



Department of Transportation

Office of Local Government Assistance

700 E Broadway Avenue

Pierre, South Dakota 57501-2586

Phone: 605.773.2995

Web site: www.sddot.com

October 12, 2023

County Commission
Lincoln County

RE: Approval of 2024 to 2028 Five-Year County Highway and Bridge Improvement Plan

I am pleased to inform you that your Five-Year County Highway and Bridge Improvement Plan is complete as submitted and is officially approved. A copy of the signed and dated Certification Form is attached for your records. Applications for the Bridge Improvement Grant Program can now be submitted for structures as listed in your approved Plan.

If you have any questions, please call me at 773-5243.

Sincerely,

A handwritten signature in blue ink, appearing to read "Colton Stahl". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Colton Stahl
Local Government Assistance

Attachment
cc: County Highway Superintendent
File



LINCOLN
COUNTY

2024–2028


Highway & Bridge Improvement Plan

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CERTIFICATION FORM

Certification: As approved this 3 day of October, 2023
Lincoln County Commission

By,  _____
County Commission Chairperson

Attest, Cristen Stodley Deputy Auditor _____
Lincoln County Auditor

County Contact Person: Terry Fluit, Highway Superintendent _____

Phone Number: (605) 764-5841 _____

Email Address: tfluit@lincolncountysd.org _____

Received by SDDOT on 10/10/2023 _____

Approved by SDDOT on 10/12/2023 _____

PURPOSE

The purpose of the Five-Year County Highway and Bridge Improvement Plan, or *Transportation Plan*, is to help Lincoln County plan projects and budgets for roads and bridges. As transportation projects are generated from multiple sources including public needs and concerns, this plan is designed to provide a brief, basic understanding of what is required to maintain Lincoln County roads and bridges.

When it is time to identify and prioritize which road and bridge projects need to be addressed for public safety, the County Superintendent references data provided by the SDDOT, engineers, and the current condition of the road or bridge. The data briefly discussed in this *Transportation Plan* are functional road classifications, daily traffic volumes, and bridge inspections.

Often collected 1–4 years prior to a project's anticipated completion date, this data allows the County Superintendent to seek revenue sources, such as state and federal grants, to help fund project costs.

ABOUT THE BRIDGE IMPROVEMENT GRANT (BIG)

In 2015, the State of South Dakota established the local Bridge Improvement Grant fund by SDCL 32- 11-38. To be eligible for the funding, the county must have imposed a wheel tax and have an adopted transportation plan in accordance with the rules promulgated by the Transportation Commission and Administrative Rule, Article 70:12.

County Commission certification adopting the plan and a copy of the plan must be submitted to the South Dakota Department of Transportation (SDDOT) for approval by October 15 each year. The *Transportation Plan* must be updated and submitted to the SDDOT annually to maintain eligibility for the bridge grant funding.

Projects from the prior year that have been completed or are no longer necessary are removed from the plan and replaced with other projects.

ROAD & BRIDGES

COUNTY ROADS

Lincoln County maintains 280.75 miles of asphalt roads, forty-four miles of gravel roads, and over 2,000 culverts. The County does not maintain roads or culverts for municipalities, townships, I-29 (including ramps), SD HWY 115, SD HWY 11, SD HWY 44, SD HWY 46, US HWY 18, or road districts located within the county.

Engineering and preventative maintenance for asphalt roads, such as Microsurfacing, Microsealing, Paving, Overlay, and Resealing are contracted as the County does not have the equipment or trained staff to complete. County staff provide the maintenance that occurs in-between the improvements, such as crack-sealing and patching.

As a courtesy to residents who live on County gravel roads, the County contracts with a vendor to apply a dust control solution to gravel roads once per year in May. Maintenance activities performed by county staff include tasks such as blading and spot graveling.

Roads maintained by the County are in [Appendix A](#). Federal Aid Eligibility for each road/road segment has also been included. Certain criteria, such as functional class must be met for a road to be eligible for federal aid. If a road is eligible for federal aid, the County can apply for grants to maintain the road and be eligible to receive funds for the road during times of disaster.

AVERAGE DAILY TRAFFIC (ADT)

The *Average Daily Traffic (ADT) Map* in [Appendix B](#) shows the average values of daily traffic on roads in Lincoln County. These values help analyze and forecast traffic volumes for planning and design of infrastructure, economic development, road safety, maintenance, repair, and budgetary needs. Lincoln County collects ADT using satellite traffic counters.

FUNCTIONAL CLASSIFICATION OF ROADS

The *Functional Classification of Roads Map* in [Appendix C](#) shows how urban and rural roads are classified based on the service the road provides to the public in Lincoln County. Each road class has its own design standards (lane width, shoulder width curve, etc.), and needs for safety, maintenance, and repair. A brief description of the four road functions is below.

1. The *Interstate System* provides the highest level of mobility and highest speeds over long uninterrupted distance.
2. *Arterial Roads* have a high mobility and speed over long, uninterrupted distance. These roads consist of freeways and multi-lane roadways that support the *Interstate System*.
3. *Local Roads* have limited mobility and are the primary access roads to homes, farms, businesses, parks, and other local areas.
4. *Collector Roads* connect *local roads* to *arterial roads*. These roads have lower speeds over a shorter distance and less mobility than arterial roads.

COUNTY BRIDGES

Lincoln County maintains 63 bridges on county roads, 96 bridges on township roads, and splits the maintenance of one bridge with Lyon County, Iowa, and two bridges with Sioux County, Iowa. The majority of bridges are located south of US HWY 18 and used by rural residents. The County does not maintain small structures for municipalities, townships, SD HWY 115, SD HWY 11, SD HWY 44, SD HWY 46, US HWY 18, road districts, and bridges going over I-29.

Bridge maintenance activities completed by County staff are infrequent but completed when needed. Activities over the years include repainting guardrails and repairing jacket columns, wingwalls, fixing abutments, and repainting guardrails.

SUFFICIENCY RATING

Engineers who are familiar with the National Bridge Inspection Standards (NBI) and Federal Highway Administration (FHWA) are contracted by the County to inspect and assess the structural integrity of *all* bridges in Lincoln County. The data acquired from the inspections is used to determine a *Sufficiency Rating* for the bridge that determines the sufficiency of the bridge to remain in service. This data is provided to the County Highway Superintendent who uses the data provided in [Appendix D](#), to identify and prioritize bridges that need repair, replacement, or removal, and help determine load limits.

LOAD LIMITS

The “load limit” is the maximum recommended or permitted weight of a vehicle determined by combining the weight of the equipment with the weight of any cargo. Most County bridges can accommodate legal load limits (i.e., 20,000lbs per single axles; 34,000lbs for tandem axles; and 42,000lbs for tridem axles). Bridges that cannot withstand legal load limits have posted weight limits as shown in [Appendix E](#).

Any carrier, business, or individual whose vehicle/equipment and/or cargo exceed the legal load limit is required to complete an Overweight Permit with the County Highway Department. Oversize Permits are also required; unlike the Overweight Permit, there is an exception for Farm Machinery width and height during daylight hours. The County began charging for the permits in 2022 in attempt to generate additional revenue for bridge (and road) maintenance.

PROGRAMMED ROAD AND BRIDGE PROJECTS

Proposed road and bridge projects identified by the County Highway Superintendent are listed in [Appendix F](#) and maps showing the location is in [Appendix G](#). While these projects have been approved by the Lincoln County Commission, the projects on this plan are subject to change as different priorities arise and/or the availability of funding. The status of previous years road and bridge project status is available in [Appendix H](#).

PUBLIC INVOLVEMENT

Public participation is important and encouraged. Township Board members and the public are invited to attend a public meeting and comment upon the programmed list of road and bridge projects. The notice for the meeting is published in County-designated newspapers and letters are mailed to Township Board members. A copy of the public meeting notice and comments from the meeting are available in [Appendix I](#).

AVAILABLE REVENUE

Completion of road and bridge projects (and maintenance) is dependent upon revenue from local (county), state and federal sources. Revenue available for road and bridge projects is shown below in *Table 1. Projected Revenue Sources*.

Local Funds consist of the taxes levied portion of the revenue estimates and includes property tax, motor vehicle licenses, wheel tax, etc. Local funds also include the annual Surface Transportation Block Grant Program (STBGP) payout funds.

State Funds are any revenues from the state for highway purposes, such as Bridge Improvement Grants (BIG), Agri-Business Grants, Pavement Marking projects, and State Match on SIB loans, and STBGP projects.

Federal Funds are available through various programs included in Federal transportation legislation. The South Dakota Department of Transportation administers most of these programs. Programs include Emergency Relief (ER), Federal Emergency Management Agency (FEMA), Surface Transportation Block Grant Program Funds (STBGP), Highway Impact Program (HIP) Funds for Bridges, Transportation Alternative Program (TAP), Safety funds, and County-Wide Signing Projects.

Table 1 Projected Revenue Sources

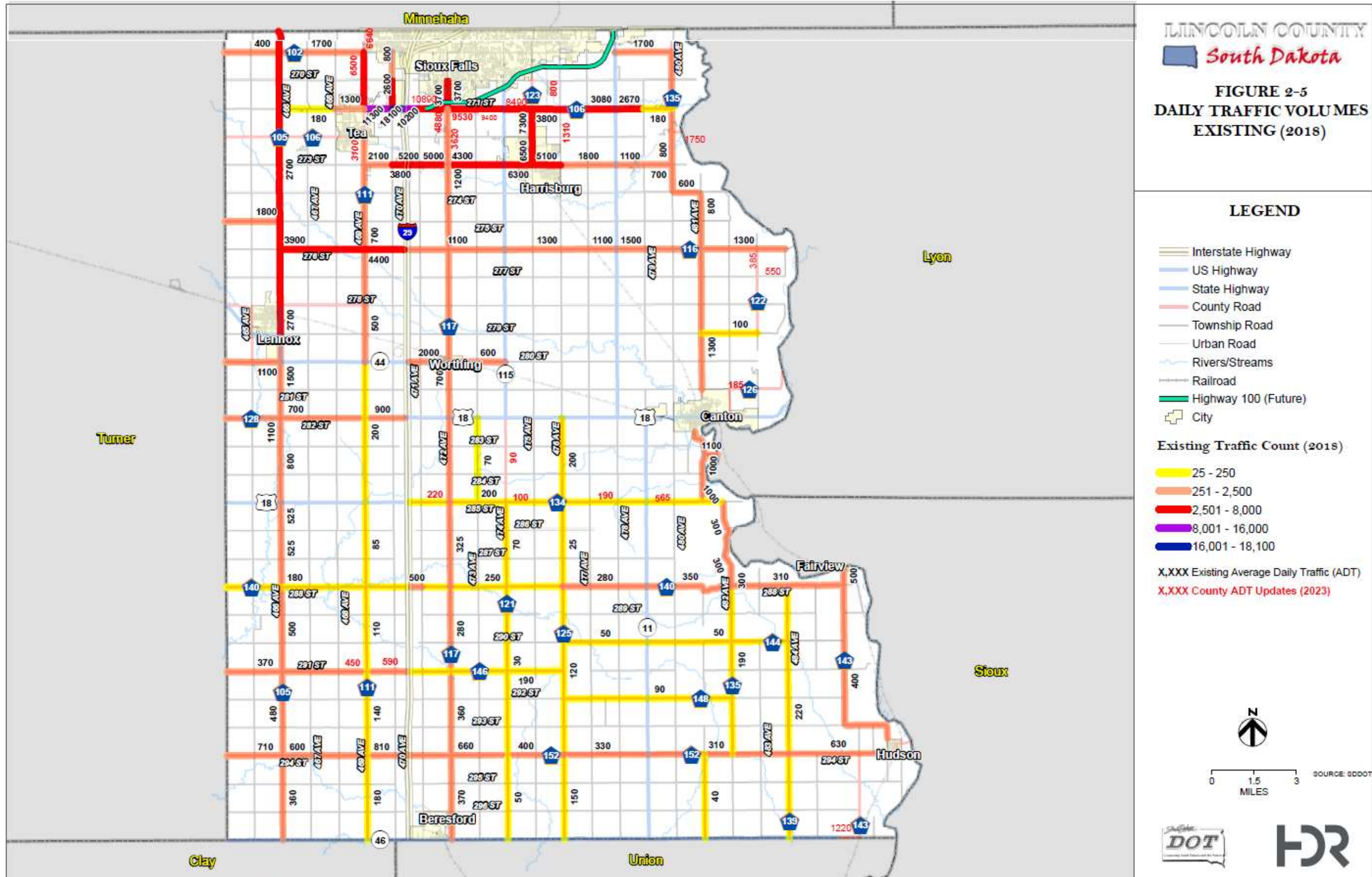
	2024	2025	2026	2027	2028
LOCAL					
General Funds – Property Tax	\$16,623,436	\$17,122,140	\$17,635,805	\$18,164,880	\$18,709,827
Motor Vehicle Licenses	\$1,500,000	\$1,545,000	\$1,591,350	\$1,639,091	\$1,688,264
Wheel Tax	\$1,600,000	\$1,648,000	\$1,697,440	\$1,748,364	\$1,800,815
Annual STBG	\$408,000	\$408,000	\$408,000	\$408,000	\$408,000
STATE					
PE-BIG (Planning to Apply)			\$112,000		
PE-BIG (Awarded by DOT)					
Preservation-BIG (Planning to Apply)	\$755,000	\$860,000			
Preservation-BIG (Awarded by DOT)		\$1,209,600			
Rehab/Replace-BIG (Planning to Apply)			\$1,558,240		\$1,620,000
Rehab/Replace-BIG (Awarded by DOT)					
FEDERAL					
TAP					
ER/FEMA					
Other: Federal Bridge Funds	\$1,538,366			\$1,325,000	
Other: Federal Safety Funds					
Other: State Safety Funds (Signing)					
Other: State Safety Funds (Striping)					
TOTAL FUNDS	\$22,424,802	\$22,792,740	\$23,002,835	\$23,285,335	\$24,226,906

APPENDICIES

APPENDIX A. LINCOLN COUNTY ROADS

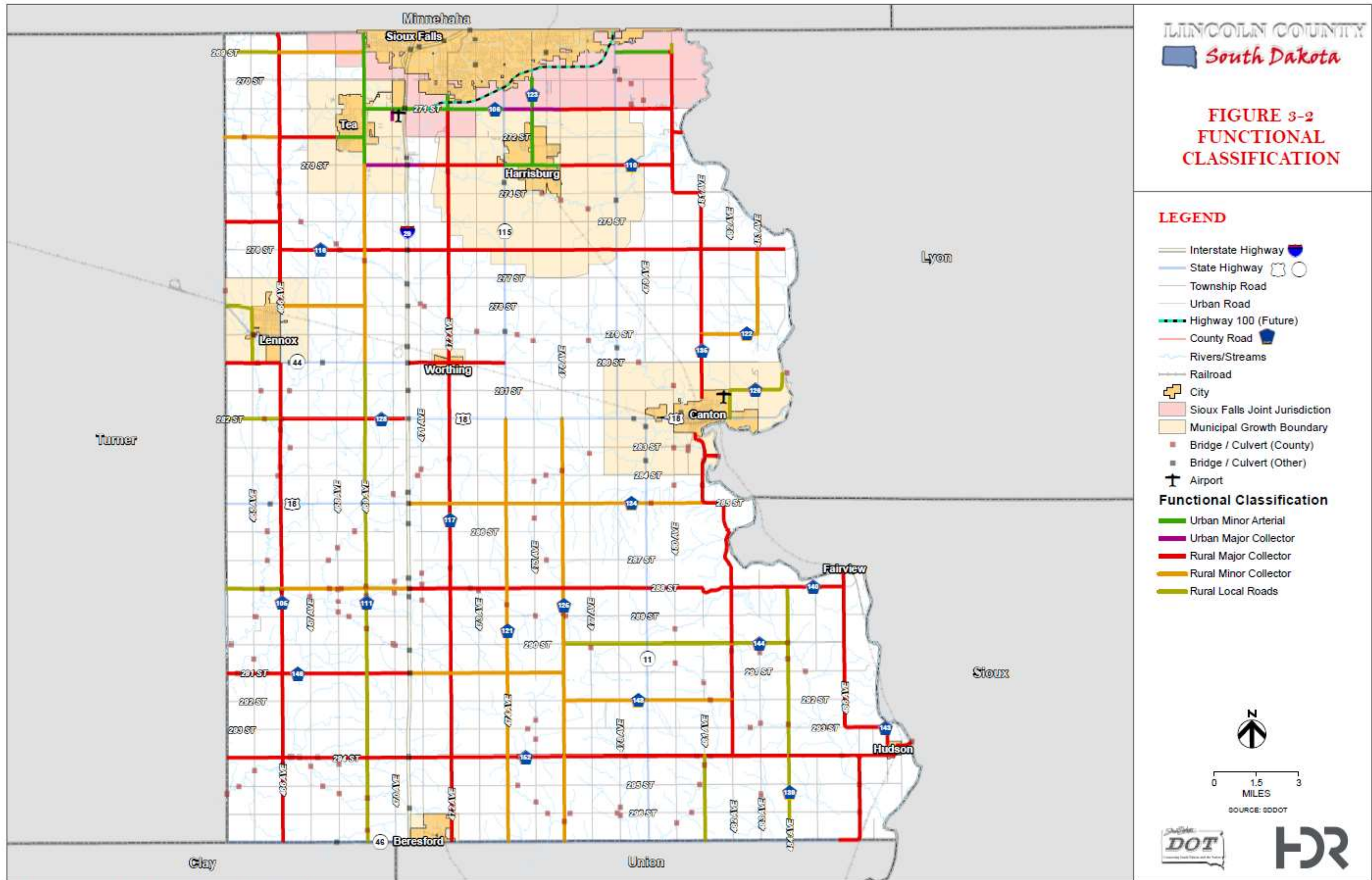
Road No.	Asphalt Miles	Gravel Miles	Total Miles	Road Surface	Federal Aid Eligible
102	7.50	0.00	7.50	Asphalt	Yes, 2 miles (478th - 480th AVE)
103	3.00	0.00	3.00	Asphalt	No
105	26.50	0.00	26.50	Asphalt	Yes
106	13.50	0.00	13.50	Asphalt	Yes, 11.5 miles (466th - 468th AVE, 471st - 480th AVE)
110	9.00	0.00	9.00	Asphalt	Yes
111	27.75	0.00	27.75	Asphalt	Yes, 4 miles (268th - 271st, 272nd - 273rd ST)
113	0.50	0.00	0.50	Asphalt	No
116	20.50	0.00	20.50	Asphalt	Yes
117	27.00	0.00	27.00	Asphalt	Yes
121	0.00	15.00	15.00	Gravel	No
122	3.00	5.00	8.00	Asphalt & Gravel	No
123	1.50	0.00	1.50	Asphalt	Yes
124	5.50	0.00	5.50	Asphalt	Yes
125	15.00	0.00	15.00	Asphalt	No
126	0.00	3.00	3.00	Gravel	No
128	6.50	0.00	6.50	Asphalt	Yes
134	10.50	0.00	10.50	Asphalt	No
135	28.00	3.00	31.00	Asphalt & Gravel	Yes, 28 miles (269th - 294th ST)
139	3.00	6.00	9.00	Asphalt & Gravel	No
140	22.00	0.00	22.00	Asphalt	Yes, 15.5 miles (474th - 486th AVE)
143	11.50	0.00	11.50	Asphalt	Yes
144	0.00	8.00	8.00	Gravel	No
146	8.00	4.00	12.00	Asphalt & Gravel	Yes, 6.5 miles (464th - 471st AVE)
148	6.00	0.00	6.00	Asphalt	No
152	25.00	0.00	25.00	Asphalt	Yes
25	280.75	44.00	324.75		

APPENDIX B. AVERAGE DAILY TRAFFIC MAP



PATH: K:\MS\PROJECTS\SDOT\LONGRMP_DOCUMENTS\REPORTS\EXISTING_2018_DAILY_TRAFFIC_VOLUMES.MXD - USER: AMBERNE - DATE: 8/22/19

APPENDIX C. FUNCTIONAL CLASSIFICATION OF ROADS MAP



APPENDIX D. BRIDGE SUFFICIENCY RATINGS

Status Column Key: A (Open, no restriction); P (Posted for Load); and K (Closed to all traffic)

Structure Number	Length (feet)	Width (feet)	Year Built	Status	Sufficiency Rating	Location	Condition	Last Inspection	Next Inspection
42-000-095	45.30	19.40	1935	A	71.80	0.5N & 2W of Lennox	Fair	6/2/2022	6/2/2024
42-000-274	67.00	28.00	1941	P	72.00	7W & 1.6N of Beresford	Poor	5/10/2022	5/10/2024
42-001-220	61.00	19.30	1930	P	32.00	11S & 1.9W of Lennox	Poor	5/18/2022	5/18/2024
42-004-230	53.80	34.50	1967	A	91.70	4N & 2.3E of Centerville	Fair	5/10/2022	5/10/2024
42-004-270	50.03	0.00	2016	A	100.00	2N & 6.7W of Beresford	Good	5/10/2022	5/10/2024
42-007-040	34.00	29.30	1958	P	37.80	3.5W of Tea	Poor	6/7/2022	6/7/2024
42-010-109	31.10	28.90	1976	P	41.50	SW Corner of Lennox	Poor	6/3/2020	6/3/2022
42-010-225	31.20	19.30	1938	A	60.80	11.5S & 1W of Lennox	Poor	5/18/2022	5/18/2024
42-010-265	30.80	19.30	1935	K	38.00	6W & 2.5N Beresford	Poor	8/23/2006	8/23/2008
42-011-120	60.20	34.30	1966	A	77.60	1S of Lennox	Fair	6/2/2022	6/2/2024
42-011-210	56.20	18.60	1935	K	36.00	10S & 0.9W of Lennox	Poor	5/11/2020	5/11/2022
42-012-130	31.20	19.30	1935	A	76.80	2S & 0.8W of Lennox	Fair	5/27/2022	5/27/2024
42-012-210	35.80	17.90	1935	K	21.40	10S & 0.8W of Lennox	Poor	5/11/2020	5/11/2022
42-013-200	78.00	34.30	1964	A	92.10	9S & 0.7W of Lennox	Fair	5/18/2022	5/18/2024
42-015-180	36.70	19.30	1940	P	35.00	7S & 0.5W of Lennox	Poor	5/18/2022	5/18/2024
42-015-190	60.00	24.30	1988	A	91.70	8S & 0.5W of Lennox	Good	5/18/2022	5/18/2024
42-016-140	52.80	0.00	2015	A	100.00	3S & 0.4W of Lennox	Good	5/21/2020	5/21/2024
42-018-160	93.10	31.00	1991	A	99.70	5S & 0.2W of Lennox	Fair	5/26/2022	5/26/2024
42-019-060	31.30	19.30	1935	P	49.80	4N & 0.1W of Lennox	Poor	6/7/2022	6/7/2024
42-020-057	25.00	0.00	1947	A	79.90	5.3N of Lennox	Fair	6/7/2022	6/7/2024
42-020-065	31.33	0.00	1948	A	79.90	3.6 N Lennox	Fair	6/7/2022	6/7/2024
42-020-144	83.00	34.30	1951	A	79.00	2.6N of Jct. US Hwy 18	Fair	5/26/2022	5/26/2024
42-020-156	92.00	34.30	1951	A	81.50	1.3N of Jct US Hwy 18	Fair	5/26/2022	5/26/2024
42-020-201	145.00	32.30	1964	A	57.40	3.2S of Jct. US Hwy 18	Poor	6/8/2021	6/8/2022
42-020-264	93.00	34.30	1964	A	93.50	2.7N of Jct. SD Hwy 46	Fair	5/10/2022	5/10/2024
42-021-140	67.00	35.00	1991	A	99.90	3S & 0.1E of Lennox	Good	5/27/2022	5/27/2024
42-022-260	38.30	0.00	2013	A	100.00	3N & 5.3W Beresford	Good	5/10/2022	5/10/2026
42-023-130	33.20	19.30	1935	P	40.00	2S & 0.3E of Lennox	Poor	5/27/2022	5/27/2024
42-023-150	67.10	28.10	1989	A	92.70	4S & 0.3E of Lennox	Fair	5/26/2022	5/26/2024
42-023-260	58.70	32.20	1986	A	89.60	3N & 5.2W of Beresford	Fair	5/10/2022	5/10/2024
42-026-260	37.17	0.00	2012	A	99.80	3N & 4.9W of Beresford	Good	5/11/2020	5/11/2024
42-027-070	33.20	0.00	1991	A	92.70	3N & 0.7E of Lennox	Good	6/7/2022	6/7/2024
42-030-203	70.60	25.80	1972	P	47.60	1E & 9.3S of Lennox	Poor	5/20/2022	5/20/2024
42-030-263	23.40	19.50	1935	A	78.80	4W & 2.7N of Beresford	Fair	5/10/2022	5/10/2024
42-031-260	20.70	0.00	1950	A	89.60	3N & 3.9W of Beresford	Good	5/10/2022	5/10/2024
42-034-270	23.50	22.00	1935	P	42.00	2N & 3.6W of Beresford	Poor	5/10/2022	5/10/2024
42-036-190	24.58	0.00	2019	A	97.60	8S & 1.6E of Lennox	Good	5/20/2022	5/20/2026
42-037-200	78.00	34.30	1964	A	89.70	9S & 1.7E of Lennox	Fair	5/20/2022	5/20/2024
42-040-078	24.50	25.70	1940	P	47.00	2.2N & 2E of Lennox	Fair	6/7/2022	6/7/2024

Structure Number	Length (feet)	Width (feet)	Year Built	Status	Sufficiency Rating	Location	Condition	Last Inspection	Next Inspection
42-040-187	31.00	19.30	1935	P	36.00	7.7S & 2E of Lennox	Poor	5/20/2022	5/20/2024
42-040-201	115.00	28.50	1963	A	81.70	9.1S & 2E of Lennox	Fair	5/20/2022	5/20/2024
42-040-205	30.80	19.50	1935	A	76.70	9.5S & 2E of Lennox	Fair	5/20/2022	5/20/2024
42-040-208	34.10	19.30	1935	A	76.80	9.8S & 2E of Lennox	Fair	5/20/2022	5/20/2024
42-040-262	26.25	0.00	2016	A	91.90	3W & 2.8N of Beresford	Good	5/10/2022	5/10/2024
42-040-273	30.50	19.30	1930	P	59.60	3W & 1.7N of Beresford	Fair	5/10/2022	5/10/2024
42-041-080	100.00	42.00	2008	A	99.80	3N & 2.1E of Lennox	Good	6/7/2022	6/7/2024
42-041-200	104.00	34.50	1964	A	89.30	9S & 2.1E of Lennox	Good	5/20/2022	5/20/2024
42-043-210	31.00	19.30	1945	A	76.80	10S & 2.3E of Lennox	Fair	5/20/2022	5/20/2024
42-046-180	38.82	0.00	2019	A	100.00	7S & 2.6E of Lennox	Good	5/21/2020	5/21/2024
42-050-084	46.00	29.70	1950	A	77.70	1.6N & 3E of Lennox	Fair	6/7/2022	6/7/2024
42-050-169	37.34	0.00	1999	A	99.30	3E & 5.9S of Lennox	Good	5/21/2020	5/21/2024
42-050-199	70.25	32.00	2010	A	99.90	8.9S & 3E of Lennox	Fair	5/24/2022	5/24/2024
42-050-202	21.10	0.00	2019	A	100.00	9.2S & 3E of Lennox	Good	5/19/2020	5/19/2024
42-050-207	20.75	0.00	2016	A	99.90	9.7S & 3E of Lennox	Good	5/24/2022	5/24/2024
42-050-215	35.20	27.30	1947	A	73.20	10.5S & 3E of Lennox	Fair	5/20/2022	5/20/2024
42-050-274	36.50	27.00	1950	A	75.70	2W & 1.6N of Beresford	Fair	5/10/2022	5/10/2024
42-050-287	23.00	29.40	1935	P	47.30	2W & 0.3N of Beresford	Poor	5/10/2022	5/10/2024
42-059-220	24.58	0.00	2002	A	99.90	11S & 3.8E of Lennox	Good	5/20/2022	5/20/2024
42-060-168	32.40	20.00	1935	A	62.70	5.8S & 4E of Lennox	Poor	5/26/2022	5/26/2024
42-060-197	36.00	25.70	1969	A	80.70	8.7S & 4E of Lennox	Fair	5/24/2022	5/24/2024
42-060-201	31.00	19.50	1935	A	75.80	9.1S & 4E of Lennox	Fair	5/24/2022	5/24/2024
42-060-221	58.50	32.50	1963	A	92.70	11.1S & 4E of Lennox	Fair	5/20/2022	5/20/2024
42-068-160	23.00	19.50	1935	A	76.80	4S & 1.2W of Worthing	Fair	5/26/2022	5/26/2024
42-070-098	31.00	19.30	1935	A	76.80	2.2N & 1W of Worthing	Fair	6/2/2022	6/2/2024
42-070-158	34.00	19.50	1935	P	67.80	3.8S & 1W of Worthing	Fair	5/26/2022	5/26/2024
42-070-195	32.20	18.00	1935	P	36.00	1W & 7.5S of Worthing	Poor	5/24/2022	5/24/2024
42-070-198	24.58	0.00	2000	A	100.00	1W & 7.8S of Worthing	Fair	5/24/2022	5/24/2024
42-070-204	37.80	32.30	1963	A	92.70	1W & 8.4S of Worthing	Fair	5/24/2022	5/24/2024
42-071-100	31.20	19.30	1935	A	76.80	2N & 0.9W of Worthing	Fair	6/2/2022	6/2/2024
42-080-052	29.10	0.00	2018	A	100.00	0.2S & 3W of Harrisburg	Good	6/7/2022	6/7/2024
42-080-107	84.00	32.67	2021	A	100.00	1.5N of Worthing	Good	6/2/2022	6/2/2024
42-080-154	31.80	0.00	1938	A	92.70	4.0S of Worthing	Fair	5/27/2022	5/27/2024
42-080-193	66.00	33.30	1938	B	44.30	7.3S of Worthing	Poor	5/24/2022	5/24/2024
42-087-200	80.00	34.60	1963	A	98.90	8S & 0.7E of Worthing	Fair	5/24/2022	5/24/2024
42-090-108	67.00	28.00	1985	A	92.70	1.2N & 1E of Worthing	Fair	6/2/2022	6/2/2024
42-090-201	50.80	28.10	1982	A	92.70	1E & 8.1S of Worthing	Fair	5/24/2022	5/24/2024
42-100-206	25.80	32.10	1978	A	81.70	2E & 8.6S of Worthing	Fair	5/24/2022	5/24/2024
42-103-260	37.50	0.00	1947	A	78.60	4.7W of Norway Center	Fair	5/18/2022	5/18/2024
42-103-270	24.60	0.00	1996	A	100.00	2N & 2.3E of Beresford	Good	5/8/2020	5/8/2024
42-104-110	46.00	28.00	1982	A	81.70	1N & 2.4E of Worthing	Fair	6/2/2022	6/2/2024
42-107-250	23.00	19.60	1940	A	62.80	4N & 2.7E of Beresford	Poor	5/18/2022	5/18/2024
42-110-112	45.70	28.10	1981	A	81.70	0.8N & 3E of Worthing	Fair	6/2/2022	6/2/2024

Structure Number	Length (feet)	Width (feet)	Year Built	Status	Sufficiency Rating	Location	Condition	Last Inspection	Next Inspection
42-110-175	28.49	0.00	2018	A	97.90	3E & 5.5S of Worthing	Good	5/24/2022	5/24/2026
42-110-247	31.00	19.50	1935	P	70.50	3E & 4.3N of Beresford	Fair	5/18/2022	5/18/2024
42-110-253	23.50	20.10	1930	P	34.00	3E & 3.7N of Beresford	Poor	5/18/2022	5/18/2024
42-110-276	48.00	19.30	1936	P	44.80	3E & 1.4N of Beresford	Fair	5/18/2022	5/18/2024
42-111-210	21.50	0.00	1994	A	97.10	7S & 4.9W of Canton	Good	5/19/2020	5/19/2024
42-113-060	46.00	19.30	1935	A	82.70	1S & 0.3E of Harrisburg	Fair	6/7/2022	6/7/2024
42-114-160	38.10	32.70	1997	A	84.40	2S & 4.6W of Canton	Fair	5/27/2022	5/27/2024
42-114-190	45.80	19.20	1940	A	76.80	7S & 3.4E of Worthing	Fair	5/24/2022	5/24/2024
42-114-280	38.70	24.10	1981	A	91.70	1N & 3.4E of Beresford	Fair	5/18/2022	5/18/2024
42-120-062	36.00	25.70	1971	P	54.80	1.2S of Harrisburg	Poor	6/7/2022	6/7/2024
42-120-117	36.52	0.00	1998	A	100.00	0.3N & 4E of Worthing	Good	6/8/2022	6/8/2024
42-120-158	80.00	34.30	1963	B	40.30	1.8S & 4W of Canton	Poor	5/27/2022	5/27/2024
42-120-209	28.75	0.00	2015	A	100.00	4W & 6.9S of Canton	Good	5/19/2020	5/19/2024
42-120-283	31.80	30.00	1940	P	47.50	4E & 0.7N of Beresford	Poor	5/13/2022	5/13/2024
42-121-210	37.82	0.00	2015	A	100.00	7S & 3.9W of Canton	Good	5/19/2020	5/19/2024
42-122-280	31.30	19.40	1940	P	58.40	1N & 4.2E of Beresford	Fair	5/13/2022	5/13/2024
42-130-065	45.80	24.10	1977	A	91.70	1E & 1.5S of Harrisburg	Fair	6/7/2022	6/7/2024
42-130-113	61.50	19.30	1935	P	46.00	3W & 2.7N of Canton	Poor	6/2/2022	6/2/2024
42-130-152	36.37	0.00	2019	A	100.00	3W & 1.2S of Canton	Good	5/27/2022	5/27/2024
42-130-222	31.00	19.30	1935	P	58.60	3W & 8.2S of Canton	Fair	5/16/2022	5/16/2024
42-132-110	28.00	20.00	2021	A	100.00	2.8W & 3N Canton	Good	6/8/2022	6/8/2024
42-138-280	25.10	0.00	1990	A	100.00	1N & 5.9E of Beresford	Good	5/8/2020	5/8/2024
42-140-278	36.00	25.50	1976	P	40.00	6E & 1.2N of Beresford	Poor	5/13/2022	5/13/2024
42-140-281	25.10	0.00	1990	A	100.00	6E & 0.9N of Beresford	Good	5/13/2022	5/13/2024
42-142-019	32.00	0.00	2015	A	92.80	Shindler	Good	6/8/2022	6/8/2024
42-142-260	60.10	34.40	1950	A	77.70	0.8W of Norway Center	Fair	5/13/2022	5/13/2024
42-144-019	20.70	0.00	2014	A	92.80	2.9N & 3.0E of Harrisburg	Good	6/8/2022	6/8/2026
42-144-026	27.60	0.00	2014	A	92.80	2.2N & 3.0E of Harrisburg	Good	6/8/2022	6/8/2026
42-144-270	28.30	22.90	1940	P	37.00	2N & 6.4E of Beresford	Poor	5/13/2022	5/13/2024
42-147-120	60.80	19.20	1935	P	51.00	2N & 1.2W of Canton	Poor	6/2/2022	6/2/2024
42-148-050	104.00	32.50	1958	P	40.10	3.3E of Harrisburg	Poor	6/8/2022	6/8/2024
42-150-027	21.56	0.00	1999	A	89.00	2.3N & 3E of Harrisburg	Fair	6/8/2022	6/8/2024
42-152-170	25.00	31.90	1978	A	77.70	1.8W & 3S of Canton	Fair	5/27/2022	5/27/2024
42-160-044	22.00	0.00	1990	A	99.80	0.5N & 4.5E Harrisburg	Fair	6/8/2022	6/8/2024
42-160-128	78.00	32.50	2014	A	92.70	1.2N Canton	Good	6/2/2022	6/2/2024
42-160-151	52.80	27.00	1953	A	80.70	1W & 1.1S of Canton	Fair	5/26/2022	5/26/2024
42-160-164	67.00	28.30	1989	A	92.70	1W & 2.4S of Canton	Fair	5/27/2022	5/27/2024
42-160-215	24.90	23.80	1935	P	39.00	6W & 2.5S of Fairview	Poor	5/16/2022	5/16/2024
42-160-227	26.10	28.20	1950	B	35.00	6W & 3.7S of Fairview	Poor	5/16/2022	5/16/2024
42-160-284	47.70	19.30	1935	A	58.80	8E & 0.6N of Beresford	Poor	5/13/2022	5/13/2024
42-165-153	42.00	28.40	1983	A	92.70	1.3S of Canton	Fair	5/26/2022	5/26/2024
42-165-280	28.00	18.00	1950	P	36.00	1N & 8.5E of Beresford	Poor	5/13/2022	5/13/2024
42-166-150	66.00	27.00	1976	A	78.80	1S of Canton	Fair	5/26/2022	5/26/2024

Structure Number	Length (feet)	Width (feet)	Year Built	Status	Sufficiency Rating	Location	Condition	Last Inspection	Next Inspection
42-167-260	32.30	0.00	1930	A	89.70	1.7E of Norway Center	Fair	5/13/2022	5/13/2024
42-168-270	46.00	19.30	1930	A	76.80	2N & 8.8E of Beresford	Fair	5/13/2022	5/13/2024
42-170-155	128.50	32.40	1959	A	86.30	1.6S of Canton	Fair	5/26/2022	5/26/2024
42-170-163	37.50	0.00	2017	A	99.90	2.3S of Canton	Good	5/26/2020	5/26/2024
42-170-234	32.30	28.10	1959	B	40.00	5W & 4.4S of Fairview	Poor	5/16/2022	5/16/2024
42-170-263	60.30	34.50	1968	A	92.70	9E & 2.7N of Beresford	Fair	5/13/2022	5/13/2024
42-172-240	60.40	34.30	1966	A	77.70	5N & 9.2E of Beresford	Fair	5/16/2022	5/16/2024
42-172-260	38.90	0.00	1930	A	89.70	6.2W of Hudson	Fair	5/13/2022	5/13/2024
42-175-153	353.00	32.00	1971	A	96.90	1.6S & 0.6E of Canton	Fair	5/26/2022	5/26/2024
42-180-069	28.50	0.00	2021	A	91.70	1E & 7.1N of Canton	Good	6/8/2022	6/8/2024
42-180-223	20.83	0.00	2019	A	99.80	4W & 2.8S of Fairview	Good	5/26/2022	5/26/2026
42-186-250	22.40	0.00	1940	A	65.80	4N & 10.6E of Beresford	Poor	5/10/2022	5/10/2024
42-190-223	61.20	19.50	1935	A	71.80	8.3S & 2E of Canton	Fair	5/16/2022	5/16/2024
42-190-249	23.38	0.00	2020	A	100.00	11E & 4.1N of Beresford	Good	5/10/2022	5/10/2024
42-190-274	31.00	19.30	1935	P	58.60	4.5W & 1.4S of Hudson	Fair	5/10/2022	5/10/2024
42-190-286	45.80	19.30	1935	A	60.80	4.5W & 2.6S of Hudson	Poor	5/10/2022	5/10/2024
42-200-219	56.50	32.20	1990	A	92.70	7.9S & 3E of Canton	Fair	5/16/2022	5/16/2024
42-200-226	33.80	25.50	1940	B	35.90	3W & 3.6N of Hudson	Poor	5/16/2022	5/16/2024
42-200-249	36.50	26.70	1935	B	40.00	3.5W & 1.1N of Hudson	Poor	5/10/2022	5/10/2024
42-200-287	31.70	0.00	1941	A	81.70	3.5W & 2.7S of Hudson	Fair	5/10/2022	5/10/2024
42-206-230	86.80	31.10	1988	A	92.70	9S & 3.6E of Canton	Fair	5/16/2022	5/16/2024
42-207-240	66.60	31.20	1988	A	92.70	5S & 1.3W of Fairview	Fair	5/16/2022	5/16/2024
42-214-250	36.00	25.60	1970	P	38.00	1N & 2.1W of Hudson	Poor	5/16/2022	5/16/2024
42-219-260	144.00	30.50	2017	A	99.80	1.6W of Hudson	Good	5/10/2022	5/10/2024
42-225-271	37.90	0.00	1997	A	99.80	2.4N of Jct with SD 46	Good	4/29/2020	4/29/2024
42-225-281	24.60	0.00	1997	A	96.80	1.4N of Jct with SD 46	Good	4/29/2020	4/29/2024
42-244-255	495.00	32.33	2009	A	87.20	State Line east of Hudson	Fair	5/10/2022	5/10/2024

APPENDIX E. RECOMMENDED BRIDGE LOAD LIMITS

Removed Load Restriction Lowered Load Restriction Raised Load Restriction

Structure Number	Location	2020 Recommended Rating	Current Rating	2022 Recommended Rating
42-000-095	0.5N & 2W of Lennox	12T-18T	12T-18T	Legal Loads
42-000-274	7W & 1.6N of Beresford	22T-35T	22T-35T	24T-40T
42-001-220	11S & 1.9W of Lennox	18T-27T	18T-27T	18T-27T
42-004-230	4N & 2.3E of Centerville	Legal Loads	Legal Loads	Legal Loads
42-004-270	2N & 6.7W of Beresford	Legal Loads	Legal Loads	Legal Loads
42-007-040	3.5W of Tea	17T-17T	17T-17T	17T-17T
42-010-109	SW Corner of Lennox	18T-30T	Legal Loads	Legal Loads
42-010-225	11.5S & 1W of Lennox	Legal Loads	Legal Loads	Legal Loads
42-011-120	1S of Lennox	Legal Loads	Legal Loads	Legal Loads
42-011-210	10S & 0.9W of Lennox	Closed	Closed	Closed
42-012-130	2S & 0.8W of Lennox	Legal Loads	Legal Loads	Legal Loads
42-012-210	10S & 0.8W of Lennox	Closed	Closed	Closed
42-013-200	9S & 0.7W of Lennox	Legal Loads	Legal Loads	Legal Loads
42-015-180	7S & 0.5W of Lennox	12T-19T	12T-19T	12T-19T
42-015-190	8S & 0.5W of Lennox	Legal Loads	Legal Loads	Legal Loads
42-016-140	3S & 0.4W of Lennox	Legal Loads	Legal Loads	Legal Loads
42-018-160	5S & 0.2W of Lennox	Legal Loads	Legal Loads	Legal Loads
42-019-060	4N & 0.1W of Lennox	18T-27T	18T-27T	18T-27T
42-020-057	5.3N of Lennox	Legal Loads	Legal Loads	Legal Loads
42-020-065	3.6 N Lennox	Legal Loads	Legal Loads	Legal Loads
42-020-144	2.6N of Jct. US Hwy 18	Legal Loads	Legal Loads	Legal Loads
42-020-156	1.3N of Jct US Hwy 18	Legal Loads	Legal Loads	Legal Loads
42-020-201	3.2S of Jct. US Hwy 18	Legal Loads	Legal Loads	Legal Loads
42-020-264	2.7N of Jct. SD Hwy 46	Legal Loads	Legal Loads	Legal Loads
42-021-140	3S & 0.1E of Lennox	Legal Loads	Legal Loads	Legal Loads
42-022-260	3N & 5.3W Beresford	Legal Loads	Legal Loads	Legal Loads
42-023-130	2S & 0.3E of Lennox	18T-18T	18T-18T	18T-18T
42-023-150	4S & 0.3E of Lennox	Legal Loads	Legal Loads	Legal Loads
42-023-260	3N & 5.2W of Beresford	Legal Loads	Legal Loads	Legal Loads
42-026-260	3N & 4.9W of Beresford	Legal Loads	Legal Loads	Legal Loads
42-027-070	3N & 0.7E of Lennox	Legal Loads	Legal Loads	Legal Loads
42-030-259		Legal Loads	Legal Loads	Legal Loads
42-030-203	1E & 9.3S of Lennox	18T-27T	18T-27T	18T-27T
42-030-263	4W & 2.7N of Beresford	Legal Loads	Legal Loads	Legal Loads

Structure Number	Location	2020 Recommended Rating	Current Rating	2022 Recommended Rating
42-031-260	3N & 3.9W of Beresford	Legal Loads	Legal Loads	Legal Loads
42-034-270	2N & 3.6W of Beresford	16T-16T	16T-16T	9T-16T
42-036-190	8S & 1.6E of Lennox	Legal Loads	Legal Loads	Legal Loads
42-037-200	9S & 1.7E of Lennox	Legal Loads	Legal Loads	Legal Loads
42-040-078	2.2N & 2E of Lennox	12T-12T	12T-12T	10T-17T
42-040-187	7.7S & 2E of Lennox	12T-20T	12T-20T	12T-20T
42-040-201	9.1S & 2E of Lennox	Legal Loads	Legal Loads	Legal Loads
42-040-205	9.5S & 2E of Lennox	Legal Loads	Legal Loads	Legal Loads
42-040-208	9.8S & 2E of Lennox	Legal Loads	Legal Loads	Legal Loads
42-040-262	3W & 2.8N of Beresford	Legal Loads	Legal Loads	Legal Loads
42-040-273	3W & 1.7N of Beresford	18T-27T	18T-27T	18T-27T
42-041-080	3N & 2.1E of Lennox	Legal Loads	Legal Loads	Legal Loads
42-041-200	9S & 2.1E of Lennox	Legal Loads	Legal Loads	Legal Loads
42-043-210	10S & 2.3E of Lennox	Legal Loads	Legal Loads	Legal Loads
42-046-180	7S & 2.6E of Lennox	Legal Loads	Legal Loads	Legal Loads
42-050-084	1.6N & 3E of Lennox	Legal Loads	Legal Loads	Legal Loads
42-050-169	3E & 5.9S of Lennox	Legal Loads	Legal Loads	Legal Loads
42-050-199	8.9S & 3E of Lennox	Legal Loads	Legal Loads	Legal Loads
42-050-202	9.2S & 3E of Lennox	Legal Loads	Legal Loads	Legal Loads
42-050-207	9.7S & 3E of Lennox	Legal Loads	Legal Loads	Legal Loads
42-050-215	10.5S & 3E of Lennox	Legal Loads	Legal Loads	Legal Loads
42-050-274	2W & 1.6N of Beresford	Legal Loads	Legal Loads	Legal Loads
42-050-287	2W & 0.3N of Beresford	18T-27T	18T-27T	18T-27T
42-059-220	11S & 3.8E of Lennox	Legal Loads	Legal Loads	Legal Loads
42-060-168	5.8S & 4E of Lennox	Legal Loads	Legal Loads	Legal Loads
42-060-197	8.7S & 4E of Lennox	Legal Loads	Legal Loads	Legal Loads
42-060-201	9.1S & 4E of Lennox	Legal Loads	Legal Loads	Legal Loads
42-060-221	11.1S & 4E of Lennox	Legal Loads	Legal Loads	Legal Loads
42-068-160	4S & 1.2W of Worthing	Legal Loads	Legal Loads	Legal Loads
42-070-098	2.2N & 1W of Worthing	Legal Loads	Legal Loads	Legal Loads
42-070-158	3.8S & 1W of Worthing	18T-27T	18T-27T	18T-27T
42-070-195	1W & 7.5S of Worthing	12T-18T	12T-18T	9T-15T EV 5T-7T-9T
42-070-198	1W & 7.8S of Worthing	Legal Loads	Legal Loads	Legal Loads
42-070-204	1W & 8.4S of Worthing	Legal Loads	Legal Loads	Legal Loads
42-071-100	2N & 0.9W of Worthing	Legal Loads	Legal Loads	Legal Loads
42-080-052	0.2S & 3W of Harrisburg	Legal Loads	Legal Loads	Legal Loads
42-080-107	1.5N of Worthing	12T-18T / Lane Closure	Legal Loads	Legal Loads

Structure Number	Location	2020 Recommended Rating	Current Rating	2022 Recommended Rating
42-080-154	4.0S of Worthing	Legal Loads	Legal Loads	Legal Loads
42-080-193	7.3S of Worthing	Legal Loads	Legal Loads	23T-34T
42-087-200	8S & 0.7E of Worthing	Legal Loads	Legal Loads	Legal Loads
42-090-108	1.2N & 1E of Worthing	Legal Loads	Legal Loads	Legal Loads
42-090-201	1E & 8.1S of Worthing	Legal Loads	Legal Loads	Legal Loads
42-100-206	2E & 8.6S of Worthing	Legal Loads	Legal Loads	Legal Loads
42-103-260	4.7W of Norway Center	Legal Loads	Legal Loads	Legal Loads
42-103-270	2N & 2.3E of Beresford	Legal Loads	Legal Loads	Legal Loads
42-104-110	1N & 2.4E of Worthing	Legal Loads	Legal Loads	Legal Loads
42-107-250	4N & 2.7E of Beresford	Legal Loads	Legal Loads	Legal Loads
42-108-180		Legal Loads	Legal Loads	Legal Loads
42-110-112	0.8N & 3E of Worthing	Legal Loads	Legal Loads	Legal Loads
42-110-175	3E & 5.5S of Worthing	Legal Loads	Legal Loads	Legal Loads
42-110-184		Legal Loads	Legal Loads	Legal Loads
42-110-247	3E & 4.3N of Beresford	18T-27T	18T-27T	18T-27T
42-110-253	3E & 3.7N of Beresford	6T-10T	6T-10T / Road Closed	6T-10T
42-110-276	3E & 1.4N of Beresford	12T-21T	12T-21T	12T-21T
42-111-210	7S & 4.9W of Canton	Legal Loads	Legal Loads	Legal Loads
42-113-060	1S & 0.3E of Harrisburg	Legal Loads	Legal Loads	Legal Loads
42-114-160	2S & 4.6W of Canton	Legal Loads	Legal Loads	Legal Loads
42-114-190	7S & 3.4E of Worthing	Legal Loads	Legal Loads	Legal Loads
42-114-280	1N & 3.4E of Beresford	Legal Loads	Legal Loads	Legal Loads
42-120-062	1.2S of Harrisburg	18T-30T	18T-30T	18T-30T
42-120-117	0.3N & 4E of Worthing	Legal Loads	Legal Loads	Legal Loads
42-120-158	1.8S & 4W of Canton	18T-30T	18T-30T	12T-20T
42-120-209	4W & 6.9S of Canton	Legal Loads	Legal Loads	Legal Loads
42-120-283	4E & 0.7N of Beresford	18T-27T	18T-27T	18T-27T
42-121-210	7S & 3.9W of Canton	Legal Loads	Legal Loads	Legal Loads
42-122-280	1N & 4.2E of Beresford	18T-27T	18T-27T	18T-27T
42-130-065	1E & 1.5S of Harrisburg	Legal Loads	Legal Loads	Legal Loads
42-130-113	3W & 2.7N of Canton	18T-30T	18T-30T	18T-30T
42-130-152	3W & 1.2S of Canton	Legal Loads	Legal Loads	Legal Loads
42-130-222	3W & 8.2S of Canton	18T-27T	18T-27T	18T-27T
42-132-110		Legal Loads	Legal Loads	Legal Loads
42-138-280	1N & 5.9E of Beresford	Legal Loads	Legal Loads	Legal Loads
42-140-278	6E & 1.2N of Beresford	12T-18T	12T-18T	12T-18T
42-140-281	6E & 0.9N of Beresford	Legal Loads	Legal Loads	Legal Loads

Structure Number	Location	2020 Recommended Rating	Current Rating	2022 Recommended Rating
42-142-019	Shindler	Legal Loads	Legal Loads	Legal Loads
42-142-260	0.8W of Norway Center	Legal Loads	Legal Loads	Legal Loads
42-144-019	2.9N & 3.0E of Harrisburg	Legal Loads	Legal Loads	Legal Loads
42-144-026	2.2N & 3.0E of Harrisburg	Legal Loads	Legal Loads	Legal Loads
42-144-270	2N & 6.4E of Beresford	11T-11T	11T-11T	13T-22T
42-147-120	2N & 1.2W of Canton	18T-30T	18T-30T	18T-30T
42-148-050	3.3E of Harrisburg	18T-30T	18T-30T	18T-30T
42-150-027	2.3N & 3E of Harrisburg	Legal Loads	Legal Loads	Legal Loads
42-152-170	1.8W & 3S of Canton	Legal Loads	Legal Loads	Legal Loads
42-160-128	1.2N Canton	Legal Loads	Legal Loads	Legal Loads
42-160-151	1W & 1.1S of Canton	Legal Loads	Legal Loads	Legal Loads
42-160-164	1W & 2.4S of Canton	Legal Loads	Legal Loads	Legal Loads
42-160-215	6W & 2.5S of Fairview	15T-23T	15T-23T	9T-16T
42-160-227	6W & 3.7S of Fairview	18T-30T	18T-30T	15T-25T
42-160-284	8E & 0.6N of Beresford	Legal Loads	Legal Loads	Legal Loads
42-165-153	1.3S of Canton	Legal Loads	Legal Loads	Legal Loads
42-165-280	1N & 8.5E of Beresford	5T-5T	5T-5T	5T-5T
42-166-150	1S of Canton	Legal Loads	Legal Loads	Legal Loads
42-167-260	1.7E of Norway Center	Legal Loads	Legal Loads	Legal Loads
42-168-270	2N & 8.8E of Beresford	Legal Loads	Legal Loads	Legal Loads
42-170-155	1.6S of Canton	Legal Loads	Legal Loads	Legal Loads
42-170-163	2.3S of Canton	Legal Loads	Legal Loads	Legal Loads
42-170-234	5W & 4.4S of Fairview	18T-30T	18T-30T	11T-19T
42-170-263	9E & 2.7N of Beresford	Legal Loads	Legal Loads	Legal Loads
42-172-240	5N & 9.2E of Beresford	Legal Loads	Legal Loads	Legal Loads
42-172-260	6.2W of Hudson	Legal Loads	Legal Loads	Legal Loads
42-175-153	1.6S & 0.6E of Canton	Legal Loads	Legal Loads	Legal Loads
42-180-069	1E & 7.1N of Canton	5T-5T	Legal Loads	Legal Loads
42-180-223	4W & 2.8S of Fairview	Legal Loads	Legal Loads	Legal Loads
42-186-250	4N & 10.6E of Beresford	Legal Loads	Legal Loads	Legal Loads
42-190-223	8.3S & 2E of Canton	Legal Loads	Legal Loads	Legal Loads
42-190-249	11E & 4.1N of Beresford	Legal Loads	Legal Loads	Legal Loads
42-190-274	4.5W & 1.4S of Hudson	18T-27T	18T-27T	18T-27T
42-190-286	4.5W & 2.6S of Hudson	Legal Loads	Legal Loads	Legal Loads
42-200-219	7.9S & 3E of Canton	Legal Loads	Legal Loads	Legal Loads
42-200-226	3W & 3.6N of Hudson	13T-20T	13T-20T	12T-20T
42-200-249	3.5W & 1.1N of Hudson	19T-28T	17T-28T	10T-17T

Structure Number	Location	2020 Recommended Rating	Current Rating	2022 Recommended Rating
42-200-287	3.5W & 2.7S of Hudson	Legal Loads	Legal Loads	Legal Loads
42-206-230	9S & 3.6E of Canton	Legal Loads	Legal Loads	Legal Loads
42-207-240	5S & 1.3W of Fairview	Legal Loads	Legal Loads	Legal Loads
42-214-250	1N & 2.1W of Hudson	18T-27T	18T-27T	18T-27T
42-219-260	1.6W of Hudson	Legal Loads	Legal Loads	Legal Loads
42-225-271	2.4N of Jct with SD 46	Legal Loads	Legal Loads	Legal Loads
42-225-281	1.4N of Jct with SD 46	Legal Loads	Legal Loads	Legal Loads
42-244-255	State Line east of Hudson	Legal Loads	Legal Loads	Legal Loads

APPENDIX F. PROGRAMMED ROAD AND BRIDGE PROJECTS

2024									
Project Location	Project Description	Map ID	Local Funds	Federal Funds	State Funds	Unfunded	Anticipated Grant	Total Funds	Total Project Cost
42-007-040 (LC106, 3.5 west of Tea)	PCN 085A (2020 Federal Bridge Replacement)	24-1	\$80,322		\$364,678			\$445,000	\$445,000
42-011-210 (289th ST, 10 south and 0.9 west of Lennox) 42-012-210 (289th ST, 10 south and 0.9 west of Lennox)	PCN 085C (2020 Federal Bridge Replacement) PCN 085D (2020 Federal Bridge Replacement)	24-2	\$180,897		\$821,303			\$1,002,200	\$1,002,200
42-050-287 (LC 111, 2 west and 0.3 north of Beresford)	PCN 085E (2020 Federal Bridge Replacement)	24-3	\$77,615		\$352,385			\$430,000	\$430,000
42-020-201 (LC105, 3.2 south of US Hwy 18)	BIG Preservation/Rehabilitation Project (re-apply & work)	24-4	\$465,000				\$755,000	\$1,220,000	\$1,220,000
LC110 (5 miles, 469th to 474th AVE) LC111 (3 miles, 268th to 271st ST) LC117 (2 miles, 271st to 273rd ST)	2024 Surfacing - Mill/Overlay	24-5	\$1,870,000					\$1,870,000	\$1,870,000
LC106 (9.5 miles, I-29 to 480th AVE) LC110 (4 miles, 476th to 480th AVE) LC113 (.5 miles, 271st ST to .5 mile north of 272nd) LC123 (1.5 miles, 270th ST to 272nd ST)	2024 Microsurfacing	24-5	\$865,000					\$865,000	\$865,000
LC134 (7 miles, 472nd to 478th AVE)	Full Depth Reclamation/Base Stabilization/Paving	24-7	\$371,000					\$371,000	\$371,000
County Bridges on Gravel Roads	Maintenance - Bridge Inspections (96)	n/a	\$75,000					\$75,000	\$75,000
Various County Asphalt Roads	Maintenance - Asphalt for Patching (18,000 tons)	n/a	\$1,350,000					\$1,350,000	\$1,350,000
Total			\$5,334,834	\$0	\$1,538,366	\$0	\$755,000	\$7,628,200	\$7,628,200

2025									
Project Location	Project Description	Map ID	Local Funds	Federal Funds	State Funds	Unfunded	Anticipated Grant	Total Funds	Total Project Cost
42-244-255 (LC152, state line east of Hudson)	Preservation/Rehabilitation Project	25-1	\$419,820		\$1,209,600			\$1,629,420	\$1,629,420
42-175-153 (LC135, state line west of Beloit)	Apply for BIG-Preservation/Rehabilitation in 2024	25-2	\$390,000				\$860,000	\$1,250,000	\$1,250,000
LC116/LC105 Intersection	Turn Lane/Intersection Project	25-3	\$1,300,000					\$1,300,000	\$1,300,000
LC105 (10 miles, 268th to 278th ST) LC106 (4 miles, 464th to 468th AVE) LC116 (2 miles, 464th to 466th AVE)	2025 Microsurfacing	25-4	\$940,000					\$940,000	\$940,000
LC102 (7 miles)	Full Depth Reclamation/Base Stabilization/Paving	25-5	\$435,000					\$435,000	\$435,000
Lincoln County Master Transportation Plan	Review	n/a	\$100,000					\$100,000	\$100,000
County Bridges on Asphalt Roads	Maintenance - Bridge Inspections (63)	n/a	\$80,000					\$80,000	\$80,000
Various County Asphalt Roads	Maintenance - Asphalt for Patching (18,000 tons)	n/a	\$1,405,000					\$1,405,000	\$1,405,000
Total			\$5,069,820	\$0	\$1,209,600	\$0	\$860,000	\$7,139,420	\$7,139,420

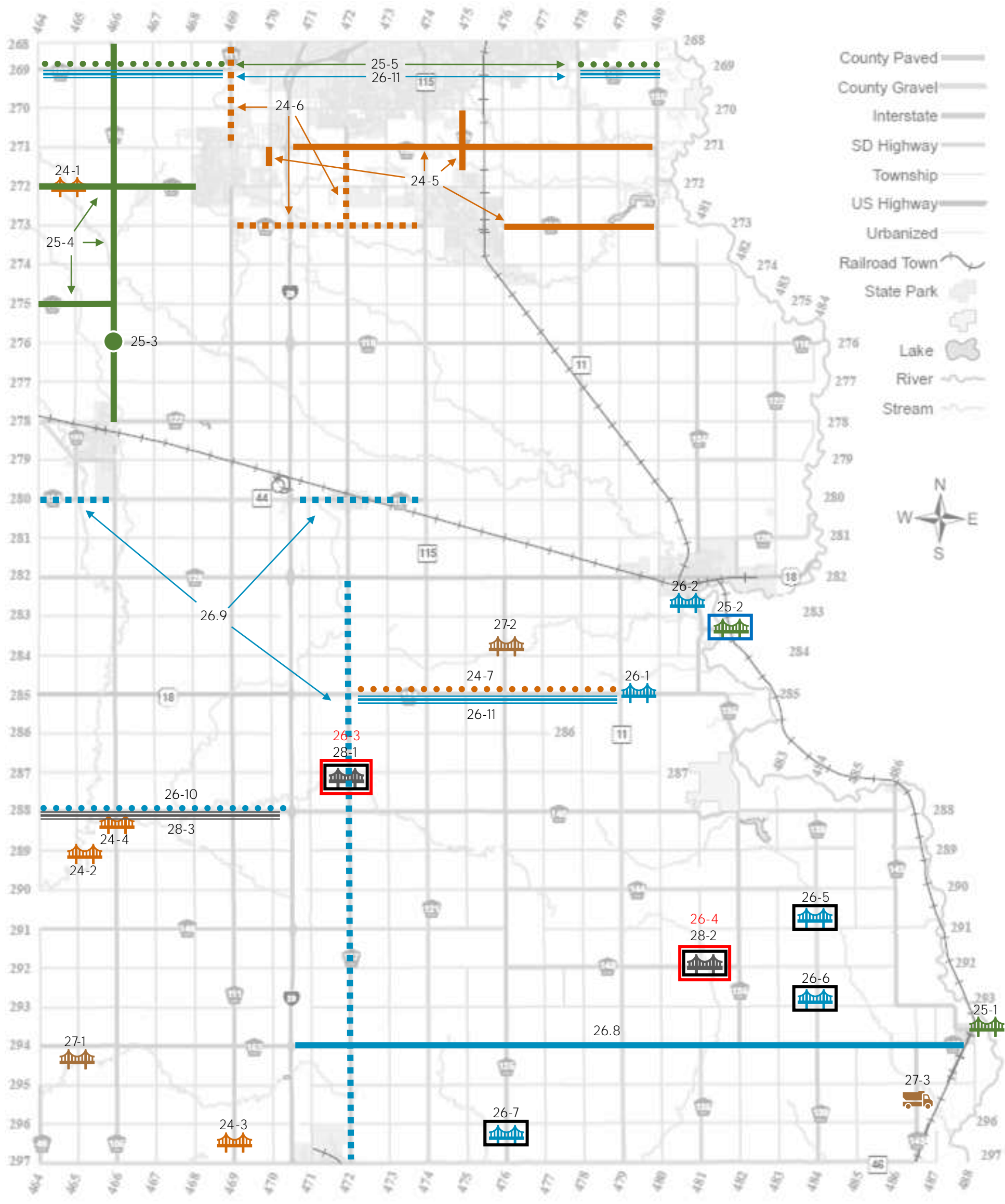
2026									
Project Location	Project Description	Map ID	Local Funds	Federal Funds	State Funds	Unfunded	Anticipated Grant	Total Funds	Total Project Cost
42-152-170 (LC134, 1.8 west and 3 south of Canton)	Deck Unit Replacement	26-1	\$210,000					\$210,000	\$210,000
42-166-150 (282nd ST, 1 south of Canton)	Deck Unit Replacement	26-2	\$210,000					\$210,000	\$210,000
42-080-193 (LC117, 7.3 south of Worthing)	Apply for BIG-PE Grant in 2025	26-3	\$14,000				\$56,000	\$70,000	\$70,000
42-172-240 (LC148, 5 north and 9.2 east of Beresford)	Apply for BIG-PE Grant in 2025	26-4	\$14,000				\$56,000	\$70,000	\$70,000
42-200-226 (LC139, 3 west and 3.6 north of Hudson)	Apply for BIG-Replacement in 2024	26-5	\$102,000				\$408,000	\$510,000	\$510,000
42-200-249 (LC139 3.5 west and 1.1 north of Hudson)	Apply for BIG-Replacement in 2024	26-6	\$105,600				\$422,200	\$527,800	\$527,800
42-120-283 (LC125, 4 east and .7 north of Beresford)	Apply for BIG-Replacement in 2024	26-7	\$182,000				\$728,000	\$910,000	\$910,000
LC152 (17.5 miles, I-29 to 487th AVE)	2026 Microsurfacing	26-8	\$1,080,000					\$1,080,000	\$1,080,000
LC124 (5.5 miles) LC117 (15 miles, 282nd to 297th ST)	2026 Surfacing - Mill/Overlay	26-9	\$3,181,500					\$3,181,500	\$3,181,500
LC140 (6.5 miles, I-29 to 464th AVE)	Full Depth Reclamation/Stabilization	26-10	\$335,000					\$335,000	\$335,000
LC134 (7 miles, 472nd AVE to SD Hwy 11) LC102 (7 miles)	2026 Surfacing - Resealing	26-11	\$2,100,000					\$2,100,000	\$2,100,000
County Bridges on Gravel Roads	Maintenance - Bridge Inspections (96)	n/a	\$80,000					\$80,000	\$80,000
Various County Asphalt Roads	Maintenance - Asphalt for Patching (17,000 tons)	n/a	\$1,275,000					\$1,275,000	\$1,275,000
Total			\$8,889,100	\$0	\$0	\$0	\$1,670,200	\$10,559,300	\$10,559,300

2027									
Project Location	Project Description	Map ID	Local Funds	Federal Funds	State Funds	Unfunded	Anticipated Grant	Total Funds	Total Project Cost
42-010-265 (465th AVE, 6 west and 2.5 north of Beresford)	2023 Federal Bridge Removal	27-1	\$0		\$150,000			\$150,000	\$150,000
42-120-158 (LC125, 1.8 south and 4 west of Canton)	2023 Federal Bridge Replacement	27-2	\$0		\$1,175,000			\$1,175,000	\$1,175,000
LC143 (3.5 miles, 294th to 297th ST)	Reconstruction	27-3	\$1,500,000				\$5,700,000	\$7,200,000	\$7,200,000
County Bridges on Asphalt Roads	Maintenance - Bridge Inspections (63)	n/a	\$80,000					\$80,000	\$80,000
Various County Asphalt Roads	Maintenance - Asphalt for Patching (13,000 tons)	n/a	\$980,000					\$980,000	\$980,000
Total			\$2,560,000	\$0	\$1,325,000	\$0	\$5,700,000	\$9,585,000	\$9,585,000

2028									
Project Location	Project Description	Map ID	Local Funds	Federal Funds	State Funds	Unfunded	Anticipated Grant	Total Funds	Total Project Cost
42-080-193 (LC117, 7.3 south of Worthing)	Apply for BIG-Replacement in 2027	28-1	\$180,000				\$780,000	\$960,000	\$960,000
42-172-240 (LC148, 5 north and 9.2 east of Beresford)	Apply for BIG-Replacement in 2027	28-2	\$210,000				\$840,000	\$1,050,000	\$1,050,000
LC140 (6.5 miles, 464th AVE to I-29)	2028 Surfacing - Resealing	28-3	\$1,400,000					\$1,400,000	\$1,400,000
County Bridges on Gravel Roads	Maintenance - Bridge Inspections (96)	n/a	\$80,000					\$80,000	\$80,000
Various County Asphalt Roads	Maintenance - Asphalt for Patching (13,000 tons)	n/a	\$980,000					\$980,000	\$980,000
Total			\$2,850,000	\$0	\$0	\$0	\$1,620,000	\$4,470,000	\$4,470,000

APPENDIX G. PROGRAMMED ROAD AND BRIDGE PROJECT MAP

- 2024 Projects
- 2025 Projects
- 2026 Projects
- 2027 Projects
- 2028 Projects
- Road Microsurfacing
- Road Surfacing – Mill/Overlay
- Road Surfacing – Full Depth Reclamation
- Road Surfacing – Resealing
- Road Intersection Project
- Road Reconstruction
- Bridge Project
- Planning to Apply for BIG PE Grant
- Planning to Apply for BIG Replacement Grant
- Planning to Apply for BIG Preservation/Rehabilitation Grant



APPENDIX H. STATUS OF PREVIOUS YEAR ROAD AND BRIDGE PROJECT

Year	Project Location	Project Description	Status
2023	42-020-201 (LC105, 3.2 south of US Hwy 18)	Preservation/Rehabilitation Project	Reapply for build grant in 2024 and begin work in 2024 (PE is complete)
	42-110-253 (475th Ave, 3 east and 3.7 north of Beresford)	Replacement (Pleasant Township Cost Share \$50K)	Complete
	42-148-050 (LC110, 3.3 east of Harrisburg)	Replacement	In Progress
	42-120-158 (LC125, 4 west and 1.8 south of Canton)	PE Grant	Complete - PCN 0991
	42-120-283 (LC125, 4 east and .7 north of Beresford)	PE Grant	Complete - PCN 0992
	42-200-226 (LC139, 3 west and 3.6 north of Hudson)	PE Grant	Complete - PCN 0993
	42-200-249 (LC139, 3.5 west and 1.1 north of Hudson)	PE Grant	Complete - PCN 0994
	42-007-040 (3.5 west of Tea)	PCN 085A (2020 Federal Bridge Replacement)	Moved to 2024
	42-011-210 (10 south and .9 west of Lennox)	PCN 085C (2020 Federal Bridge Replacement)	
	42-012-210 (10 south and .8 west of Lennox)	PCN 085D (2020 Federal Bridge Replacement)	
	42-050-287 (2 west and .3 north of Beresford)	PCN 085E (2020 Federal Bridge Replacement)	
	LC152 (.1 east of 475th Ave)	Box Culvert Replacement	Complete
	LC152 (15.5 miles, LC117 to Hudson)	Full Depth Reclamation/Base Stabilization	In Progress
	LC135 (15.5 miles, 269th St to Canton)	2023 Surfacing - Resealing	Complete
	LC140 (13 miles, I-29 to LC143)		
Highway Shop Parking Lot (1.5 miles)			
LC105/116 (275th and 466th Ave)	Intersection Study	Complete	
Misc. Bridges	Bridge Inspections	Complete	
Various County Asphalt Roads	Asphalt for patching (appx. 5,000 tons)	Complete	
2024	42-007-040 (LC106, 3.5 west of Tea)	PCN 085A (2020 Federal Bridge Grant Replacement)	On Schedule
	42-011-210 and 42-012-210 (289 St, 10 south and .9 west of Lennox)	PCN 085C (2020 Federal Bridge Grant Replacement) PCN 085D (2020 Federal Bridge Grant Replacement)	On Schedule
	42-050-287 (LC111, 2 west and .3 north of Beresford)	PCN 085E (2020 Federal Bridge Grant Replacement)	On Schedule
	42-160-227 (6.0 west and 3.7 south of Fairview)	Replacement (Highland Township cost-share)	Removed
	42-170-234 (5.0 west and 4.4 south of Fairview)	Replacement (Norway Township cost-share)	Removed
	LC110 (5 miles, 469th to 474th AVE)	2024 Surfacing - Mill/Overlay	On Schedule
	LC111 (3 miles, 268th to 271st ST)		
	LC117 (2 miles, 271st to 273rd ST)		
	LC102 (2 miles, SD Hwy 11 to LC135)	2024 Microsurfacing	On Schedule (removed LC102; reduced LC106 to 5 miles; added LC110 [4 miles] and LC113 [.5 miles])
	LC106 (9.5 miles, I-29 to LC135)		
	LC123 (1.5 miles, 270th St to 272nd St)		
County Bridges	Bridge Inspections	Revised to inspect those on <i>gravel</i> roads (96)	
Various County Asphalt Roads	Asphalt Patching (appx. 13,000 tons)	Increased tons by 5,000 and cost by \$440,000	
2025	42-120-283 (LC125, 4 east and .7 north of Beresford)	Apply for BIG-Replacement in 2024	Deferred to 2026
	42-244-255 (LC152, State line east of Hudson)	Apply for BIG-Rehabilitation in 2023	Received grant; On Schedule
	LC105/116 (275th and 466th Ave)	Turn Lane Project	On Schedule
	LC105 (10 miles, 268th St to Lennox); LC106 (4 miles, Tea to 464th Ave); LC116 (2 miles, LC105 to 464th Ave)	2025 Microsurfacing	On Schedule; Increased cost by \$50,000
	Misc. Bridges	Bridge Inspections	Revised to inspect those on <i>asphalt</i> roads (63); increased cost by \$5,000
	Various County Asphalt Roads	Asphalt Patching (appx. 13,000 tons)	Increased tons by 5,000 and cost by \$475,000
2026	Review Lincoln County Master Transportation Plan	Review	On Schedule
	42-120-158 (LC125, 4 west and 1.8 south of Canton)	Replacement	Moved to 2027; received 100% funding
	42-152-170 (LC134, 1.8 west and 3 south of Canton)	Deck Unit Replacement	On Schedule; Increased cost by \$15,000
	42-166-150 (282nd St, 1 south of Canton)	Deck Unit Replacement	On Schedule; Increased cost by \$15,000
	42-080-193 (LC117, 7.3 south of Worthing)	Apply for BIG-PE Grant in 2025	On Schedule; Increased cost by \$1,000
	42-172-240 (LC148, 5 north and 9.2 east of Beresford)	Apply for BIG-PE Grant in 2025	On Schedule; Increased cost by \$1,000
	LC140 (6.5 miles, I-29 to 464th Ave)	Full Depth Reclamation/Base Stabilization	On Schedule
	LC117 (15 miles, US Hwy 18 to SD Hwy 46); LC124 (5.5 miles)	2026 Surfacing - Mill/Overlay	On Schedule
	TBD (12-20 miles)	2026 Microsurfacing	Determined location: LC152, 17.5 miles
	Misc. Bridges	Bridge Inspections	Revised to inspect those on <i>gravel</i> roads (96); increased cost by \$5,000
2027	42-200-226 (LC139, 3 west and 3.6 north of Hudson)	Apply for BIG-Replacement in 2026	Changed application year to 2024; moved project to 2026
	42-200-249 (LC139, 3.5 west and 1.1 north of Hudson)	Apply for BIG-Replacement in 2026	Changed application year to 2024; moved project to 2026
	LC143 (3 miles, 294th St to 297th St)	Reconstruction	In Progress; applying for \$5,700,000 grant
	LC140 (6.5 miles, I-29 to 464th Ave)	2027 Surfacing - Paving	Moved to 2026
	LC152 (40 miles, I-29 to Hudson)	2027 Surfacing - Resealing	Moved to 2026
Misc. Bridges	Bridge Inspections	Revised to inspect those on asphalt roads (63); increased cost by \$5,000	

APPENDIX I. PUBLIC MEETING NOTICE AND COMMENTS

PUBLIC NOTICE

The invite below was emailed to Township Board members on September 9, 2023:

You are invited to review and comment upon the proposed 2024-2028 Lincoln County Five-Year Highway and Bridge Improvement Plan on Tuesday, October 3 at 9:30AM in the Commission Chambers of the Lincoln County Courthouse. This 45-minute public meeting includes one-on-one discussion with Lincoln County Commissioners and staff.

The Five-Year Highway and Bridge Improvement Plan is an eligibility requirement for the County to receive funds from the Bridge Improvement Grant (BIG) and required by Senate Bill 1 of the 2015 Legislative Session.

This public meeting will be in a physically accessible location. Individuals with disabilities who require a reasonable accommodation to participate should submit a request to Lincoln County Auditor's Office at (605) 764-2581 or the Telecommunication Relay Services for the Deaf at (800) 877-1113. Please request accommodations no later than two business days prior to the meeting to ensure accommodations are available.

For further information regarding the plan, email tfluit@lincolncountysd.org. To receive future notices from our department by email, please send your email address to highway@lincolncountysd.org.

TOWNSHIP BOARD MEMBERS

Township	Position	First Name	Last Name
Brooklyn Township	Superintendent	Duane	Carlson
Brooklyn Township	Treasurer	Darla	Carlson
Brooklyn Township	Clerk	John	Fahlberg
Brooklyn Township	Chairman	Steve	Holmberg
Brooklyn Township	Superintendent	Andrew	Larson
Canton Township	Superintendent	Timothy	Dejong
Canton Township	Clerk	Brad	Dietzenbach
Canton Township	Superintendent	Sam	Eiesland
Canton Township	Chairman	Michael	Knutson
Canton Township	Treasurer	Peggy	VanDeKieft
Dayton Township	Clerk	Gregg	Fodness
Dayton Township	Treasurer	Kim	Larson
Dayton Township	Superintendent	Burdell	Meyer
Dayton Township	Superintendent	Jared	Narum
Dayton Township	Chairman	Jason	Vandentop
Delapre Township	Chairman	Ronald	Albers
Delapre Township	Superintendent	Pete	Daggett
Delapre Township	Clerk	Sarah	Johnson
Delapre Township	Treasurer	Sharee	Koenig
Delapre Township	Superintendent	Allen	Rippentrop
Delaware Township	Superintendent	Chad	Baldwin
Delaware Township	Superintendent	Philip	Christoffersen
Delaware Township	Treasurer	Dana	Knudson

Township	Position	First Name	Last Name
Delaware Township	Chairman	Louis	Vanderlaan
Delaware Township	Clerk	Casey	Wright
Eden Township	Superintendent	John	Anderson
Eden Township	Chairman	Russ	Hazel
Eden Township	Clerk	Tony	Rau
Eden Township	Treasurer	Todd	Schlup
Eden Township	Superintendent	Justin	Teunissen
Fairview Township	Treasurer	Dennis	Halverson
Fairview Township	Chairman	Dale	Sharon
Fairview Township	Clerk	Nancy	Sharon
Fairview Township	Superintendent	Mike	Thies
Fairview Township	Superintendent	Rich	VanNoort
Grant Township	Chairman	Jordan	Andernacht
Grant Township	Superintendent	William	Beck
Grant Township	Treasurer	Lori	Fillipi
Grant Township	Superintendent	Jonathon	Hagena
Grant Township	Clerk	Arlan	Hagena
Highland Township	Chairman	Mike	Eliason
Highland Township	Clerk	Eric	Eneboe
Highland Township	Superintendent	David	Grotewold
Highland Township	Superintendent	Erik	Scott
Highland Township	Treasurer	Glenda	Wieczorek
LaValley Township	Superintendent	Doug	Beltman
LaValley Township	Clerk	Doug	Galbavy
LaValley Township	Chairman	Darren	Pluim
LaValley Township	Treasurer	Debra	Pommier
LaValley Township	Superintendent	Galen	Smidt
Lincoln Township	Chairman	Ric	Morren
Lincoln Township	Treasurer	Julie	Morren
Lincoln Township	Superintendent	Marvin	Reynolds
Lincoln Township	Superintendent	Les	Schmid
Lincoln Township	Clerk	Ryan	Vaksdal
Lynn Township	Chairman	Harlan	Fischer
Lynn Township	Treasurer	Craig	Stearns
Lynn Township	Clerk	Marlene	Sweeter
Lynn Township	Superintendent	Ken	Sweeter
Lynn Township	Superintendent	Karla	Wichers
Norway Township	Superintendent	Robert	Anderson
Norway Township	Clerk	Roger	Clingan
Norway Township	Superintendent	Sam	Roseland
Norway Township	Treasurer	Patricia	Roseland
Norway Township	Chairman	Jason	Tweedt
Perry Township	Superintendent	Paul	Feterl
Perry Township	Chairman	Edward	Fett

Township	Position	First Name	Last Name
Perry Township	Superintendent	Dave	Stratmeyer
Perry Township	Treasurer	James	Voyles
Perry Township	Clerk	Cheryl	Ziegler
Pleasant Township	Treasurer	Peter	Fahlberg
Pleasant Township	Chairman	Adam	Hansen
Pleasant Township	Superintendent	Michael	Meinzer
Pleasant Township	Clerk	Amber	Paulsen
Pleasant Township	Superintendent	John	Thompson
Springdale Township	Chairman	Tim	Burns
Springdale Township	Clerk	Cheryl	Enger
Springdale Township	Treasurer	Deb	Harris
Springdale Township	Superintendent	Jerry	Lingen
Springdale Township	Superintendent	Mark	Sechser

ATTENDANCE

The following individuals were present at the public meeting:

1. Commissioner Tiffani Landeen
2. Commissioner Jim Schmidt
3. Commissioner Jim Jibbens
4. Commissioner Joel Arends
5. Commissioner Mike Poppens
6. Steven Rasmussen, Commission Administrative Officer
7. Sheri Lund, Auditor
8. Steve Swenson, Sheriff
9. Terry Fluit, Highway Superintendent
10. Jared Narum, Operations Supervisor
11. Philip Christofferson, Delaware Township
12. Tim Burns, Springdale Township
13. Mark Sechser, Springdale Township
14. Betty Otten

PUBLIC COMMENTS

Public meetings are recorded and posted on the *Agenda & Minutes* page at www.lincolncountysd.org. The public meeting for this transportation plan begins at 1:00:21 with a PowerPoint presentation. Questions and/or comments from the public and Commission members are listed below with answers from the Highway Superintendent (not verbatim).

1. Why is cost of bridges more expensive on asphalt roads? Because they are larger and are more intensive.
2. Southeastern should no longer be considered a Springdale Township Road as traffic is approximately 800 to 1,000 vehicles per day. Should not be the Township's responsibility, and want it transferred to someone else.