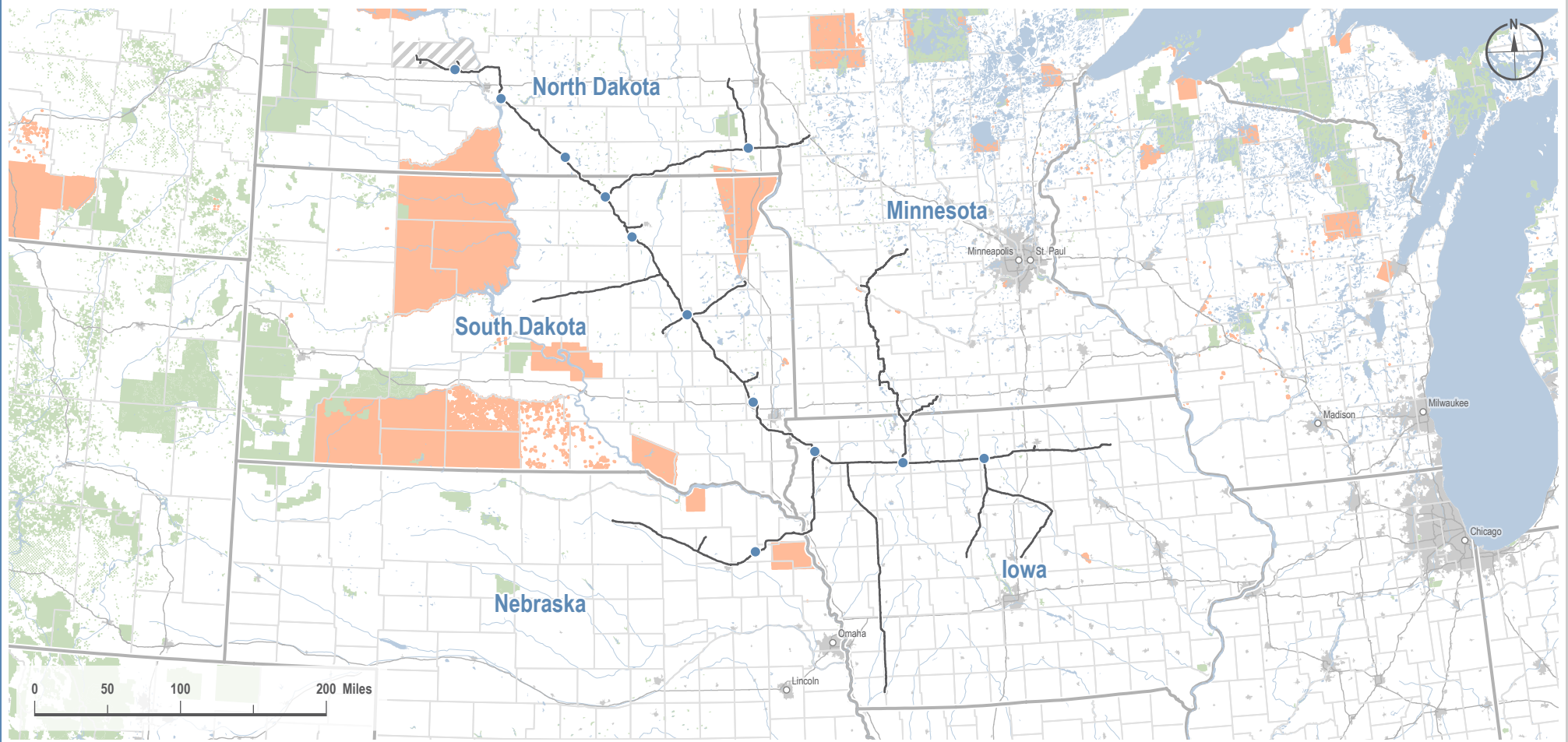
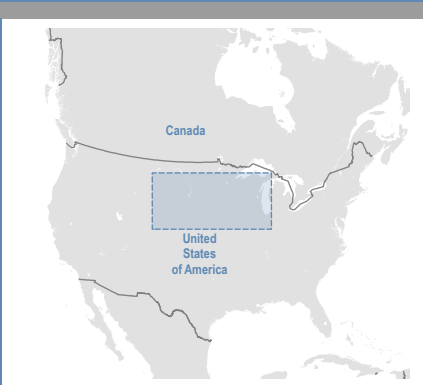


PROJECT OVERVIEW MAP



VICINITY MAP



LEGEND

- Proposed Project Route
- Pump Station
- City / Town
- State Boundary
- County Boundary
- Highway
- River / Stream
- Waterbody
- Urban Area
- Federal Land
- American Indian Reservation or Trust Land
- Sequestration Evaluation Are

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MIDWEST CARBON EXPRESS PROJECT

Figure Title:

**Project Overview Map**

Figure Number:

**Figure 1**

Scale:

**1 : 6,500,000**

1 inch equals 102.59 miles

Projection:

**Transverse Mercator**

NAD 1983 UTM Zone 14N

REVISIONS

Date: 2022-10-12

Revised by: PD

Checked by: SB

**1 - Re-issued for SDPUC Application**

Date: 2023-08-24

Revised by: DG

Checked by: SB

**2 - Re-issued for SDPUC Application**

Sheet:

**1**

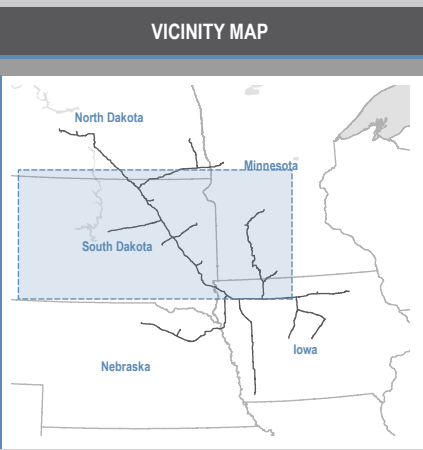
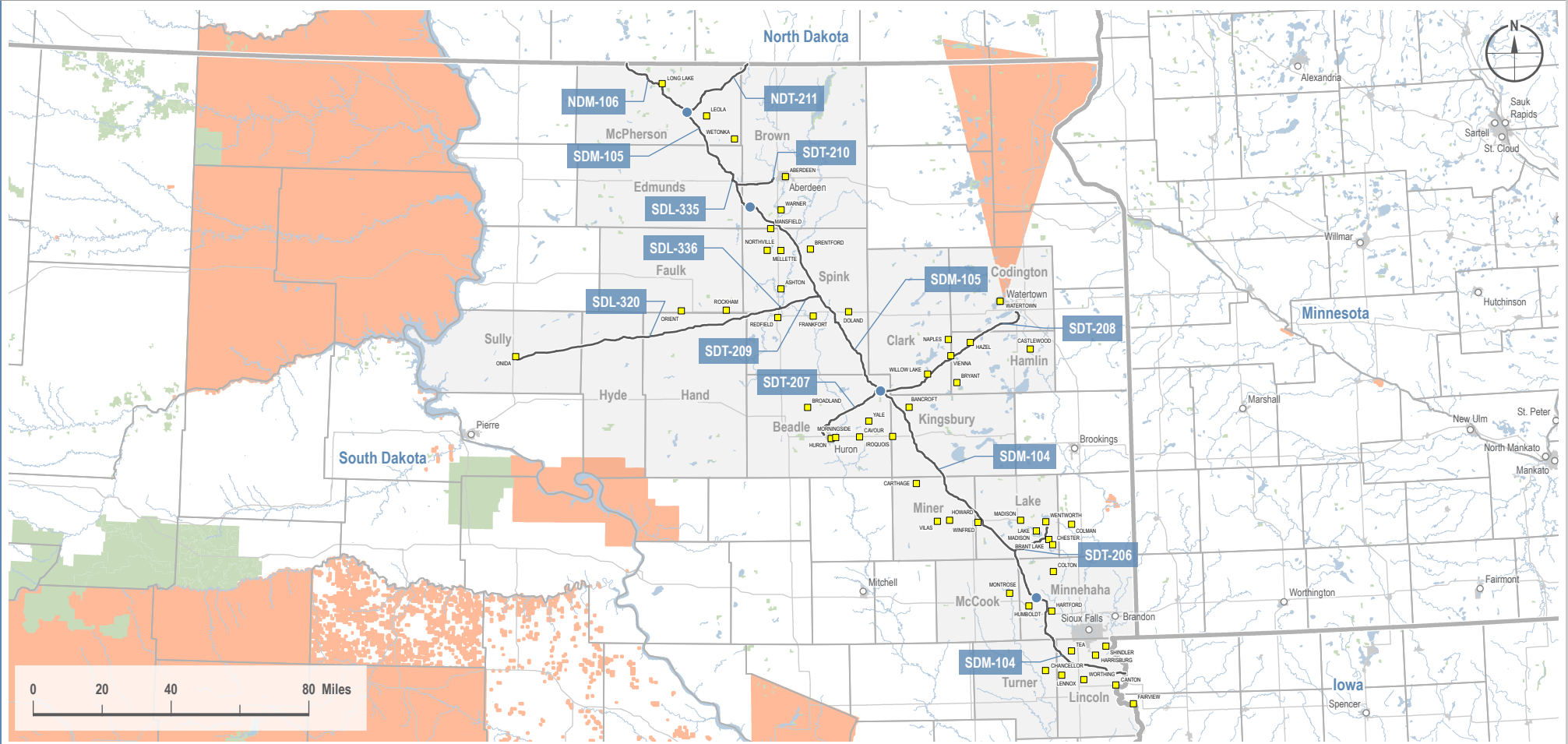
1 of 1

Drawing Number:

**1002-06-001**

Revision 2

PROJECT OVERVIEW MAP - SOUTH DAKOTA



### LEGEND

Proposed Project Route (as of 2023-08-23)	County Boundary	River / Stream
Populated Place within 10 miles of the Project	State Boundary	Waterbody
Pump Station	City / Town	Federal Land
	Urban Area	American Indian Reservation or Trust Land
	Highway	

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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### REVISIONS

Date: 2022-10-03	Revised by: PD	Checked by: SB
<b>1 - Issued for SDPUC Application</b>		
Date: 2023-08-24	Revised by: DG	Checked by: SB
<b>2 - Re-Issued for SDPUC Application</b>		

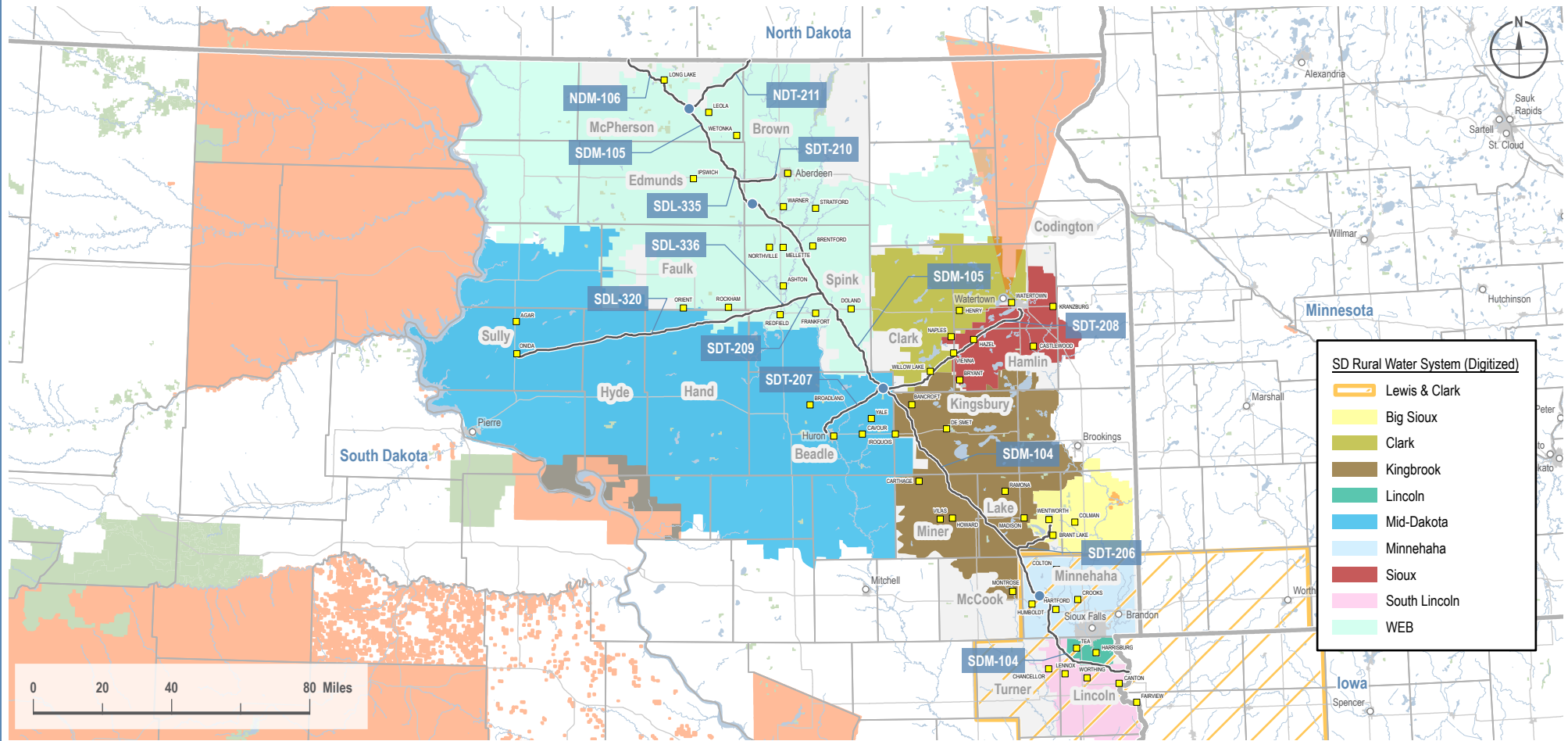
### MIDWEST CARBON EXPRESS PROJECT

Figure Title: **Project Overview Map South Dakota**

Figure Number: **Figure 2**

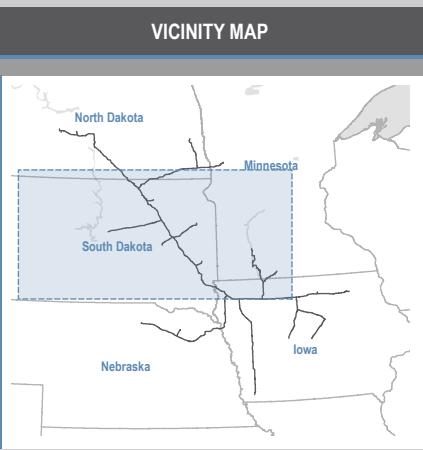
Scale: <b>1 : 2,750,000</b> 1 inch equals 43.4 miles	Projection: <b>Transverse Mercator</b> NAD 1983 UTM Zone 14N
Sheet: <b>1</b> 1 of 1	Drawing Number: <b>1003-01-004</b> Revision 2

# SOUTH DAKOTA RURAL WATER SYSTEM AREAS CROSSED BY THE PROJECT



**SD Rural Water System (Digitized)**

- Lewis & Clark
- Big Sioux
- Clark
- Kingbrook
- Lincoln
- Mid-Dakota
- Minnehaha
- Sioux
- South Lincoln
- WEB



### LEGEND

Proposed Project Route	County Boundary	River / Stream
Populated Place within 10 miles of the Project	State Boundary	Waterbody
Pump Station	City / Town	Federal Land
	Urban Area	American Indian Reservation or Trust Land
	Highway	

**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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### REVISIONS

Date: 2022-10-03	Revised by: PD	Checked by: SB
<b>1 - Re-issued for SDPUC Application</b>		
Date: 2023-08-24	Revised by: DG	Checked by: SB
<b>2 - Re-issued for SDPUC Application</b>		

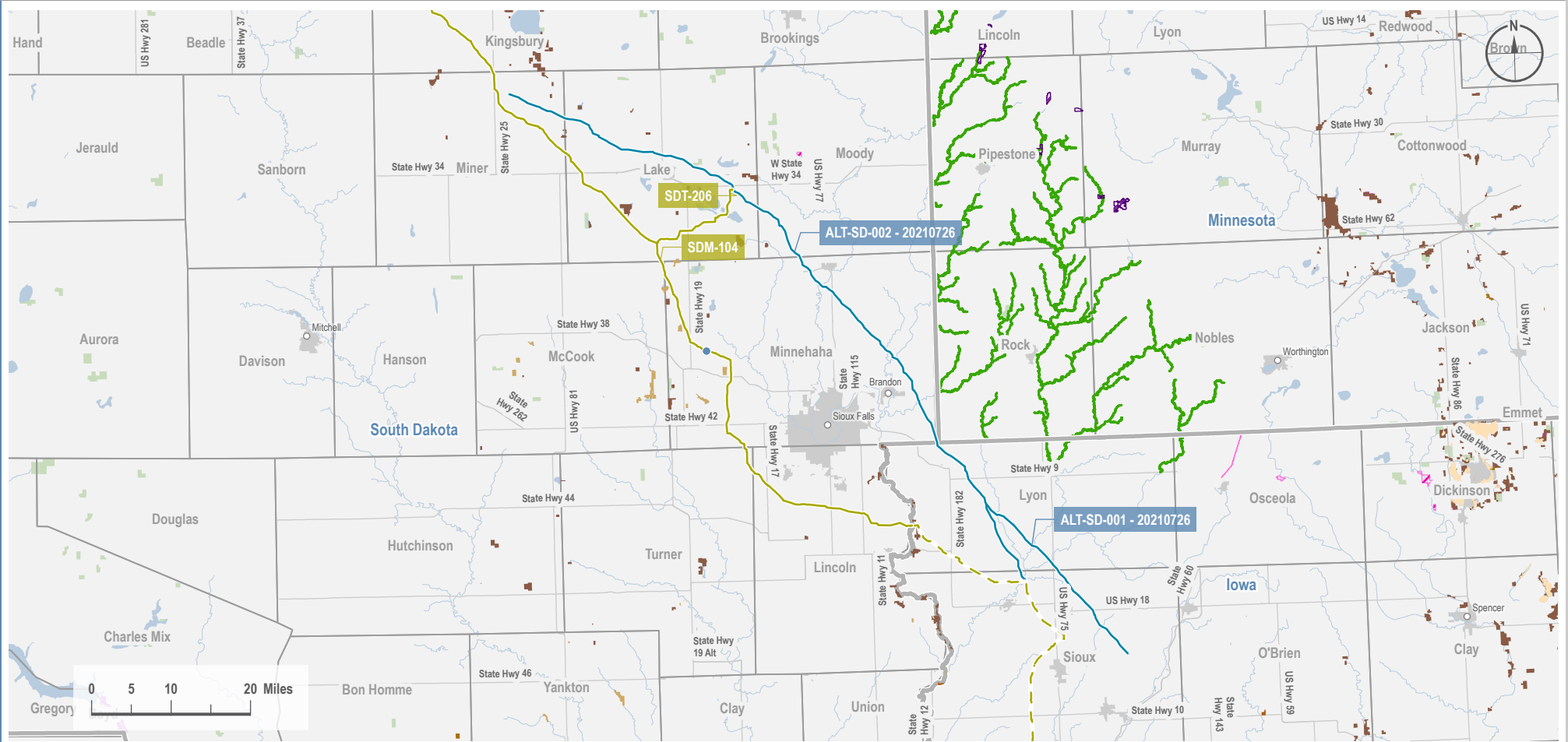
### MIDWEST CARBON EXPRESS PROJECT

Figure Title:  
**Rural Water System Areas  
 Crossed by the Project  
 South Dakota**

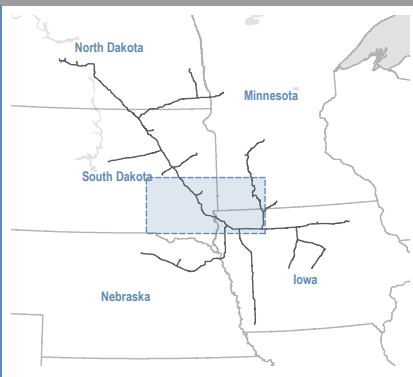
Figure Number:  
**Figure 4**

Scale: <b>1 : 2,750,000</b> 1 inch equals 43.4 miles	Projection: <b>Transverse Mercator</b> NAD 1983 UTM Zone 14N
Sheet: <b>1</b> 1 of 1	Drawing Number: <b>1003-01-007</b> Revision 2

PROJECT ALTERNATIVES MAP - SOUTH DAKOTA



VICINITY MAP



LEGEND

- Proposed Project Route (SD)
  - - - Proposed Project Route (Other States)
  - Alternatives Eliminated From Further Consideration
  - Pump Station
  - City / Town
  - County Boundary
  - State Boundary
  - Urban Area
  - USFWS Critical Habitat
  - Dakota Skipper
  - Piping Plover
  - Poweshiek skipperling
  - Topeka shiner
  - River / Stream
  - Waterbody
  - Federal Land
  - State & Local Conservation Lands
  - Local Conservation Area
  - Local Park
  - Research or Educational Area
  - State Conservation Area
  - State Other or Unknown
  - State Park
  - State Recreation Area
- Layout and Contractor Yards are approximate locations and subject to change
- 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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MIDWEST CARBON EXPRESS PROJECT

Figure Title:  
**Route Alternatives South Dakota**

REVISIONS

Date: 2022-02-07	Revised by: GS	Checked by: PD
<b>0 - Issued for SDPUC Application</b>		
Date: 2023-08-24	Revised by: DG	Checked by: SB
<b>1 - Re-Issued for SDPUC Application</b>		

Figure Number:  
**Figure 4-1: Alt-SD-001 & Alt-SD-002**

Scale:  
**1 : 1,192,000**  
 1 inch equals 18.81 miles

Projection:  
**Transverse Mercator**  
 NAD 1983 UTM Zone 14N

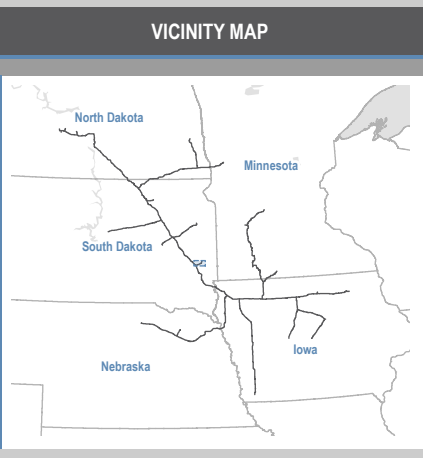
Sheet:  
**1**  
 1 of 4

Drawing Number:  
**0906-002-SD-ALT**  
 Revision 1

PROJECT ALTERNATIVES MAP - SOUTH DAKOTA



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### LEGEND

Proposed Project Route (SD)	County Boundary	River / Stream
Proposed Project Route (Other States)	State Boundary	Waterbody
Alternatives Eliminated From Further Consideration	Urban Area	Federal Land
Pump Station	PLSS Township	<b>State &amp; Local Conservation Lands</b>
	Transportation (TIGER)	State Conservation Area
	Primary or Secondary Road	State Recreation Area

Laydown and Contractor Yards are approximate locations and subject to change

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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### REVISIONS

Date: 2022-02-07	Revised by: GS	Checked by: PD
<b>0 - Issued for SDPUC Application</b>		
Date: 2023-08-24	Revised by: DG	Checked by: SB
<b>1 - Re-Issued for SDPUC Application</b>		

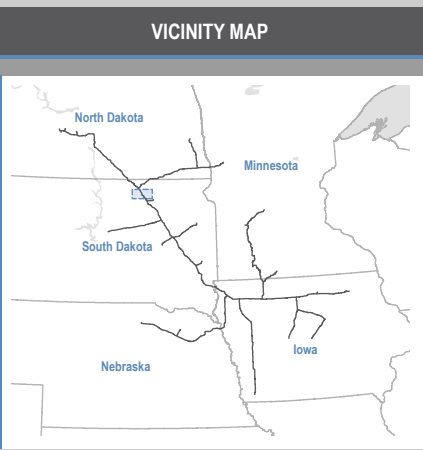
### MIDWEST CARBON EXPRESS PROJECT

Figure Title:  
**Route Alternatives South Dakota**

Figure Number:  
**Figure 4-2: Alt-SD-003, Alt-SD-004, & Alt-SD-005**

Scale: <b>1 : 115,000</b> 1 inch equals 1.82 miles	Projection: <b>Transverse Mercator</b> NAD 1983 UTM Zone 14N
Sheet: <b>2</b> 2 of 4	Drawing Number: <b>0906-002-SD-ALT</b> Revision 1

PROJECT ALTERNATIVES MAP - SOUTH DAKOTA



### LEGEND

Proposed Project Route (SD)	County Boundary	River / Stream
Proposed Project Route (Other States)	State Boundary	Waterbody
Alternatives Eliminated From Further Consideration	Urban Area	Federal Land
Pump Station	PLSS Township	<b>State &amp; Local Conservation Lands</b>
	Transportation (TIGER)	State Conservation Area
	Primary or Secondary Road	State Recreation Area

Laydown and Contractor Yards are approximate locations and subject to change

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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### REVISIONS

Date: 2022-02-07	Revised by: GS	Checked by: PD
<b>0 - Issued for SDPUC Application</b>		
Date: 2023-08-24	Revised by: DG	Checked by: SB
<b>1 - Re-Issued for SDPUC Application</b>		

### MIDWEST CARBON EXPRESS PROJECT

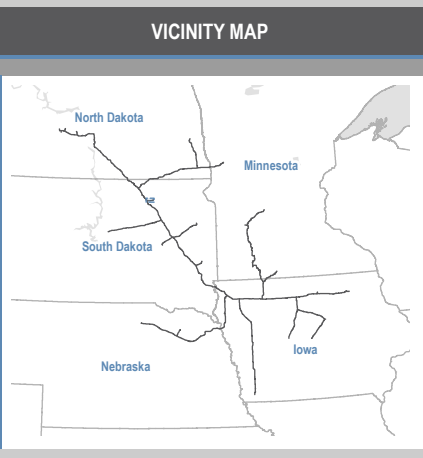
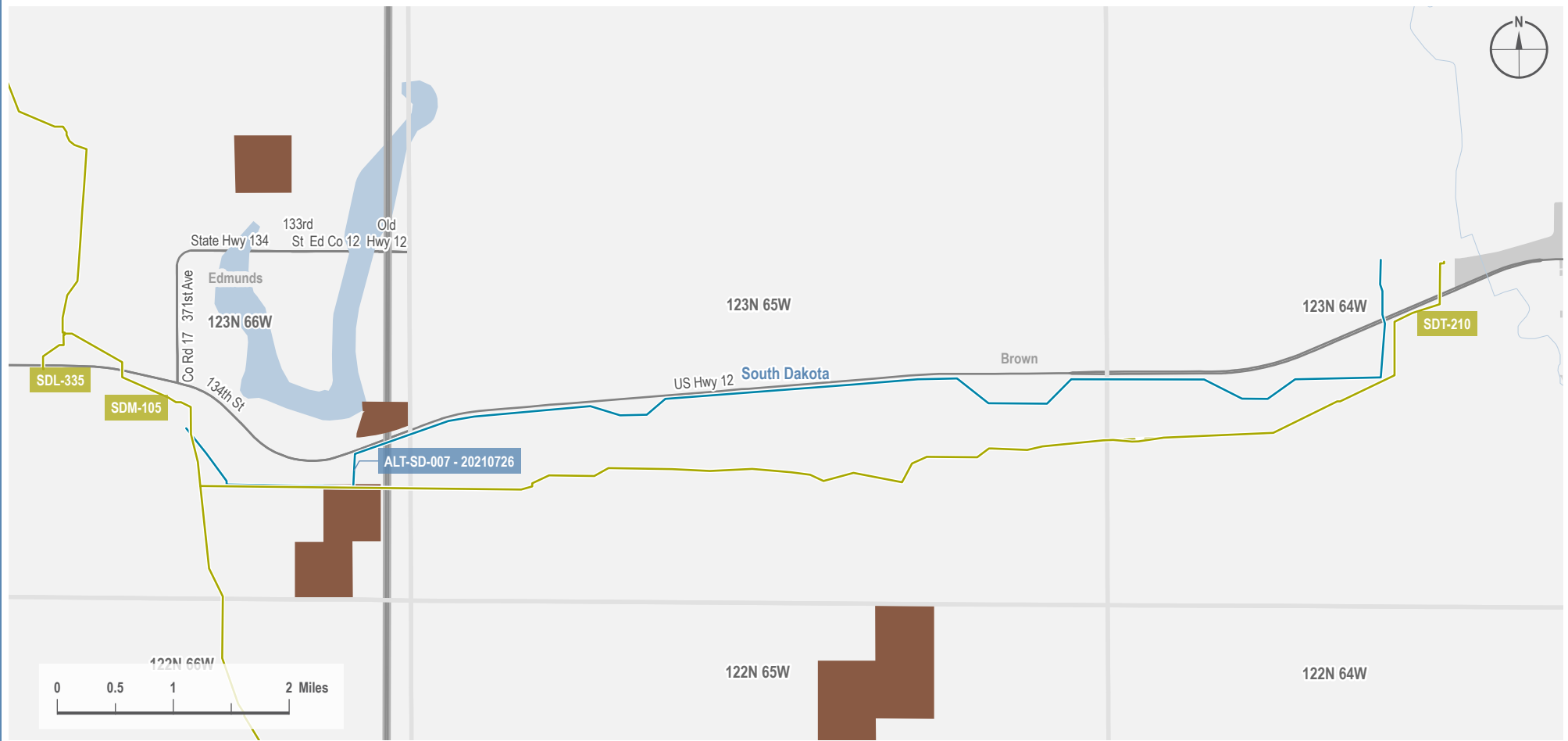
Figure Title:  
**Route Alternatives South Dakota**

Figure Number:  
**Figure 4-3: Alt-SD-006**

Scale: <b>1 : 200,000</b> 1 inch equals 3.16 miles	Projection: <b>Transverse Mercator</b> NAD 1983 UTM Zone 14N
Sheet: <b>3</b> 3 of 4	Drawing Number: <b>0906-002-SD-ALT</b> Revision 1

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PROJECT ALTERNATIVES MAP - SOUTH DAKOTA

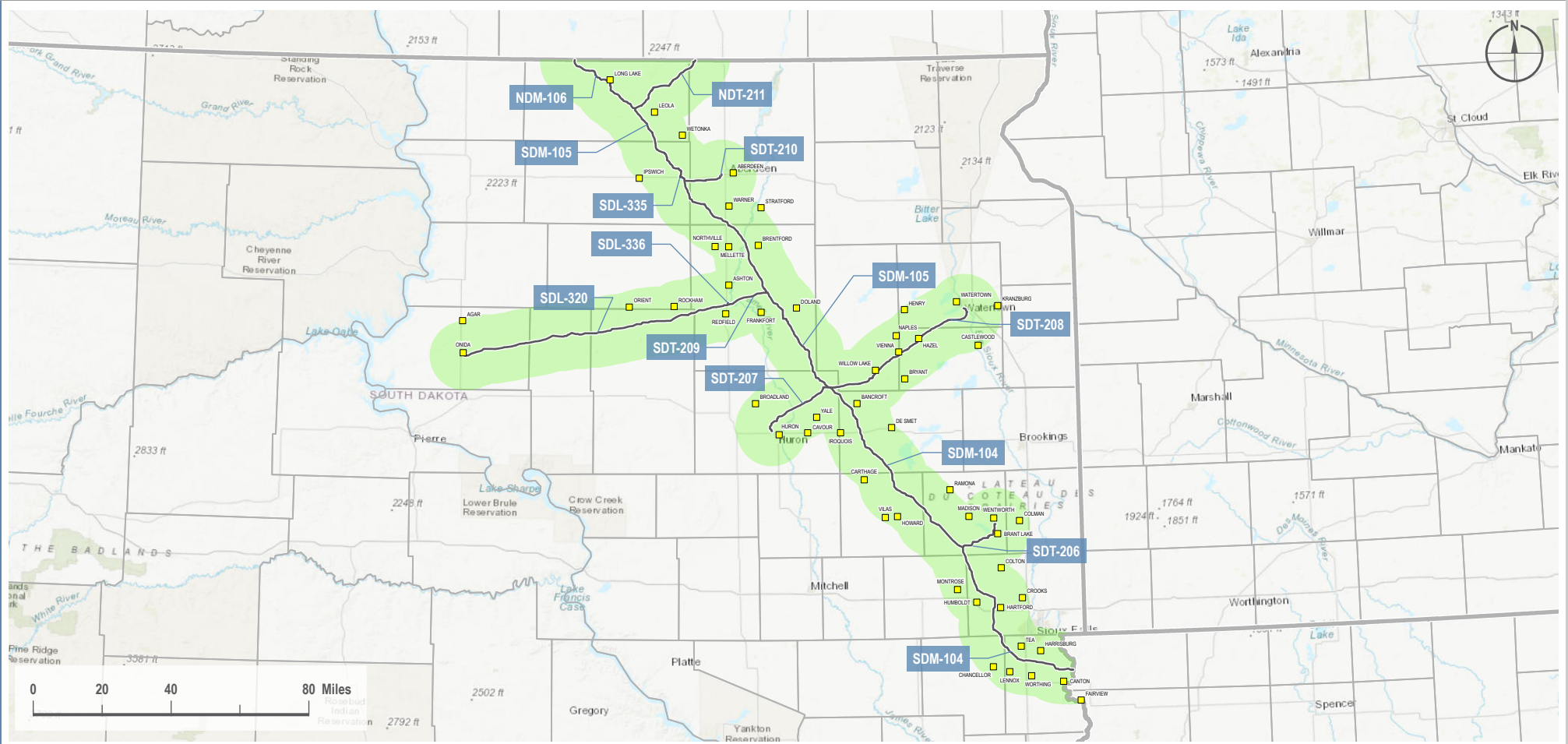


LEGEND	
Proposed Project Route (SD)	County Boundary
Proposed Project Route (Other States)	State Boundary
Alternatives Eliminated From Further Consideration	Urban Area
Pump Station	PLSS Township
	Transportation (TIGER)
	Primary or Secondary Road
	River / Stream
	Waterbody
	Federal Land
	State & Local Conservation Lands
	State Conservation Area
Laydown and Contractor Yards are approximate locations and subject to change	
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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<b>Summit Carbon Solutions</b> 1805 Collaboration Place, Suite 1200 Ames, Iowa 50010 United States of America <a href="http://www.summitcarbonsolutions.com">www.summitcarbonsolutions.com</a>	
REVISIONS	
Date: 2022-02-07	Revised by: GS
<b>0 - Issued for SDPUC Application</b>	
Date: 2023-08-24	Revised by: DG
<b>1 - Re-Issued for SDPUC Application</b>	

MIDWEST CARBON EXPRESS PROJECT	
Figure Title:	<b>Route Alternatives South Dakota</b>
Figure Number:	<b>Figure 4-4: Alt-SD-007</b>
Scale:	Projection:
<b>1 : 82,000</b>	<b>Transverse Mercator</b>
1 inch equals 1.29 miles	NAD 1983 UTM Zone 14N
Sheet:	Drawing Number:
<b>4</b>	<b>0906-002-SD-ALT</b>
4 of 4	Revision 1

POPULATED PLACES WITHIN 10 MILES OF THE PROJECT - SOUTH DAKOTA



Disclaimer: Content on this figure is preliminary, and must be treated as confidential and proprietary. Sources are believed to be reliable and SCS does not assume responsibility for accuracy of data.

VICINITY MAP	LEGEND	PREPARED BY	SUMMIT CARBON SOLUTIONS PROJECT	
	<ul style="list-style-type: none"> <li><span style="color: yellow;">■</span> Populated Place (City, Town, or Village)</li> <li><span style="border-bottom: 1px solid black; width: 20px; display: inline-block;"></span> Proposed Project Route</li> <li><span style="background-color: #90EE90; width: 20px; height: 10px; display: inline-block;"></span> 10 Mile Project Buffer</li> <li><span style="border-bottom: 1px solid gray; width: 20px; display: inline-block;"></span> State Boundary</li> <li><span style="border: 1px solid gray; width: 10px; height: 10px; display: inline-block;"></span> County Boundary</li> </ul> <p>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</p>	<p><b>Summit Carbon Solutions</b>                      2321 North Loop Drive, Suite 221                      Ames, Iowa 50010                      United States of America</p> <p><a href="http://www.summitcarbonsolutions.com">www.summitcarbonsolutions.com</a></p>	<p>Figure Title:  <b>Populated Places within 10 miles of the Project South Dakota</b></p>	
		<b>REVISIONS</b>	<p>Figure Number: <b>Figure 5</b></p>	
		<p>Date: 2022-10-03    Revised by: PD    Checked by: SB</p> <p><b>1 - Issued for SDPUC Application</b></p>	<p>Scale:  <b>1 : 2,750,000</b>                      1 inch equals 43.4 miles</p>	<p>Projection:  <b>Transverse Mercator</b>                      NAD 1983 UTM Zone 14N</p>
		<p>Date: 2023-08-24    Revised by: DG    Checked by: SB</p> <p><b>2 - Issued for SDPUC Application</b></p>	<p>Sheet:  <b>1</b>                      1 of 1</p>	<p>Drawing Number:  <b>1002-06-003</b>                      Revision 2</p>

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