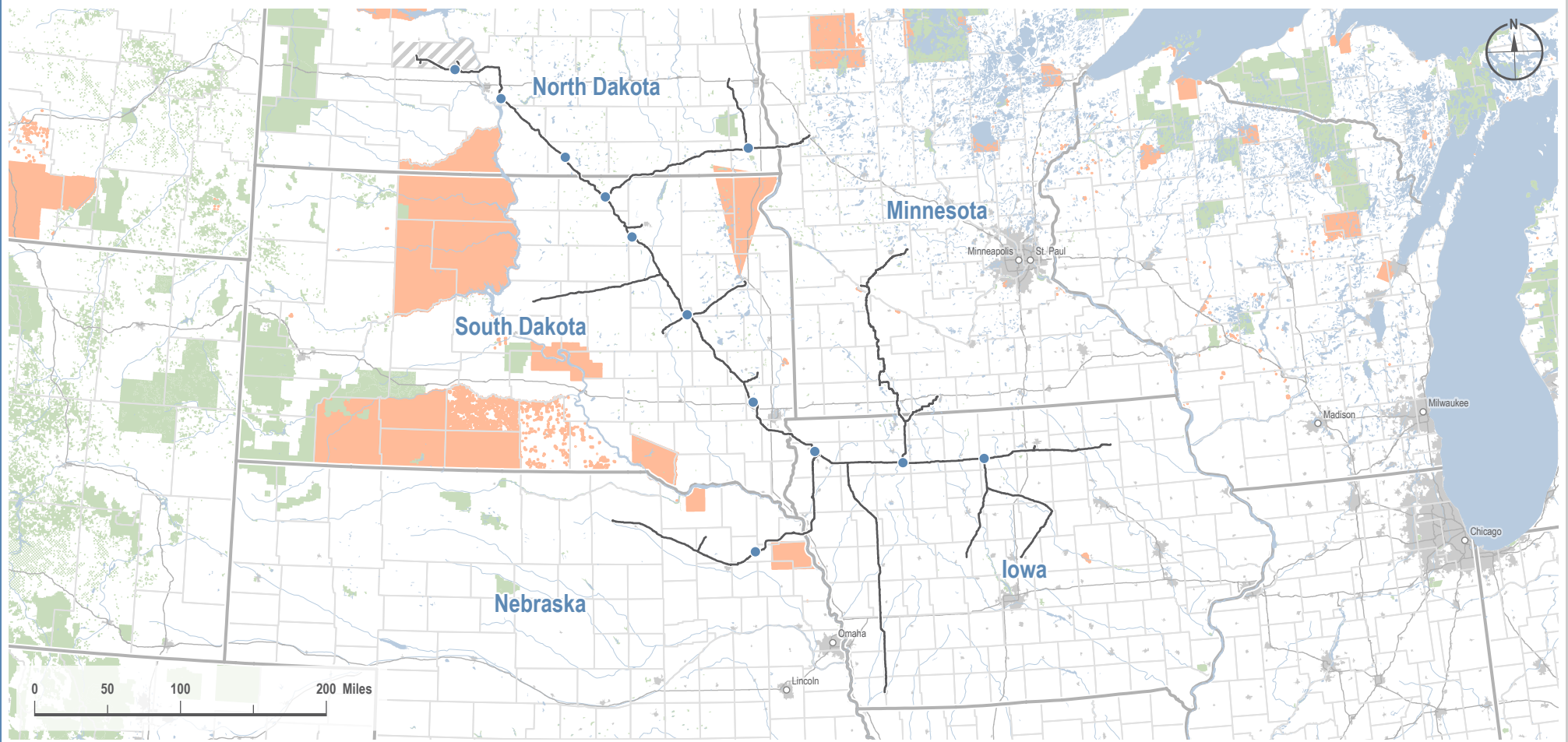


PROJECT OVERVIEW MAP



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**

REVISIONS

Date: 2022-10-12    Revised by: PD    Checked by: SB

**1 - Re-Issued for SDPUC Application**

Figure Number:

**Figure 1**

Scale:  
**1 : 6,500,000**  
1 inch equals 102.59 miles

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

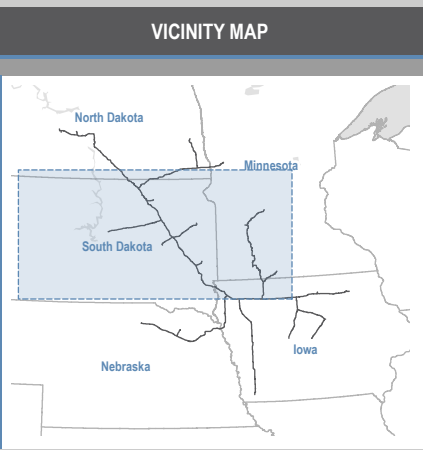
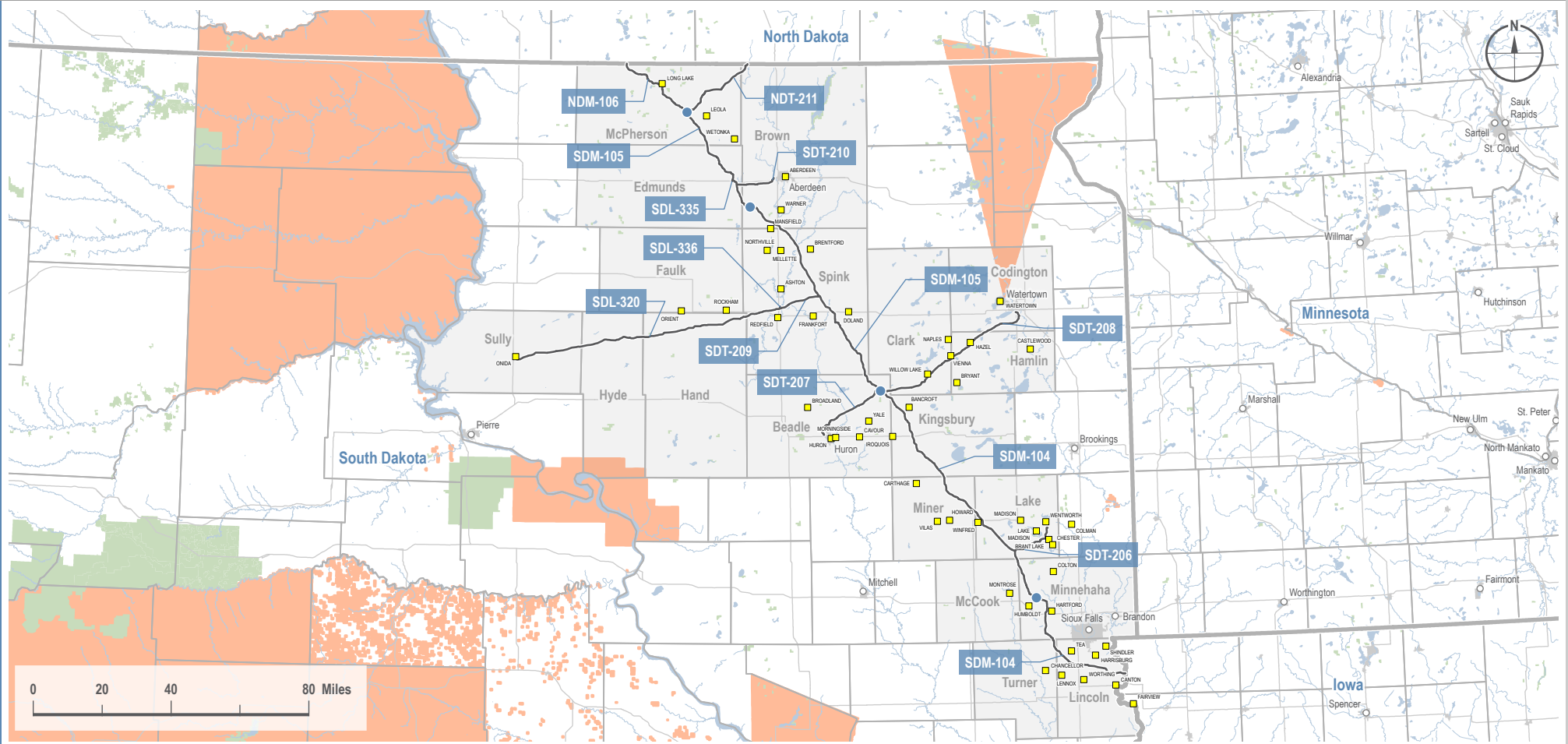
Date: 2023-08-24    Revised by: DG    Checked by: SB

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

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>		

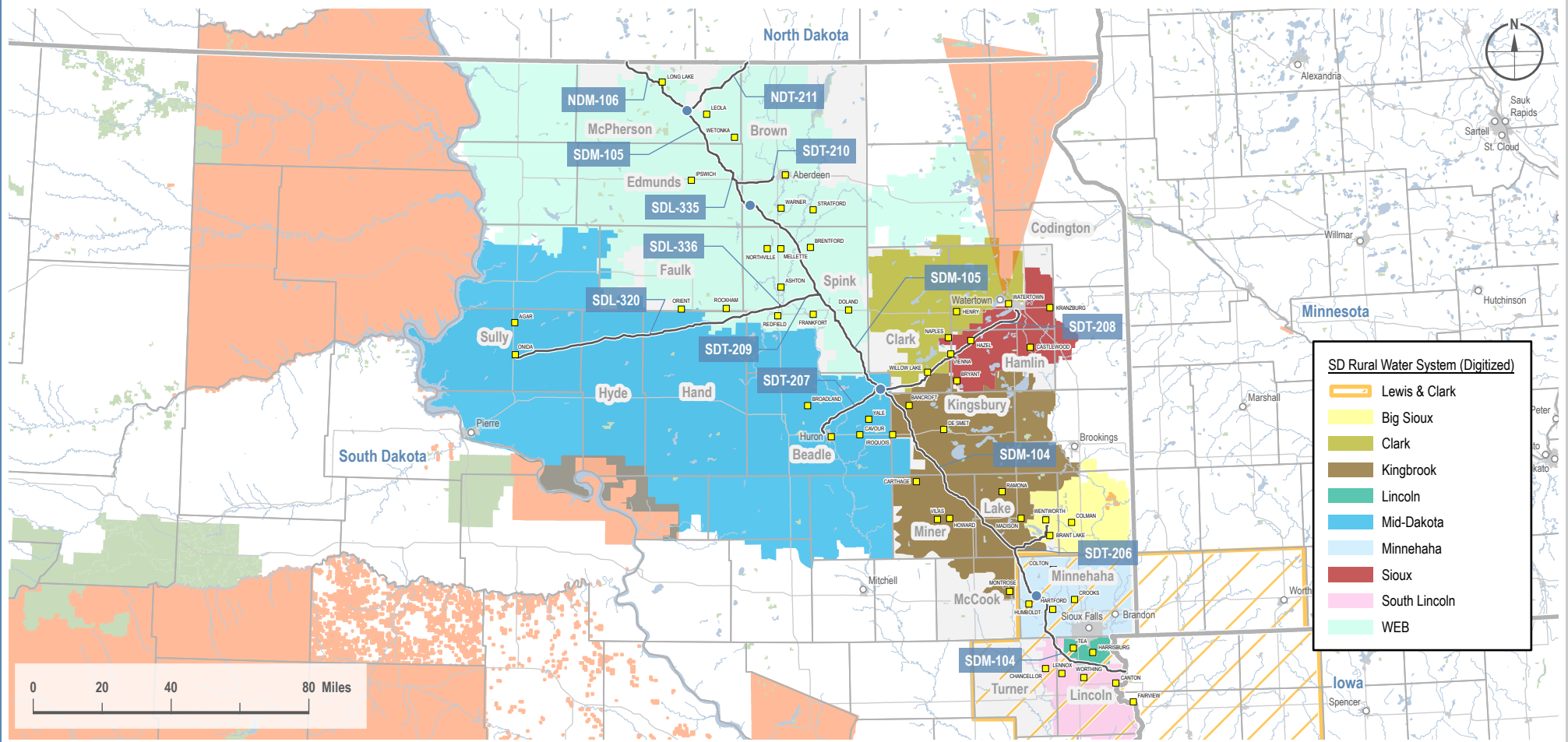
### MIDWEST CARBON EXPRESS PROJECT

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

Figure Number: **Figure 2**

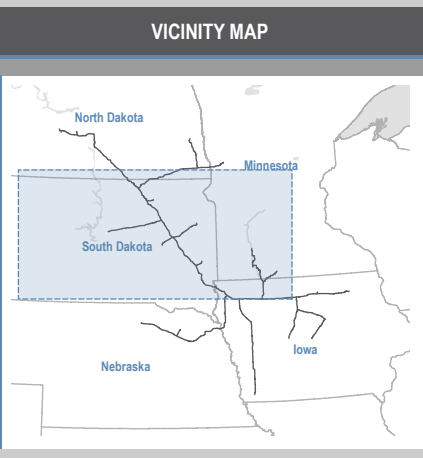
Scale: <b>1 : 2,750,000</b> 1 inch equals 43.4 miles	Projection: <b>Transverse Mercator</b> NAD 1983 UTM Zone 14N
Sheet: <b>1</b> 1 of 1	Drawing Number: <b>1003-01-004</b> Revision 2

# 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

<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 20px; border-bottom: 1px solid black; margin-right: 5px;"></span> Proposed Project Route</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: yellow; border: 1px solid black; margin-right: 5px;"></span> Populated Place within 10 miles of the Project</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: blue; border-radius: 50%; border: 1px solid black; margin-right: 5px;"></span> Pump Station</li> </ul> <p style="font-size: small; margin-top: 10px;">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>	<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; border-top: 1px dashed black; margin-right: 5px;"></span> County Boundary</li> <li><span style="display: inline-block; width: 15px; border-top: 1px solid black; margin-right: 5px;"></span> State Boundary</li> <li><span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; border-radius: 50%; margin-right: 5px;"></span> City / Town</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: gray; border: 1px solid black; margin-right: 5px;"></span> Urban Area</li> <li><span style="display: inline-block; width: 15px; border-bottom: 1px solid black; margin-right: 5px;"></span> Highway</li> </ul>	<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: lightblue; border: 1px solid black; margin-right: 5px;"></span> River / Stream</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: lightblue; border: 1px solid black; margin-right: 5px;"></span> Waterbody</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: lightgreen; border: 1px solid black; margin-right: 5px;"></span> Federal Land</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: orange; border: 1px solid black; margin-right: 5px;"></span> American Indian Reservation or Trust Land</li> </ul>
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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:  
**1 : 2,750,000**  
1 inch equals 43.4 miles

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

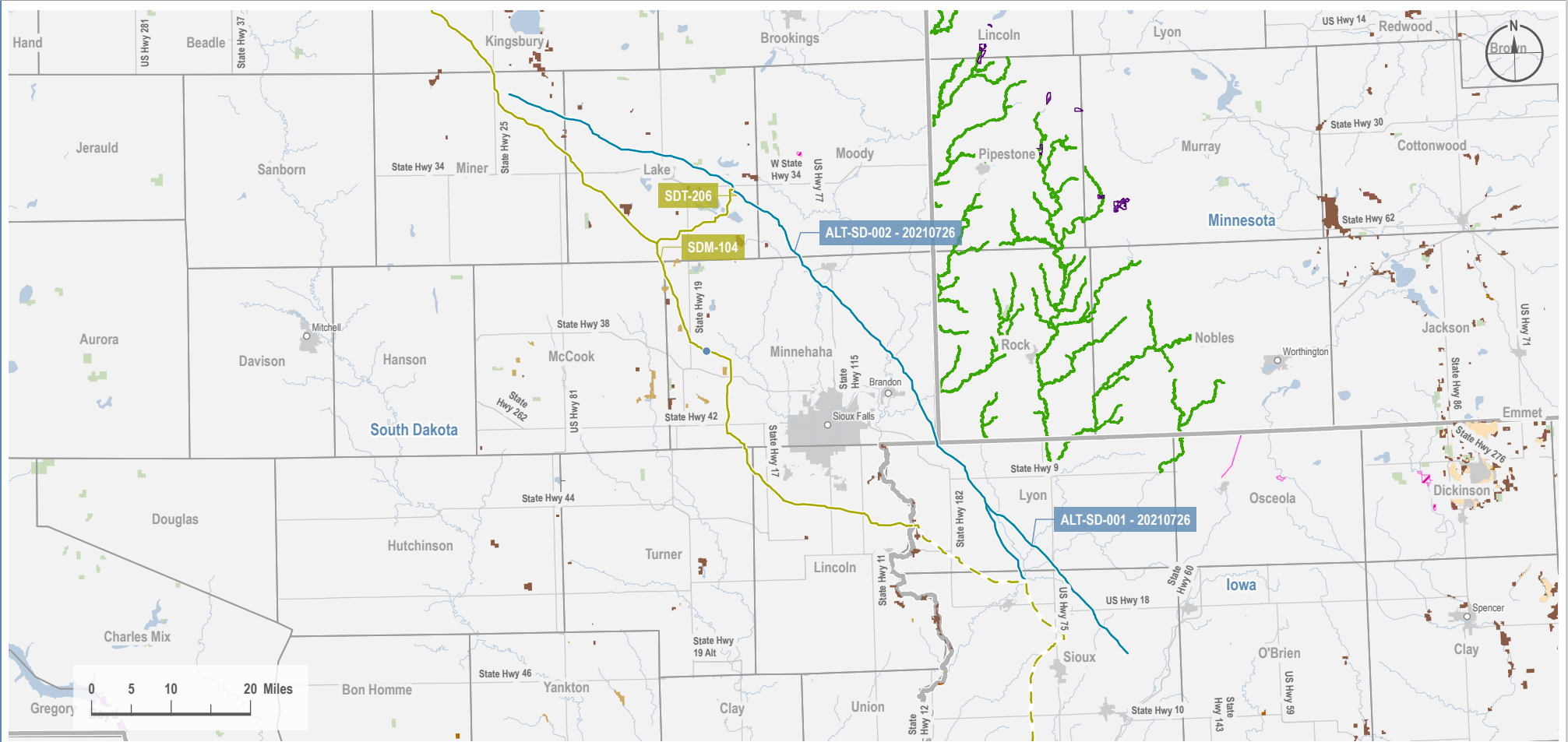
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Sheet:  
**1**  
1 of 1

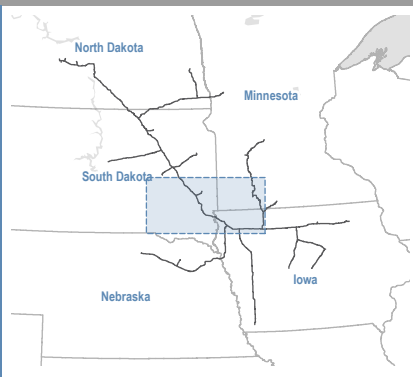
Drawing Number:  
**1003-01-007**  
Revision 2

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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

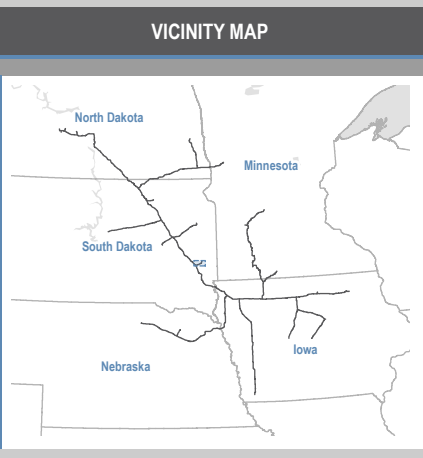
Date: 2022-02-07	Revised by: GS	Checked by: PD
<b>0 - Issued for SDPUC Application</b>		
Date: 2023-08-24	Revised by: DG	Checked by: SB
<b>1 - Re-Issued for SDPUC Application</b>		

Figure Number: <b>Figure 4-1: Alt-SD-001 &amp; Alt-SD-002</b>
Scale: <b>1 : 1,192,000</b> 1 inch equals 18.81 miles
Projection: <b>Transverse Mercator</b> NAD 1983 UTM Zone 14N
Sheet: <b>1</b> 1 of 4
Drawing Number: <b>0906-002-SD-ALT</b> 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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Date: 2023-08-24	Revised by: DG	Checked by: SB
<b>1 - Re-Issued for SDPUC Application</b>		

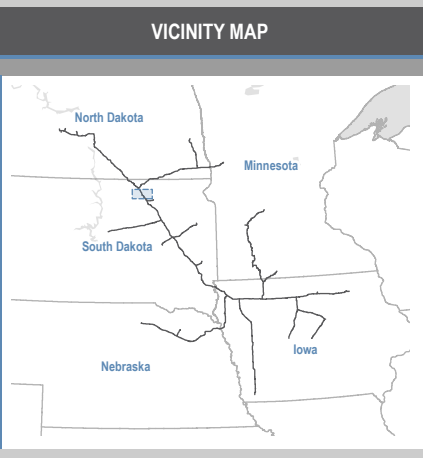
### MIDWEST CARBON EXPRESS PROJECT

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

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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>		

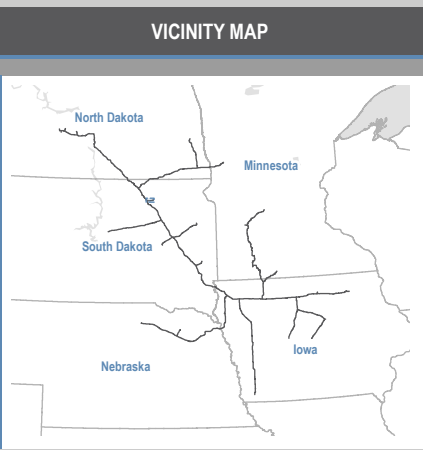
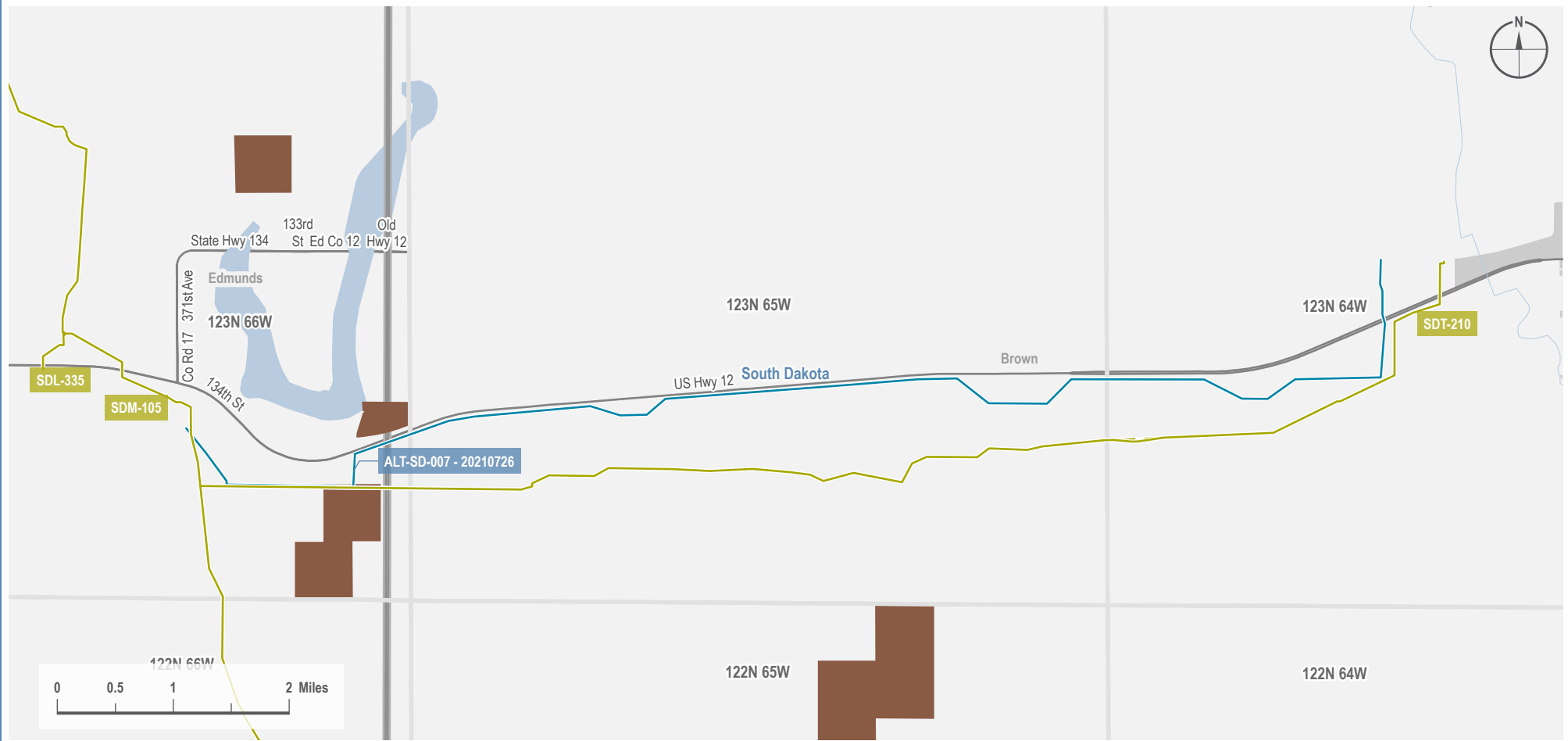
**MIDWEST CARBON EXPRESS PROJECT**

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

PROJECT ALTERNATIVES MAP - SOUTH DAKOTA

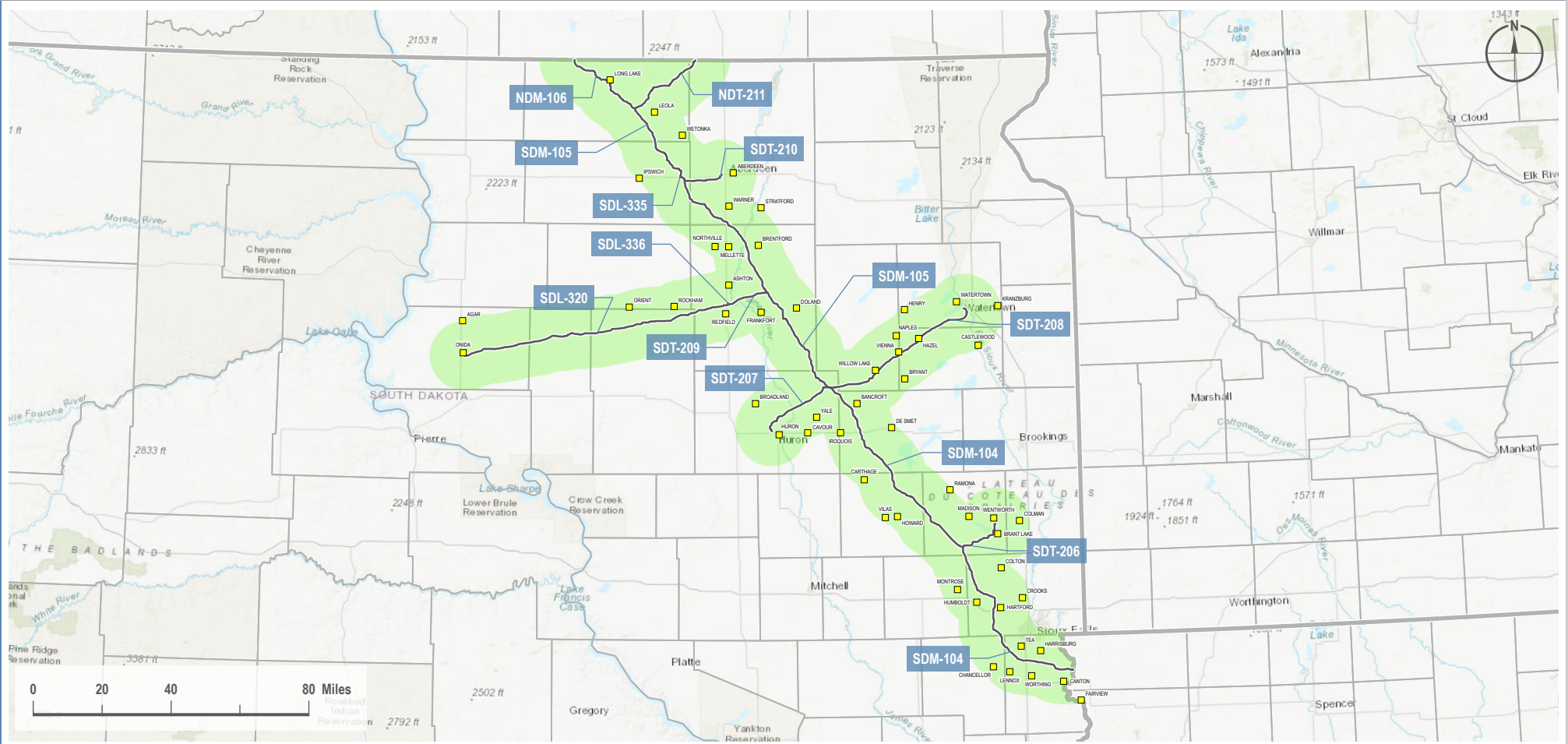


LEGEND		
Proposed Project Route (SD)	County Boundary	River / Stream
Proposed Project Route (Other States)	State Boundary	Waterbody
Alternatives Eliminated From Further Consideration	Urban Area	Federal Land
Pump Station	PLSS Township	<b>State &amp; Local Conservation Lands</b>
	Transportation (TIGER)	State Conservation Area
	Primary or Secondary Road	
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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Date: 2022-02-07	Revised by: GS	Checked by: PD
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Date: 2023-08-24	Revised by: DG	Checked by: SB
<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:	<b>1 : 82,000</b> 1 inch equals 1.29 miles
Projection:	<b>Transverse Mercator</b> NAD 1983 UTM Zone 14N
Sheet:	<b>4</b> 4 of 4
Drawing Number:	<b>0906-002-SD-ALT</b> 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="color: black;">—</span> Proposed Project Route</li> <li><span style="background-color: lightgreen; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></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  <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  <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  <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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