



Steele County Highway Department

2022-2026 Highway Capital Improvement Plan



November 9, 2021

Table of Contents

Table of Contents.....	i
Executive Summary	1
2021 Construction Highlights	2
Planning Objectives and Project Selection	4
Project Type.....	5
Funding Sources.....	6
Acronyms and Definitions.....	7
Highway Capital Improvement Plan Map - County.....	9
Highway Capital Improvement Plan Map – Owatonna/Medford Area.....	11
Annual Project Expenditures and Funding	13
Unscheduled Projects	19
Project Reports by Construction Year	21
Pavement Condition Index Maps.....	95
Pavement Conditions 2008-2020 Summary	103
Bridge Sufficiency Ratings/Local Planning Index	105
Prioritized Bridge Replacement List	106

On the cover: The CSAH 34 (26th Street) and CSAH 45 (State Avenue) intersection was reconstructed with a roundabout in 2021. Also, to the east of the intersection, CSAH 34 (26th Street) pavement markings were reconfigured and upgraded.

Executive Summary

Per the Steele County Highway Department's mission statement, the department provides a safe, efficient, coordinated transportation system that is responsive to community values and meets the needs of all users within resource limitations.

To help accomplish this, the department prepares a five-year Capital Improvement Plan to effectively maintain and improve the infrastructure for which the department is responsible. The plan is developed by the County Engineer and highway department staff to aid with budgeting, planning, programming, project development, design and construction of highway and bridge improvement projects. The plan is then presented to the Public for input and to the County Board for review and approval.

The highway infrastructure consists of over 377 centerline miles of road and 129 bridges. The county highway system is categorized by funding source. The County State Aid Highway (CSAH) system, a network of key highways, consists of 313 miles of the system. County Roads (CR) consist of 64 miles of the system. Gas tax revenue is distributed by the State of Minnesota to assist in the construction and maintenance of the County State Aid Highways. The local property tax levy, wheelage tax, and local sales tax are sources of funding for the construction and maintenance of all county roads.

This plan lists the projects the Department intends on completing in the next five years. The Department annually reviews and updates the five-year Capital Improvement Plan which allows the staff, board and public the opportunity to reassess the plan and make adjustments due to changes in budget constraints, highway conditions, public input, goals and priorities. The plan is intended to be flexible, recognizing some projects take significant time, resources and coordination to implement. Until projects are approved by the county board as part of the annual budget, the projects shown are tentative.

2021 Construction Highlights

The Steele County Highway Department completed several projects from the 2021-2025 Capital Improvement Plan to maintain and improve the highway system. Highlights from 2021 include:

CSAH 2 & Waseca Co CSAH 14 (Waseca to Owatonna) Safety

This joint project with Waseca County paved shoulders and installed shoulder rumble strips as part of the federally funded Highway Safety Improvement Program to improve the highway's safety.



CSAH 7 (CSAH 29 to CSAH 32), CSAH 29 (Waseca County Line to CSAH 7), & CSAH 43 (CSAH 18 to US 14)

These projects reclaimed the existing pavement, widened shoulders, completed drainage improvements, placed new bituminous pavement, and regraded shoulders to restore the pavement condition.

CSAH 34 at CSAH 45 Roundabout

The project reconstructed the signalized intersection with a roundabout to improve safety and traffic flow. (Pictured on the cover)

CSAH 45 (Freeborn County Line to CSAH 4)

The project resurfaced 7.5 miles of CSAH 45 and added paved shoulders and shoulder rumble strips, improving safety, and restoring the pavement condition.



CSAH 45 in the City of Medford

This project lead by the City of Medford replaced city water main and services, added sidewalk and upgraded existing facilities to meet ADA requirements, and resurfaced the road. The final road surface will be completed in 2022.



Bridge 74J25, CR 198 over Rush Creek

The project constructed two concrete box culverts (16 foot x 9 foot and 16 foot x 8 foot), replacing a rapidly deteriorating and structurally deficient 52' slab span timber structure. The existing structure had been load posted.



Planning Objectives and Project Selection

In preparing this plan, the department considers four major objectives of highway improvement projects.

1. Highway Safety
2. Preservation and Maintenance
3. Rehabilitation
4. Operational/Capacity improvements

Overall, the department's strategy is to combine as much as possible, the four planning objectives into every project to maximize benefits and minimize costs. As various projects are considered, their scope of work and schedule are determined and prioritized by several factors including but not limited to:

- Crash history and safety
- Preservation of existing infrastructure
- Funding availability
- Traffic volume and highway functional classification
- Cost participation by others
- Project grouping to minimize mobilization costs
- Maintenance costs
- Municipal input
- Public input
- Economic opportunity
- Pavement Condition Index ratings

The department has several reports that have been prepared to determine the current and future needs of the county. The department uses these reports to also guide the preparation of the Capital Improvement Plan. The reports include:

- Steele County Transportation Plan 2020-2040
- Steele County Transportation Plan 2005 – 2025
- Steele County: County Roadway Safety Plan, August 2012
- CSAH 34 Traffic & Infrastructure Improvement Needs Study, April 2015
- Owatonna Beltline Corridor Study, December 2011
- Steele County: Road Safety Audit, August 2006
- Americans with Disabilities Act Transition Plan 2020

Project Type

In improving the highway system, the department has defined several levels of improvement that can be applied to a segment of highway and that define a project's scope.

Maintenance

Maintenance is work of a short-term nature to preserve the highway or bridge. Maintenance includes basic work such as patching, crack sealing cracks, or chip seal. It would not typically include improvements to upgrade facilities to meet Americans with Disabilities Act standards.

Resurfacing

Resurfacing is putting a new surface on an existing pavement to provide better riding surface or extend the pavement life. It generally involves no other improvements other than minor improvements such as culvert replacements, beam guard replacements, signing improvements, and Americans with Disabilities Act facility upgrades.

Rehabilitation

Rehabilitation projects usually involve pavement replacement without significantly changing the subgrade. Pulverizing an existing asphalt pavement and replacing the pavement is an example often utilized by the department. Projects may include other work such as pavement widening, improvement of an isolated grade, curve, intersection or sight distance problem to improve safety, drainage improvements, Americans with Disabilities Act facility upgrades, or other minor improvements.

Reconstruction

Reconstruction is the total rebuilding of an existing highway to improve maintainability, safety, geometrics and traffic service.

Operational/Safety

Operational or Safety project may include improvements such as traffic signal upgrades, reconfiguration of lanes, isolated improvements such as an intersection, isolated grade, or curve reconstruction to improve operations or safety.

Expansion

Expansion includes the same types of work associated with reconstruction, but also involves the construction of additional through travel lanes. In some cases, expansion may include construction of a new highway on a new alignment.

Bridge Rehabilitation

Bridge Rehabilitation is the preservation or restoration of the structural integrity of an existing bridge as well as work to correct safety defects.

Bridge Replacement

Bridge Replacement is the building of a new bridge to replace an existing bridge.

Funding Sources

There are several sources of funding for highway improvement projects. Some of these sources require a local cost share but bring significant funds into the improvement program. The sources include:

Tax levy

County funds generated by property taxes.

County State Aid Highway – Regular and Maintenance

State aid funding is administered by MnDOT's State Aid for Local Transportation Division. CSAH funds can be used towards assisting in road construction, improvements and maintenance of highways on the state aid system (Minnesota Statutes 162.08).

County State Aid Highway - Municipal

State aid funding is administered by MnDOT's State Aid for Local Transportation Division. CSAH funds can be used towards road construction and improvements of highways on the state aid system (Minnesota Statutes 162.08) located in cities having a population of less than 5,000.

Bridge Bonding & Township Bridge

The Local Bridge Replacement Program provides local agencies funding for the reconstruction, rehabilitation or removal of bridges or structures. The program is financed by specific legislation allocating general obligation state bond funds under Minnesota Statutes 174.51 and is administered by the MnDOT State Aid for Local Transportation Division.

Wheelage Tax Revenue

The wheelage tax is a tax added to a vehicle registration fee. The Steele County Board of Commissioners approved the wheelage tax beginning in 2014 to fund needed transportation projects in accordance with Minnesota Statute 163.051.

State Park Road Account

The State Park Road Account helps local governments improve local roads that access state public recreation facilities. The program is jointly administered by the Minnesota Department of Natural Resources and MnDOT's State Aid for Local Transportation Division.

Sales Tax Revenue

In 2014, Steele County Board of Commissioners approved a 0.5 percent transit sales and use tax in accordance with Minnesota Statute 297A.993. The revenues fund road improvements as identified in the Steele County Capital Improvement Plan.

Highway Safety Improvement Program

The Federal Highway Safety Improvement Program (HSIP) goal is to significantly reduce traffic fatalities and serious injuries on all public roads and roads on tribal lands. Federal HSIP funding is distributed to each MnDOT district based on the proportion of fatal and serious injury crashes occurring in the district.

Federal Funds

Federal aid funding may be used by states and local agencies for preservation, reconstruction or construction on any federally eligible highway, bridge/tunnel, pedestrian/bicycle facility, and transit capital facility.

Acronyms and Definitions

Average Daily Traffic (ADT)

The bi-directional estimate of total vehicles traveling on a road segment during a 24-hour period.

County Road (CR)

Roads locally maintained by the county highway department, but not part of the County State Aid Highway system.

County State Aid Highway (CSAH)

County roads dedicated as part of the state aid system. County State Aid routes receive authorized financial support from the County State Aid Highway Fund.

Functional Classification

Roads are organized into Functional Classifications according to the type of service they provide. The two services a road can provide are mobility from one point to another and access to adjacent land.

Arterial – Roads that provide for a faster or more direct mode of travel, but have less access to adjacent land.

Collector – Roads that gather traffic from local roads and funnels them to the arterial network. They balance both the traffic circulation and the land access roles. Most county roads are collectors.

Local – Roads that serve primarily to provide access to adjacent land.

Legal Load Limit

The axle weight limit a road is designed for.

Local Planning Index (LPI)

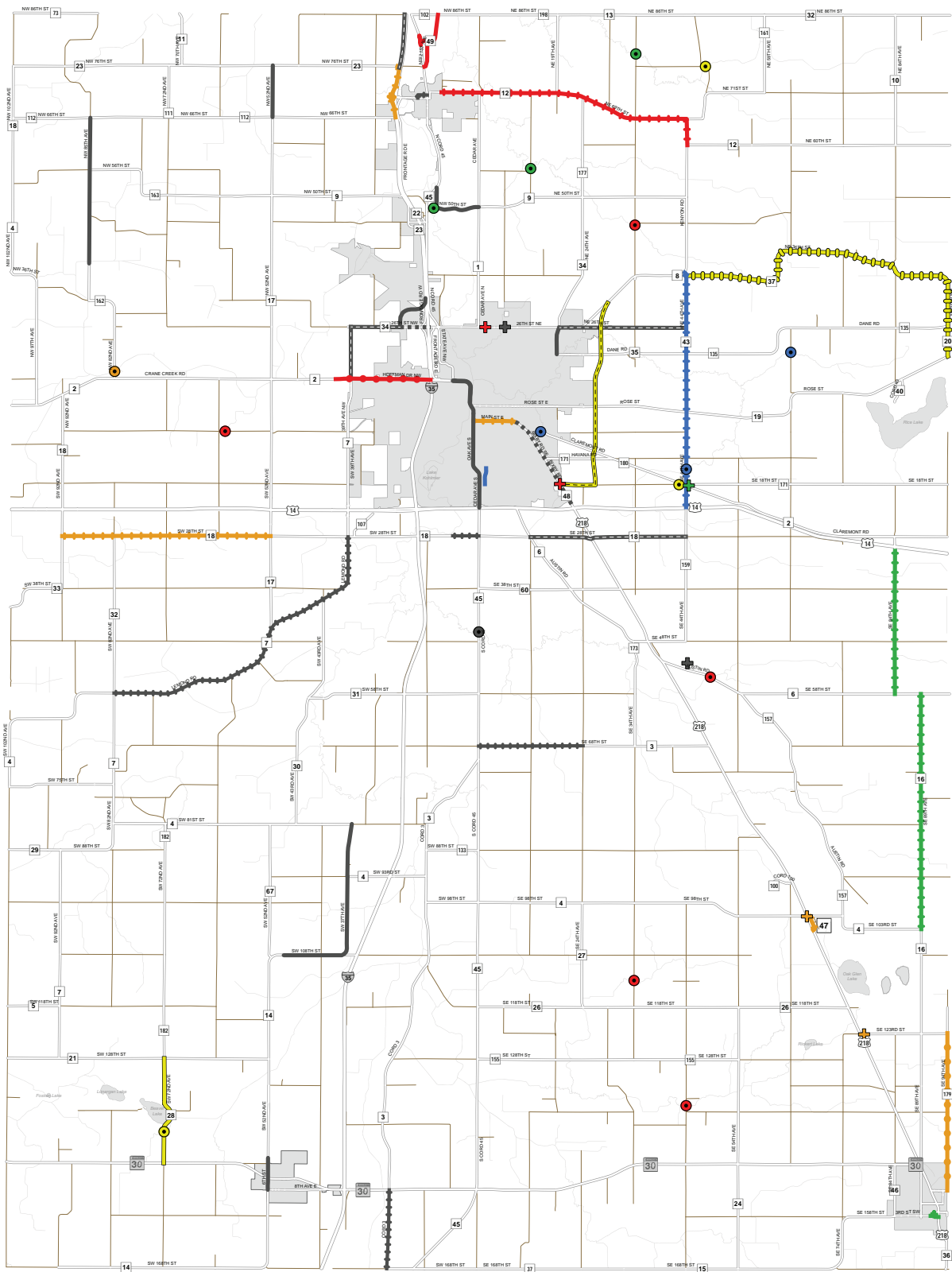
Measurement of the bridge's condition on a 1-100 point scale, factoring both the consequence of a service interruption and the probability of service interruption. Replaces the Sufficiency Rating system which used a similar 1-100 point scale.

Minnesota Department of Transportation (MnDOT)

State agency that builds and maintains the state trunk highway network, including I-35, US 14, US 218, Minnesota 30. Also administers several funding programs that the county uses for the construction and maintenance of county highways.

Pavement Condition Index (PCI)

MnDOT collects pavement condition data using a digital inspection vehicle with multiple sensors that collect pavement condition information, including roughness and distresses. That information is compiled to make up the Pavement Condition Index (PCI) rating the roadway on a 0-100 scale, with higher numbers indicating better pavement condition. The PCI ratings are determined for each segment of highway and are shown on the Pavement Condition Index maps following.

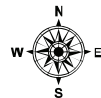


Project Year

- 2022
- 2023
- 2024
- 2025
- 2026
- Year TBD

Project Type

- Rehabilitation
- Operational
- Reconstruction
- Expansion
- Maintenance/Resurface
- Bridge Improvements
- Intersection Improvements



0 1 2 Miles



2022 - 2026 Highway Capital Improvement Plan

Annual Project Expenditures and Funding

2022	Bridge Funding - Fund 29	Federal Funds	Fund Balance	MnDOT Local Partnership Program	Other Local	Sales Tax		State Aid	State Aid Maintenance	State Aid Municipal	State Park Funds	To Be Determined	Township Bridge	Wheelage Tax Revenue	Grand Total
						Revenue	Revenue								
Construction															
	34th Avenue SE Bridge (Replaces <10ft)				20,000								180,000		200,000
	Bridge 74504 - SE 44th Ave over Straight River				20,000								180,000		200,000
	Bridge 92779 - CSAH 6 over unnamed ditch	75,000						100,000							175,000
	Bridge 95975 - SW 8th St over Ditch				20,000								180,000		200,000
	Bridge L3951 - NE 34th Ave over Medford Cr				20,000								180,000		200,000
	County-wide Maintenance Overlays								980,000						1,300,000
	County-wide Seal Coat													738,000	738,000
	CSAH 12 (Union Pacific Railroad to CSAH 8)						2,215,000								2,215,000
	CSAH 2 (CSAH 7 to I-35)				225,000		675,000								900,000
	CSAH 34 at Landmark Dr		50,000											50,000	50,000
	CSAH 37 (CSAH 8 to CSAH 19)				50,000			400,000							450,000
	CSAH 48 at 18th Street SE Roundabout				1,200,000			600,000							1,800,000
	CSAH 49 (CSAH 45 to CR 198)							3,700,000							3,700,000
	Curve Delineation		184,140					20,460							204,600
	Signal Maintenance and Upgrades			100,000		100,000									200,000
Design Engineering															
	CSAH 28 (CSAH 21 to TH 30)							150,000							150,000
	CSAH 48 - Main St (CSAH 45 to Chambers Ave)				50,000			150,000							200,000
Preliminary Engineering															
	CSAH 43/CR 171 (East)/CR 180		150,000												150,000
	East Side Corridor (29th Ave)		200,000												200,000
Right of Way															
	Bridge 92779 - CSAH 6 over unnamed ditch			2,500											2,500
2022 Total		75,000	384,140	302,500		1,705,000	3,530,460	4,800,000	980,000				720,000	738,000	13,235,100

Annual Project Expenditures and Funding

2023	Bridge Funding - Fund 29	Federal Funds	Fund Balance	MnDOT Local Partnership Program	Other Local	Sales Tax Revenue	State Aid	State Aid Maintenance	State Aid Municipal	State Park Funds	To Be Determined	Township Bridge	Wheelage Tax Revenue	Grand Total
Construction														
	720,000	354,400				130,000	40,000							850,000
								1,300,000						394,400
								52,000					338,000	1,300,000
					150,000	150,000								390,000
						144,000								300,000
							75,000							144,000
							1,540,000							75,000
							600,000							1,540,000
				150,000			150,000							600,000
				100,000			100,000							300,000
						400,000								200,000
					500,000	1,000,000	500,000							400,000
														2,000,000
Design Engineering														
												25,000		25,000
												25,000		25,000
												20,000		20,000
												25,000		25,000
						150,000								150,000
						600,000								600,000
Right of Way														
			2,500											2,500
						100,000								100,000
						200,000								200,000
						650,000								650,000
Utility														
						10,000								10,000
						100,000								100,000
2023 Total	720,000	354,400	2,500	250,000	650,000	3,634,000	3,005,000	1,352,000				95,000	338,000	10,400,900

Annual Project Expenditures and Funding

2024	Bridge Funding - Fund 29	Federal Funds	Fund Balance	MnDOT Local			Other Local	Sales Tax Revenue	State Aid	State Aid Maintenance	State Aid Municipal	State Park Funds	To Be Determined	Township Bridge	Wheelage Tax Revenue	Grand Total
				Fund	Partnership Program											
Construction																
	Bridge 89080 - CSAH 28 over Unnamed Ditch	75,000						100,000								175,000
	Bridge 95786 - SE 18th St over ditch					20,000								155,000		175,000
	Bridge L5573 - Twp 95 over Straight River					20,000								70,000		90,000
	Bridge L5798 - NE 76th St over Rush Creek					20,000								155,000		175,000
	County-wide Maintenance Overlays								1,300,000							1,300,000
	County-wide Seal Coat								52,000						338,000	390,000
	CSAH 28 (CSAH 21 to TH 30)						2,000,000	0				1,000,000				3,000,000
	CSAH 37 (CSAH 8 to CSAH 19)					300,000		2,200,000								2,500,000
	East Side Corridor (29th Ave)		2,000,000			500,000		1,500,000								4,000,000
	Signal Maintenance and Upgrades					200,000	200,000									400,000
Design Engineering																
	Bridge 4686 - CR 180 over Izaak Walton Cr						300,000									300,000
	Bridge 74519 - CSAH 43 over Ditch							50,000								50,000
	Bridge 74524 - NE 14th Ave over Medford Cr													25,000		25,000
Right of Way																
	Bridge 74519 - CSAH 43 over Ditch							5,000								5,000
	CSAH 43/CR 171 (East)/CR 180						200,000									200,000
Utility																
	CSAH 43/CR 171 (East)/CR 180						10,000									10,000
2024 Total		75,000	2,000,000			1,060,000	2,710,000	3,855,000	1,352,000	1,000,000		1,000,000		405,000	338,000	12,795,000

Annual Project Expenditures and Funding

2025	Bridge Funding - Fund 29	Federal Funds	Fund Balance	MnDOT Local Partnership Program	Other Local	Sales Tax Revenue	State Aid	State Aid Maintenance	State Aid Municipal	State Park Funds	To Be Determined	Township Bridge	Wheelage Tax	
													Revenue	Grand Total
Construction														
	Bridge 74507 - NE 34th Ave over Rush Cr				20,000							180,000		200,000
	Bridge 74524 - NE 14th Ave over Medford Cr				20,000							180,000		200,000
	County-wide Maintenance Overlays							1,300,000						1,300,000
	County-wide Seal Coat							52,000					338,000	390,000
	CSAH 15 (2nd Ave SE to US 218)								200,000					200,000
	CSAH 16 (CSAH 4 to CSAH 6)					800,000	700,000							1,500,000
	CSAH 16 (CSAH 6 to TH 14)					500,000	500,000							1,000,000
	CSAH 43 (US 14 to CSAH 8)					200,000								200,000
	CSAH 43/CR 171 (East)/CR 180					1,000,000	875,000							1,875,000
	East Side Corridor (29th Ave)	2,000,000			500,000		1,500,000							4,000,000
Design Engineering														
	Bridge 6743 - CSAH 45 over Turtle Creek					65,000								65,000
	Bridge L8592 - NE 64th Ave over Maple Cr											25,000		25,000
	CR 174 Elm Ave (18th St SE to Park St)					54,000								54,000
	CSAH 23 (CSAH 34 to Airport) Realignment					150,000								150,000
	East Side Corridor (29th Ave)					300,000								300,000
Preliminary Engineering														
	CSAH 23 (CSAH 34 to Airport) Realignment					150,000								150,000
Right of Way														
	Bridge 4686 - CR 180 over Izaak Walton Cr				12,500	37,500								50,000
2025 Total		2,000,000			552,500	3,256,500	3,575,000	1,352,000	200,000			385,000	338,000	11,659,000

Annual Project Expenditures and Funding

2026	Bridge Funding - Fund 29	Federal Funds	Fund Balance	MnDOT Local Partnership Program	Other Local	Sales Tax Revenue	State Aid	State Aid Maintenance	State Aid Municipal	State Park Funds	To Be Determined	Township Bridge	Wheelage Tax Revenue	Grand Total
Construction														
	Bridge 4686 - CR 180 over Izaak Walton Cr	300,000			250,000	750,000	320,000				5,000,000			6,300,000
	Bridge 74519 - CSAH 43 over Ditch	125,000										180,000		445,000
	Bridge L8592 - NE 64th Ave over Maple Cr				20,000			1,300,000						200,000
	County-wide Maintenance Overlays													1,300,000
	County-wide Seal Coat							52,000					338,000	390,000
	CR 174 Elm Ave (18th St SE to Park St)					540,000								540,000
	CSAH 18 (UPRR to CSAH 45)					50,000								50,000
	CSAH 3 (CSAH 45 to 24th Ave)					75,000								75,000
	CSAH 3 (Freeborn Co to MN 30)					50,000								50,000
	CSAH 43 (US 14 to CSAH 8)					1,000,000	1,080,000							2,080,000
	East Side Corridor (29th Ave)	500,000			750,000		2,250,000							3,500,000
	Signal Maintenance and Upgrades				200,000	200,000								400,000
Design Engineering														
	CSAH 34 (Future CSAH 7 to 24th Ave NW)					150,000								150,000
	CSAH 7 (CSAH 2 to CSAH 34)					150,000								150,000
Right of Way														
	CSAH 23 (CSAH 34 to Airport) Realignment					480,000								480,000
2026 Total		925,000			1,220,000	3,445,000	3,650,000	1,352,000			5,000,000	180,000	338,000	16,110,000

Unscheduled Projects

These are projects that are not programmed for construction in this five-year plan. They are projects that have been identified as a current or future need from various sources such as the 20-year Transportation Plan, corridor studies, public and staff input, etc. Some of the projects may have the initial engineering costs programmed in the five-year plan and could be implemented soon after. Other projects may not currently meet the criteria to be implemented at this time or lack funding or other priorities.

Project Name	Project Type	Length	Unscheduled Amount
Bridge 6743 - CSAH 45 over Turtle Creek	Bridge Replacement	0	600,000
CR 162 (NW 30th St to CR 112)	Rural Reconstruction	2.8	4,700,000
CSAH 14 (2300 ft east of CSAH 67 to CSAH 4)	Rural Reconstruction	2.5	4,275,000
CSAH 14 (CSAH 38 8th Ave to 1448th St)	Urban Reconstruction	0.7	2,200,000
CSAH 17 (CSAH 12 to CSAH 23)	Rural Reconstruction	1	1,700,000
CSAH 18 (CSAH 6 to CSAH 43)	Expansion	3	6,725,000
CSAH 18 (UPRR to CSAH 45)	Rehabilitation	0.55	270,000
CSAH 20 (1st Ave NW)	Rehabilitation	0.25	100,000
CSAH 23 (CSAH 34 to Airport) Realignment	Rural Reconstruction	0	3,530,000
CSAH 3 (CSAH 45 to 24th Ave)	Rehabilitation	2	875,000
CSAH 3 (Freeborn Co to MN 30)	Rehabilitation	1.5	650,000
CSAH 34 (24th Ave to CR 190 E. Frontage Rd)	Operational	0.7	6,040,000
CSAH 34 (Future CSAH 7 to 24th Ave NW)	Expansion	1	1,920,000
CSAH 34 at St Paul Road	Operational	NA	1,650,000
CSAH 4 (CSAH 14 to 32 Ave)	Urban Reconstruction	1	4,280,000
CSAH 45 (TH 14 to State Ave)	Urban Reconstruction	2.5	12,550,000
CSAH 48 (US 218 to Chambers Ave)	Operational	2.14	1,700,000
CSAH 6 at US 218	Safety	1	2,200,000
CSAH 7 (CSAH 2 to CSAH 34)	Expansion	1	1,980,000
CSAH 7 (CSAH 32 to CSAH 18)	Rehabilitation	6.1	900,000
CSAH 8 Kenyon Rd (CSAH 35 to CSAH 34)	Urban Reconstruction	0.6	2,840,000
CSAH 9 (CSAH 45 to CSAH 1)	Rural Reconstruction	1.2	2,080,000
Future CSAH 34 (CSAH 8 to CSAH 43)	Expansion	2.6	9,080,000
West Frontage Road Extension	Expansion	1	2,000,000
			74,845,000

Construction Year: 2022

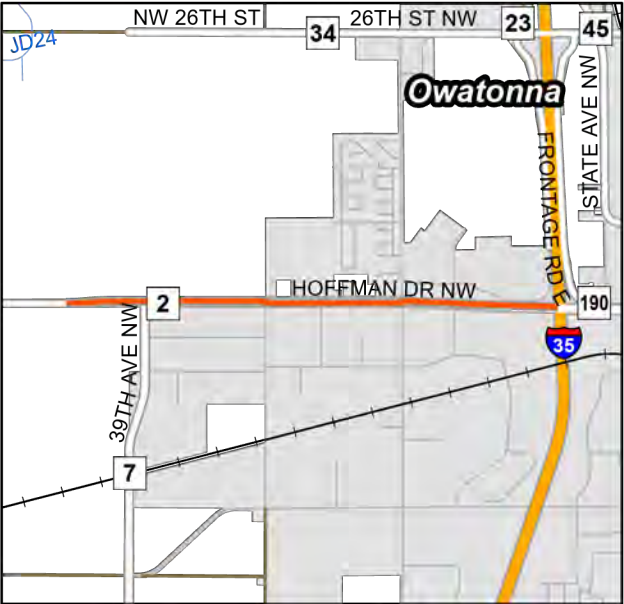
CSAH 2 (CSAH 7 to I-35)
City of Owatonna

Project Number	Project Type
SAP 074-602-003	Maintenance

Functional Classification
Minor Arterial

Pavement Condition Index	ADT Existing	Legal Load Limit	Length
56	5200 - 14900	10-ton	1.84

Project Description
Project will patch concrete pavement.



Project Justification
To preserve the existing infrastructure and extend the pavement life.

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Other Local		225,000						225,000
Sales Tax Revenue		675,000						675,000
Total		900,000						\$900,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction		900,000						900,000
Total		900,000						\$900,000

Construction Year: 2022

CSAH 12 (Union Pacific Railroad to CSAH 8)

Merton Township

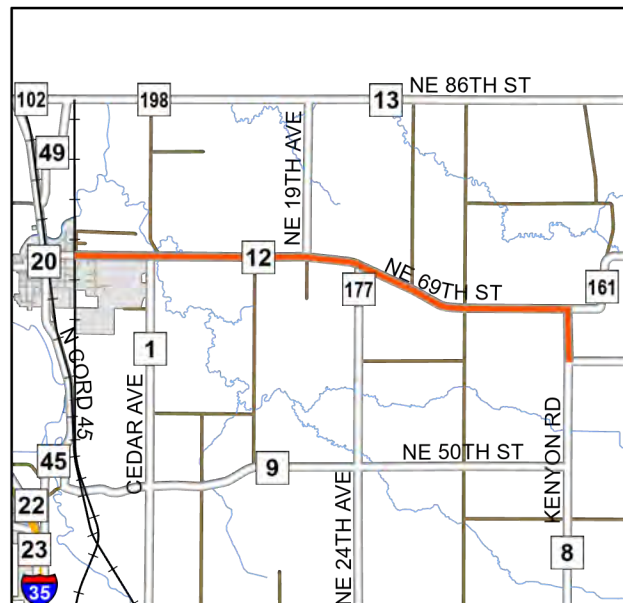
Project Number	Project Type
SAP 074-612-042	Rehabilitation

Functional Classification
Major Collector

Pavement Condition Index	ADT Existing	Legal Load Limit	Length
56	1400 (2015)	9 ton	5.31

Project Description

Reclaiming existing pavement and placing new bituminous pavement. In 2021, culverts were replaced and other drainage improvements were completed.



Project Justification

To restore pavement condition. Highway was constructed in 1960 and last overlaid in 2006.

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Sales Tax Revenue	550,000	2,215,000						2,765,000
Total	550,000	2,215,000						\$2,765,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction	550,000	2,215,000						2,765,000
Total	550,000	2,215,000						\$2,765,000

Construction Year: 2022

CSAH 34 at Landmark Dr

City of Owatonna

Project Number		Project Type	
N/A		Safety	
Functional Classification			
Minor Arterial			
Pavement Condition Index	ADT Existing	Legal Load Limit	Length
75	8000 (2019)	10 ton	0.17

Project Description
Remove westbound left turn lane and reconstruct island that prevents southbound left turns.



Project Justification
Westbound left turn lane is not needed by properties to the south. Steele County Access control policy does not allow access as access is available from other streets. The existing island is difficult for motorists to see and does not sufficiently dissuade southbound traffic from making the left turn.

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Fund Balance		50,000						50,000
Total		50,000						\$50,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction		50,000						50,000
Total		50,000						\$50,000

Construction Year: 2022

CSAH 48 at 18th Street SE Roundabout

City of Owatonna

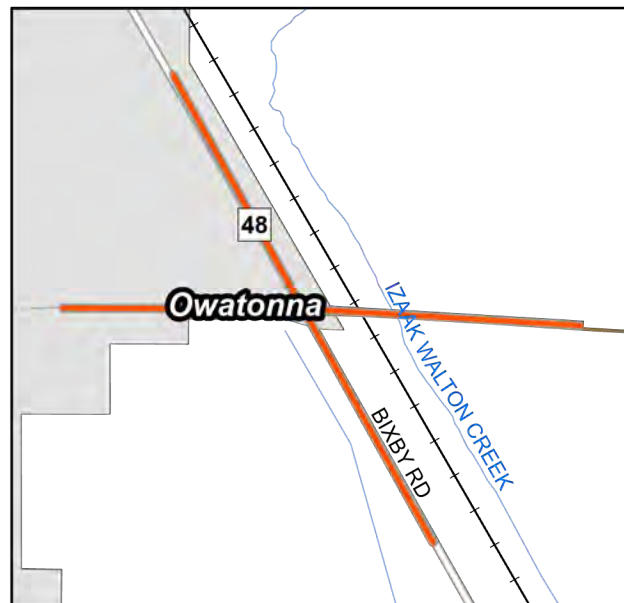
Project Number	Project Type
SAP 074-648-007	Operational

Functional Classification
Minor Arterial

Pavement Condition Index	ADT Existing	Legal Load Limit	Length
63	4200	10-ton	0.65

Project Description

Construct a roundabout at the intersection, currently controlled by side street stop signs. The project will be jointly funded by Steele County, the City of Owatonna, and the Owatonna School District.



Project Justification

The Owatonna school district is building a new high school east of this intersection and had a School Traffic Impact Study completed to identify impacts associated with the proposed development. The study identified significant operational and safety issues associated with the increase in traffic volume expected at the intersection. The expected traffic volume increase would lead to unacceptable traffic delays with the existing infrastructure. Also, given the high speeds along CSAH 48, skewed roadway geometrics, and adjacent railroad crossing, any increase in traffic volume could pose a potential safety risk. The study recommended the best alternative to address these issues is to construct a roundabout before the proposed high school opens in Fall 2023.

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Other Local	166,000	1,200,000						1,366,000
Sales Tax Revenue	84,000							84,000
State Aid		600,000						600,000
Total	250,000	1,800,000						\$2,050,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction		1,800,000						1,800,000
Design Engineering	200,000							200,000
Right of Way	50,000							50,000
Total	250,000	1,800,000						\$2,050,000

Construction Year: 2022

CSAH 49 (CSAH 45 to CR 198)

Medford Township

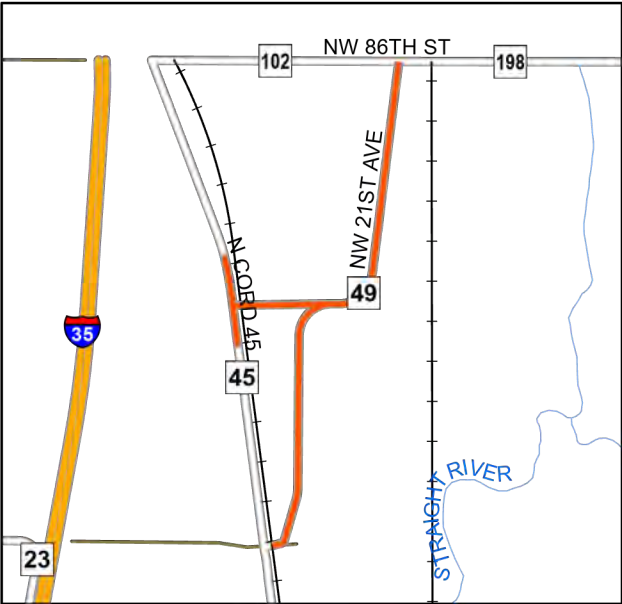
Project Number	Project Type
SAP 074-649-001	Rural Reconstruction

Functional Classification
Major Collector

Pavement Condition Index	ADT Existing	Legal Load Limit	Length
Gravel	1000 (2015)	10 ton	1.87

Project Description

Project will reconstruct the highway to current standards with a paved surface. The intersection with CSAH 45 and rail crossing will be moved to 81st Avenue NW. The segment south of 81st Avenue NW will be turned back to Medford Township after construction.



Project Justification

The gravel road is difficult to maintain with the higher traffic volume and heavy truck traffic in a commercial zoned area. The highway also is an alternate route to Faribault for trucks bypassing CSAH 45 to avoid low clearance under the railroad in Rice County.

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Fund Balance	300,000							300,000
State Aid		3,700,000						3,700,000
Total	300,000	3,700,000						\$4,000,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction		3,700,000						3,700,000
Design Engineering	50,000							50,000
Right of Way	200,000							200,000
Utility	50,000							50,000
Total	300,000	3,700,000						\$4,000,000

Construction Year: 2022

34th Avenue SE Bridge (Replaces <10ft)

Blooming Prairie Township

Project Number	Project Type
SAP 074-599-035	Bridge Replacement

Functional Classification
Local

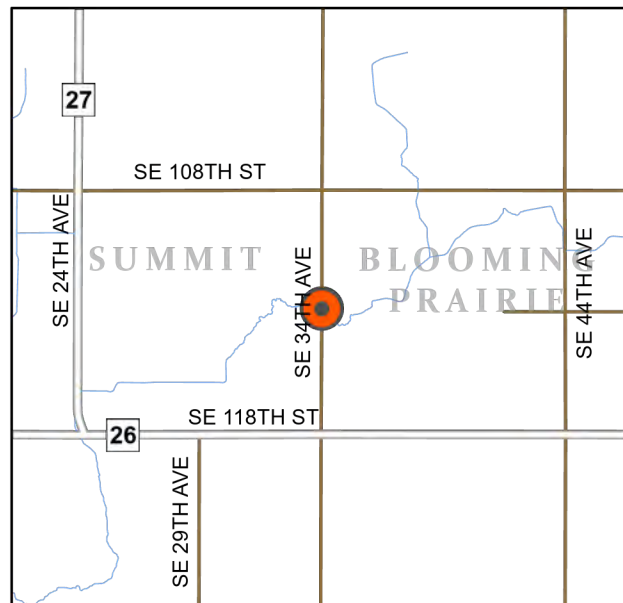
Pavement Condition Index	ADT Existing	Legal Load Limit	Length
Gravel	50		0.02

Project Description

Replace 112" x 80" steel pipe arch culvert with concrete box culvert.

Project Justification

The existing culvert is deteriorating and structurally deficient. The existing structure is not listed on the bridge inventory as its span is not over 10 feet, but a new structure classifies as a bridge.



Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Other Local		20,000						20,000
Township Bridge	20,330	180,000						200,330
Total	20,330	200,000						\$220,330

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction		200,000						200,000
Design Engineering	20,330							20,330
Total	20,330	200,000						\$220,330

Construction Year: 2022

Bridge L3951 - NE 34th Ave over Medford Cr

Clinton Falls and Merton Townships

Project Number	Project Type
N/A	Bridge Replacement

Functional Classification
Local

Pavement Condition Index	ADT Existing	Legal Load Limit	Length
Gravel	25		0.01

Project Description

Replacing existing and deteriorating, 19.5' span, steel pipe arch culvert, built in 1960.



Project Justification

The bridge has a Local Planning Index of 52 out of 100 and is listed as structurally deficient. County Board Resolution on 1/26/2021 places it on the Prioritized Bridge Replacement List.

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Other Local		20,000						20,000
Township Bridge	22,400	180,000						202,400
Total	22,400	200,000						\$222,400

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction		200,000						200,000
Design Engineering	22,400							22,400
Total	22,400	200,000						\$222,400

Construction Year: 2022

Bridge 74504 - SE 44th Ave over Straight River

Blooming Prairie Township

Project Number	Project Type
SAP 074-599-037	Bridge Replacement

Functional Classification
Local Road

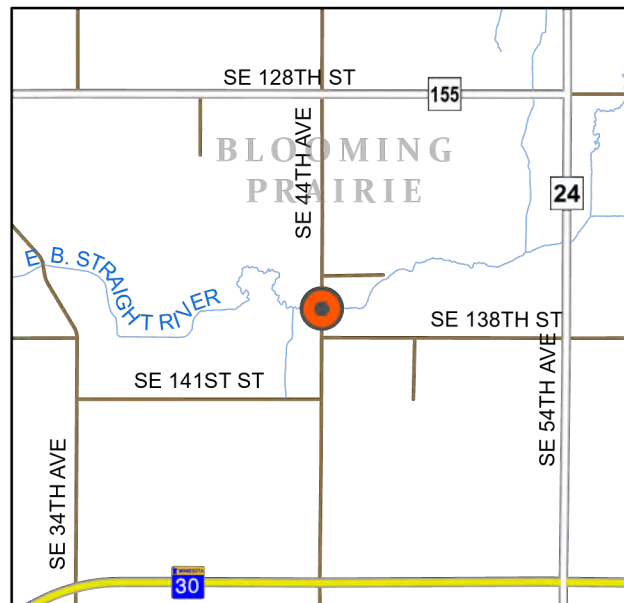
Pavement Condition Index	ADT Existing	Legal Load Limit	Length
Gravel	30		0.12

Project Description

Replacing existing and deteriorating 37-foot span timber bridge built in 1962.

Project Justification

The bridge has a Local Planning Index of 52 out of 100 and is load posted. County Board Resolution on 1/26/2021 places it on the Prioritized Bridge Replacement List.



Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Other Local		20,000						20,000
Township Bridge	21,600	180,000						201,600
Total	21,600	200,000						\$221,600

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction		200,000						200,000
Design Engineering	21,600							21,600
Total	21,600	200,000						\$221,600

Construction Year: 2022

Bridge 92779 - CSAH 6 over unnamed ditch

Aurora Township

Project Number	Project Type
SAP 074-606-015	Bridge Replacement

Functional Classification
Minor Collector

Pavement Condition Index	ADT Existing	Legal Load Limit	Length
83	385	9-ton	0.02

Project Description

Replacing Bridge 92779, a deteriorating 11'5" x 7'3" arch pipe steel, built in 1971. The ditch is a tributary to Turtle Creek and the bridge is 0.9 miles east of US 218.

Project Justification

The bridge has a Local Planning Index of 48 out of 100 and is listed as structurally deficient. County Board Resolution on 1/26/2021 places it on the Prioritized Bridge Replacement List.



Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Bridge Funding - Fund 29		75,000						75,000
Fund Balance		2,500						2,500
State Aid		100,000						100,000
Total		177,500						\$177,500

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction		175,000						175,000
Right of Way		2,500						2,500
Total		177,500						\$177,500

Construction Year: 2022

Bridge 95975 - SW 8th St over Ditch

Meriden Township

Project Number	Project Type
SAP 599-038	Bridge Replacement

Functional Classification
Local Road

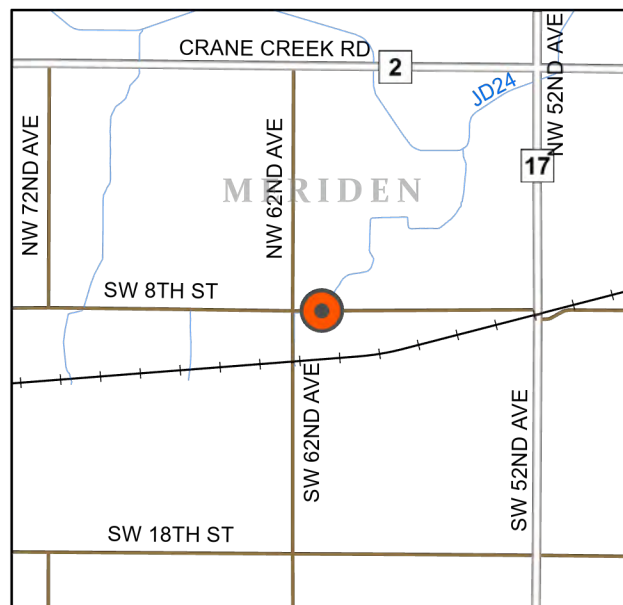
Pavement Condition Index	ADT Existing	Legal Load Limit	Length
NA	47 (2018)		0.15

Project Description

Replacing Bridge 95975, a deteriorating 184" x 111" steel pipe arch structure built in 1983.

Project Justification

The bridge has a Local Planning Index of 55 out of 100 and is listed as structurally deficient. County Board Resolution on 1/26/2021 places it on the Prioritized Bridge Replacement List.



Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Other Local		20,000						20,000
Township Bridge	22,400	180,000						202,400
Total	22,400	200,000						\$222,400

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction		200,000						200,000
Design Engineering	22,400							22,400
Total	22,400	200,000						\$222,400

Construction Year: 2022

Curve Delineation

County wide

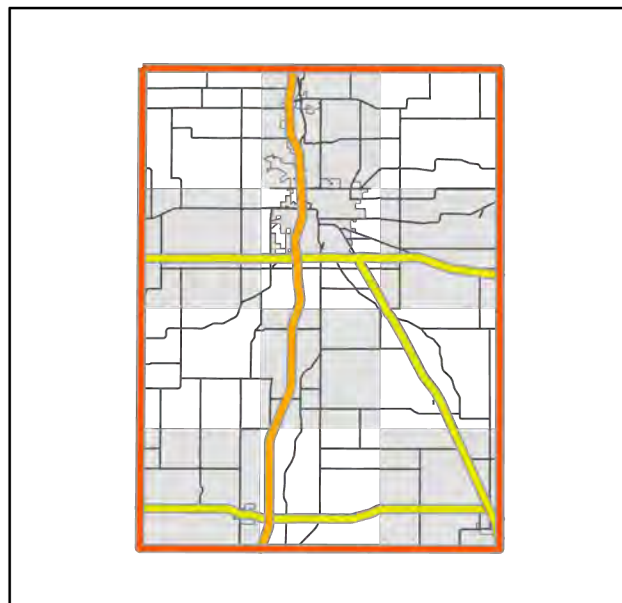
Project Number	Project Type
SP 074-070-005	Safety

Functional Classification

Pavement Condition Index	ADT Existing	Legal Load Limit	Length
NA	Various	NA	84.06

Project Description

Add Chevron signs at 62 curves throughout the county to improve safety. This is a federally funded Highway Safety Improvement Program project.



Project Justification

This project proposes to bundle all the recommended curve chevron projects from the Steele County - County Road Safety Plan in to one project and construction contract. Sixty-two (62) curves on the Steele County Highway system were identified as chevron project candidates in the plan. Some of these curves have existing chevrons, however, it is proposed that this project will evaluate each of those existing installations and replace the chevrons to meet today's standards where needed.



Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Federal Funds		184,140						184,140
Sales Tax Revenue		20,460						20,460
Total		204,600						\$204,600

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction		204,600						204,600
Total		204,600						\$204,600

Construction Year: 2022

Signal Maintenance and Upgrades

City of Owatonna

Project Number	Project Type
CP 074-021-004	Operational

Functional Classification

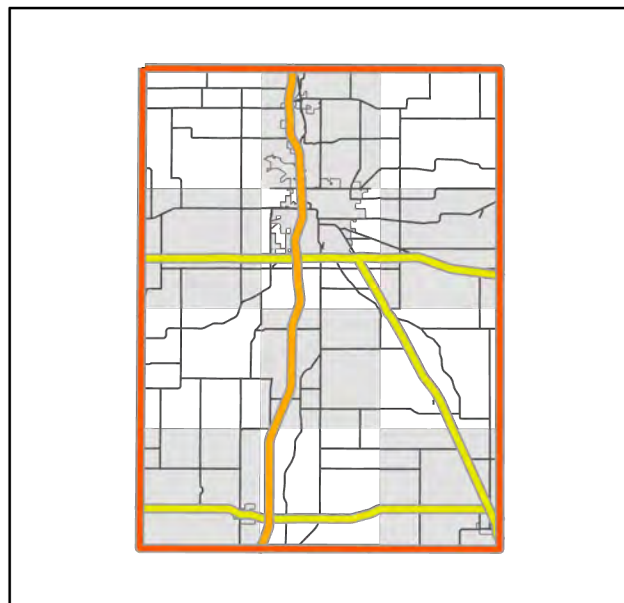
Pavement Condition Index	ADT Existing	Legal Load Limit	Length
NA	Varies	NA	83.94

Project Description

A study completed in 2019 - 2020 outlined significant maintenance needs and operational updates required to update signals to current traffic standards and extend the life of the system. This is a joint ongoing project with the City of Owatonna regarding 22 signals within or near the city limits. Of those signals, 16 are partially or fully owned by the County.

Project Justification

To maintain and modernize the signal infrastructure to current standards and improve traffic operations.



Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Fund Balance		100,000						100,000
Other Local		100,000		200,000		200,000		500,000
Sales Tax Revenue				200,000		200,000		400,000
Total		200,000		400,000		400,000		\$1,000,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction		200,000		400,000		400,000		1,000,000
Total		200,000		400,000		400,000		\$1,000,000

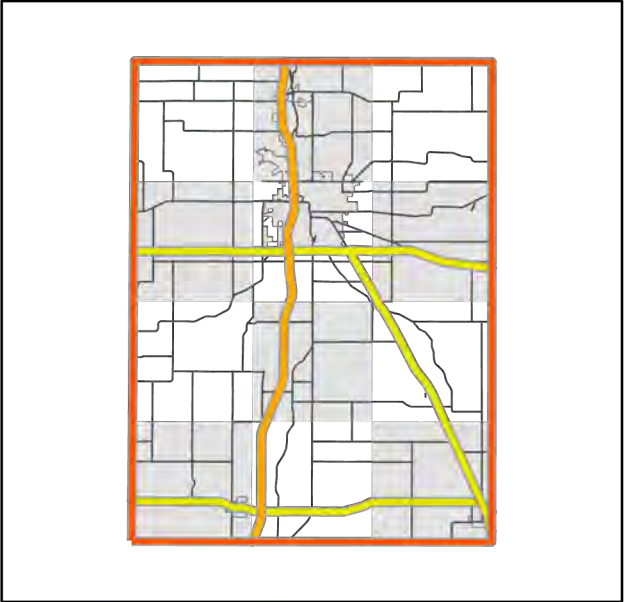
Construction Year: 2022

County-wide Maintenance Overlays

Various

Project Number	Project Type		
CP 074-022-002	Maintenance		
Functional Classification			
Pavement Condition Index	ADT Existing	Legal Load Limit	Length
			84.03

Project Description
These projects are part of an annual program of pavement preservation projects.



Project Justification
These projects are schedule to slow the normal deterioration of the highways to extend the pavement life and maintain the investment in existing infrastructure

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Sales Tax Revenue		320,000						320,000
State Aid Maintenance		980,000						980,000
Total		1,300,000						\$1,300,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction		1,300,000						1,300,000
Total		1,300,000						\$1,300,000

Construction Year: 2022

County-wide Seal Coat

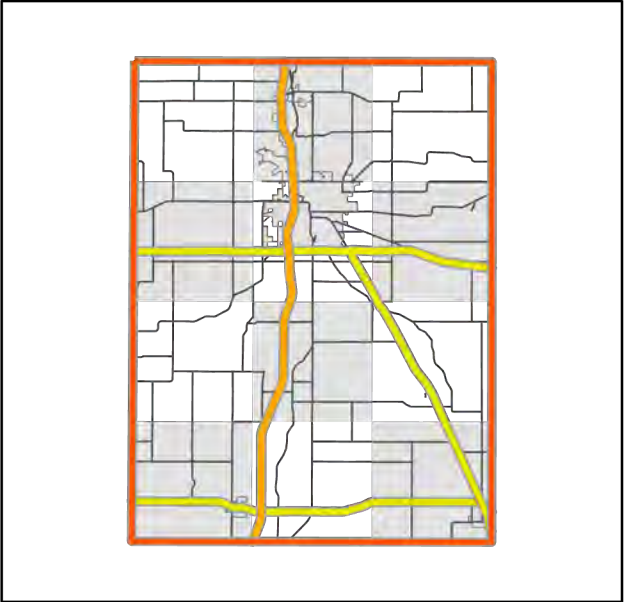
Various

Project Number	Project Type
CP 074-022-003	Maintenance

Functional Classification

Pavement Condition Index	ADT Existing	Legal Load Limit	Length
			84.06

Project Description
These projects are part of an annual program of pavement preservation projects.



Project Justification
These projects are scheduled to slow the normal deterioration of the highways to extend the pavement life and maintain the investment in existing infrastructure.

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Wheelage Tax Revenue		738,000						738,000
Total		738,000						\$738,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction		738,000						738,000
Total		738,000						\$738,000

Construction Year: 2023

CSAH 4 at US 218

Aurora Township

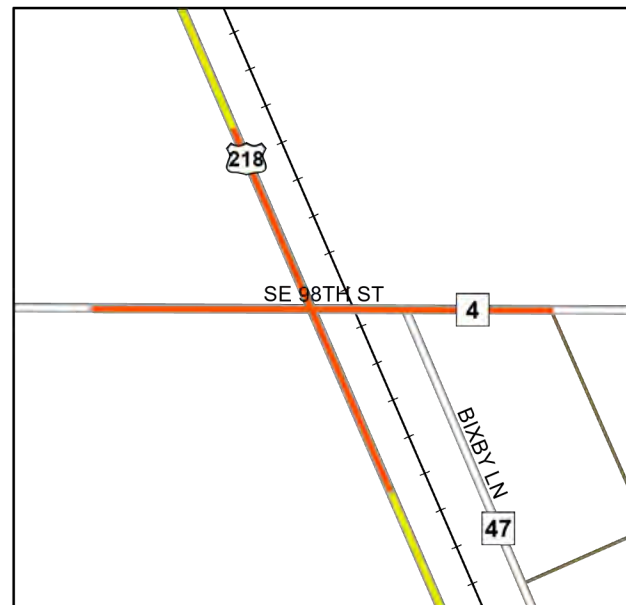
Project Number	Project Type
N/A	Safety

Functional Classification
Major Collector

Pavement Condition Index	ADT Existing	Legal Load Limit	Length
69	355 (2019)	9 ton	0.62

Project Description

Realign intersection. Remove house. Potential to complete as part of MnDOT's US 218 resurfacing project.



Project Justification

Intersection is identified as high risk and listed as high priority by the 2012 County Roadway Safety Plan. The house obstructs sight lines of US 218 creating a hazardous condition. The intersection and railroad crossings are on a skew.

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
MnDOT Local Partnership Program			100,000					100,000
Sales Tax Revenue			200,000					200,000
State Aid			100,000					100,000
Total			400,000					\$400,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction			200,000					200,000
Right of Way			200,000					200,000
Total			400,000					\$400,000

Construction Year: 2023

CSAH 18 (CSAH 33 to CSAH 17)

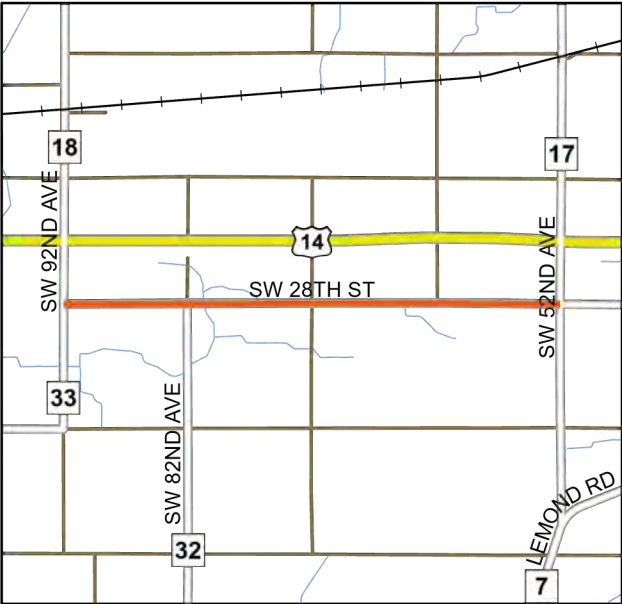
Meriden Township

Project Number	Project Type
SAP 074-618-030	Rehabilitation

Functional Classification
Major Collector

Pavement Condition Index	ADT Existing	Legal Load Limit	Length
47	870	9 ton	4

Project Description
Reclaiming existing pavement and placing new bituminous pavement. In 2021, culverts were replaced and other drainage improvements were completed.



Project Justification
To restore pavement condition.

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Sales Tax Revenue	250,000							250,000
State Aid			1,540,000					1,540,000
Total	250,000		1,540,000					\$1,790,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction	250,000		1,540,000					1,790,000
Total	250,000		1,540,000					\$1,790,000

Construction Year: 2023

CSAH 23 (CSAH 12 west to CSAH 12 east)
City of Medford

Project Number	Project Type
SAP 074-623-014	Rehabilitation

Functional Classification
Major Collector

Pavement Condition Index	ADT Existing	Legal Load Limit	Length
50	2450	9 ton	1.3

Project Description
Project will remove non standard medians and convert to a 3-lane cross section with one lane in each direction and a left turn lane. Project will mill or reclaim existing surface and repave.



Project Justification
To restore pavement and update the roadway to current standards. Medians are not wide enough to hold signs, so signs are regularly knocked down by traffic. Lane shifts do not have sufficient length to meet standards.

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
State Aid			600,000					600,000
Total			600,000					\$600,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction			600,000					600,000
Total			600,000					\$600,000

Construction Year: 2023

CSAH 26 at US 218

Blooming Prairie Township

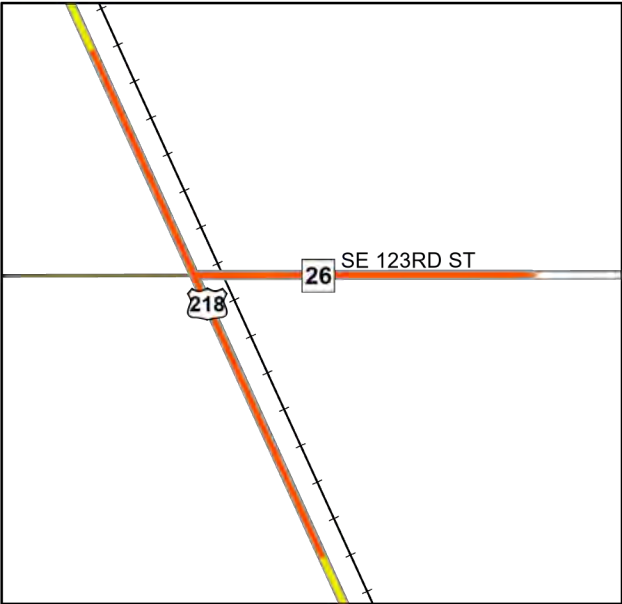
Project Number	Project Type
N/A	Safety

Functional Classification
Local Road

Pavement Condition Index	ADT Existing	Legal Load Limit	Length
75	80 (2019)	9 ton	0.91

Project Description

Project will improve the intersection alignment and railroad crossing alignment. It will also raise US 218 to improve the truck hinge-pin profile across the track. Possible joint project with MnDOT's resurfacing project on US 218 scheduled for 2023.



Project Justification

To improve safety and truck access.

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
MnDOT Local Partnership Program			150,000					150,000
State Aid			150,000					150,000
Total			300,000					\$300,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction			300,000					300,000
Total			300,000					\$300,000

Construction Year: 2023

CSAH 47 (Bixby Lane)

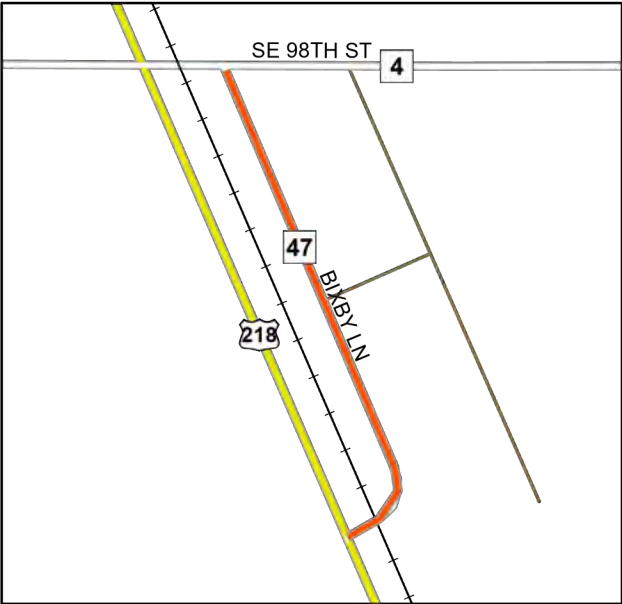
Aurora Township

Project Number	Project Type
N/A	Rehabilitation

Functional Classification
Local Road

Pavement Condition Index	ADT Existing	Legal Load Limit	Length
35	160	9 ton	0.3

Project Description
Improve drainage, reclaim existing pavement and resurface to 10-ton standard.



Project Justification
Pavement is failing and drainage is poor.

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Sales Tax Revenue			400,000					400,000
Total			400,000					\$400,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction			400,000					400,000
Total			400,000					\$400,000

Construction Year: 2023

CSAH 48 - Main St (CSAH 45 to Chambers Ave)
City of Owatonna

Project Number	Project Type
SAP 074-648-008	Rehabilitation

Functional Classification
Minor Arterial

Pavement Condition Index	ADT Existing	Legal Load Limit	Length
36	10,800	10 ton	0.79

Project Description
The project will rehabilitate the concrete pavement, evaluate and propose updates to the turn lane configurations and traffic signals, convert to a 3-lane section, update sidewalks to meet Americans with Disability standards, and other minor improvements.



Project Justification
Restore pavement condition and improve corridor safety.

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Other Local	50,000	50,000	500,000					600,000
Sales Tax Revenue	150,000	150,000	1,000,000					1,300,000
State Aid			500,000					500,000
Total	200,000	200,000	2,000,000					\$2,400,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction			2,000,000					2,000,000
Design Engineering		200,000						200,000
Preliminary Engineering	200,000							200,000
Total	200,000	200,000	2,000,000					\$2,400,000

Construction Year: 2023

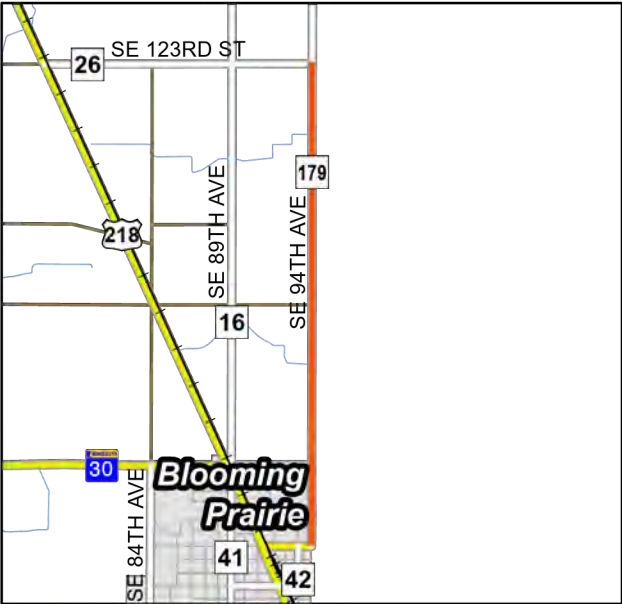
CR 179 (Dodge CR L)
Dodge Co, City of Blooming Prairie, and Blooming Prairie Township

Project Number	Project Type
N/A	Resurfacing

Functional Classification
Local Road

Pavement Condition Index	ADT Existing	Legal Load Limit	Length
70	140 (2013)	9 ton	3.02

Project Description
The joint project is being led by Dodge County. This project is part of an annual program of pavement preservation projects.



Project Justification
This project is scheduled to slow the normal deterioration of the highway to extend pavement life and maintain the investment in existing infrastructure.

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Other Local			150,000					150,000
Sales Tax Revenue			150,000					150,000
Total			300,000					\$300,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction			300,000					300,000
Total			300,000					\$300,000

Construction Year: 2023

Bridge 74513 - CR 162 over Crane Creek
Meriden Township

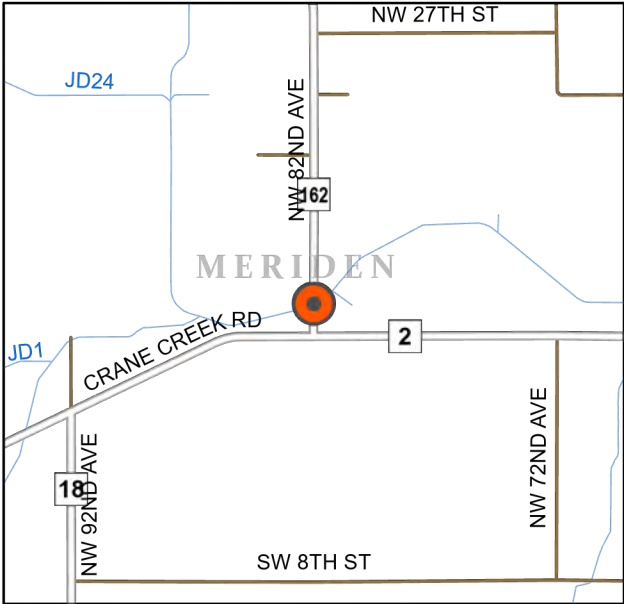
Project Number	Project Type
SAP 074-598-016	Bridge Replacement

Functional Classification
Local Road

Pavement Condition Index	ADT Existing	Legal Load Limit	Length
76	170 (2011)	9 Ton	0.08

Project Description
Replace existing 88-foot timber slab span bridge that was built in 1968.

Project Justification
The bridge has a Local Planning Index of 58 out of 100 and is load posted. County Board Resolution on 1/26/2021 places it on the Prioritized Bridge Replacement List.



Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Bridge Funding - Fund 29			720,000					720,000
Fund Balance	35,000							35,000
Sales Tax Revenue			130,000					130,000
Total	35,000		850,000					\$885,000

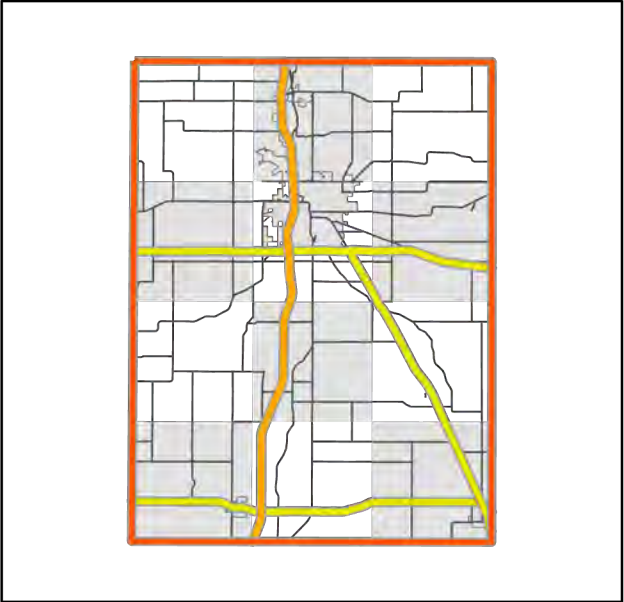
Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction			850,000					850,000
Design Engineering	35,000							35,000
Total	35,000		850,000					\$885,000

County Wide Rumble Strips

Various

Project Number		Project Type	
SAP 074-070-007		Safety	
Functional Classification			
Pavement Condition Index	ADT Existing	Legal Load Limit	Length
			84.06

Project Description
The project will install rumble strips on all County highways that have at least a 1-foot paved shoulder.



Project Justification
The County Road Safety Plan (CRSP) identified that 71% of CSAH/CR severe crashes occurred in rural areas, 65% of non-intersection crashes were run off the road, and 56% of the CSAH/CR severe rural, nonintersection related were severe run off the road crashes. Installing shoulder rumble strips is the top strategy identified to address these crashes which are a significant portion of the County’s crashes. This project will provide this strategy on nearly a third of the Steele County rural roadway system to address those crashes.

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Federal Funds			354,400					354,400
State Aid			40,000					40,000
Total			394,400					\$394,400

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction			394,400					394,400
Total			394,400					\$394,400

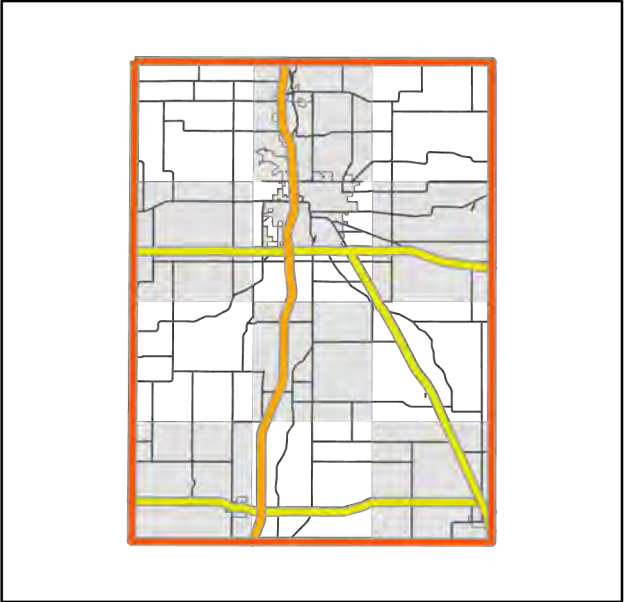
Construction Year: 2023

County-wide Maintenance Overlays

Various

Project Number	Project Type		
CP 074-023-002	Maintenance		
Functional Classification			
Pavement Condition Index	ADT Existing	Legal Load Limit	Length
			84.06

Project Description
These projects are part of an annual program of pavement preservation projects.



Project Justification
These projects are scheduled to slow the normal deterioration of the highways to extend the pavement life and maintain the investment in existing infrastructure.

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
State Aid Maintenance			1,300,000					1,300,000
Total			1,300,000					\$1,300,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction			1,300,000					1,300,000
Total			1,300,000					\$1,300,000

Construction Year: 2023

County-wide Seal Coat

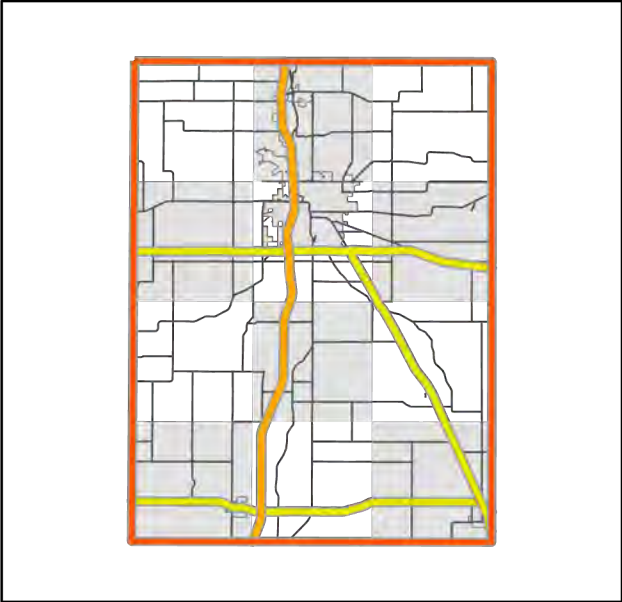
Various

Project Number	Project Type
CP 074-023-003	Maintenance

Functional Classification

Pavement Condition Index	ADT Existing	Legal Load Limit	Length
			84.06

Project Description
These projects are part of an annual program of pavement preservation projects.



Project Justification
These projects are scheduled to slow the normal deterioration of the highways to extend the pavement life and maintain the investment in existing infrastructure.

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
State Aid Maintenance			52,000					52,000
Wheelage Tax Revenue			338,000					338,000
Total			390,000					\$390,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction			390,000					390,000
Total			390,000					\$390,000

Construction Year: 2024

East Side Corridor (29th Ave)

City of Owatonna & Owatonna Township

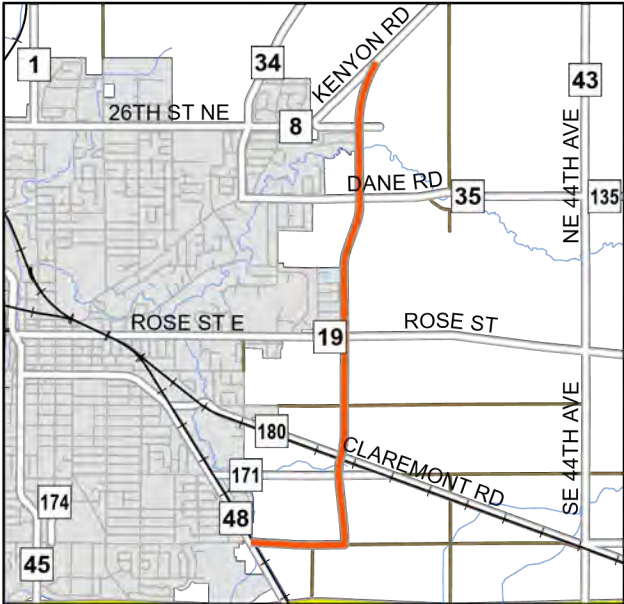
Project Number	Project Type
CP 074-021-006	Expansion

Functional Classification
NA

Pavement Condition Index	ADT Existing	Legal Load Limit	Length
NA	NA	NA	4.21

Project Description

Constructs a north-south route on the east side of the City of Owatonna from near the US 218/18th Street SE intersection to CSAH 34 (26th Street NW). The project could be built in stages over a couple of years.



Project Justification

Traffic has no direct route to traveling between the northeast part and the southeast part of Owatonna. All existing highways and streets direct traffic towards the downtown area adding unnecessary traffic in the downtown area and increasing travel times. In 1999, Steele County and the City of Owatonna recorded an Official Map of a future north-south road from 26th Street to US 14, calling it the East Side Corridor. In 2005, the County recorded an Official Map of the Owatonna Beltline, consisting in part of CSAH 43 to the east. While CSAH 43 will have connections to US 14 and will provide a north-south connection for future growth, it does not provide benefits for current needs of traffic on the east side of the City, especially with the relocation of the high school near the intersection of CSAH 48 and 18th Street NW.

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Bridge Funding - Fund 29						500,000		500,000
Federal Funds		200,000		2,000,000	2,000,000			4,200,000
Other Local				500,000	500,000	750,000		1,750,000
Sales Tax Revenue			1,350,000		300,000			1,650,000
State Aid				1,500,000	1,500,000	2,250,000		5,250,000
Total		200,000	1,350,000	4,000,000	4,300,000	3,500,000		\$13,350,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction				4,000,000	4,000,000	3,500,000		11,500,000
Design Engineering			600,000		300,000			900,000
Preliminary Engineering		200,000						200,000
Right of Way			650,000					650,000
Utility			100,000					100,000
Total		200,000	1,350,000	4,000,000	4,300,000	3,500,000		\$13,350,000

Construction Year: 2024

CSAH 28 (CSAH 21 to TH 30)
Berlin Township

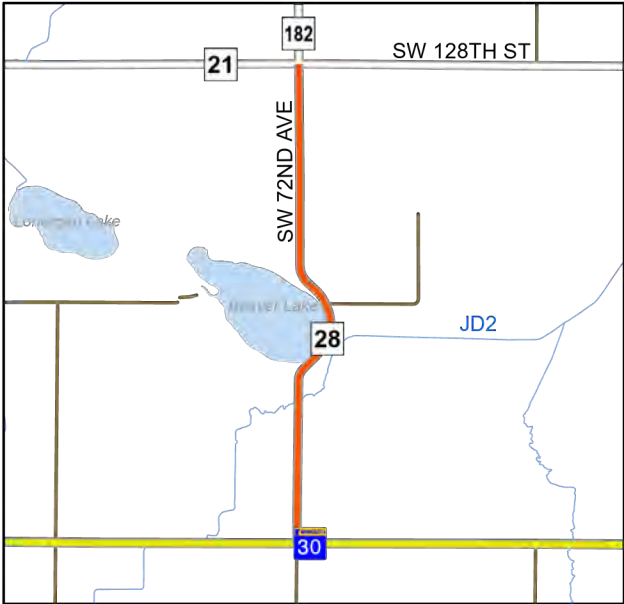
Project Number	Project Type
SAP 074-628-004	Rural Reconstruction

Functional Classification
Minor Collector

Pavement Condition Index	ADT Existing	Legal Load Limit	Length
51	365 (2012)	9 ton	2.09

Project Description
Project will upgrade the corridor improving pavement condition and safety standards to meet current safety standards such as flattening the side slopes and providing wider shoulders. This is a joint project with the Parks Department to improve Beaver Lake Park such as relocating the boat landing to improve roadway safety and adding pedestrian accommodations. Options being explored include realigning or relocating the highway away from the lake.

Project Justification
To improve traffic safety, improve drainage, and restore pavement condition.



Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Sales Tax Revenue	150,000	150,000	110,000	2,000,000				2,410,000
State Aid				0				0
State Park Funds				1,000,000				1,000,000
Total	150,000	150,000	110,000	3,000,000				\$3,410,000
Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction				3,000,000				3,000,000
Design Engineering		150,000						150,000
Preliminary Engineering	150,000							150,000
Right of Way			100,000					100,000
Utility			10,000					10,000
Total	150,000	150,000	110,000	3,000,000				\$3,410,000

Construction Year: 2024

CSAH 37 (CSAH 8 to CSAH 19)

Havana & Merton Townships

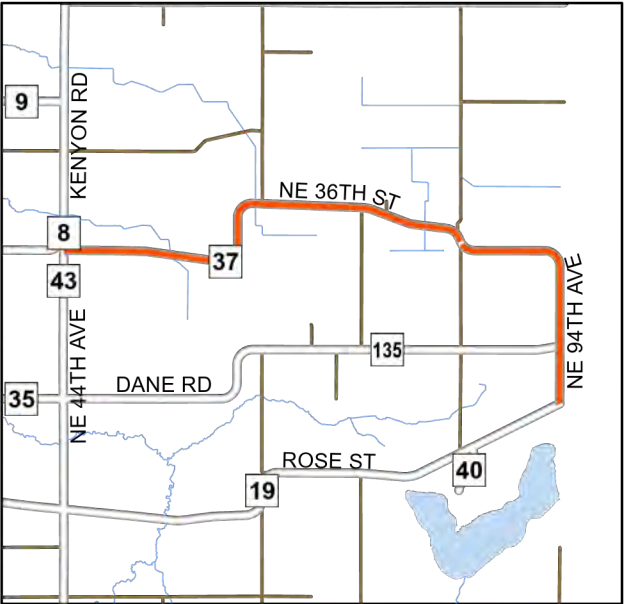
Project Number	Project Type
SAP 074-637-038	Rehabilitation

Functional Classification
Minor Collector

Pavement Condition Index	ADT Existing	Legal Load Limit	Length
54	600 (2013)	9 ton	7.07

Project Description

This is a two-year project. The first phase will improve highway drainage and other minor improvements. The second phase will reclaim existing pavement and place new bituminous pavement. The county line portion of 1.4 miles will be a joint project with Dodge County.



Project Justification

To restore drainage and pavement condition.

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Other Local		50,000		300,000				350,000
State Aid		400,000		2,200,000				2,600,000
Total		450,000		2,500,000				\$2,950,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction		450,000		2,500,000				2,950,000
Total		450,000		2,500,000				\$2,950,000

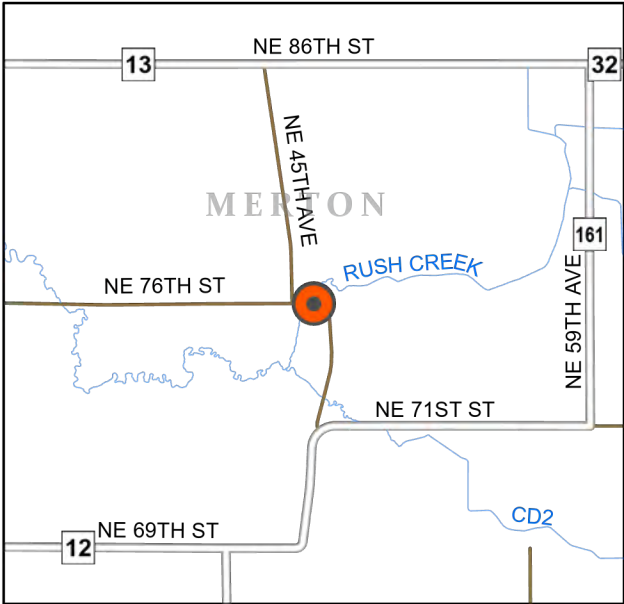
Construction Year: 2024

Bridge L5798 - NE 76th St over Rush Creek
Merton Township

Project Number		Project Type	
N/A		Bridge Replacement	
Functional Classification			
Local Road			
Pavement Condition Index	ADT Existing	Legal Load Limit	Length
Gravel	25		0.02

Project Description
Replacing existing and deteriorating, 12.7' span, steel pipe arch culvert, built in 1971.

Project Justification
The bridge has a sufficiency rating of 55.1 out of 100 and is listed as structurally deficient. County Board Resolution on 1/26/2021 places it on the Prioritized Bridge Replacement List.



Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Other Local				20,000				20,000
Township Bridge			25,000	155,000				180,000
Total			25,000	175,000				\$200,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction				175,000				175,000
Design Engineering			25,000					25,000
Total			25,000	175,000				\$200,000

Construction Year: 2024

Bridge 89080 - CSAH 28 over Unnamed Ditch
Berlin Township

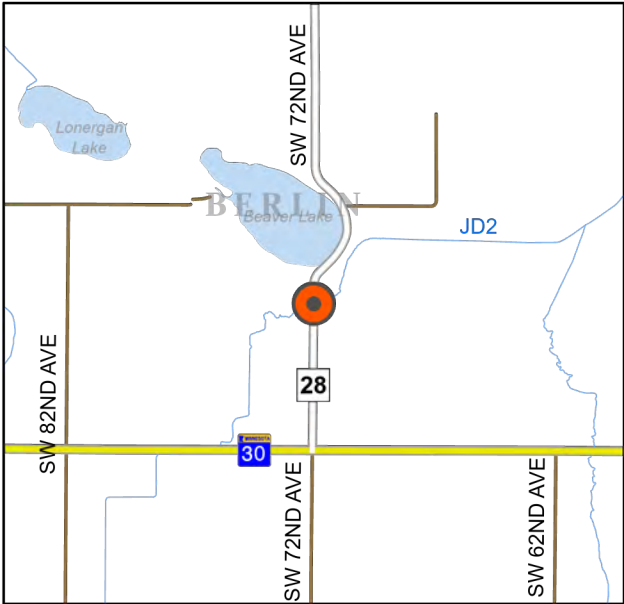
Project Number	Project Type
SAP 074-628-003	Bridge Replacement

Functional Classification
Minor Collector

Pavement Condition Index	ADT Existing	Legal Load Limit	Length
51	365 (2012)	9 ton	0.02

Project Description
Replacing Bridge 89080, a deteriorating 11.3' box concrete culvert built in 1920.

Project Justification
The bridge has a Local Planning Index of 57 out of 100 and is listed as structurally deficient. County Board Resolution on 1/26/2021 places it on the Prioritized Bridge Replacement List.



Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Bridge Funding - Fund 29				75,000				75,000
Fund Balance			2,500					2,500
State Aid				100,000				100,000
Total			2,500	175,000				\$177,500

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction				175,000				175,000
Right of Way			2,500					2,500
Total			2,500	175,000				\$177,500

Construction Year: 2024

Bridge 95786 - SE 18th St over ditch

Havana Township

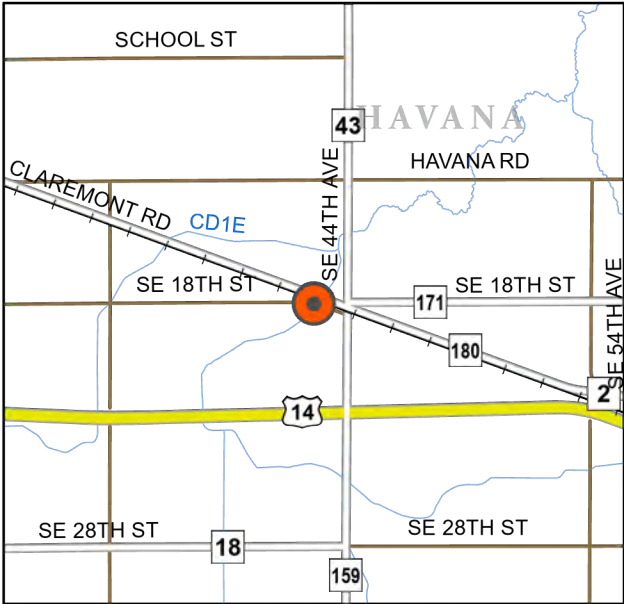
Project Number		Project Type	
N/A		Bridge Replacement	
Functional Classification			
Local Road			
Pavement Condition Index	ADT Existing	Legal Load Limit	Length
Gravel	25		0.02

Project Description

Replacing existing and deteriorating, 32' span, 2-barrel steel pipe arch culvert, built in 1950.

Project Justification

The bridge has a Local Planning Index of 54 out of 100 and is listed as structurally deficient. County Board Resolution on 1/26/2021 places it on the Prioritized Bridge Replacement List.



Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Other Local				20,000				20,000
Township Bridge			25,000	155,000				180,000
Total			25,000	175,000				\$200,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction				175,000				175,000
Design Engineering			25,000					25,000
Total			25,000	175,000				\$200,000

Construction Year: 2024

County-wide Maintenance Overlays

Various

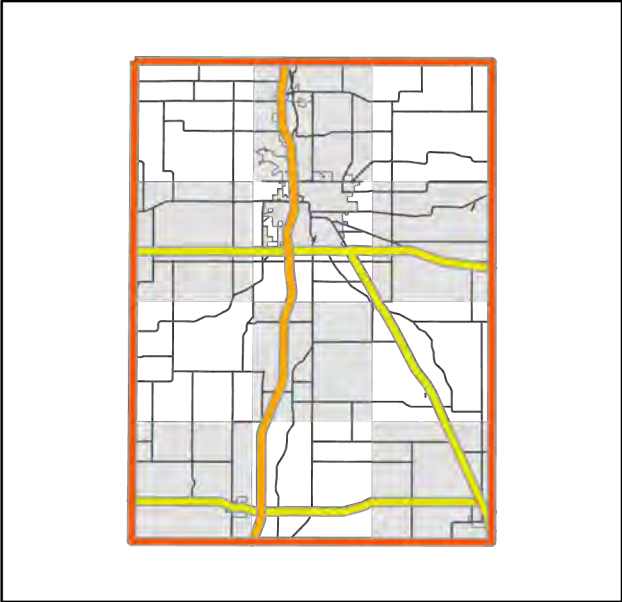
Project Number	Project Type
CP 074-024-002	Maintenance

Functional Classification

Pavement Condition Index	ADT Existing	Legal Load Limit	Length
			84.06

Project Description

These projects are part of an annual program of pavement preservation projects.



Project Justification

These projects are scheduled to slow the normal deterioration of the highways to extend the pavement life and maintain the investment in existing infrastructure.

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
State Aid Maintenance				1,300,000				1,300,000
Total				1,300,000				\$1,300,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction				1,300,000				1,300,000
Total				1,300,000				\$1,300,000

Construction Year: 2024

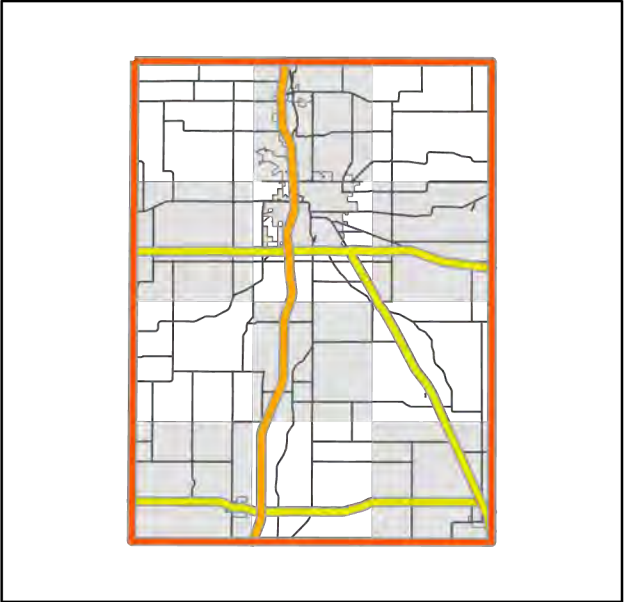
County-wide Seal Coat
Various

Project Number	Project Type
CP 074-024-003	Maintenance

Functional Classification

Pavement Condition Index	ADT Existing	Legal Load Limit	Length
			84.06

Project Description
These projects are part of an annual program of pavement preservation projects.



Project Justification
These projects are scheduled to slow the normal deterioration of the highways to extend the pavement life and maintain the investment in existing infrastructure.

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
State Aid Maintenance				52,000				52,000
Wheelage Tax Revenue				338,000				338,000
Total				390,000				\$390,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction				390,000				390,000
Total				390,000				\$390,000

Construction Year: 2025

CSAH 15 (2nd Ave SE to US 218)

City of Blooming Prairie

Project Number	Project Type
N/A	Rehabilitation

Functional Classification
Minor Collector

Pavement Condition Index	ADT Existing	Legal Load Limit	Length
55	1000 (2019)	9 ton	0.3

Project Description

Project to resurface streets, remove gutter across 3rd St SE and other minor improvements. After work is complete, the portion of CSAH 15 on 3rd Ave SE and 2nd St SE will be transferred to the City and 3rd St SE from 3rd Ave SE to US 218 will be transferred to the county.



Project Justification

City of Blooming Prairie will be doing work on their storm sewer in the area and on these streets. Project will realign CSAH 15 to have direct access to US 218 as identified in the 2040 Transportation Plan. Project will restore pavement condition.

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
State Aid Municipal					200,000			200,000
Total					200,000			\$200,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction					200,000			200,000
Total					200,000			\$200,000

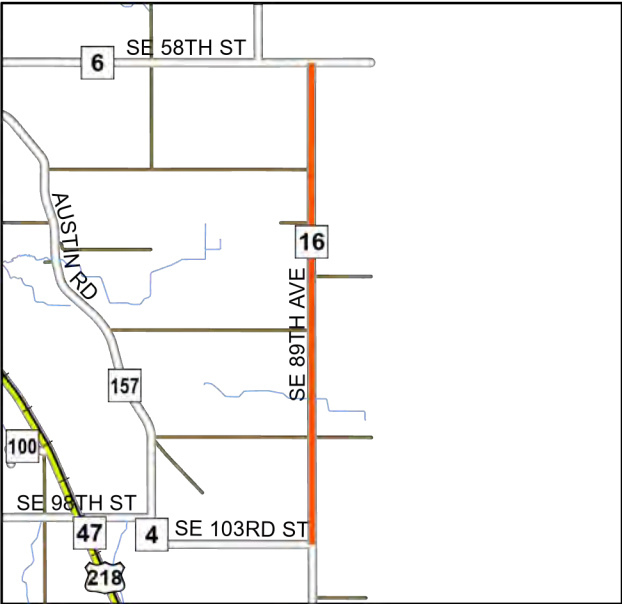
Construction Year: 2025

CSAH 16 (CSAH 4 to CSAH 6)

Aurora Township

Project Number		Project Type	
N/A		Rehabilitation	
Functional Classification			
Major Collector			
Pavement Condition Index	ADT Existing	Legal Load Limit	Length
63-67	325 (2015)	9 ton	4.51

Project Description
Reclaiming existing pavement and placing new bituminous pavement, improving highway drainage and other minor improvements.



Project Justification
To restore pavement condition.

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Sales Tax Revenue			144,000		800,000			944,000
State Aid					700,000			700,000
Total			144,000		1,500,000			\$1,644,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction			144,000		1,500,000			1,644,000
Total			144,000		1,500,000			\$1,644,000

Construction Year: 2025

CSAH 16 (CSAH 6 to TH 14)

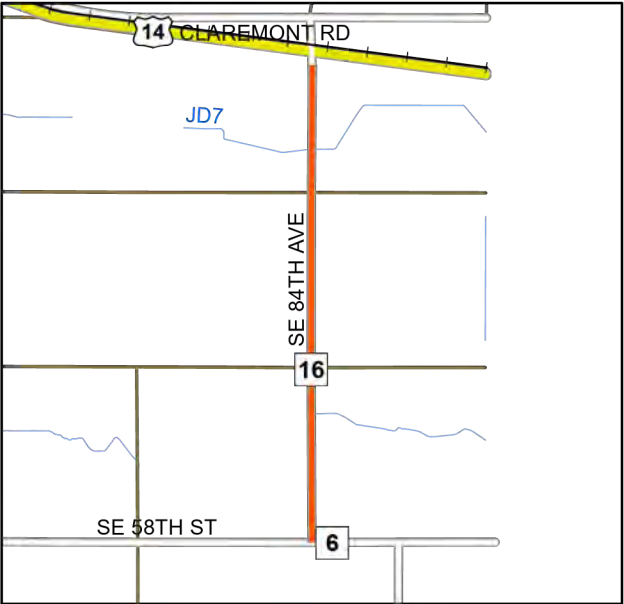
Aurora & Havana Townships

Project Number	Project Type
N/A	Rehabilitation

Functional Classification
Major Collector

Pavement Condition Index	ADT Existing	Legal Load Limit	Length
58-76	185 (2015)	9 ton	2.75

Project Description
Reclaiming existing pavement and placing new bituminous pavement, improving highway drainage and other minor improvements.



Project Justification
To restore pavement condition. The highway was constructed in 1964 and last overlaid in 1983.

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Sales Tax Revenue					500,000			500,000
State Aid			75,000		500,000			575,000
Total			75,000		1,000,000			\$1,075,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction			75,000		1,000,000			1,075,000
Total			75,000		1,000,000			\$1,075,000

Construction Year: 2025

CSAH 43/CR 171 (East)/CR 180

Havana Township

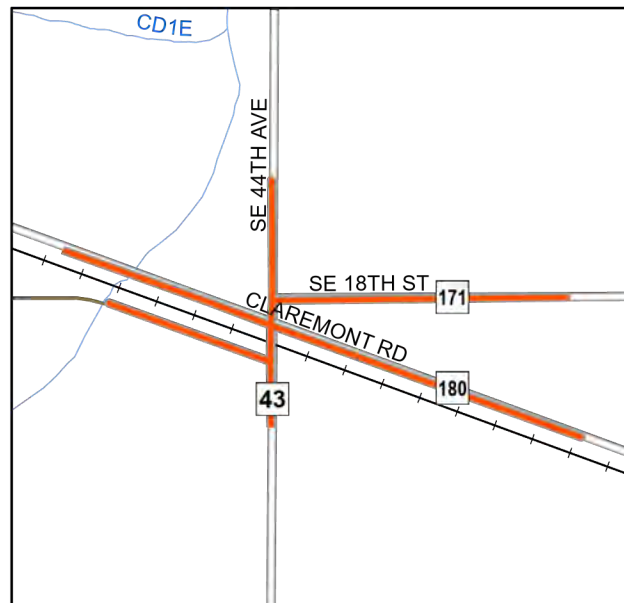
Project Number	Project Type
SAP 074-643-005	Safety

Functional Classification
Major Collector

Pavement Condition Index	ADT Existing	Legal Load Limit	Length
65	1100 (2019)	9 ton	1.81

Project Description

Project will reconstruct the intersections to improve safety. Several realignment concepts are being considered. Some right of way has already been acquired. The existing US 14 2-lane highway will be turned back to the county and connected to CR 180 in 2022, likely changing traffic patterns at the intersection.



Project Justification

The skewed and closely spaced intersections of three county highways and a township road, along with close proximity to a railroad crossing and with high speed traffic contributes to the the intersection having one of the highest crash rates in the county. The intersection crash rate is 1.6 crashes/million entering vehicles compared with a state wide average of only 0.28 for rural intersections. The crash severity of the intersection is 3.6/MEV compared with a state-wide average of 0.4 for rural intersections. Transportation Plan 2005-2025 identified the intersection for improvements for traffic safety and flow. The intersection is also part of the CSAH 43 East Beltway.

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Fund Balance		150,000						150,000
Sales Tax Revenue			150,000	210,000	1,000,000			1,360,000
State Aid					875,000			875,000
Total		150,000	150,000	210,000	1,875,000			\$2,385,000
Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction					1,875,000			1,875,000
Design Engineering			150,000					150,000
Preliminary Engineering		150,000						150,000
Right of Way				200,000				200,000
Utility				10,000				10,000
Total		150,000	150,000	210,000	1,875,000			\$2,385,000

Construction Year: 2025

Bridge L5573 - Twp 95 over Straight River

Clinton Falls Township

Project Number	Project Type
SAP 074-599-041	Bridge Removal

Functional Classification
Closed

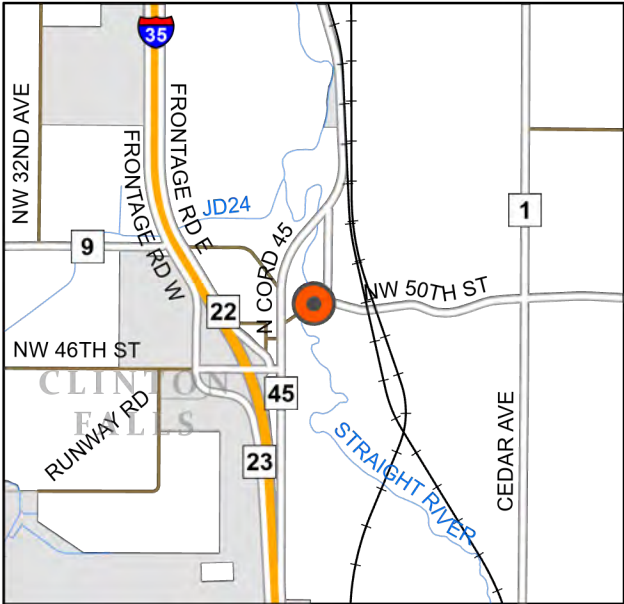
Pavement Condition Index	ADT Existing	Legal Load Limit	Length
NA	0	Closed	0.03

Project Description

Remove or relocate unused deteriorating bridge. It is a single-span, pin-connected, steel Pratt through truss bridge. The bridge is on the Minnesota DOT historic bridge list and is nominated for the National Register of Historic Places which adds some planning challenges. Clinton Falls Township, the County, and MnDOT are seeking an agency that will relocate and rehabilitate the structure to historic preservation requirements.

Project Justification

The structure is closed to all vehicle and pedestrian traffic, but poses a danger to boat and snowmobile traffic on the river with its failing deck and structural elements. It is an attractive nuisance that despite fencing, still has people climbing onto it.



Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Other Local				20,000				20,000
Township Bridge			20,000	70,000				90,000
Total			20,000	90,000				\$110,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction				90,000				90,000
Design Engineering			20,000					20,000
Total			20,000	90,000				\$110,000

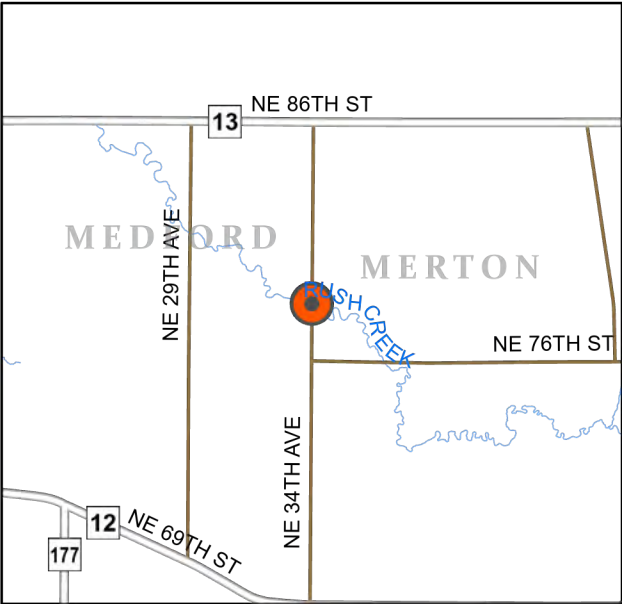
Construction Year: 2025

Bridge 74507 - NE 34th Ave over Rush Cr
Merton Township

Project Number		Project Type	
N/A		Bridge Replacement	
Functional Classification			
Local Road			
Pavement Condition Index	ADT Existing	Legal Load Limit	Length
Gravel	30		0.04

Project Description

Replacing a 26-foot timber slab span structure built in 1963.



Project Justification

The bridge has a Local Planning Index of 50 out of 100 and is load posted. County Board Resolution on 1/26/2021 places it on the Prioritized Bridge Replacement List.

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Other Local					20,000			20,000
Township Bridge			25,000		180,000			205,000
Total			25,000		200,000			\$225,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction					200,000			200,000
Design Engineering			25,000					25,000
Total			25,000		200,000			\$225,000

Construction Year: 2025

Bridge 74524 - NE 14th Ave over Medford Cr
Medford Township

Project Number	Project Type
SAP 074-599-039	Bridge Replacement

Functional Classification
Local Road

Pavement Condition Index	ADT Existing	Legal Load Limit	Length
Gravel	30		0.05

Project Description
Replacing Bridge 74524, a deteriorating 31.5-foot timber slab span structure built in 1972.



Project Justification
The bridge has a Local Planning Index of 48 out of 100 and is load posted. The County Board Resolution on 1/26/2021 places it on the Prioritized Bridge Replacement List.

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Other Local					20,000			20,000
Township Bridge				25,000	180,000			205,000
Total				25,000	200,000			\$225,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction					200,000			200,000
Design Engineering				25,000				25,000
Total				25,000	200,000			\$225,000

Construction Year: 2025

County-wide Maintenance Overlays

Various

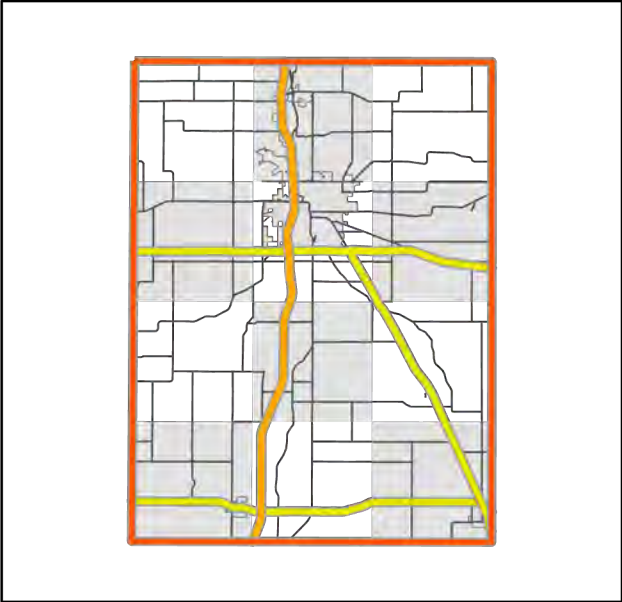
Project Number	Project Type
CP 074-025-002	Maintenance

Functional Classification

Pavement Condition Index	ADT Existing	Legal Load Limit	Length
			84.06

Project Description

These projects are part of an annual program of pavement preservation projects.



Project Justification

These projects are scheduled to slow the normal deterioration of the highways to extend the pavement life and maintain the investment in existing infrastructure.

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
State Aid Maintenance					1,300,000			1,300,000
Total					1,300,000			\$1,300,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction					1,300,000			1,300,000
Total					1,300,000			\$1,300,000

Construction Year: 2025

County-wide Seal Coat

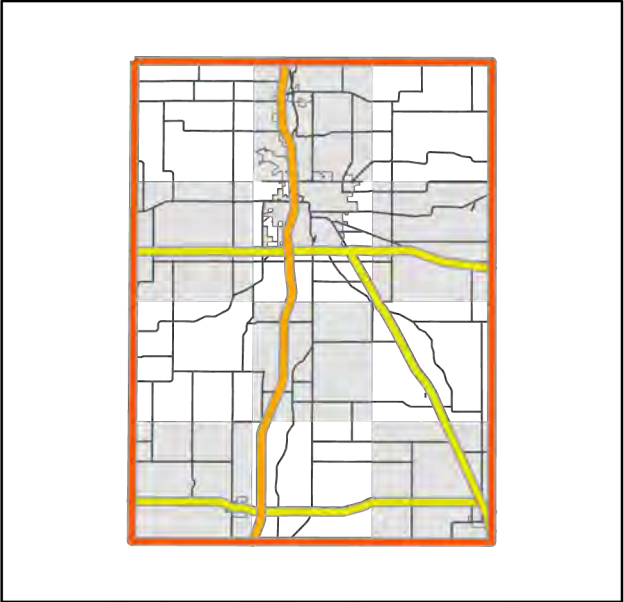
Various

Project Number	Project Type
CP 074-025-003	Maintenance

Functional Classification

Pavement Condition Index	ADT Existing	Legal Load Limit	Length
			84.06

Project Description
These projects are part of an annual program of pavement preservation projects.



Project Justification
These projects are scheduled to slow the normal deterioration of the highways to extend the pavement life and maintain the investment in existing infrastructure.

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
State Aid Maintenance					52,000			52,000
Wheelage Tax Revenue					338,000			338,000
Total					390,000			\$390,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction					390,000			390,000
Total					390,000			\$390,000

Construction Year: 2026

CSAH 43 (US 14 to CSAH 8)

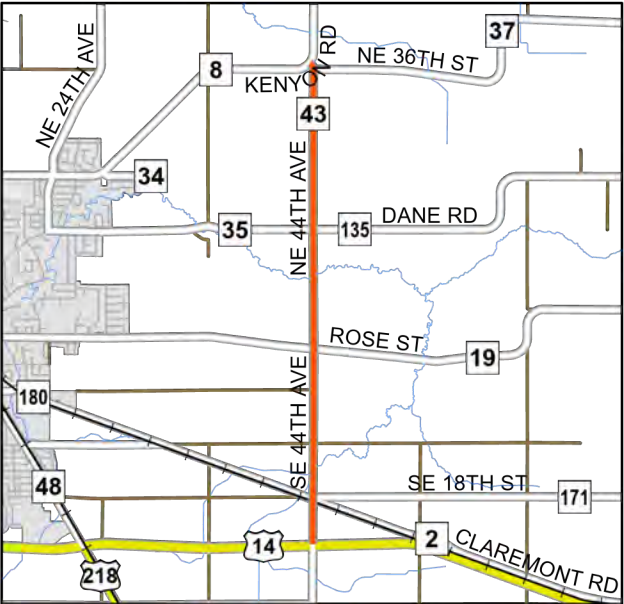
Havana and Merton Townships

Project Number	Project Type
N/A	Rehabilitation

Functional Classification
Major Collector

Pavement Condition Index	ADT Existing	Legal Load Limit	Length
65	1100 (2019)	9 ton	4.51

Project Description
Reclaiming existing pavement and placing new bituminous pavement, improving highway drainage and completing other minor improvements. Culverts will be replaced in the first construction year to allow for settlement. The pavement will be replaced in second year.



Project Justification
To restore pavement condition.

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Sales Tax Revenue					200,000	1,000,000		1,200,000
State Aid						1,080,000		1,080,000
Total					200,000	2,080,000		\$2,280,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction					200,000	2,080,000		2,280,000
Total					200,000	2,080,000		\$2,280,000

Construction Year: 2026

CR 174 Elm Ave (18th St SE to Park St)

City of Owatonna

Project Number	Project Type
N/A	Urban Reconstruction

Functional Classification
Local Road

Pavement Condition Index	ADT Existing	Legal Load Limit	Length
NA	NA	NA	0.31

Project Description

This project will reconstruct an urban roadway through the County Fairgrounds.



Project Justification

To improve drainage and restore pavement.

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Sales Tax Revenue					54,000	540,000		594,000
Total					54,000	540,000		\$594,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction						540,000		540,000
Design Engineering					54,000			54,000
Total					54,000	540,000		\$594,000

Construction Year: 2026

Bridge L8592 - NE 64th Ave over Maple Cr

Havana Township

Project Number	Project Type
N/A	Bridge Replacement

Functional Classification
Local Road

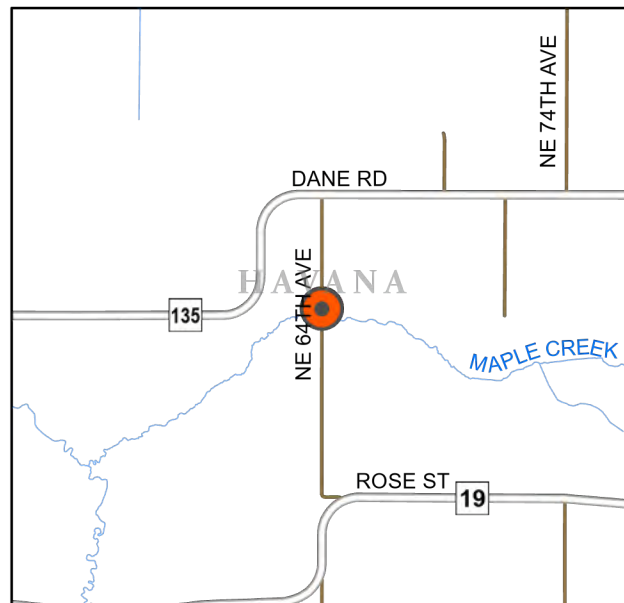
Pavement Condition Index	ADT Existing	Legal Load Limit	Length
Gravel	30		0.08

Project Description

Replace existing and deteriorating 148" x 93" steel pipe arch culvert.

Project Justification

The bridge has a Local Planning Index of 55 out of 100 and is load posted. County Board Resolution on 1/26/2021 places it on the Prioritized Bridge Replacement List.



Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Other Local						20,000		20,000
Township Bridge					25,000	180,000		205,000
Total					25,000	200,000		\$225,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction						200,000		200,000
Design Engineering					25,000			25,000
Total					25,000	200,000		\$225,000

Construction Year: 2026

Bridge 4686 - CR 180 over Izaak Walton Cr

City of Owatonna

Project Number	Project Type
SAP 074-598-015	Bridge Replacement

Functional Classification
Minor Collector

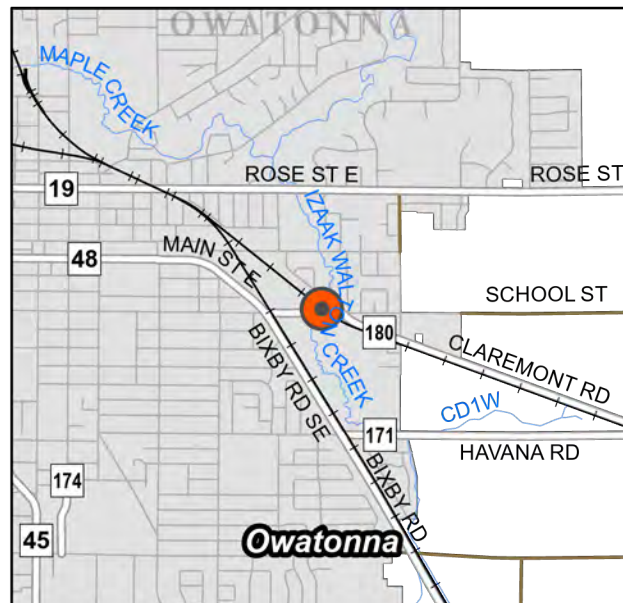
Pavement Condition Index	ADT Existing	Legal Load Limit	Length
95	2500	9 ton	0.03

Project Description

The project will replace Bridge No. 4686, an existing 12' span, concrete box culvert built in 1925 that carries CR 180 over the Izaak Walton Creek. Also at this location, the project will replace bridge No. 6037 that carries the Canadian Pacific Railway over both the stream and highway. It is a 50-foot steel-deck-girder structure built in 1908. Connections to the City sidewalk/trail system will be made. In 2021 a feasibility study was started to explore options and funding for the project and to consider several alternates for replacement including realignment of the roadway and an at-grade railroad crossing. Project costs will need to be adjusted depending on alternate selected.

Project Justification

Bridge No. 4686 has a sufficiency rating of 51.6 out of 100 and is listed as structurally deficient. County Board Resolution on 1/26/2021 places it on the Prioritized Bridge Replacement List. Besides crossing the stream at this location, the highway passes under a railroad bridge and only has a 12-foot vertical clearance. A 14'6" minimum clearance or a 16'4" desired clearance is the current standard. The bridge has been hit by trucks several times. Trucks often divert into nearby residential streets to get around the bridge. In addition to the low clearance, CR 180 is prone to flooding at this location. There is no safe pedestrian route across the railroad.



Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Bridge Funding - Fund 29						300,000		300,000
Other Local					12,500	250,000		262,500
Sales Tax Revenue	100,000			300,000	37,500	750,000		1,187,500
To Be Determined						5,000,000		5,000,000
Total	100,000			300,000	50,000	6,300,000		\$6,750,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction						6,300,000		6,300,000
Design Engineering				300,000				300,000
Preliminary Engineering	100,000							100,000
Right of Way					50,000			50,000
Total	100,000			300,000	50,000	6,300,000		\$6,750,000

Construction Year: 2026

Bridge 74519 - CSAH 43 over Ditch

Havana Township

Project Number	Project Type
N/A	Bridge Replacement

Functional Classification
Major Collector

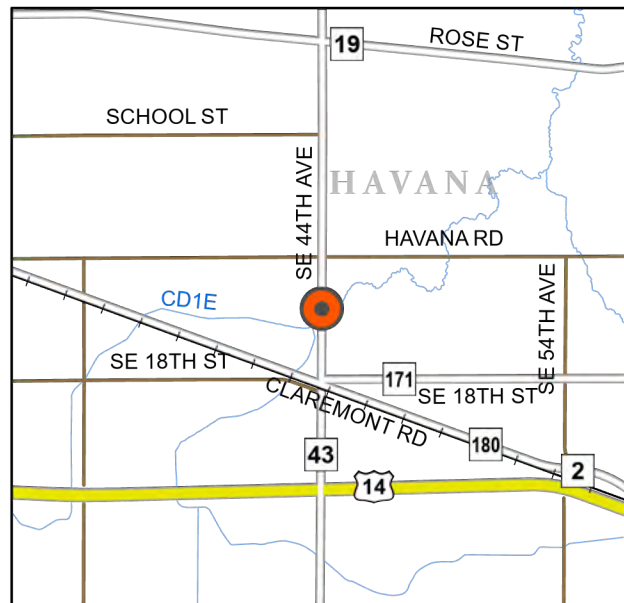
Pavement Condition Index	ADT Existing	Legal Load Limit	Length
	1100 (2019)		0.05

Project Description

Replacing Bridge 74519, a deteriorating 54' slab span timber structure built in 1969.

Project Justification

The bridge has a Local Planning Index of 52 out of 100 and is load posted. County Board Resolution on 1/26/2021 places it on the Prioritized Bridge Replacement List.



Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Bridge Funding - Fund 29						125,000		125,000
State Aid				55,000		320,000		375,000
Total				55,000		445,000		\$500,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction						445,000		445,000
Design Engineering				50,000				50,000
Right of Way				5,000				5,000
Total				55,000		445,000		\$500,000

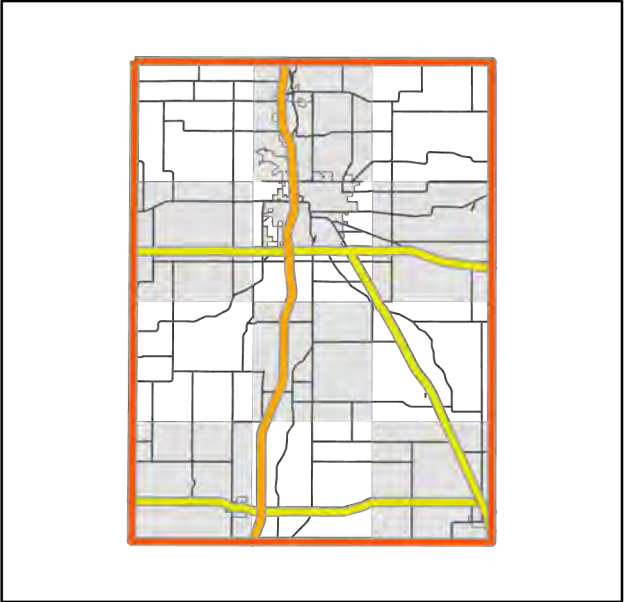
Construction Year: 2026

County-wide Maintenance Overlays

Various

Project Number	Project Type		
CP 074-026-002	Maintenance		
Functional Classification			
Pavement Condition Index	ADT Existing	Legal Load Limit	Length
			84.06

Project Description
These projects are part of an annual program of pavement preservation projects.



Project Justification
These projects are scheduled to slow the normal deterioration of the highways to extend the pavement life and maintain the investment in existing infrastructure.

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
State Aid Maintenance						1,300,000		1,300,000
Total						1,300,000		\$1,300,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction						1,300,000		1,300,000
Total						1,300,000		\$1,300,000

Construction Year: 2026

County-wide Seal Coat

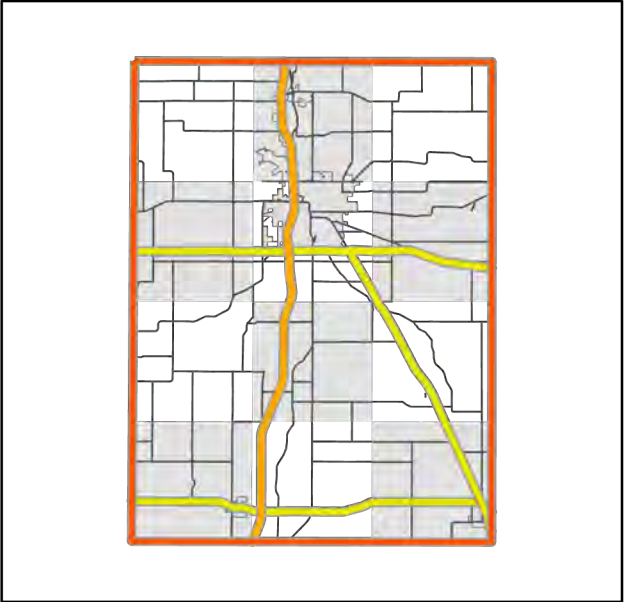
Various

Project Number	Project Type
CP 074-026-003	Maintenance

Functional Classification

Pavement Condition Index	ADT Existing	Legal Load Limit	Length
			84.06

Project Description
These projects are part of an annual program of pavement preservation projects.



Project Justification
These projects are scheduled to slow the normal deterioration of the highways to extend the pavement life and maintain the investment in existing infrastructure.

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
State Aid Maintenance						52,000		52,000
Wheelage Tax Revenue						338,000		338,000
Total						390,000		\$390,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction						390,000		390,000
Total						390,000		\$390,000

Construction Year: Unscheduled

CSAH 3 (Freeborn Co to MN 30)

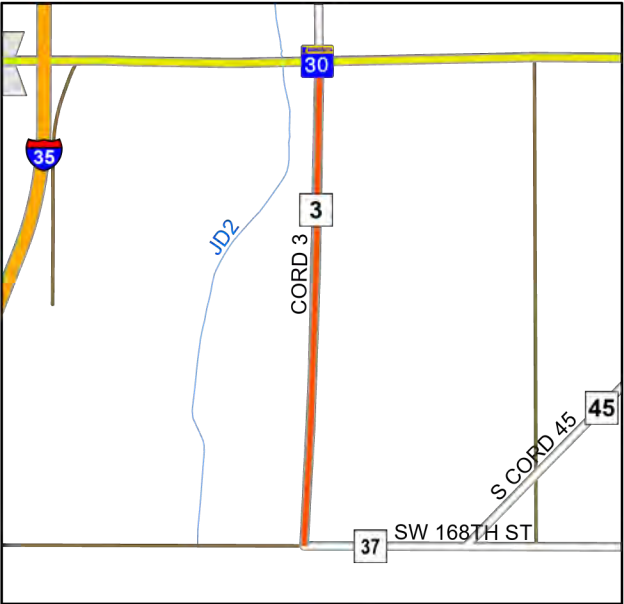
Summit Township

Project Number	Project Type
N/A	Rehabilitation

Functional Classification
Minor Collector

Pavement Condition Index	ADT Existing	Legal Load Limit	Length
65	900 (2019)	9 ton	1.51

Project Description
Reclaiming existing pavement and placing new bituminous pavement, improving highway drainage and completing other minor improvements. Culverts will be replaced in the first construction year to allow for settlement. The pavement will be replaced in second year.



Project Justification
To restore pavement condition.

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Sales Tax Revenue						50,000	600,000	650,000
Total						50,000	600,000	\$650,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction						50,000	600,000	650,000
Total						50,000	600,000	\$650,000

Construction Year: Unscheduled

CSAH 3 (CSAH 45 to 24th Ave)

Somerset Township

Project Number	Project Type
N/A	Rehabilitation

Functional Classification
Minor Collector

Pavement Condition Index	ADT Existing	Legal Load Limit	Length
65	250 (2019)	9 ton	2

Project Description
Reclaiming existing pavement and placing new bituminous pavement, improving highway drainage and completing other minor improvements. Culverts will be replaced in the first construction year to allow for settlement. The pavement will be replaced in second year.



Project Justification
To restore pavement condition.

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Sales Tax Revenue						75,000	800,000	875,000
Total						75,000	800,000	\$875,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction						75,000	800,000	875,000
Total						75,000	800,000	\$875,000

Construction Year: Unscheduled

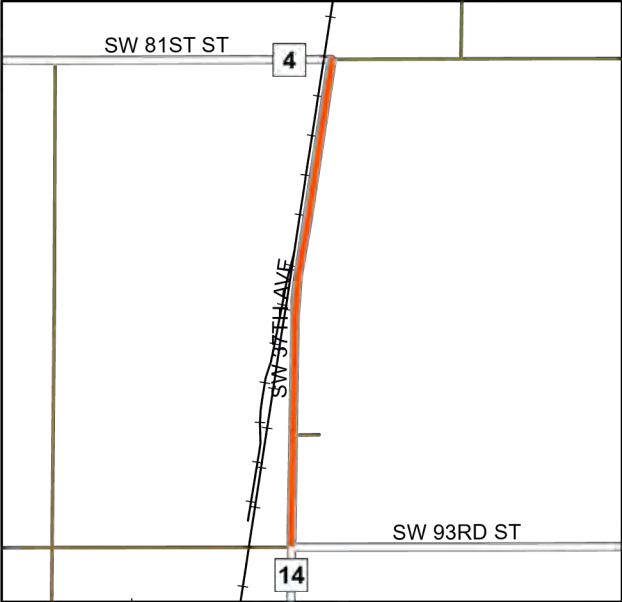
CSAH 4 (CSAH 14 to 32 Ave)
Somerset Township (Unincorporated Hope)

Project Number	Project Type
N/A	Urban Reconstruction

Functional Classification
Major Collector

Pavement Condition Index	ADT Existing	Legal Load Limit	Length
75	690	9 ton	1.01

Project Description
Reconstruct roadway to urban cross section and construct an improved drainage system. An estimated \$600,000 for the improved drainage system is planned to come from township funding or other grant funding yet to be identified.



Project Justification
The area of Hope experiences regular flooding. Portions of the roadway have a rural cross section with very shallow or non existant ditches. A portion of the roadway has curb and gutter with an existing storm sewer that is inadequate. In 2017, a drainage study recommended improvements.

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
To Be Determined							4,280,000	4,280,000
Total							4,280,000	\$4,280,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction							3,800,000	3,800,000
Design Engineering							380,000	380,000
Right of Way							100,000	100,000
Total							4,280,000	\$4,280,000

Construction Year: Unscheduled

CSAH 6 at US 218

Aurora Township

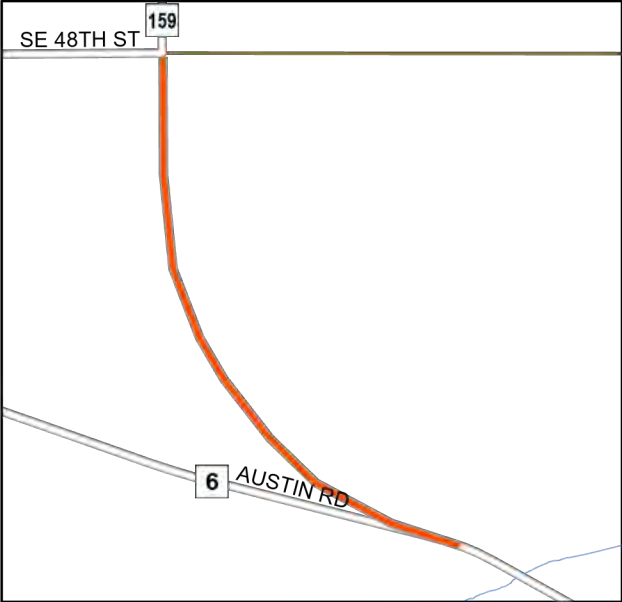
Project Number	Project Type
N/A	Safety

Functional Classification
Minor Collector

Pavement Condition Index	ADT Existing	Legal Load Limit	Length
	350 (2020)	9 ton	0.83

Project Description

Project will remove the skewed intersection with US 218 and the skewed railroad crossing and realign CSAH 6 to connect CR 159..



Project Justification

The CSAH 6 (East) and US 218 intersection is identified as high risk and listed as high priority by the 2012 County Roadway Safety Plan due to its skewed alignment on a curve with close proximity of the intersection to the railroad crossing. Realigning the road would eliminate this high risk intersection and rail crossing and provide better north-south connectivity of county highways in the area.

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
MnDOT Local Partnership Program							1,000,000	1,000,000
To Be Determined							1,200,000	1,200,000
Total							2,200,000	\$2,200,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction							2,000,000	2,000,000
Design Engineering							200,000	200,000
Total							2,200,000	\$2,200,000

Construction Year: Unscheduled

CSAH 7 (CSAH 32 to CSAH 18)

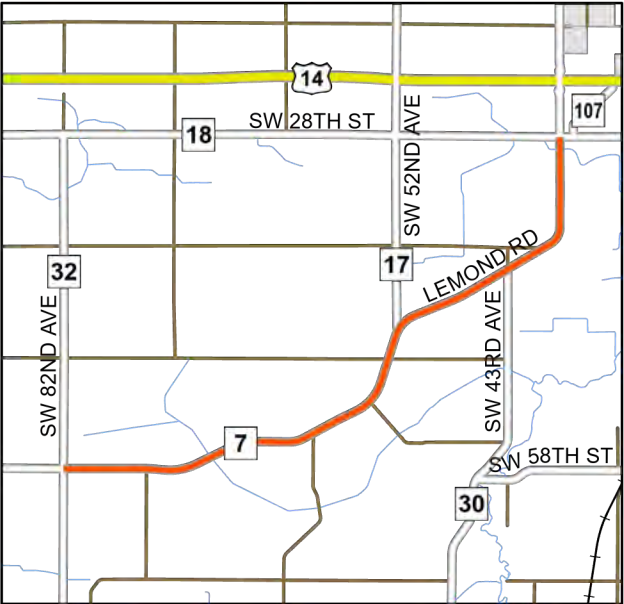
Lemond, Meriden, & Owatonna Townships

Project Number	Project Type
N/A	Rehabilitation

Functional Classification
Major Collector

Pavement Condition Index	ADT Existing	Legal Load Limit	Length
	1150	10-ton	6.21

Project Description
The project will grind the surface of the concrete to improve the ride quality and make joint repairs.



Project Justification
The concrete panels are cupping, creating a poor riding surface.

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
To Be Determined							900,000	900,000
Total							900,000	\$900,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction							900,000	900,000
Total							900,000	\$900,000

Construction Year: Unscheduled

CSAH 7 (CSAH 2 to CSAH 34)

Owatonna Township

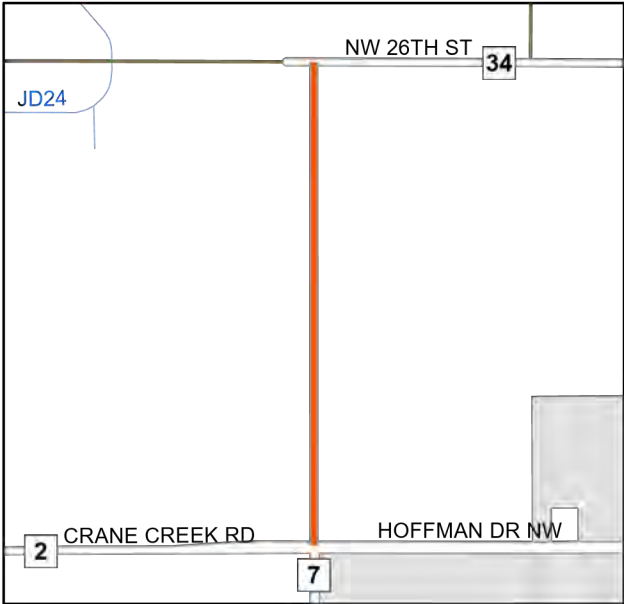
Project Number	Project Type
N/A	Expansion

Functional Classification
N/A

Pavement Condition Index	ADT Existing	Legal Load Limit	Length
NA	N/A	N/A	0.99

Project Description

Construct a highway on a new alignment.



Project Justification

This corridor has been identified for the Owatonna West Beltline to improve regional mobility and traffic flow and promote regional economic development through improved mobility and access.

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Sales Tax Revenue						150,000		150,000
State Aid							1,830,000	1,830,000
Total						150,000	1,830,000	\$1,980,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction							1,500,000	1,500,000
Design Engineering						150,000		150,000
Right of Way							300,000	300,000
Utility							30,000	30,000
Total						150,000	1,830,000	\$1,980,000

Construction Year: Unscheduled

CSAH 8 Kenyon Rd (CSAH 35 to CSAH 34)

City of Owatonna

Project Number	Project Type
N/A	Urban Reconstruction

Functional Classification
Major Collector

Pavement Condition Index	ADT Existing	Legal Load Limit	Length
58	1750 (2012)	9 ton	0.52

Project Description

Project will reconstruct a rural highway to an urban highway and will add links to the City sidewalk/trail system. Project may include intersection upgrades such as roundabouts at both ends of the project.



Project Justification

To restore pavement condition and upgrade the road to better serve a developing part of the City.

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Other Local							685,000	685,000
Sales Tax Revenue							2,155,000	2,155,000
Total							2,840,000	\$2,840,000

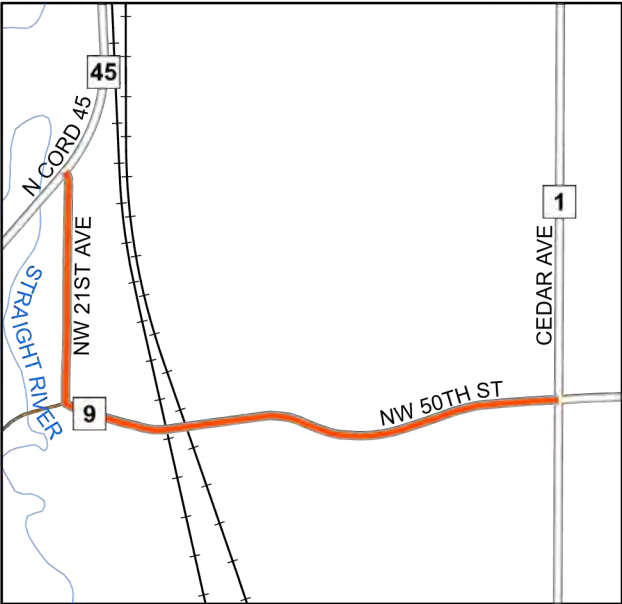
Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction							2,400,000	2,400,000
Design Engineering							240,000	240,000
Right of Way							200,000	200,000
Total							2,840,000	\$2,840,000

Construction Year: Unscheduled

CSAH 9 (CSAH 45 to CSAH 1)
Clinton Falls Township

Project Number		Project Type	
N/A		Rural Reconstruction	
Functional Classification			
Minor Collector			
Pavement Condition Index	ADT Existing	Legal Load Limit	Length
Gravel/76	190 (2015)	7 ton	1.21

Project Description
Reconstruct roadway, which is a mix of paved and gravel surfaces, with a paved surface throughout.



Project Justification
The highway serves as connection from Clinton Falls and I-35 to the eastern part of the county. A steep hill on the gravel portion is difficult to maintain with frequent washouts.

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
To Be Determined							2,080,000	2,080,000
Total							2,080,000	\$2,080,000

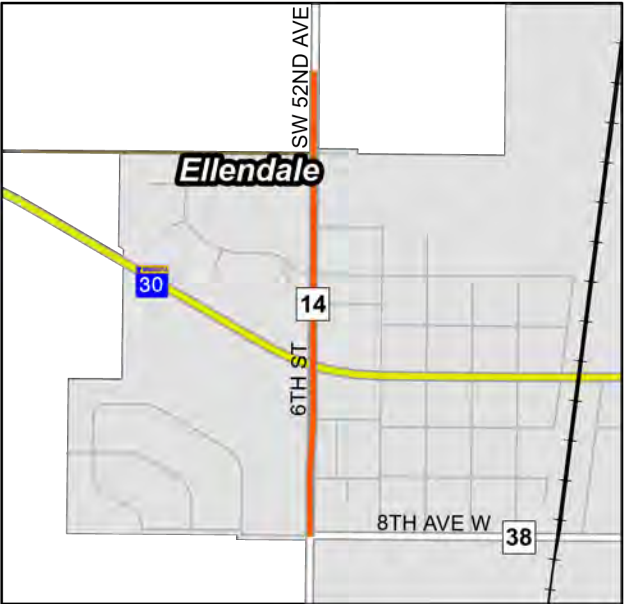
Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction							1,800,000	1,800,000
Design Engineering							180,000	180,000
Right of Way							100,000	100,000
Total							2,080,000	\$2,080,000

Construction Year: Unscheduled

CSAH 14 (CSAH 38 8th Ave to 1448th St)
City of Ellendale

Project Number		Project Type	
N/A		Urban Reconstruction	
Functional Classification			
Major Collector			
Pavement Condition Index	ADT Existing	Legal Load Limit	Length
65	790 (2019)	9 ton	0.61

Project Description
Reconstruct to urban cross section.



Project Justification

Pavement is deteriorating. There is poor drainage with little to no ditches along much of the corridor.

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
State Aid Municipal							2,200,000	2,200,000
Total							2,200,000	\$2,200,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction							2,000,000	2,000,000
Design Engineering							200,000	200,000
Total							2,200,000	\$2,200,000

Construction Year: Unscheduled

CSAH 14 (2300 ft east of CSAH 67 to CSAH 4)

Somerset Township

Project Number	Project Type
N/A	Rural Reconstruction

Functional Classification
Major Collector

Pavement Condition Index	ADT Existing	Legal Load Limit	Length
70	690	9 ton	2.67

Project Description

Project will reconstruct CSAH 14 to current safety standards, bringing the slopes up to minimum MNDOT state aid standards and adding wider shoulders on an important truck route to Hope grain elevators.



Project Justification

To improve upgrade route to 10-ton limit, improve traffic safety, improve drainage, and restore pavement condition.

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
To Be Determined							4,275,000	4,275,000
Total							4,275,000	\$4,275,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction							3,750,000	3,750,000
Design Engineering							375,000	375,000
Right of Way							100,000	100,000
Utility							50,000	50,000
Total							4,275,000	\$4,275,000

Construction Year: Unscheduled

CSAH 17 (CSAH 12 to CSAH 23)

Town of Deerfield

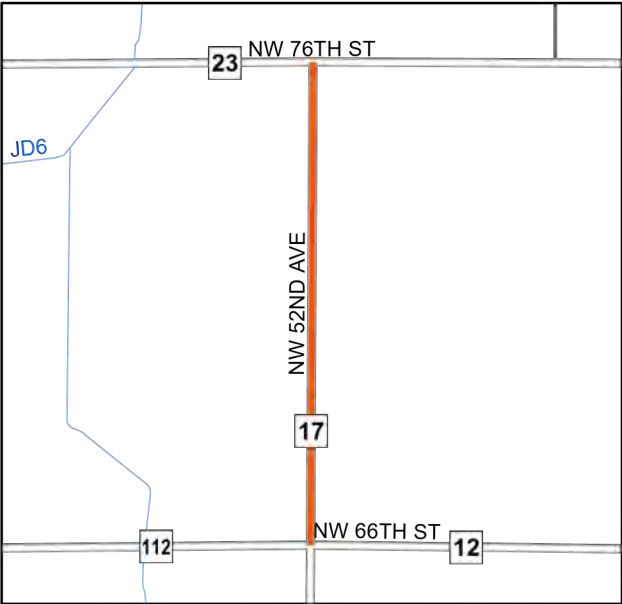
Project Number	Project Type
N/A	Rural Reconstruction

Functional Classification
Major Collector

Pavement Condition Index	ADT Existing	Legal Load Limit	Length
Gravel	125	9-ton	0.99

Project Description

Reconstruct existing gravel highway with a paved surface.



Project Justification

CSAH 17 is a continuous north-south route in the northwest part of county, all paved with the exception of the one mile between CSAH 12 and CSAH 23. Paving the connection to CSAH 23 would provide a more continuous state aid highway system with connections to I-35 to east and MN-13 to west.

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
To Be Determined							1,700,000	1,700,000
Total							1,700,000	\$1,700,000

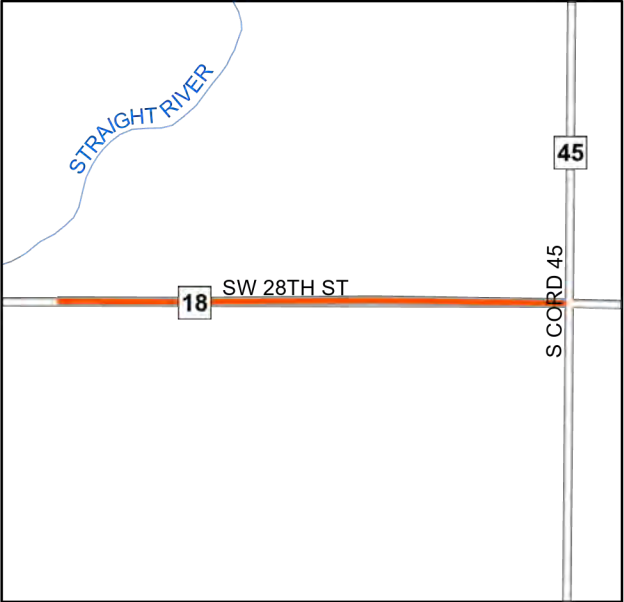
Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction							1,500,000	1,500,000
Design Engineering							150,000	150,000
Right of Way							50,000	50,000
Total							1,700,000	\$1,700,000

Construction Year: Unscheduled

CSAH 18 (UPRR to CSAH 45)
Owatonna Township

Project Number		Project Type	
N/A		Rehabilitation	
Functional Classification			
Major Collector			
Pavement Condition Index	ADT Existing	Legal Load Limit	Length
65	960 (2019)	9 ton	0.5

Project Description
Reclaim existing pavement and placing new bituminous pavement, improving highway drainage and other minor improvements.



Project Justification
To restore pavement condition.

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Sales Tax Revenue						50,000	220,000	270,000
Total						50,000	220,000	\$270,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction						50,000	220,000	270,000
Total						50,000	220,000	\$270,000

Construction Year: Unscheduled

CSAH 18 (CSAH 6 to CSAH 43)

Havana & Owatonna Townships

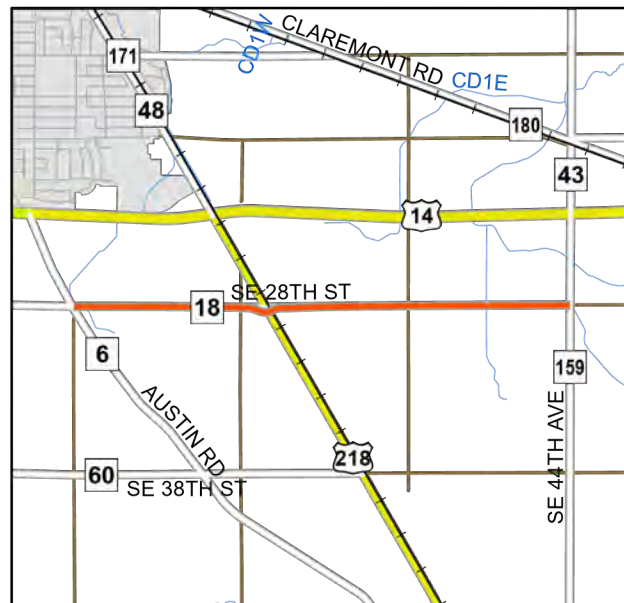
Project Number	Project Type
N/A	Expansion

Functional Classification
Major Collector

Pavement Condition Index	ADT Existing	Legal Load Limit	Length
Gravel	85 -160	9 ton	2.99

Project Description

Reconstruct existing gravel highway with a paved surface. Project will realign intersections at CSAH 6 and US 218 to eliminate skews.



Project Justification

This corridor has been identified for the Owatonna South Beltline to improve regional mobility and traffic flow and promote regional economic development through improved mobility and access. The Owatonna School District is building a new high school at the corner of CSAH 48 and 18th Street opening Fall 2023 which will likely change traffic patterns on the corridor. In the future depending on traffic and safety concerns, MnDOT will cut off CSAH 6 access to US 14.

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
To Be Determined							6,725,000	6,725,000
Total							6,725,000	\$6,725,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction							4,500,000	4,500,000
Design Engineering							675,000	675,000
Right of Way							1,500,000	1,500,000
Utility							50,000	50,000
Total							6,725,000	\$6,725,000

Construction Year: Unscheduled

CSAH 20 (1st Ave NW)
City of Medford

Project Number	Project Type
N/A	Rehabilitation

Functional Classification
Local

Pavement Condition Index	ADT Existing	Legal Load Limit	Length
58 Fair	345 (2015)		0.25

Project Description
Milling existing pavement and placing new bituminous pavement and other minor improvements.



Project Justification
To restore pavement condition.

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
To Be Determined							100,000	100,000
Total							100,000	\$100,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction							100,000	100,000
Total							100,000	\$100,000

Construction Year: Unscheduled

CSAH 23 (CSAH 34 to Airport) Realignment

City of Owatonna & Clinton Falls Township

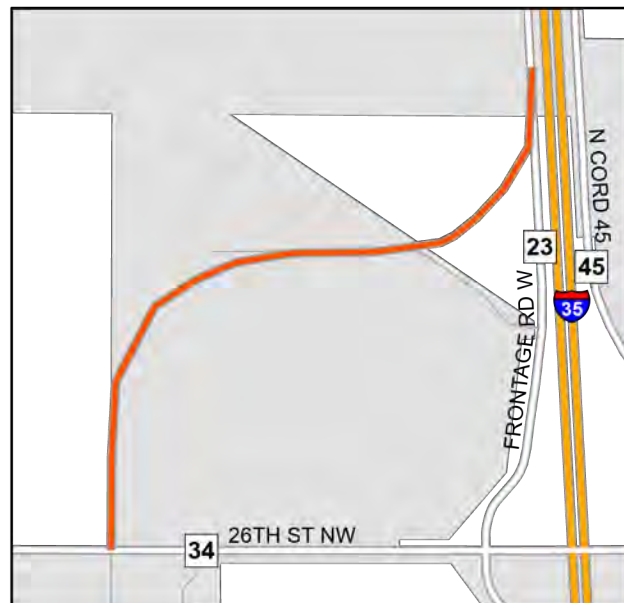
Project Number	Project Type
SAP 074-623-013/074-634-030	Rural Reconstruction

Functional Classification
Major Collector

Pavement Condition Index	ADT Existing	Legal Load Limit	Length
	3950	9 ton	0.88

Project Description

Realign CSAH 23 from its current intersection with CSAH 34 to the CSAH 34/24th Street intersection and construct a roundabout at the CSAH 34/24th Street intersection.



Project Justification

The CSAH 34 Traffic & Infrastructure Improvement Needs Study completed in 2015, made recommendations to improve traffic flow and safety. Several alternates were considered. This alternate provides better spacing with the intersection at the I-35 ramps and connects directly to 24th Avenue, a north south corridor that connects the western portion of the City.

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Sales Tax Revenue					300,000	480,000	1,500,000	2,280,000
State Aid							1,250,000	1,250,000
Total					300,000	480,000	2,750,000	\$3,530,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction							2,750,000	2,750,000
Design Engineering					150,000			150,000
Preliminary Engineering					150,000			150,000
Right of Way						480,000		480,000
Total					300,000	480,000	2,750,000	\$3,530,000

Construction Year: Unscheduled

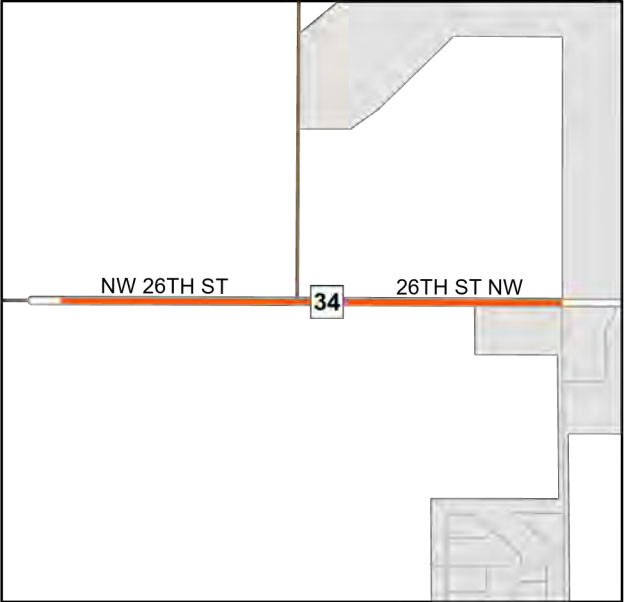
CSAH 34 (Future CSAH 7 to 24th Ave NW)
City of Owatonna, Clinton Falls Township, & Owatonna Township

Project Number	Project Type
SAP 074-634-019	Expansion

Functional Classification
Minor Collector

Pavement Condition Index	ADT Existing	Legal Load Limit	Length
NA	NA	9 ton	0.95

Project Description
Reconstruct gravel highway with paved surface.



Project Justification
This corridor has been identified for the Owatonna North Beltline to improve regional mobility and traffic flow and promote regional economic development through improved mobility and access.

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Sales Tax Revenue						150,000	1,770,000	1,920,000
Total						150,000	1,770,000	\$1,920,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction							1,500,000	1,500,000
Design Engineering						150,000		150,000
Right of Way							200,000	200,000
Utility							70,000	70,000
Total						150,000	1,770,000	\$1,920,000

Construction Year: Unscheduled

CSAH 34 (24th Ave to CR 190 E. Frontage Rd)

City of Owatonna, Clinton Falls Township, & Owatonna Township

Project Number	Project Type
N/A	Operational

Functional Classification
Major Collector

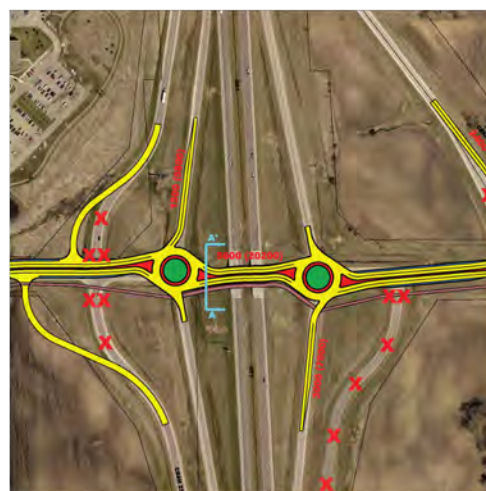
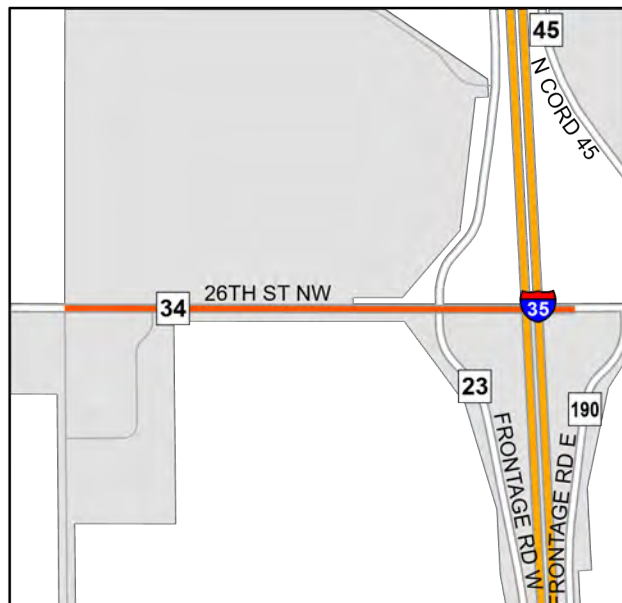
Pavement Condition Index	ADT Existing	Legal Load Limit	Length
70	9900	9 ton	0.59

Project Description

Reconstruct the highway to an urban cross section, construct roundabouts at both I-35 ramps, construct retaining walls under the I-35 overpass to widen the road under the freeway, and build multi use trail to Cashman Park.

Project Justification

The CSAH 34 Traffic & Infrastructure Improvement Needs Study completed in 2015, made recommendations to improve traffic flow and safety. This is part of the north beltline.



Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
MnDOT Local Partnership Program							1,000,000	1,000,000
To Be Determined							5,040,000	5,040,000
Total							6,040,000	\$6,040,000
Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction							5,000,000	5,000,000
Design Engineering							500,000	500,000
Right of Way							400,000	400,000
Right of Way Consultant							40,000	40,000
Utility							100,000	100,000
Total							6,040,000	\$6,040,000

Construction Year: Unscheduled

CSAH 34 at St Paul Road
City of Owatonna

Project Number	Project Type
N/A	Operational

Functional Classification
Major Collector

Pavement Condition Index	ADT Existing	Legal Load Limit	Length
80	7000 & 3050	10 ton	0.45

Project Description
Construct a roundabout to replace the all-way stop sign control.



Project Justification
The CSAH 34 Traffic & Infrastructure Improvement Needs Study completed in 2015, made recommendations to improve traffic flow and safety. This intersection was identified for upgrading the traffic control when opportunity or development occurs.

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
To Be Determined							1,650,000	1,650,000
Total							1,650,000	\$1,650,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction							1,500,000	1,500,000
Design Engineering							150,000	150,000
Total							1,650,000	\$1,650,000

Construction Year: Unscheduled

Future CSAH 34 (CSAH 8 to CSAH 43)

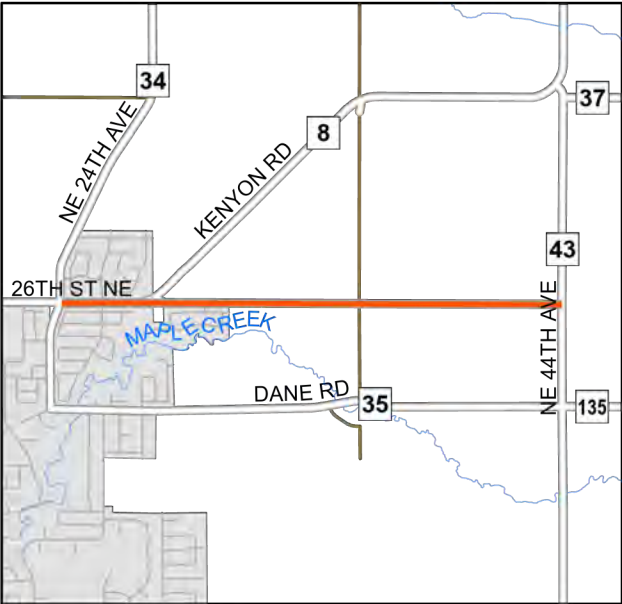
Owatonna Township

Project Number	Project Type
SAP 074-634-020	Expansion

Functional Classification
N/A

Pavement Condition Index	ADT Existing	Legal Load Limit	Length
N/A	N/A	N/A	2.42

Project Description
Construct highway on new alignment as recorded on Official Map.



Project Justification
This corridor has been identified for the Owatonna North Beltline to improve regional mobility and traffic flow and promote regional economic development through improved mobility and access.

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
To Be Determined							9,080,000	9,080,000
Total							9,080,000	\$9,080,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction							6,500,000	6,500,000
Design Engineering							1,300,000	1,300,000
Right of Way							1,250,000	1,250,000
Utility							30,000	30,000
Total							9,080,000	\$9,080,000

Construction Year: Unscheduled

CSAH 45 (TH 14 to State Ave)

City of Owatonna

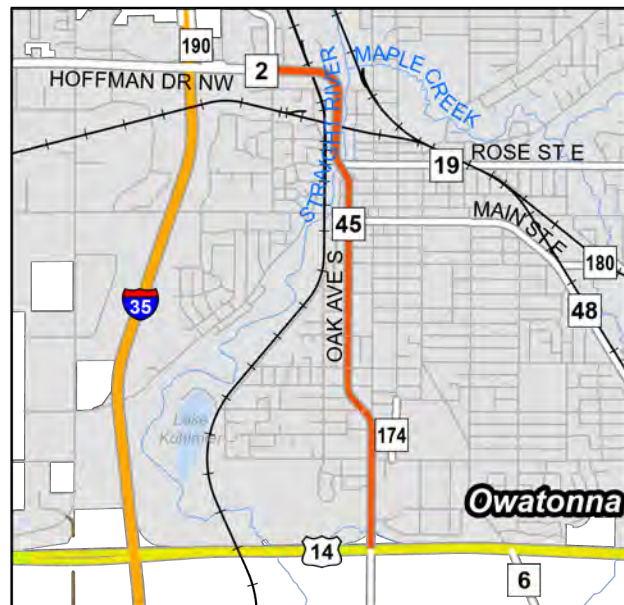
Project Number	Project Type
N/A	Urban Reconstruction

Functional Classification
Minor Arterial

Pavement Condition Index	ADT Existing	Legal Load Limit	Length
11	7,500-12,600	10 ton	3.47

Project Description

The project will reconstruct the highway. The City of Owatonna and the Owatonna Public Utilities will replace deteriorating utilities. Due to the complexities of the project and the multiple stakeholders involved, advanced planning is needed.



Project Justification

While a 2019 -2020 rehabilitation project anticipates providing another 5-10 years of pavement life, the pavement is near the end of its useful life and underground utilities need replacement. Project will replace deteriorating pavement and improve traffic and pedestrian safety.

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Federal Funds							5,000,000	5,000,000
To Be Determined							7,550,000	7,550,000
Total							12,550,000	\$12,550,000
Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction							10,000,000	10,000,000
Design Engineering							1,000,000	1,000,000
Preliminary Engineering							50,000	50,000
Right of Way							500,000	500,000
Utility							1,000,000	1,000,000
Total							12,550,000	\$12,550,000

Construction Year: Unscheduled

CSAH 48 (US 218 to Chambers Ave)

City of Owatonna

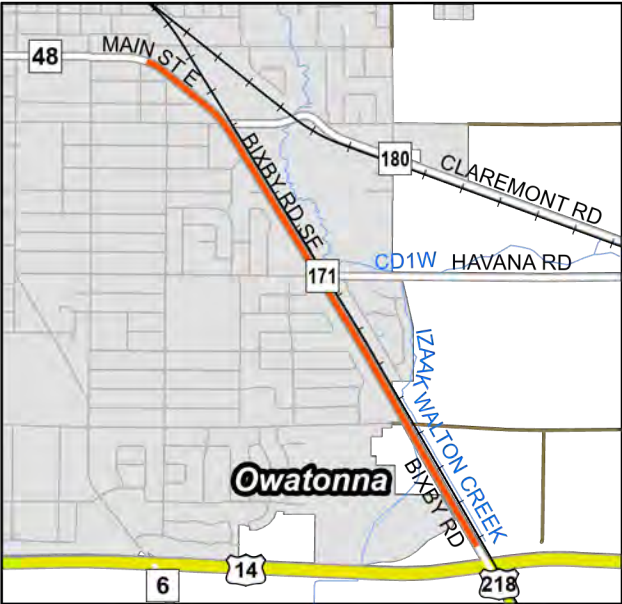
Project Number	Project Type
N/A	Operational

Functional Classification
Minor Arterial

Pavement Condition Index	ADT Existing	Legal Load Limit	Length
55	4200	10-ton	1.95

Project Description

Project proposes to realign intersections at Truman Avenue, School Street and Havana Road, close access to University Avenue and other driveways. Project will resurface the road.



Project Justification

The work will proactively improve safety of skewed intersections and control access for better traffic flow of the minor arterial roadway in anticipation of additional traffic with high school relocating. The overlay work will slow the normal deterioration of the highways to extend the pavement life and maintain the investment in existing infrastructure.

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
To Be Determined							1,700,000	1,700,000
Total							1,700,000	\$1,700,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction							1,650,000	1,650,000
Right of Way							50,000	50,000
Total							1,700,000	\$1,700,000

Construction Year: Unscheduled

CR 162 (NW 30th St to CR 112)

Deerfield Township

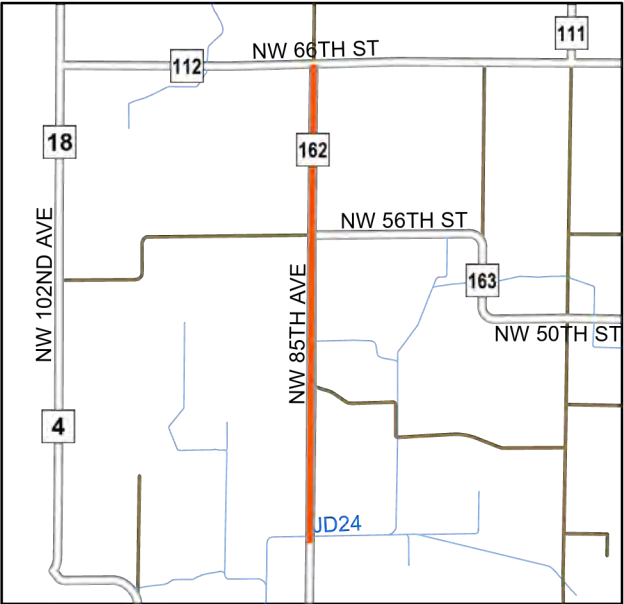
Project Number	Project Type
N/A	Rural Reconstruction

Functional Classification
Major Collector

Pavement Condition Index	ADT Existing	Legal Load Limit	Length
Gravel	65	9 ton	2.79

Project Description

Reconstruct and pave the existing aggregate road.



Project Justification

Provides farm to market route in northwest portion of the county.

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
To Be Determined							4,700,000	4,700,000
Total							4,700,000	\$4,700,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction							4,200,000	4,200,000
Design Engineering							400,000	400,000
Right of Way							100,000	100,000
Total							4,700,000	\$4,700,000

Construction Year: Unscheduled

Bridge 6743 - CSAH 45 over Turtle Creek

Owatonna Township

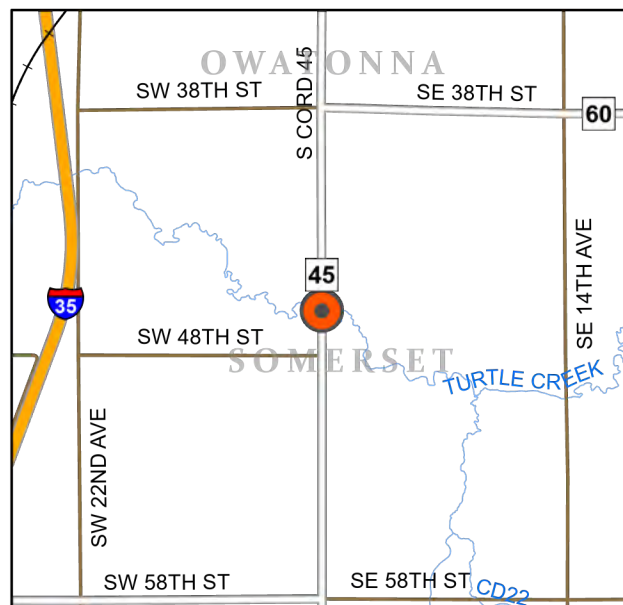
Project Number	Project Type
N/A	Bridge Replacement

Functional Classification
Major Collector

Pavement Condition Index	ADT Existing	Legal Load Limit	Length
95	3750	10 ton	0.03

Project Description

Replacing 53-foot steel beam span built in 1951.



Project Justification

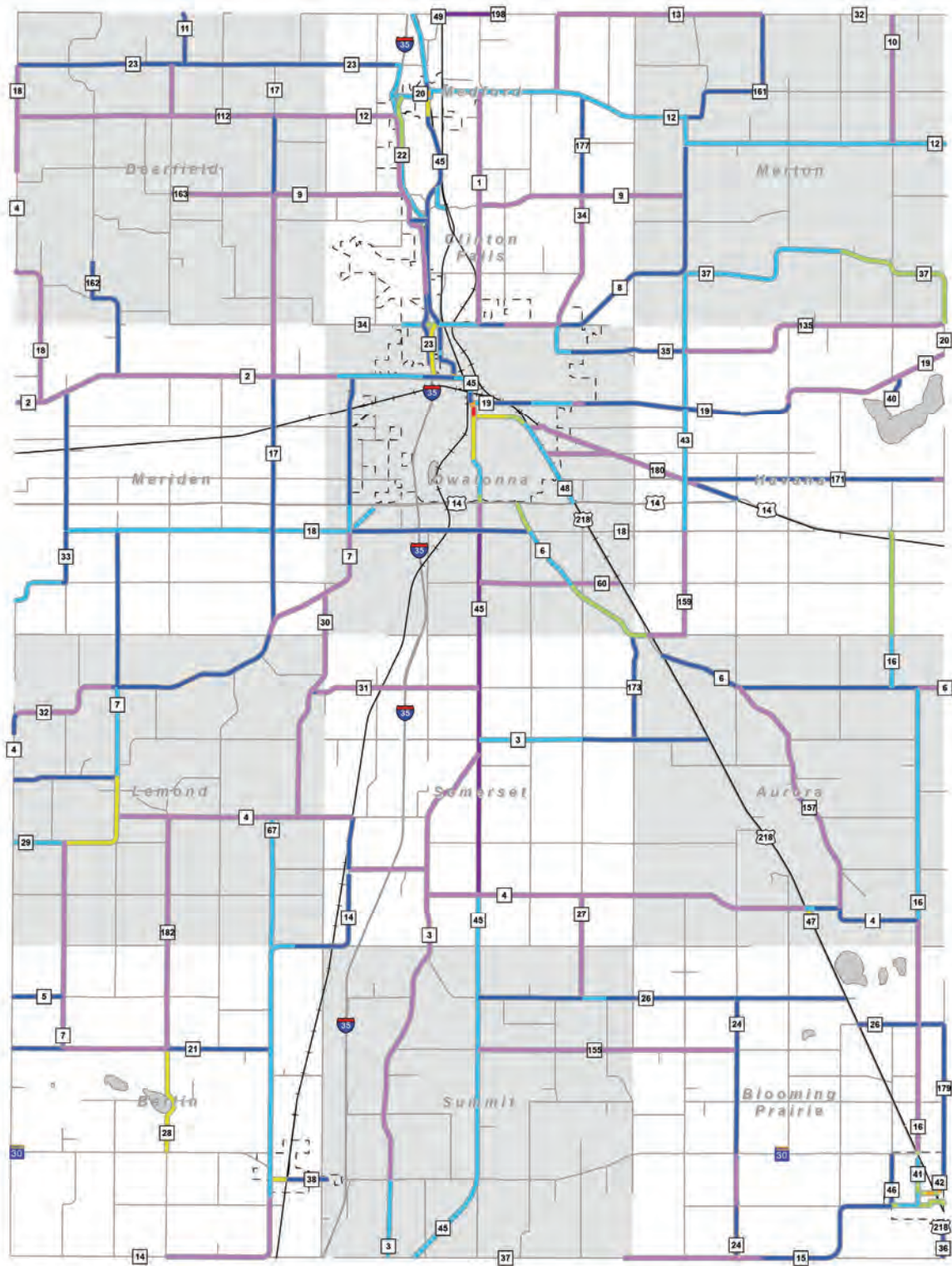
The bridge has a sufficiency rating of 56.9 out of 100 and is listed as structurally deficient. County Board Resolution on 1/28/2020 places it on the Prioritized Bridge Replacement List.

Funding Source	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Bridge Funding - Fund 29							275,000	275,000
Sales Tax Revenue					65,000		97,500	162,500
State Aid							162,500	162,500
Total					65,000		535,000	\$600,000

Expenditure Type	Prev. Years	2022	2023	2024	2025	2026	Fut. Years	Total
Construction							535,000	535,000
Design Engineering					65,000			65,000
Total					65,000		535,000	\$600,000

Pavement Condition Index Maps

Every two years, MnDOT collects pavement condition data using a digital inspection vehicle with multiple sensors that collect condition information about a highway, including pavement roughness and distresses. The County uses that information to determine the overall condition of the highway in a Pavement Condition Index (PCI) which rates the roadway on a 0-100 scale, with higher numbers indicating better pavement condition. The PCI ratings are determined for each segment of highway and are shown on the Pavement Condition Index maps following.

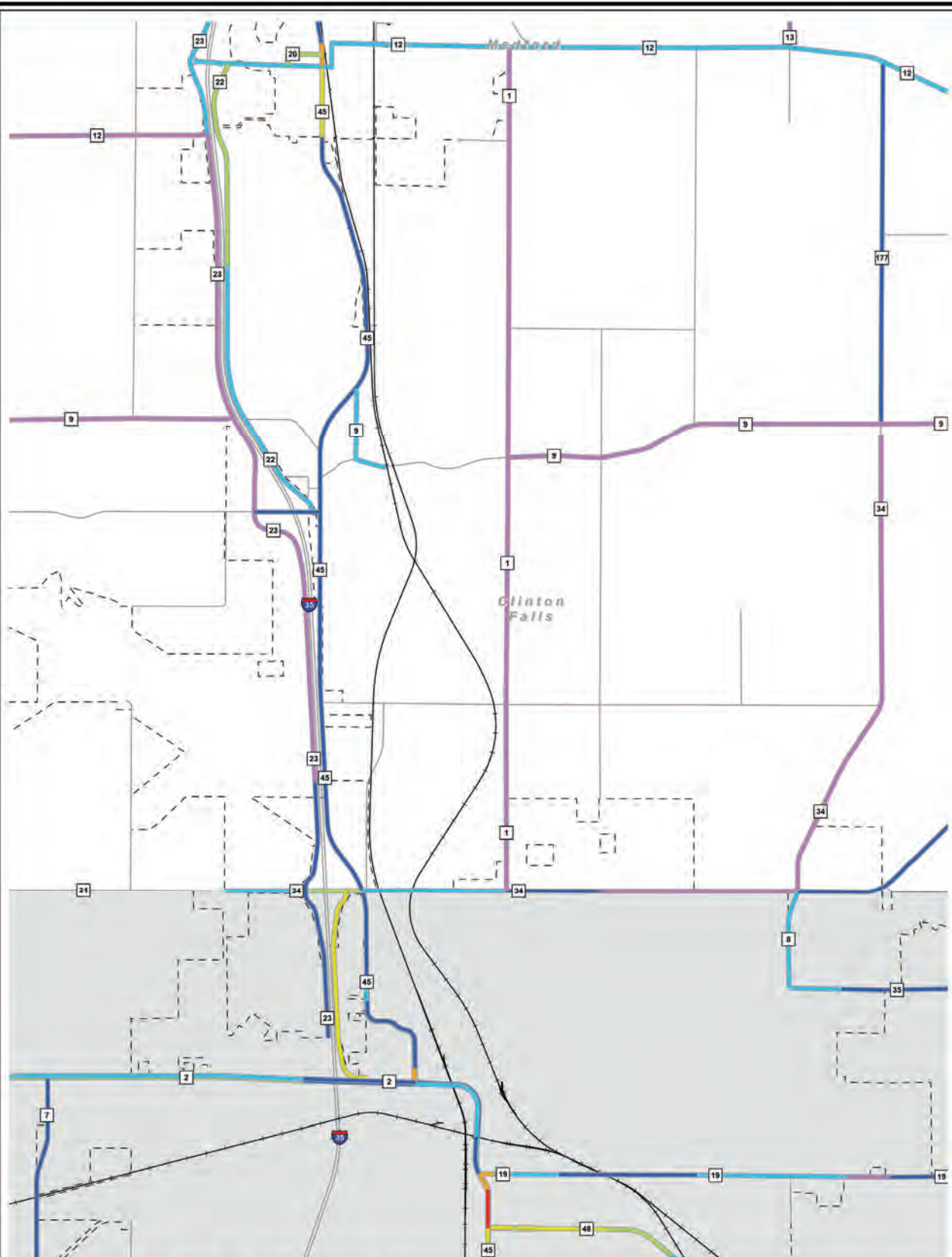


Steele County

**Pavement Condition
Index - 2020**



- Interstate
- US Highway
- State Highway
- CSAH (Not Rated)
- County Road (Not Rated)
- Township Road



Steele County

**Pavement Condition
Index - 2020**

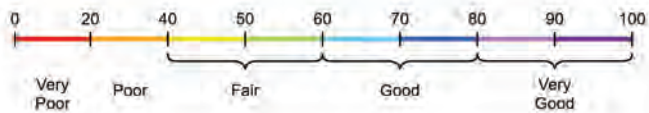


	Interstate
	US Highway
	State Highway
	CSAH (Not Rated)
	County Road (Not Rated)
	Township Road



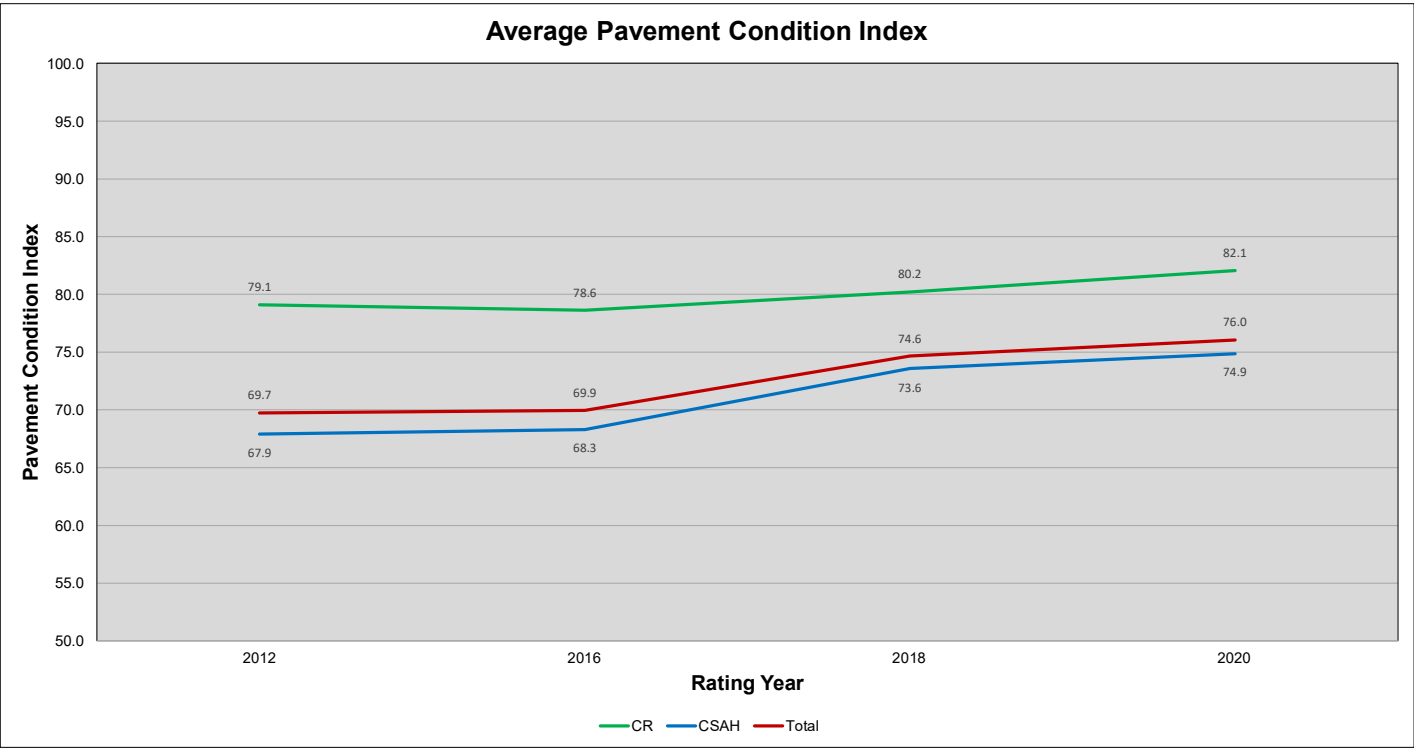
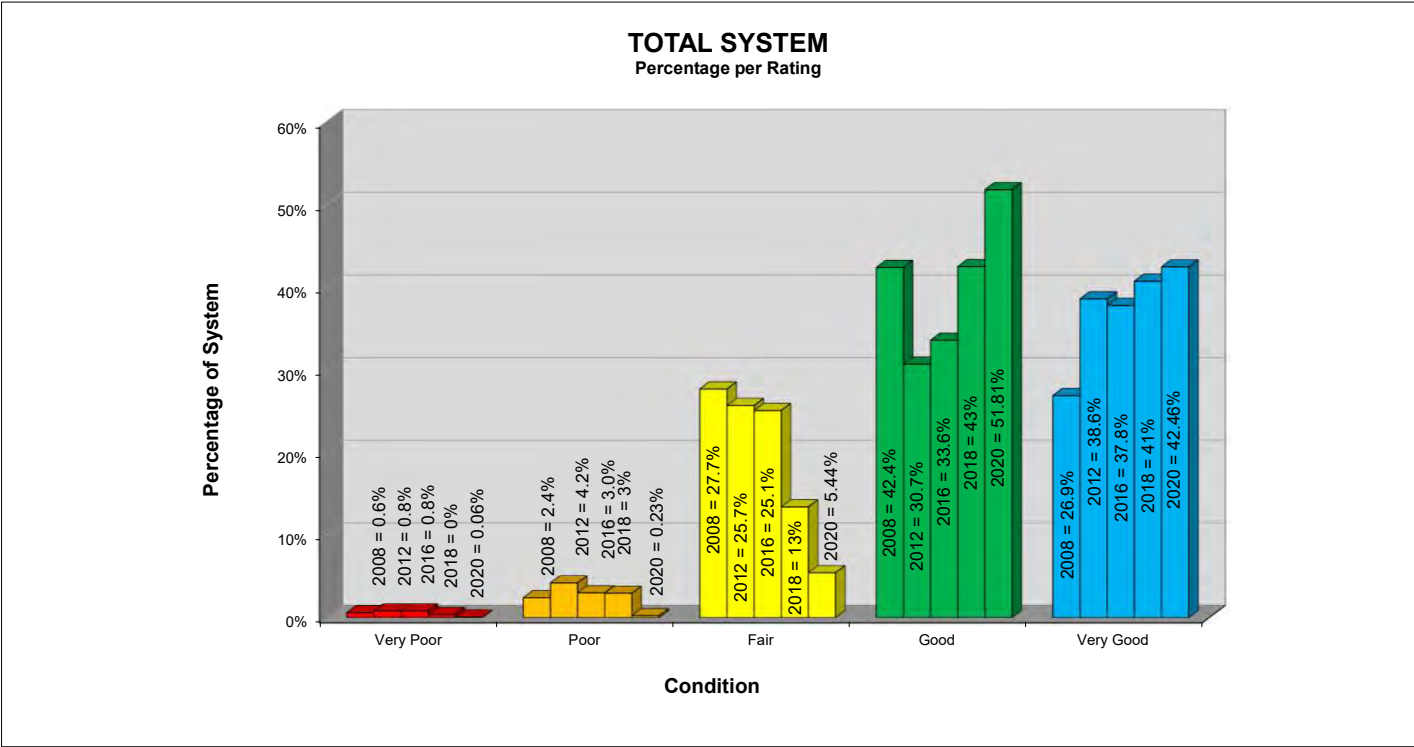
Steele County

Pavement Condition Index - 2020

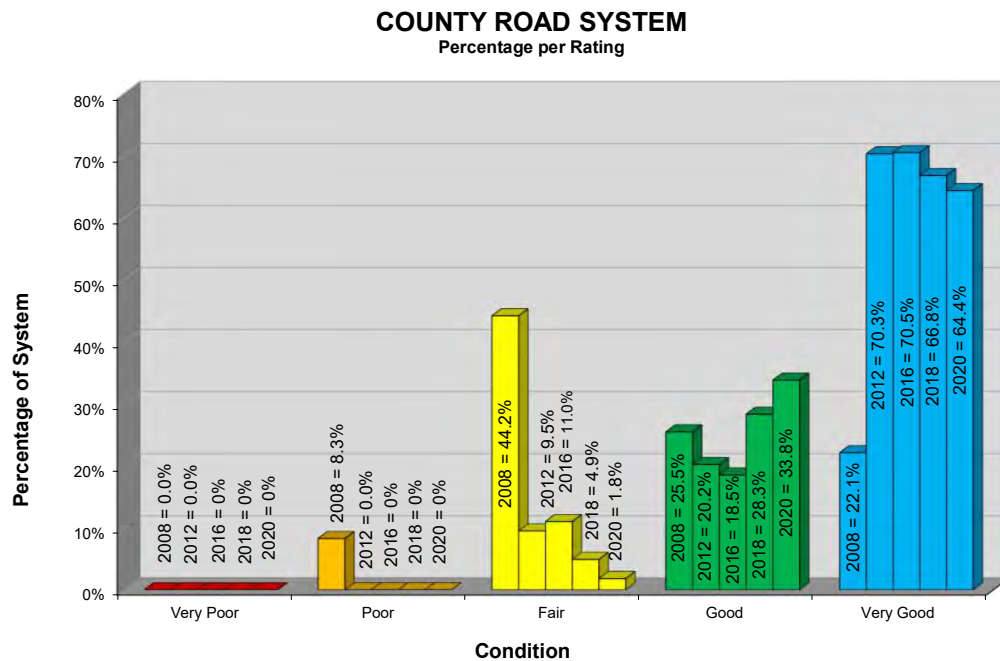
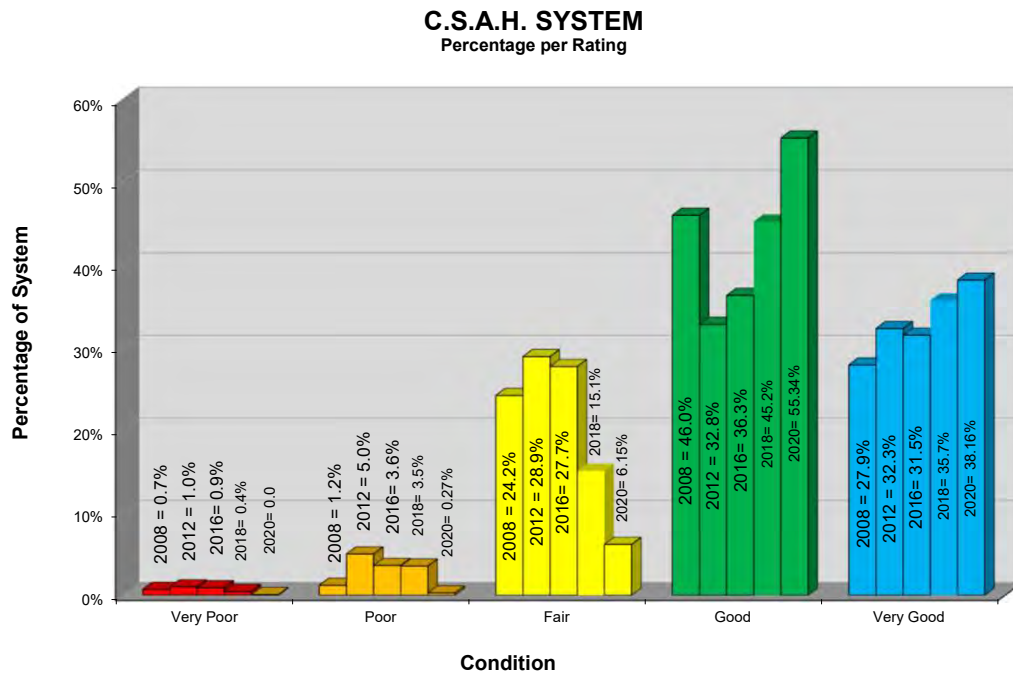


- Interstate
- US Highway
- State Highway
- CSAH (Not Rated)
- County Road (Not Rated)
- Township Road
- CITY STREET

Steele County Pavement Conditions



Steele County Pavement Conditions



Bridge Sufficiency Ratings/Local Planning Index

In 2020, MnDOT changed the bridge rating system from "Sufficiency Ratings" to "Local Planning Index". Both measure the bridge's condition on a 1-100 point scale, but have differing calculations. In the table below, the Sufficiency Rating and Local Planning Index are shown for comparison. The LPI uses a more risk based approach than the Sufficiency Rating, factoring both the consequence of a service interruption and the probability of service interruption.

Bridge Owner	Sufficiency Rating						LPI	
	2018		2019		2020		2020	
	Number	Average Rating *	Number	Average Rating *	Number	Average Rating *	Number	Average Rating
All	129	88.6	126	90.0	128	90.1	128	83.3
Township	54	79.3	51	85.6	51	87.9	51	80.9
County	71	89.9	71	89.9	73	90.1	73	85.7
Railroad	4	-	4	-	4	-	4	71.3

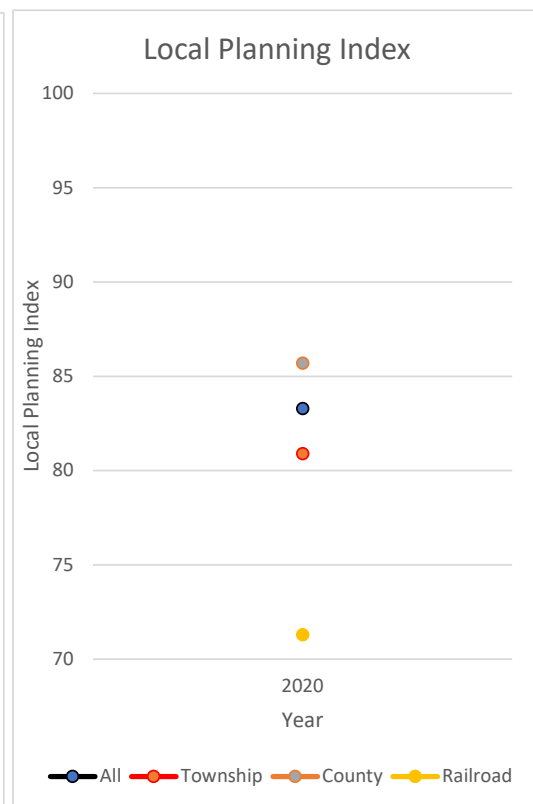
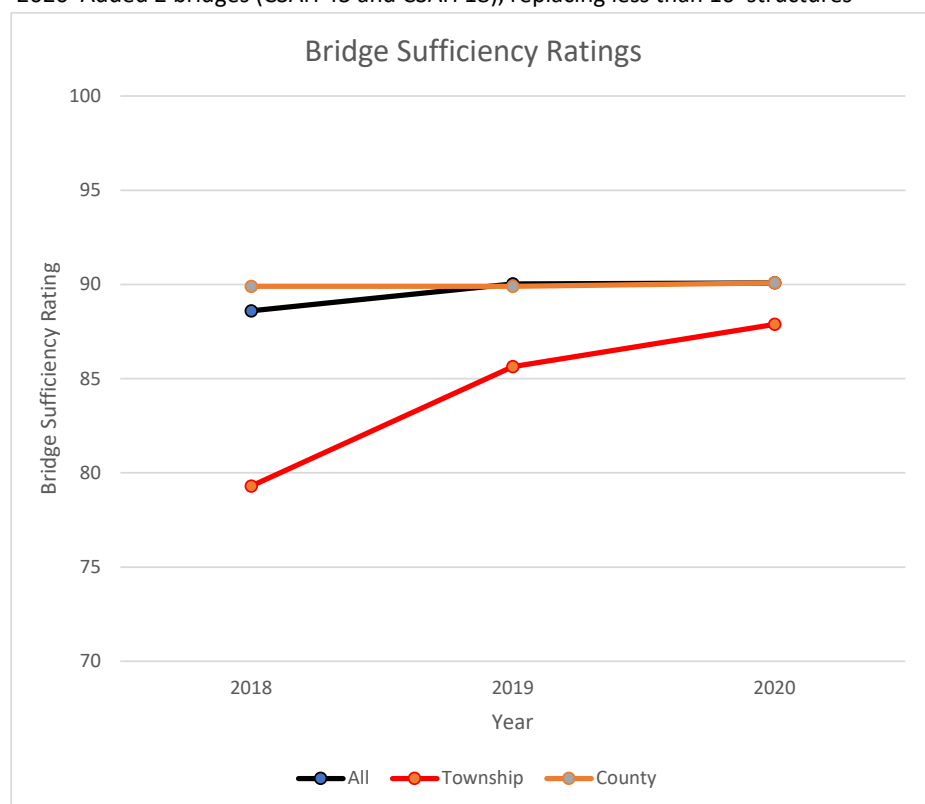
Notes:

2018 Two township bridges reconstructed

2019 Three private access bridges were removed from the inventory

*Does not include railroad bridges

2020 Added 2 bridges (CSAH 43 and CSAH 18), replacing less than 10' structures



RESOLUTION - PRIORITIZED BRIDGE REPLACEMENT LIST

WHEREAS, Steele County has reviewed the pertinent data on bridges requiring replacement, rehabilitation, or removal, supplied by local citizenry and local units of government, and

WHEREAS, Steele County has identified those bridges that are high priority and that require replacement, rehabilitation, or removal within the next five years.


NOW, THEREFORE BE IT RESOLVED that the following deficient bridges are high priority and Steele County intends to replace, rehabilitate, or remove these bridges as soon as possible when funds are available,

Old Bridge Number	Bridge Description	Total Project Cost	Township or State Bridge Funds	Federal Funds	Local or State Aid Funds	Proposed Construction Year
N/A	34th Ave SE over Ditch	\$225,000	\$205,000	\$0	\$20,000	2021
92779	CSAH 6 over Ditch	\$225,000	\$100,000	\$0	\$125,000	2022
89080	CSAH 28 over Ditch	\$225,000	\$100,000	\$0	\$125,000	2022
95975	8th St SW over Ditch	\$225,000	\$205,000	\$0	\$20,000	2022
74504	44th Ave SE over Straight River	\$225,000	\$205,000	\$0	\$20,000	2023
74513	CR 162 over Crane Creek	\$850,000	\$720,000	\$0	\$130,000	2023
L3951	34th Ave NE over Medford Cr	\$225,000	\$205,000	\$0	\$20,000	2023
95786	18th St SE over Ditch	\$200,000	\$180,000	\$0	\$20,000	2024
4686	CR 180 over Izaak Walton Cr	\$3,550,000	\$300,000	\$0	\$3,250,000	2024
L5798	76th St NE over Rush Creek	\$200,000	\$180,000	\$0	\$20,000	2024
74524	14th Ave NE over Medford Cr	\$225,000	\$205,000	\$0	\$20,000	2025
L5573	50th St NW over Straight River	\$105,000	\$85,000	\$0	\$20,000	2025
74507	34th Ave NE over Rush Creek	\$225,000	\$205,000	\$0	\$20,000	2025
74519	CSAH 43 over Ditch	\$500,000	\$125,000	\$0	\$375,000	2026
L8592	64th Ave NE over Maple Cr	\$225,000	\$205,000	\$0	\$20,000	2026

BE IT FURTHER RESOLVED, Steele County does hereby request authorization to replace, rehabilitate, or remove such bridges; and

BE IT FURTHER RESOLVED, Steele County does hereby request financial assistance with eligible approach grading and engineering costs on township bridges, as provided by law.


STEELE COUNTY
BOARD OF COMMISSIONERS


James Brady, Chair

CERTIFICATION

STATE OF MINNESOTA
COUNTY OF STEELE

I hereby certify that the foregoing Resolution is a true and correct copy of the Resolution presented to and adopted by the Steele County Board at a duly authorized meeting thereof held on the 26th day of January 2021, as shown by the minutes of said meeting in my possession


Laura Ihrke, Steele County Auditor