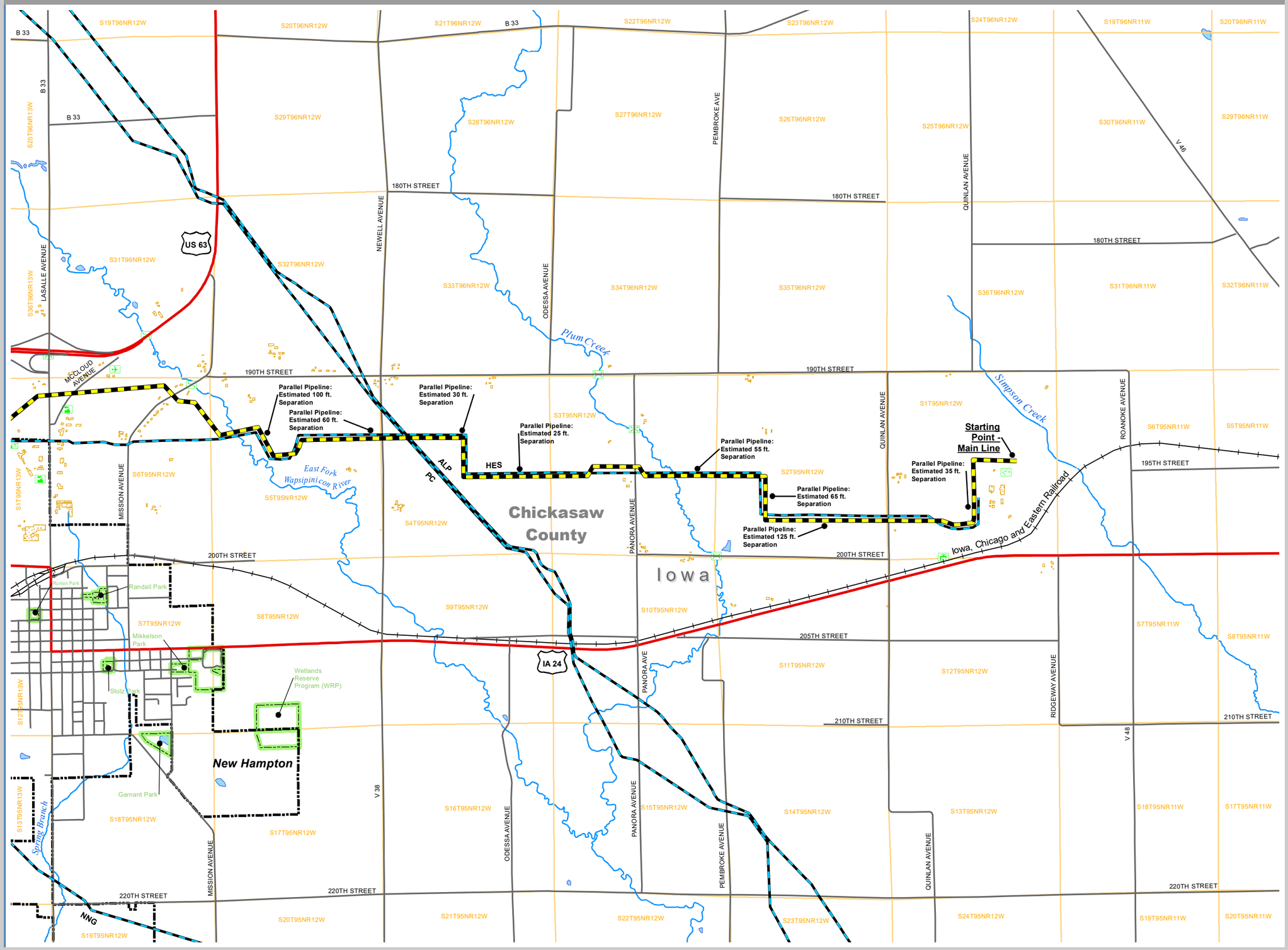
Filed with the Iowa Utilities Board on January 28, 2022, HLP-2021-0001

SUMMIT CARBON SOLUTIONS LLC - EXHIBIT B - ROUTE MAPS



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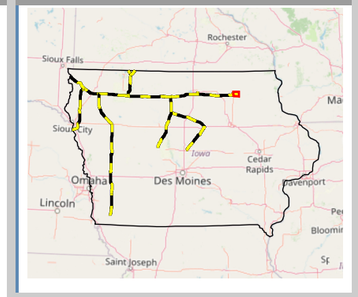

LEGEND

- Proposed Summit Pipeline
- Other Roadway
- Highway
- Railroads
- Structure Outline
- City Limits
- Conservation and Recreational Lands

Third-Party Pipeline

- ALP - Alliance Pipeline, Inc.
- HES - Homeland Energy Solutions, L.L.C.
- NNG - Northern Natural Gas Company
- PC - Pembina Cochin, L.L.C.

- Public Land Survey System
- Counties
- Waterway
- Lake/Pond
- Airport
- Bridge
- Ethanol/Oil and Gas Facility
- Petro Chemical Facility
- Utilities
- Water System

REVISIONS

Date:	Revised by:	Checked by:
2022-01-20		

PREPARED BY

Summit Carbon Solutions
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SUMMIT CARBON SOLUTIONS LLC PROJECT

Figure Title:
Summit - Route Map - Chickasaw County

Figure Number:
Exhibit B

Scale:
1:36,000
1 inch = 3,000 feet

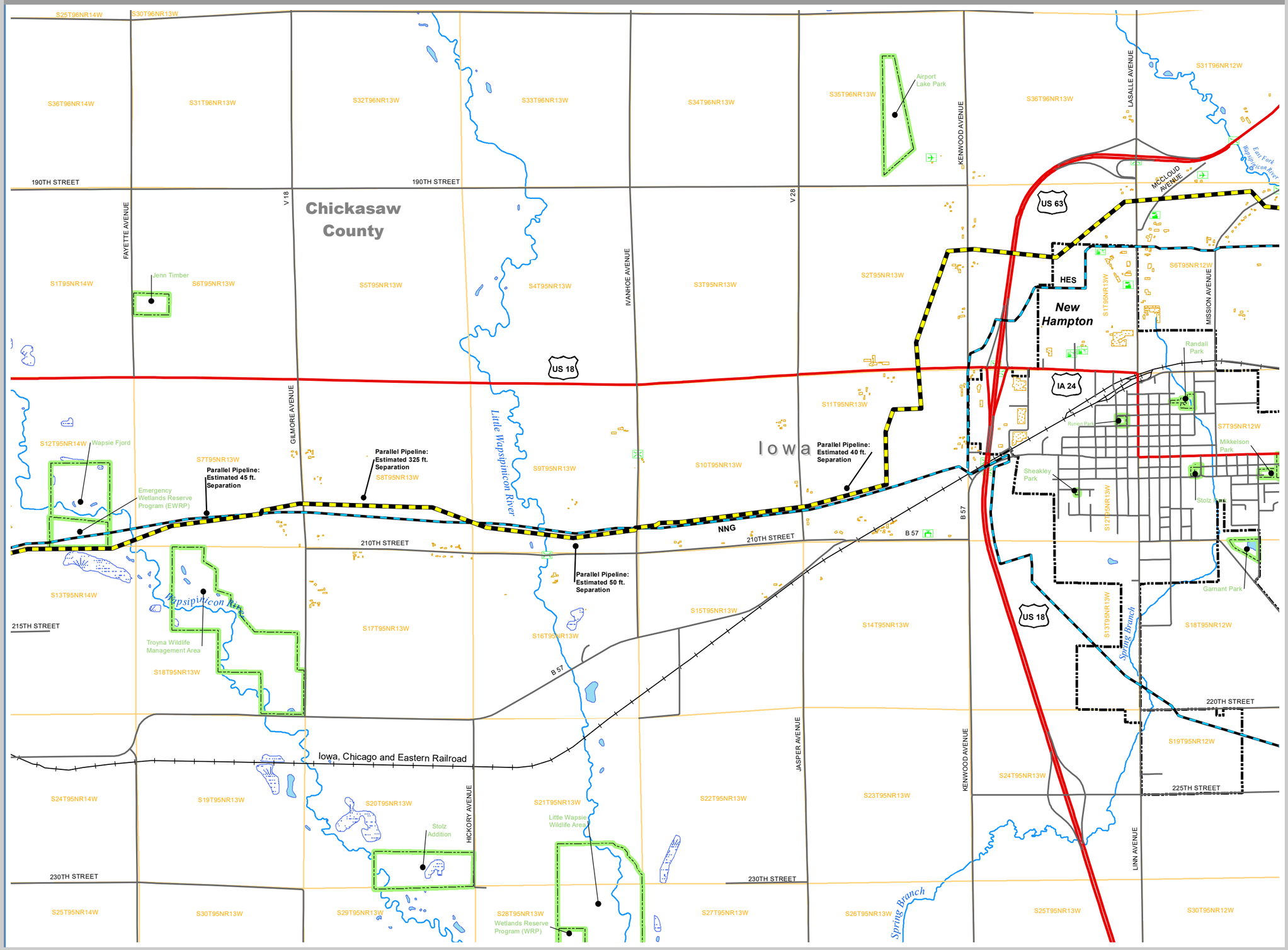
Projection:
Transverse Mercator
North American 1983

Route:
Main Line
Sheet 1 of 116

Drawing Number:
1
Current Revision

Filed with the Iowa Utilities Board on January 28, 2022, HLP-2021-0001

SUMMIT CARBON SOLUTIONS LLC - EXHIBIT B - ROUTE MAPS



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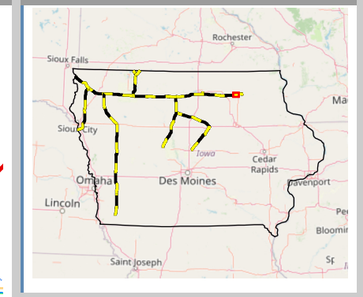

LEGEND

- Proposed Summit Pipeline
- Other Roadway
- Highway
- Railroads
- Structure Outline
- City Limits
- Conservation and Recreational Lands

Third-Party Pipeline

- HES - Homeland Energy Solutions, L.L.C.
- NNG - Northern Natural Gas Company

- Public Land Survey System
- Counties
- Waterway
- Lake/Pond
- Swamp/Marsh
- Airport
- Bridge
- Petro Chemical Facility
- Utilities
- Water System

REVISIONS

Date:	Revised by:	Checked by:
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SUMMIT CARBON SOLUTIONS LLC PROJECT

Figure Title:
Summit - Route Map - Chickasaw County

Figure Number:
Exhibit B

Scale:
1:36,000
1 inch = 3,000 feet

N

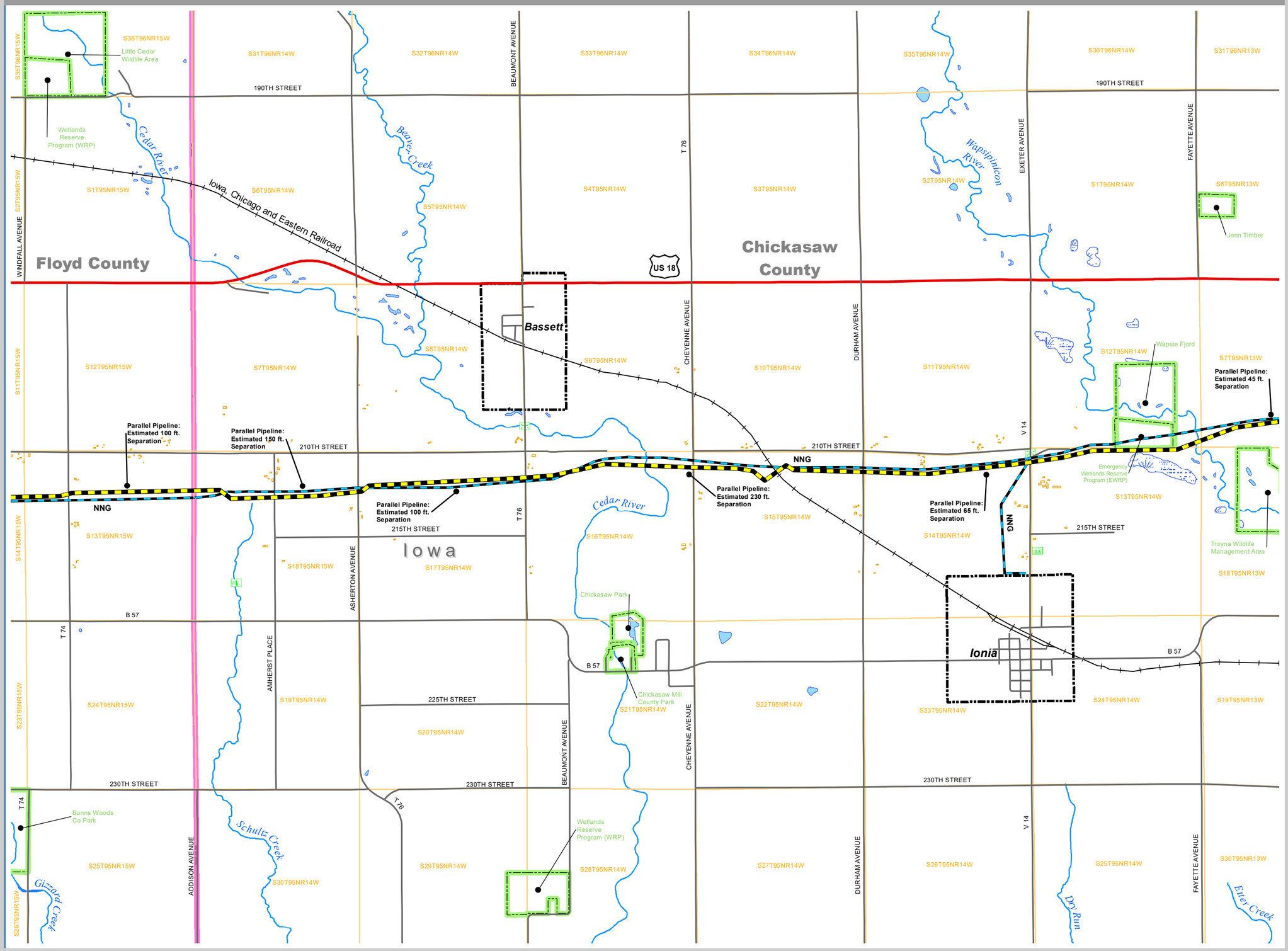
Projection:
Transverse Mercator
North American 1983

Route:
Main Line
Sheet 2 of 116

Drawing Number:
1
Current Revision

Filed with the Iowa Utilities Board on January 28, 2022, HLP-2021-0001

SUMMIT CARBON SOLUTIONS LLC - EXHIBIT B - ROUTE MAPS



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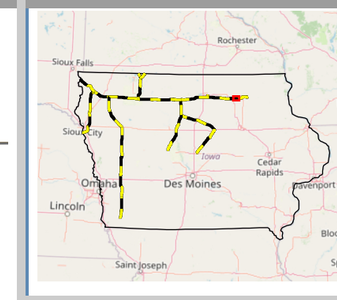

LEGEND

- Proposed Summit Pipeline
- Other Roadway
- Highway
- Railroads
- Structure Outline
- City Limits
- Conservation and Recreational Lands
- Public Land Survey System
- Counties
- Waterway
- Lake/Pond
- Swamp/Marsh
- Bridge
- Cemetery
- Dam

Third-Party Pipeline

- NNG - Northern Natural Gas Company

REVISIONS

Date:	Revised by:	Checked by:
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SUMMIT CARBON SOLUTIONS LLC PROJECT

Figure Title:

Summit - Route Map - Chickasaw County

Figure Number:

Exhibit B

Scale: 1:36,000
1 inch = 3,000 feet

N

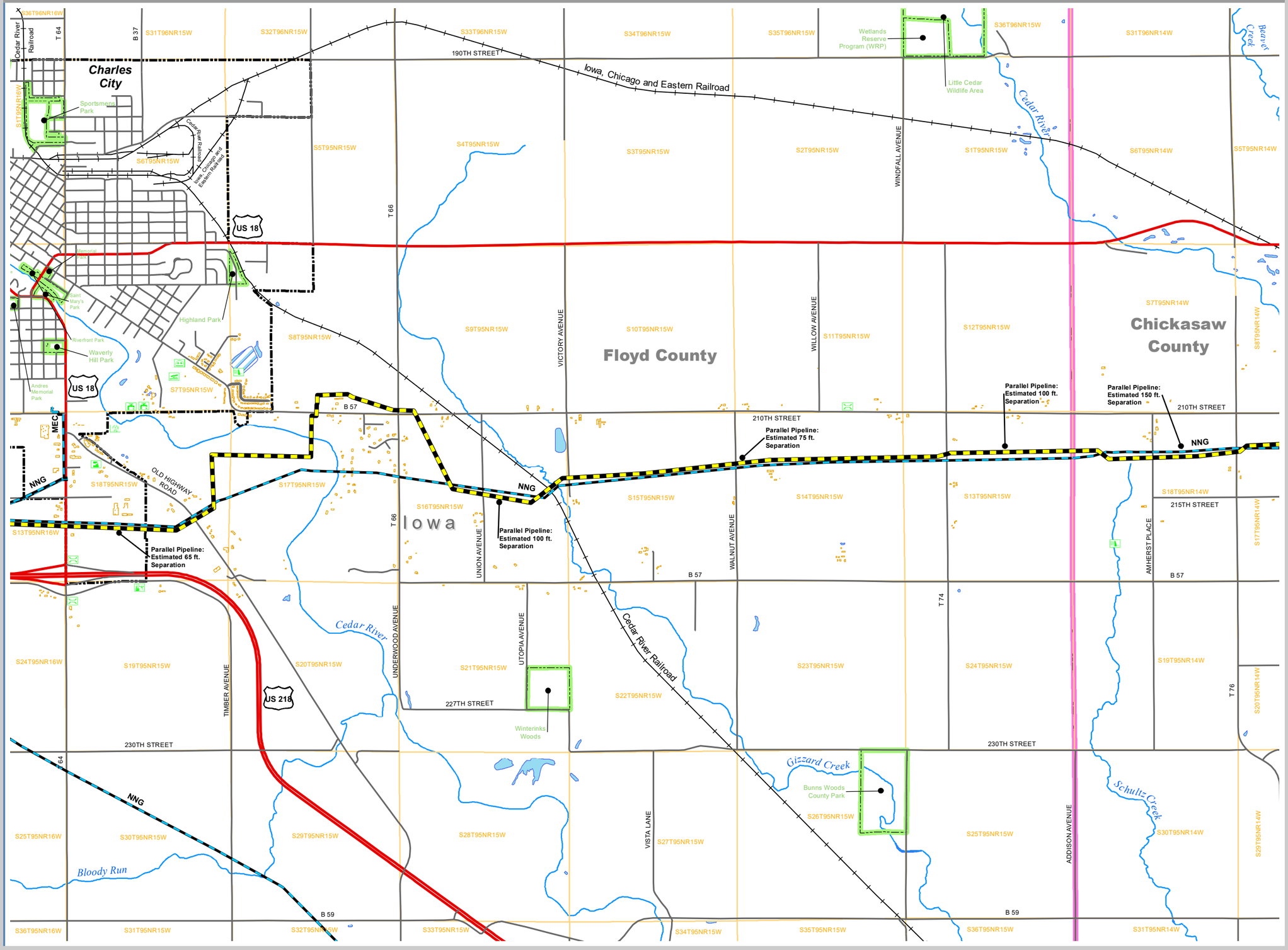
Projection: Transverse Mercator
North American 1983

Route: Main Line
Sheet 3 of 116

Drawing Number: 1
Current Revision

Filed with the Iowa Utilities Board on January 28, 2022, HLP-2021-0001

SUMMIT CARBON SOLUTIONS LLC - EXHIBIT B - ROUTE MAPS



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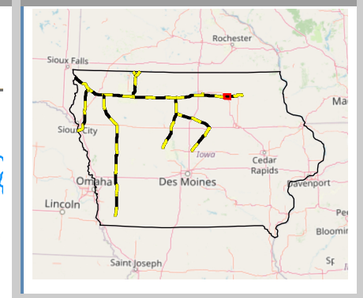

LEGEND

- Proposed Summit Pipeline
- Other Roadway
- Highway
- Railroads
- Structure Outline
- City Limits
- Conservation and Recreational Lands

Third-party Pipeline

- MEC - MidAmerican Energy Company
- NNG - Northern Natural Gas Company

- Public Land Survey System
- Counties
- Waterway
- Lake/Pond
- Reservoir
- Bridge
- Cemetery
- Dam
- Historic Site
- Petro Chemical Facility
- Radio Tower
- Utilities
- Water System

REVISIONS

Date:	Revised by:	Checked by:
2022-01-20		

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SUMMIT CARBON SOLUTIONS

SUMMIT CARBON SOLUTIONS LLC PROJECT

Figure Title:
Summit - Route Map - Floyd County

Figure Number:
Exhibit B

Scale:
1:36,000
1 inch = 3,000 feet

N

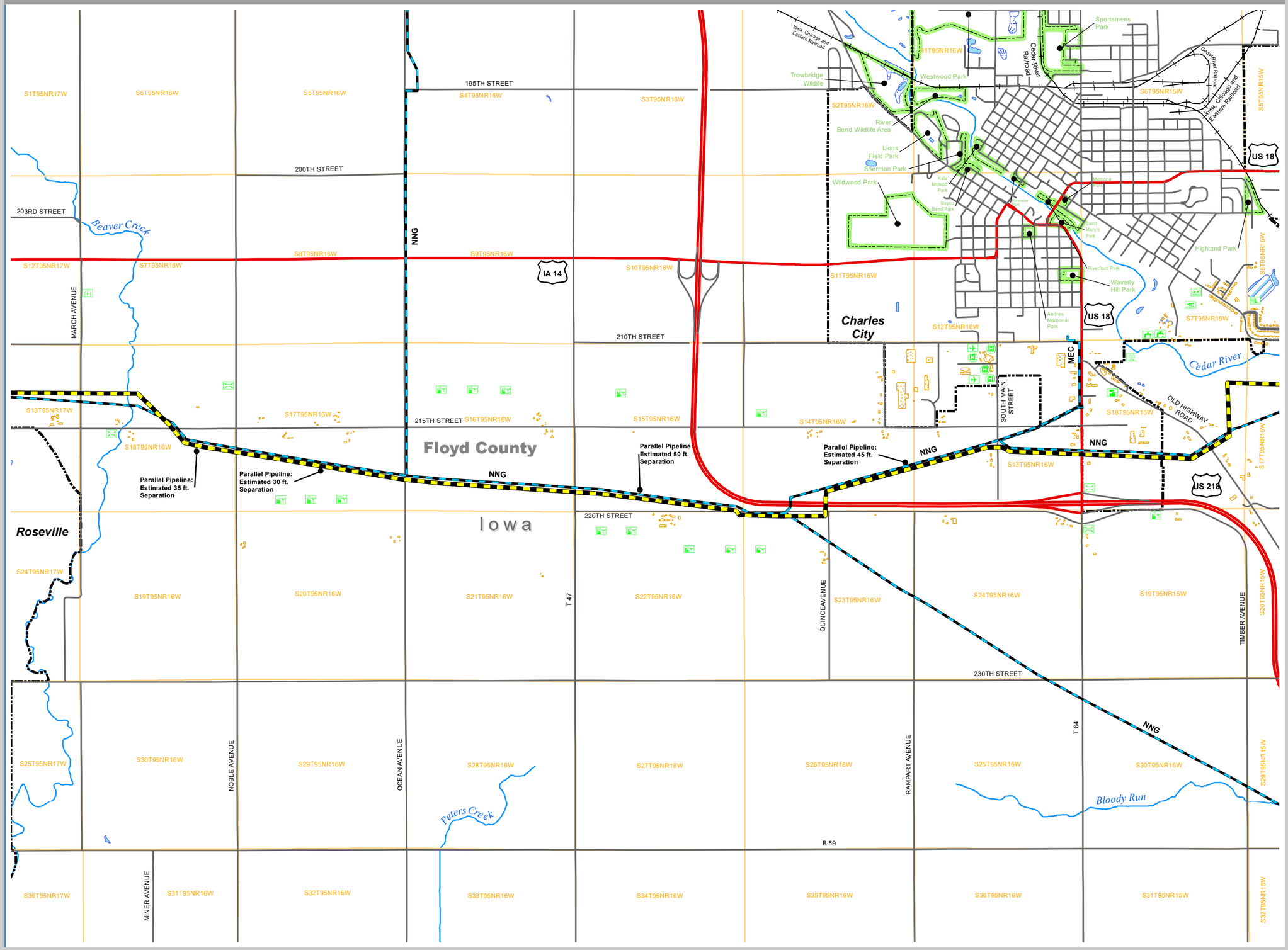
Projection:
Transverse Mercator
North American 1983

Route:
Main Line
Sheet 4 of 116

Drawing Number:
1
Current Revision

Filed with the Iowa Utilities Board on January 28, 2022, HLP-2021-0001

SUMMIT CARBON SOLUTIONS LLC - EXHIBIT B - ROUTE MAPS



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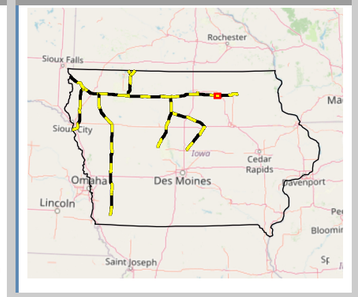

LEGEND

- Proposed Summit Pipeline
- Other Roadway
- Highway
- Railroads
- Structure Outline
- City Limits
- Conservation and Recreational Lands

Third-party Pipeline

- MEC - MidAmerican Energy Company
- NNG - Northern Natural Gas Company

- Public Land Survey System
- Counties
- Waterway
- Lake/Pond
- Reservoir
- Swamp/Marsh
- Airport
- Bridge
- Cemetery
- Church
- Dam
- Historic Site
- Hospital
- Petro Chemical Facility
- Radio Tower
- Utilities
- Water System

REVISIONS

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2022-01-20		

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SUMMIT CARBON SOLUTIONS LLC PROJECT

Figure Title:
Summit - Route Map - Floyd County

Figure Number:
Exhibit B

Scale:
1:36,000
1 inch = 3,000 feet

N

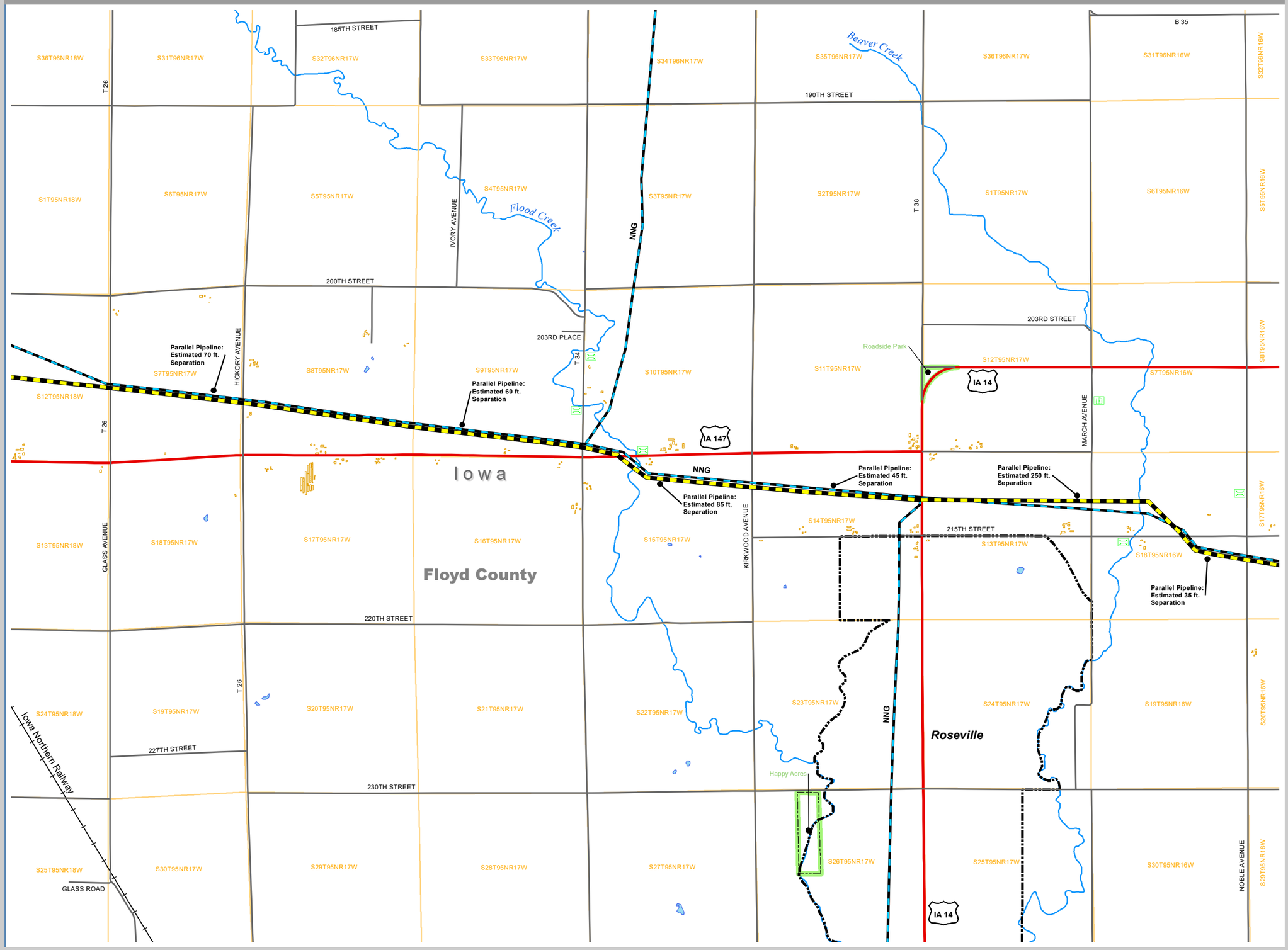
Projection:
Transverse Mercator
North American 1983

Route:
Main Line
Sheet 5 of 116

Drawing Number:
1
Current Revision

Filed with the Iowa Utilities Board on January 28, 2022, HLP-2021-0001

SUMMIT CARBON SOLUTIONS LLC - EXHIBIT B - ROUTE MAPS



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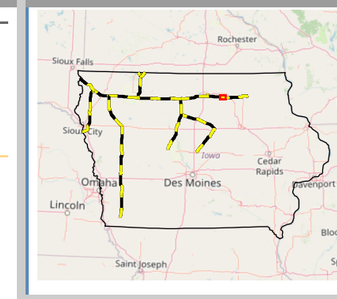

LEGEND

- Proposed Summit Pipeline
- Other Roadway
- Highway
- Railroads
- Structure Outline
- City Limits
- Conservation and Recreational Lands
- Public Land Survey System
- Counties
- Waterway
- Lake/Pond
- Bridge
- Church

Third-party Pipeline

- NNG - Northern Natural Gas Company

REVISIONS

Date:	Revised by:	Checked by:
2022-01-20		

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SUMMIT CARBON SOLUTIONS LLC PROJECT

Figure Title:

Summit - Route Map - Floyd County

Figure Number:

Exhibit B

Scale: 1:36,000
1 inch = 3,000 feet

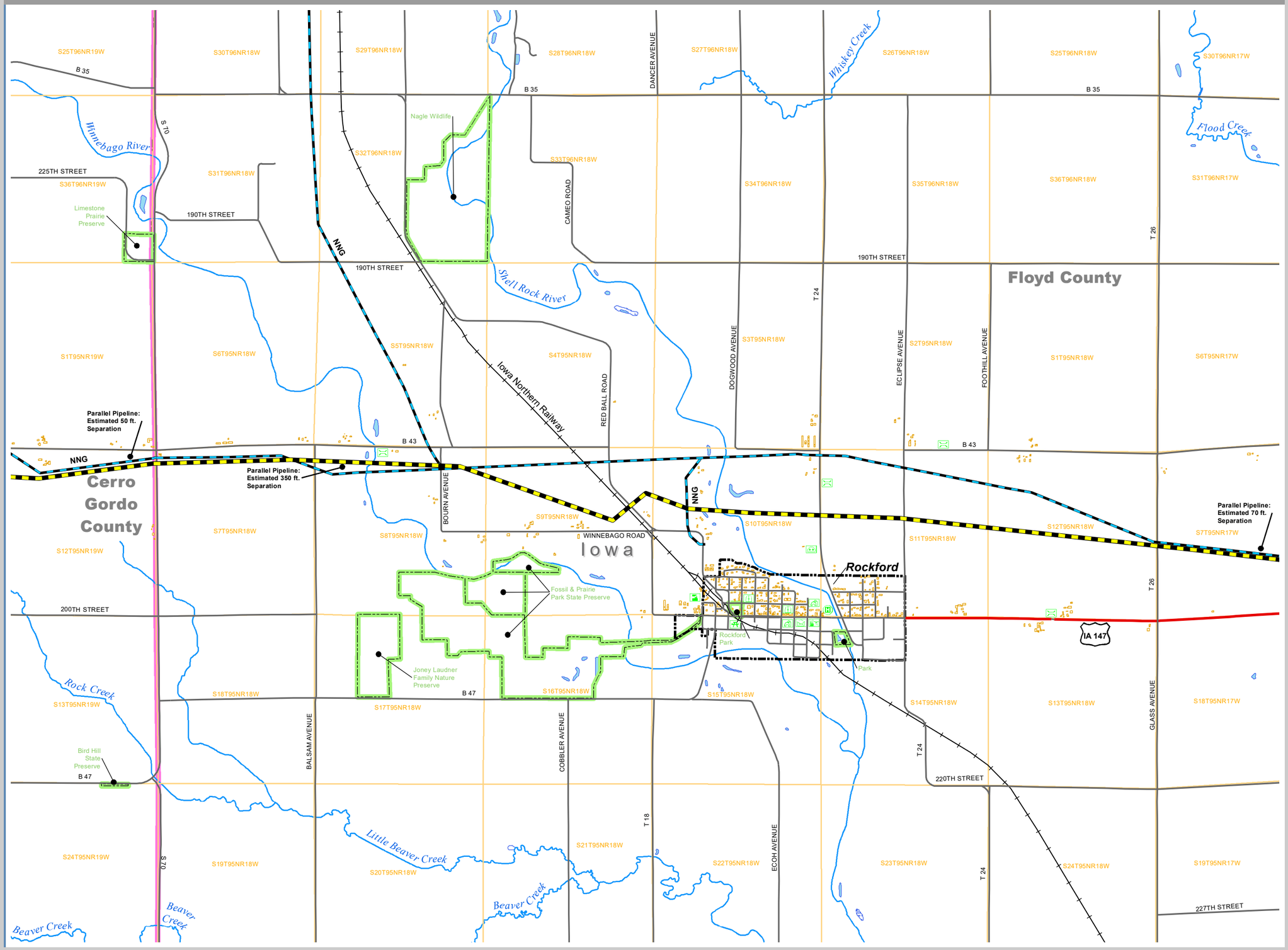
Projection: Transverse Mercator
North American 1983

Route: Main Line
Sheet 6 of 116

Drawing Number: 1
Current Revision

Filed with the Iowa Utilities Board on January 28, 2022, HLP-2021-0001

SUMMIT CARBON SOLUTIONS LLC - EXHIBIT B - ROUTE MAPS



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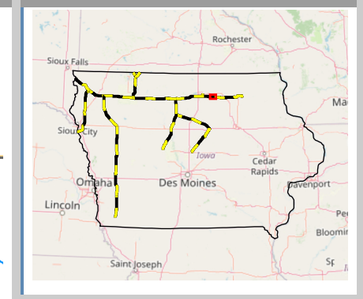

LEGEND

- Proposed Summit Pipeline
- Other Roadway
- Highway
- Railroads
- Structure Outline
- City Limits
- Conservation and Recreational Lands

Third-party Pipeline

- NNG - Northern Natural Gas Company

- Public Land Survey System
- Counties
- Waterway
- Lake/Pond
- Swamp/Marsh
- Bridge
- Building
- Cemetery
- Church
- Hospital
- Park
- Petro Chemical Facility
- Post Office
- Utilities

REVISIONS

Date:	Revised by:	Checked by:
2022-01-20		

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SUMMIT CARBON SOLUTIONS LLC PROJECT

Figure Title:
Summit - Route Map - Floyd County

Figure Number:
Exhibit B

Scale:
1:36,000
1 inch = 3,000 feet

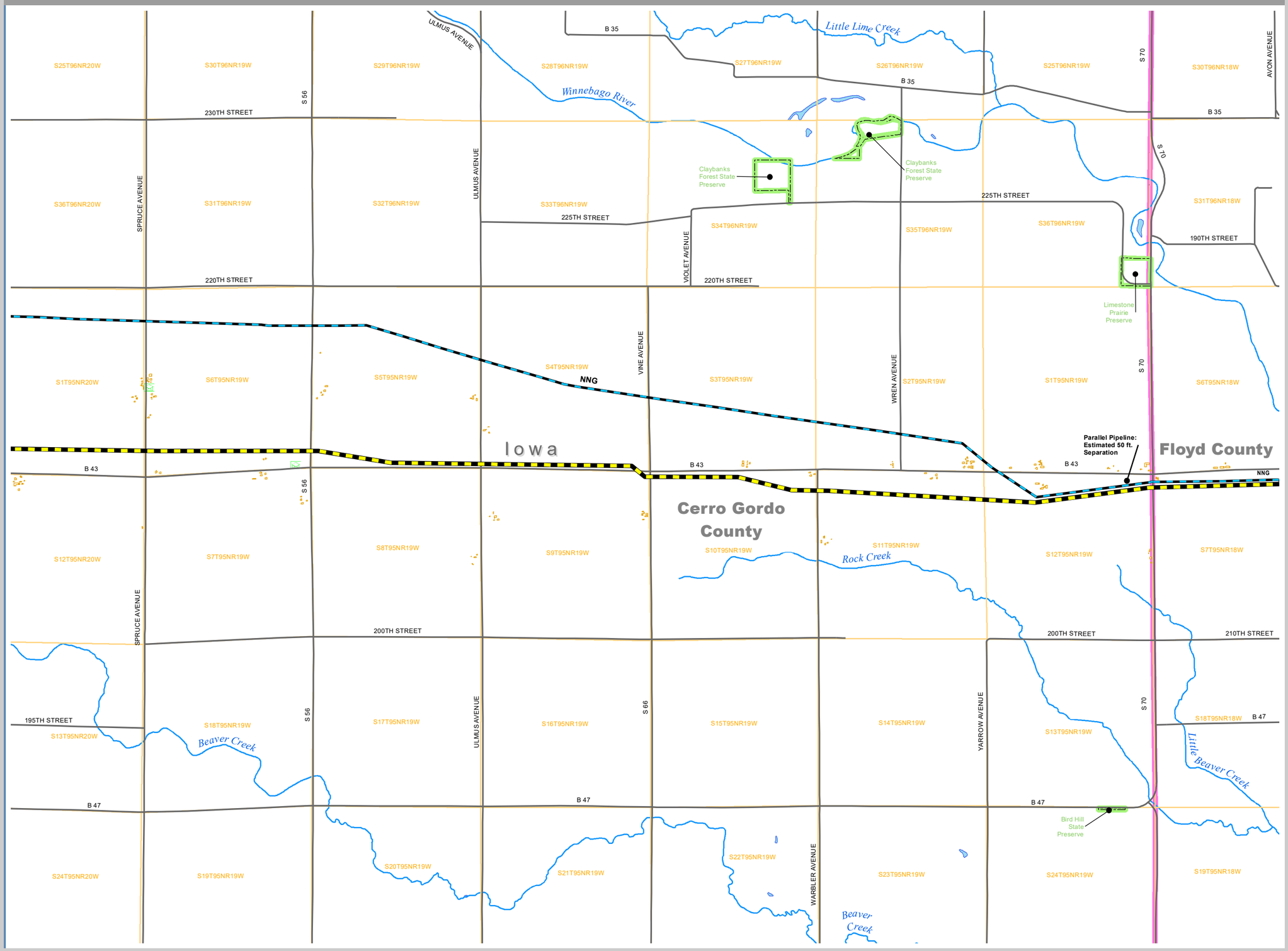
Projection:
Transverse Mercator
North American 1983

Route:
Main Line
Sheet 7 of 116

Drawing Number:
1
Current Revision

Filed with the Iowa Utilities Board on January 28, 2022, HLP-2021-0001

SUMMIT CARBON SOLUTIONS LLC - EXHIBIT B - ROUTE MAPS



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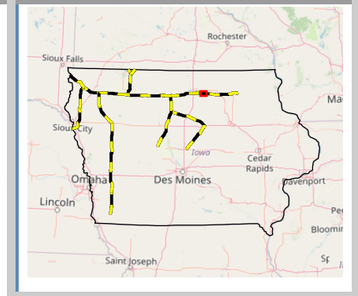

LEGEND

- Proposed Summit Pipeline
- Other Roadway
- Structure Outline
- Conservation and Recreational Lands

Third-party Pipeline

- NNG - Northern Natural Gas Company
- Public Land Survey System
- Counties
- Waterway
- Lake/Pond
- Post Office

REVISIONS

Date:	Revised by:	Checked by:
2022-01-20		

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SUMMIT CARBON SOLUTIONS

SUMMIT CARBON SOLUTIONS LLC PROJECT

Figure Title:
Summit - Route Map - Cerro Gordo County

Figure Number:
Exhibit B

Scale:
1:36,000
1 inch = 3,000 feet

N

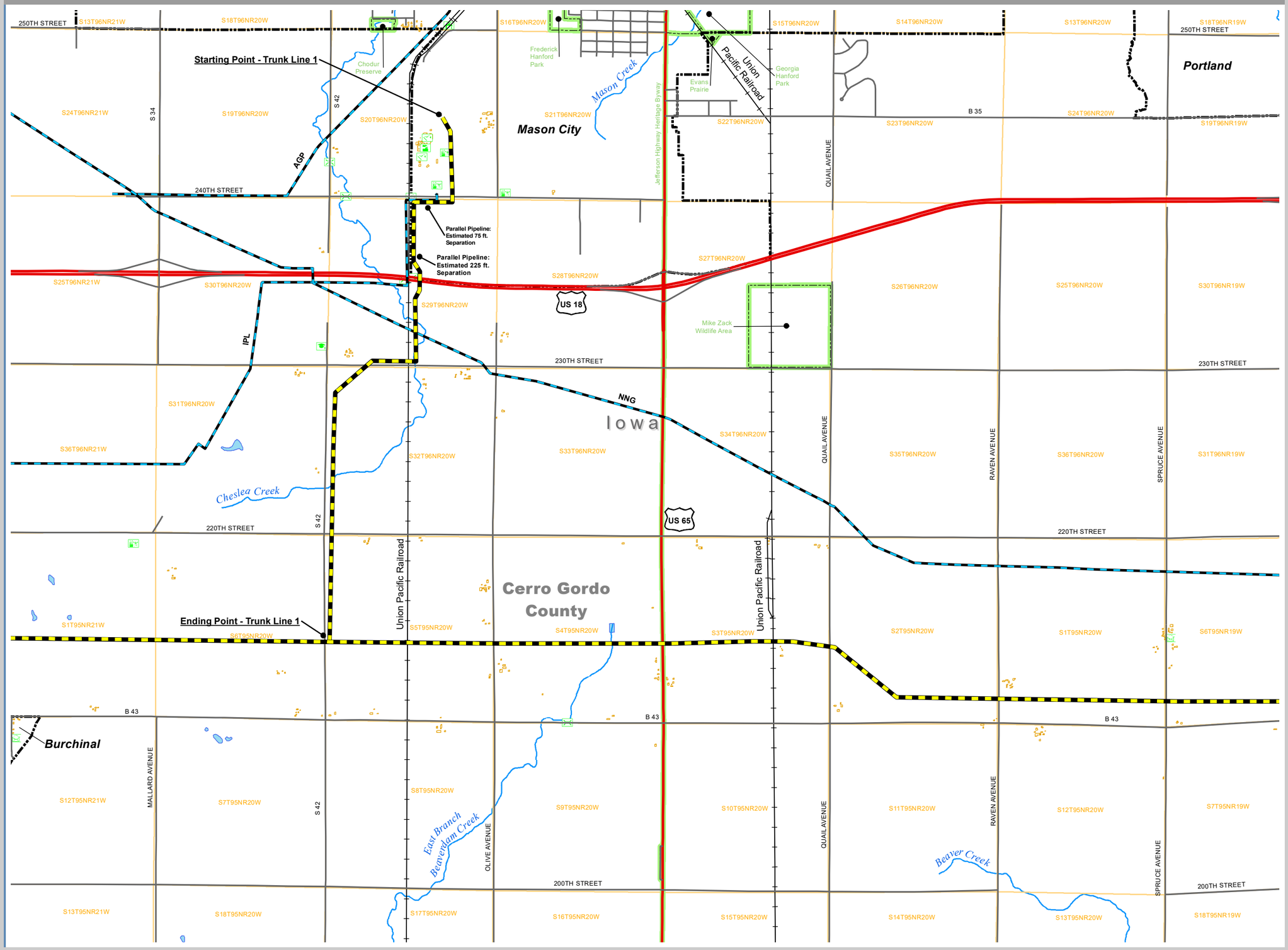
Projection:
Transverse Mercator
North American 1983

Route:
Main Line
Sheet 8 of 116

Drawing Number:
1
Current Revision

Filed with the Iowa Utilities Board on January 28, 2022, HLP-2021-0001

SUMMIT CARBON SOLUTIONS LLC - EXHIBIT B - ROUTE MAPS



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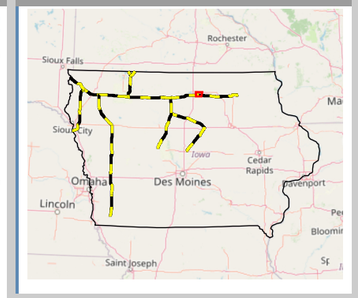

LEGEND

- Proposed Summit Pipeline
- Other Roadway
- Highway
- Railroads
- Structure Outline
- City Limits
- Conservation and Recreational Lands

Third-party Pipeline

- AGP - AG Processing, Inc. A Cooperative
- IPL - Interstate Power and Light Company
- NNG - Northern Natural Gas Company

- Public Land Survey System
- Counties
- Waterway
- Lake/Pond
- Bridge
- Ethanol/Oil and Gas Facility
- Petro Chemical Facility
- Post Office
- Power Plant
- School
- Utilities
- Water System

REVISIONS

Date:	Revised by:	Checked by:
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SUMMIT CARBON SOLUTIONS

SUMMIT CARBON SOLUTIONS LLC PROJECT

Figure Title:
Summit - Route Map - Cerro Gordo County

Figure Number:
Exhibit B

Scale:
1:36,000
1 inch = 3,000 feet

N

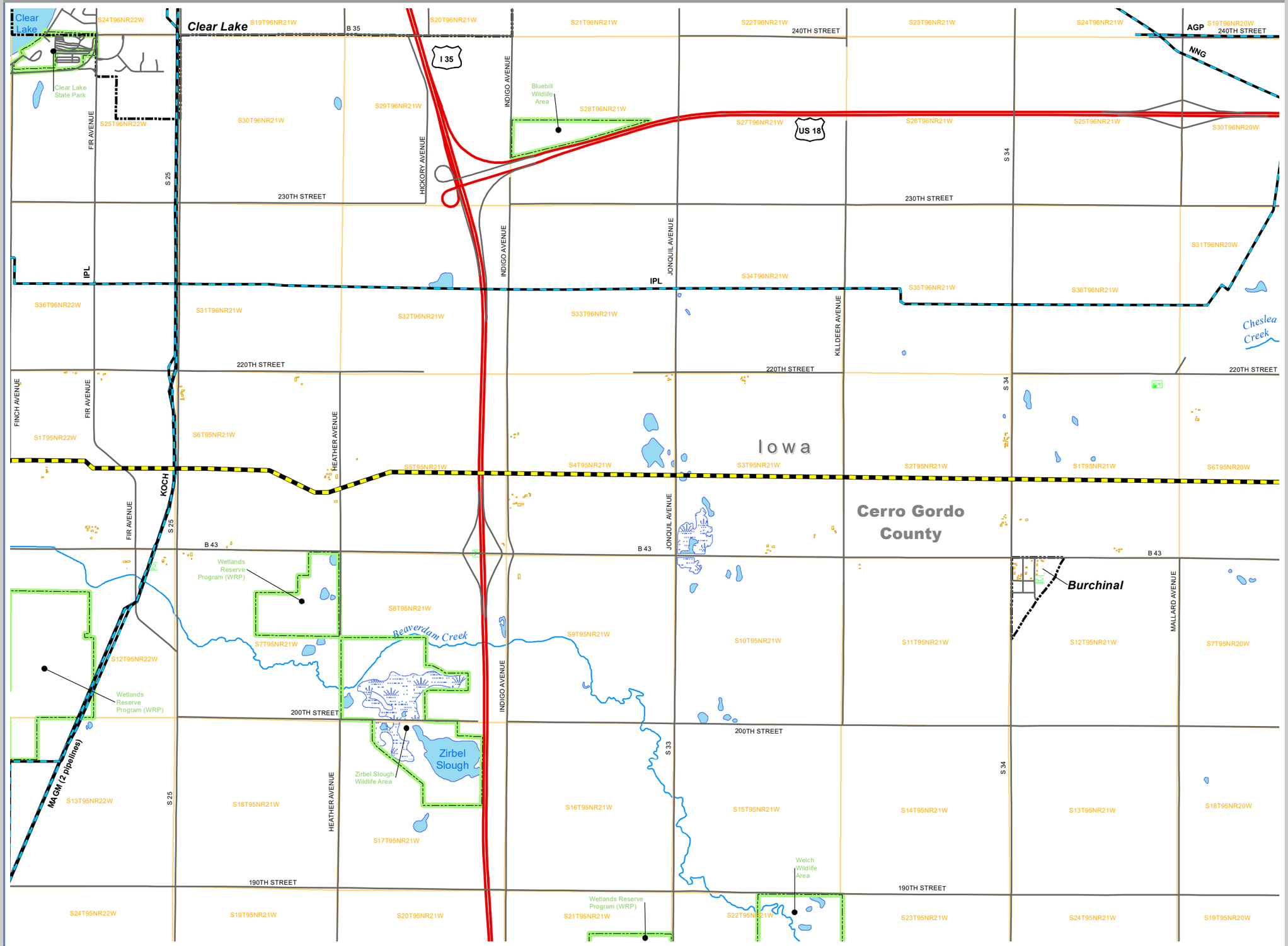
Projection:
Transverse Mercator
North American 1983

Route:
Main Line/Trunk Line 1
Sheet 9 of 116

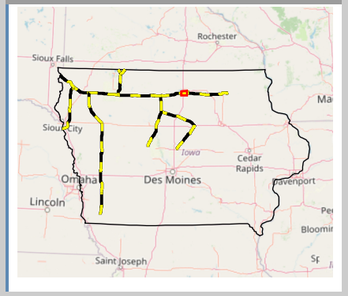
Drawing Number:
1
Current Revision

Filed with the Iowa Utilities Board on January 28, 2022, HLP-2021-0001

SUMMIT CARBON SOLUTIONS LLC - EXHIBIT B - ROUTE MAPS



VICINITY MAP



LEGEND

- Proposed Summit Pipeline
- Other Roadway
- Highway
- Structure Outline
- City Limits
- Conservation and Recreational Lands

Third-party Pipeline

- AGP - AG Processing, Inc. A Cooperative
- IPL - Interstate Power and Light Company
- KOCH - Koch Energy Services, L.L.C.
- MAGM - Magellan Midstream Partners, L.P.
- NNG - Northern Natural Gas Company

- Public Land Survey System
- Counties
- Waterway
- Lake/Pond
- Swamp/Marsh
- Bridge
- Post Office
- Radio Tower
- Utilities

REVISIONS

Date:	Revised by:	Checked by:
2022-01-20		

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SUMMIT CARBON SOLUTIONS LLC PROJECT

Figure Title:
Summit - Route Map - Cerro Gordo County

Figure Number:
Exhibit B

Scale:
1:36,000
1 inch = 3,000 feet

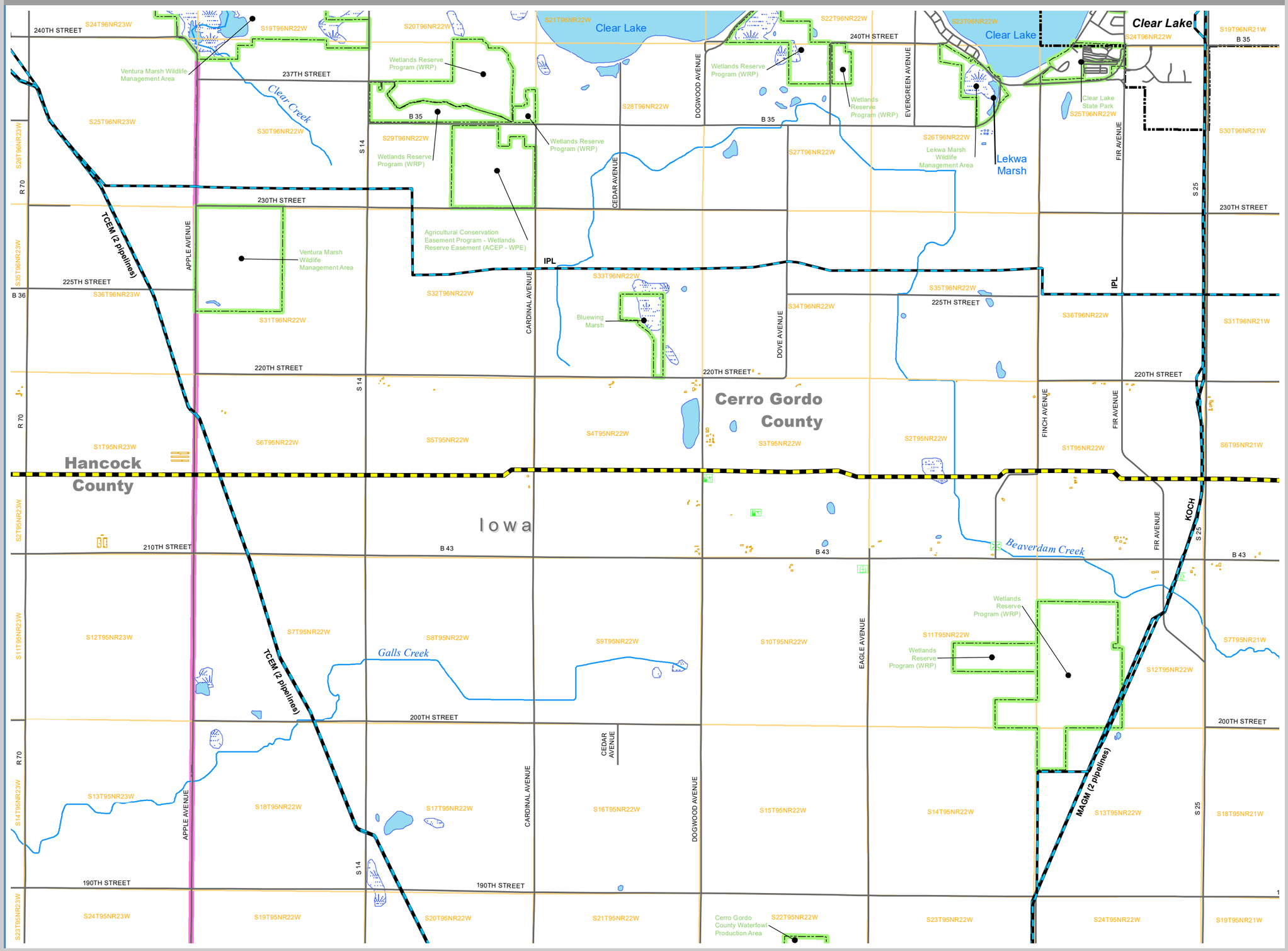
Projection:
Transverse Mercator
North American 1983

Route:
Main Line
Sheet 10 of 116

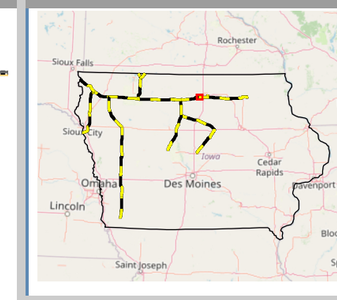
Drawing Number:
1
Current Revision

Filed with the Iowa Utilities Board on January 28, 2022, HLP-2021-0001

SUMMIT CARBON SOLUTIONS LLC - EXHIBIT B - ROUTE MAPS



VICINITY MAP



LEGEND

- Proposed Summit Pipeline
- Other Roadway
- Structure Outline
- City Limits
- Conservation and Recreational Lands

Third-party Pipeline

- IPL - Interstate Power and Light Company
- KOCH - Koch Energy Services, L.L.C.
- MAGM - Magellan Midstream Partners, L.P.
- TCEM - TransCanada Energy Marketing USA, Inc.

- Public Land Survey System
- Counties
- Waterway
- Lake/Pond
- Reservoir
- Swamp/Marsh
- Bridge
- Church
- Radio Tower
- Utilities

REVISIONS

Date:	Revised by:	Checked by:
2022-01-20		

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SUMMIT CARBON SOLUTIONS LLC PROJECT

Figure Title:
Summit - Route Map - Cerro Gordo County

Figure Number:
Exhibit B

Scale:
1:36,000
1 inch = 3,000 feet

N

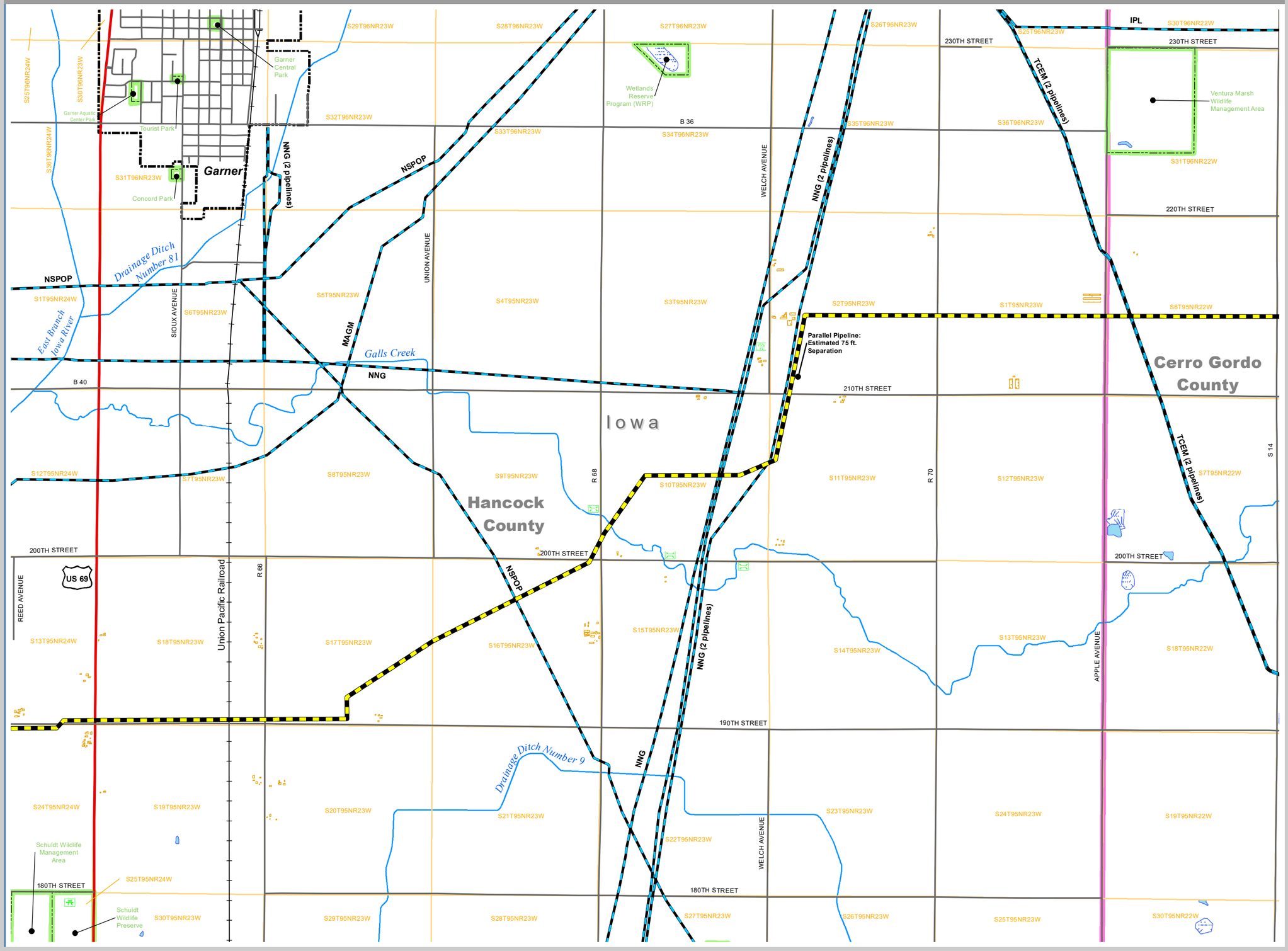
Projection:
Transverse Mercator
North American 1983

Route:
Main Line
Sheet 11 of 116

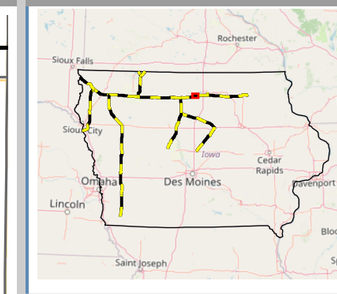
Drawing Number:
1
Current Revision

Filed with the Iowa Utilities Board on January 28, 2022, HLP-2021-0001

SUMMIT CARBON SOLUTIONS LLC - EXHIBIT B - ROUTE MAPS



VICINITY MAP



LEGEND

- Proposed Summit Pipeline
- Other Roadway
- Highway
- Railroads
- Structure Outline
- City Limits
- Conservation and Recreational Lands
- Public Land Survey System
- Counties
- Waterway
- Lake/Pond
- Swamp/Marsh
- Bridge
- Park
- Radio Tower

Third-party Pipeline

- IPL - Interstate Power and Light Company
- MAGM - Magellan Midstream Partners, L.P.
- NNG - Northern Natural Gas Company
- NSPOP - NuStar Pipeline Operating Partnership, L.P.
- TCEM - TransCanada Energy Marketing USA, Inc.

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Date:	Revised by:	Checked by:
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SUMMIT CARBON SOLUTIONS LLC PROJECT

Figure Title:
Summit - Route Map - Hancock County

Figure Number:
Exhibit B

Scale:
1:36,000
1 inch = 3,000 feet

Projection:
Transverse Mercator
North American 1983

Route:
Main Line
Sheet 12 of 116

Drawing Number:
1
Current Revision

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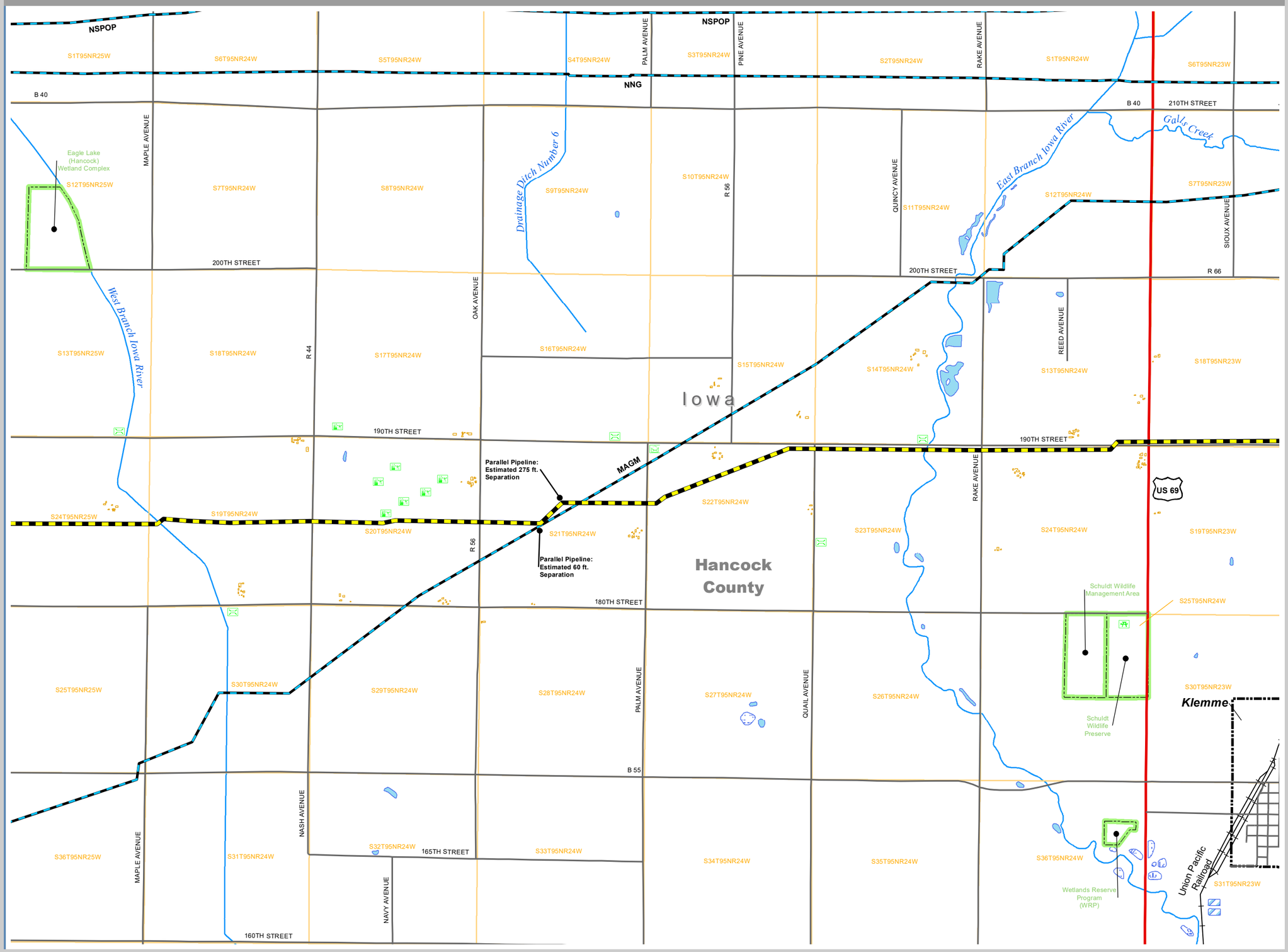
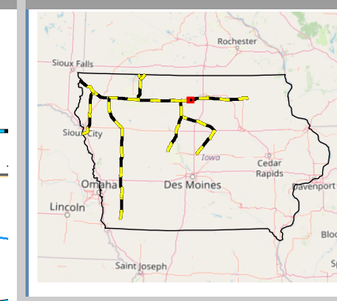
SUMMIT CARBON SOLUTIONS LLC - EXHIBIT B - ROUTE MAPS



VICINITY MAP



LEGEND

- Proposed Summit Pipeline
- Other Roadway
- Highway
- Railroads
- Structure Outline
- City Limits
- Conservation and Recreational Lands

Third-party Pipeline

- MAGM - Magellan Midstream Partners, L.P.
- NNG - Northern Natural Gas Company
- NSPOP - NuStar Pipeline Operating Partnership, L.P.

- Public Land Survey System
- Counties
- Waterway
- Lake/Pond
- Reservoir
- Swamp/Marsh
- Bridge
- Park
- Post Office
- Utilities

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Date:	Revised by:	Checked by:
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SUMMIT CARBON SOLUTIONS

SUMMIT CARBON SOLUTIONS LLC PROJECT

Figure Title:
Summit - Route Map - Hancock County

Figure Number:
Exhibit B

Scale:
1:36,000
1 inch = 3,000 feet

N

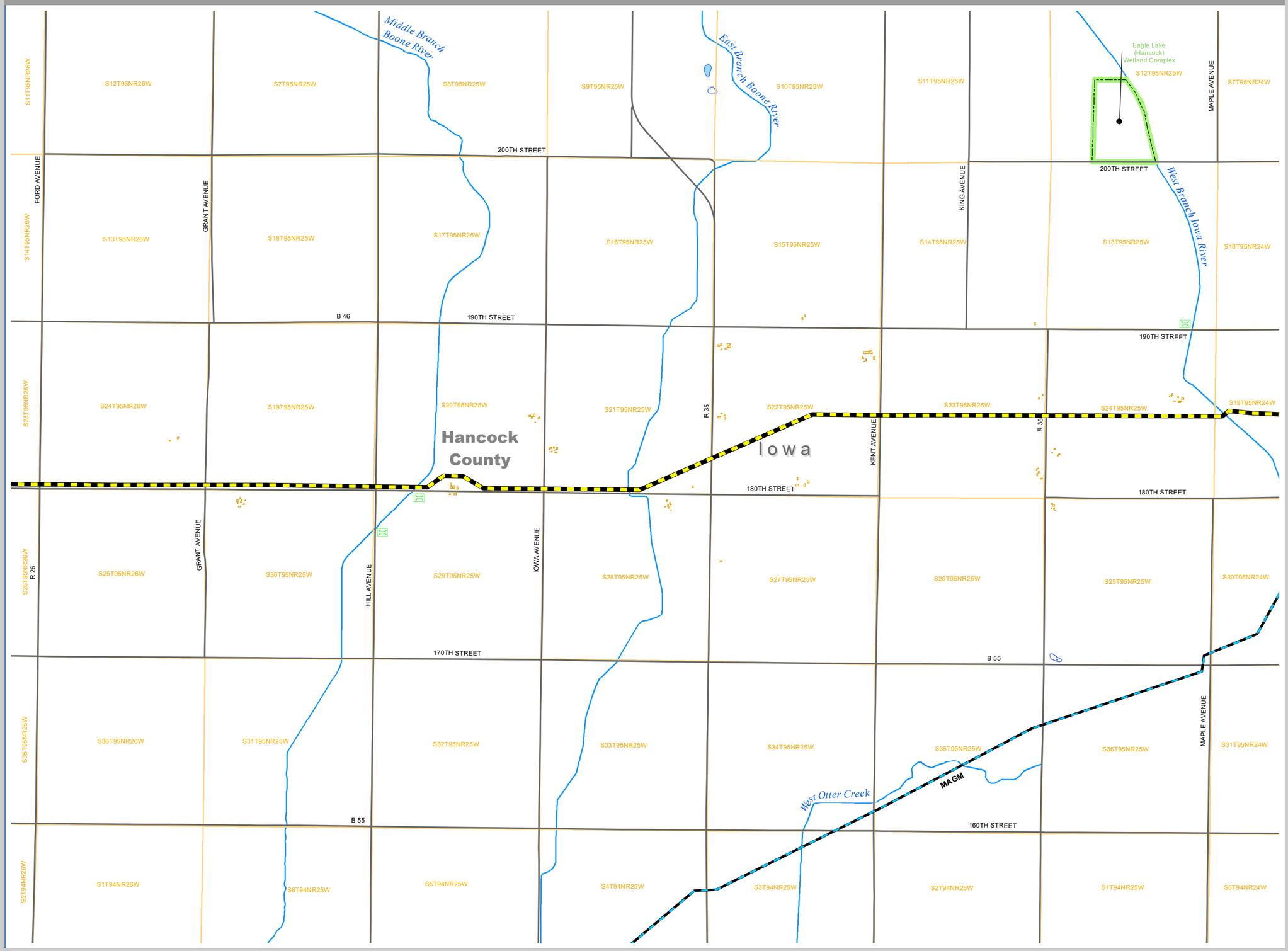
Projection:
Transverse Mercator
North American 1983

Route:
Main Line
Sheet 13 of 116

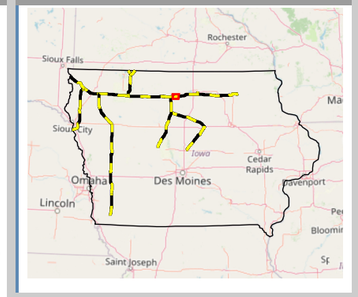
Drawing Number:
1
Current Revision

Filed with the Iowa Utilities Board on January 28, 2022, HLP-2021-0001

SUMMIT CARBON SOLUTIONS LLC - EXHIBIT B - ROUTE MAPS



VICINITY MAP



LEGEND

- Proposed Summit Pipeline
- Other Roadway
- Structure Outline
- Conservation and Recreational Lands

Third-party Pipeline

- MAGM - Magellan Midstream Partners, L.P.
- Public Land Survey System
- Counties
- Waterway
- Lake/Pond
- Swamp/Marsh
- Bridge

REVISIONS

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Figure Title:

Summit - Route Map - Hancock County

Figure Number:

Exhibit B

Scale: 1:36,000
1 inch = 3,000 feet

N

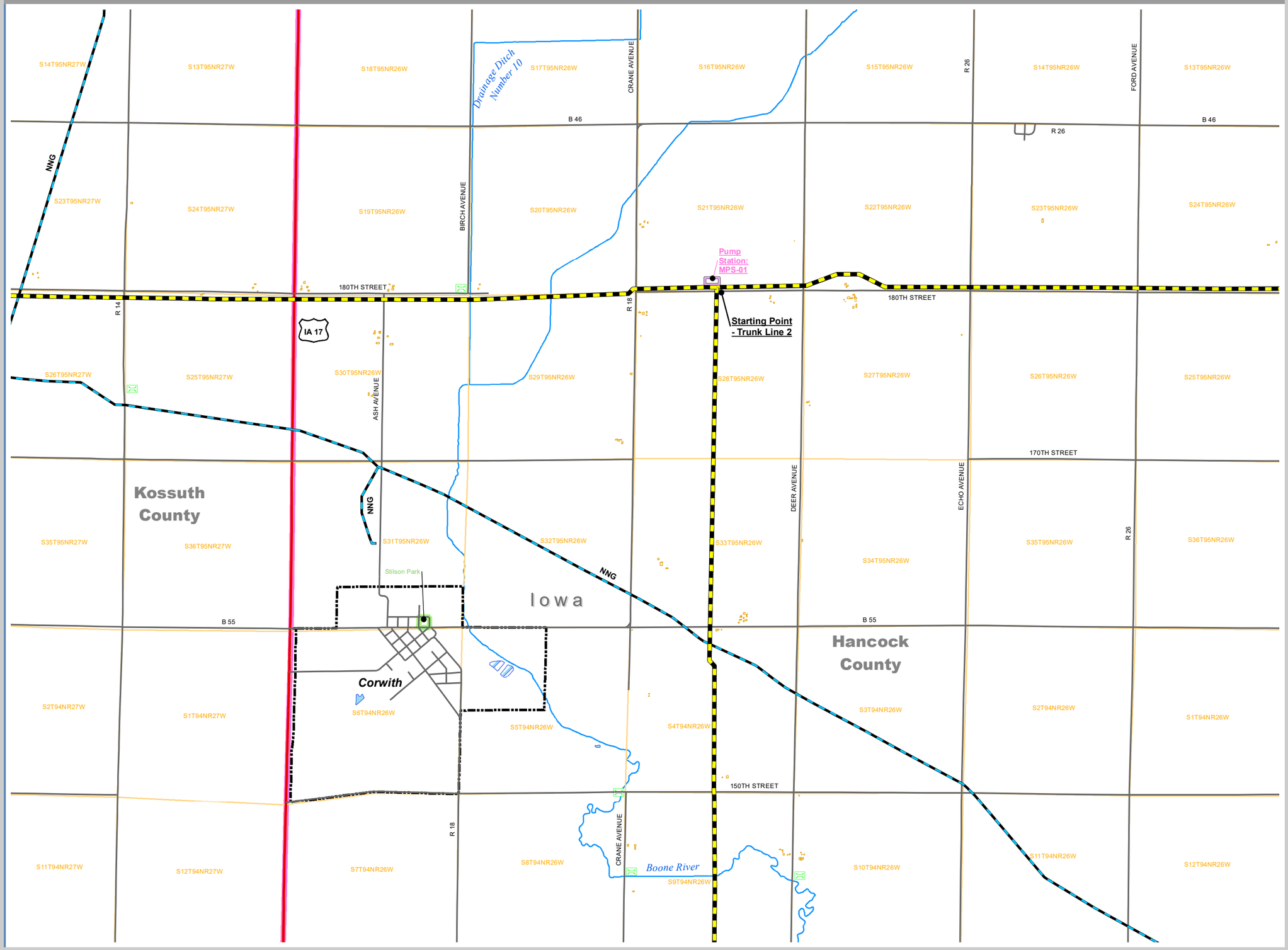
Projection: Transverse Mercator
North American 1983

Route: Main Line
Sheet 14 of 116

Drawing Number: 1
Current Revision

Filed with the Iowa Utilities Board on January 28, 2022, HLP-2021-0001

SUMMIT CARBON SOLUTIONS LLC - EXHIBIT B - ROUTE MAPS



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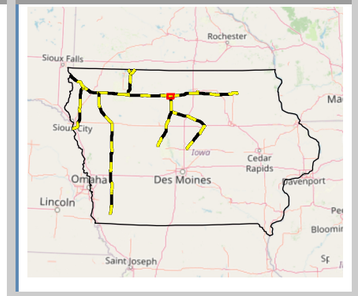

LEGEND

- Proposed Summit Pipeline
- Proposed Pump Station
- Other Roadway
- Highway
- Structure Outline
- City Limits
- Conservation and Recreational Lands
- Public Land Survey System
- Counties
- Waterway
- Lake/Pond
- Reservoir
- Bridge

Third-party Pipeline

- NNG - Northern Natural Gas Company

REVISIONS

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Figure Title:

Summit - Route Map - Hancock County

Figure Number:

Exhibit B

Scale: 1:36,000
1 inch = 3,000 feet

N

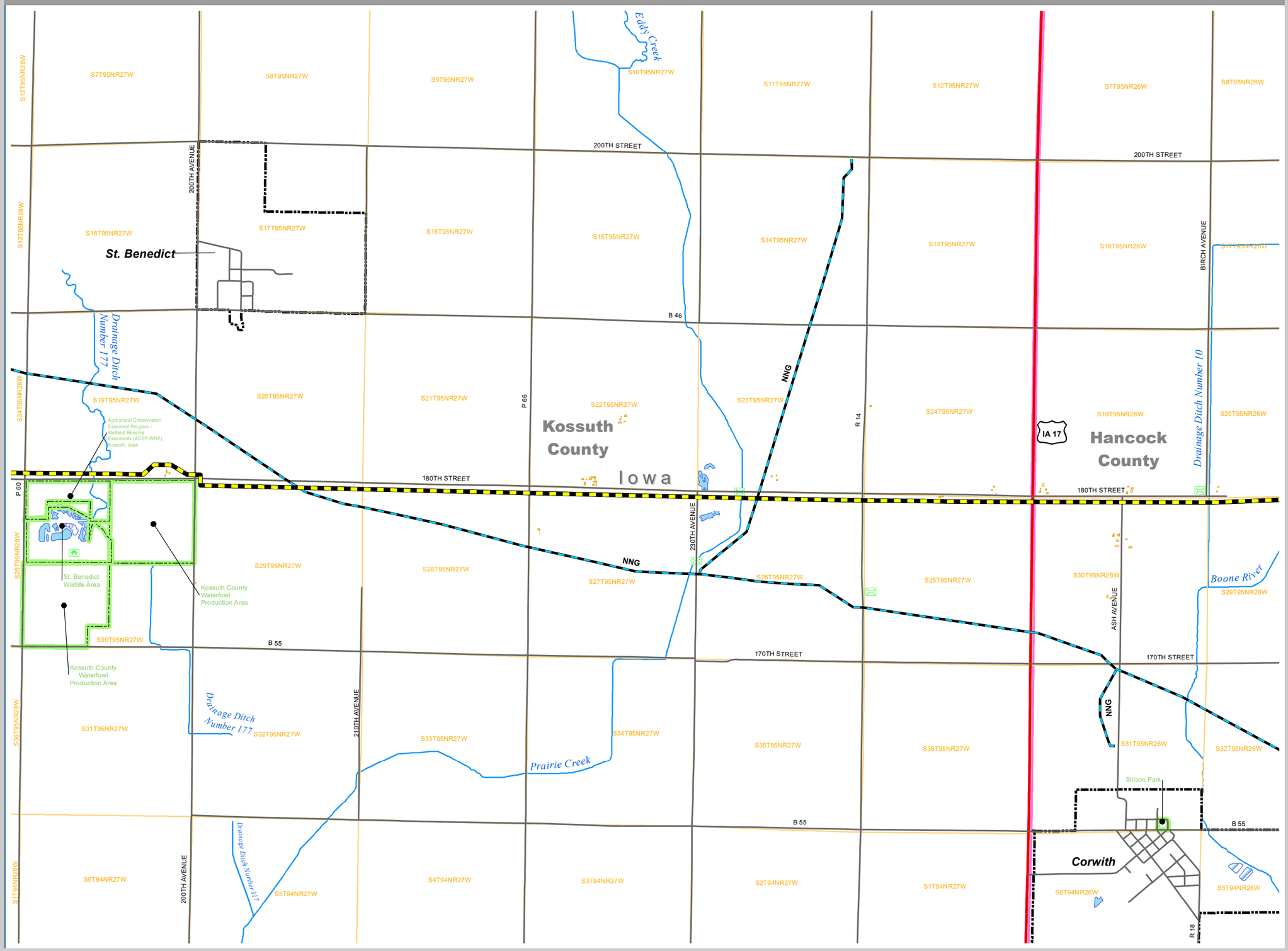
Projection: Transverse Mercator
North American 1983

Route: Main Line/Trunk Line 2
Sheet 15 of 116

Drawing Number: 1
Current Revision

Filed with the Iowa Utilities Board on January 28, 2022, HLP-2021-0001

SUMMIT CARBON SOLUTIONS LLC - EXHIBIT B - ROUTE MAPS



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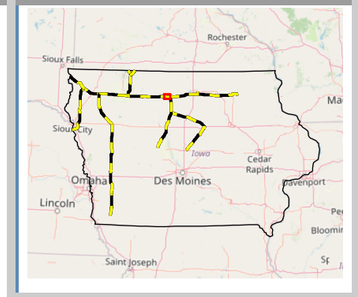

LEGEND

- Proposed Summit Pipeline
- Other Roadway
- Highway
- Structure Outline
- City Limits
- Conservation and Recreational Lands

Third-party Pipeline

- NNG - Northern Natural Gas Company
- Public Land Survey System
- Counties
- Waterway
- Lake/Pond
- Reservoir
- Swamp/Marsh
- Bridge
- Park

REVISIONS

Date:	Revised by:	Checked by:
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SUMMIT CARBON SOLUTIONS LLC PROJECT

Figure Title:
Summit - Route Map - Kossuth County

Figure Number:
Exhibit B

Scale:
1:36,000
1 inch = 3,000 feet

N

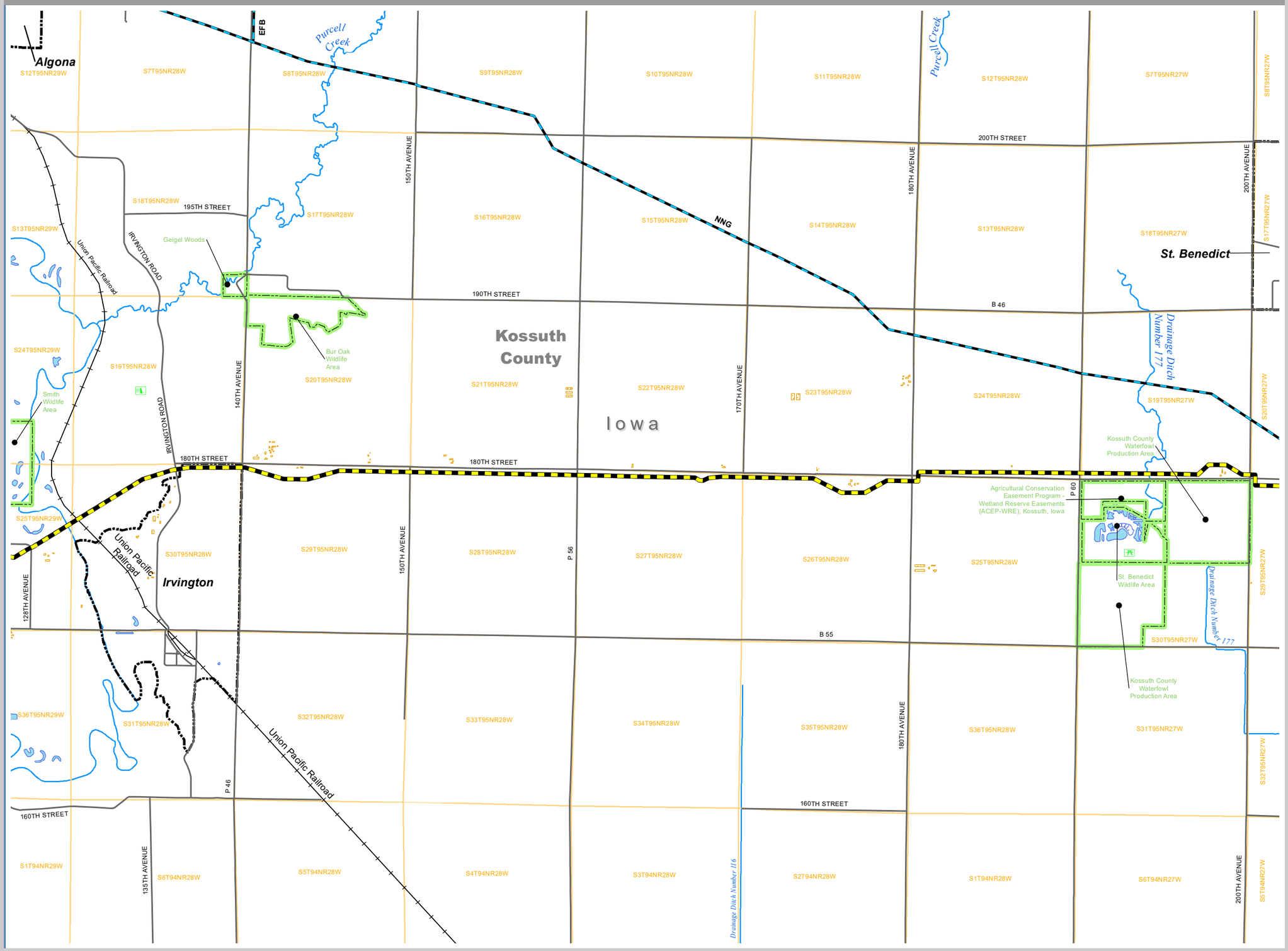
Projection:
Transverse Mercator
North American 1983

Route:
Main Line
Sheet 16 of 116

Drawing Number:
1
Current Revision

Filed with the Iowa Utilities Board on January 28, 2022, HLP-2021-0001

SUMMIT CARBON SOLUTIONS LLC - EXHIBIT B - ROUTE MAPS



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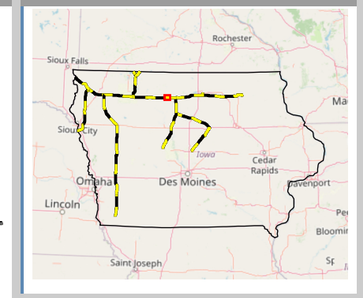

LEGEND

- Proposed Summit Pipeline
- Other Roadway
- Railroads
- Structure Outline
- City Limits
- Conservation and Recreational Lands
- Public Land Survey System
- Counties
- Waterway
- Lake/Pond
- Swamp/Marsh
- Dam
- Park

Third-party Pipeline

- EFB - East Fork Biodiesel, L.L.C.
- NNG - Northern Natural Gas Company

REVISIONS

Date:	Revised by:	Checked by:
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Figure Title:

Summit - Route Map - Kossuth County

Figure Number:

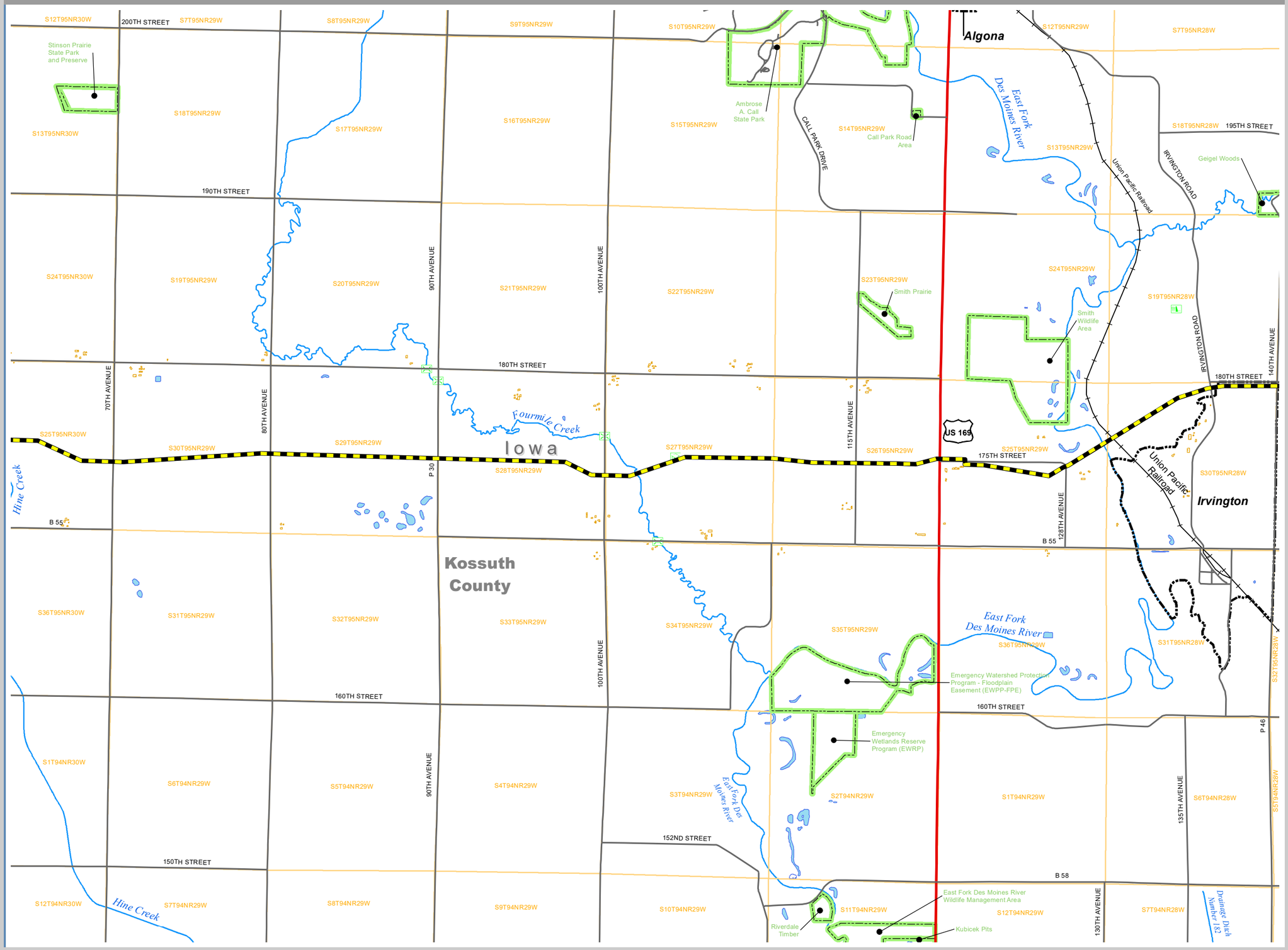
Exhibit B

Scale:	Projection:
1:36,000 1 inch = 3,000 feet	Transverse Mercator North American 1983
Route:	Drawing Number:
Main Line Sheet 17 of 116	1 Current Revision

N

Filed with the Iowa Utilities Board on January 28, 2022, HLP-2021-0001

SUMMIT CARBON SOLUTIONS LLC - EXHIBIT B - ROUTE MAPS



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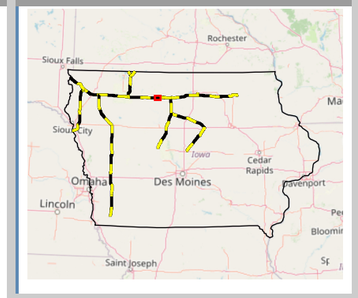

LEGEND

- Proposed Summit Pipeline
- Other Roadway
- Highway
- Railroads
- Structure Outline
- City Limits
- Conservation and Recreational Lands
- Public Land Survey System
- Counties
- Waterway
- Lake/Pond
- Swamp/Marsh
- Bridge
- Dam
- Post Office

REVISIONS

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SUMMIT CARBON SOLUTIONS LLC PROJECT

Figure Title:
Summit - Route Map - Kossuth County

Figure Number:
Exhibit B

Scale:
1:36,000
1 inch = 3,000 feet

N

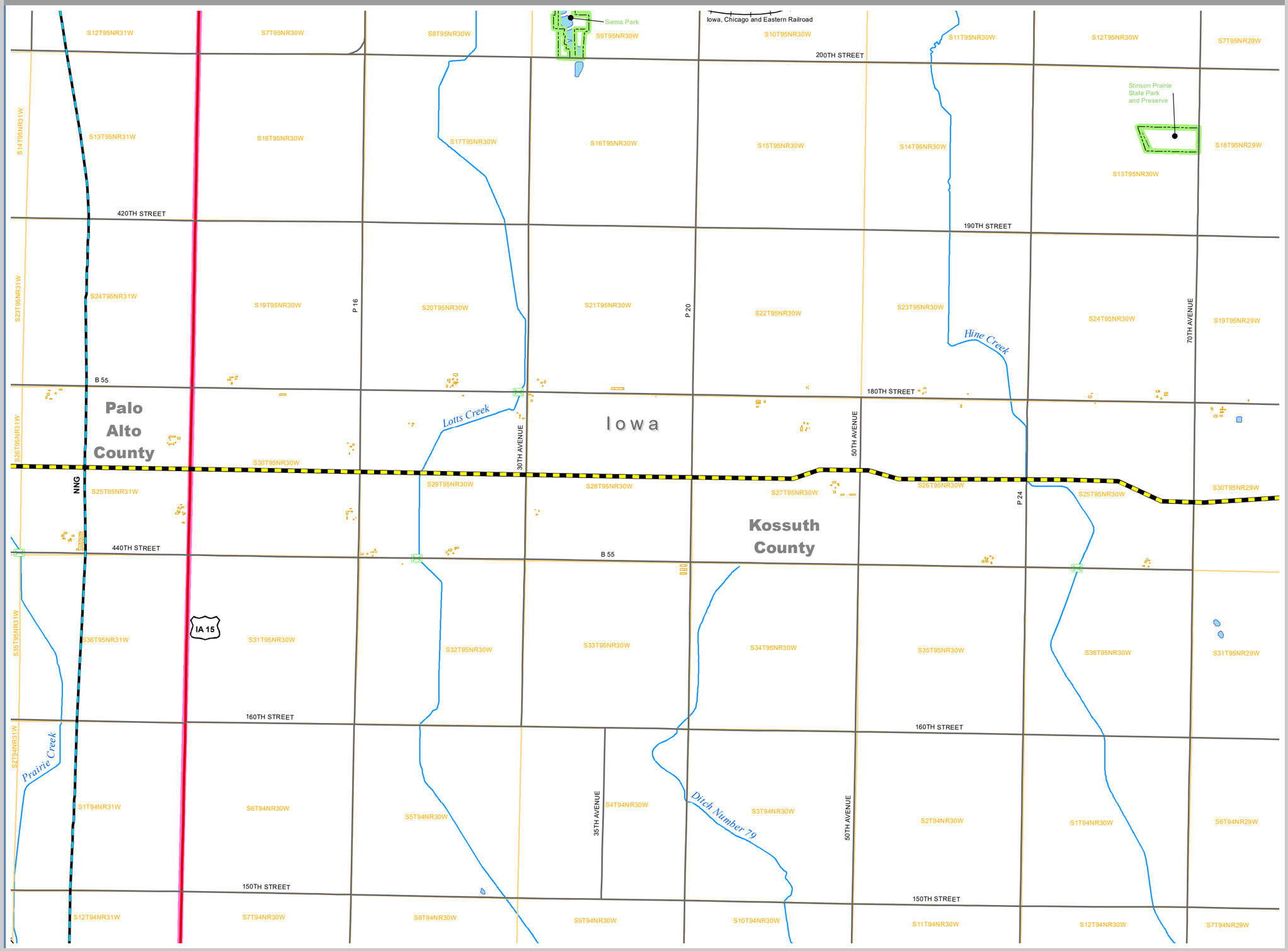
Projection:
Transverse Mercator
North American 1983

Route:
Main Line
Sheet 18 of 116

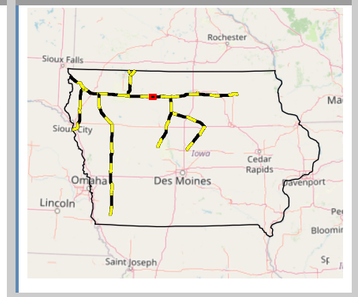
Drawing Number:
1
Current Revision

Filed with the Iowa Utilities Board on January 28, 2022, HLP-2021-0001

SUMMIT CARBON SOLUTIONS LLC - EXHIBIT B - ROUTE MAPS



VICINITY MAP



LEGEND

- Proposed Summit Pipeline
- Other Roadway
- Highway
- Railroads
- Structure Outline
- Conservation and Recreational Lands
- Public Land Survey System
- Counties
- Waterway
- Lake/Pond
- Bridge

Third-party Pipeline

- NNG - Northern Natural Gas Company

REVISIONS

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SUMMIT CARBON SOLUTIONS LLC PROJECT

Figure Title:

Summit - Route Map - Kossuth County

Figure Number:

Exhibit B

Scale: 1:36,000
1 inch = 3,000 feet

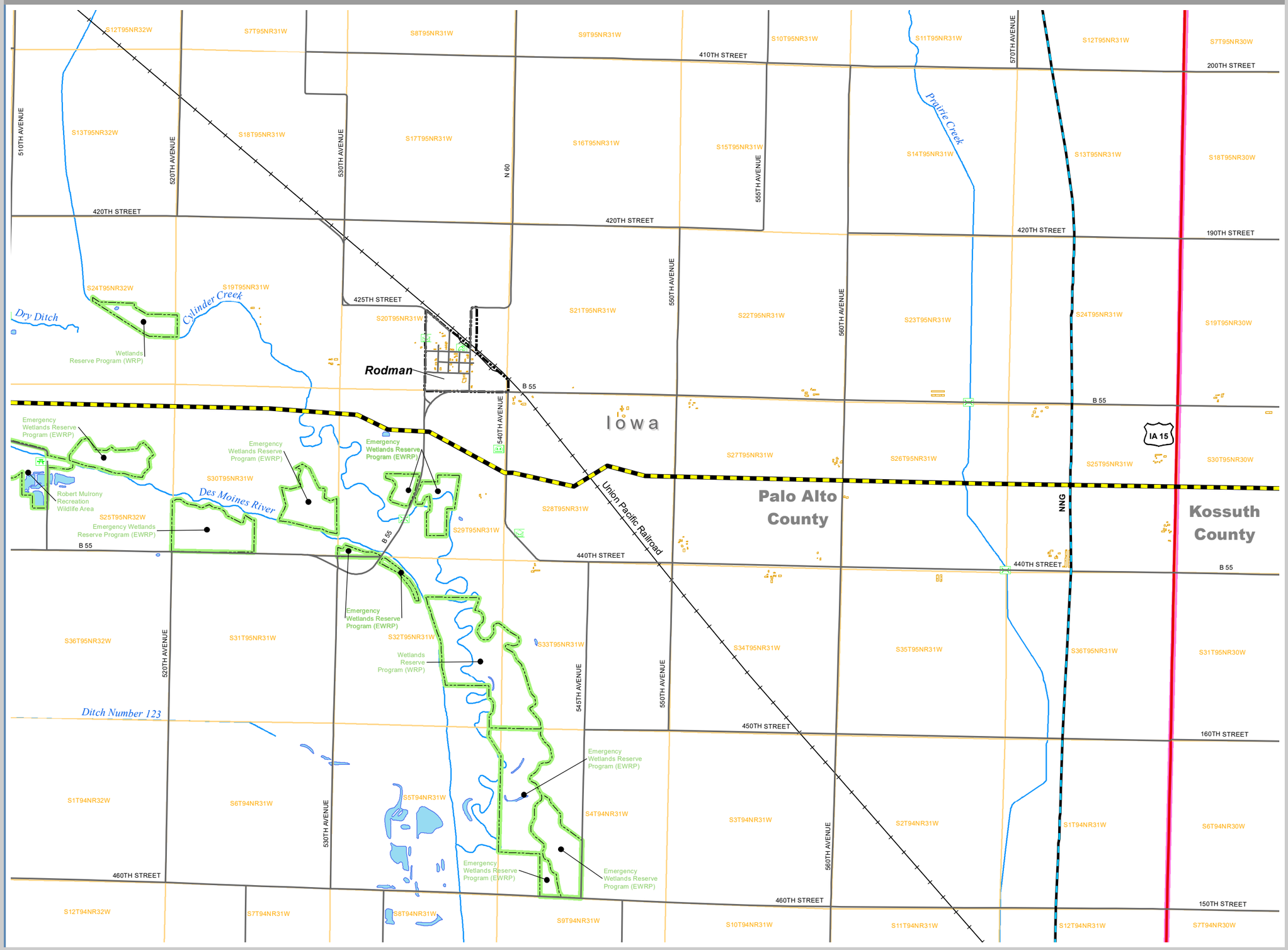
Projection: Transverse Mercator
North American 1983

Route: Main Line
Sheet 19 of 116

Drawing Number: 1
Current Revision

Filed with the Iowa Utilities Board on January 28, 2022, HLP-2021-0001

SUMMIT CARBON SOLUTIONS LLC - EXHIBIT B - ROUTE MAPS



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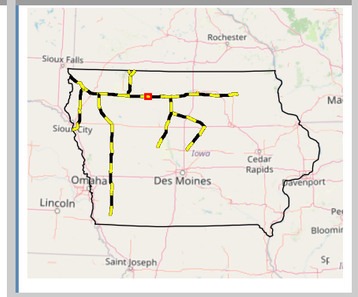

LEGEND

- Proposed Summit Pipeline
- Other Roadway
- Highway
- Railroads
- Structure Outline
- City Limits
- Conservation and Recreational Lands

Third-party Pipeline

- NNG - Northern Natural Gas Company
- Public Land Survey System
- Counties
- Waterway
- Lake/Pond
- Bridge
- Building
- Cemetery
- Park
- Post Office

REVISIONS

Date:	Revised by:	Checked by:
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SUMMIT CARBON SOLUTIONS LLC PROJECT

Figure Title:
Summit - Route Map - Palo Alto County

Figure Number:
Exhibit B

Scale:
1:36,000
1 inch = 3,000 feet

N

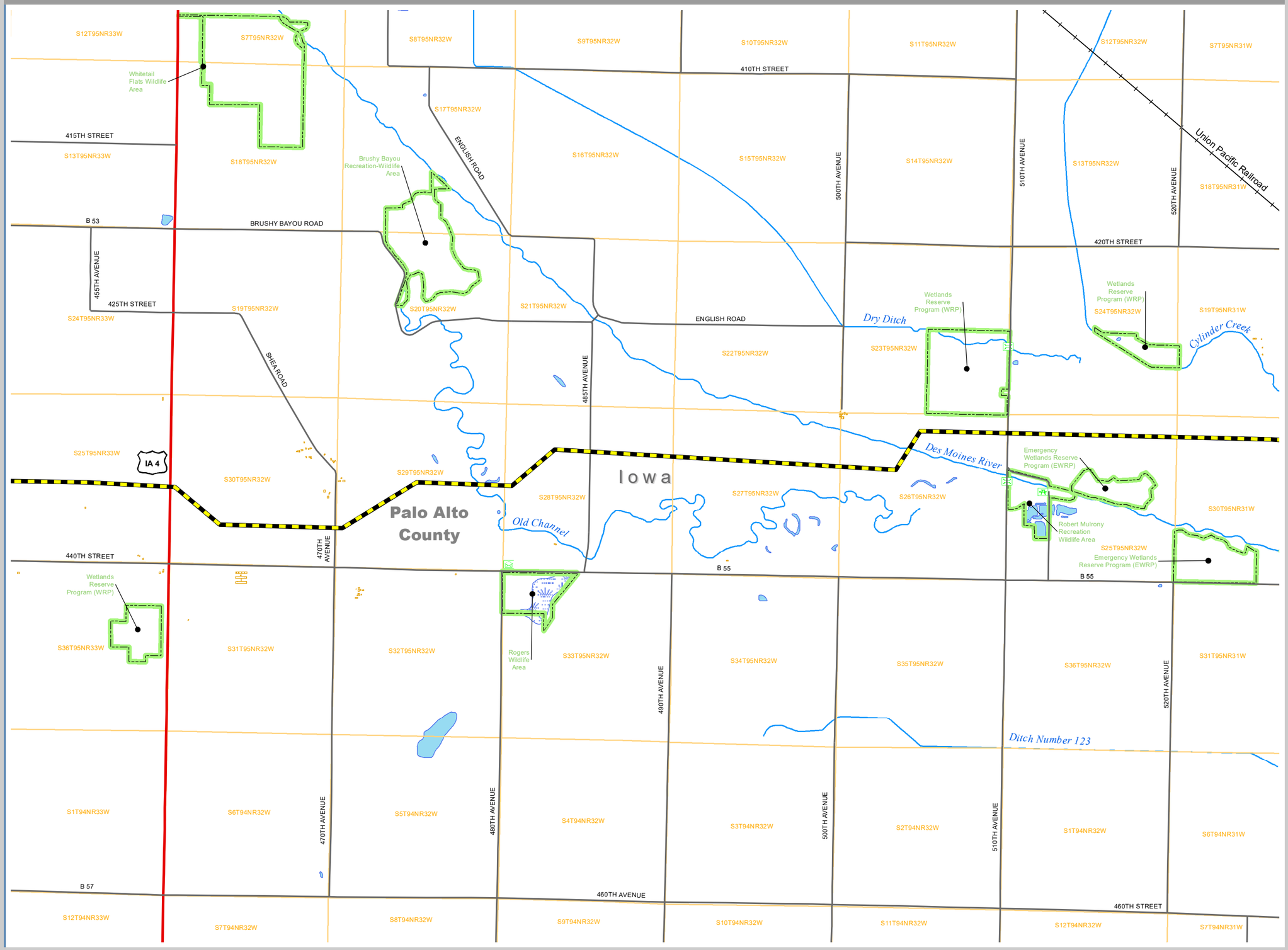
Projection:
Transverse Mercator
North American 1983

Route:
Main Line
Sheet 20 of 116

Drawing Number:
1
Current Revision

Filed with the Iowa Utilities Board on January 28, 2022, HLP-2021-0001

SUMMIT CARBON SOLUTIONS LLC - EXHIBIT B - ROUTE MAPS



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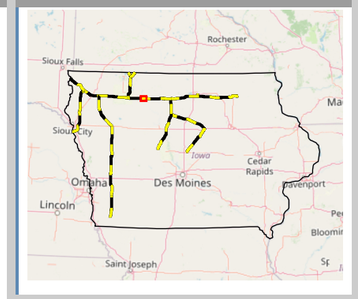

LEGEND

- Proposed Summit Pipeline
- Other Roadway
- Highway
- Railroads
- Structure Outline
- Conservation and Recreational Lands
- Public Land Survey System
- Counties
- Waterway
- Lake/Pond
- Swamp/Marsh
- Bridge
- Park
- Post Office

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SUMMIT CARBON SOLUTIONS LLC PROJECT

Figure Title:
Summit - Route Map - Palo Alto County

Figure Number:
Exhibit B

Scale:
1:36,000
1 inch = 3,000 feet

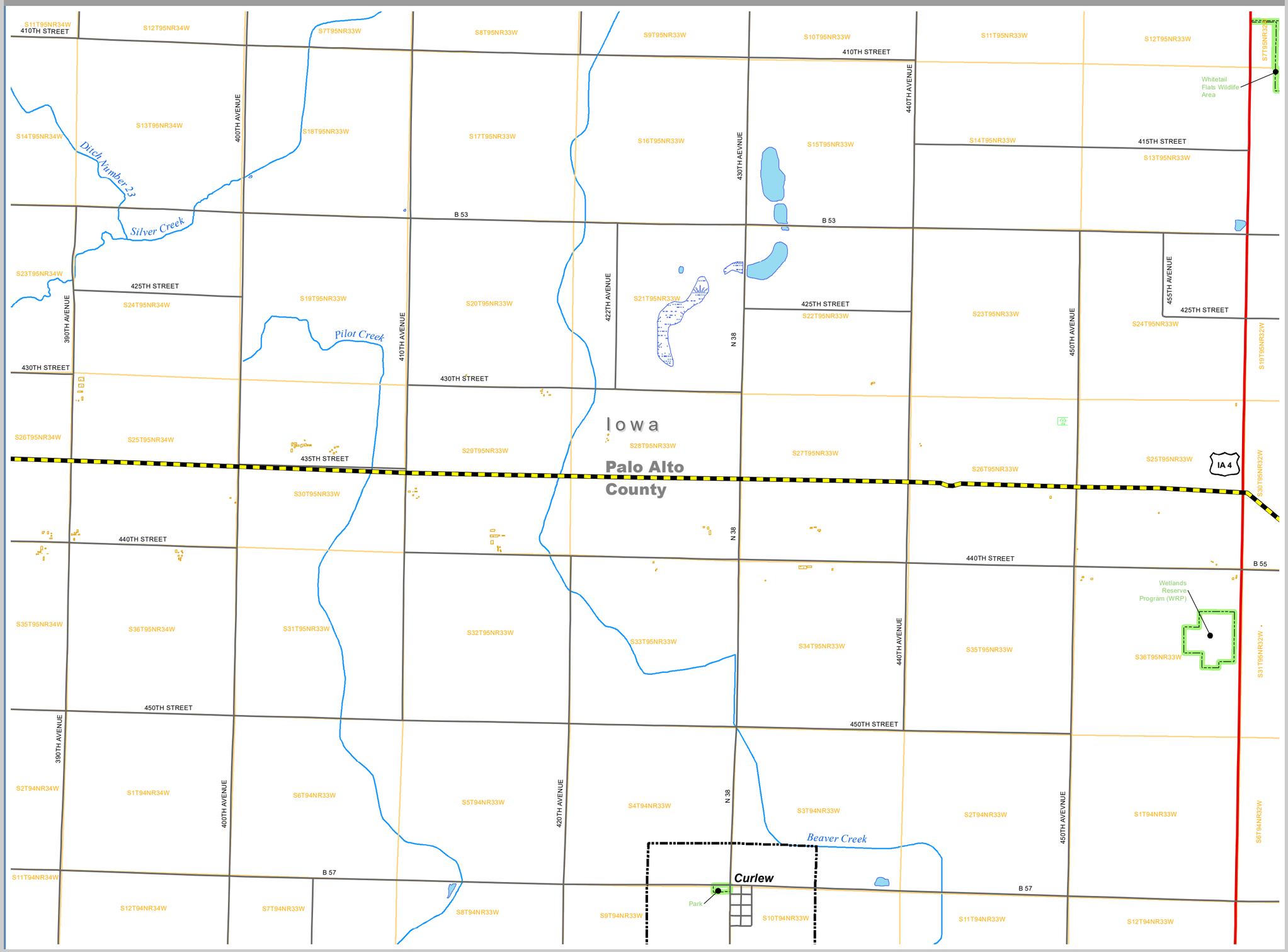
Projection:
Transverse Mercator
North American 1983

Route:
Main Line
Sheet 21 of 116

Drawing Number:
1
Current Revision

Filed with the Iowa Utilities Board on January 28, 2022, HLP-2021-0001

SUMMIT CARBON SOLUTIONS LLC - EXHIBIT B - ROUTE MAPS



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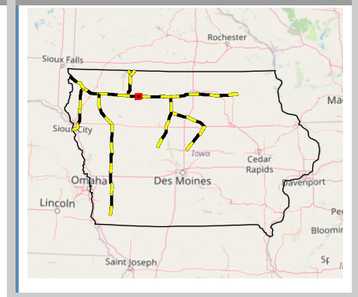

LEGEND

- Proposed Summit Pipeline
- Other Roadway
- Highway
- Structure Outline
- City Limits
- Conservation and Recreational Lands
- Public Land Survey System
- Counties
- Waterway
- Lake/Pond
- Swamp/Marsh
- Radio Tower

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SUMMIT CARBON SOLUTIONS LLC PROJECT

Figure Title:
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Figure Number:
Exhibit B

Scale:
1:36,000
1 inch = 3,000 feet

Projection:
Transverse Mercator
North American 1983

Route:
Main Line
Sheet 22 of 116

Drawing Number:
1
Current Revision

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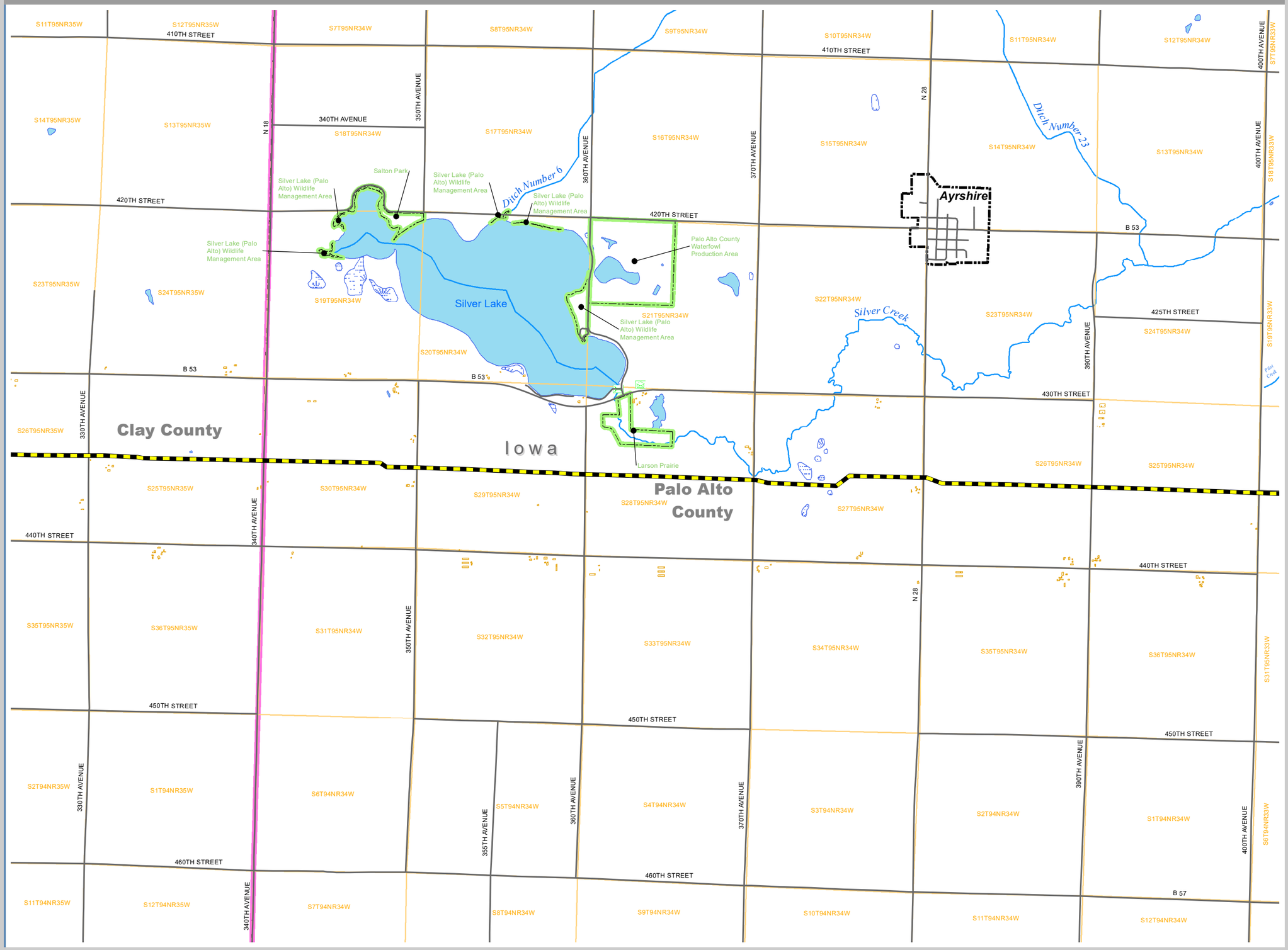
SUMMIT CARBON SOLUTIONS LLC - EXHIBIT B - ROUTE MAPS



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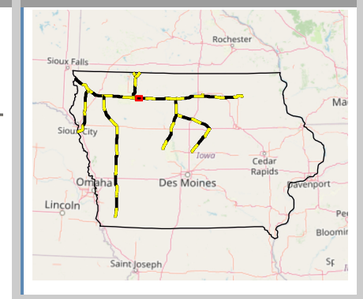

LEGEND

- Proposed Summit Pipeline
- Other Roadway
- Structure Outline
- City Limits
- Conservation and Recreational Lands
- Public Land Survey System
- Counties
- Waterway
- Lake/Pond
- Swamp/Marsh
- Bridge
- Post Office

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SUMMIT CARBON SOLUTIONS LLC PROJECT

Figure Title:
Summit - Route Map - Palo Alto County

Figure Number:
Exhibit B

Scale:
1:36,000
1 inch = 3,000 feet

Projection:
Transverse Mercator
North American 1983

Route:
Main Line
Sheet 23 of 116

Drawing Number:
1
Current Revision

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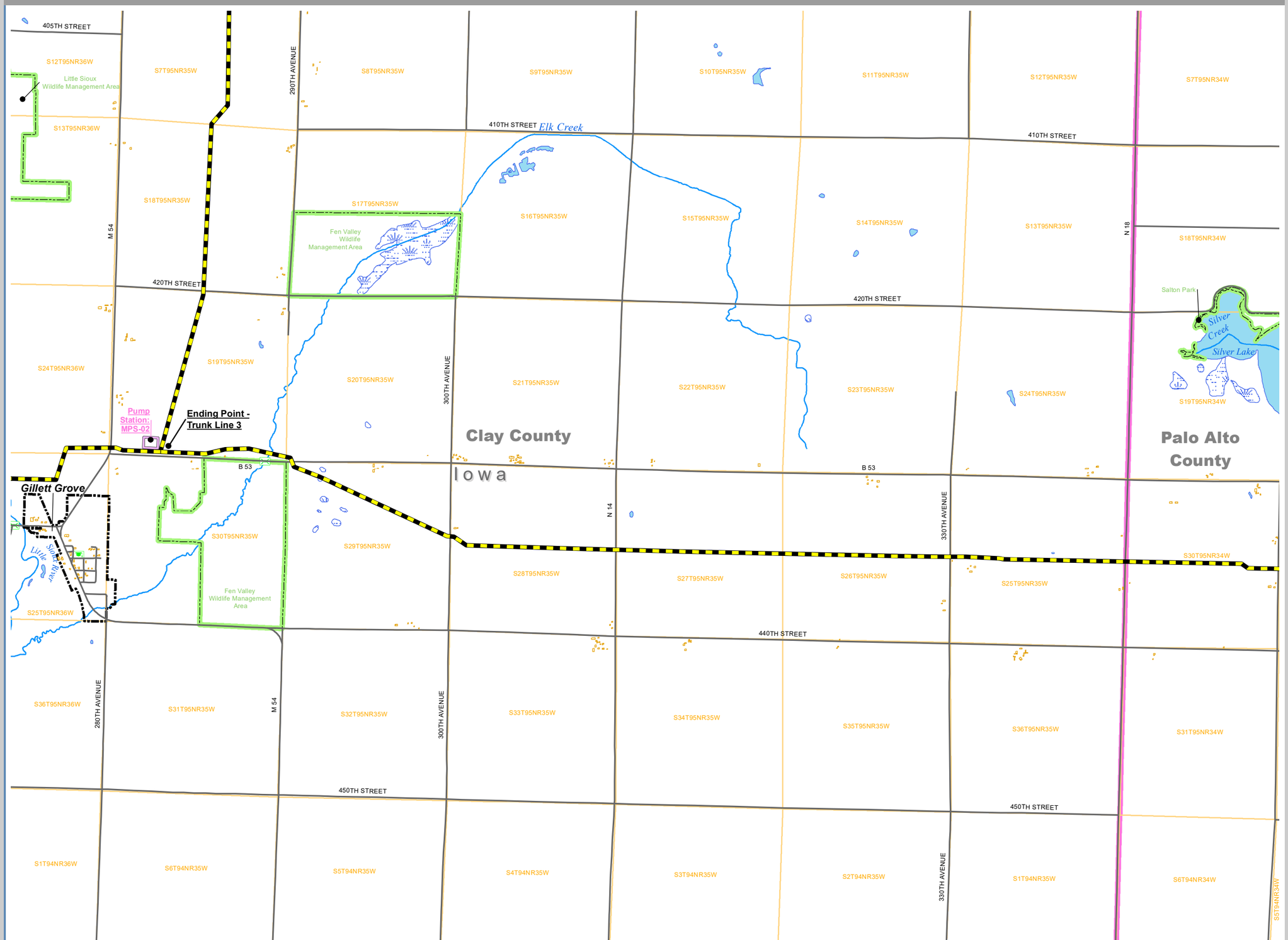

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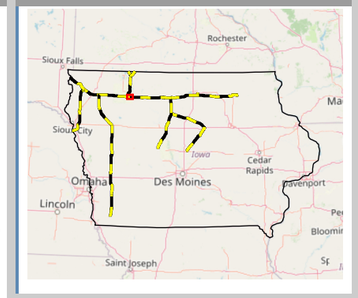

LEGEND

- Proposed Summit Pipeline
- Proposed Pump Station
- Other Roadway
- Structure Outline
- City Limits
- Conservation and Recreational Lands
- Public Land Survey System
- Counties
- Waterway
- Lake/Pond
- Swamp/Marsh
- Bridge
- Building
- Church
- School

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2022-01-20		

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SUMMIT CARBON SOLUTIONS LLC PROJECT

Figure Title:
Summit - Route Map - Clay County

Figure Number:
Exhibit B

Scale:
1:36,000
1 inch = 3,000 feet

N

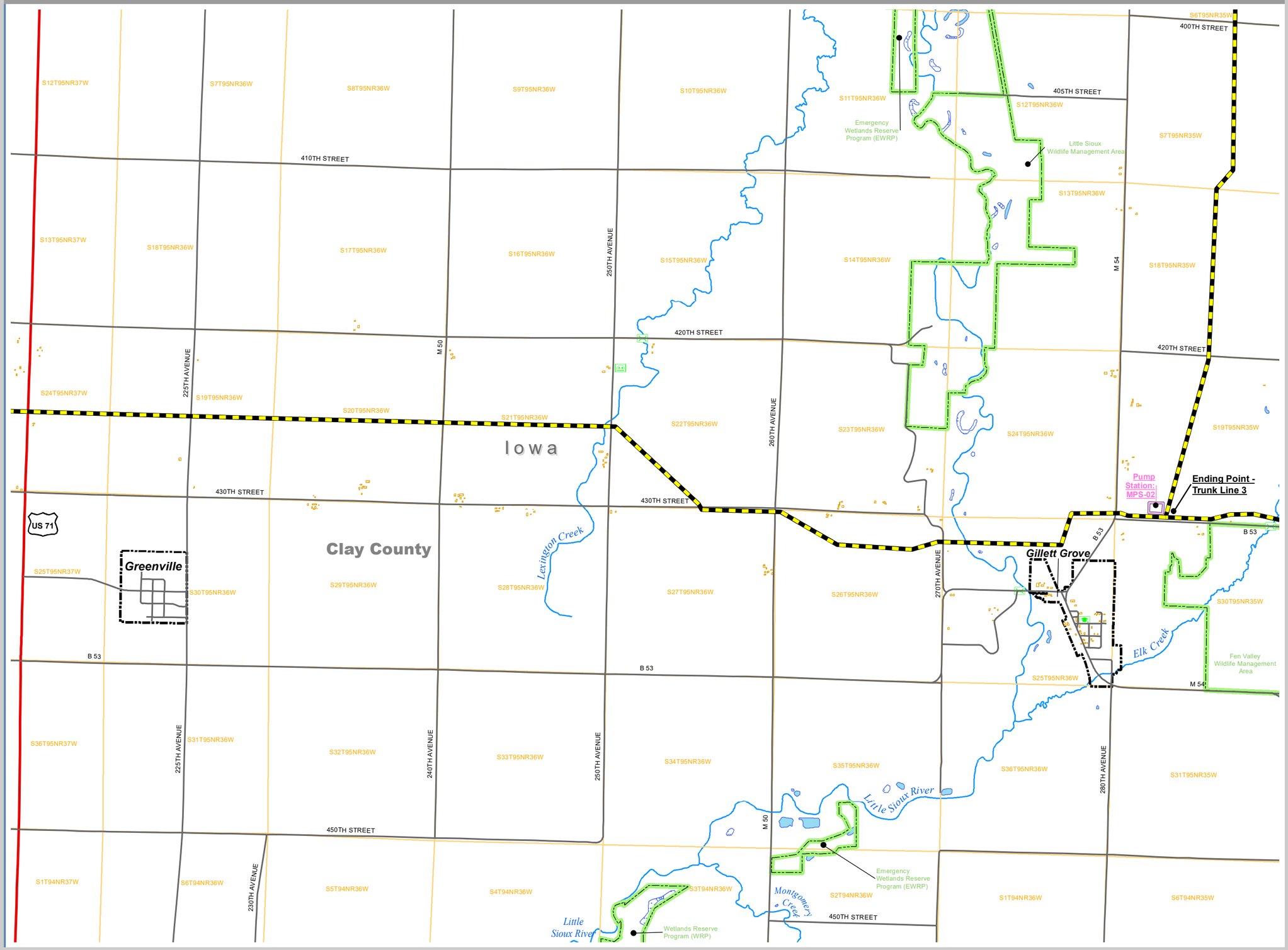
Projection:
Transverse Mercator
North American 1983

Route:
Main Line/Trunk Line 3
Sheet 24 of 116

Drawing Number:
1
Current Revision

Filed with the Iowa Utilities Board on January 28, 2022, HLP-2021-0001

SUMMIT CARBON SOLUTIONS LLC - EXHIBIT B - ROUTE MAPS



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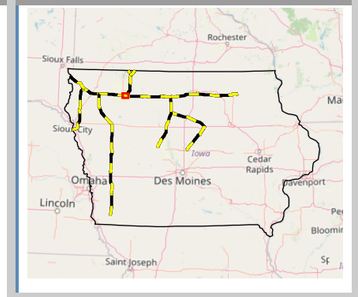

LEGEND

- Proposed Summit Pipeline
- Proposed Pump Station
- Other Roadway
- Highway
- Structure Outline
- City Limits
- Conservation and Recreational Lands
- Public Land Survey System
- Counties
- Waterway
- Lake/Pond
- Swamp/Marsh
- Bridge
- Building
- Cemetery
- Church
- School

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SUMMIT CARBON SOLUTIONS

SUMMIT CARBON SOLUTIONS LLC PROJECT

Figure Title:
Summit - Route Map - Clay County

Figure Number:
Exhibit B

Scale:
1:36,000
1 inch = 3,000 feet

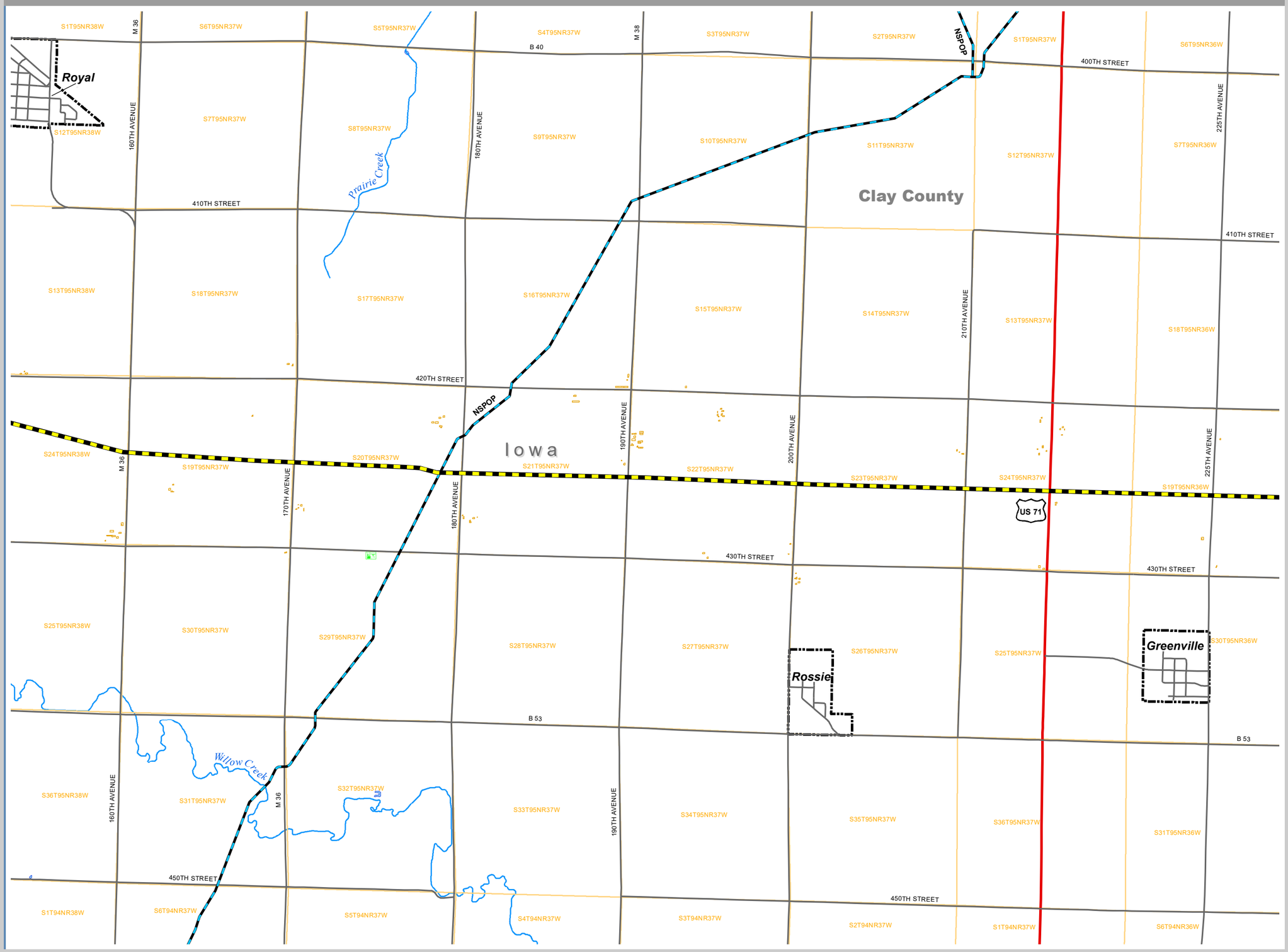
Projection:
Transverse Mercator
North American 1983

Route:
Main Line/Trunk LIne 3
Sheet 25 of 116

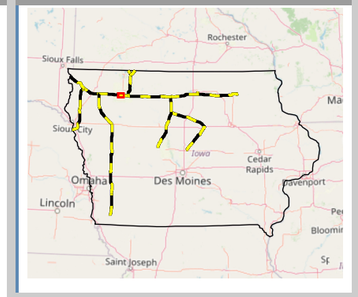
Drawing Number:
1
Current Revision

Filed with the Iowa Utilities Board on January 28, 2022, HLP-2021-0001

SUMMIT CARBON SOLUTIONS LLC - EXHIBIT B - ROUTE MAPS



VICINITY MAP



LEGEND

- Proposed Summit Pipeline
- Other Roadway
- Highway
- Structure Outline
- City Limits
- Public Land Survey System
- Counties
- Waterway
- Lake/Pond
- Utilities

Third-party Pipeline

- NSPOP - NuStar Pipeline Operating Partnership, L.P.

REVISIONS

Date:	Revised by:	Checked by:
2022-01-20		

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SUMMIT CARBON SOLUTIONS

SUMMIT CARBON SOLUTIONS LLC PROJECT

Figure Title:
Summit - Route Map - Clay County

Figure Number:
Exhibit B

Scale:
1:36,000
1 inch = 3,000 feet

N

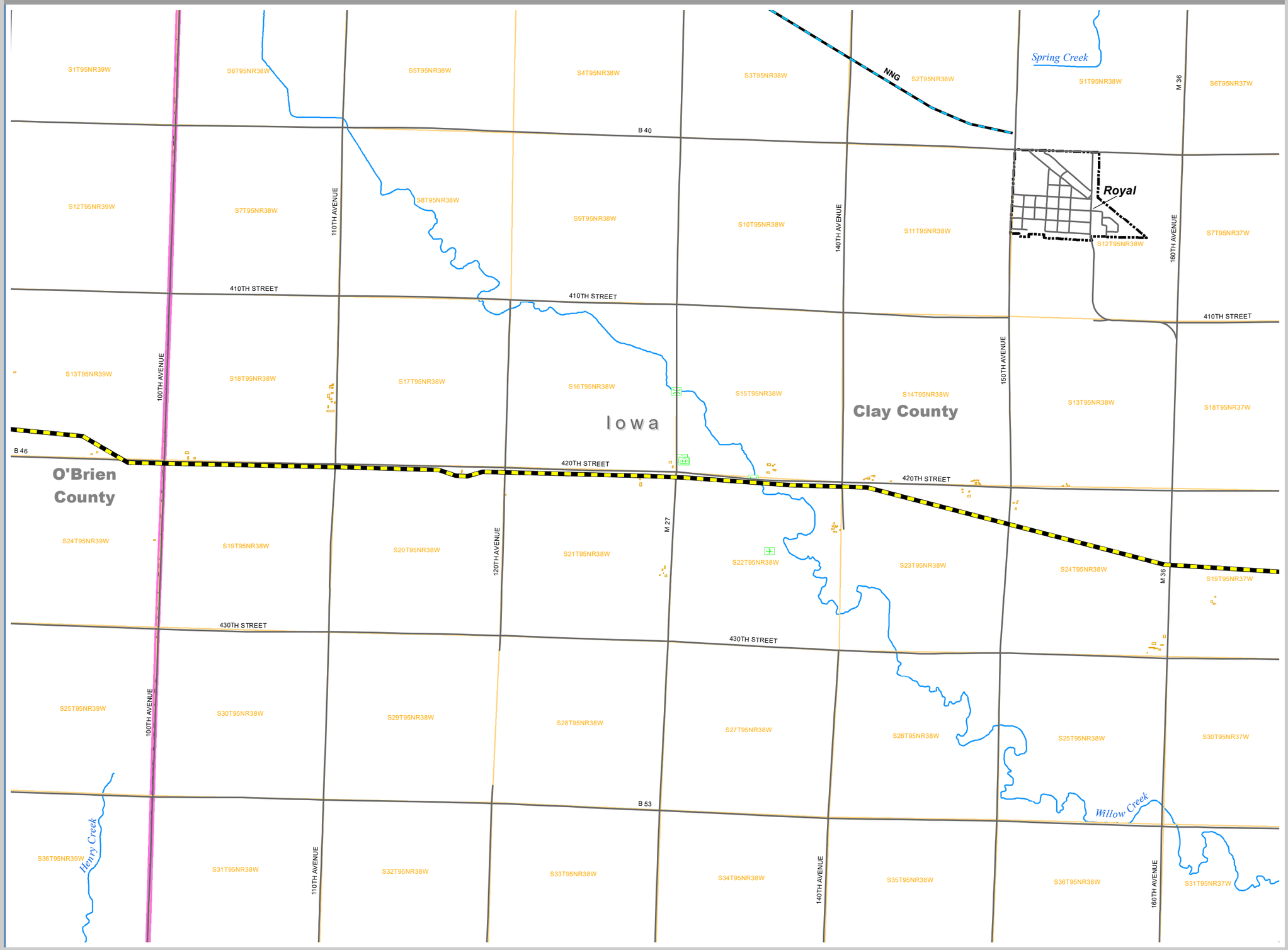
Projection:
Transverse Mercator
North American 1983

Route:
Main Line
Sheet 26 of 116

Drawing Number:
1
Current Revision

Filed with the Iowa Utilities Board on January 28, 2022, HLP-2021-0001

SUMMIT CARBON SOLUTIONS LLC - EXHIBIT B - ROUTE MAPS



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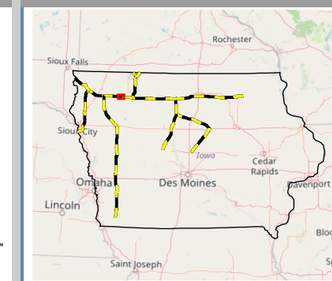

LEGEND

- Proposed Summit Pipeline
- Other Roadway
- Structure Outline
- City Limits

Third-party Pipeline

- NNG - Northern Natural Gas Company
- Public Land Survey System
- Counties
- Waterway
- Airport
- Bridge
- Cemetery

REVISIONS

Date:	Revised by:	Checked by:
2022-01-20		

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United States of America

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SUMMIT CARBON SOLUTIONS LLC PROJECT

Figure Title:

Summit - Route Map - Clay County

Figure Number:

Exhibit B

Scale: 1:36,000
1 inch = 3,000 feet

N

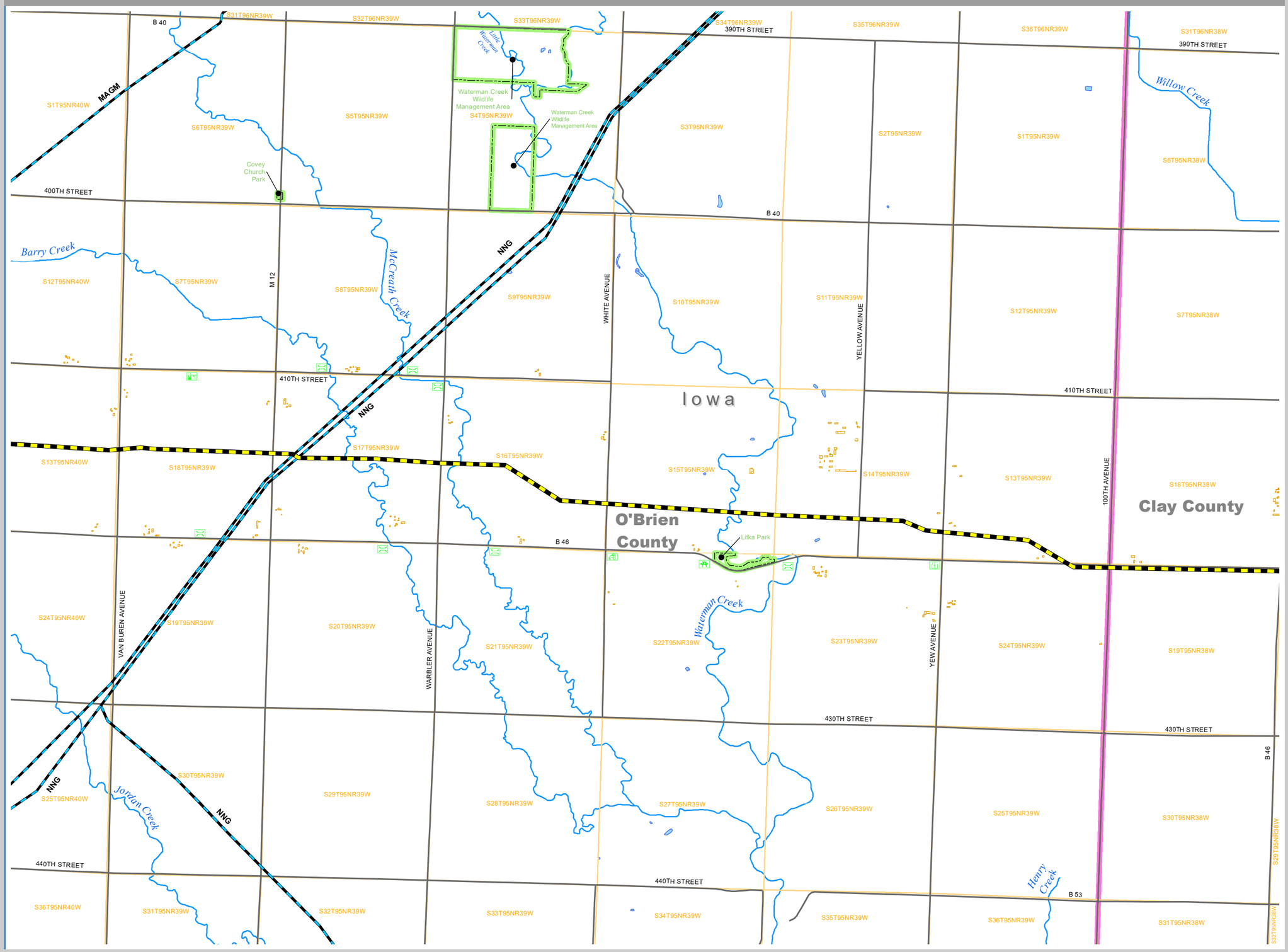
Projection: Transverse Mercator
North American 1983

Route: Main Line
Sheet 27 of 116

Drawing Number: 1
Current Revision

Filed with the Iowa Utilities Board on January 28, 2022, HLP-2021-0001

SUMMIT CARBON SOLUTIONS LLC - EXHIBIT B - ROUTE MAPS



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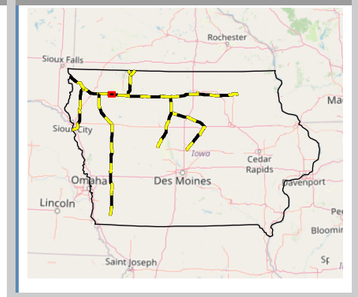

LEGEND

- Proposed Summit Pipeline
- Other Roadway
- Structure Outline
- Conservation and Recreational Lands

Third-party Pipeline

- MAGM - Magellan Midstream Partners, L.P.
- NNG - Northern Natural Gas Company

- Public Land Survey System
- Counties
- Waterway
- Lake/Pond
- Bridge
- Building
- Church
- Park
- Utilities

REVISIONS

Date:	Revised by:	Checked by:
2022-01-20		

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SUMMIT CARBON SOLUTIONS

SUMMIT CARBON SOLUTIONS LLC PROJECT

Figure Title:
Summit - Route Map - O'Brien County

Figure Number:
Exhibit B

Scale:
1:36,000
1 inch = 3,000 feet

N

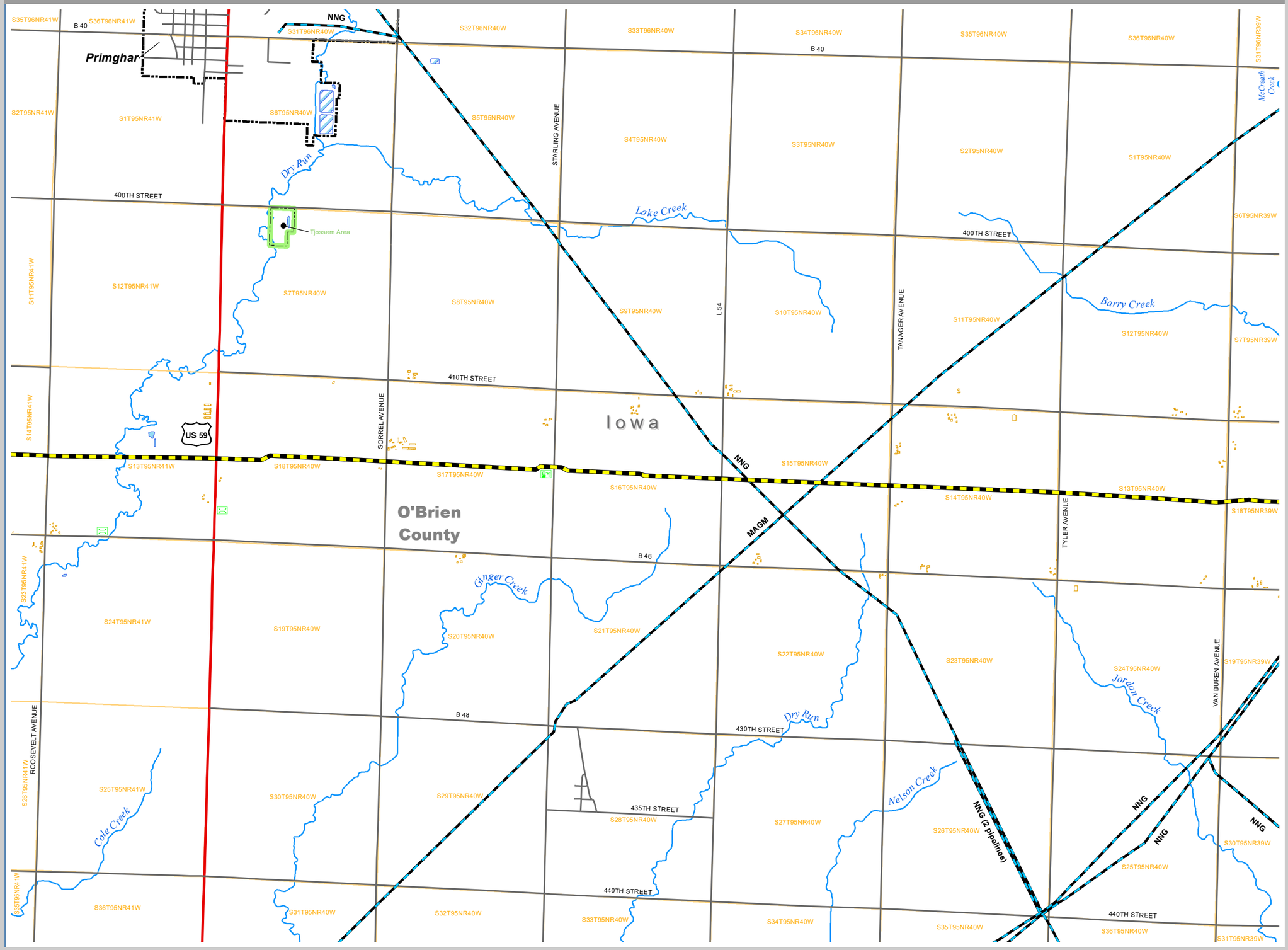
Projection:
Transverse Mercator
North American 1983

Route:
Main Line
Sheet 28 of 116

Drawing Number:
1
Current Revision

Filed with the Iowa Utilities Board on January 28, 2022, HLP-2021-0001

SUMMIT CARBON SOLUTIONS LLC - EXHIBIT B - ROUTE MAPS



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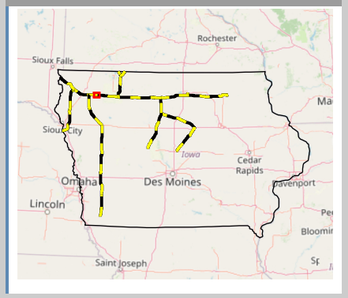

LEGEND

- Proposed Summit Pipeline
- Other Roadway
- Highway
- Structure Outline
- City Limits
- Conservation and Recreational Lands
- Public Land Survey System
- Counties
- Waterway
- Lake/Pond
- Reservoir
- Bridge
- Utilities

Third-party Pipeline

- MAGM - Magellan Midstream Partners, L.P.
- NNG - Northern Natural Gas Company

REVISIONS

Date:	Revised by:	Checked by:
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SUMMIT CARBON SOLUTIONS LLC PROJECT

Figure Title:
Summit - Route Map - O'Brien County

Figure Number:
Exhibit B

Scale:
1:36,000
1 inch = 3,000 feet

N

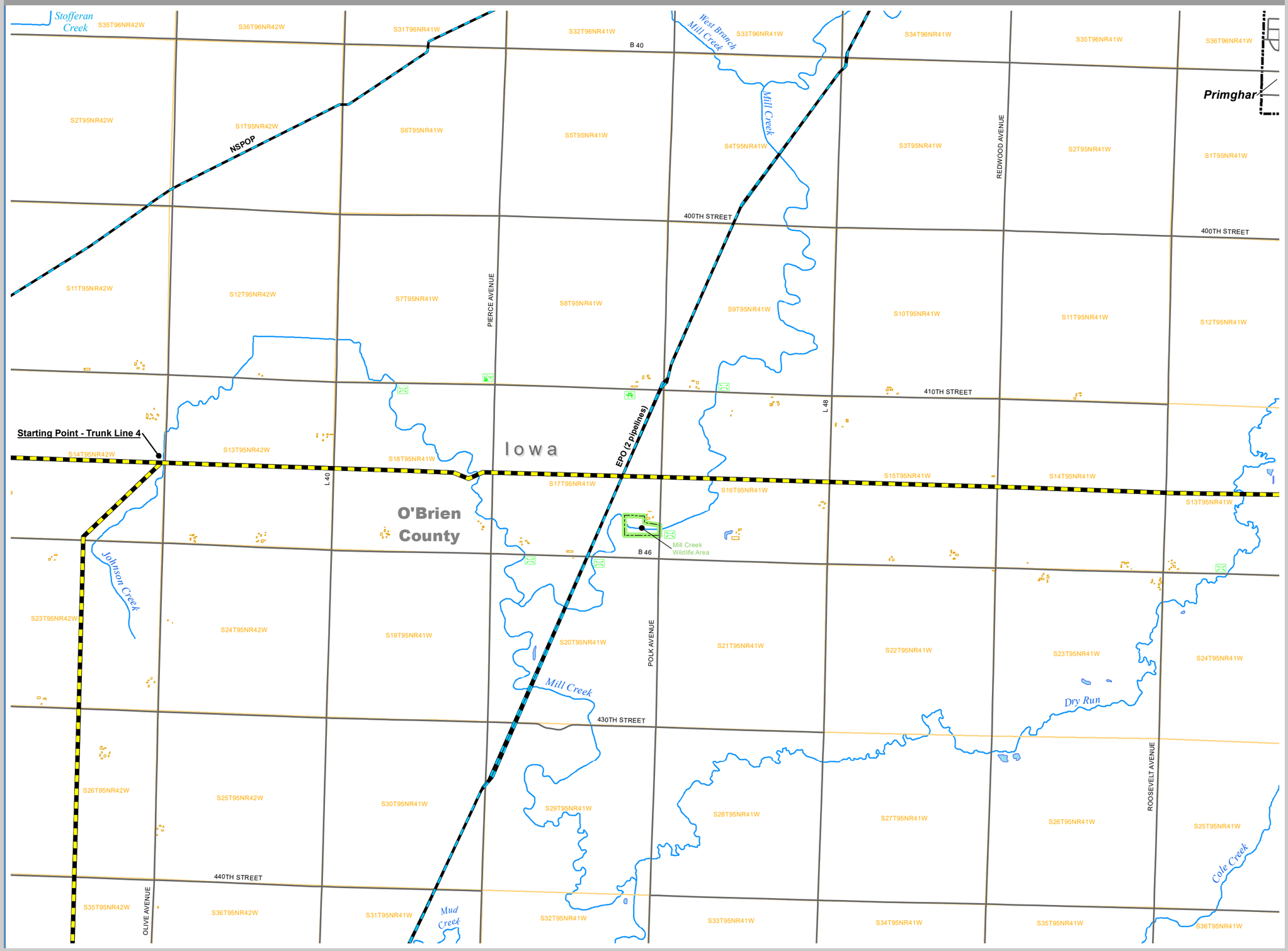
Projection:
Transverse Mercator
North American 1983

Route:
Main Line
Sheet 29 of 116

Drawing Number:
1
Current Revision

Filed with the Iowa Utilities Board on January 28, 2022, HLP-2021-0001

SUMMIT CARBON SOLUTIONS LLC - EXHIBIT B - ROUTE MAPS



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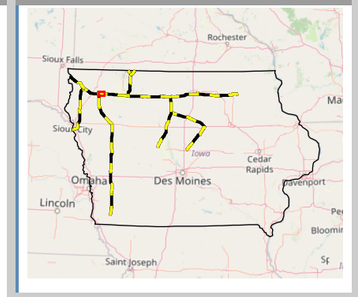

LEGEND

- Proposed Summit Pipeline
- Other Roadway
- Structure Outline
- City Limits
- Conservation and Recreational Lands

Third-party Pipeline

- EPO - Enterprise Products Operating, L.L.C.
- NSPOP - NuStar Pipeline Operating Partnership, L.P.

- Public Land Survey System
- Counties
- Waterway
- Lake/Pond
- Bridge
- Park
- Utilities

REVISIONS

Date:	Revised by:	Checked by:
2022-01-20		

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SUMMIT CARBON SOLUTIONS LLC PROJECT

Figure Title:
Summit - Route Map - O'Brien County

Figure Number:
Exhibit B

Scale:
1:36,000
1 inch = 3,000 feet

N

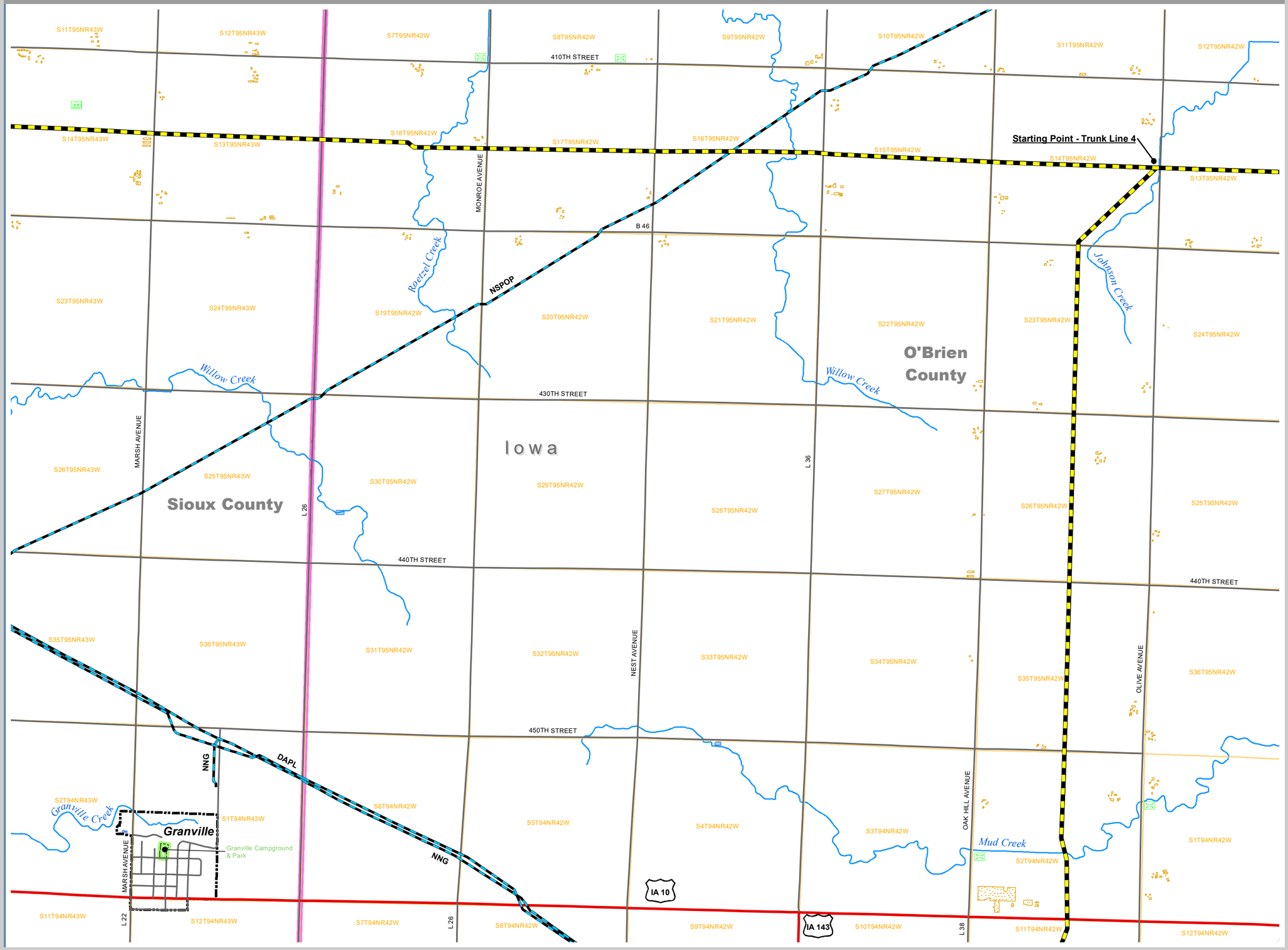
Projection:
Transverse Mercator
North American 1983

Route:
Main Line/Trunk Line 4
Sheet 30 of 116

Drawing Number:
1
Current Revision

Filed with the Iowa Utilities Board on January 28, 2022, HLP-2021-0001

SUMMIT CARBON SOLUTIONS LLC - EXHIBIT B - ROUTE MAPS



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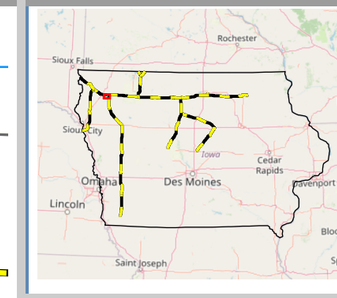

LEGEND

- Proposed Summit Pipeline
- Other Roadway
- Highway
- Structure Outline
- City Limits
- Conservation and Recreational Lands
- Public Land Survey System
- Counties
- Waterway
- Lake/Pond
- Reservoir
- Bridge
- Cemetery

Third-party Pipeline

- DAPL - Dakota Access, L.L.C.
- NNG - Northern Natural Gas Company
- NSPOP - NuStar Pipeline Operating Partnership, L.P.

REVISIONS

Date:	Revised by:	Checked by:
2022-01-20		

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SUMMIT CARBON SOLUTIONS LLC PROJECT

Figure Title:
Summit - Route Map - O'Brien County

Figure Number:
Exhibit B

Scale:
1:36,000
1 inch = 3,000 feet

N

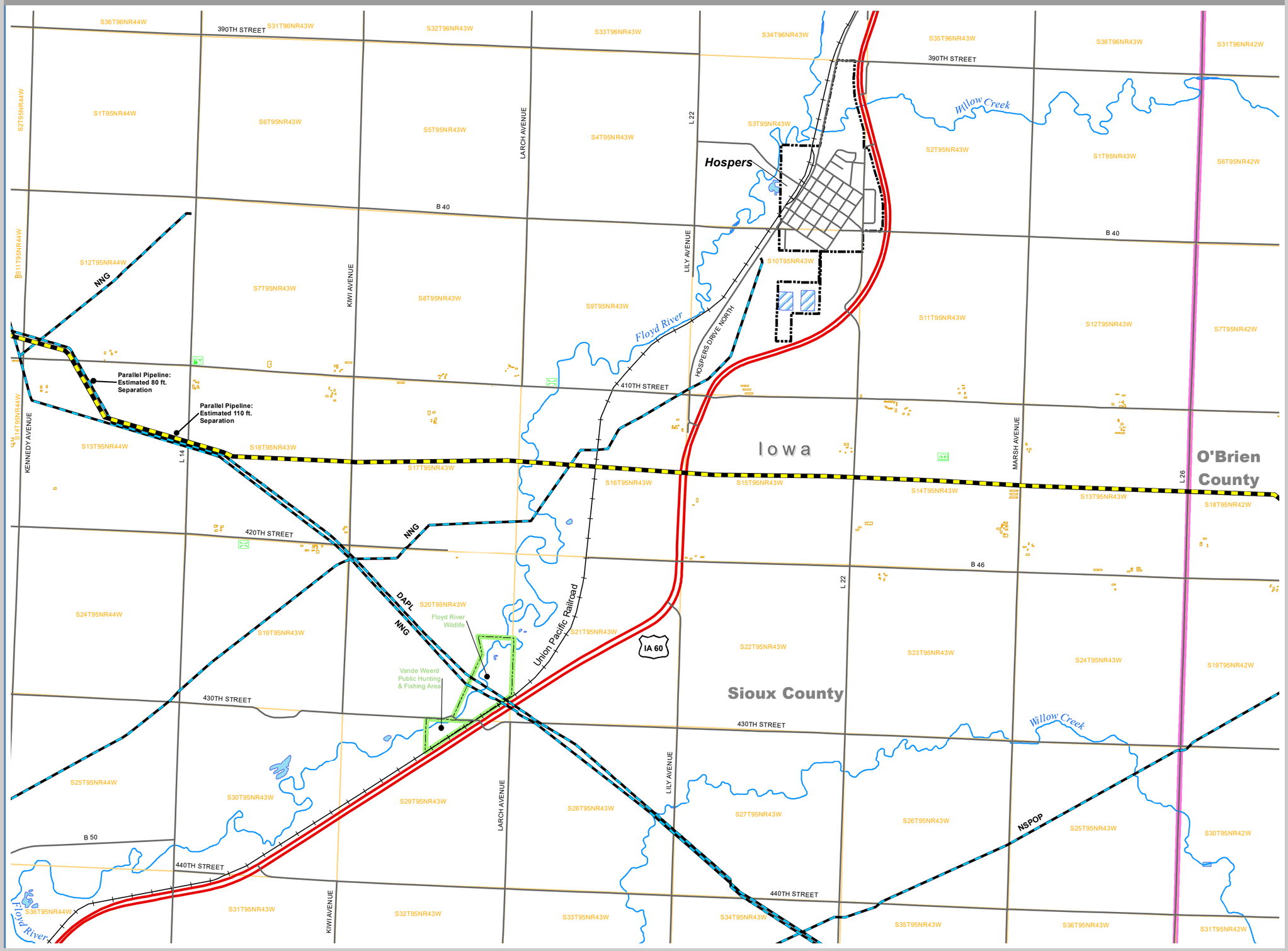
Projection:
Transverse Mercator
North American 1983

Route:
Main Line/Trunk Line 4
Sheet 31 of 116

Drawing Number:
1
Current Revision

Filed with the Iowa Utilities Board on January 28, 2022, HLP-2021-0001

SUMMIT CARBON SOLUTIONS LLC - EXHIBIT B - ROUTE MAPS



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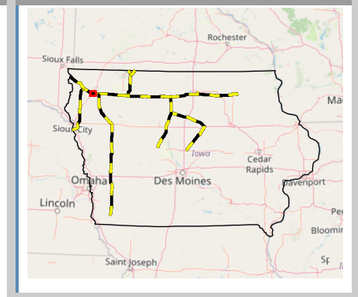

LEGEND

- Proposed Summit Pipeline
- Other Roadway
- Highway
- Railroads
- Structure Outline
- City Limits
- Conservation and Recreational Lands
- Public Land Survey System
- Counties
- Waterway
- Lake/Pond
- Reservoir
- Bridge
- Cemetery
- Utilities

Third-party Pipeline

- DAPL - Dakota Access, L.L.C.
- NNG - Northern Natural Gas Company
- NSPOP - NuStar Pipeline Operating Partnership, L.P.

REVISIONS

Date:	Revised by:	Checked by:
2022-01-20		

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SUMMIT CARBON SOLUTIONS

SUMMIT CARBON SOLUTIONS LLC PROJECT

Figure Title:
Summit - Route Map - Sioux County

Figure Number:
Exhibit B

Scale:
1:36,000
1 inch = 3,000 feet

N

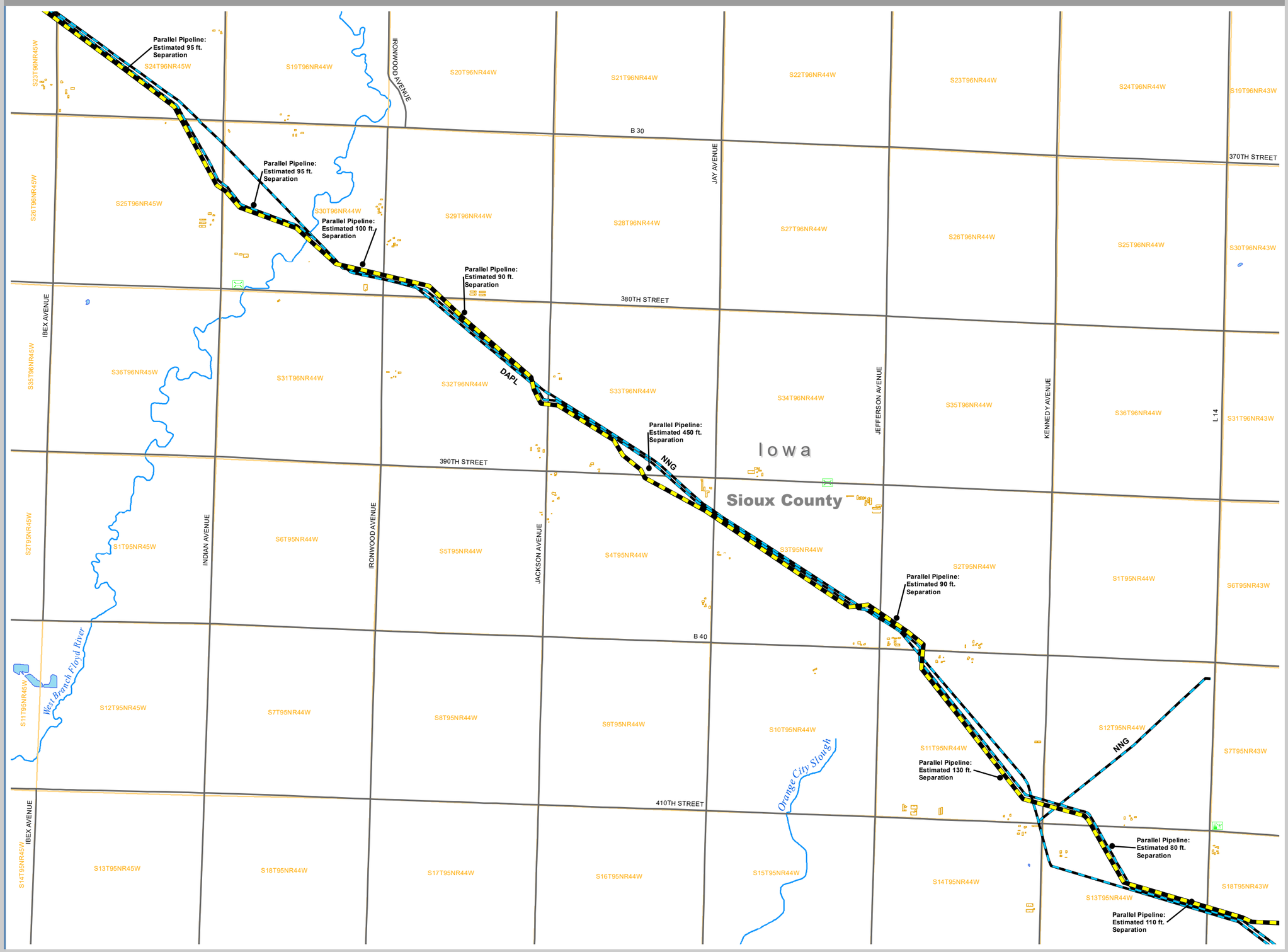
Projection:
Transverse Mercator
North American 1983

Route:
Main Line
Sheet 32 of 116

Drawing Number:
1
Current Revision

Filed with the Iowa Utilities Board on January 28, 2022, HLP-2021-0001

SUMMIT CARBON SOLUTIONS LLC - EXHIBIT B - ROUTE MAPS



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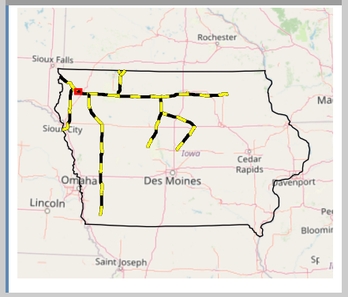

LEGEND

- Proposed Summit Pipeline
- Other Roadway
- Structure Outline
- **Third-party Pipeline**
- DAPL - Dakota Access, L.L.C.
- NNG - Northern Natural Gas Company
- Public Land Survey System
- Counties
- Waterway
- Lake/Pond
- Bridge
- Utilities

REVISIONS

Date:	Revised by:	Checked by:
2022-01-20		

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SUMMIT CARBON SOLUTIONS LLC PROJECT

Figure Title:
Summit - Route Map - Sioux County

Figure Number:
Exhibit B

Scale:
1:36,000
1 inch = 3,000 feet

N

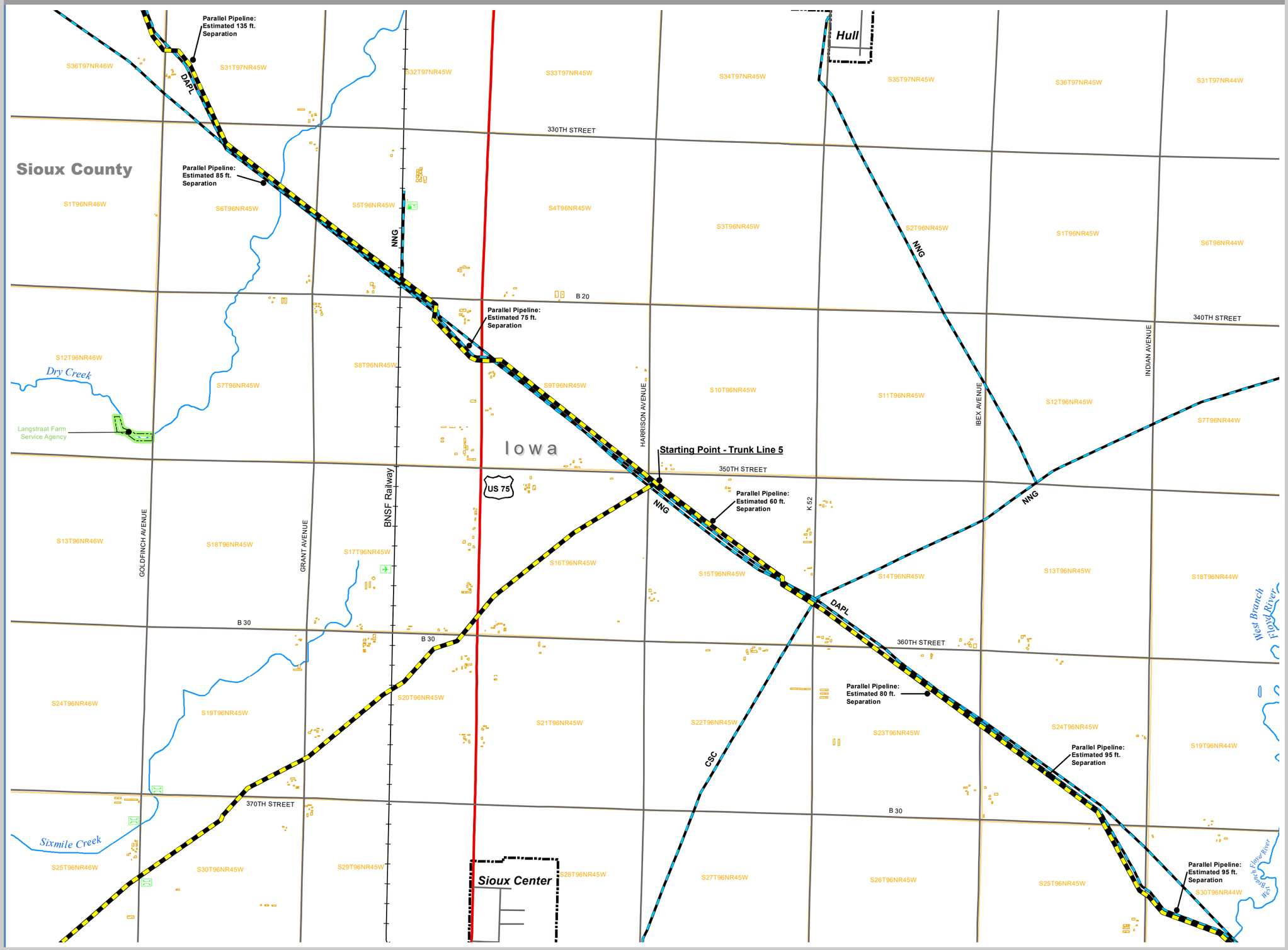
Projection:
Transverse Mercator
North American 1983

Route:
Main Line
Sheet 33 of 116

Drawing Number:
1
Current Revision

Filed with the Iowa Utilities Board on January 28, 2022, HLP-2021-0001

SUMMIT CARBON SOLUTIONS LLC - EXHIBIT B - ROUTE MAPS



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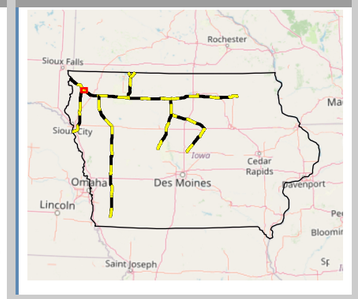

LEGEND

- Proposed Summit Pipeline
- Other Roadway
- Highway
- Railroads
- Structure Outline
- City Limits
- Conservation and Recreational Lands
- Public Land Survey System
- Counties
- Waterway
- Lake/Pond
- Airport
- Bridge
- Utilities

Third-party Pipeline

- CSC - City of Sioux Center
- DAPL - Dakota Access, L.L.C.
- NNG - Northern Natural Gas Company

REVISIONS

Date:	Revised by:	Checked by:
2022-01-20		

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SUMMIT CARBON SOLUTIONS

SUMMIT CARBON SOLUTIONS LLC PROJECT

Figure Title:
Summit - Route Map - Sioux County

Figure Number:
Exhibit B

Scale:
1:36,000
1 inch = 3,000 feet

N

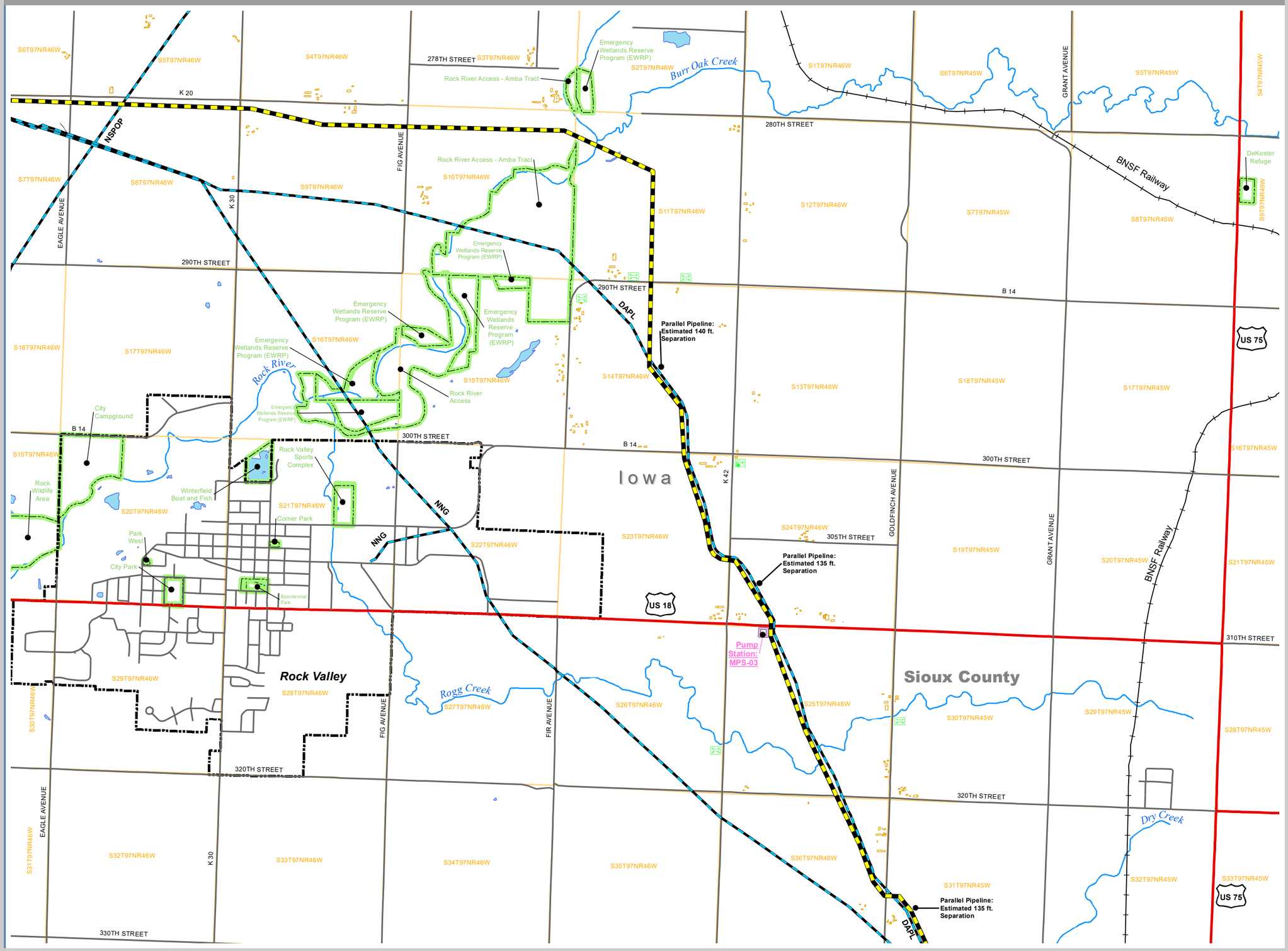
Projection:
Transverse Mercator
North American 1983

Route:
Main Line/Trunk Line 5
Sheet 34 of 116

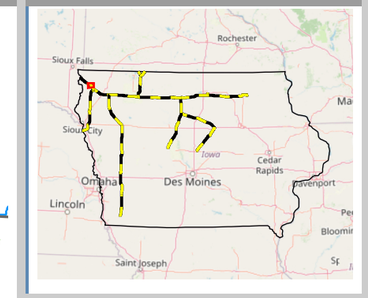
Drawing Number:
1
Current Revision

Filed with the Iowa Utilities Board on January 28, 2022, HLP-2021-0001

SUMMIT CARBON SOLUTIONS LLC - EXHIBIT B - ROUTE MAPS



VICINITY MAP



LEGEND

- Proposed Summit Pipeline
- Proposed Pump Station
- Other Roadway
- Highway
- Railroads
- Structure Outline
- City Limits
- Conservation and Recreational Lands
- Public Land Survey System
- Counties
- Waterway
- Lake/Pond
- Reservoir
- Bridge
- Utilities

Third-party Pipeline

- DAPL - Dakota Access, L.L.C.
- NNG - Northern Natural Gas Company
- NSPOP - NuStar Pipeline Operating Partnership, L.P.

REVISIONS

Date:	Revised by:	Checked by:
2022-01-20		

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SUMMIT CARBON SOLUTIONS LLC PROJECT

Figure Title:
Summit - Route Map - Sioux County

Figure Number:
Exhibit B

Scale:
1:36,000
1 inch = 3,000 feet

N

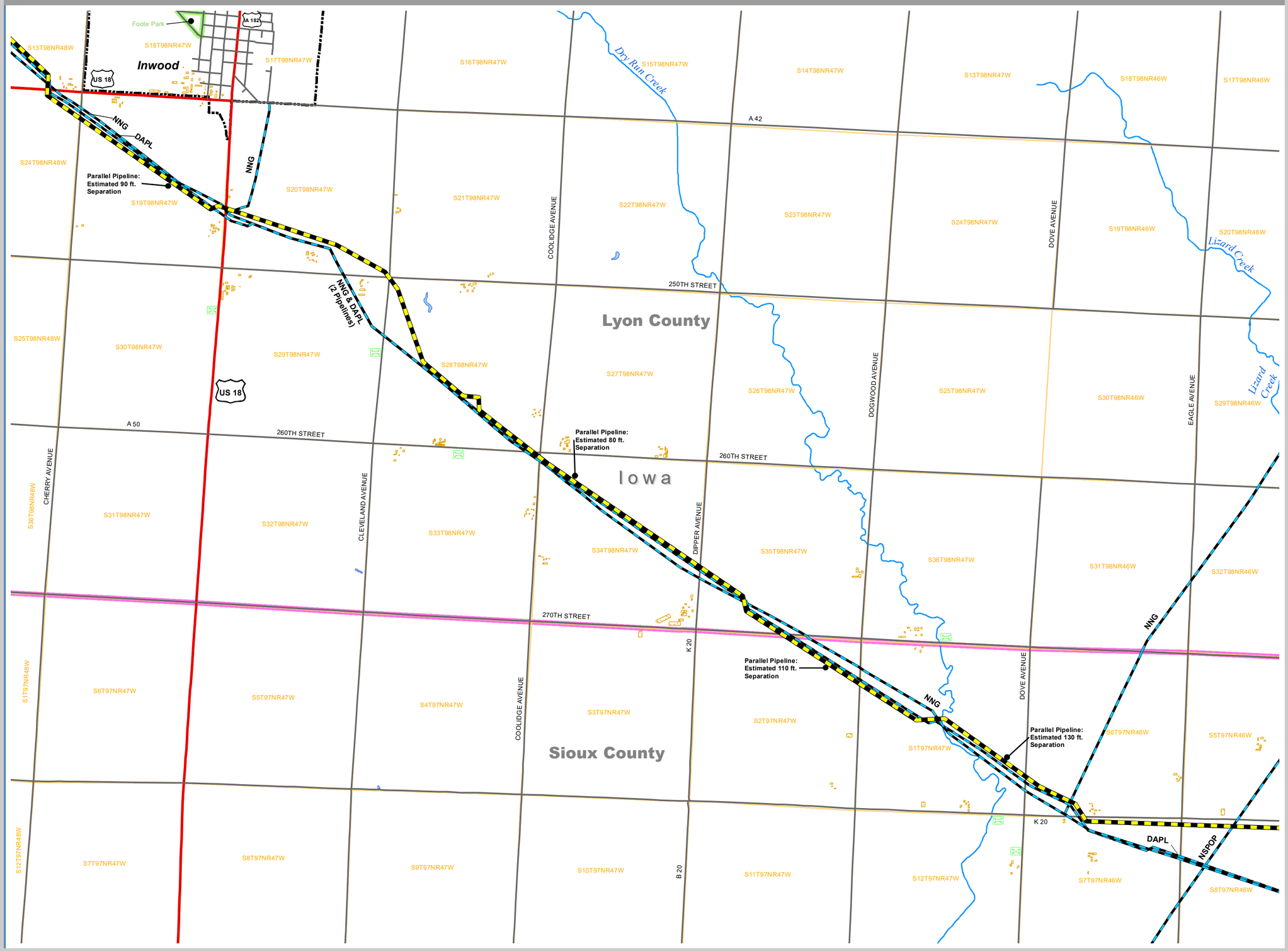
Projection:
Transverse Mercator
North American 1983

Route:
Main Line
Sheet 35 of 116

Drawing Number:
1
Current Revision

Filed with the Iowa Utilities Board on January 28, 2022, HLP-2021-0001

SUMMIT CARBON SOLUTIONS LLC - EXHIBIT B - ROUTE MAPS



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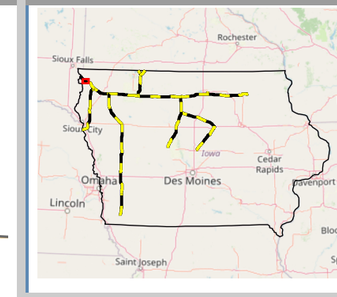

LEGEND

- Proposed Summit Pipeline
- Other Roadway
- Highway
- Structure Outline
- City Limits
- Conservation and Recreational Lands
- Public Land Survey System
- Counties
- Waterway
- Lake/Pond
- Bridge

Third-party Pipeline

- DAPL - Dakota Access, L.L.C.
- NNG - Northern Natural Gas Company
- NSPOP - NuStar Pipeline Operating Partnership, L.P.

REVISIONS

Date:	Revised by:	Checked by:
2022-01-20		

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SUMMIT CARBON SOLUTIONS

SUMMIT CARBON SOLUTIONS LLC PROJECT

Figure Title:
Summit - Route Map - Sioux County

Figure Number:
Exhibit B

Scale:
1:36,000
1 inch = 3,000 feet

N

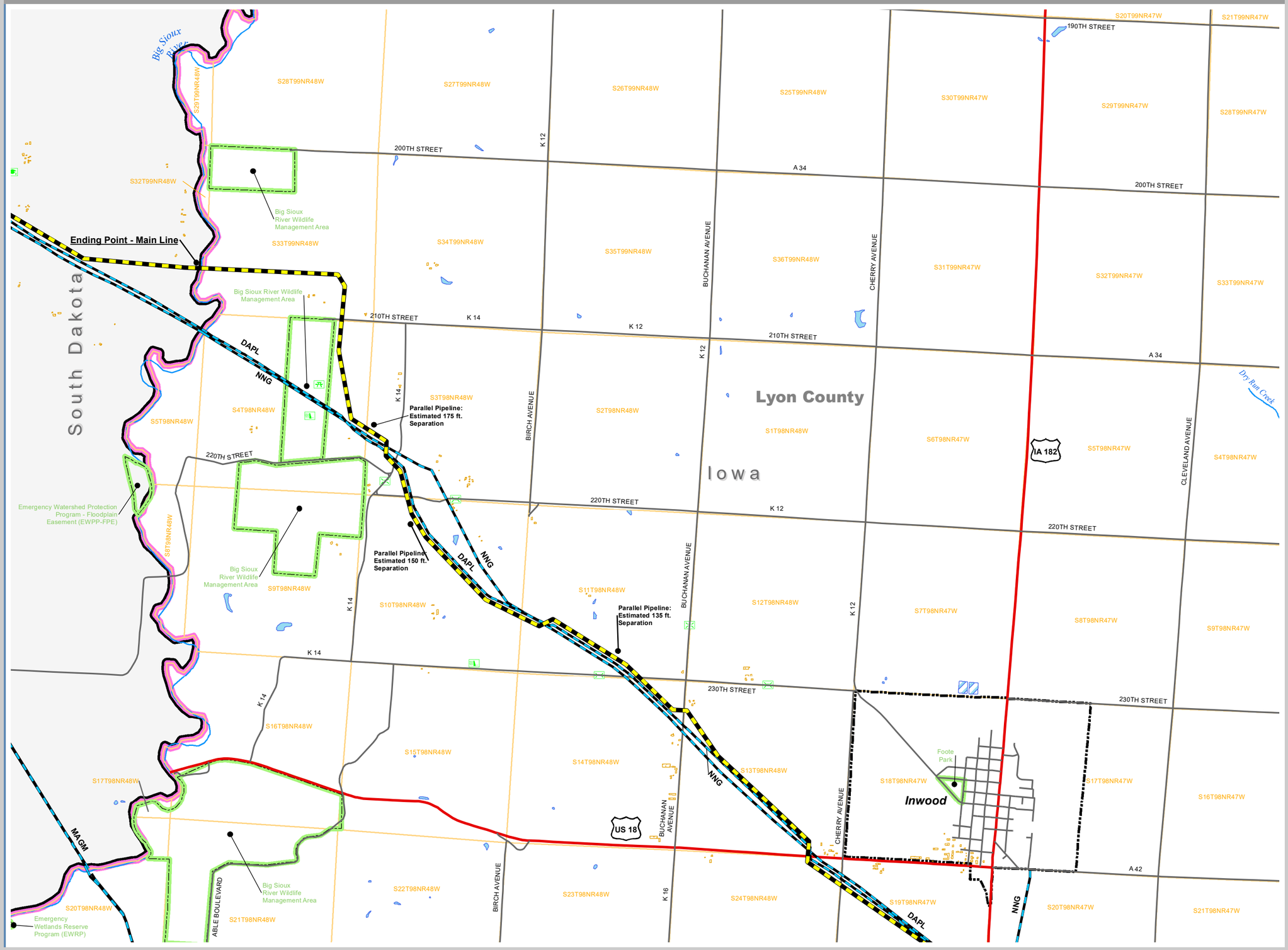
Projection:
Transverse Mercator
North American 1983

Route:
Main Line
Sheet 36 of 116

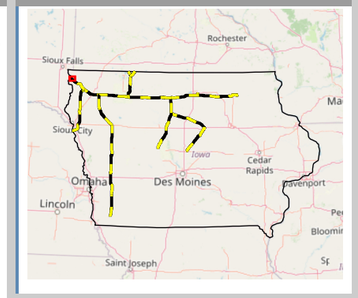
Drawing Number:
1
Current Revision

Filed with the Iowa Utilities Board on January 28, 2022, HLP-2021-0001

SUMMIT CARBON SOLUTIONS LLC - EXHIBIT B - ROUTE MAPS



VICINITY MAP



LEGEND

- Proposed Summit Pipeline
- Other Roadway
- Highway
- Structure Outline
- City Limits
- Conservation and Recreational Lands

Third-party Pipeline

- DAPL - Dakota Access, L.L.C.
- MAGM - Magellan Midstream Partners, L.P.
- NNG - Northern Natural Gas Company

- Public Land Survey System
- Counties
- State Boundary
- Waterway
- Lake/Pond
- Reservoir
- Bridge
- Dam
- Park
- School

REVISIONS

Date:	Revised by:	Checked by:
2022-01-20		

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SUMMIT CARBON SOLUTIONS LLC PROJECT

Figure Title:
Summit - Route Map - Lyon County

Figure Number:
Exhibit B

Scale:
1:36,000
1 inch = 3,000 feet

N

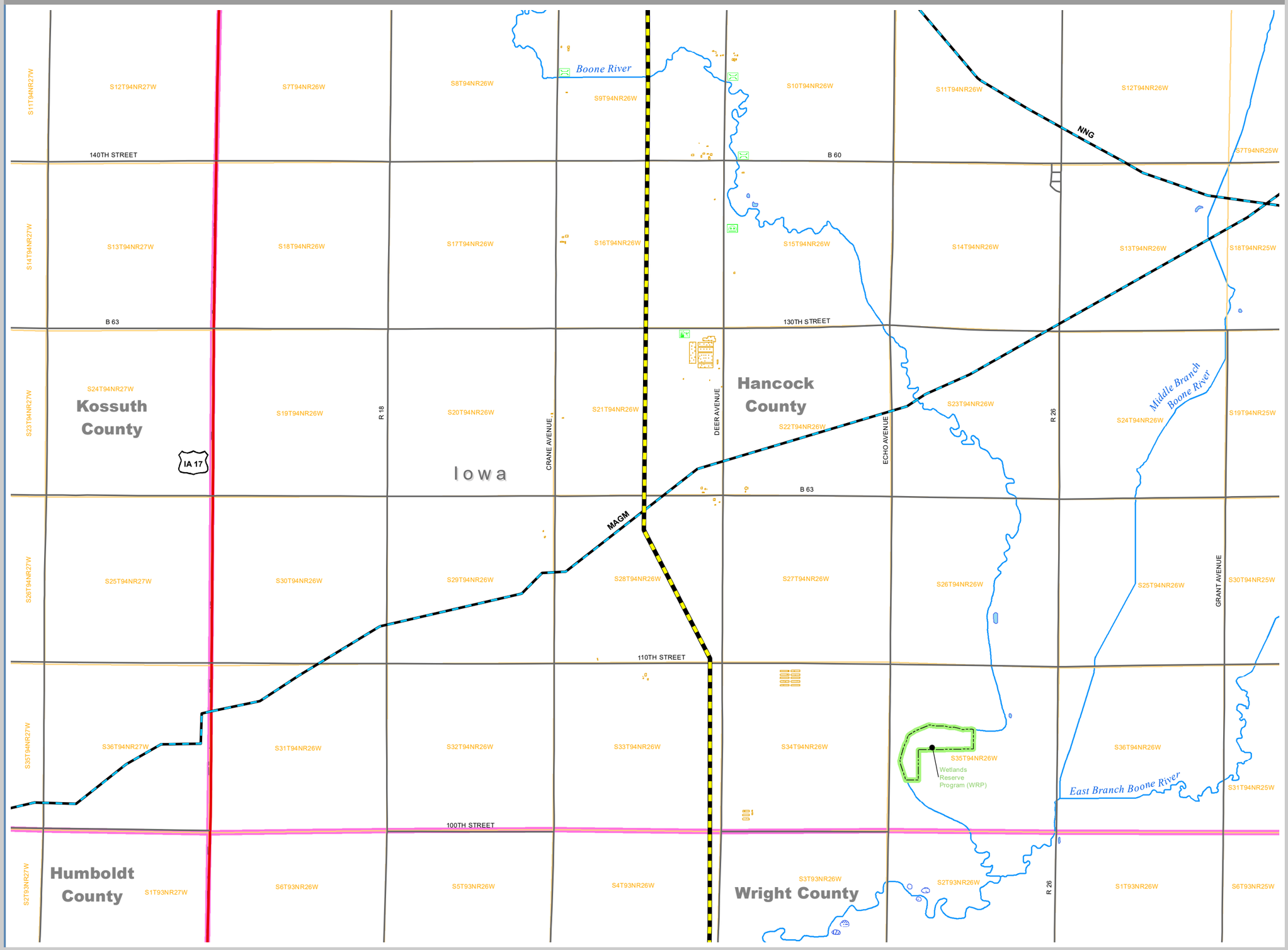
Projection:
Transverse Mercator
North American 1983

Route:
Main Line
Sheet 37 of 116

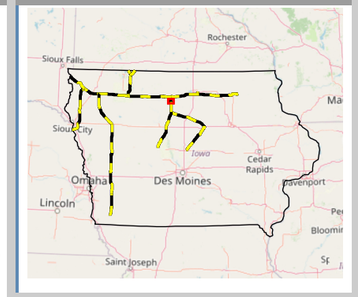
Drawing Number:
1
Current Revision

Filed with the Iowa Utilities Board on January 28, 2022, HLP-2021-0001

SUMMIT CARBON SOLUTIONS LLC - EXHIBIT B - ROUTE MAPS



VICINITY MAP



LEGEND

- Proposed Summit Pipeline
- Other Roadway
- Highway
- Structure Outline
- Conservation and Recreational Lands

Third-party Pipeline

- MAGM - Magellan Midstream Partners, L.P.
- NNG - Northern Natural Gas Company

- Public Land Survey System
- Counties
- Waterway
- Lake/Pond
- Swamp/Marsh
- Bridge
- Cemetery
- Utilities

REVISIONS

Date:	Revised by:	Checked by:
2022-01-20		

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SUMMIT CARBON SOLUTIONS

SUMMIT CARBON SOLUTIONS LLC PROJECT

Figure Title:

Summit - Route Map - Hancock County

Figure Number:

Exhibit B

Scale: 1:36,000
1 inch = 3,000 feet

N

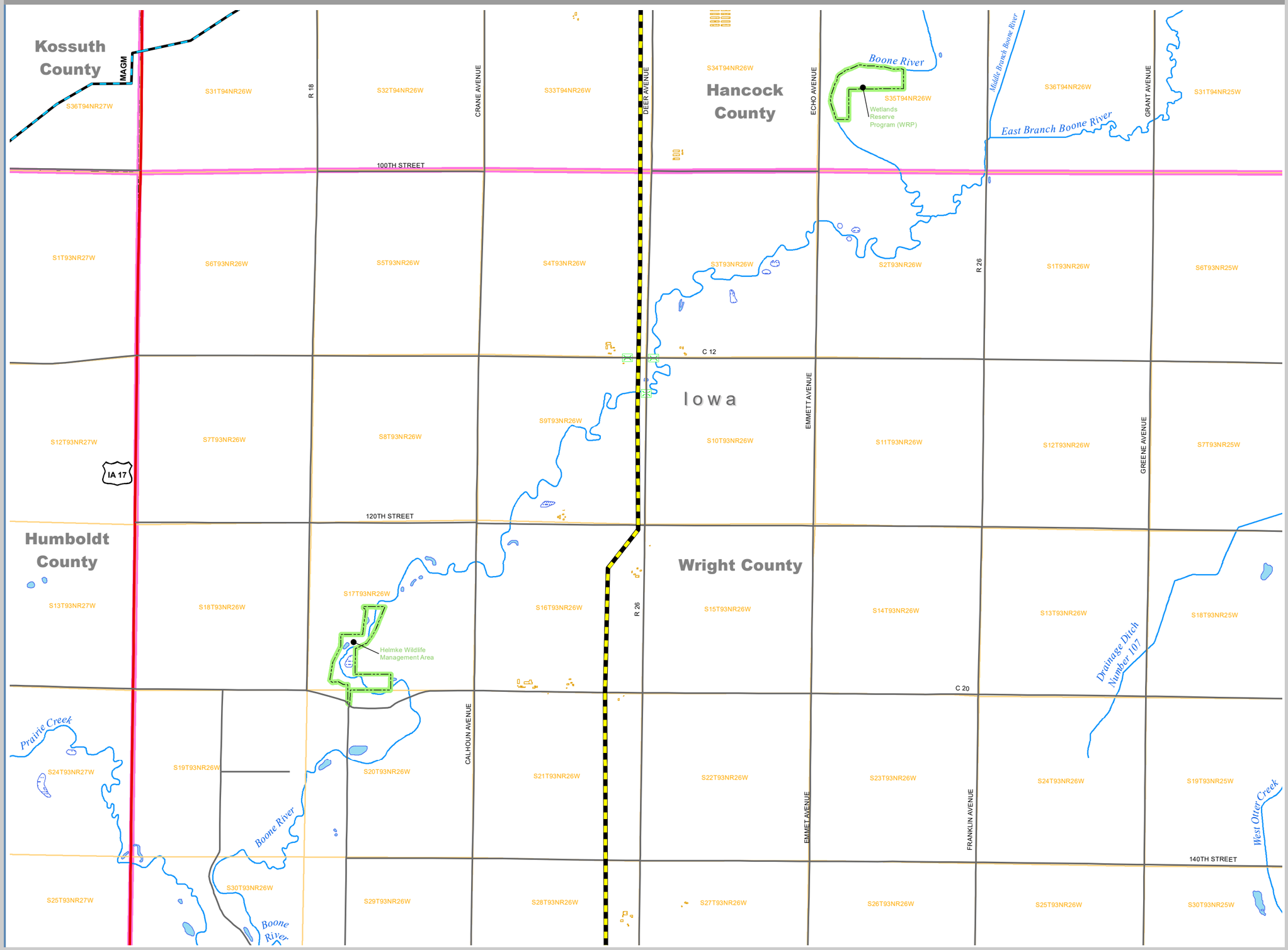
Projection: Transverse Mercator
North American 1983

Route: Trunk Line 2
Sheet 38 of 116

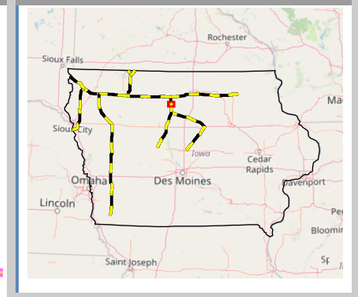
Drawing Number: 1
Current Revision

Filed with the Iowa Utilities Board on January 28, 2022, HLP-2021-0001

SUMMIT CARBON SOLUTIONS LLC - EXHIBIT B - ROUTE MAPS



VICINITY MAP



LEGEND

- Proposed Summit Pipeline
- Other Roadway
- Highway
- Structure Outline
- Conservation and Recreational Lands
- Public Land Survey System
- Counties
- Waterway
- Lake/Pond
- Swamp/Marsh
- Bridge

Third-party Pipeline

- MAGM - Magellan Midstream Partners, L.P.

REVISIONS

Date:	Revised by:	Checked by:
2022-01-20		

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SUMMIT CARBON SOLUTIONS LLC PROJECT

Figure Title:
Summit - Route Map - Wright County

Figure Number:
Exhibit B

Scale:
1:36,000
1 inch = 3,000 feet

N

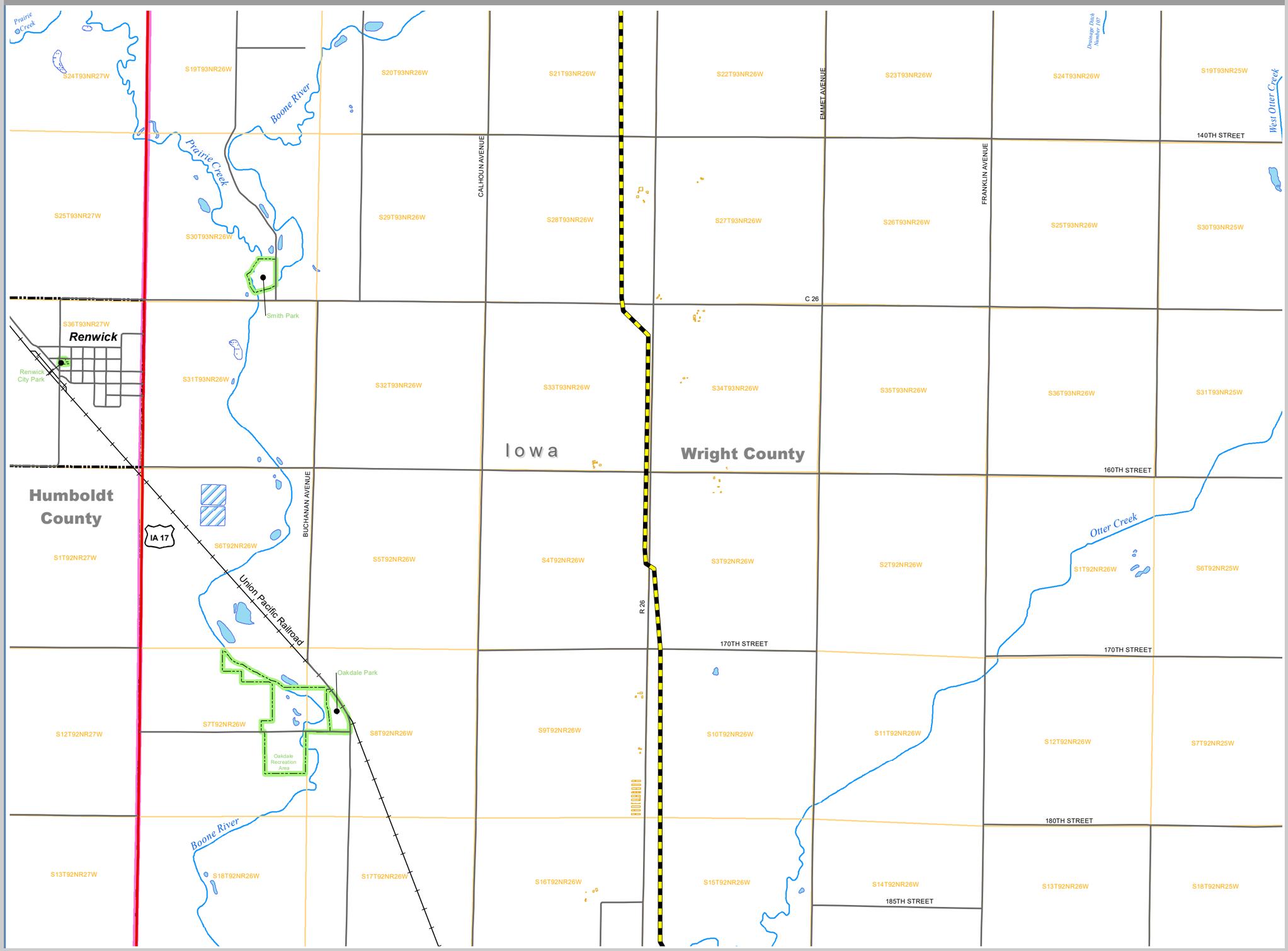
Projection:
Transverse Mercator
North American 1983

Route:
Trunk Line 2
Sheet 39 of 116

Drawing Number:
1
Current Revision

Filed with the Iowa Utilities Board on January 28, 2022, HLP-2021-0001

SUMMIT CARBON SOLUTIONS LLC - EXHIBIT B - ROUTE MAPS



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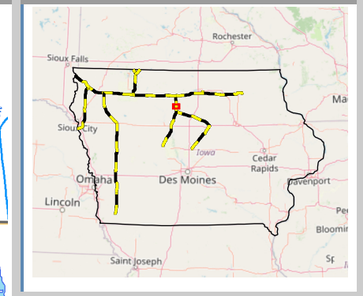

LEGEND

- Proposed Summit Pipeline
- Other Roadway
- Highway
- Railroads
- Structure Outline
- City Limits
- Conservation and Recreational Lands
- Public Land Survey System
- Counties
- Waterway
- Lake/Pond
- Reservoir
- Swamp/Marsh

REVISIONS

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SUMMIT CARBON SOLUTIONS LLC PROJECT

Figure Title:
Summit - Route Map - Wright County

Figure Number:
Exhibit B

Scale:
1:36,000
1 inch = 3,000 feet

N

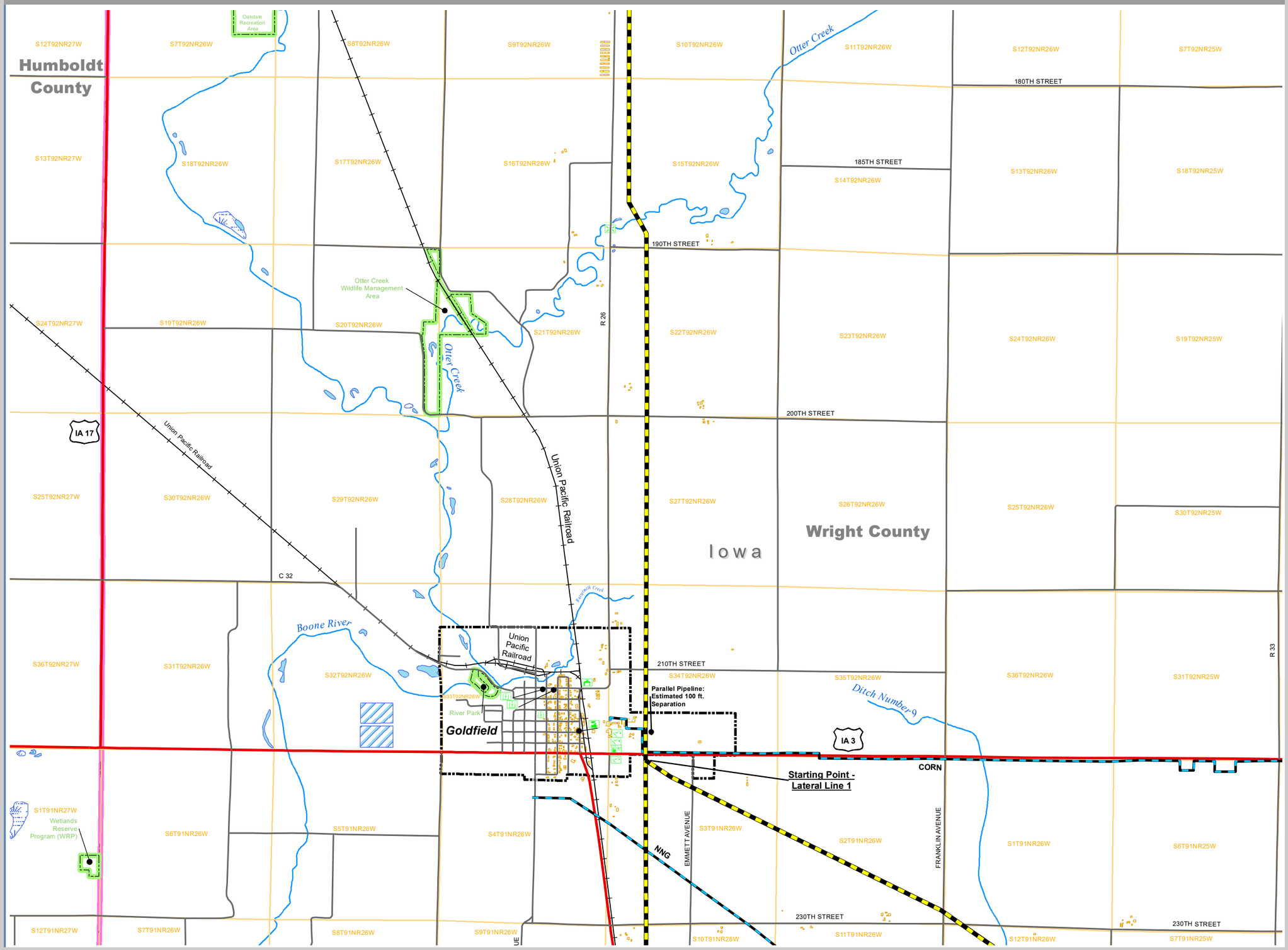
Projection:
Transverse Mercator
North American 1983

Route:
Trunk Line 2
Sheet 40 of 116

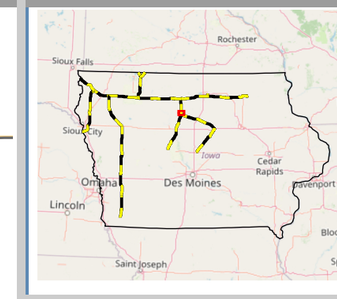
Drawing Number:
1
Current Revision

Filed with the Iowa Utilities Board on January 28, 2022, HLP-2021-0001

SUMMIT CARBON SOLUTIONS LLC - EXHIBIT B - ROUTE MAPS



VICINITY MAP



LEGEND

- Proposed Summit Pipeline
- Other Roadway
- Highway
- Railroads
- Structure Outline
- City Limits
- Conservation and Recreational Lands

Third-party Pipeline

- CORN - Corn, L.P.
- NNG - Northern Natural Gas Company

- Public Land Survey System
- Counties
- Waterway
- Lake/Pond
- Reservoir
- Swamp/Marsh
- Bridge
- Church
- Ethanol/Oil and Gas Facility
- Petro Chemical Facility
- Utilities
- Water System

REVISIONS

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SUMMIT CARBON SOLUTIONS LLC PROJECT

Figure Title:
Summit - Route Map - Wright County

Figure Number:
Exhibit B

Scale:
1:36,000
1 inch = 3,000 feet

N

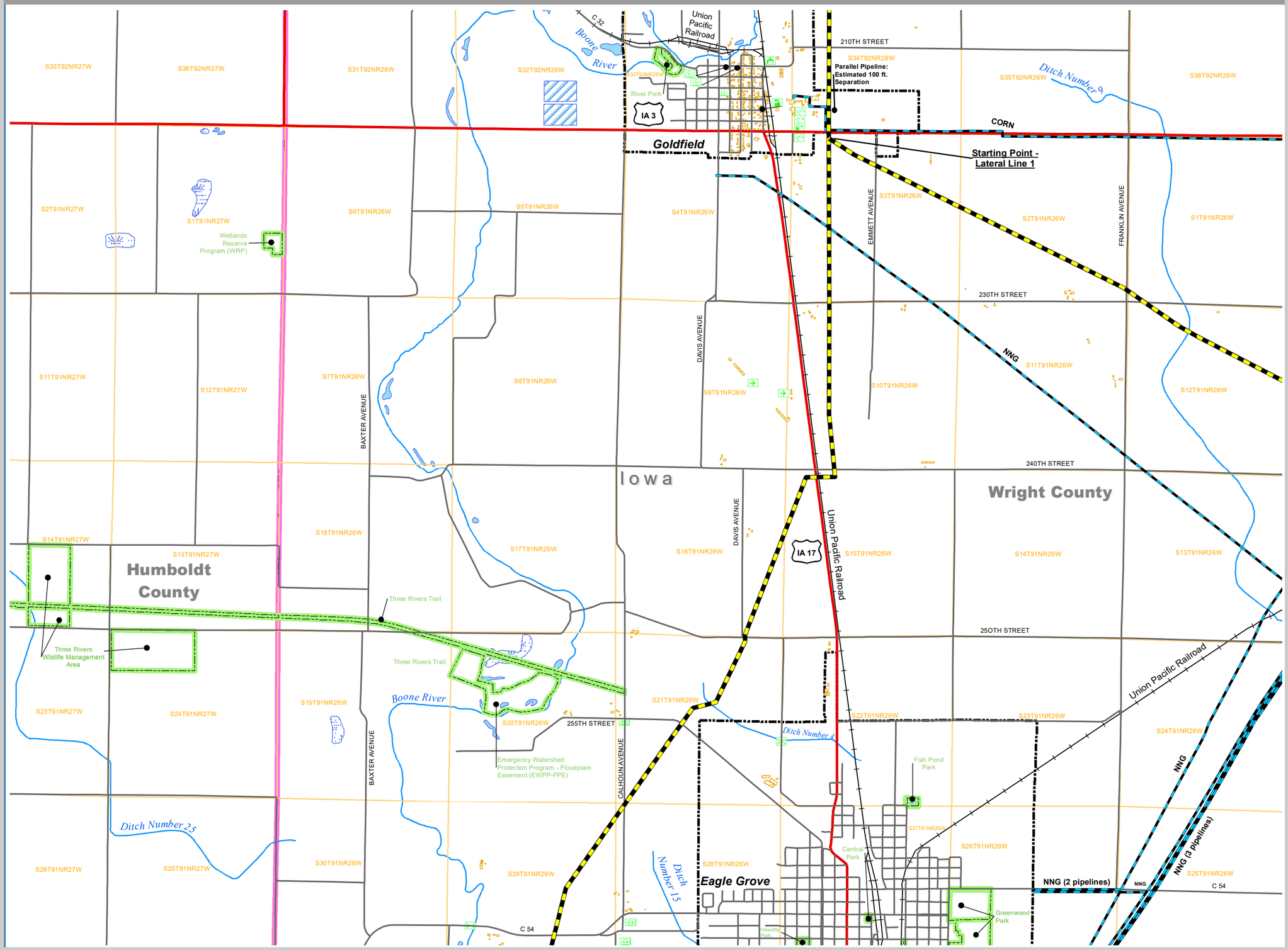
Projection:
Transverse Mercator
North American 1983

Route:
Trunk Line 2/Lateral Line 1
Sheet 41 of 116

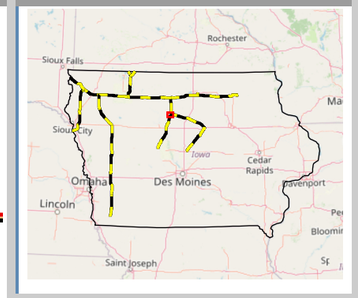
Drawing Number:
1
Current Revision

Filed with the Iowa Utilities Board on January 28, 2022, HLP-2021-0001

SUMMIT CARBON SOLUTIONS LLC - EXHIBIT B - ROUTE MAPS



VICINITY MAP



LEGEND

- Proposed Summit Pipeline
- Other Roadway
- Highway
- Railroads
- Structure Outline
- City Limits
- Conservation and Recreational Lands

Third-party Pipeline

- CORN - Corn, L.P.
- NNG - Northern Natural Gas Company

- Public Land Survey System
- Counties
- Waterway
- Lake/Pond
- Reservoir
- Swamp/Marsh
- Airport
- Bridge
- Cemetery
- Church
- Ethanol/Oil and Gas Facility
- Petro Chemical Facility
- Utilities
- Water System

REVISIONS

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Figure Title:
Summit - Route Map - Wright County

Figure Number:
Exhibit B

Scale:
1:36,000
1 inch = 3,000 feet

N

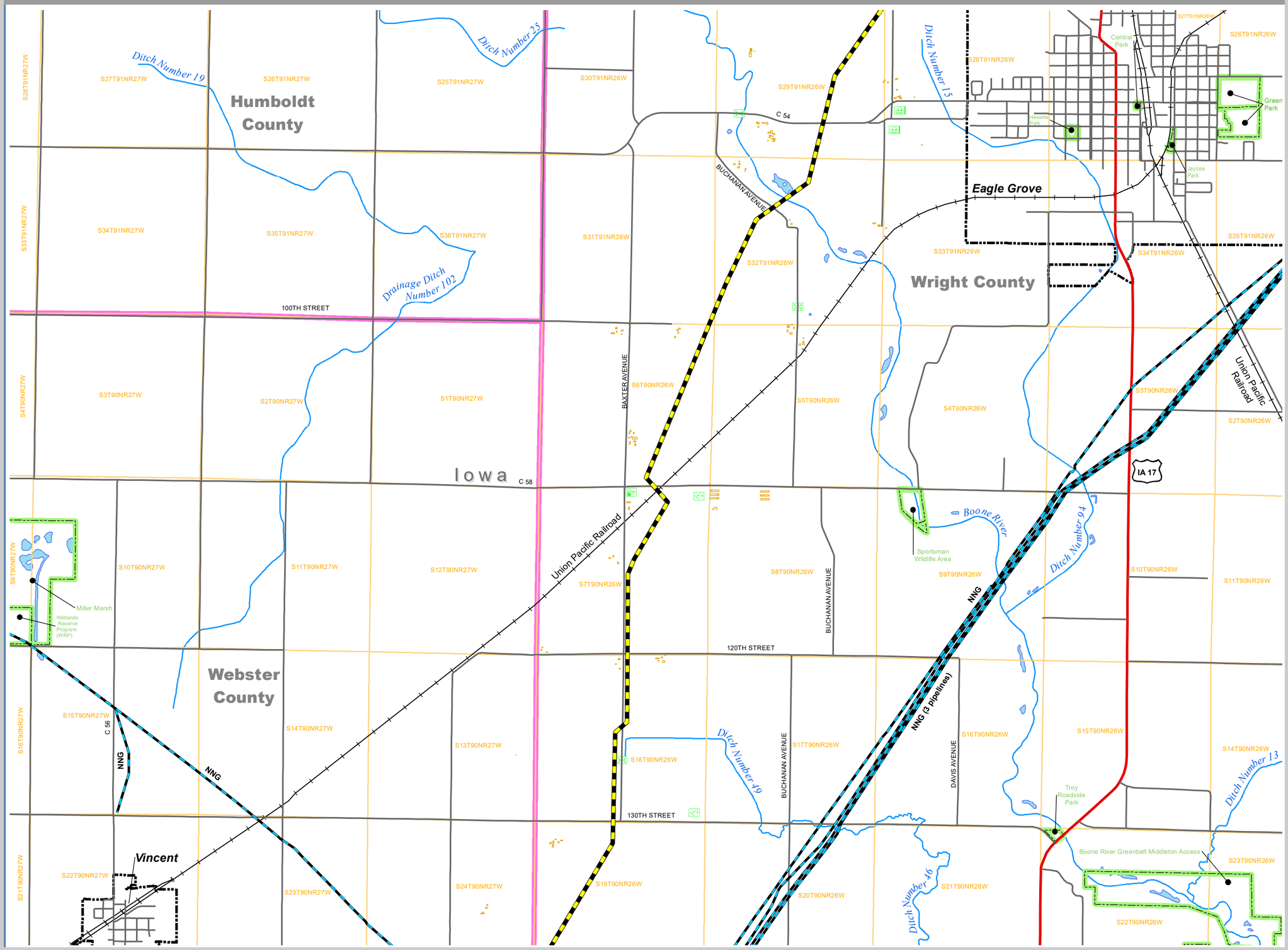
Projection:
Transverse Mercator
North American 1983

Route:
Trunk Line 2
Sheet 42 of 116

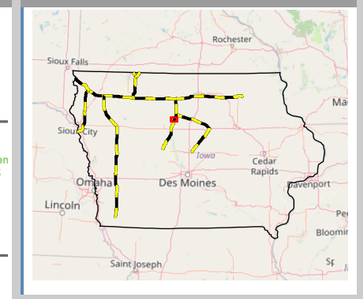
Drawing Number:
1
Current Revision

Filed with the Iowa Utilities Board on January 28, 2022, HLP-2021-0001

SUMMIT CARBON SOLUTIONS LLC - EXHIBIT B - ROUTE MAPS



VICINITY MAP



LEGEND

- Proposed Summit Pipeline
- Other Roadway
- Highway
- Railroads
- Structure Outline
- City Limits
- Conservation and Recreational Lands

Third-party Pipeline

- NNG - Northern Natural Gas Company
- Public Land Survey System
- Counties
- Waterway
- Lake/Pond
- Reservoir
- Bridge
- Cemetery
- Ethanol/Oil and Gas Facility
- Utilities

REVISIONS

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Figure Title:

Summit - Route Map - Wright County

Figure Number:

Exhibit B

Scale: 1:36,000
1 inch = 3,000 feet

N

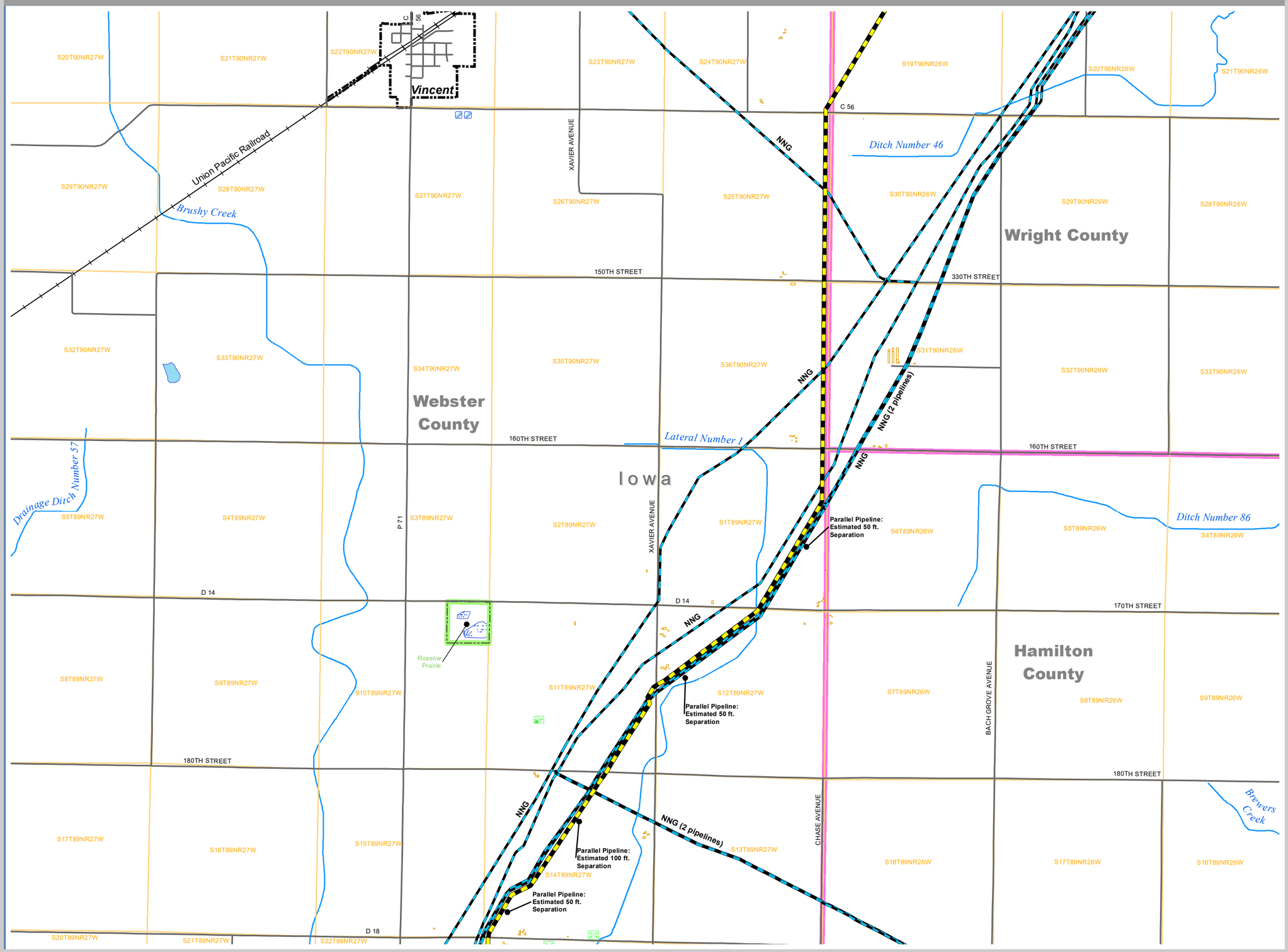
Projection: Transverse Mercator
North American 1983

Route: Trunk Line 2
Sheet 43 of 116

Drawing Number: 1
Current Revision

Filed with the Iowa Utilities Board on January 28, 2022, HLP-2021-0001

SUMMIT CARBON SOLUTIONS LLC - EXHIBIT B - ROUTE MAPS



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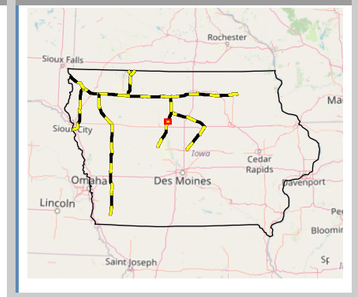

LEGEND

- Proposed Summit Pipeline
- Other Roadway
- Railroads
- Structure Outline
- City Limits
- Conservation and Recreational Lands

Third-party Pipeline

- NNG - Northern Natural Gas Company
- Public Land Survey System
- Counties
- Waterway
- Lake/Pond
- Reservoir
- Swamp/Marsh
- Bridge
- Utilities

REVISIONS

Date:	Revised by:	Checked by:
2022-01-20		

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SUMMIT CARBON SOLUTIONS LLC PROJECT

Figure Title:
Summit - Route Map - Webster County

Figure Number:
Exhibit B

Scale:
1:36,000
1 inch = 3,000 feet

N

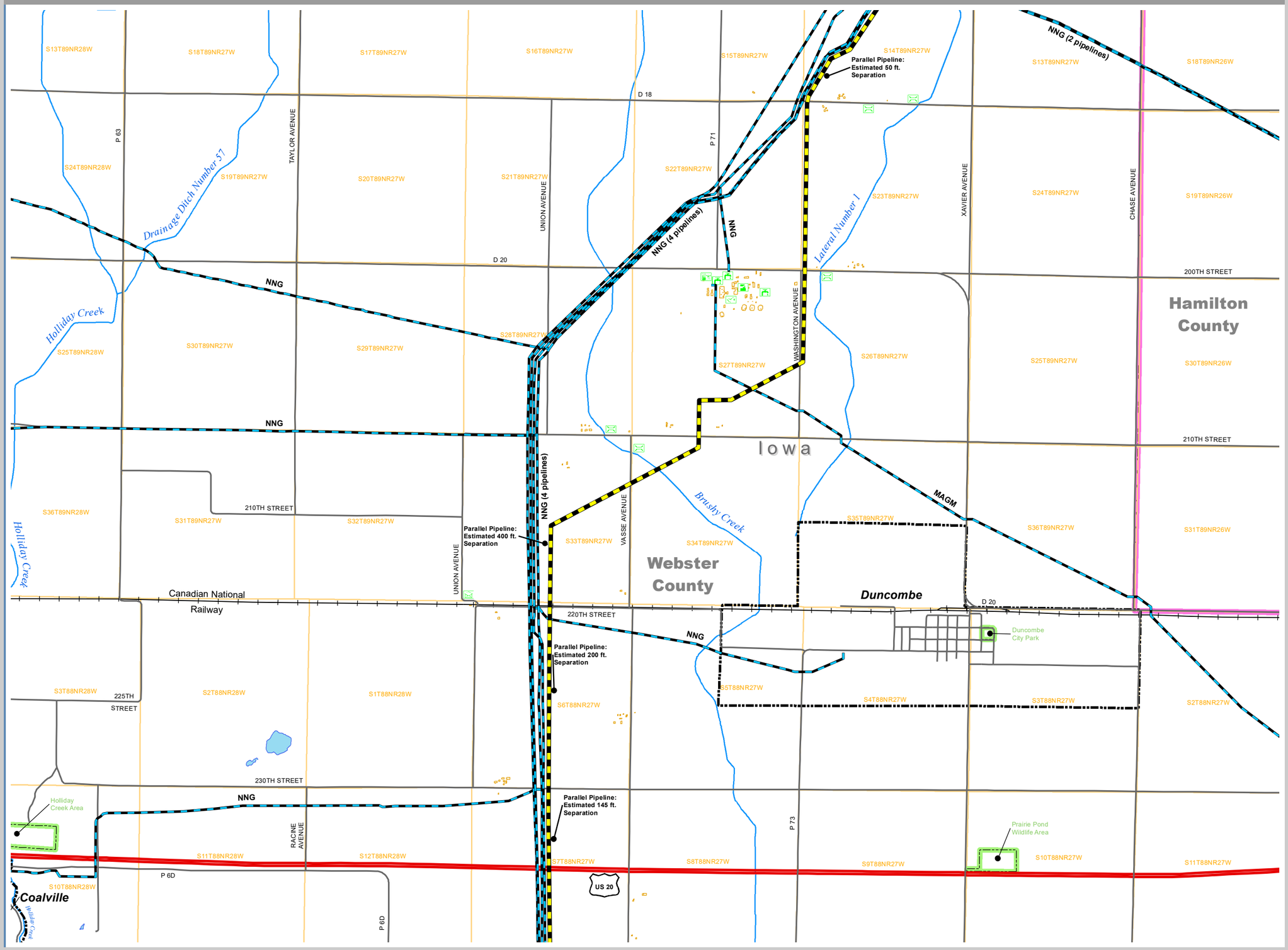
Projection:
Transverse Mercator
North American 1983

Route:
Trunk Line 2
Sheet 44 of 116

Drawing Number:
1
Current Revision

Filed with the Iowa Utilities Board on January 28, 2022, HLP-2021-0001

SUMMIT CARBON SOLUTIONS LLC - EXHIBIT B - ROUTE MAPS



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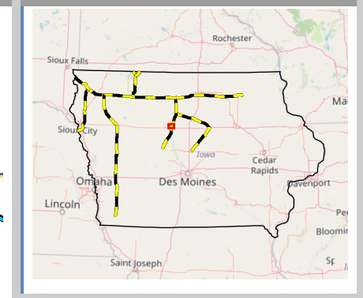

LEGEND

- Proposed Summit Pipeline
- Other Roadway
- Highway
- Railroads
- Structure Outline
- City Limits
- Conservation and Recreational Lands

Third-party Pipeline

- MAGM - Magellan Midstream Partners, L.P.
- NNG - Northern Natural Gas Company

- Public Land Survey System
- Counties
- Waterway
- Lake/Pond
- Bridge
- Ethanol/Oil and Gas Facility
- Petro Chemical Facility
- Post Office
- Utilities
- Water System

REVISIONS

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SUMMIT CARBON SOLUTIONS LLC PROJECT

Figure Title:
Summit - Route Map - Webster County

Figure Number:
Exhibit B

Scale:
1:36,000
1 inch = 3,000 feet

N

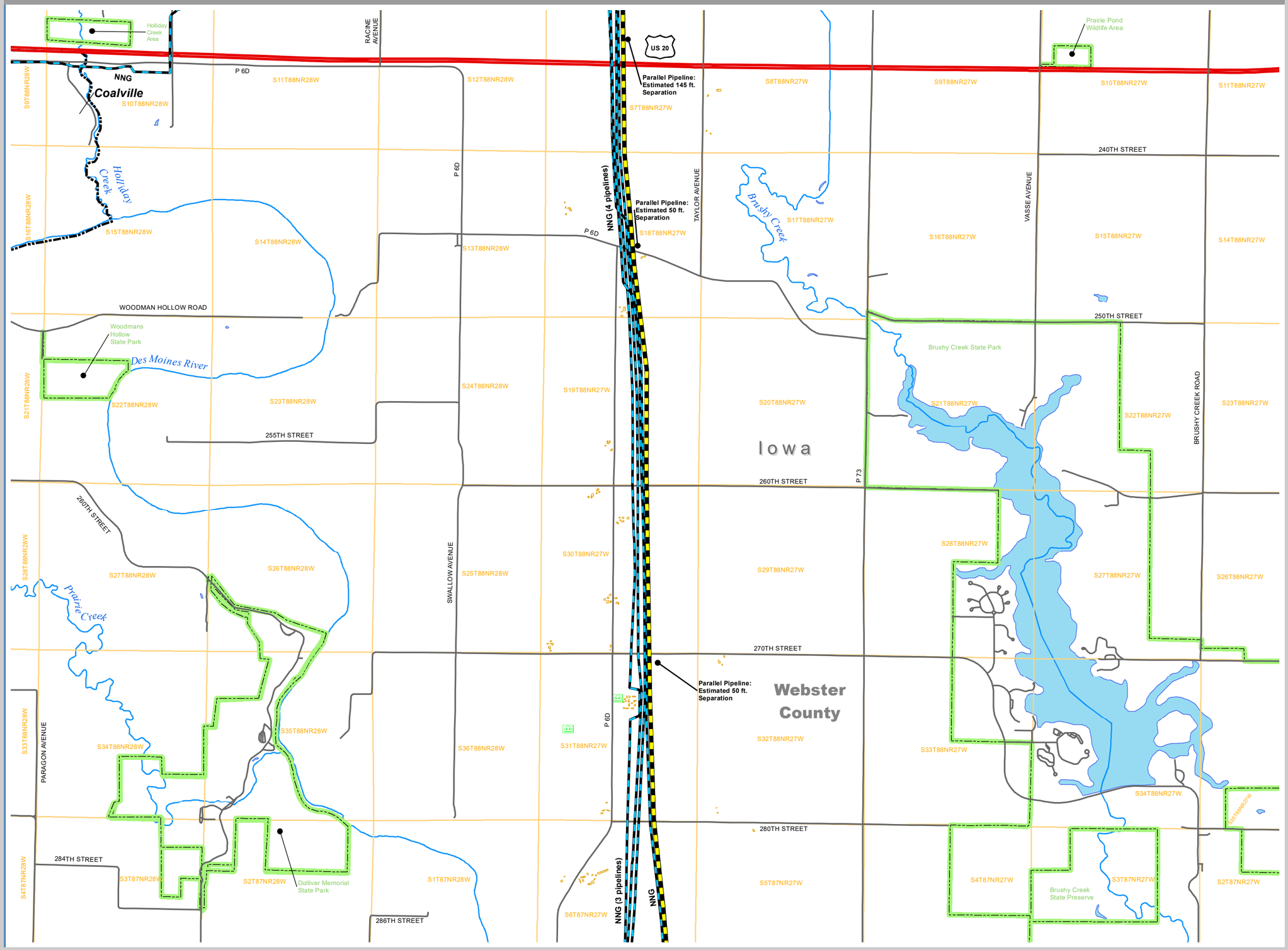
Projection:
Transverse Mercator
North American 1983

Route:
Trunk Line 2
Sheet 45 of 116

Drawing Number:
1
Current Revision

Filed with the Iowa Utilities Board on January 28, 2022, HLP-2021-0001

SUMMIT CARBON SOLUTIONS LLC - EXHIBIT B - ROUTE MAPS



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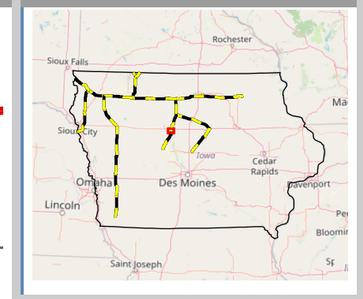

LEGEND

- Proposed Summit Pipeline
- Other Roadway
- Highway
- Structure Outline
- City Limits
- Conservation and Recreational Lands
- Public Land Survey System
- Counties
- Waterway
- Lake/Pond
- Cemetery

Third-party Pipeline

- NNG - Northern Natural Gas Company

REVISIONS

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SUMMIT CARBON SOLUTIONS LLC PROJECT

Figure Title:

Summit - Route Map - Webster County

Figure Number:

Exhibit B

Scale: 1:36,000
1 inch = 3,000 feet

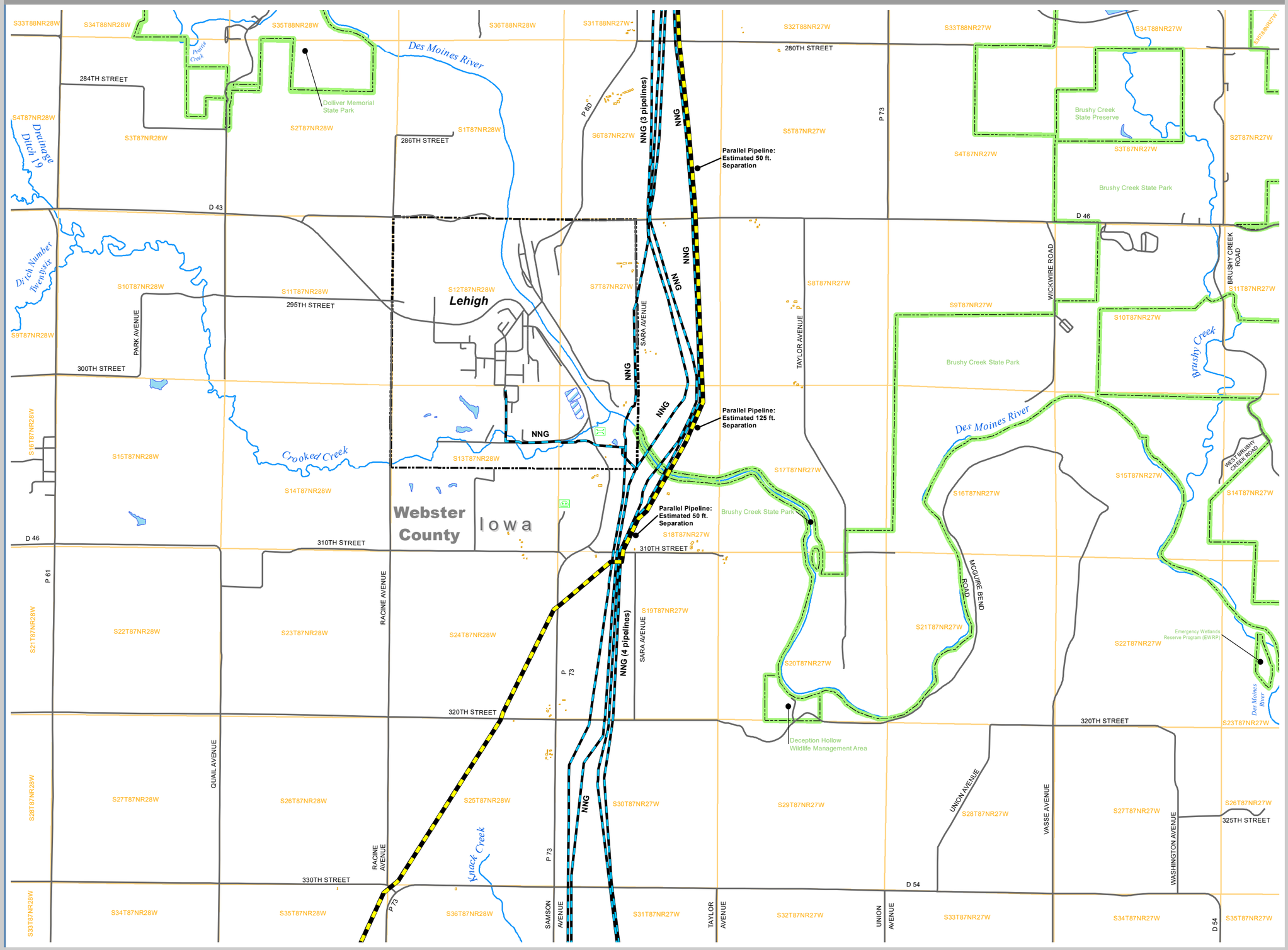
Projection: Transverse Mercator
North American 1983

Route: Trunk Line 2
Sheet 46 of 116

Drawing Number: 1
Current Revision

Filed with the Iowa Utilities Board on January 28, 2022, HLP-2021-0001

SUMMIT CARBON SOLUTIONS LLC - EXHIBIT B - ROUTE MAPS



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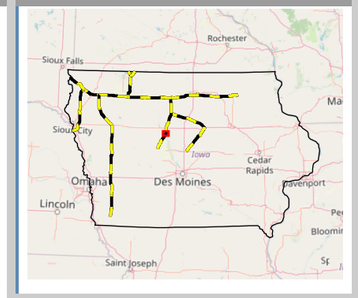

LEGEND

- Proposed Summit Pipeline
- Other Roadway
- Structure Outline
- City Limits
- Conservation and Recreational Lands
- **Third-party Pipeline**
- NNG - Northern Natural Gas Company
- Public Land Survey System
- Counties
- Waterway
- Lake/Pond
- Reservoir
- Bridge
- Cemetery

REVISIONS

Date:	Revised by:	Checked by:
2022-01-20		

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SUMMIT CARBON SOLUTIONS

SUMMIT CARBON SOLUTIONS LLC PROJECT

Figure Title:
Summit - Route Map - Webster County

Figure Number:
Exhibit B

Scale:
1:36,000
1 inch = 3,000 feet

N

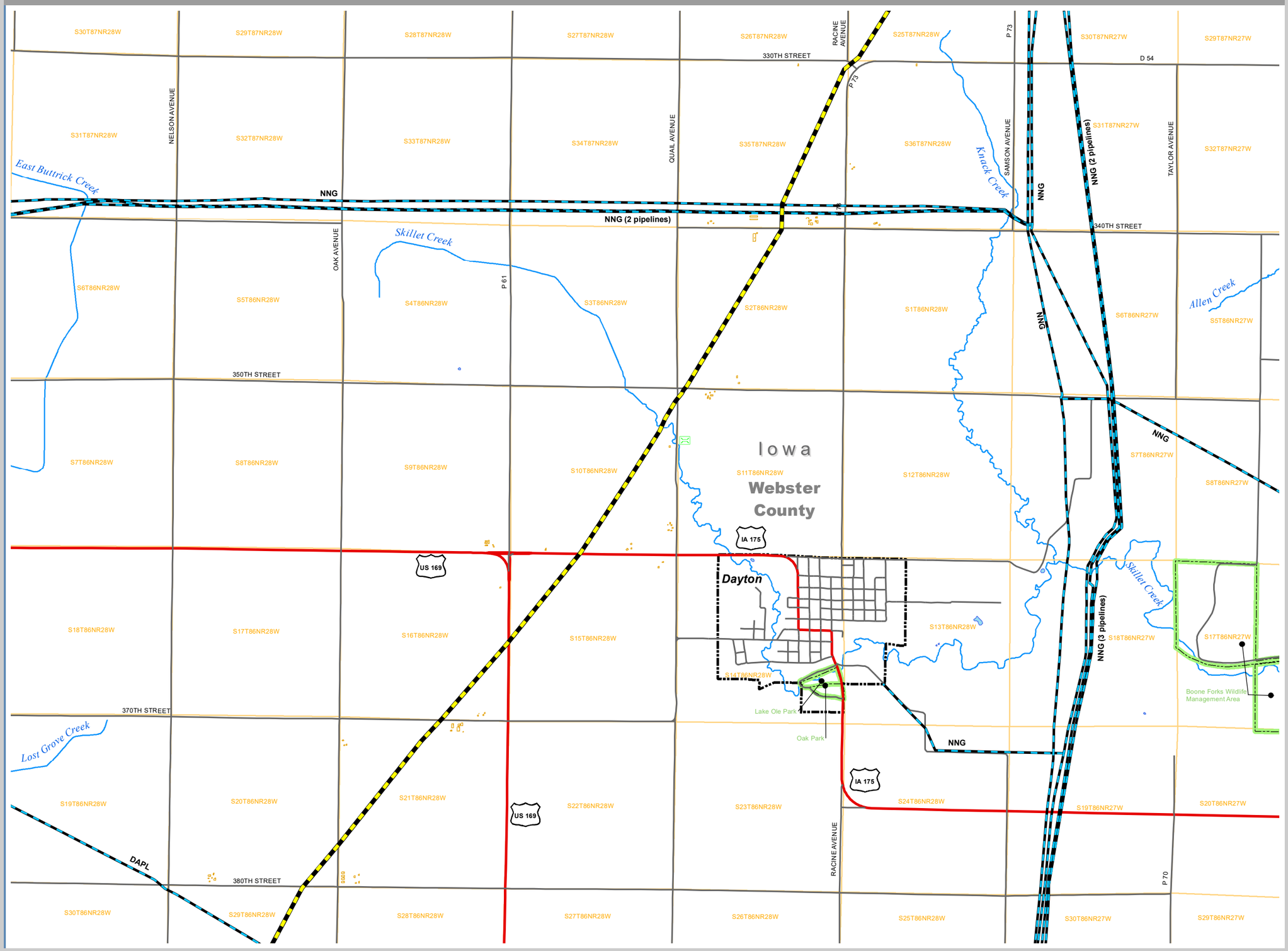
Projection:
Transverse Mercator
North American 1983

Route:
Trunk Line 2
Sheet 47 of 116

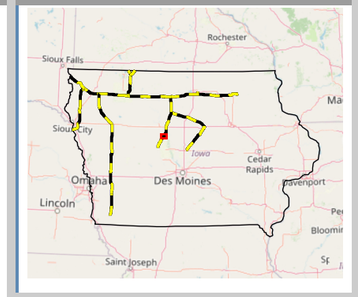
Drawing Number:
1
Current Revision

Filed with the Iowa Utilities Board on January 28, 2022, HLP-2021-0001

SUMMIT CARBON SOLUTIONS LLC - EXHIBIT B - ROUTE MAPS



VICINITY MAP



LEGEND

- Proposed Summit Pipeline
- Other Roadway
- Highway
- Structure Outline
- City Limits
- Conservation and Recreational Lands
- Public Land Survey System
- Counties
- Waterway
- Lake/Pond
- Reservoir
- Bridge

Third-party Pipeline

- DAPL - Dakota Access, L.L.C.
- NNG - Northern Natural Gas Company

REVISIONS

Date:	Revised by:	Checked by:
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SUMMIT CARBON SOLUTIONS

SUMMIT CARBON SOLUTIONS LLC PROJECT

Figure Title:
Summit - Route Map - Webster County

Figure Number:
Exhibit B

Scale:
1:36,000
1 inch = 3,000 feet

N

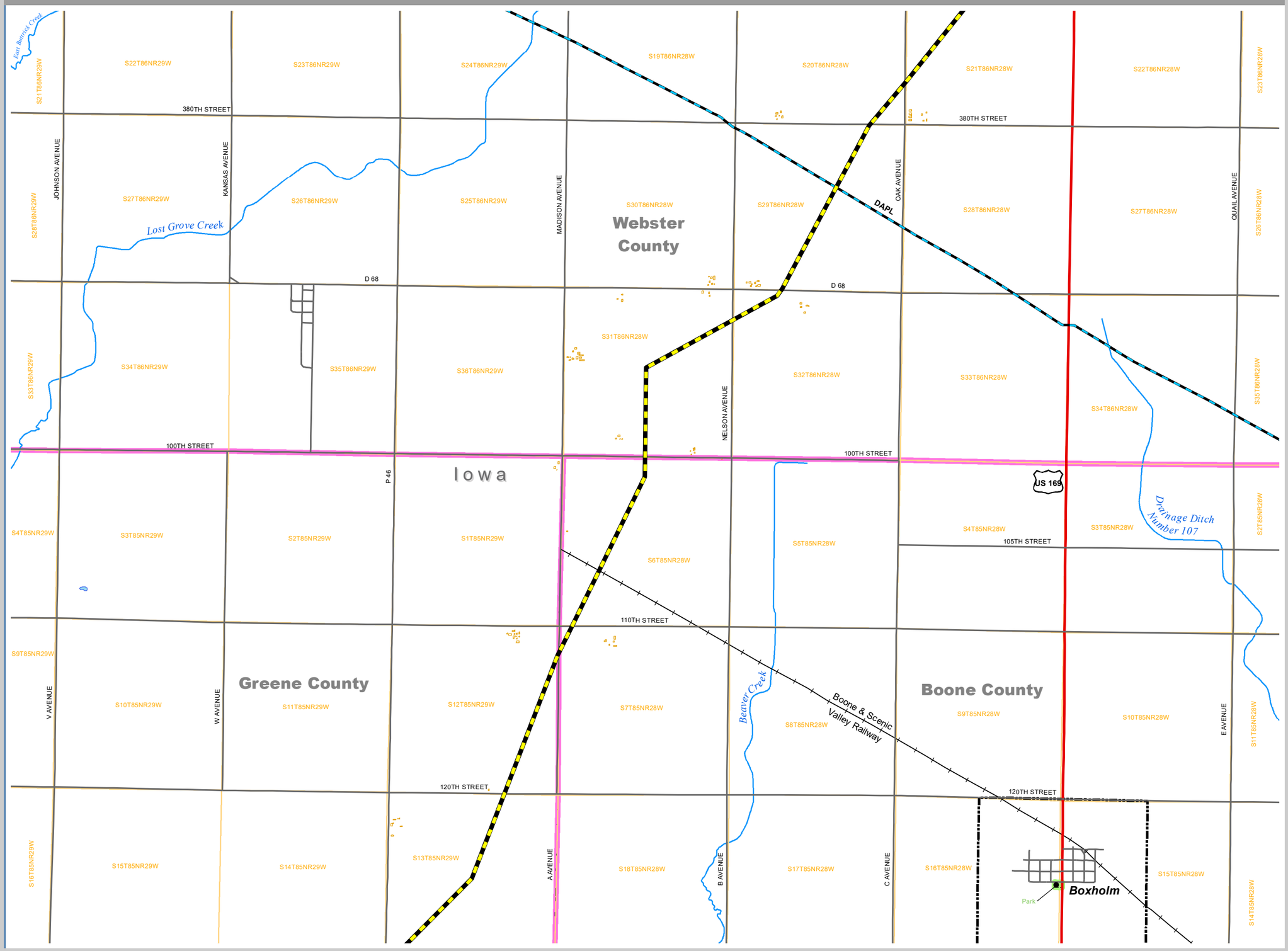
Projection:
Transverse Mercator
North American 1983

Route:
Trunk Line 2
Sheet 48 of 116

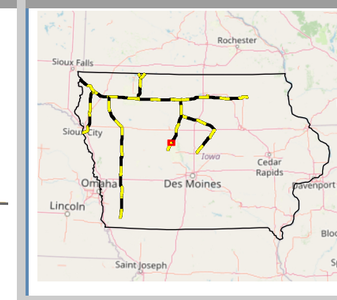
Drawing Number:
1
Current Revision

Filed with the Iowa Utilities Board on January 28, 2022, HLP-2021-0001

SUMMIT CARBON SOLUTIONS LLC - EXHIBIT B - ROUTE MAPS



VICINITY MAP



LEGEND

- Proposed Summit Pipeline
- Other Roadway
- Highway
- Railroads
- Structure Outline
- City Limits
- Conservation and Recreational Lands
- Public Land Survey System
- Counties
- Waterway
- Lake/Pond

Third-party Pipeline

- DAPL - Dakota Access, L.L.C.

REVISIONS

Date:	Revised by:	Checked by:
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SUMMIT CARBON SOLUTIONS

SUMMIT CARBON SOLUTIONS LLC PROJECT

Figure Title:
Summit - Route Map - Boone County

Figure Number:
Exhibit B

Scale:
1:36,000
1 inch = 3,000 feet

N

Projection:
Transverse Mercator
North American 1983

Route:
Trunk Line 2
Sheet 49 of 116

Drawing Number:
1
Current Revision

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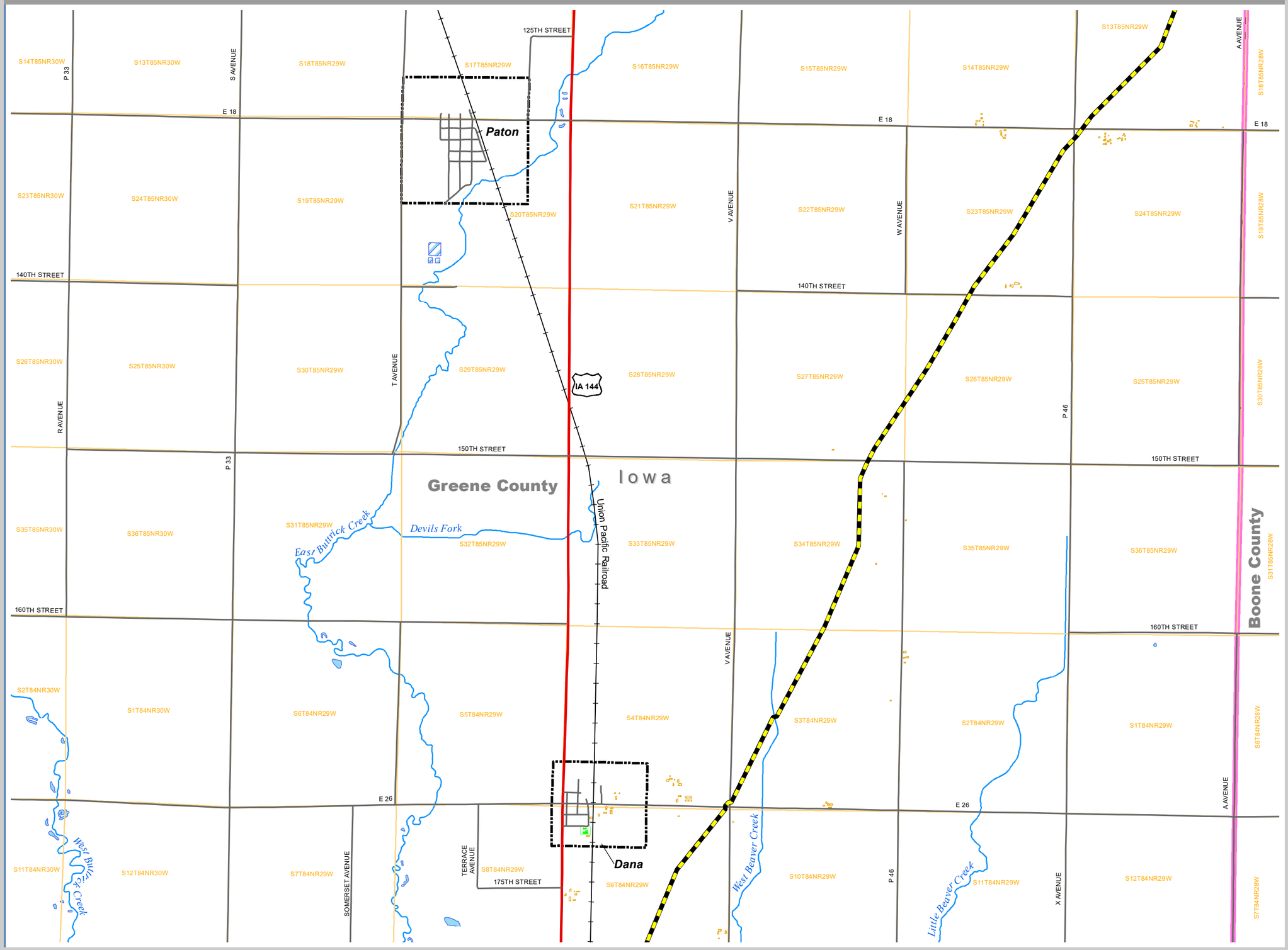
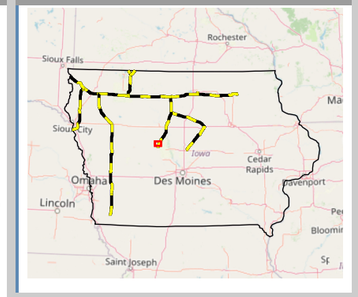
SUMMIT CARBON SOLUTIONS LLC - EXHIBIT B - ROUTE MAPS



VICINITY MAP



LEGEND

- Proposed Summit Pipeline
- Other Roadway
- Highway
- Railroads
- Structure Outline
- City Limits
- Public Land Survey System
- Counties
- Waterway
- Lake/Pond
- Reservoir
- Petro Chemical Facility

REVISIONS

Date:	Revised by:	Checked by:
2022-01-20		

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SUMMIT CARBON SOLUTIONS

SUMMIT CARBON SOLUTIONS LLC PROJECT

Figure Title:
Summit - Route Map - Greene County

Figure Number:
Exhibit B

Scale:
1:36,000
1 inch = 3,000 feet

Projection:
Transverse Mercator
North American 1983

Route:
Trunk Line 2
Sheet 50 of 116

Drawing Number:
1
Current Revision