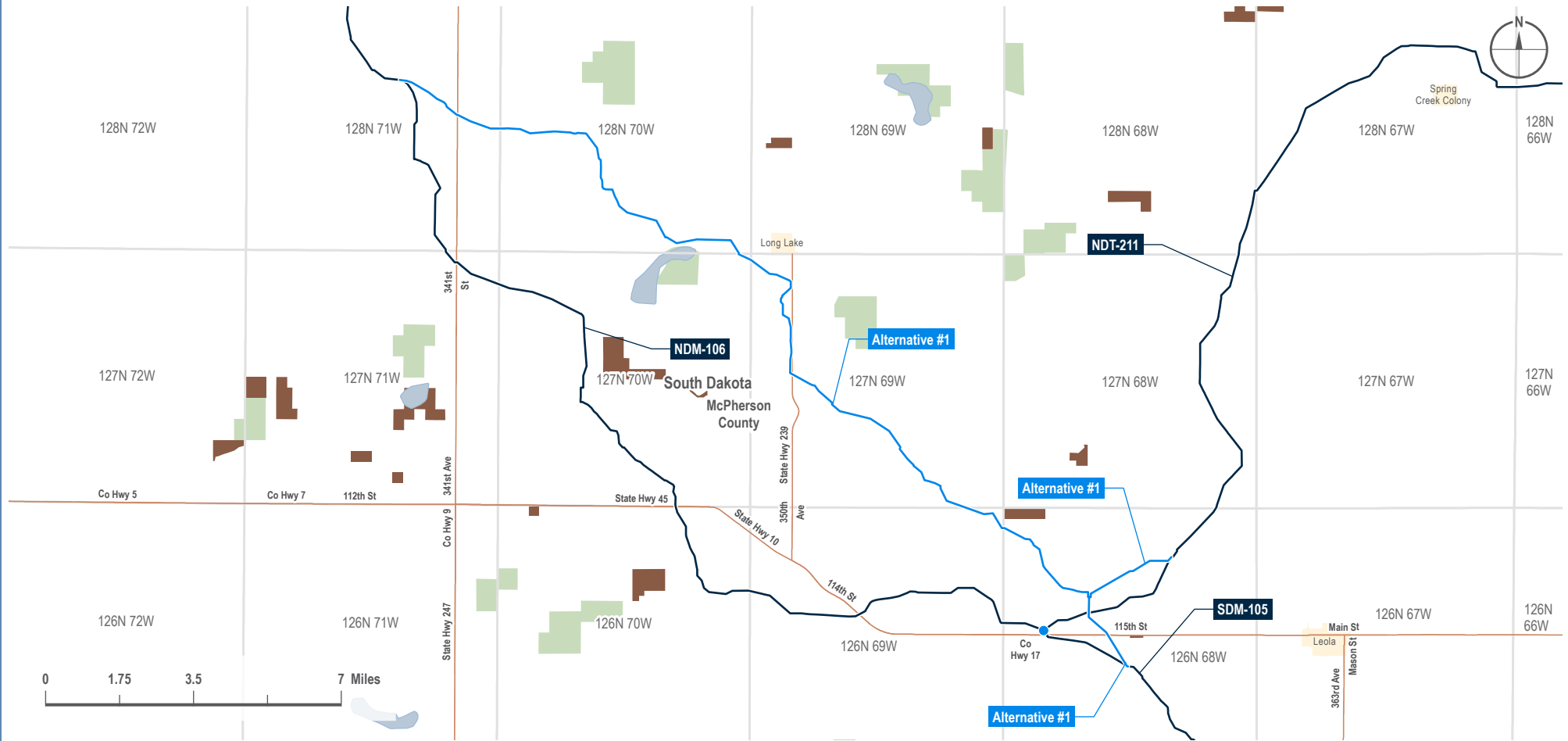
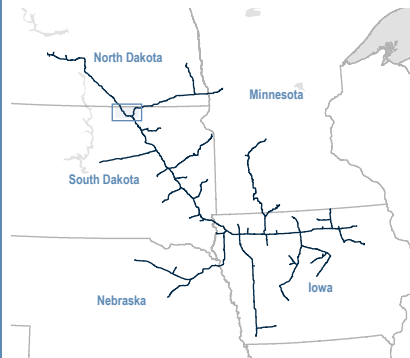


Appendix 11 – Route Alternatives

APPENDIX 4 - ROUTE ALTERNATIVES IN SOUTH DAKOTA (ALTERNATIVE #1)



VICINITY MAP



LEGEND

- Proposed Project Route (SD)
 - Alternative #1 - No Longer Under Consideration
 - Pump Station
 - Populated Place (TIGER)
 - Primary or Secondary Road
 - State Boundary
 - County Boundary
 - PLSS Township
 - Waterbody
 - Federal Land
 - State Conservation Area
- Pipeline Naming Convention
[State Abbreviation][Line Designation] - [Line Number]
(e.g. SDT-207)
-State Abbreviation: Iowa (IA), Minnesota (MN), North Dakota (ND), South Dakota (SD)
-Line Designation: Lateral (L), Main (M), Trunk (T)
-Line Number: 3-digit series

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Figure Title:
**Route Alternatives in South Dakota
(Alternative #1)**

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Figure Number:
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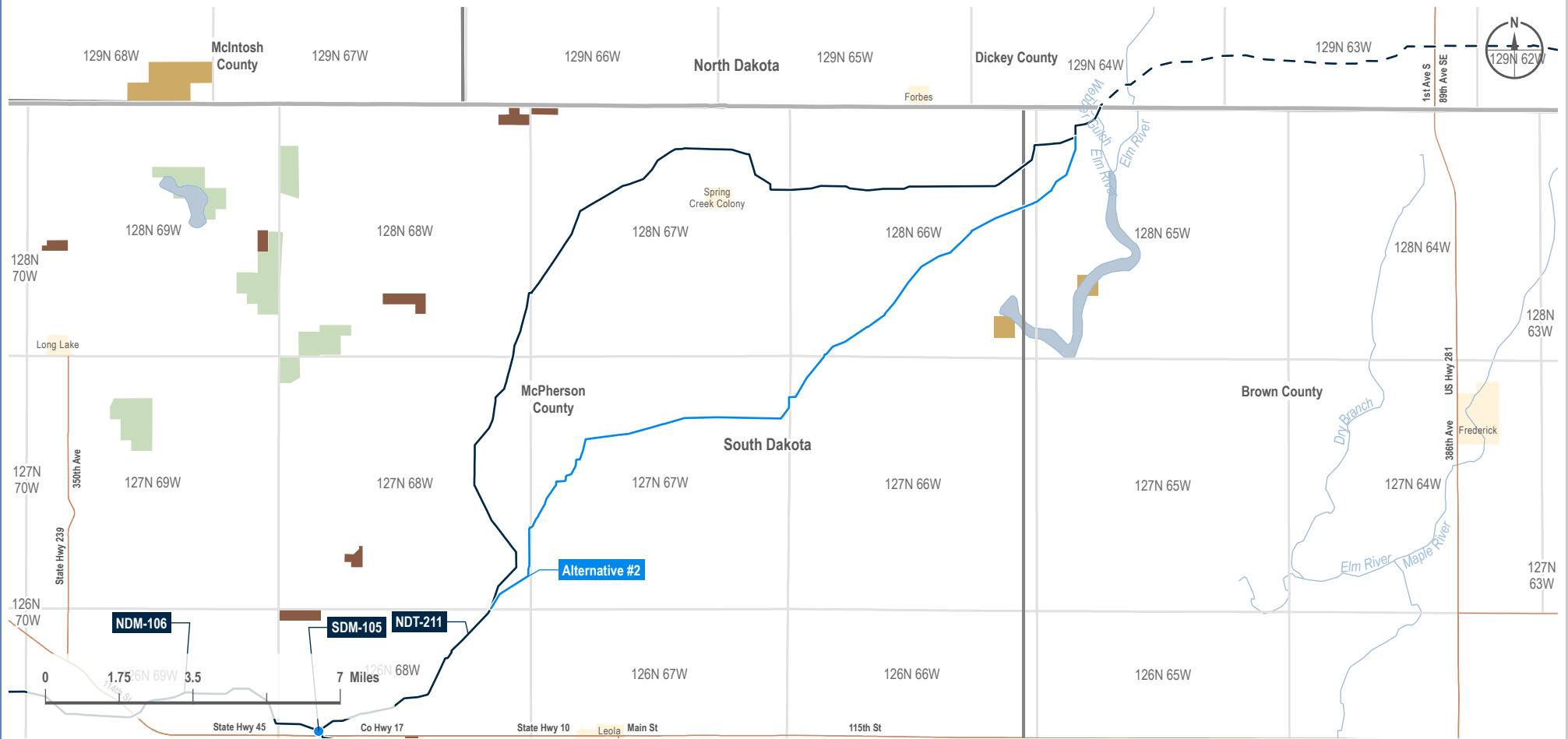
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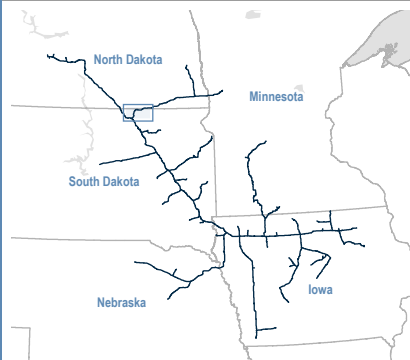
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Transverse Mercator
NAD 1983 UTM Zone 14N

Drawing Number:
1001-06-039
Revision 0

APPENDIX 4 - ROUTE ALTERNATIVES IN SOUTH DAKOTA (ALTERNATIVE #2)



VICINITY MAP



LEGEND

- Proposed Project Route (SD)
- Alternative #2 - No Longer Under Consideration
- Pump Station
- Populated Place (TIGER)
- Primary or Secondary Road
- State Boundary
- County Boundary
- PLSS Township
- River / Stream
- Waterbody
- Federal Land
- State Conservation Area
- State Recreation Area

Pipeline Naming Convention
 [State Abbreviation][Line Designation] - [Line Number]
 (e.g. SDT-207)
 -State Abbreviation: Iowa (IA), Minnesota (MN), North Dakota (ND), South Dakota (SD)
 -Line Designation: Lateral (L), Main (M), Trunk (T)
 -Line Number: 3-digit series

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Figure Title:

Route Alternatives in South Dakota
 (Alternative #2)

Figure Number:

Appendix 4

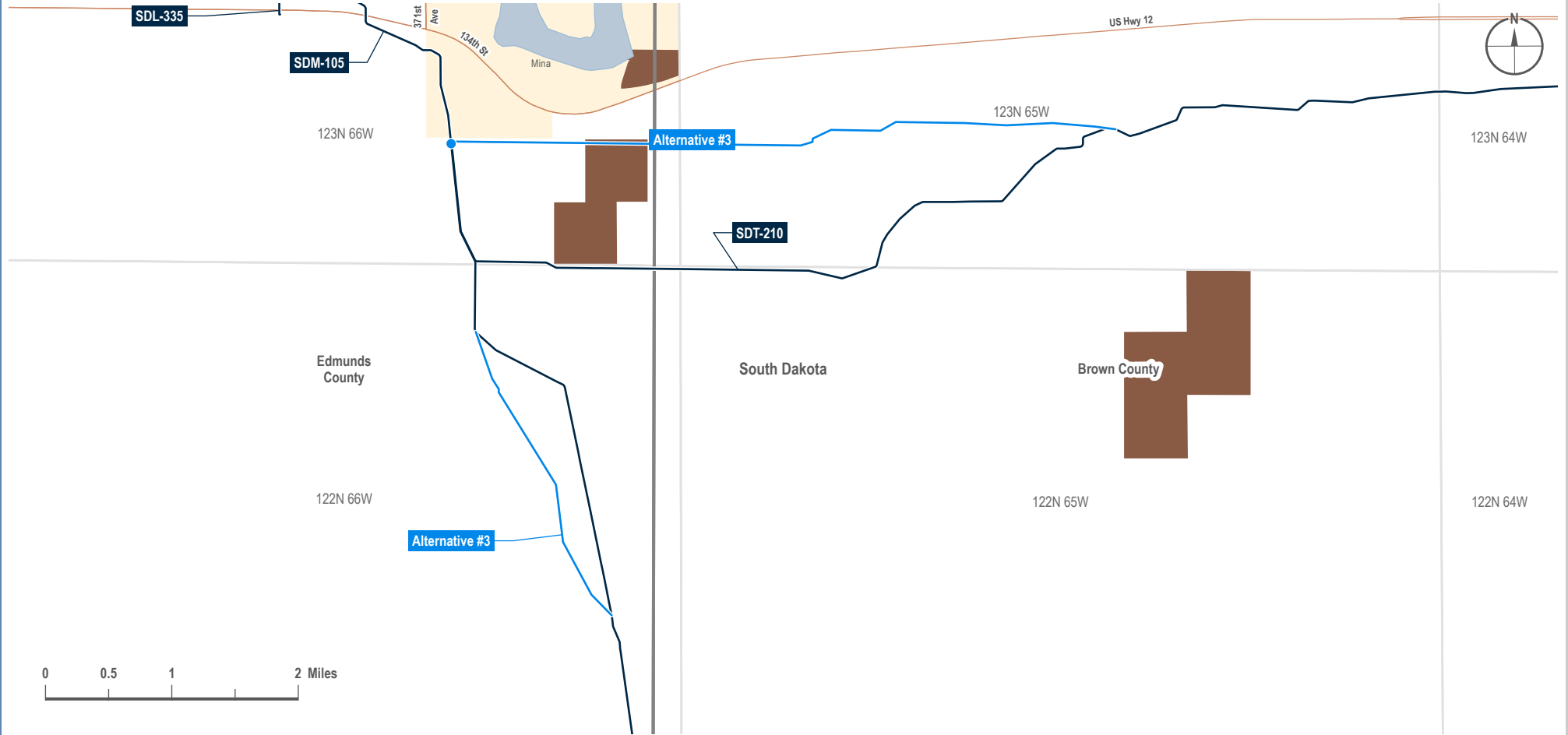
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Projection:
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 NAD 1983 UTM Zone 14N

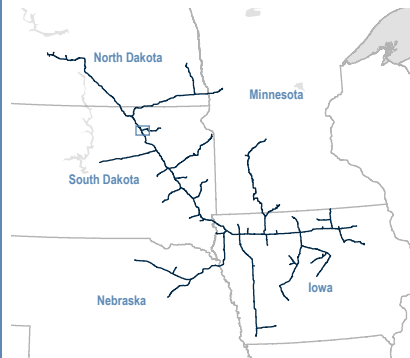
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Drawing Number:
 1001-06-039
 Revision 0

APPENDIX 4 - ROUTE ALTERNATIVES IN SOUTH DAKOTA (ALTERNATIVE #3)



VICINITY MAP



LEGEND

- Proposed Project Route (SD)
- Alternative #3 - No Longer Under Consideration
- Pump Station
- Populated Place (TIGER)
- Primary or Secondary Road
- County Boundary
- PLSS Township
- Waterbody
- State Conservation Area

Pipeline Naming Convention
 [State Abbreviation][Line Designation] - [Line Number]
 (e.g. SDT-207)
 -State Abbreviation: Iowa (IA), Minnesota (MN), North Dakota (ND), South Dakota (SD)
 -Line Designation: Lateral (L), Main (M), Trunk (T)
 -Line Number: 3-digit series

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Figure Title:

Route Alternatives in South Dakota
 (Alternative #3)

Figure Number:

Appendix 4

Scale:

1 : 75,000
 1 inch equals 1.18 miles

Projection:

Transverse Mercator
 NAD 1983 UTM Zone 14N

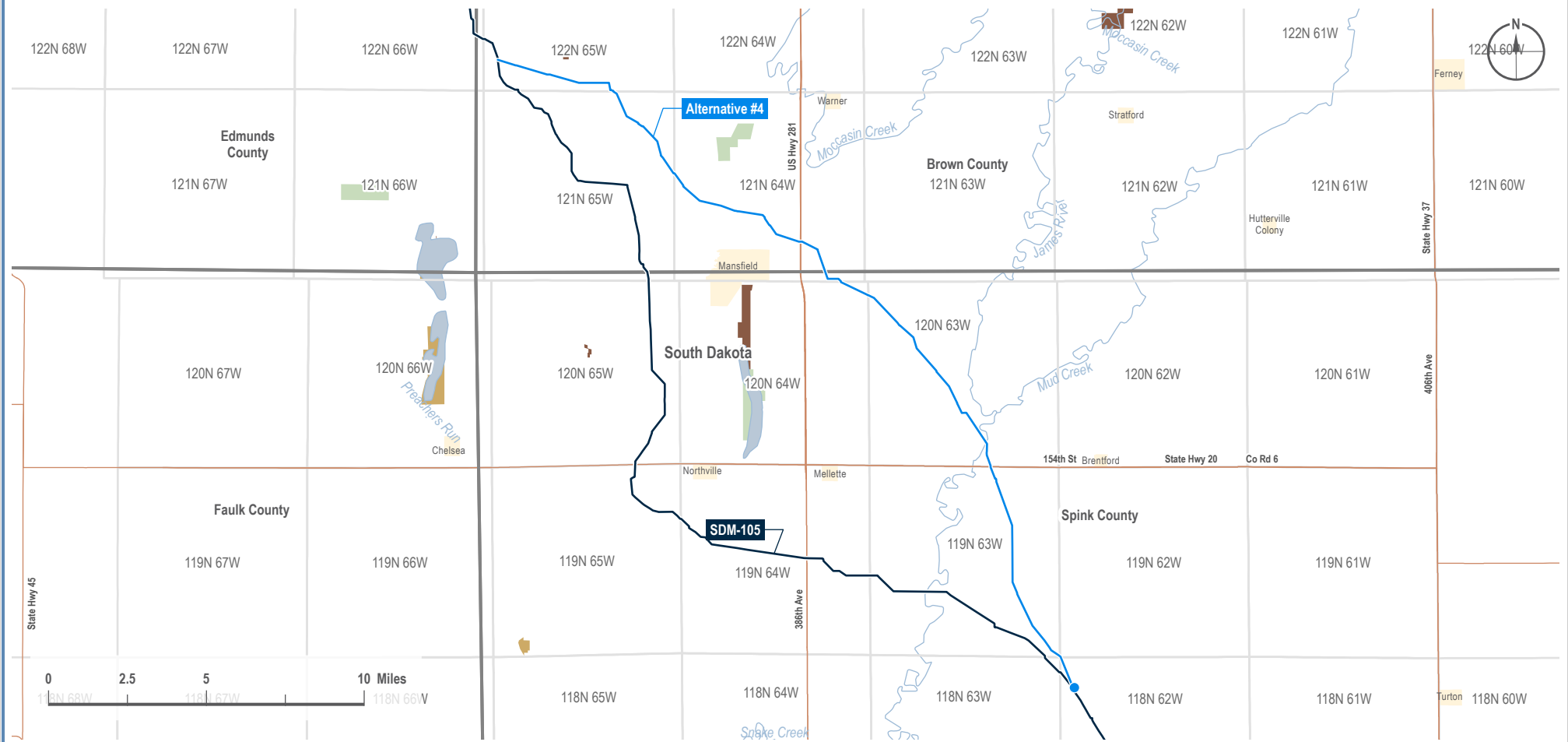
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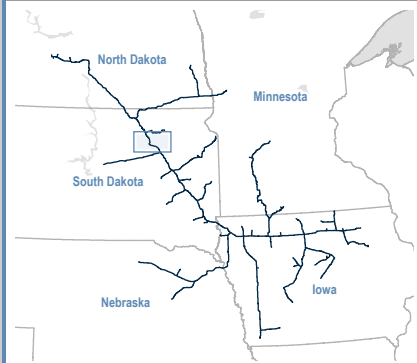
Drawing Number:

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APPENDIX 4 - ROUTE ALTERNATIVES IN SOUTH DAKOTA (ALTERNATIVE #4)



VICINITY MAP



LEGEND

- Proposed Project Route (SD)
- Alternative #4 - No Longer Under Consideration
- Pump Station
- Populated Place (TIGER)
- Primary or Secondary Road
- County Boundary
- PLSS Township
- River / Stream
- Waterbody
- Federal Land
- State Conservation Area
- State Recreation Area

Pipeline Naming Convention
[State Abbreviation][Line Designation] - [Line Number]
(e.g. SDT-207)
-State Abbreviation: Iowa (IA), Minnesota (MN), North Dakota (ND), South Dakota (SD)
-Line Designation: Lateral (L), Main (M), Trunk (T)
-Line Number: 3-digit series

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Figure Title:

Route Alternatives in South Dakota
(Alternative #4)

Figure Number:

Appendix 4

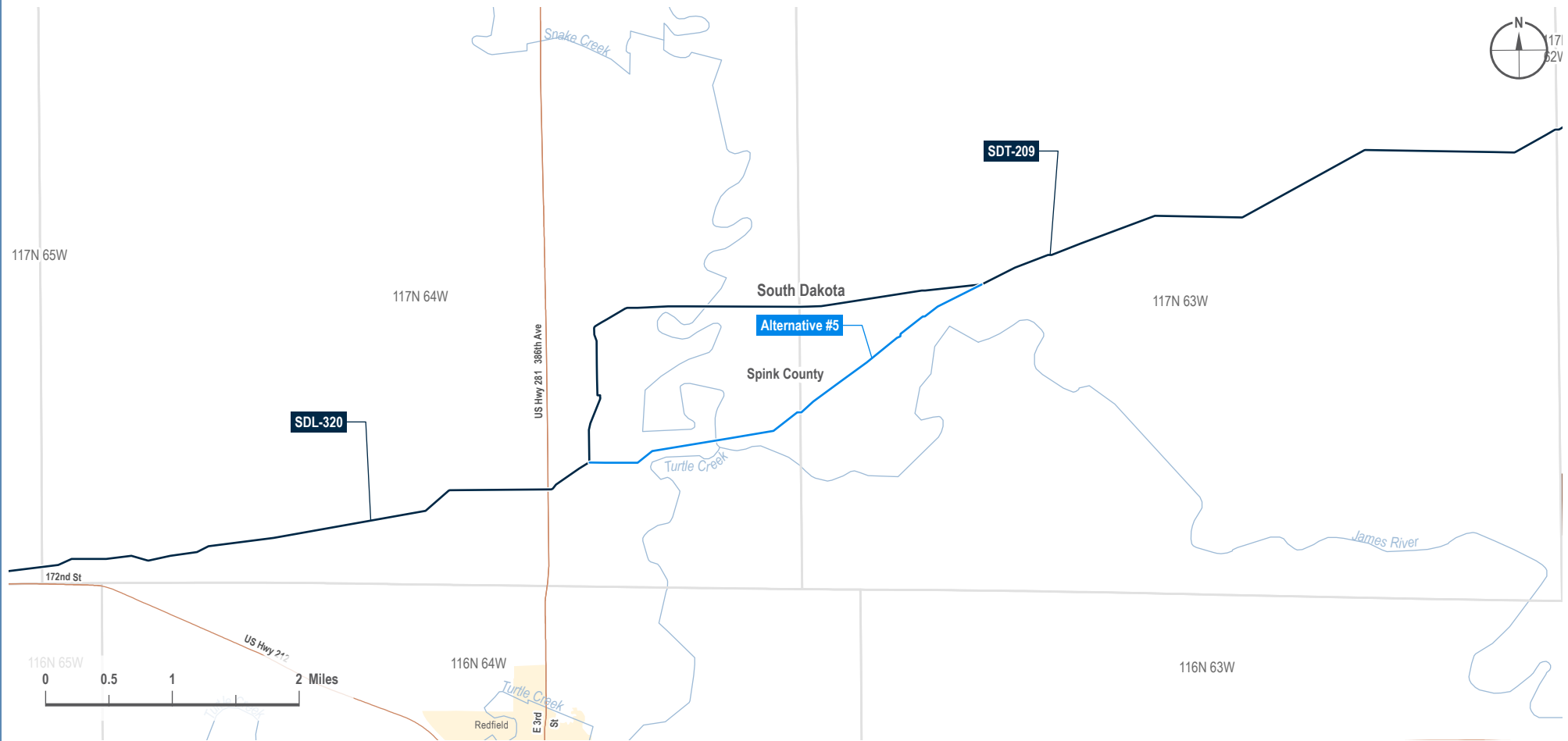
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1 inch equals 4.73 miles

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Projection:
Transverse Mercator
NAD 1983 UTM Zone 14N

Drawing Number:
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APPENDIX 4 - ROUTE ALTERNATIVES IN SOUTH DAKOTA (ALTERNATIVE #5)



VICINITY MAP



LEGEND

- Proposed Project Route (SD)
- Alternative #5 - No Longer Under Consideration
- Populated Place (TIGER)
- Primary or Secondary Road
- County Boundary
- PLSS Township
- River / Stream
- State Conservation Area

Pipeline Naming Convention
[State Abbreviation][Line Designation] - [Line Number]
(e.g. SDT-207)
-State Abbreviation: Iowa (IA), Minnesota (MN), North Dakota (ND), South Dakota (SD)
-Line Designation: Lateral (L), Main (M), Trunk (T)
-Line Number: 3-digit series

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Figure Title:
**Route Alternatives in South Dakota
(Alternative #5)**

Figure Number:
Appendix 4

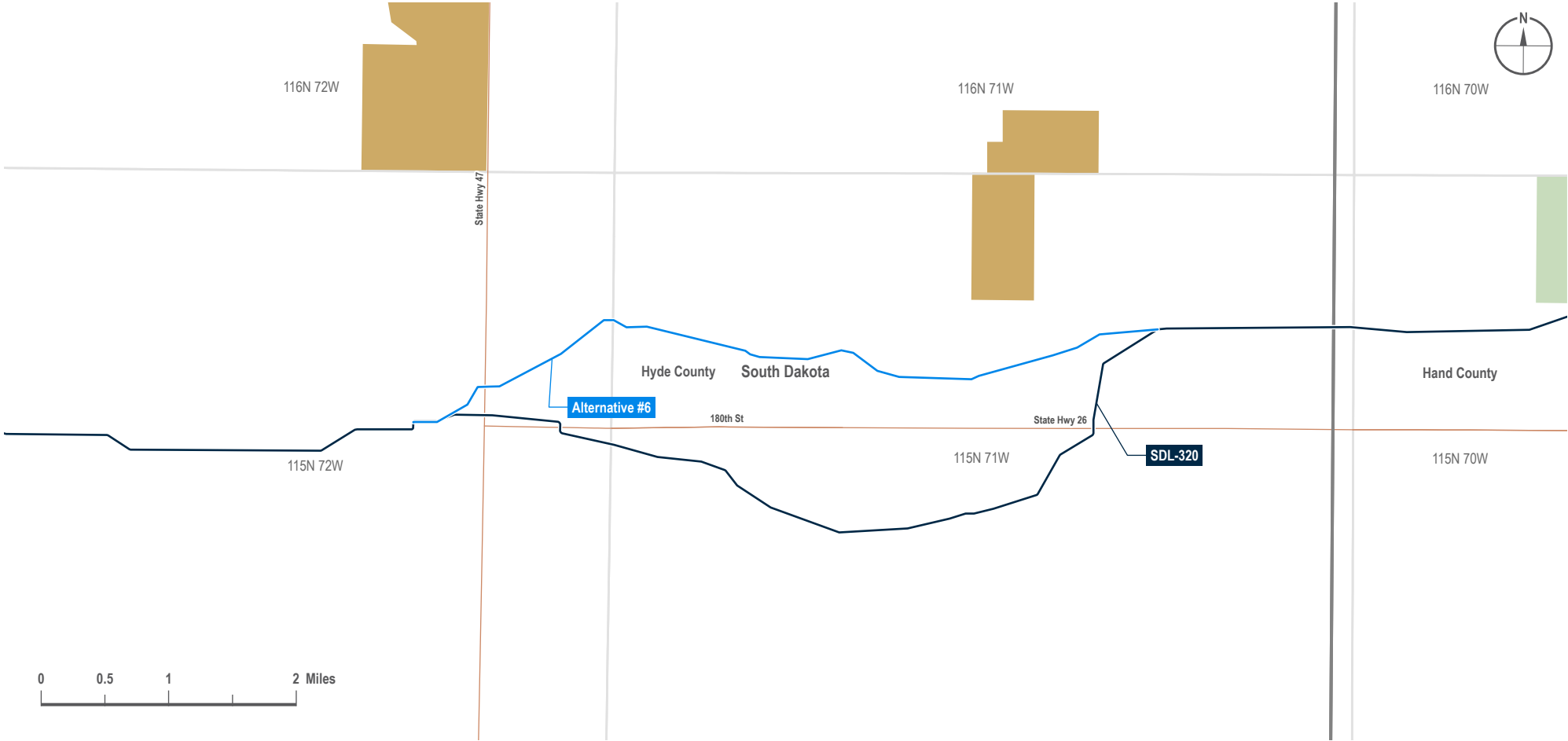
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1 inch equals 1.18 miles

Projection:
Transverse Mercator
NAD 1983 UTM Zone 14N

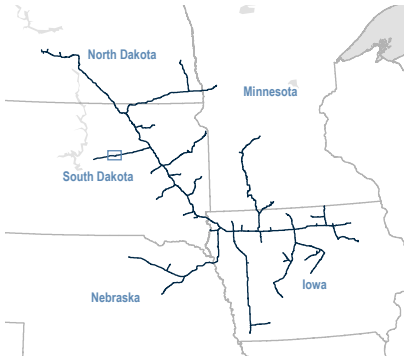
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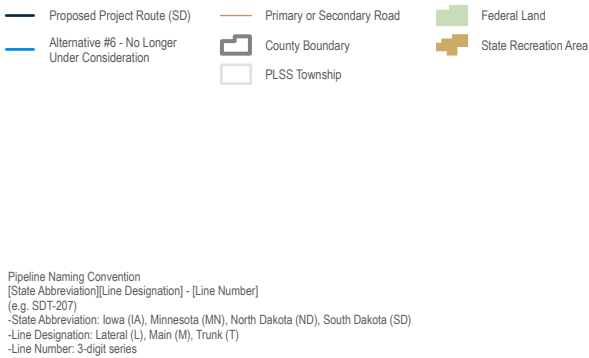
APPENDIX 4 - ROUTE ALTERNATIVES IN SOUTH DAKOTA (ALTERNATIVE #6)



VICINITY MAP



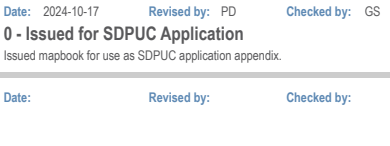
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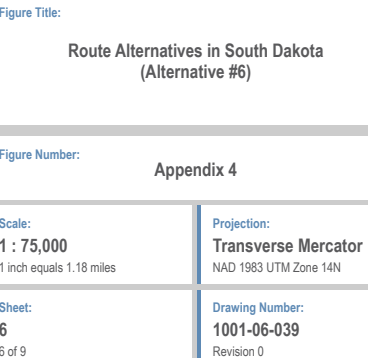
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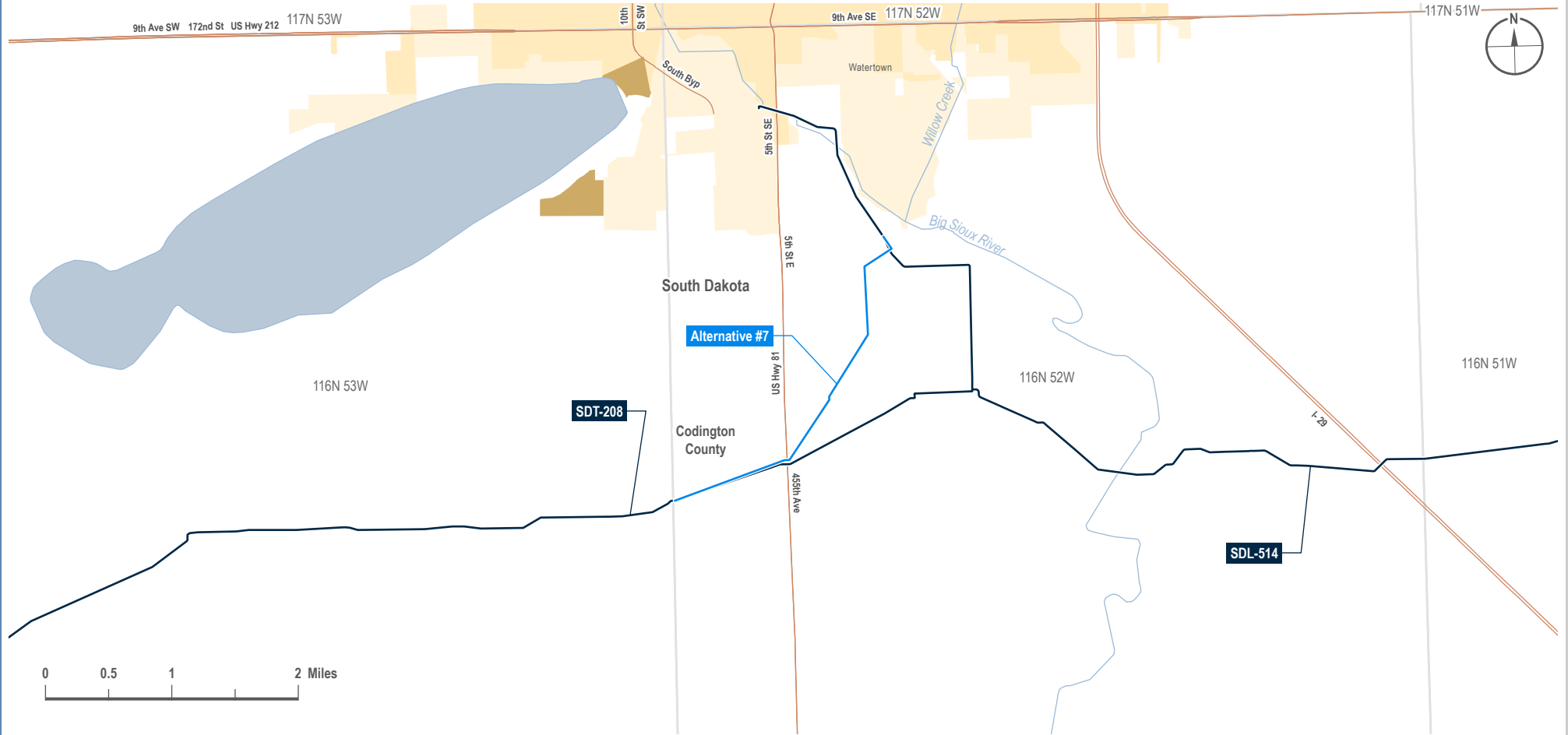
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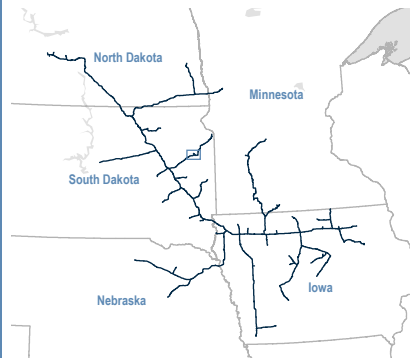
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APPENDIX 4 - ROUTE ALTERNATIVES IN SOUTH DAKOTA (ALTERNATIVE #7)



VICINITY MAP



LEGEND

- Proposed Project Route (SD)
- Alternative #7 - No Longer Under Consideration
- Urban Area
- Populated Place (TIGER)
- Primary or Secondary Road
- County Boundary
- PLSS Township
- River / Stream
- Waterbody
- State Recreation Area

Pipeline Naming Convention
 [State Abbreviation][Line Designation] - [Line Number]
 (e.g. SDT-207)
 -State Abbreviation: Iowa (IA), Minnesota (MN), North Dakota (ND), South Dakota (SD)
 -Line Designation: Lateral (L), Main (M), Trunk (T)
 -Line Number: 3-digit series

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Figure Title:

Route Alternatives in South Dakota
 (Alternative #7)

Figure Number:

Appendix 4

Scale:

1 : 75,000
 1 inch equals 1.18 miles

Projection:

Transverse Mercator
 NAD 1983 UTM Zone 14N

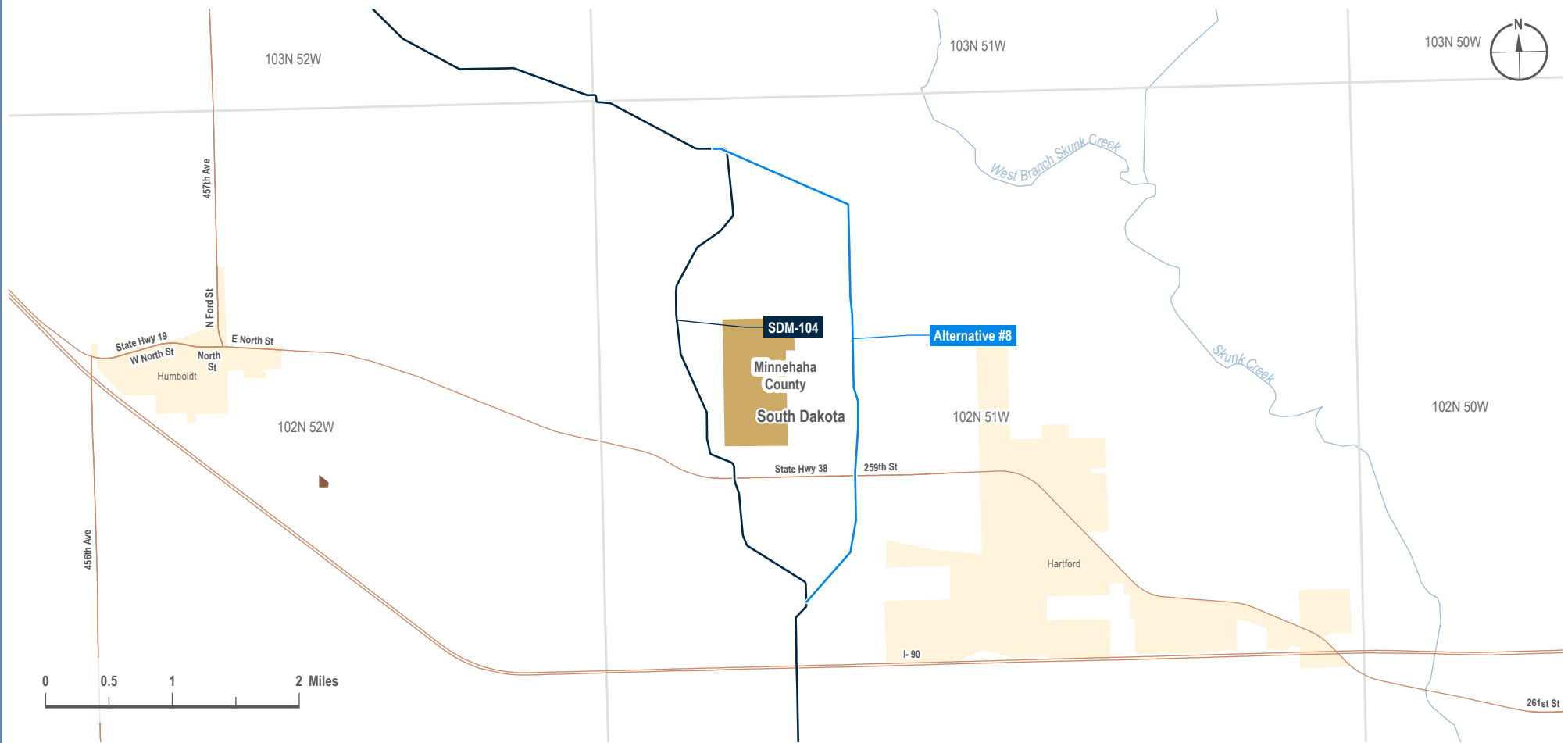
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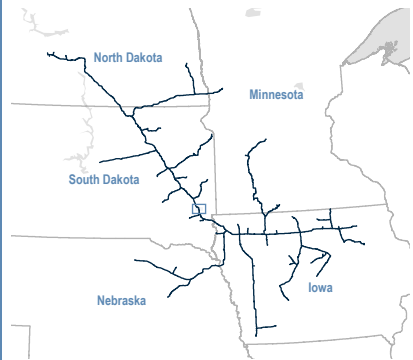
Drawing Number:

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APPENDIX 4 - ROUTE ALTERNATIVES IN SOUTH DAKOTA (ALTERNATIVE #8)



VICINITY MAP



LEGEND

- Proposed Project Route (SD)
- Alternative #8 - No Longer Under Consideration
- Populated Place (TIGER)
- Primary or Secondary Road
- County Boundary
- PLSS Township
- River / Stream
- State Conservation Area
- State Recreation Area

Pipeline Naming Convention
[State Abbreviation][Line Designation] - [Line Number]
(e.g. SDT-207)
-State Abbreviation: Iowa (IA), Minnesota (MN), North Dakota (ND), South Dakota (SD)
-Line Designation: Lateral (L), Main (M), Trunk (T)
-Line Number: 3-digit series

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Route Alternatives in South Dakota (Alternative #8)

Figure Number:
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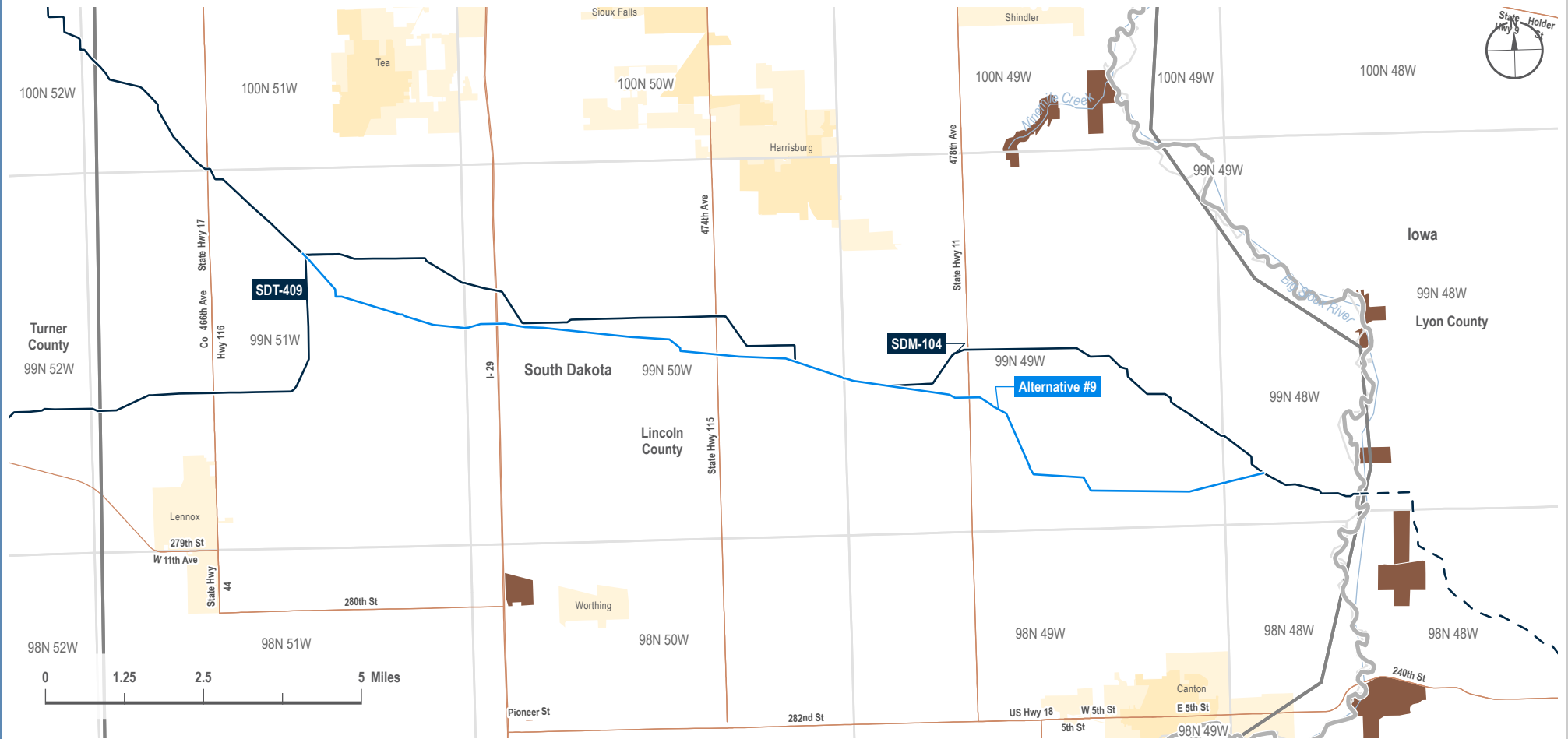
Scale:
1 : 75,000
1 inch equals 1.18 miles

Projection:
Transverse Mercator
NAD 1983 UTM Zone 14N

Sheet:
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8 of 9

Drawing Number:
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APPENDIX 4 - ROUTE ALTERNATIVES IN SOUTH DAKOTA (ALTERNATIVE #9)



VICINITY MAP



LEGEND

- Proposed Project Route (SD)
- Alternative #9 - No Longer Under Consideration
- Urban Area
- Populated Place (TIGER)
- Primary or Secondary Road
- State Boundary
- County Boundary
- PLSS Township
- River / Stream
- State Conservation Area

Pipeline Naming Convention
[State Abbreviation][Line Designation] - [Line Number]
(e.g. SDT-207)
-State Abbreviation: Iowa (IA), Minnesota (MN), North Dakota (ND), South Dakota (SD)
-Line Designation: Lateral (L), Main (M), Trunk (T)
-Line Number: 3-digit series

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Figure Title:

Route Alternatives in South Dakota
(Alternative #9)

Figure Number:

Appendix 4

Scale:
1 : 150,000
1 inch equals 2.37 miles

Projection:
Transverse Mercator
NAD 1983 UTM Zone 14N

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9
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