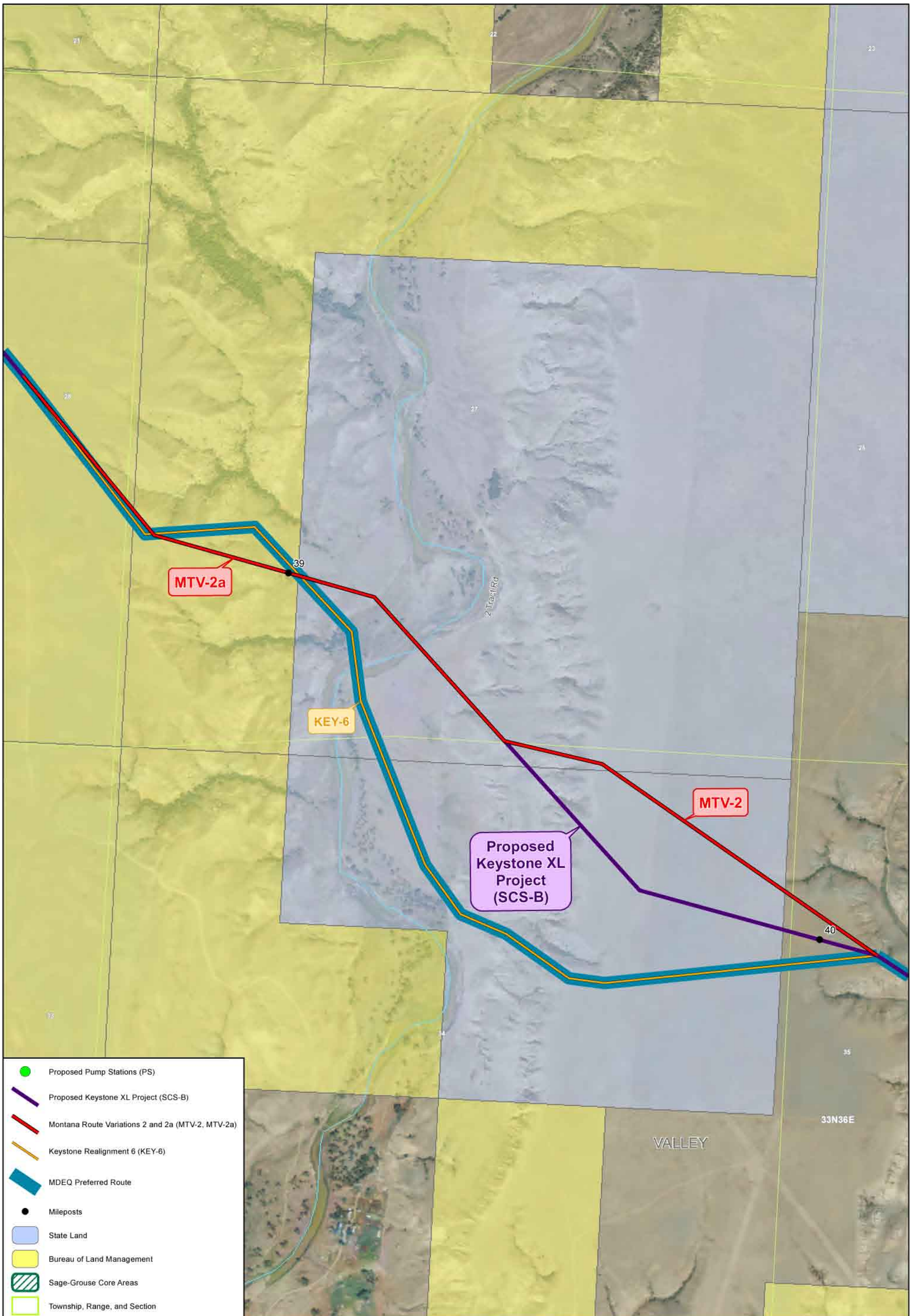
0 3,000 6,000 12,000 Feet

KEYSTONE XL PROJECT

Note: See Figure I-2.4.2-1 for regional location of variation

Figure I-2.4.2-2

Montana Route Variations 1, 1a, and 30 (MTV-1, MTV-1a, and MTV-30)



Data Sources: Basemap - ESRI,
Land Owner - MT Cadastral/CAMA Project,
Sage-Grouse - MFWP,
Aerial Photography - NAIP, 2009.

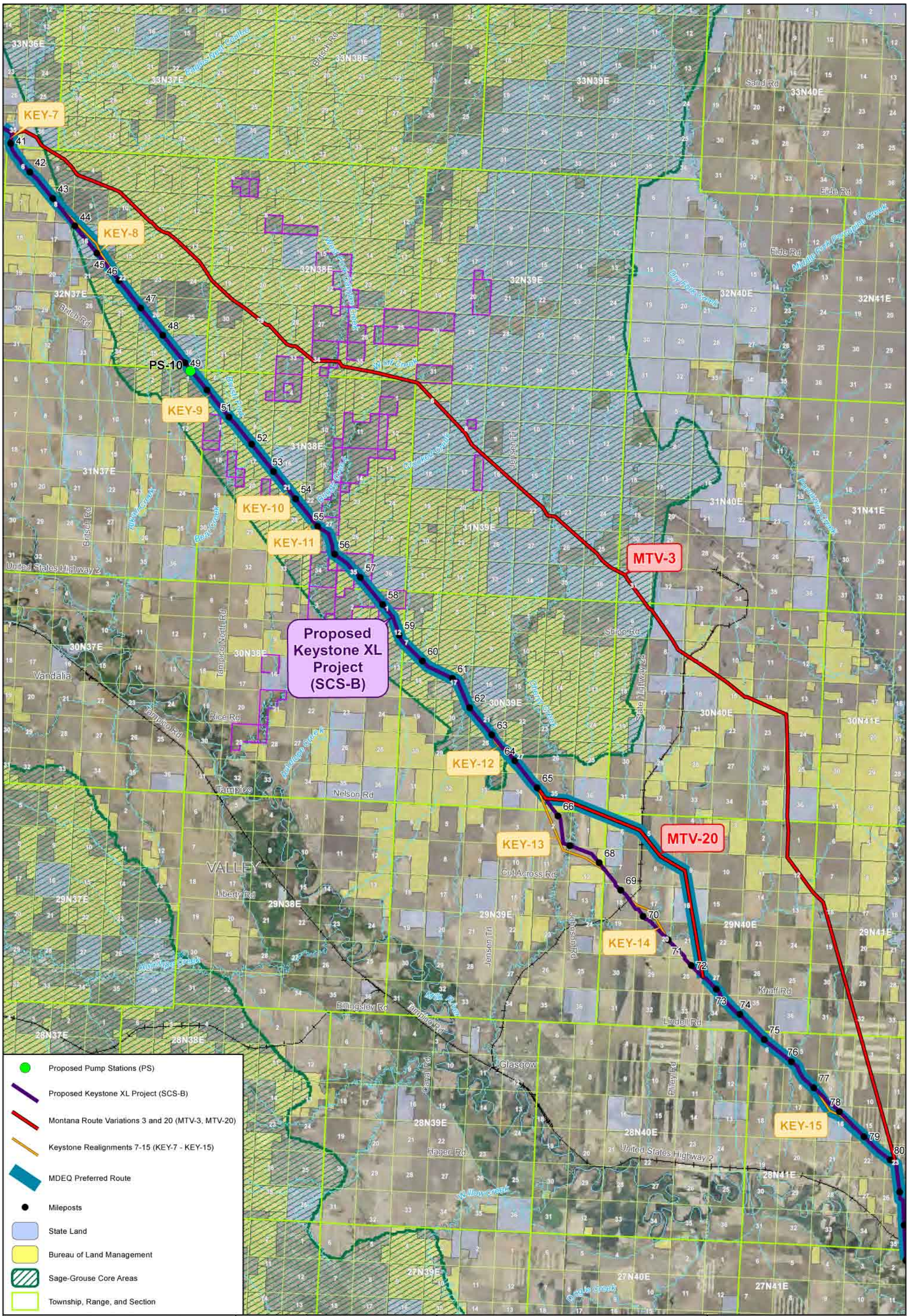
0 250 500 1,000 Feet

KEYSTONE XL PROJECT

Note: See Figure I-2.4.2-1 for regional location of variation

Figure I-2.4.2-3

Montana Route Variations 2 and 2a (MTV-2, MTV-2a)



Data Sources: Basemap - ESRI,
Land Owner - MT Cadastral/CAMA Project,
Sage-Grouse - MFWP,
Aerial Photography - NAIP, 2009,
Cornwell Ranch Conservation Easement - NC.

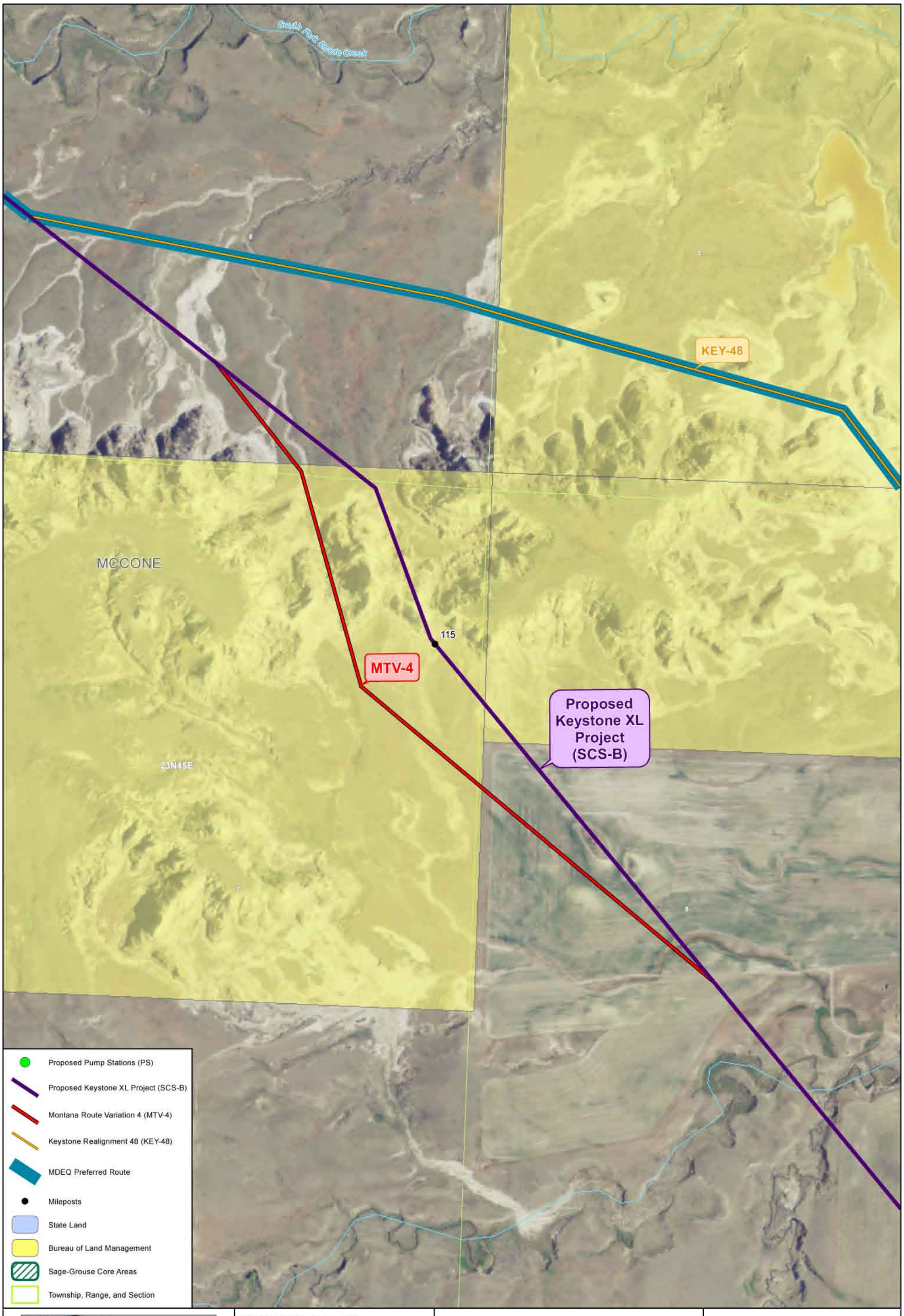
0 0.75 1.5 3 Miles

KEYSTONE XL PROJECT

Note: See Figure I-2.4.2-1 for regional location of variation

Figure I-2.4.2-4

Montana Route Variations 3 and 20 (MTV-3, MTV-20)



Data Sources: Basemap - ESRI,
Land Owner - MT Cadastral/CAMA Project,
Sage-Grouse - MFWP,
Aerial Photography - NAIP, 2009.

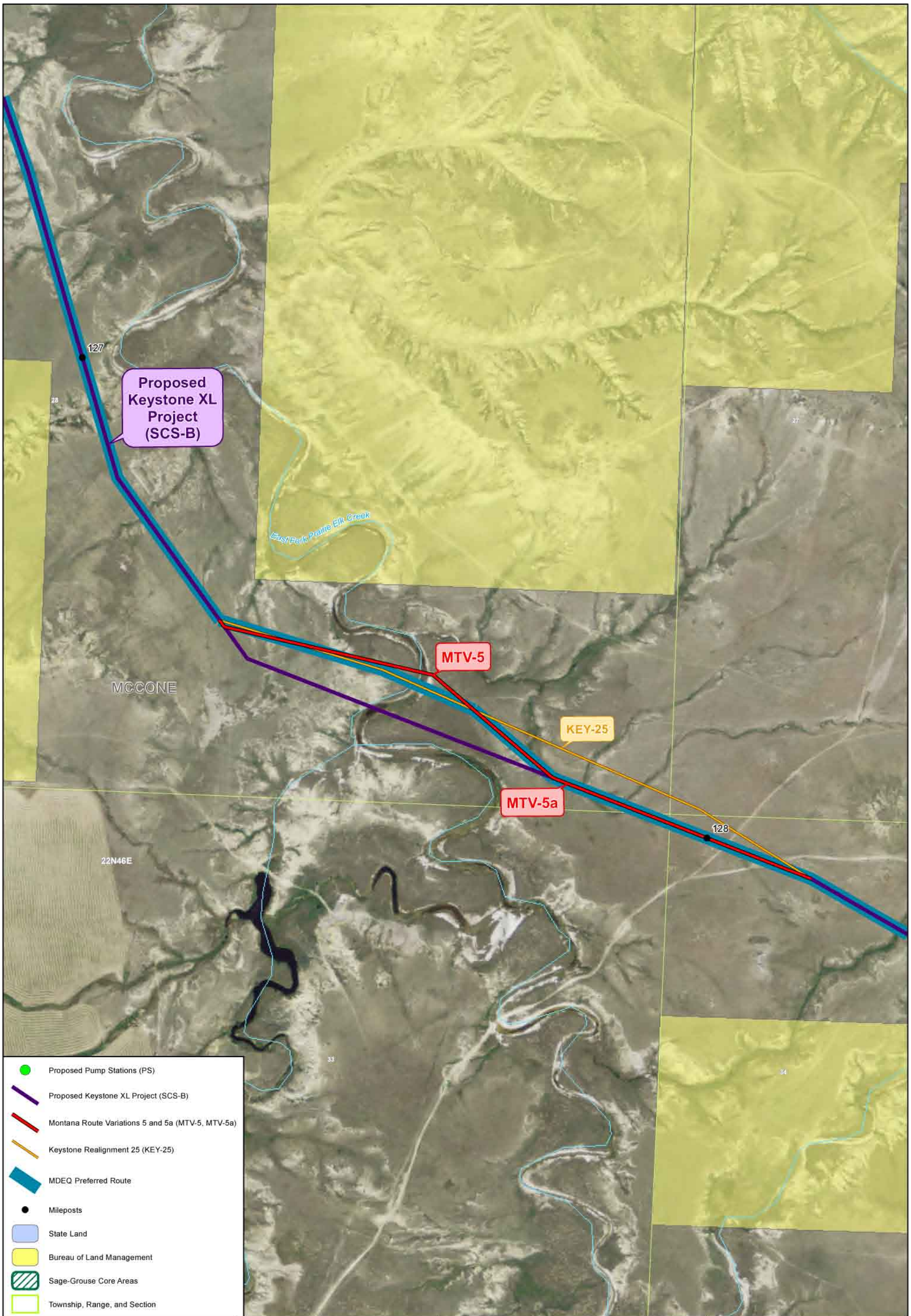
0 125 250 500 Feet

KEYSTONE XL PROJECT

Note: See Figure I-2.4.2-1 for regional location of variation

Figure I-2.4.2-5

Montana Route Variation 4 (MTV-4)



Data Sources: Basemap - ESRI,
Land Owner - MT Cadastral/CAMA Project,
Sage-Grouse - MFWP,
Aerial Photography - NAIP, 2009.

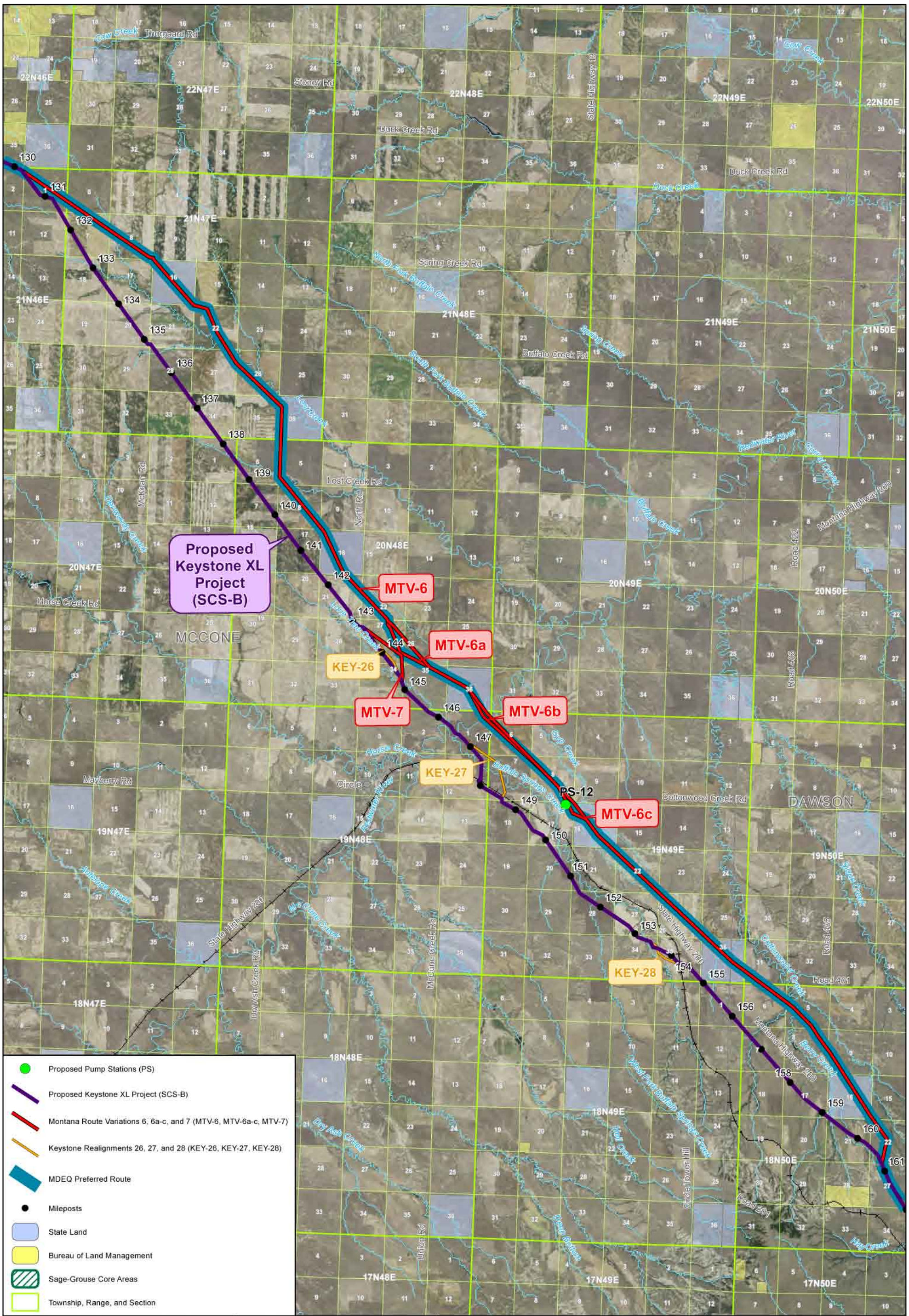
0 125 250 500 Feet

KEYSTONE XL PROJECT

Note: See Figure I-2.4.2-1 for regional location of variation

Figure I-2.4.2-6

Montana Route Variations 5 and 5a (MTV-5, MTV-5a)



Data Sources: Basemap - ESRI,
Land Owner - MT Cadastral/CAMA Project,
Sage-Grouse - MFWP,
Aerial Photography - NAIP, 2009.

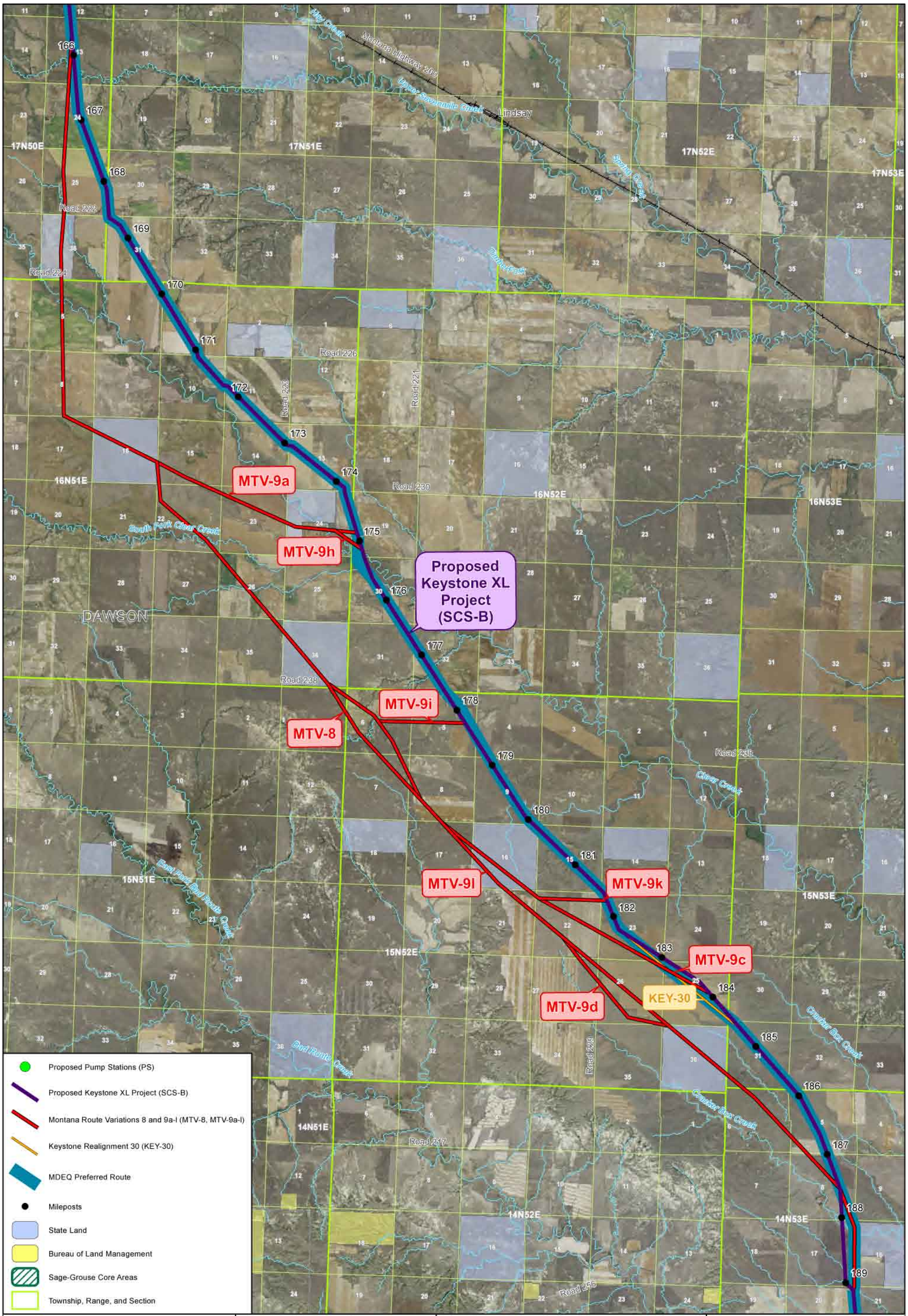
0 0.5 1 2 Miles

KEYSTONE XL PROJECT

Note: See Figure I-2.4.2-1 for regional location of variation

Figure I-2.4.2-7

Montana Route Variations 6, 6a-c, and 7 (MTV-6, MTV-6a-c, MTV-7)



Data Sources: Basemap - ESRI,
Land Owner - MT Cadastral/CAMA Project,
Sage-Grouse - MFWP,
Aerial Photography - NAIP, 2009.

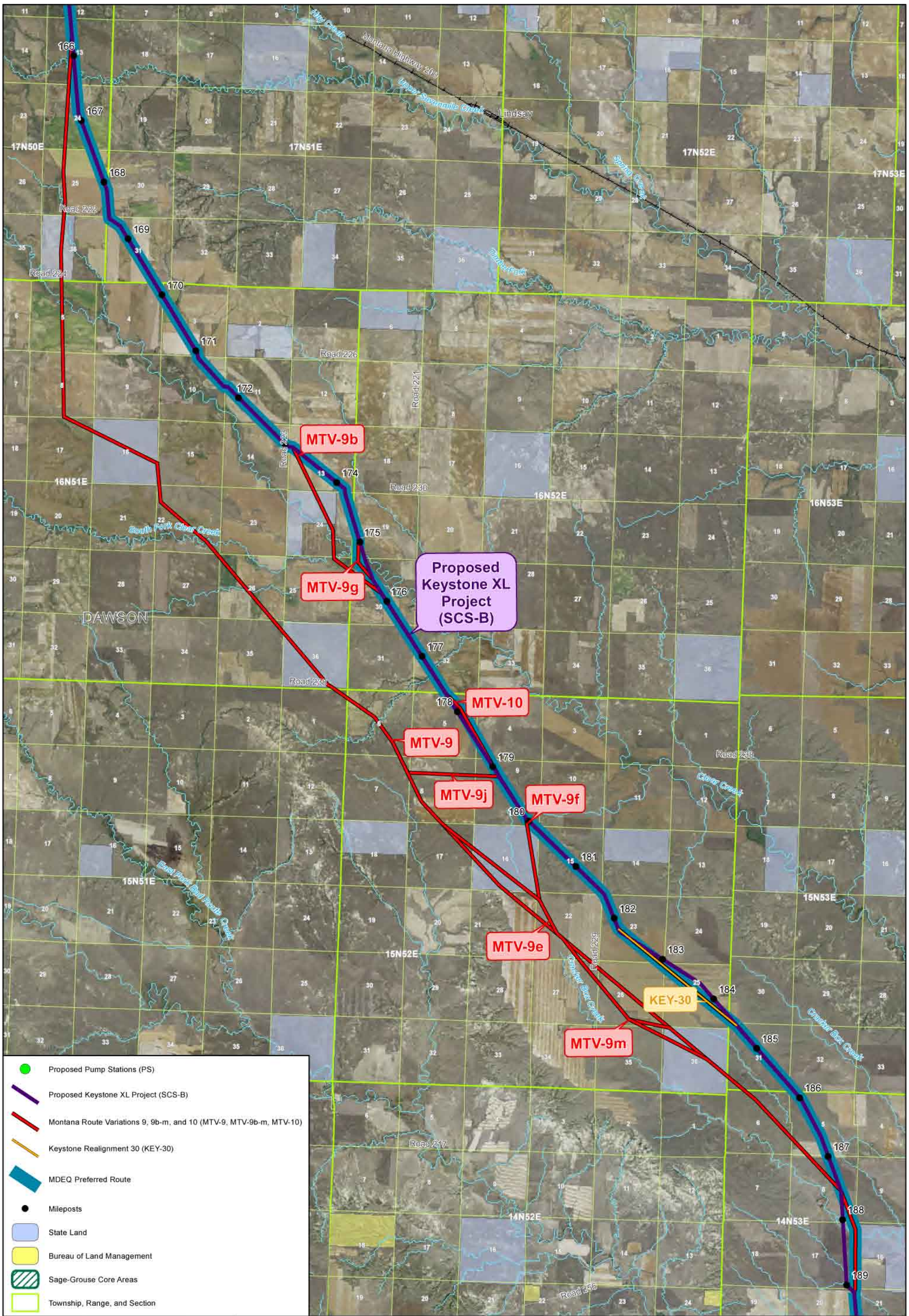
0 0.5 1 2 Miles

KEYSTONE XL PROJECT

Note: See Figure I-2.4.2-1 for regional location of variation

Figure I-2.4.2-8a

Montana Route Variations 8 and 9a-l (MTV-8, MTV-9a-l)



Data Sources: Basemap - ESRI,
Land Owner - MT Cadastral/CAMA Project,
Sage-Grouse - MFWP,
Aerial Photography - NAIP, 2009.

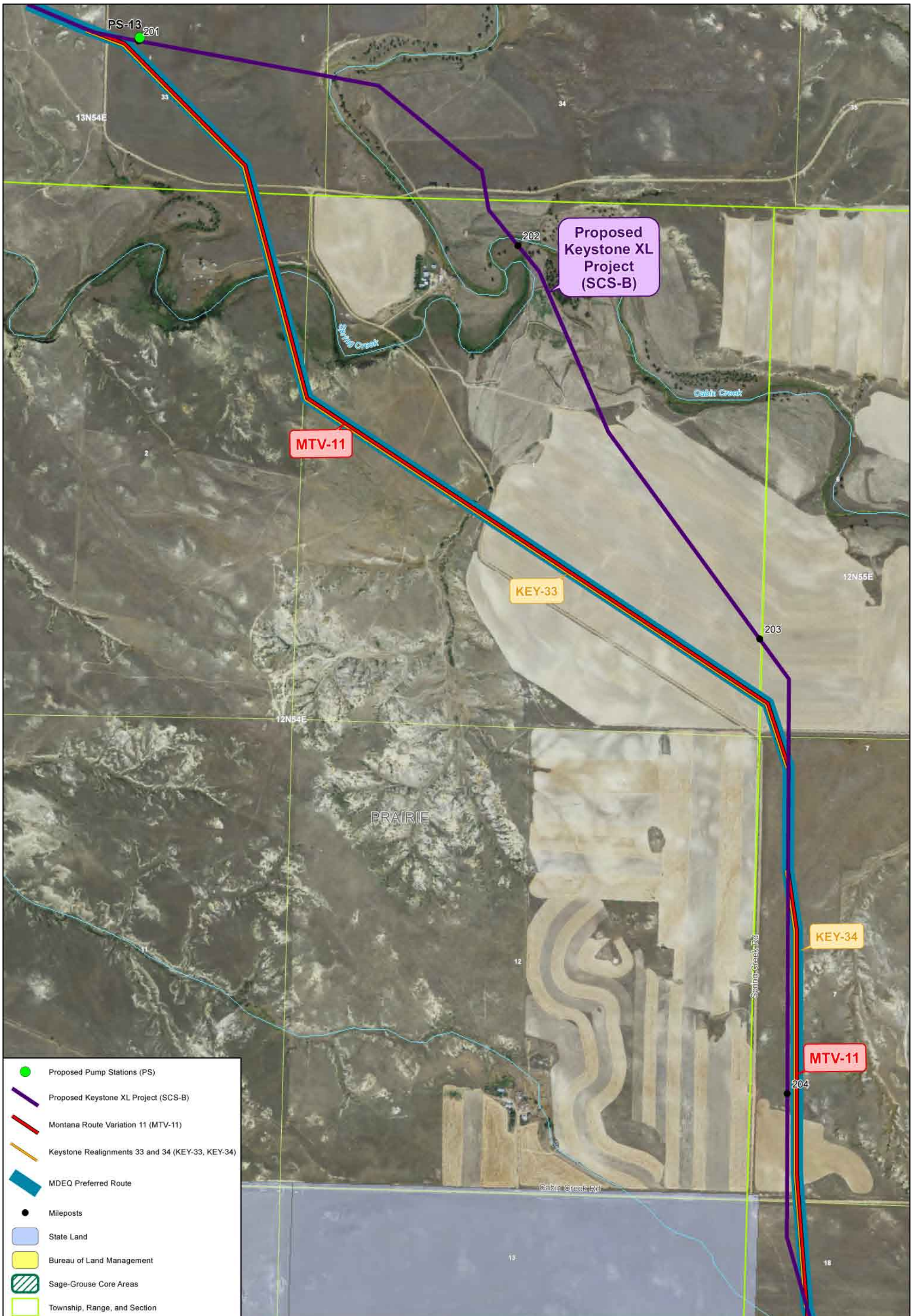
0 0.5 1 2 Miles

KEYSTONE XL PROJECT

Note: See Figure I-2.4.2-1 for regional location of variation

Figure I-2.4.2-8b

Montana Route Variations 9, 9b-m, and 10 (MTV-9, MTV-9b-m, MTV-10)



Data Sources: Basemap - ESRI,
Land Owner - MT Cadastral/CAMA Project,
Sage-Grouse - MFWP,
Aerial Photography - NAIP, 2009.

0 375 750 1,500 Feet

KEYSTONE XL PROJECT

Note: See Figure I-2.4.2-1 for regional location of variation

Figure I-2.4.2-9

Montana Route Variation 11 (MTV-11)

Data Sources: Basemap - ESRI,
Land Owner - MT Cadastral/CAMA Project,
Sage-Grouse - MFWP,
Aerial Photography - NAIP, 2009.

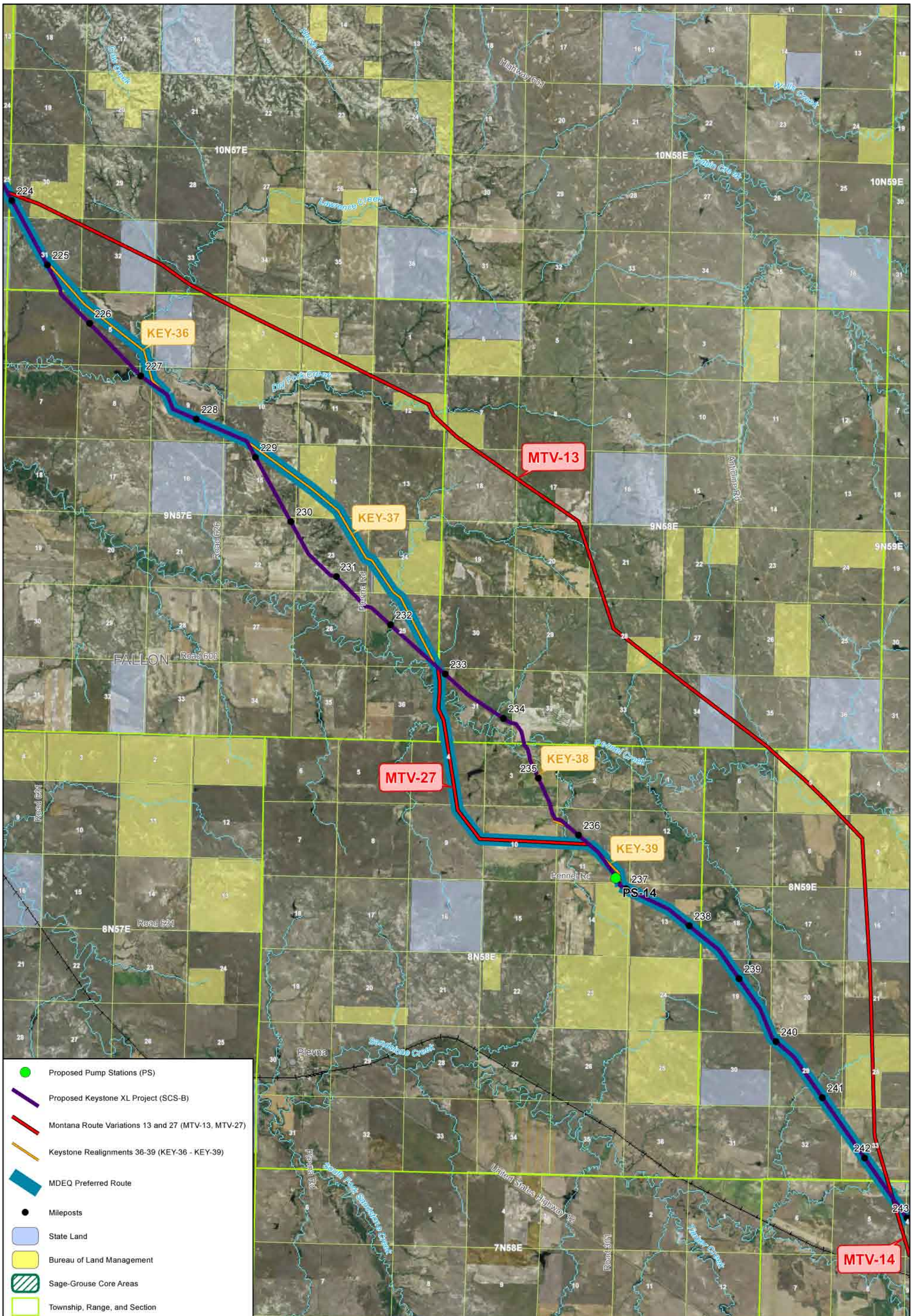
0 125 250 500 Feet

KEYSTONE XL PROJECT

Note: See Figure I-2.4.2-1 for regional location of variation

Figure I-2.4.2-10

Montana Route Variation 12 (MTV-12)



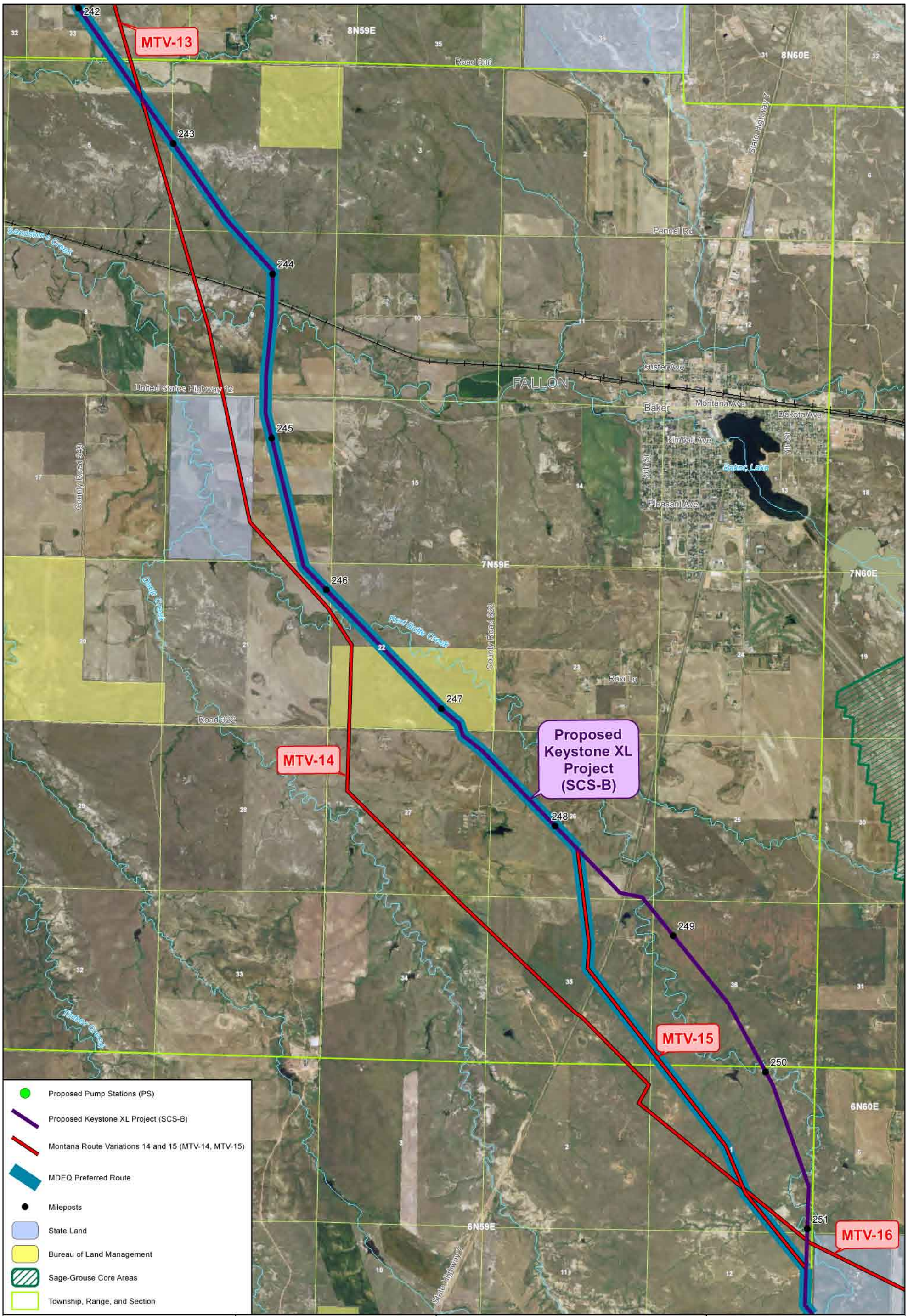
Data Sources: Basemap - ESRI,
Land Owner - MT Cadastral/CAMA Project,
Sage-Grouse - MFWP,
Aerial Photography - NAIP, 2009.

KEYSTONE XL PROJECT

Note: See Figure I-2.4.2-1 for regional location of variation

Figure I-2.4.2-11

Montana Route Variations 13 and 27 (MTV-13, MTV-27)

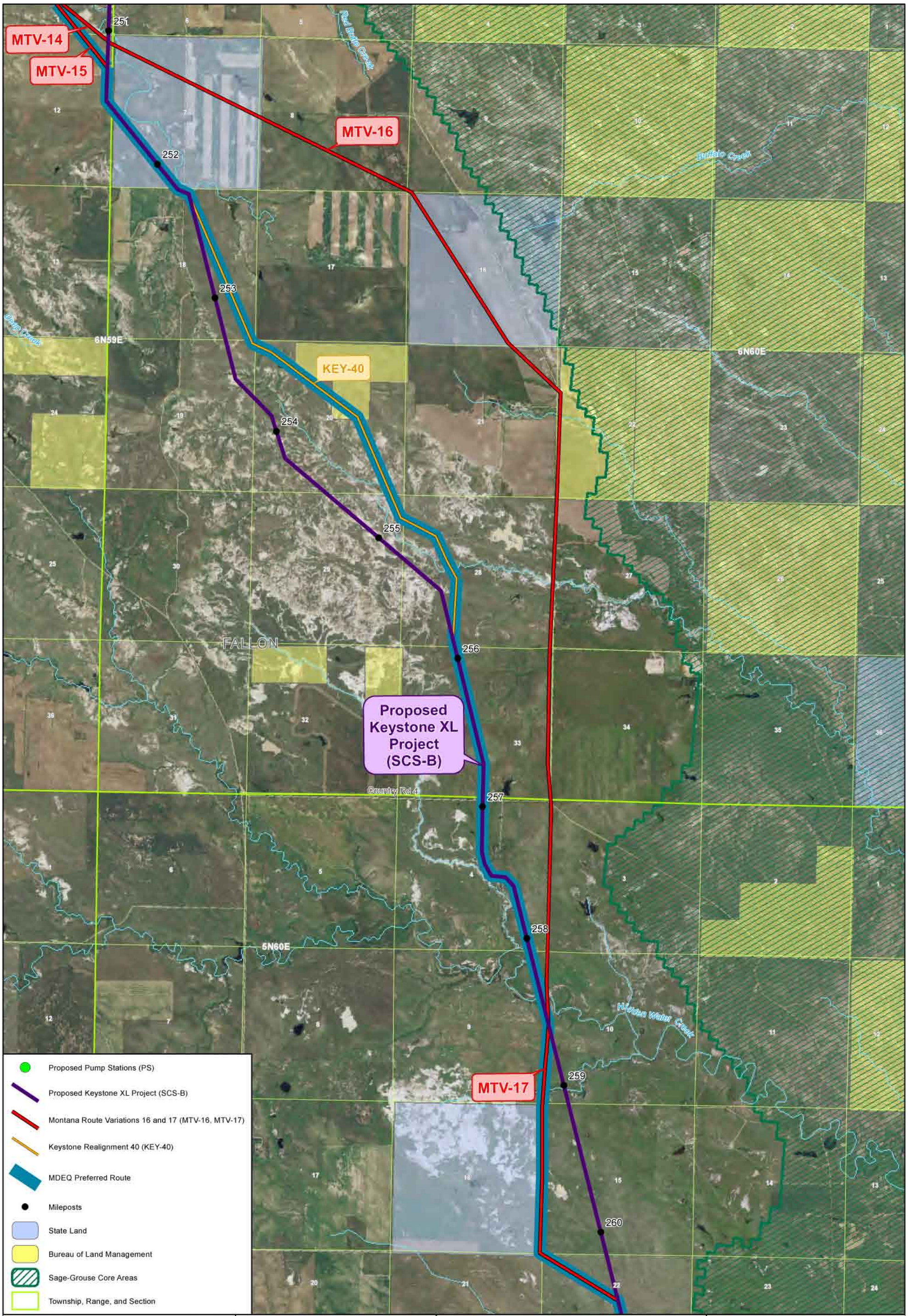


KEYSTONE XL PROJECT

Note: See Figure I-2.4.2-1 for regional location of variation

Figure I-2.4.2-12

Montana Route Variations 14 and 15 (MTV-14, MTV-15)



Data Sources: Basemap - ESRI,
Land Owner - MT Cadastral/CAMA Project,
Sage-Grouse - MFWP,
Aerial Photography - NAIP, 2009.

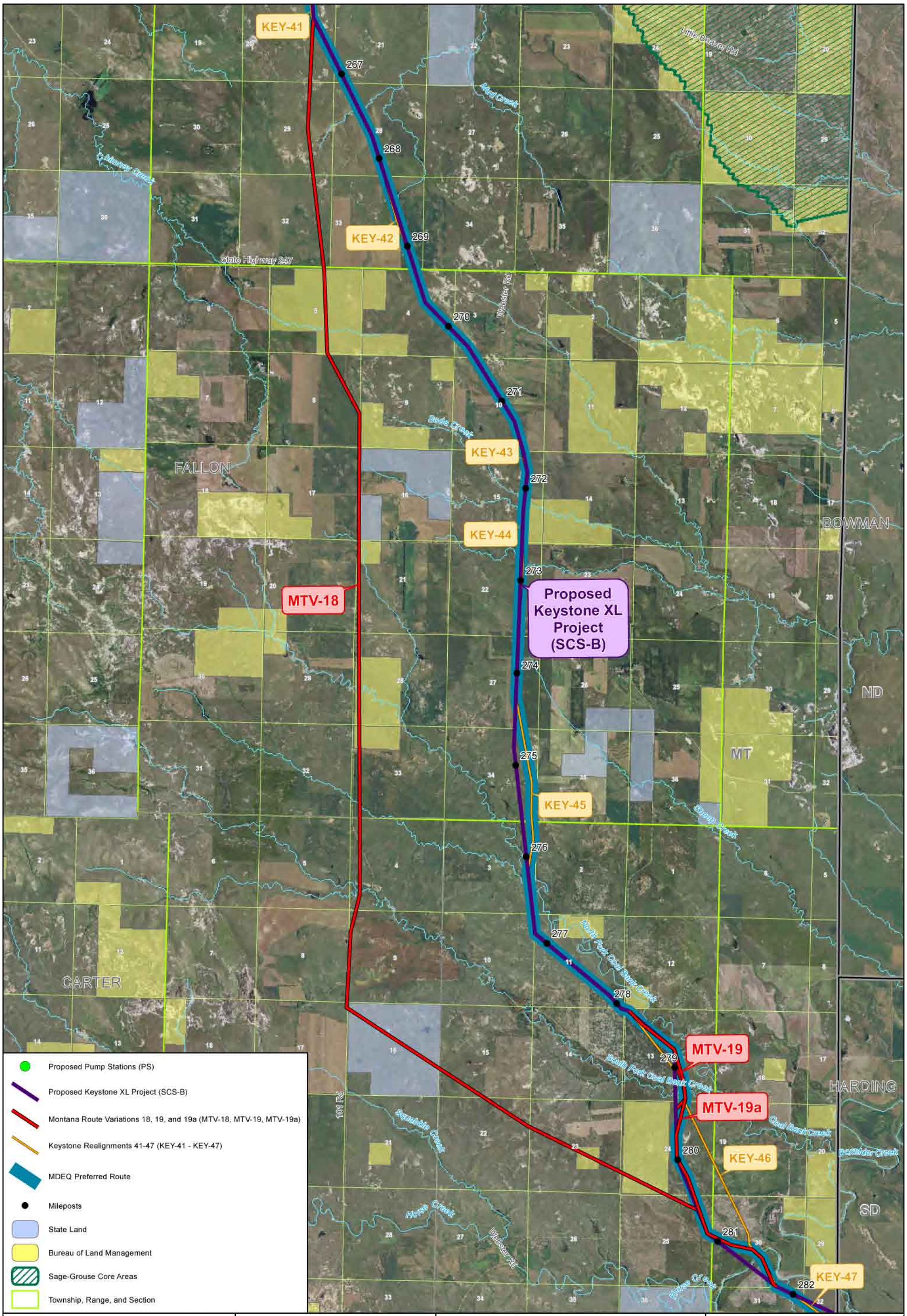
0 0.25 0.5 1 Miles

KEYSTONE XL PROJECT

Note: See Figure I-2.4.2-1 for regional location of variation

Figure I-2.4.2-13

Montana Route Variations 16 and 17 (MTV-16, MTV-17)



Data Sources: Basemap - ESRI,
Land Owner - MT Cadastral/CAMA Project,
Sage-Grouse - MFWP,
Aerial Photography - NAIP, 2009.

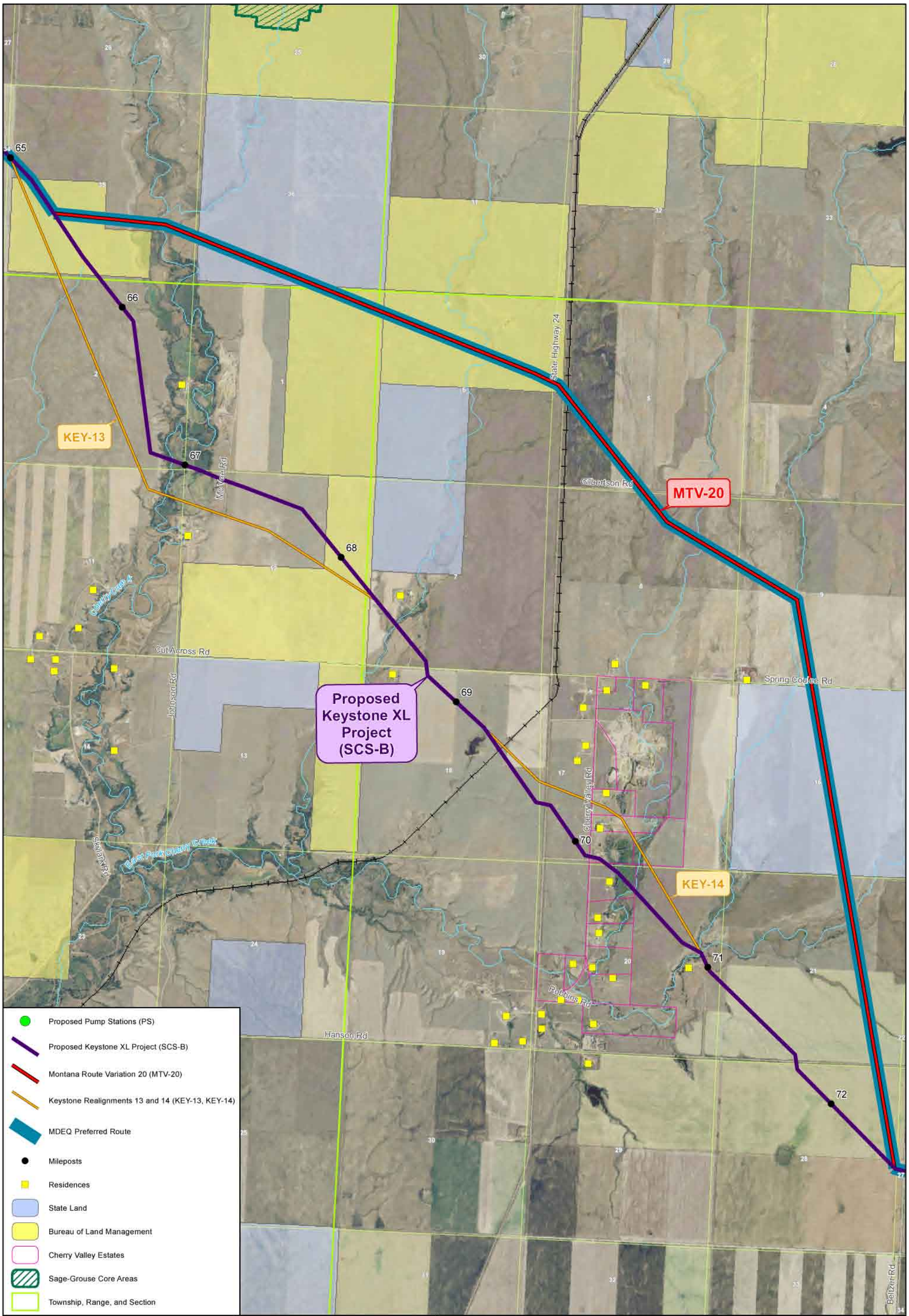
0 0.25 0.5 1 Miles

KEYSTONE XL PROJECT

Note: See Figure I-2.4.2-1 for regional location of variation

Figure I-2.4.2-14

Montana Route Variations 18, 19, and 19a (MTV-18, MTV-19, MTV-19a)



Data Sources: Basemap - ESRI,
Land Owner - MT Cadastral/CAMA Project,
Sage-Grouse - MFWP,
Aerial Photography - NAIP, 2009.

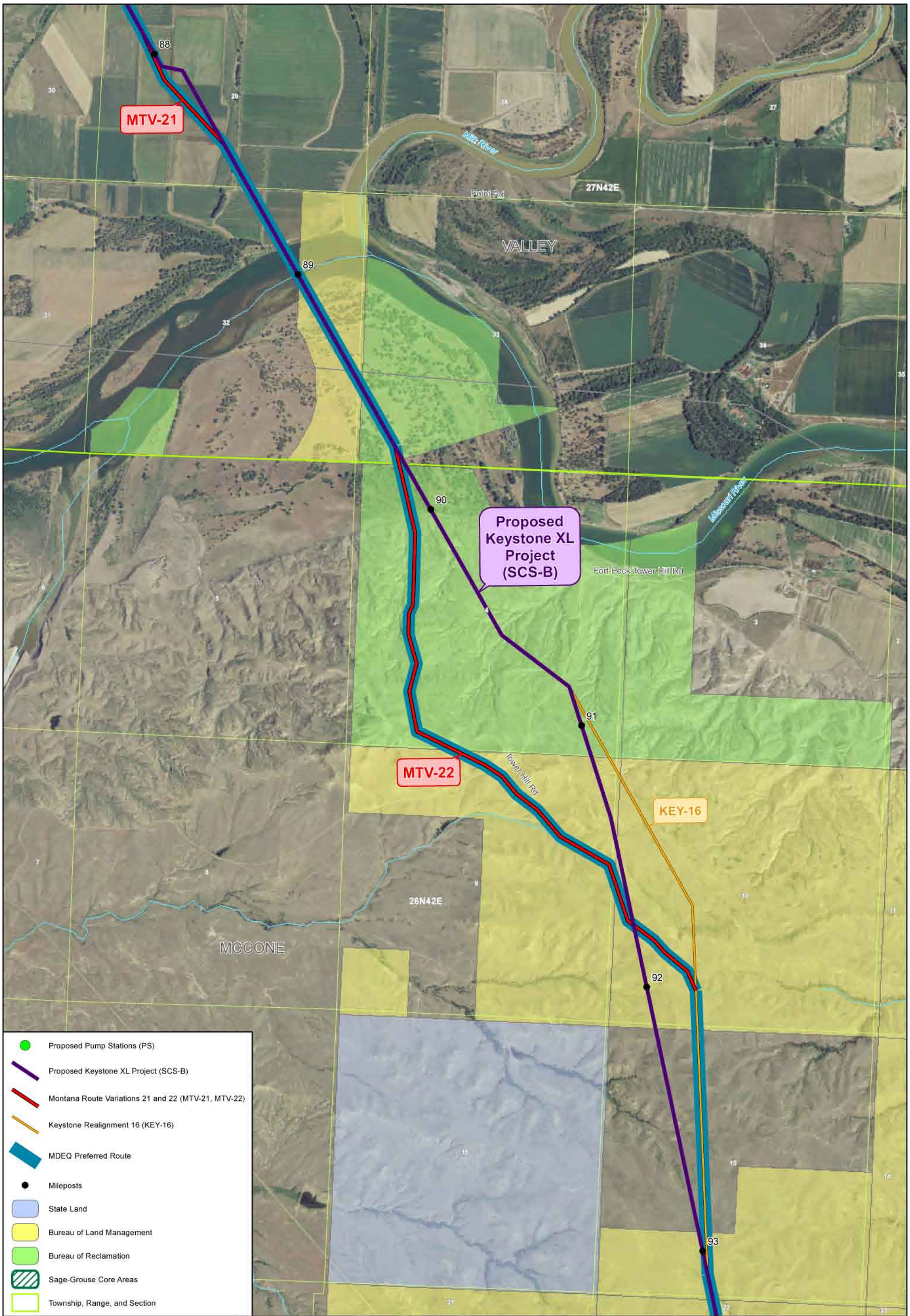
0 750 1,500 3,000 Feet

KEYSTONE XL PROJECT

Note: See Figure I-2.4.2-1 for regional location of variation

Figure I-2.4.2-15

Montana Route Variation 20 (MTV-20)



Data Sources: Basemap - ESRI,
Land Owner - MT Cadastral/CAMA Project,
Sage-Grouse - MFWP,
Aerial Photography - NAIP, 2009.

0 500 1,000 2,000 Feet

KEYSTONE XL PROJECT

Note: See Figure I-2.4.2-1 for regional location of variation

Figure I-2.4.2-16

Montana Route Variations 21 and 22 (MTV-21, MTV-22)

Data Sources: Basemap - ESRI,
Land Owner - MT Cadastral/CAMA Project,
Sage-Grouse - MFWP,
Aerial Photography - NAIP, 2009.

0 250 500 1,000 Feet

KEYSTONE XL PROJECT

Note: See Figure I-2.4.2-1 for regional location of variation

Figure I-2.4.2-17

Montana Route Variation 23 (MTV-23)

Data Sources: Basemap - ESRI,
Land Owner - MT Cadastral/CAMA Project,
Sage-Grouse - MFWP,
Aerial Photography - NAIP, 2009.

N W E S

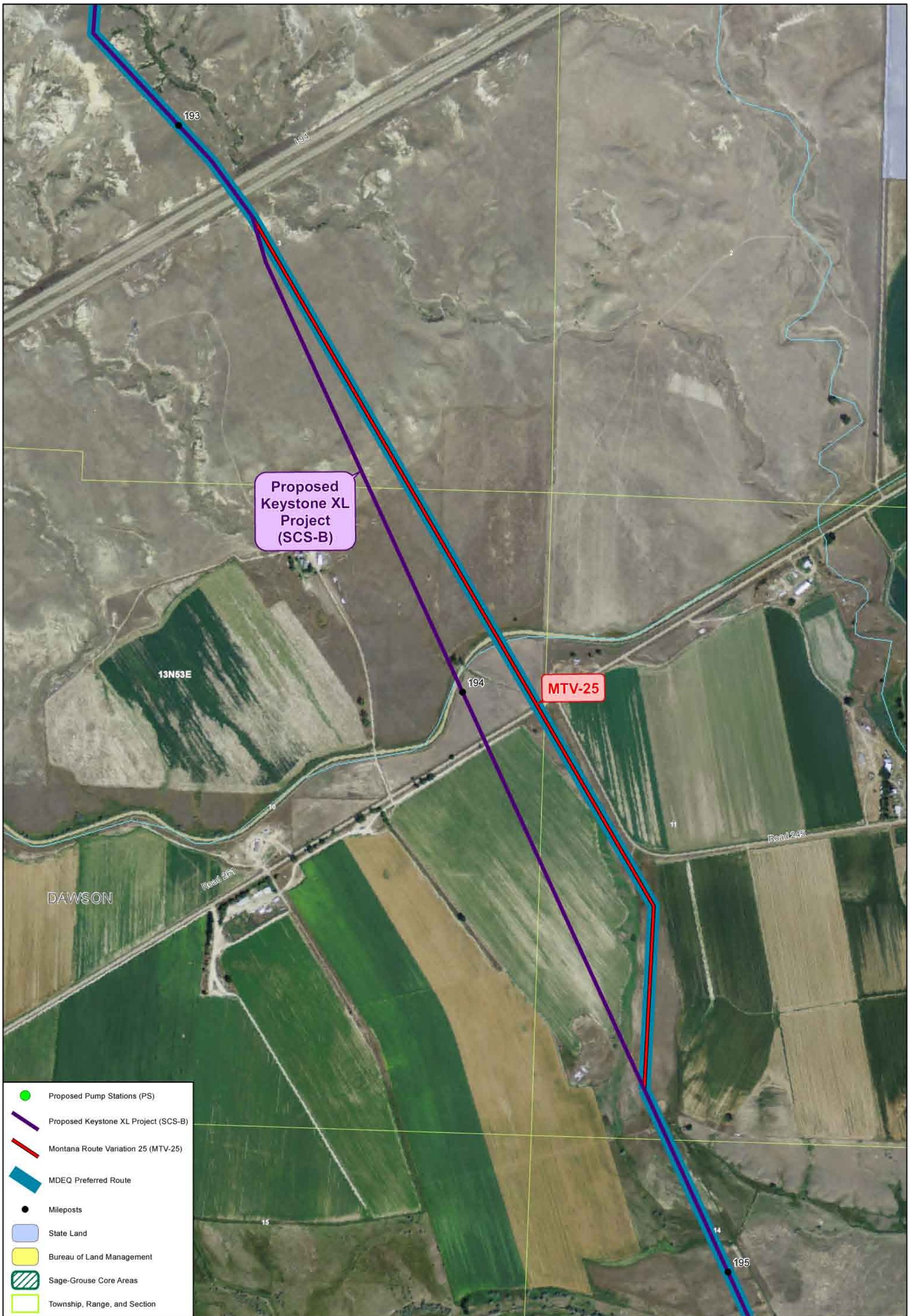
0 375 750 1,500 Feet

KEYSTONE XL PROJECT

Note: See Figure I-2.4.2-1 for regional location of variation

Figure I-2.4.2-18

Montana Route Variation 24 (MTV-24)



Data Sources: Basemap - ESRI,
Land Owner - MT Cadastral/CAMA Project,
Sage-Grouse - MFWP,
Aerial Photography - NAIP, 2009.

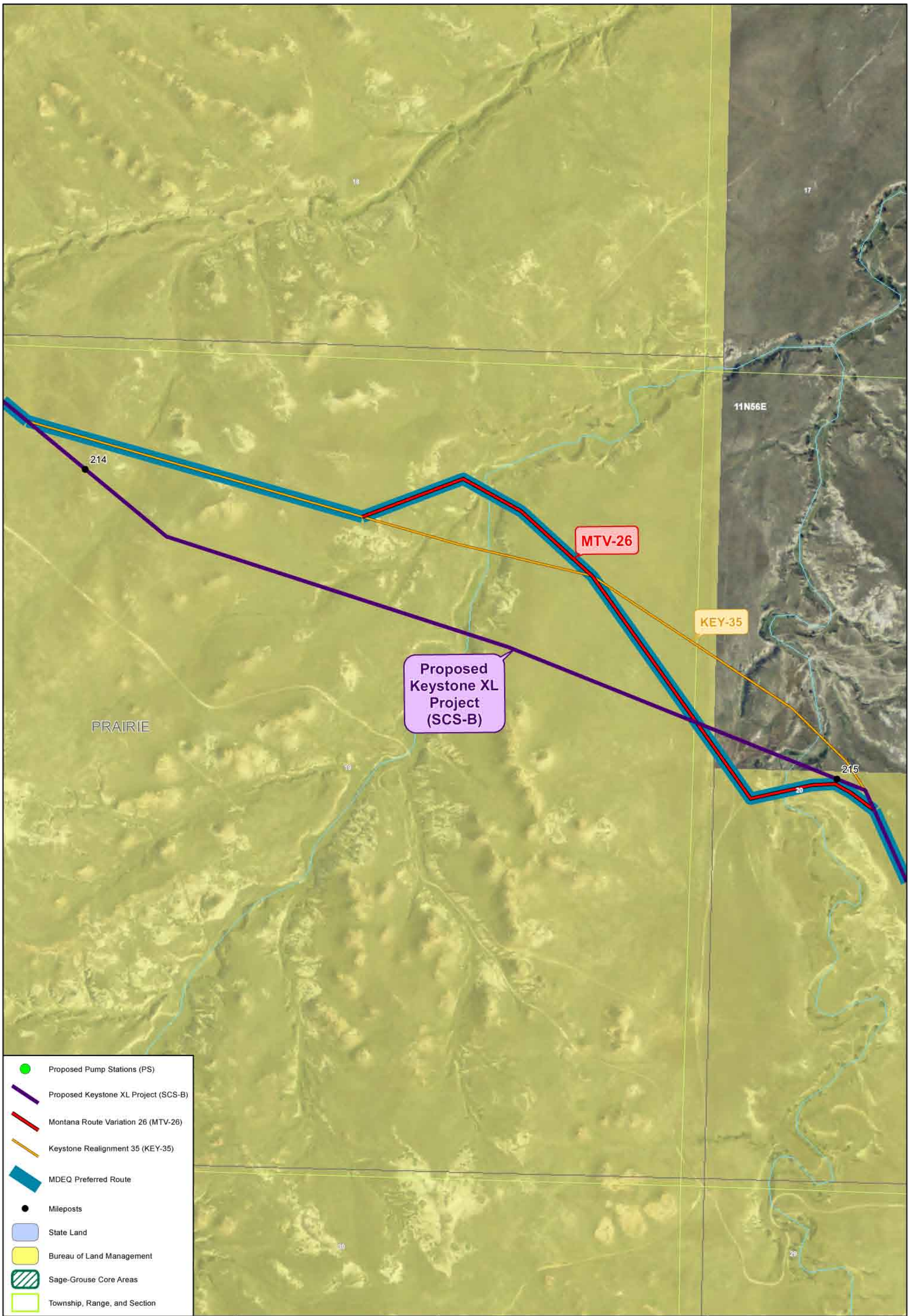
0 250 500 1,000 Feet

KEYSTONE XL PROJECT

Note: See Figure I-2.4.2-1 for regional location of variation

Figure I-2.4.2-19

Montana Route Variation 25 (MTV-25)



Data Sources: Basemap - ESRI,
Land Owner - MT Cadastral/CAMA Project,
Sage-Grouse - MFWP,
Aerial Photography - NAIP, 2009.

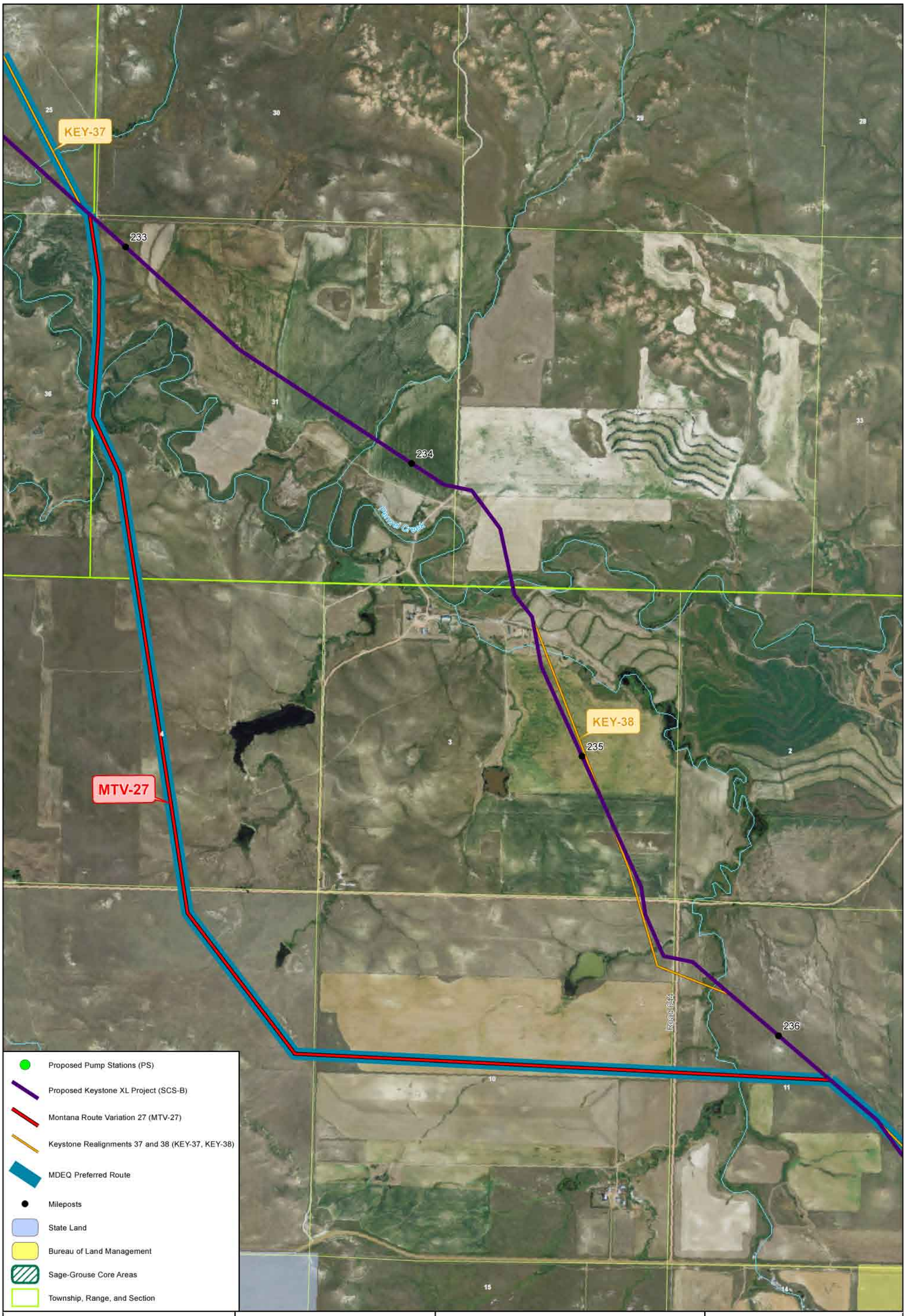
0 150 300 600 Feet

KEYSTONE XL PROJECT

Note: See Figure I-2.4.2-1 for regional location of variation

Figure I-2.4.2-20

Montana Route Variation 26 (MTV-26)



Data Sources: Basemap - ESRI,
Land Owner - MT Cadastral/CAMA Project,
Sage-Grouse - MFWP,
Aerial Photography - NAIP, 2009.

0 500 1,000 2,000 Feet

KEYSTONE XL PROJECT

Note: See Figure I-2.4.2-1 for regional location of variation

Figure I-2.4.2-21

Montana Route Variation 27 (MTV-27)

Data Sources: Basemap - ESRI,
Land Owner - MT Cadastral/CAMA Project,
Sage-Grouse - MFWP,
Aerial Photography - NAIP, 2009.

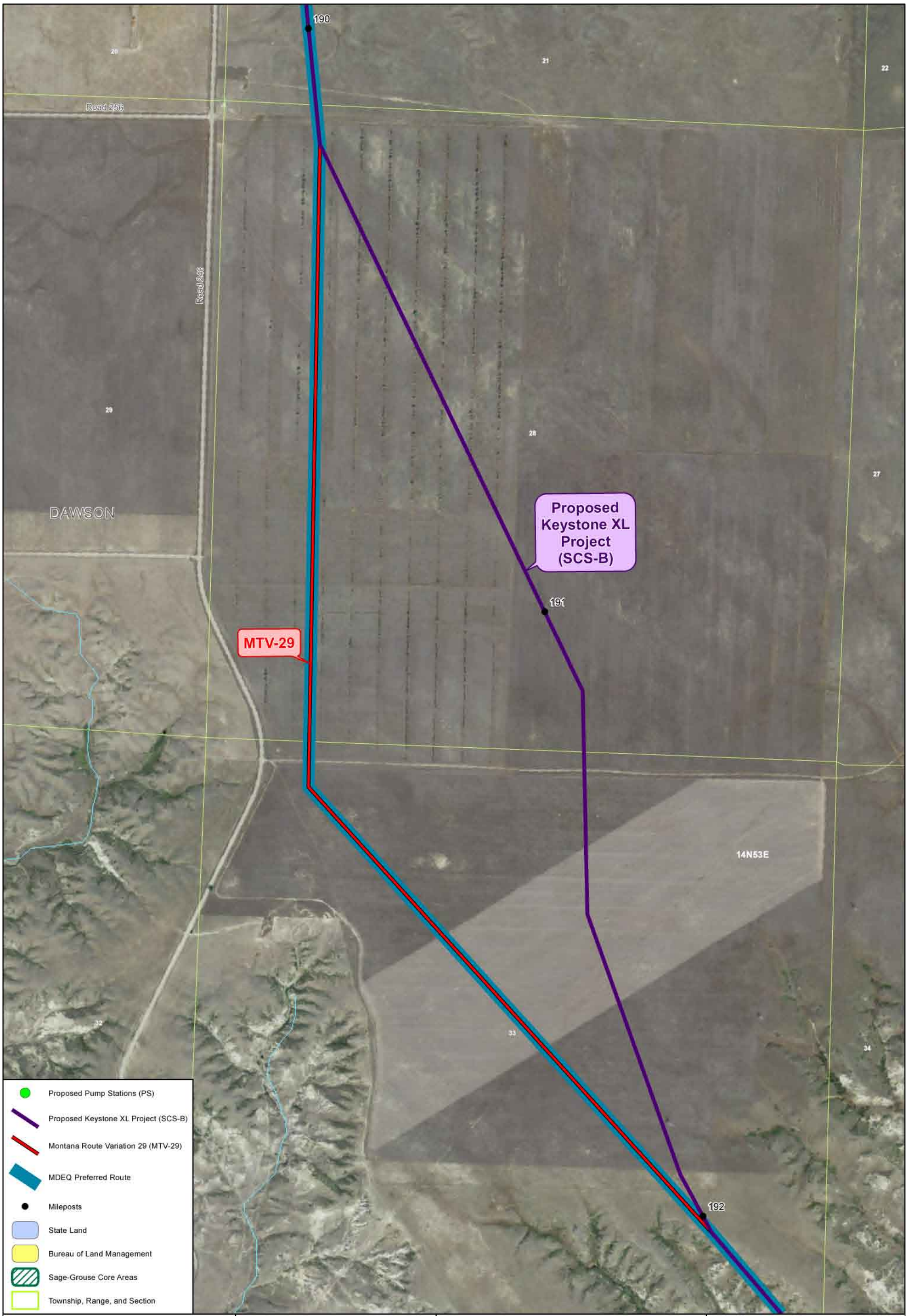
0 50 100 200 Feet

KEYSTONE XL PROJECT

Note: See Figure I-2.4.2-1 for regional location of variation

Figure I-2.4.2-22

Montana Route Variation 28 (MTV-28)



Data Sources: Basemap - ESRI,
Land Owner - MT Cadastral/CAMA Project,
Sage-Grouse - MFWP,
Aerial Photography - NAIP, 2009.

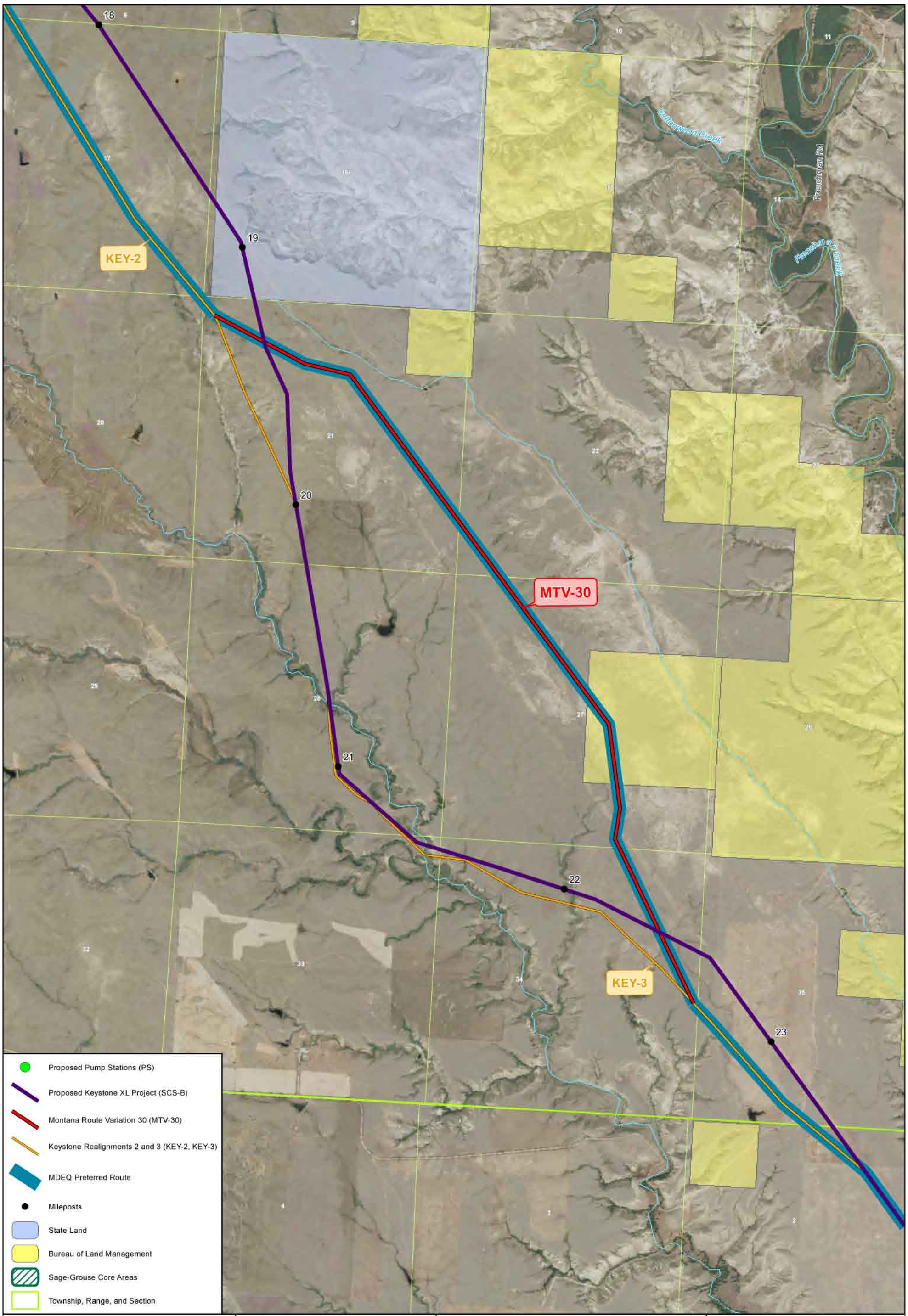
0 250 500 1,000 Feet

KEYSTONE XL PROJECT

Note: See Figure I-2.4.2-1 for regional location of variation

Figure I-2.4.2-23

Montana Route Variation 29 (MTV-29)



Data Sources: Basemap - ESRI,
Land Owner - MT Cadastral/CAMA Project,
Sage-Grouse - MFWP,
Aerial Photography - NAIP, 2009.

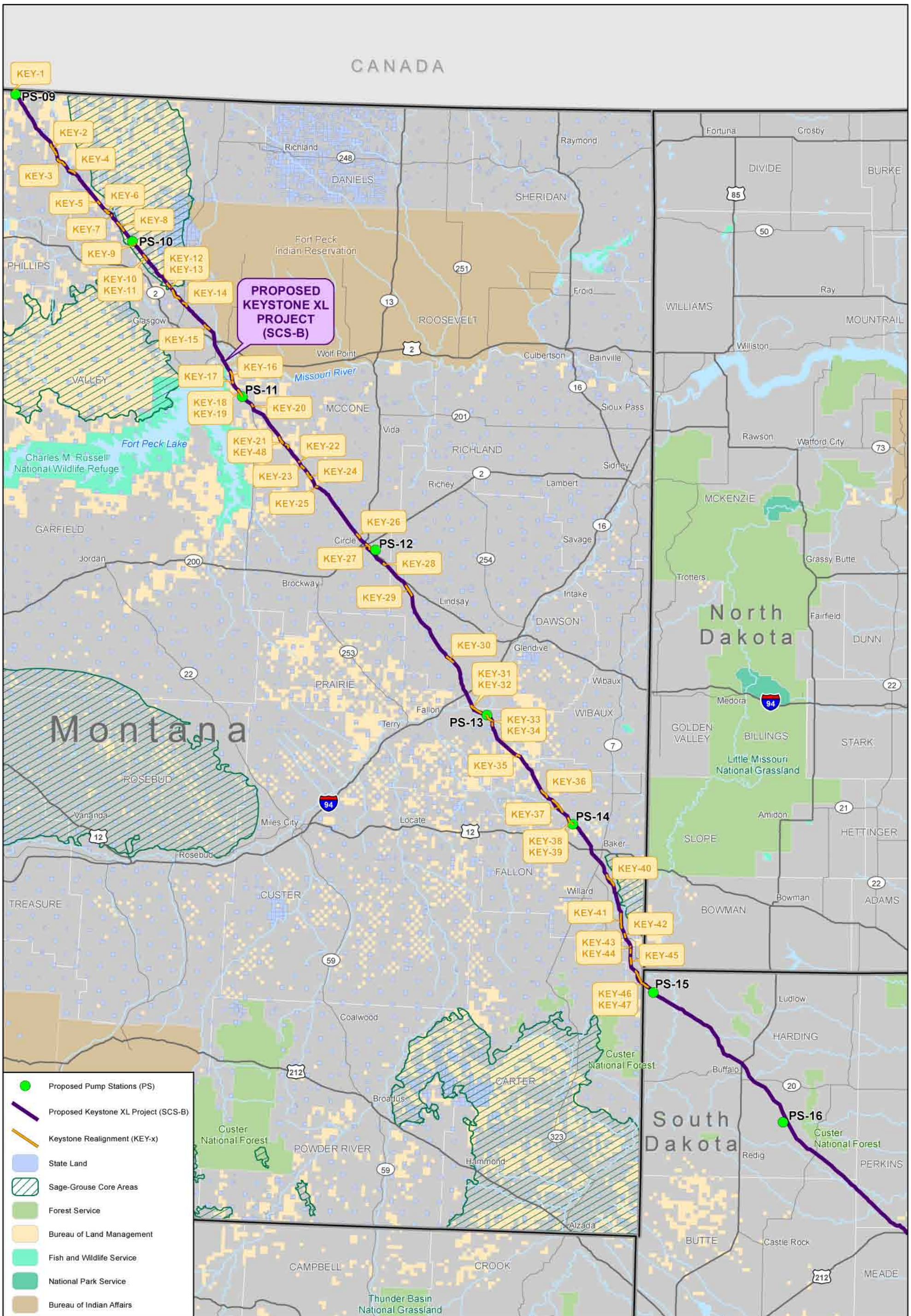
0 500 1,000 2,000 Feet

KEYSTONE XL PROJECT

Note: See Figure I-2.4.2-1 for regional location of variation

Figure I-2.4.2-24

Montana Route Variation 30 (MTV-30)



KEYSTONE XL PROJECT

Note: See Figures I-2.4.3-2 through I-2.4.3-24 for additional details

Figure I-2.4.3-1

Keystone Realignments

Data Sources: Basemap - ESRI,
Land Owner - MT Cadastral/CAMA Project,
Sage-Grouse - MFWP,
Aerial Photography - NAIP, 2009.

N W E S

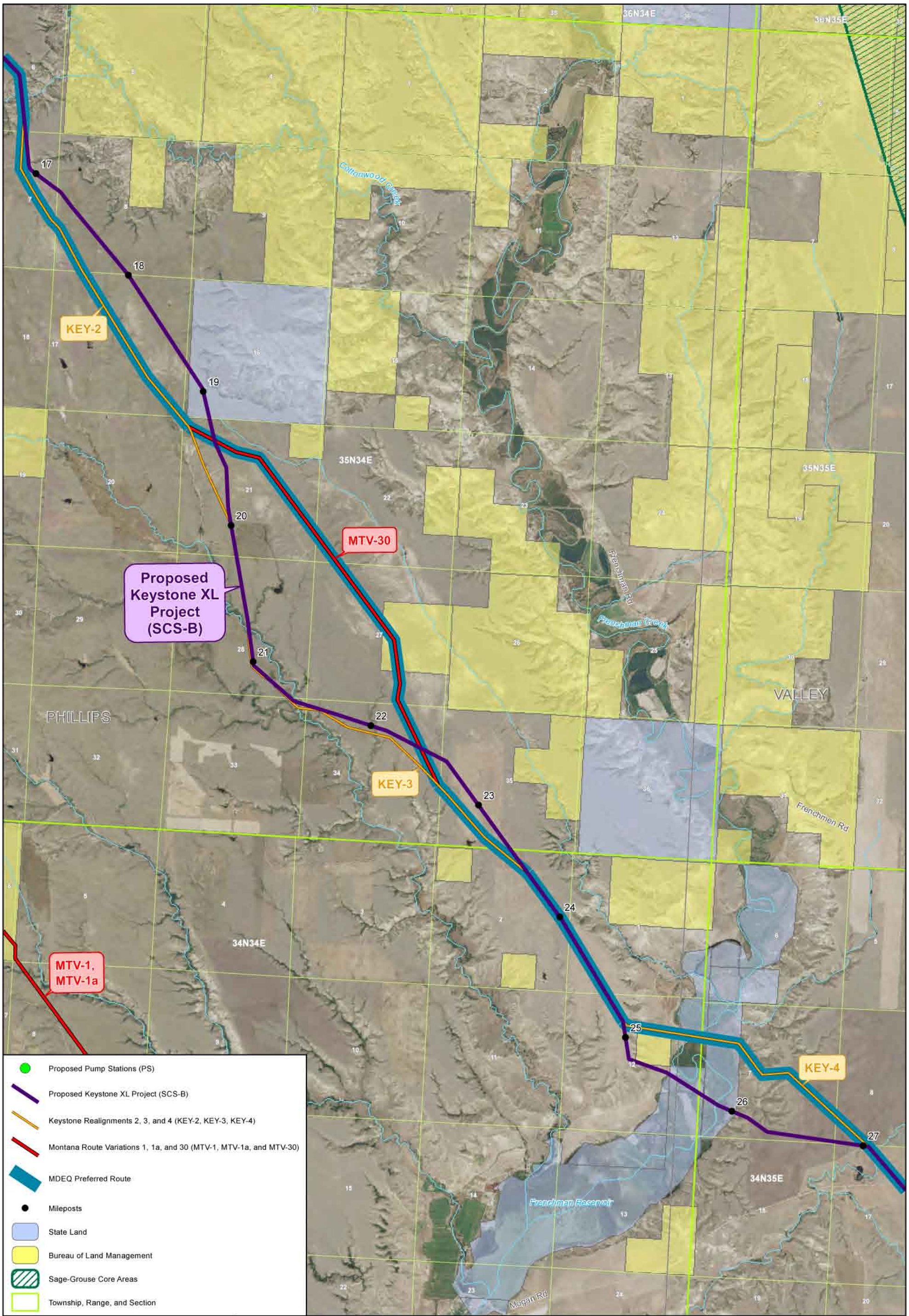
0 50 100 200 Feet

KEYSTONE XL PROJECT

Note: See Figure I-2.4.3-1 for regional location of realignment

Figure I-2.4.3-2

Keystone Realignment 1 (KEY-1)



Data Sources: Basemap - ESRI,
Land Owner - MT Cadastral/CAMA Project,
Sage-Grouse - MFWP,
Aerial Photography - NAIP, 2009.

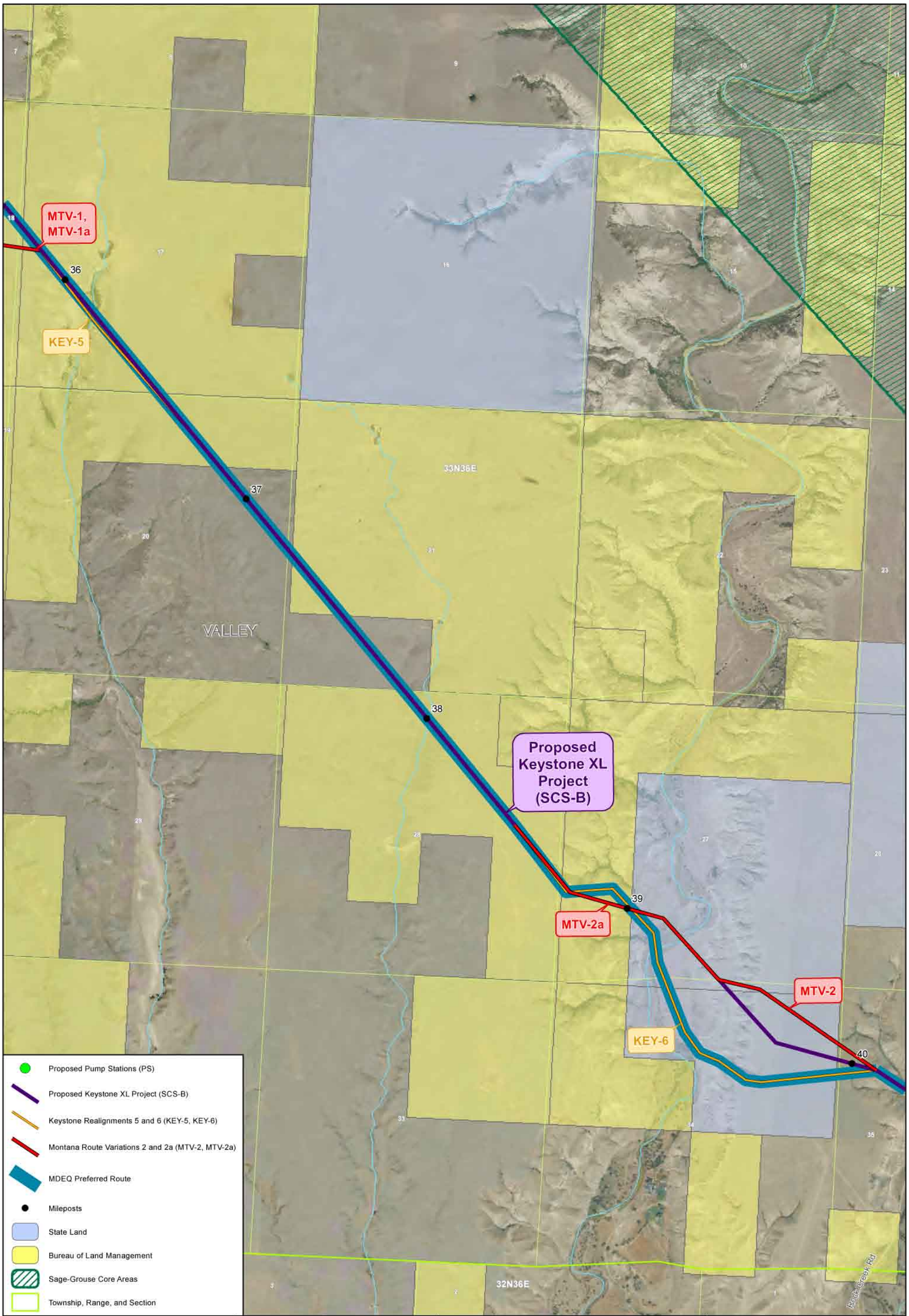
0 1,250 2,500 5,000 Feet

KEYSTONE XL PROJECT

Note: See Figure I-2.4.3-1 for regional location of realignment

Figure I-2.4.3-3

Keystone Realignments 2, 3, and 4 (KEY-2, KEY-3, KEY-4)



Data Sources: Basemap - ESRI,
Land Owner - MT Cadastral/CAMA Project,
Sage-Grouse - MFWP,
Aerial Photography - NAIP, 2009.

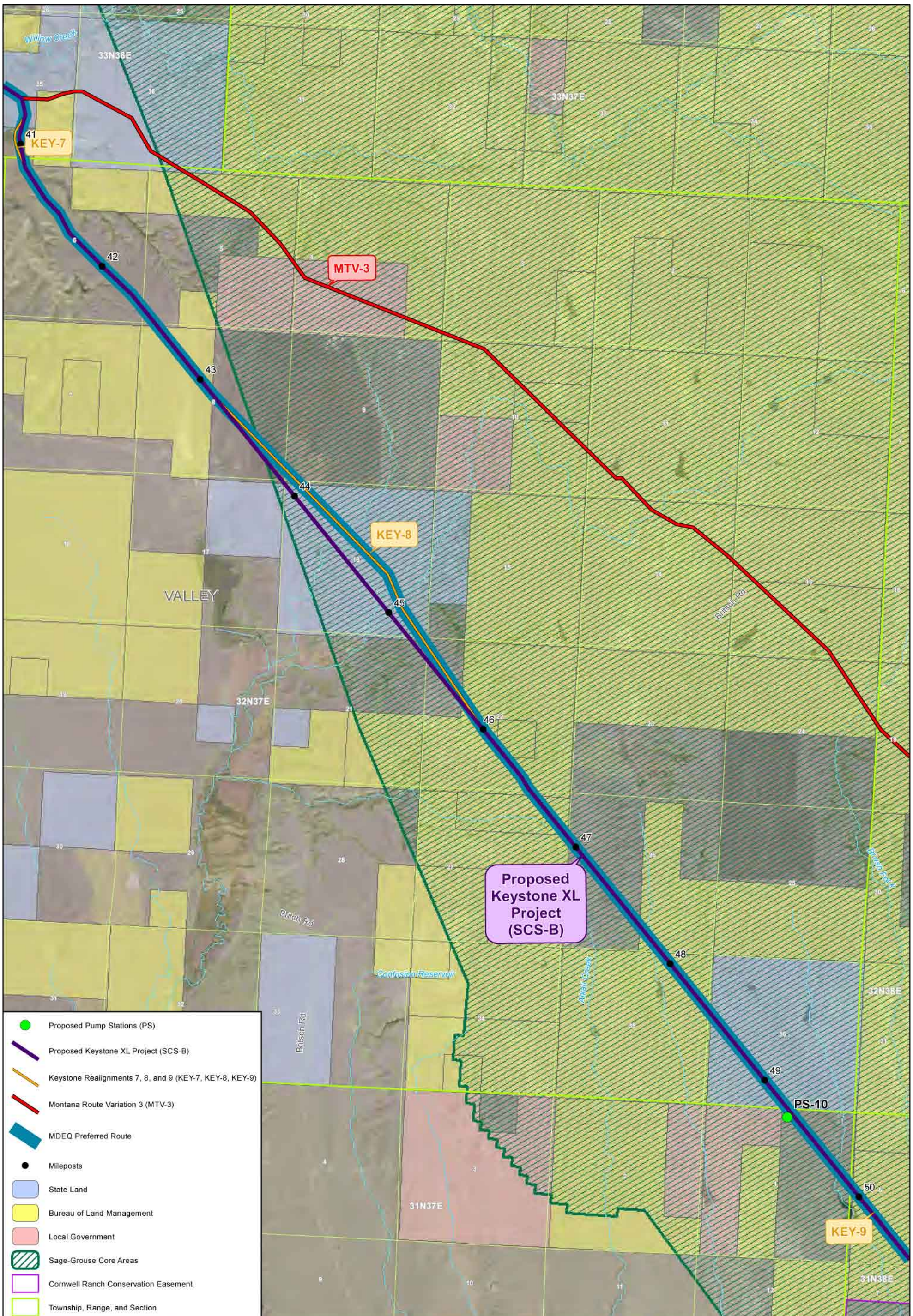
0 500 1,000 2,000 Feet

KEYSTONE XL PROJECT

Note: See Figure I-2.4.3-1 for regional location of realignment

Figure I-2.4.3-4

Keystone Realignments 5 and 6 (KEY-5, KEY-6)



Data Sources: Basemap - ESRI,
Land Owner - MT Cadastral/CAMA Project,
Sage-Grouse - MFWP,
Aerial Photography - NAIP, 2009,
Cornwell Ranch Conservation Easement - NC.

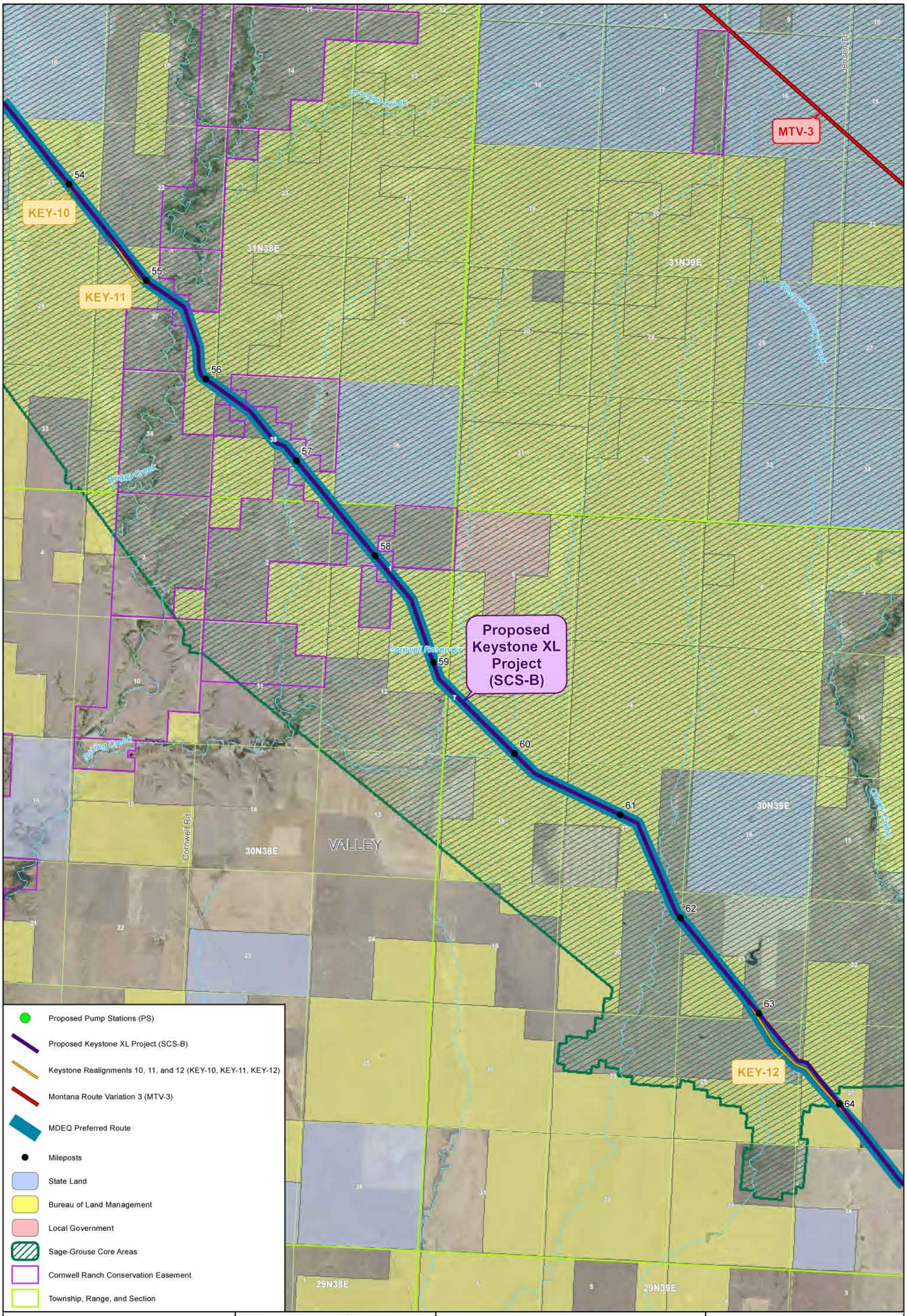
0 1,0002,000 4,000 Feet

KEYSTONE XL PROJECT

Note: See Figure I-2.4.3-1 for regional location of realignment

Figure I-2.4.3-5

Keystone Realignments 7, 8, and 9 (KEY-7, KEY-8, KEY-9)



Data Sources: Basemap - ESRI,
Land Owner - MT Cadastral/CAMA Project,
Sage-Grouse - MFWP,
Aerial Photography - NAIP, 2009,
Cornwell Ranch Conservation Easement - NC.

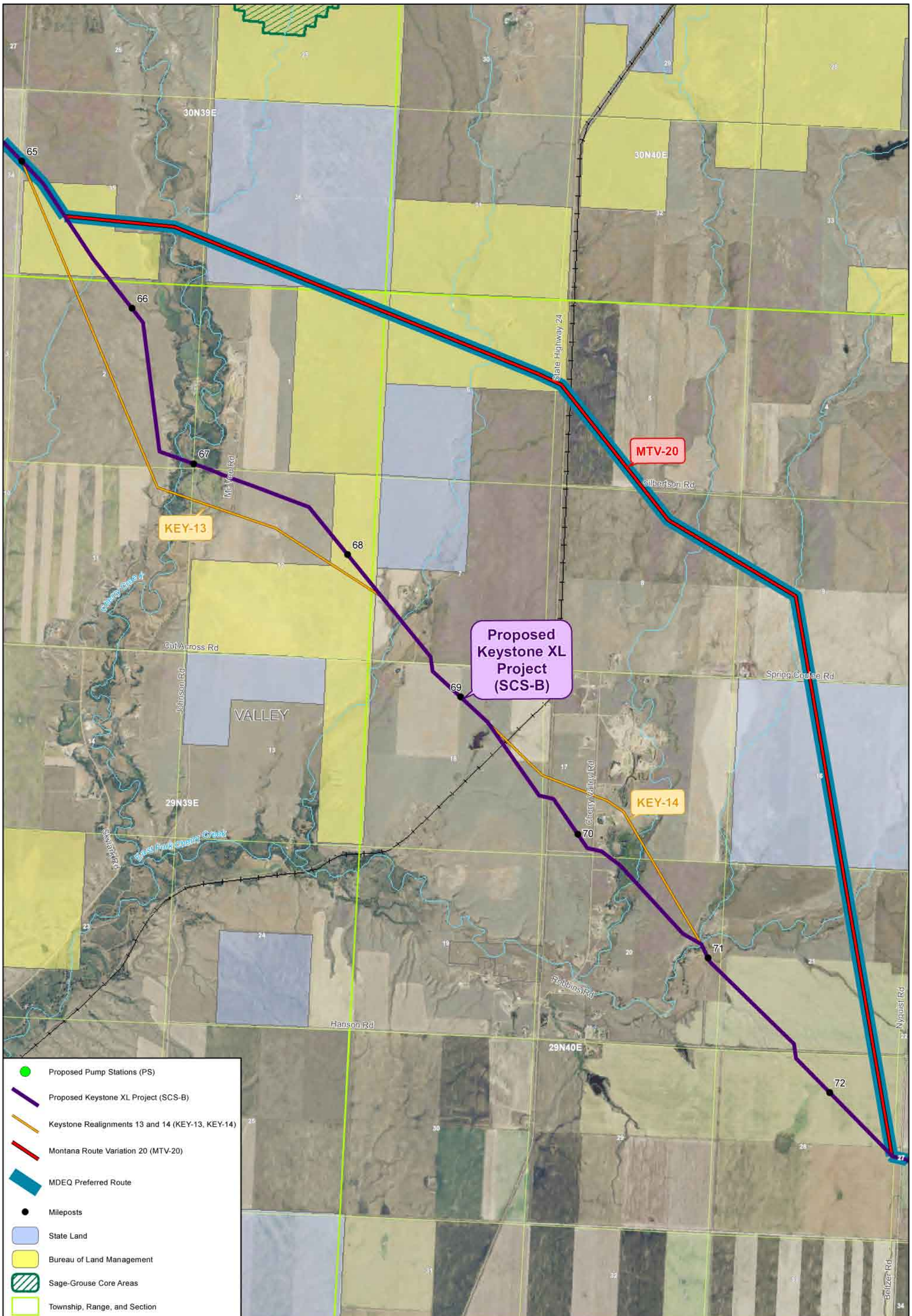
0 1,500 3,000 6,000 Feet

KEYSTONE XL PROJECT

Note: See Figure I-2.4.3-1 for regional location of realignment

Figure I-2.4.3-6

Keystone Realignments 10, 11, and 12 (KEY-10, KEY-11, KEY-12)



Data Sources: Basemap - ESRI,
Land Owner - MT Cadastral/CAMA Project,
Sage-Grouse - MFWP,
Aerial Photography - NAIP, 2009.

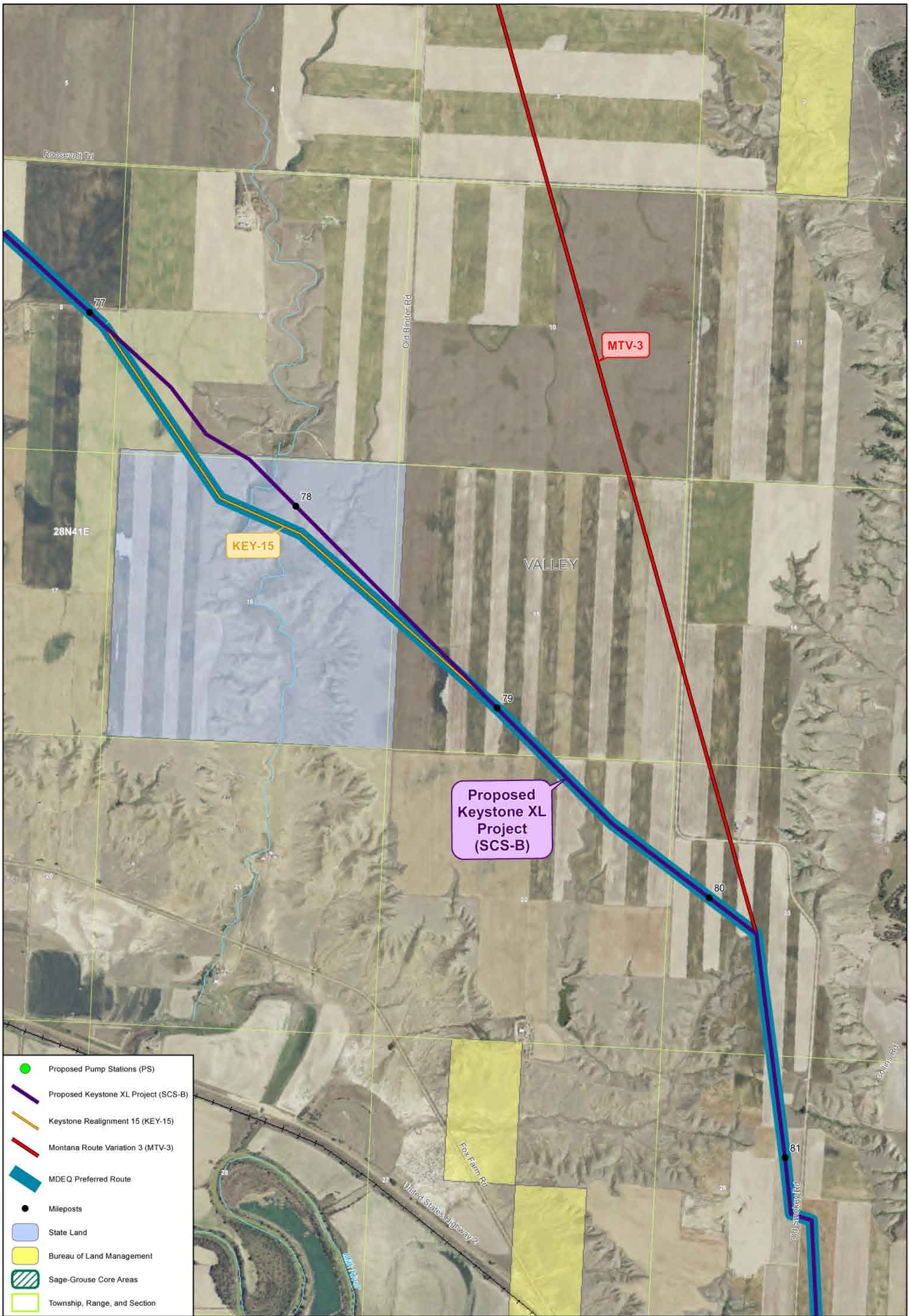
0 750 1,500 3,000 Feet

KEYSTONE XL PROJECT

Note: See Figure I-2.4.3-1 for regional location of realignment

Figure I-2.4.3-7

Keystone Realignments 13 and 14 (KEY-13, KEY-14)



Data Sources: Basemap - ESRI,
Land Owner - MT Cadastral/CAMA Project,
Sage-Grouse - MFWP,
Aerial Photography - NAIP, 2009.

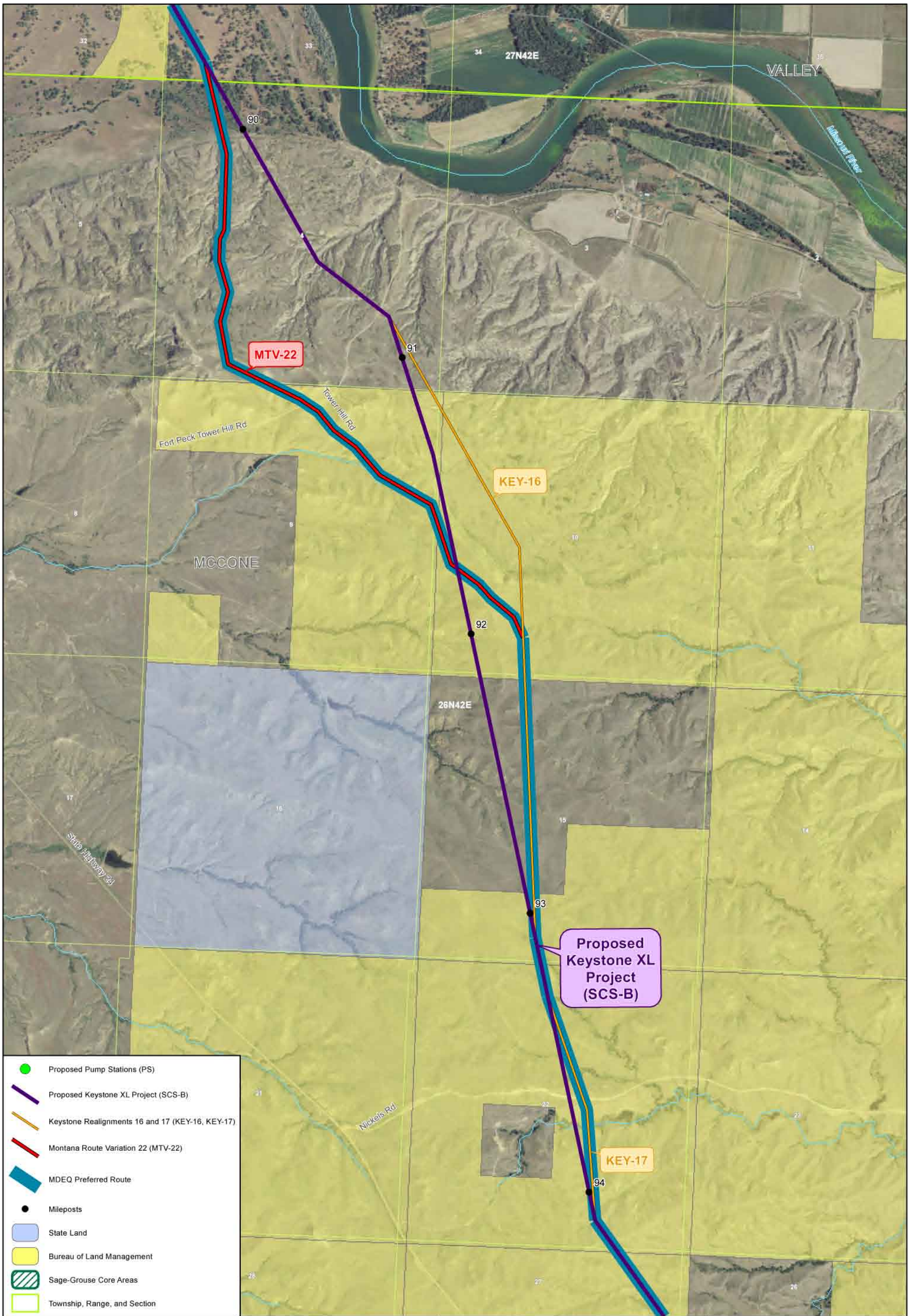
0 500 1,000 2,000 Feet

KEYSTONE XL PROJECT

Note: See Figure I-2.4.3-1 for regional location of realignment

Figure I-2.4.3-8

Keystone Realignment 15 (KEY-15)



Data Sources: Basemap - ESRI,
Land Owner - MT Cadastral/CAMA Project,
Sage-Grouse - MFWP,
Aerial Photography - NAIP, 2009.

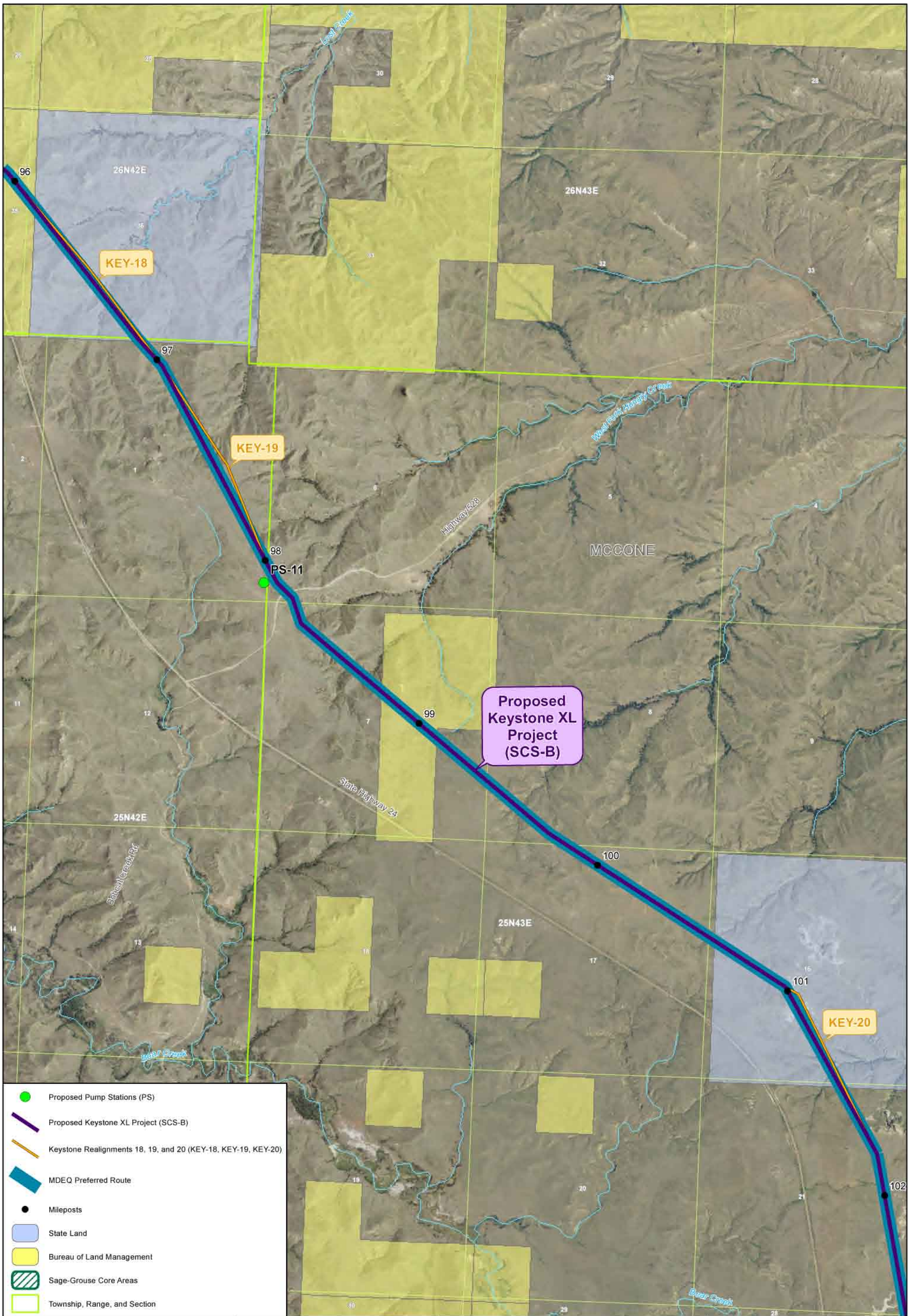
0 500 1,000 2,000 Feet

KEYSTONE XL PROJECT

Note: See Figure I-2.4.3-1 for regional location of realignment

Figure I-2.4.3-9

Keystone Realignments 16 and 17 (KEY-16, KEY-17)



Data Sources: Basemap - ESRI,
Land Owner - MT Cadastral/CAMA Project,
Sage-Grouse - MFWP,
Aerial Photography - NAIP, 2009.

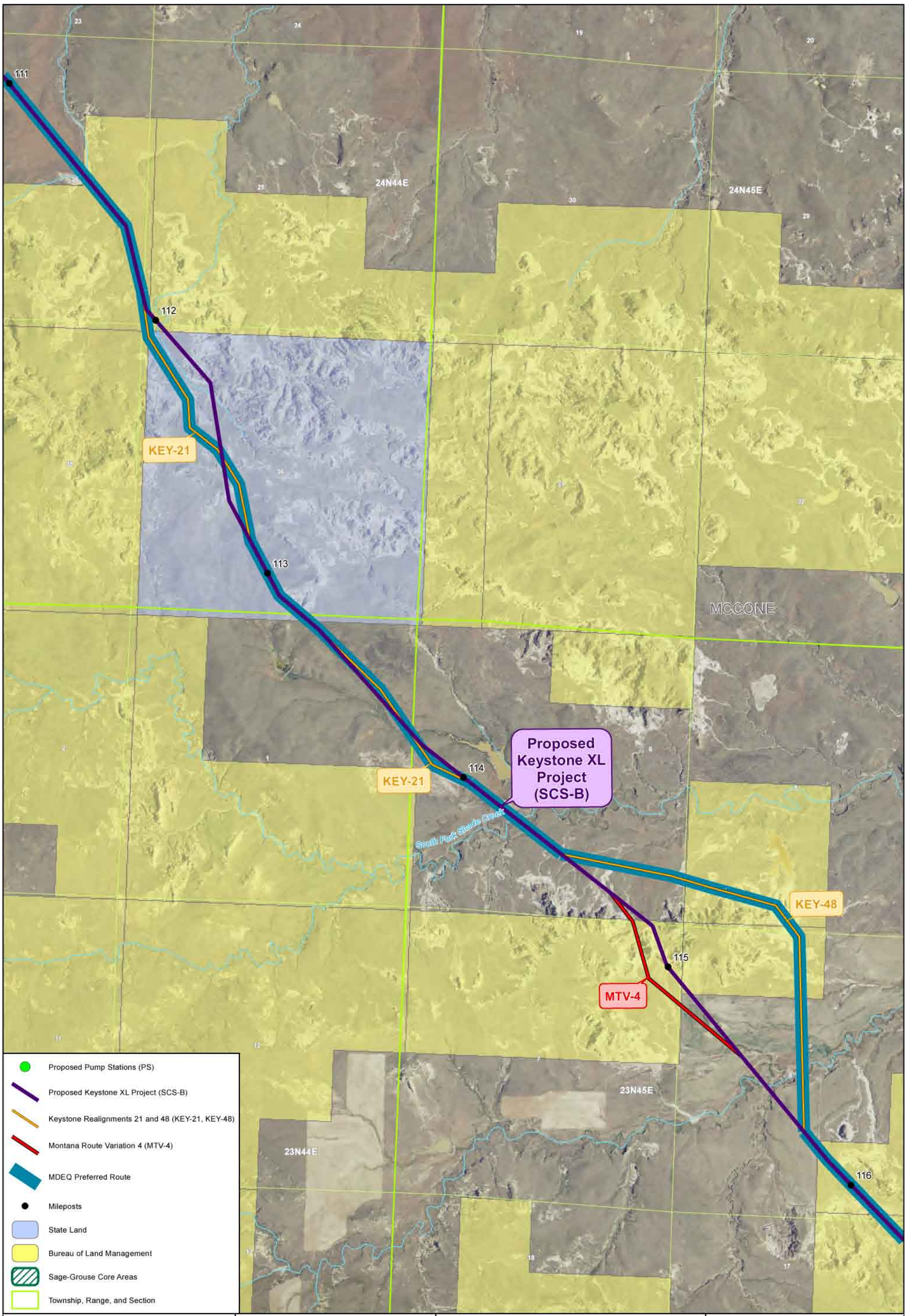
0 750 1,500 3,000 Feet

KEYSTONE XL PROJECT

Note: See Figure I-2.4.3-1 for regional location of realignment

Figure I-2.4.3-10

Keystone Realignments 18, 19, and 20 (KEY-18, KEY-19, KEY-20)



Data Sources: Basemap - ESRI,
Land Owner - MT Cadastral/CAMA Project,
Sage-Grouse - MFWP,
Aerial Photography - NAIP, 2009.

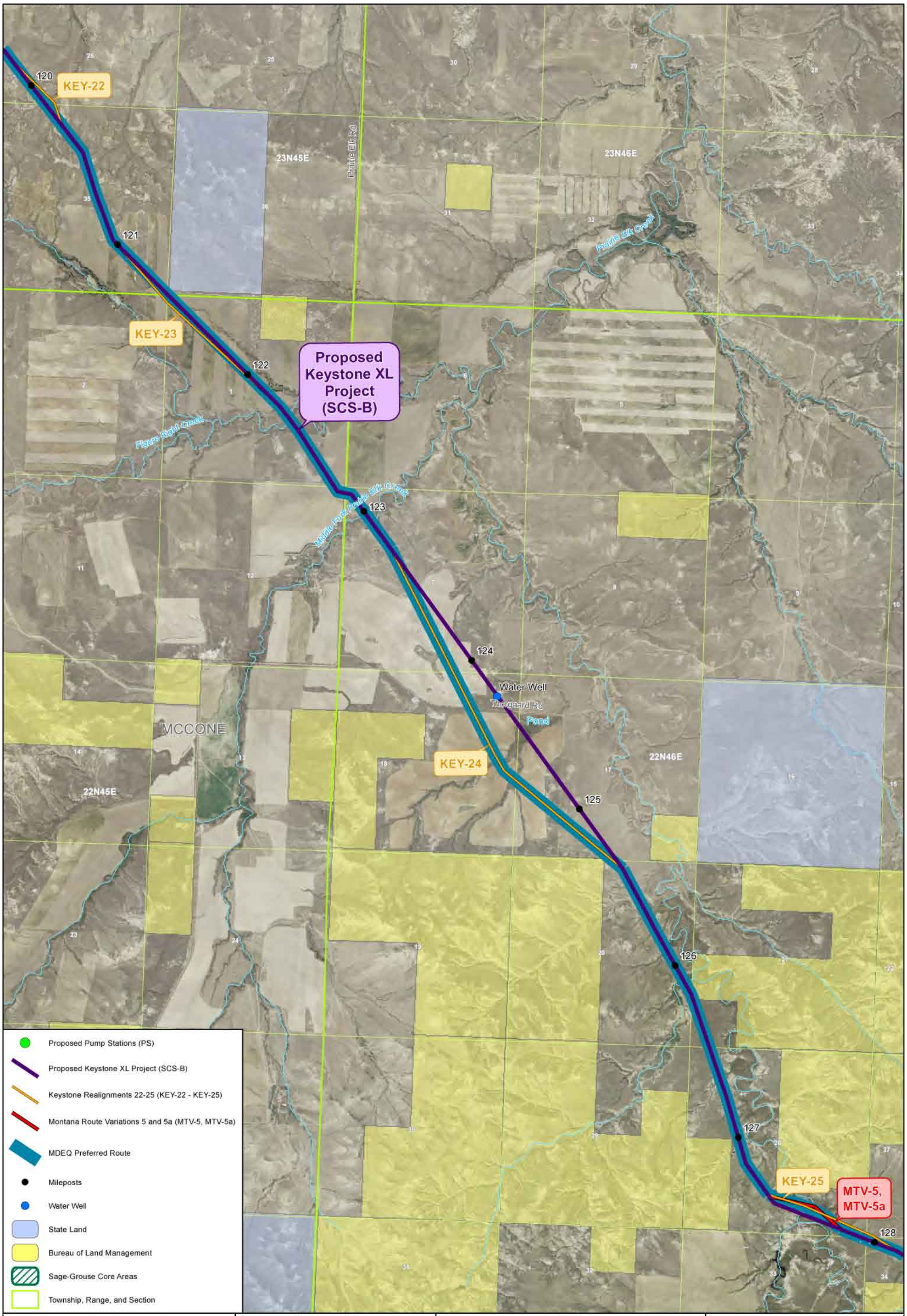
0 500 1,000 2,000 Feet

KEYSTONE XL PROJECT

Note: See Figure I-2.4.3-1 for regional location of realignment

Figure I-2.4.3-11

Keystone Realignments 21 and 48 (KEY-21, KEY-48)



Data Sources: Basemap - ESRI,
Land Owner - MT Cadastral/CAMA Project,
Sage-Grouse - MFWP,
Aerial Photography - NAIP, 2009.

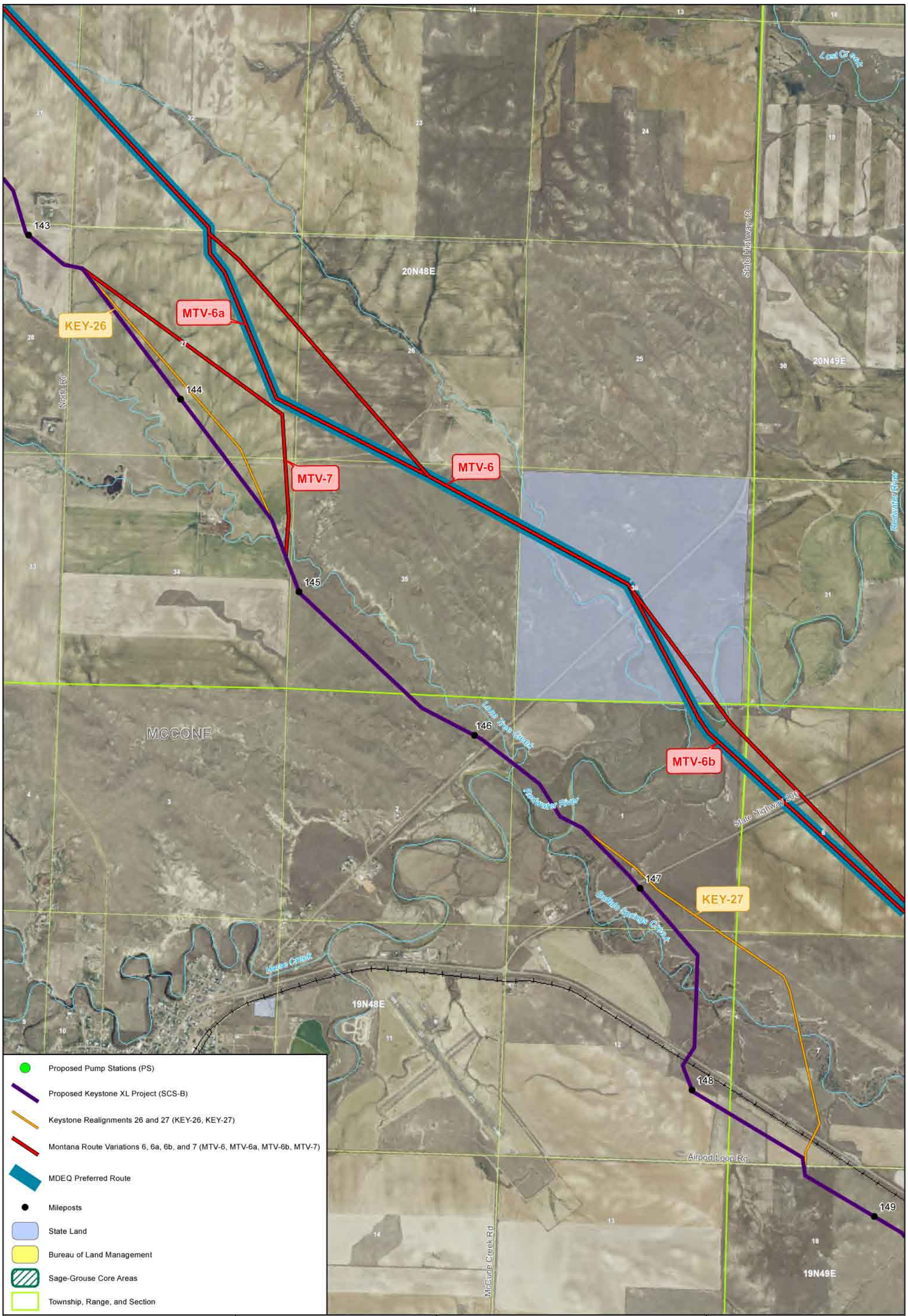
0 750 1,500 3,000 Feet

KEYSTONE XL PROJECT

Note: See Figure I-2.4.3-1 for regional location of realignment

Figure I-2.4.3-12

Keystone Realignments 22-25 (KEY-22 - KEY-25)



Data Sources: Basemap - ESRI,
Land Owner - MT Cadastral/CAMA Project,
Sage-Grouse - MFWP,
Aerial Photography - NAIP, 2009.

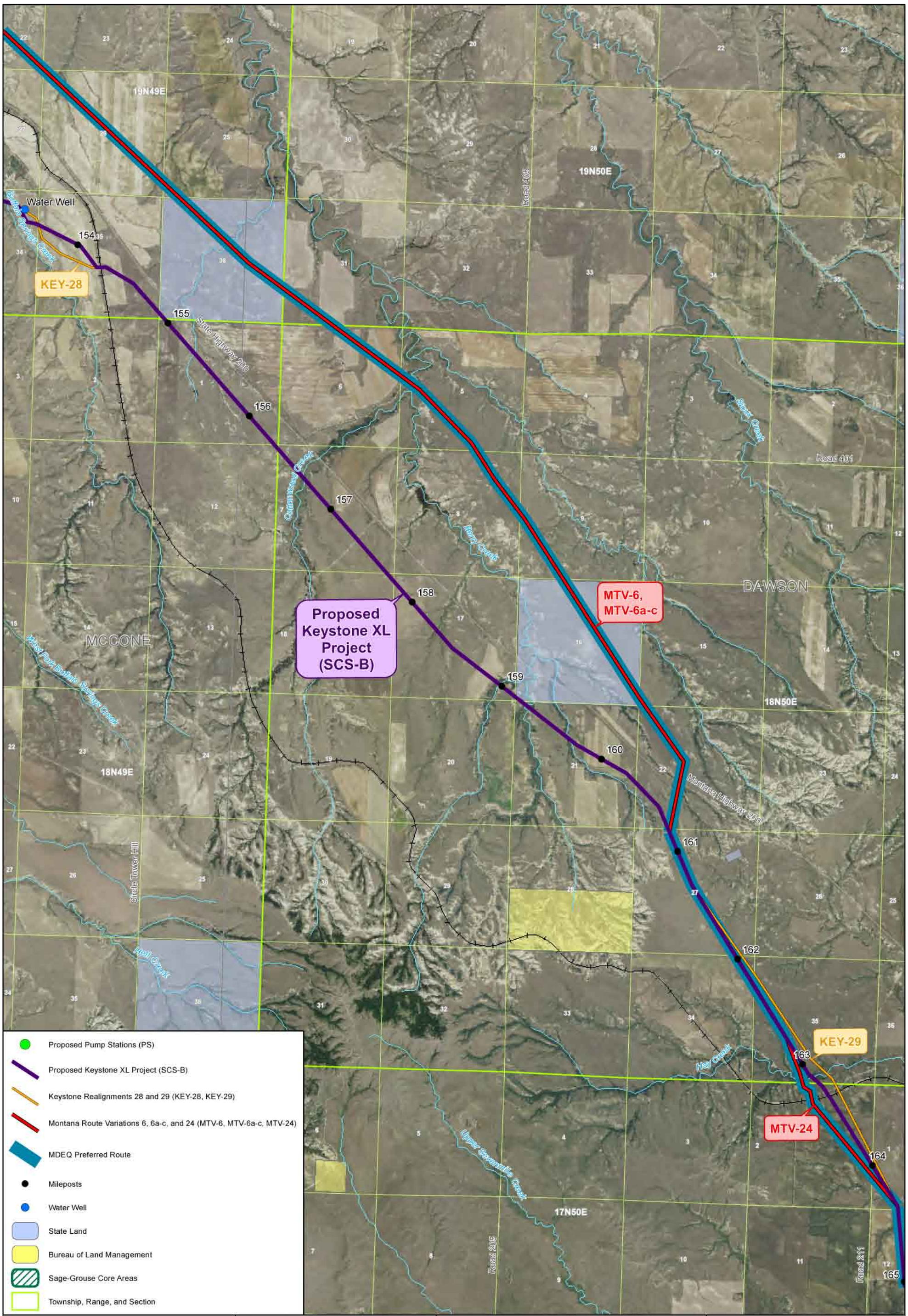
0 750 1,500 3,000 Feet

KEYSTONE XL PROJECT

Note: See Figure I-2.4.3-1 for regional location of realignment

Figure I-2.4.3-13

Keystone Realignments 26 and 27 (KEY-26, KEY-27)



Data Sources: Basemap - ESRI,
Land Owner - MT Cadastral/CAMA Project,
Sage-Grouse - MFWP,
Aerial Photography - NAIP, 2009.

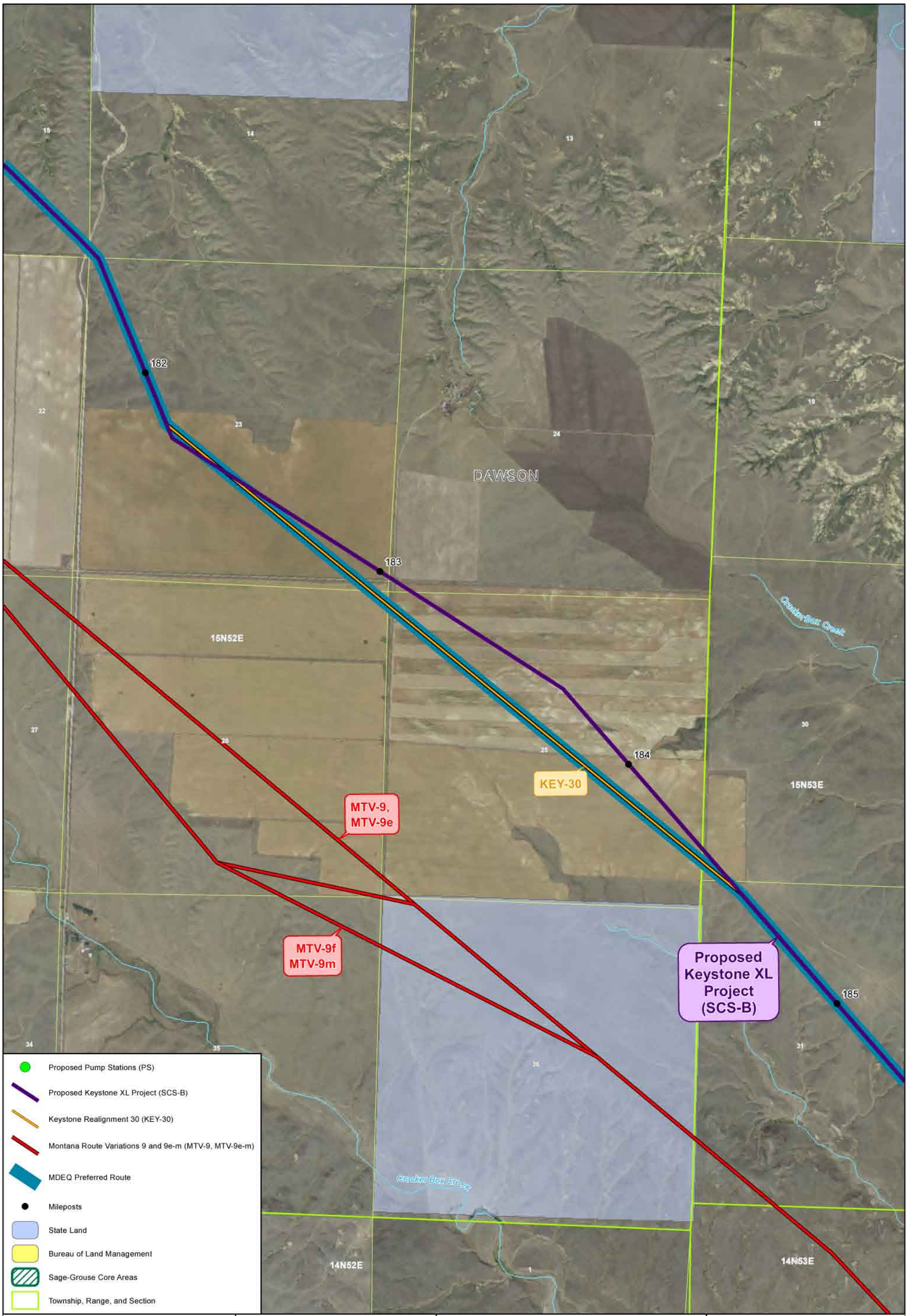
0 1,250 2,500 5,000 Feet

KEYSTONE XL PROJECT

Note: See Figure I-2.4.3-1 for regional location of realignment

Figure I-2.4.3-14

Keystone Realignments 28 and 29 (KEY-28, KEY-29)



Data Sources: Basemap - ESRI,
Land Owner - MT Cadastral/CAMA Project,
Sage-Grouse - MFWP,
Aerial Photography - NAIP, 2009.

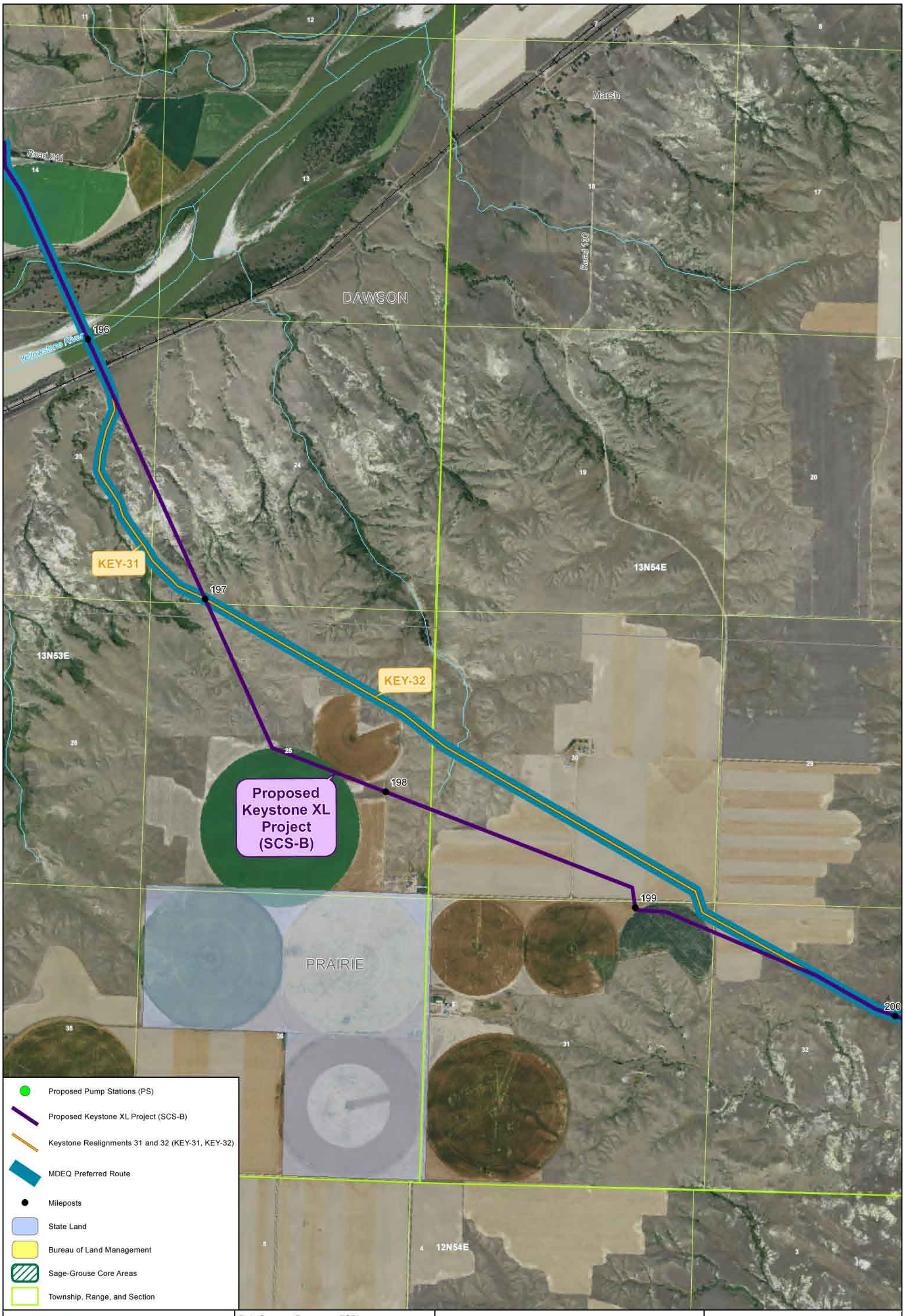
0 500 1,000 2,000 Feet

KEYSTONE XL PROJECT

Note: See Figure I-2.4.3-1 for regional location of realignment

Figure I-2.4.3-15

Keystone Realignment 30 (KEY-30)



Data Sources: Basemap - ESRI,
Land Owner - MT Cadastral/CAMA Project,
Sage-Grouse - MFWP,
Aerial Photography - NAIP, 2009.

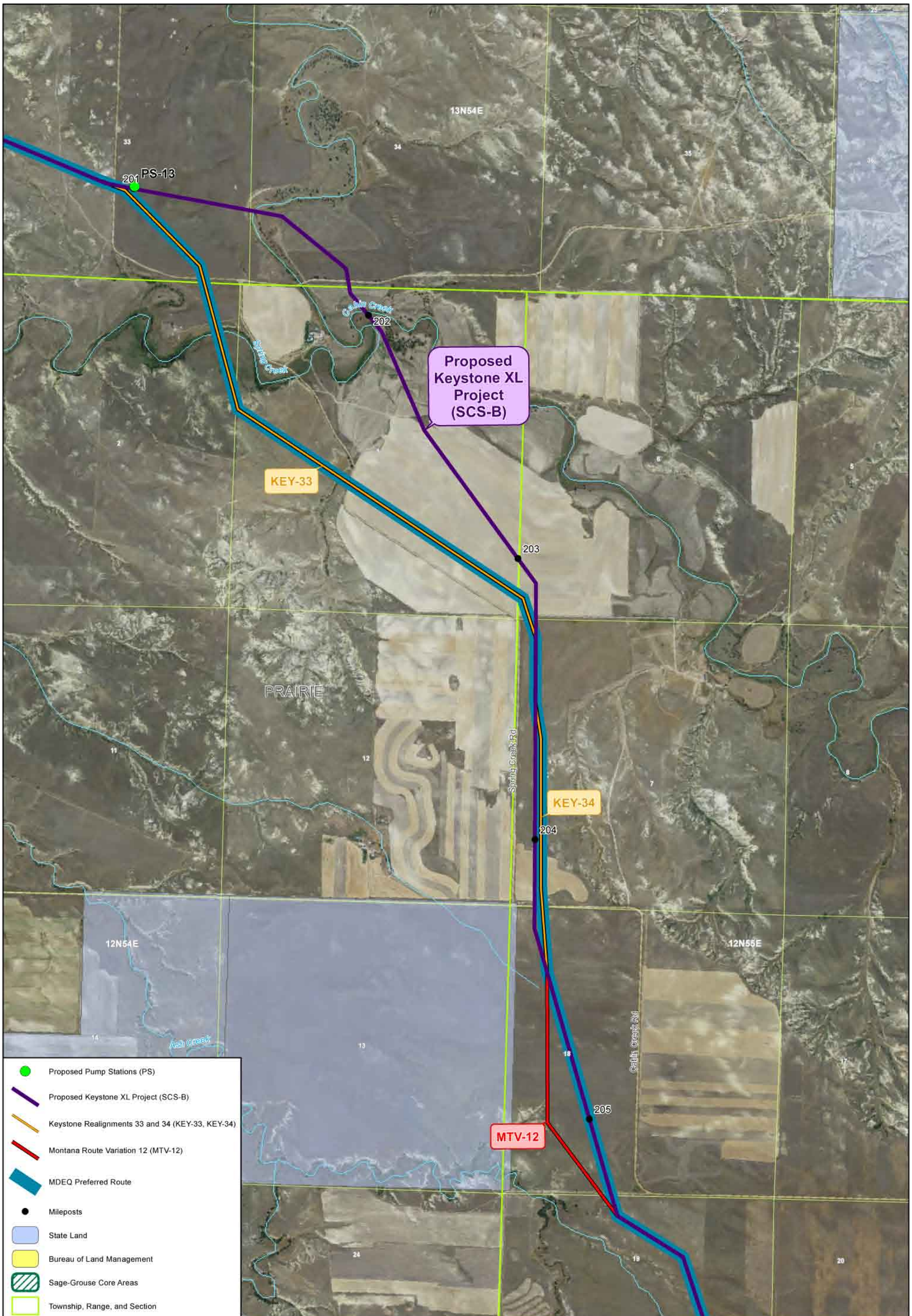
0 500 1,000 2,000 Feet

KEYSTONE XL PROJECT

Note: See Figure I-2.4.3-1 for regional location of realignment

Figure I-2.4.3-16

Keystone Realignments 31 and 32 (KEY-31, KEY-32)



Data Sources: Basemap - ESRI,
Land Owner - MT Cadastral/CAMA Project,
Sage-Grouse - MFWP,
Aerial Photography - NAIP, 2009.

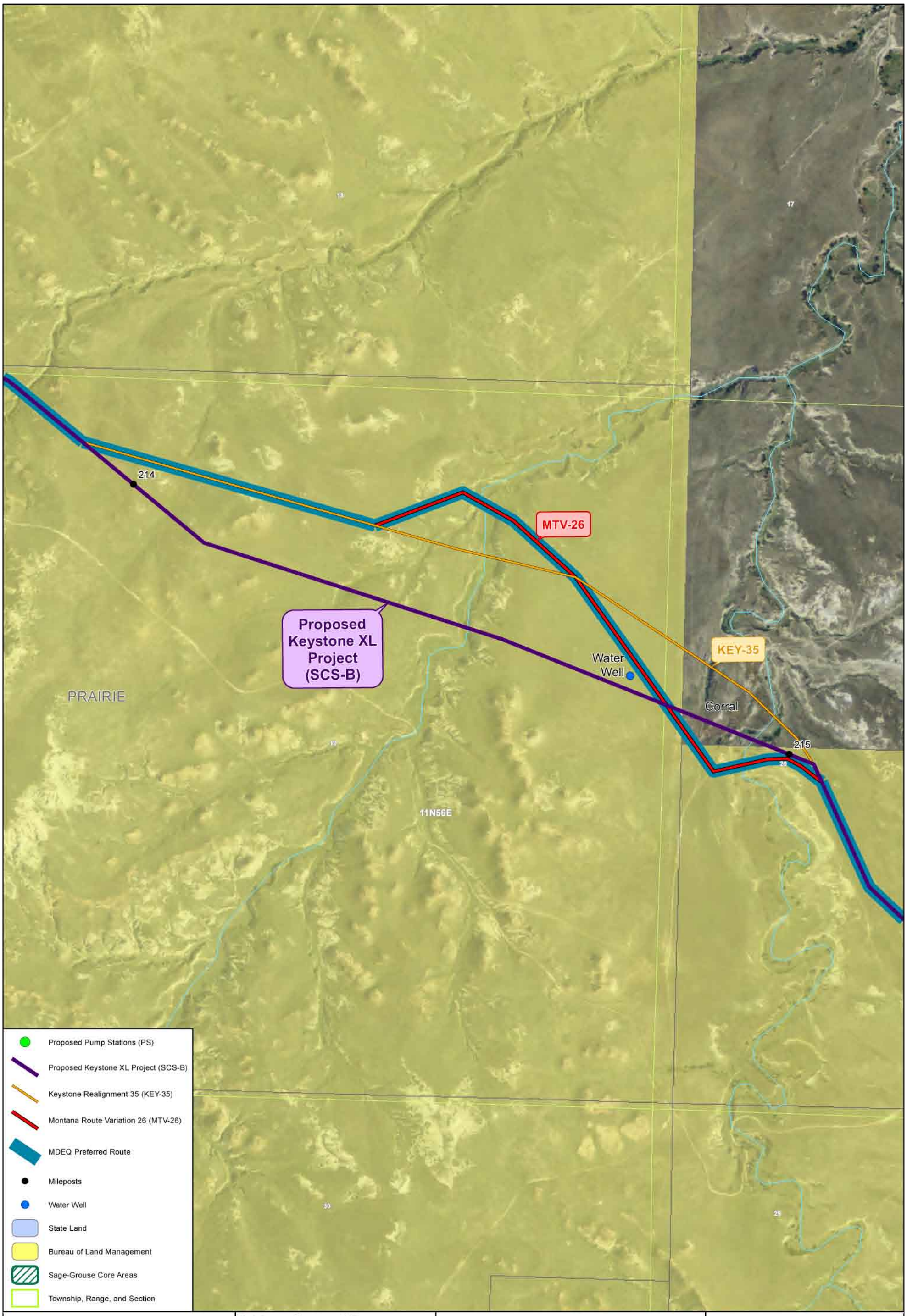
0 500 1,000 2,000 Feet

KEYSTONE XL PROJECT

Note: See Figure I-2.4.3-1 for regional location of realignment

Figure I-2.4.3-17

Keystone Realignments 33 and 34 (KEY-33, KEY-34)



Data Sources: Basemap - ESRI,
Land Owner - MT Cadastral/CAMA Project,
Sage-Grouse - MFWP,
Aerial Photography - NAIP, 2009.

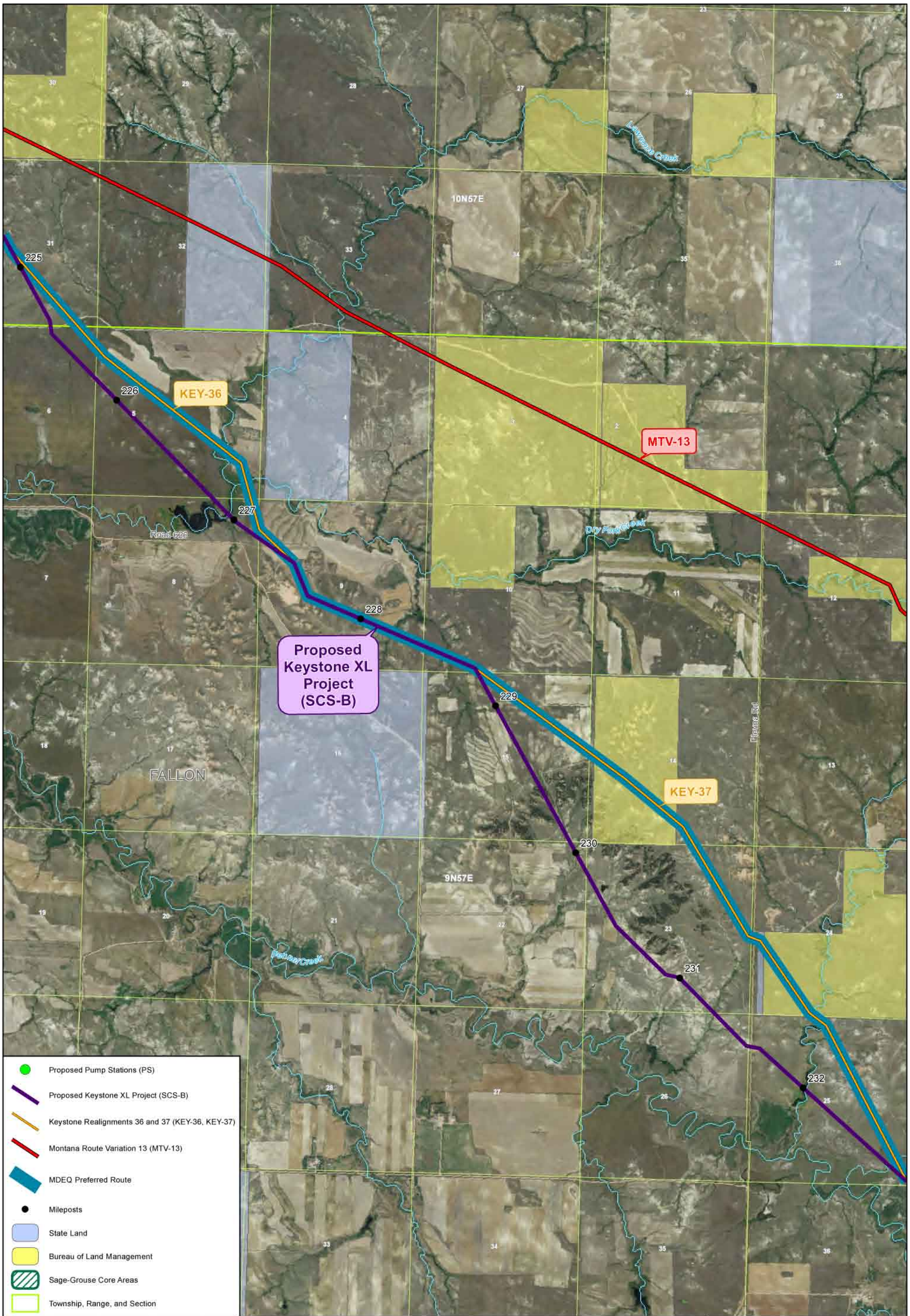
0 250 500 1,000 Feet

KEYSTONE XL PROJECT

Note: See Figure I-2.4.3-1 for regional location of realignment

Figure I-2.4.3-18

Keystone Realignment 35 (KEY-35)



Data Sources: Basemap - ESRI,
Land Owner - MT Cadastral/CAMA Project,
Sage-Grouse - MFWP,
Aerial Photography - NAIP, 2009.

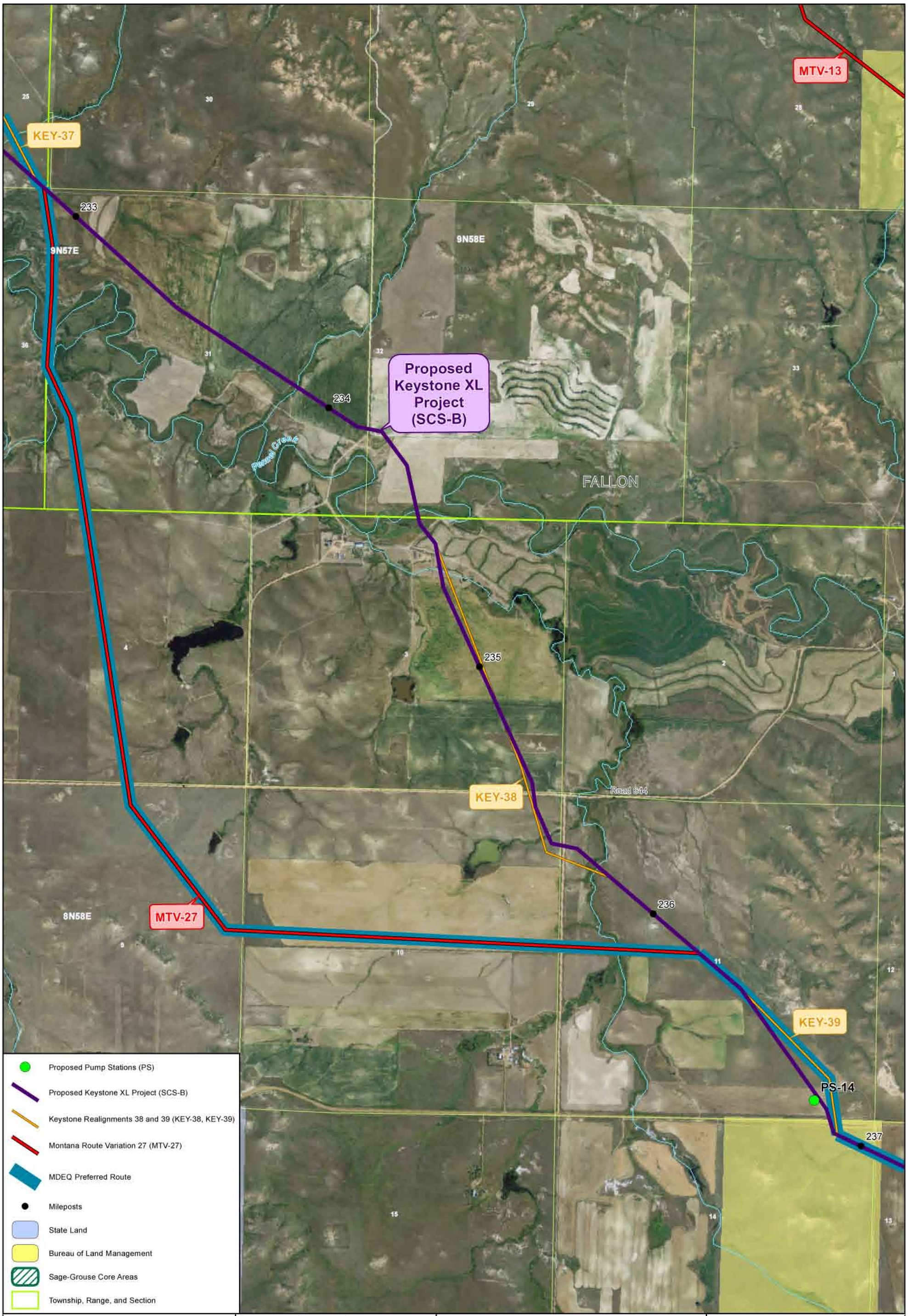
0 1,000 2,000 4,000 Feet

KEYSTONE XL PROJECT

Note: See Figure I-2.4.3-1 for regional location of realignment

Figure I-2.4.3-19

Keystone Realignments 36 and 37 (KEY-36, KEY-37)



Data Sources: Basemap - ESRI,
Land Owner - MT Cadastral/CAMA Project,
Sage-Grouse - MFWP,
Aerial Photography - NAIP, 2009.

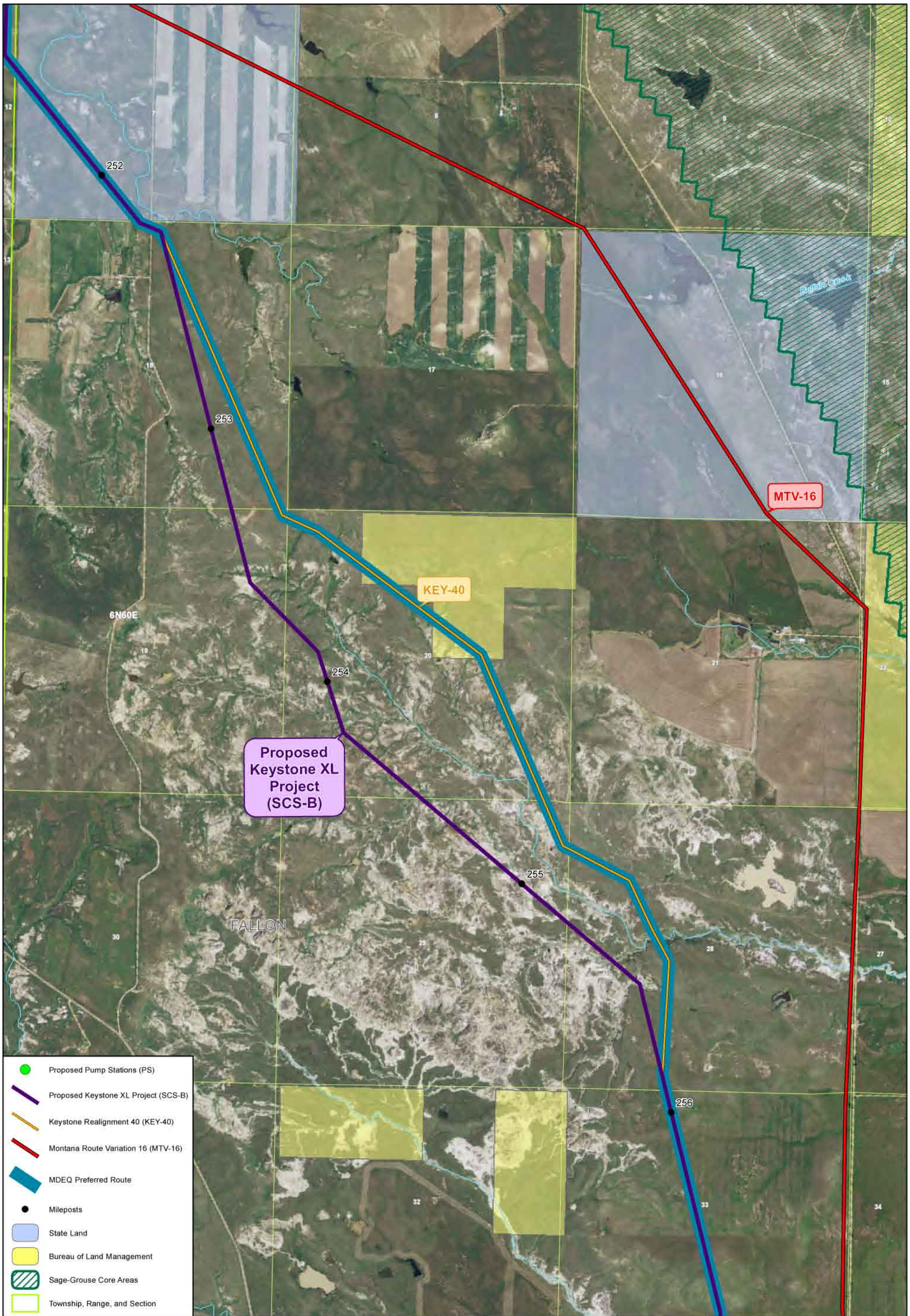
0 500 1,000 2,000 Feet

KEYSTONE XL PROJECT

Note: See Figure I-2.4.3-1 for regional location of realignment

Figure I-2.4.3-20

Keystone Realignments 38 and 39 (KEY-38, KEY-39)



Data Sources: Basemap - ESRI,
Land Owner - MT Cadastral/CAMA Project,
Sage-Grouse - MFWP,
Aerial Photography - NAIP, 2009.

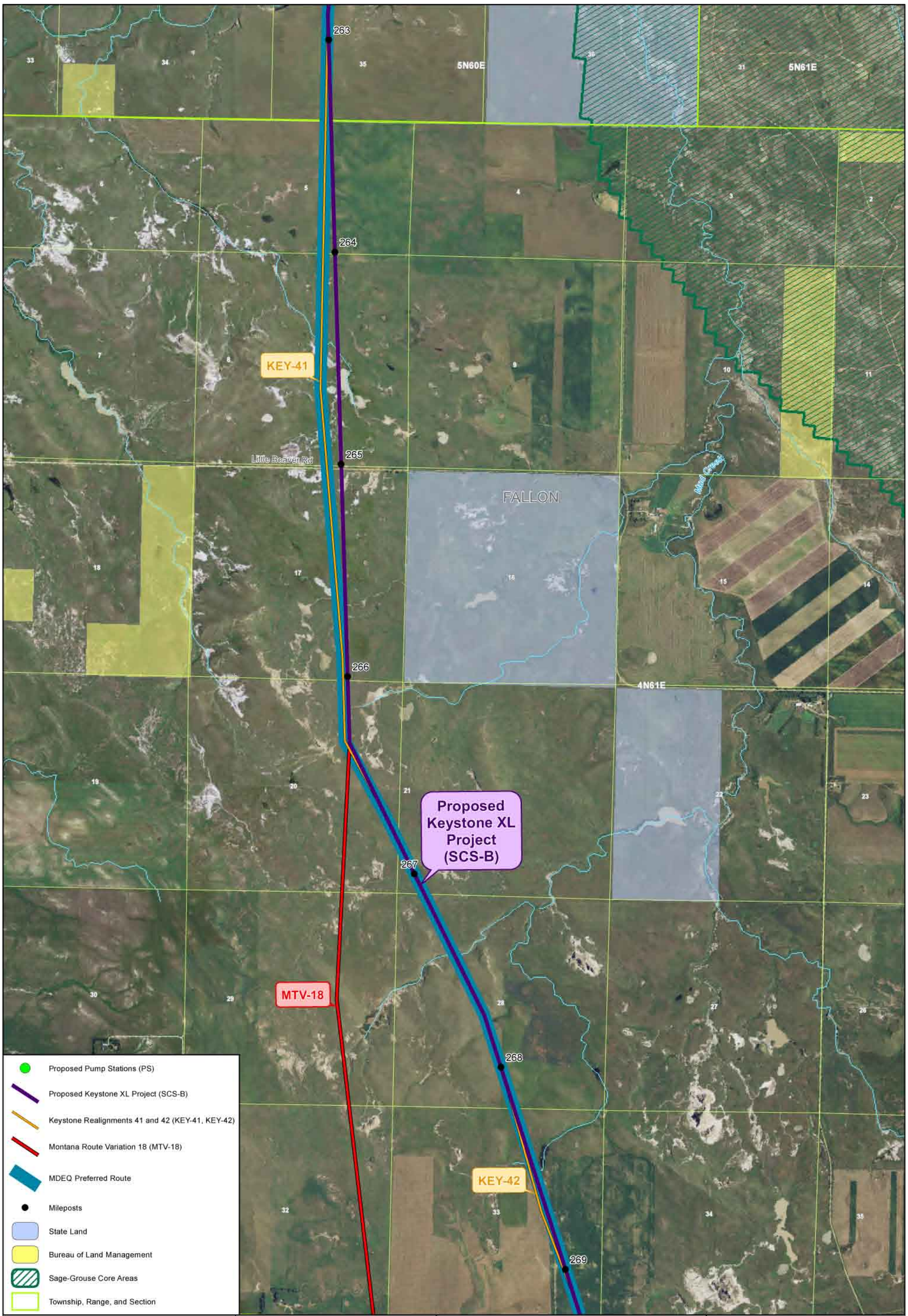
0 500 1,000 2,000 Feet

KEYSTONE XL PROJECT

Note: See Figure I-2.4.3-1 for regional location of realignment

Figure I-2.4.3-21

Keystone Realignment 40 (KEY-40)



Data Sources: Basemap - ESRI,
Land Owner - MT Cadastral/CAMA Project,
Sage-Grouse - MFWP,
Aerial Photography - NAIP, 2009.

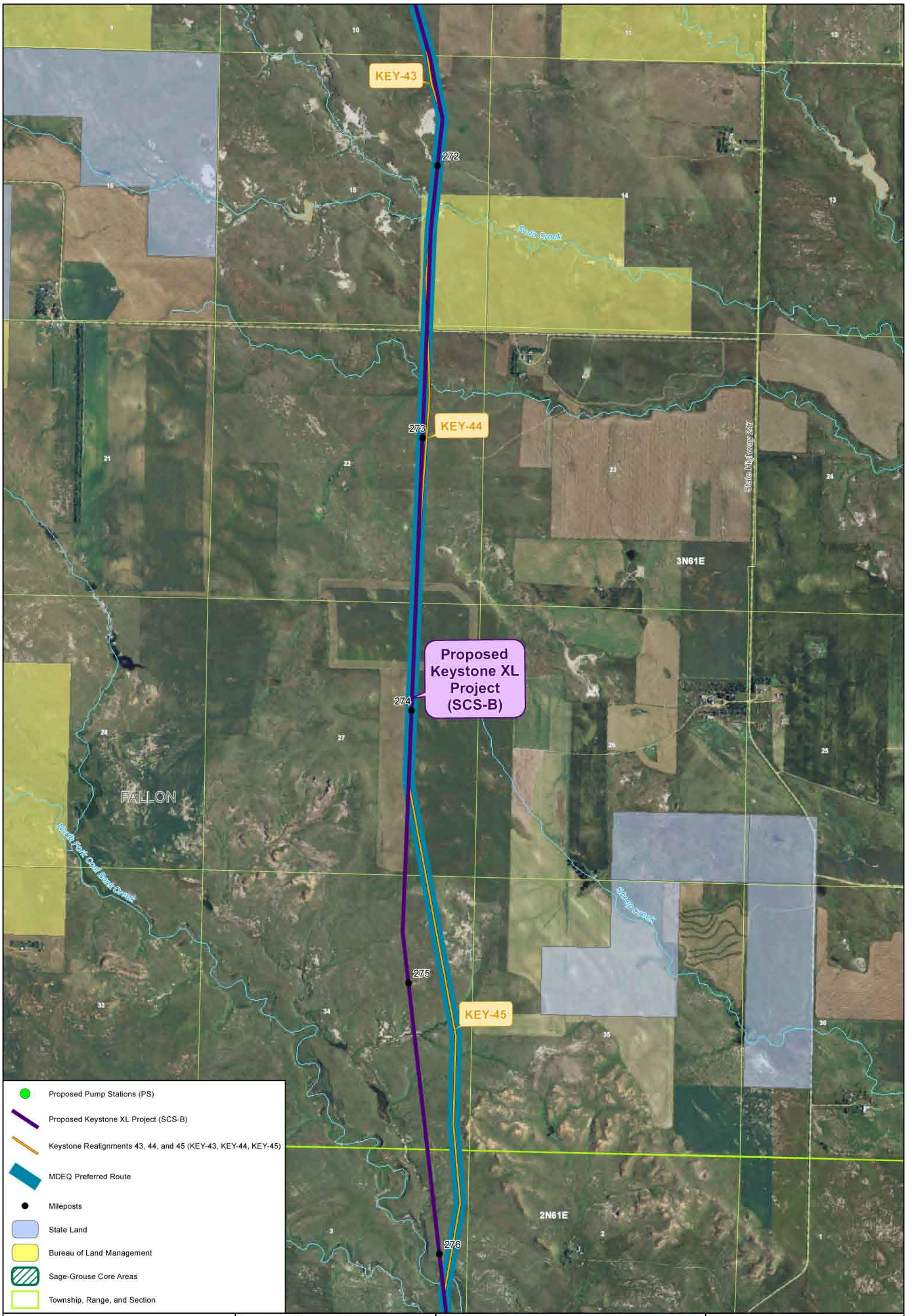
0 750 1,500 3,000 Feet

KEYSTONE XL PROJECT

Note: See Figure I-2.4.3-1 for regional location of realignment

Figure I-2.4.3-22

Keystone Realignments 41 and 42 (KEY-41, KEY-42)



Data Sources: Basemap - ESRI,
Land Owner - MT Cadastral/CAMA Project,
Sage-Grouse - MFWP,
Aerial Photography - NAIP, 2009.

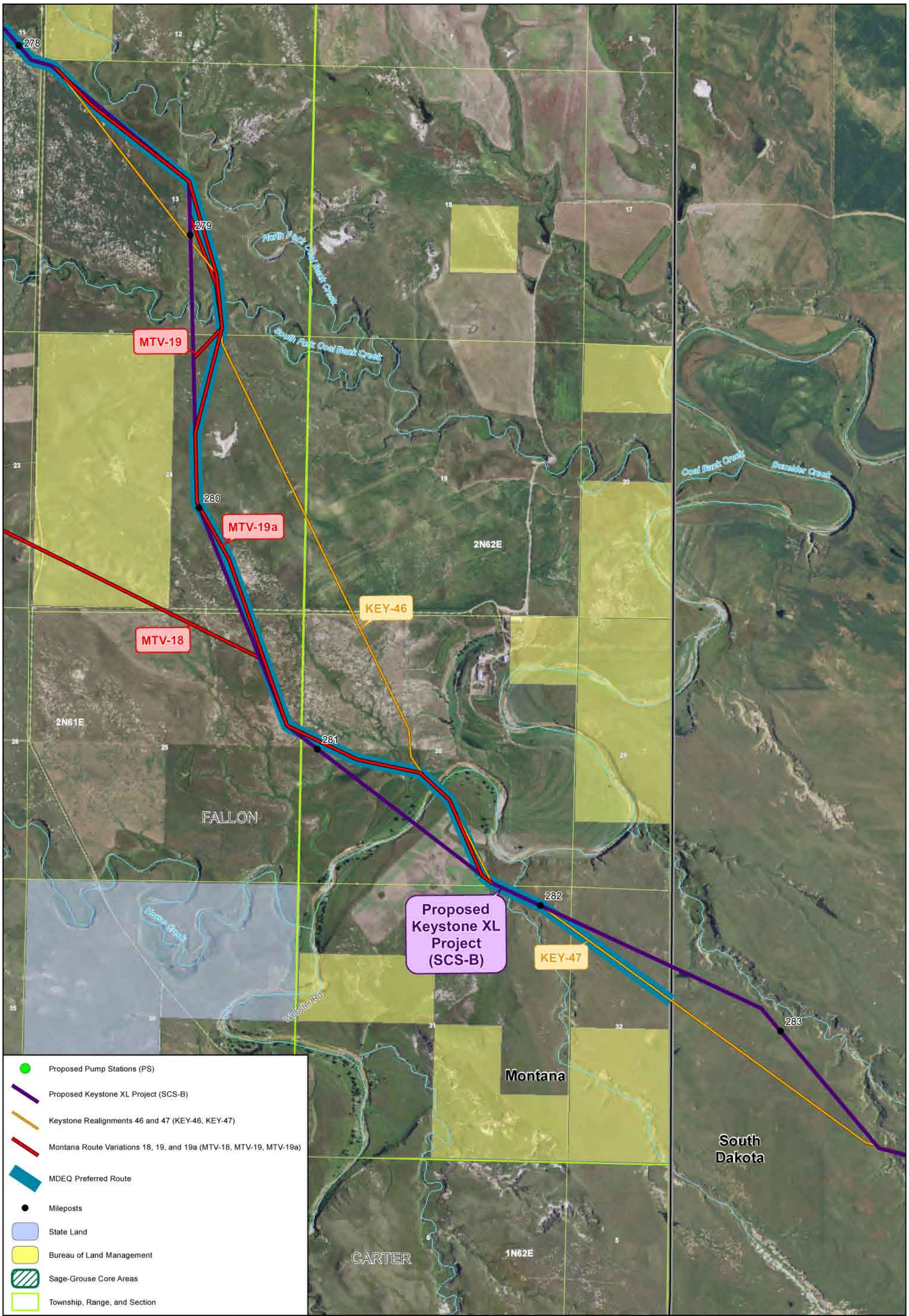
0 500 1,000 2,000 Feet

KEYSTONE XL PROJECT

Note: See Figure I-2.4.3-1 for regional location of realignment

Figure I-2.4.3-23

Keystone Realignments 43, 44, and 45 (KEY-43, KEY-44, KEY-45)

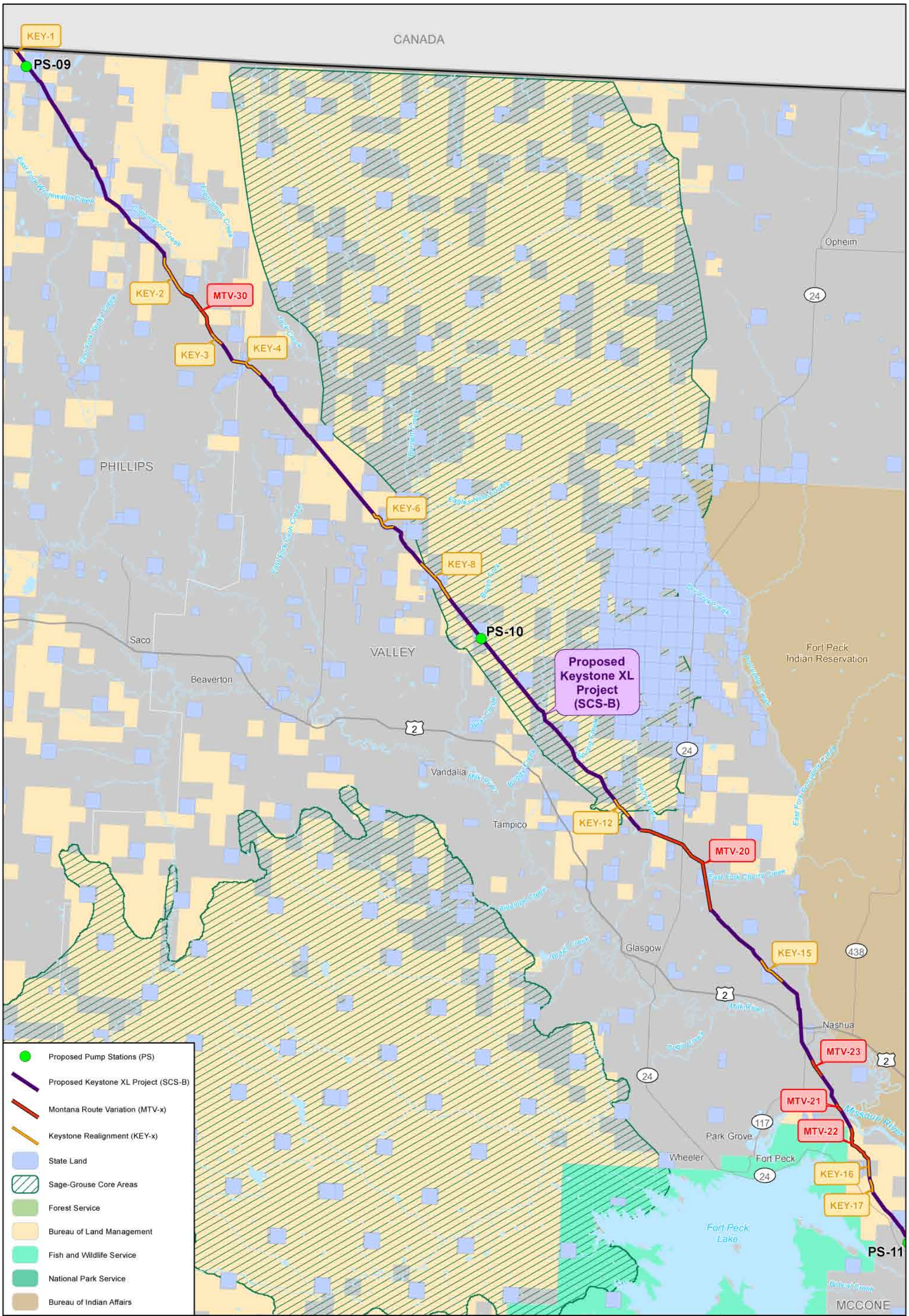


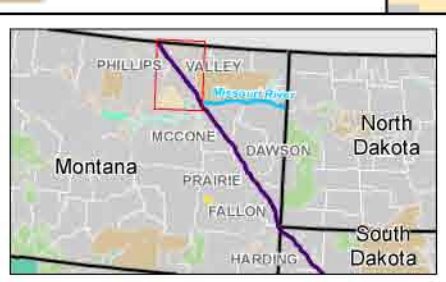
KEYSTONE XL PROJECT

Note: See Figure I-2.4.3-1 for regional location of realignment

Figure I-2.4.3-24

Keystone Realignments 46 and 47 (KEY-46, KEY-47)





Data Sources: Federal Lands, Basemap - ESRI,
Sage-Grouse - MFWP,
State Land - MT Cadastral/CAMA Project.

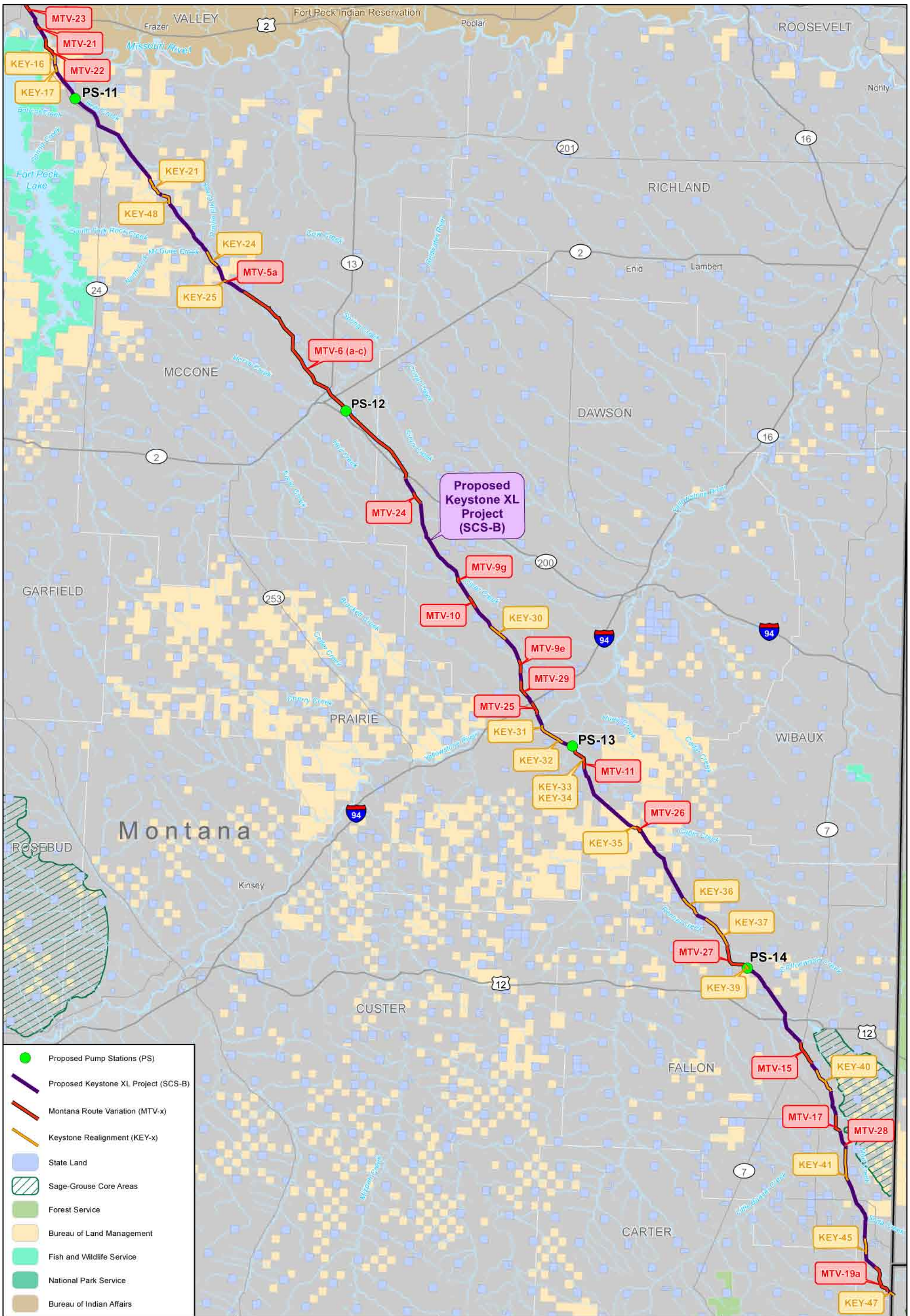
0 1.5 3 6 Miles

KEYSTONE XL PROJECT

Figure I-2.5-1

SHEET 1 OF 2

Montana Preferred Route



KEYSTONE XL PROJECT

Figure I-2.5-1

SHEET 2 OF 2

Montana Preferred Route