



**PUBLIC WORKS**

**5 - YEAR PLAN**

**Highway & Bridge Construction**

**2020 - 2024**

# McLeod County Public Works 5 - Year Plan

## Background:

- The 5-Year Plan is developed by the County Engineer and Highway staff to aid with budgeting, planning, programming, and construction of highway and bridge improvement projects.
- The 5-Year Plan is presented to the County Board for review and approval.

## What factors go into the development of the plan?

Numerous factors are considered when developing the 5 Year Plan, below are the most essential:

- **Traffic Volume (ADT=Average Daily Traffic)** The higher ADT routes will typically receive higher priority.
- **Crash Data** Segments with higher numbers of accidents or crashes will be analyzed and given higher consideration.
- **Pavement Condition** Roads with poor surface condition and/or ride quality are typically given higher consideration.
- **Sufficiency Rating** Bridge projects are generally prioritized based on the condition of the various elements (deck, piling, etc.).
- **Alignment** Bridges and roads with poor vertical and horizontal alignment are taken into consideration as well.
- **Fund Availability** Most projects require local money; there must be a local commitment in place before a project is added to the plan.

## Is this 5-Year Plan “Set in Stone” ?

**NO** - This is only a plan; Funding levels change, County Board directives change, etc. It is the goal of McLeod County Public Works to maintain this schedule to the best of our ability with the resources given to us.

## Questions or Comments?

Please feel free to contact us at (320) 484-4321 or [mcleod.highway@co.mcleod.mn.us](mailto:mcleod.highway@co.mcleod.mn.us) with any questions or comments.

John Brunkhorst, PE      County Engineer/Public Works Director

# 2020 CONSTRUCTION PLAN

ROAD	LOCATION & DESCRIPTION	FUNDING SOURCES								
		State Aid Regular Account	State Aid Municipal Account	County Funds Levy	County Funds Wheelage	TWP/City/ Other Funds	Federal Funds	Town Bridge Account	Bonding Grant	Total Project Cost
CSAH 19	Rehabilitation CSAH 12 to NCL <i>possible Meeker tied project</i>			\$1,800,000						\$1,800,000
CSAH 15	Reconstruction - Morningside 11th to 16th street	\$1,900,000				\$2,350,000	\$180,000		\$2,350,000	\$6,780,000
CSAH 11	Replace Bridge 43504 west of CR 66 <b>Bond funds SECURED</b>	\$509,000							\$302,455	\$811,455
CR 54	Bituminous Surfacing CR 87 to CSAH 7			\$50,000	\$750,000					\$800,000
CSAH 3 & 15	Ground In Striping and Rumble StripEs <b>** Federal Funds SECURED</b>			\$25,000			\$223,534			\$248,534
CSAH 7	Shoulder Paving/Rumble StripEs 212 to South Grade Road <b>** Federal Funds SECURED</b>			\$280,000			\$298,567			\$578,567
Various	County Funded Rehabilitation Projects TBD			\$296,167						\$296,167
Various	County Funded Pavement Marking TBD			\$75,000						\$75,000
Various	County Funded Seal Coat Projects TBD			\$500,000						\$500,000
<b>2020 FUNDING SUMMARY</b>		<b>\$2,409,000</b>	<b>\$0</b>	<b>\$3,026,167</b>	<b>\$750,000</b>	<b>\$2,350,000</b>	<b>\$702,101</b>	<b>\$0</b>	<b>\$2,652,455</b>	<b>\$11,889,723</b>

# 2021 CONSTRUCTION PLAN

ROAD	LOCATION & DESCRIPTION	FUNDING SOURCES								
		State Aid Regular Account	State Aid Municipal Account	County Funds Levy & Misc.	County Funds LOST	TWP/City/ Other Funds	Federal Funds	Town Bridge Account	Bonding Grant	Total Project Cost
CSAH 115	Concrete Overlay CSAH 7 to TH 22 3.3 miles <i>County Bond \$</i>			\$200,000	\$2,100,000					\$2,300,000
CR 57	Replace Bridge 43501 north of CSAH 17 <i>Contingent on Bond Funds</i>			\$50,000					\$450,000	\$500,000
CSAH 13	Replace Bridge 43502 north of CSAH 17 <i>Contingent on Bond Funds</i>	\$300,000							\$250,000	\$550,000
CSAH 15	Concrete Overlay 16th Street to CSAH 3 0.85 miles <i>County Bond \$</i>	\$100,000			\$600,000					\$700,000
Various	Concrete Pavement Repair Various Locations McCuen creek patch			\$300,000						\$300,000
Acoma Twp	Replace Bridge L9240 200th Street <i>Contingent on Town Bridge Funds and Acoma Approval</i>					\$20,000			\$250,000	\$270,000
Various	Countywide 6" Pavement Marking <i>** Federal Funds SECURED</i>			\$6,178			\$55,598			\$61,776
Various	Bridge Deck Maintenance Seal some County bridge decks			\$400,000						\$400,000
Various	County Funded Rehabilitation Projects TBD			\$400,000						\$400,000
Various	County Funded Pavement Marking TBD			\$75,000						\$75,000
Various	County Funded Seal Coat Projects TBD			\$500,000						\$500,000
<b>2021 FUNDING SUMMARY</b>		<b>\$400,000</b>	<b>\$0</b>	<b>\$1,931,178</b>	<b>\$2,700,000</b>	<b>\$20,000</b>	<b>\$55,598</b>	<b>\$0</b>	<b>\$950,000</b>	<b>\$6,056,776</b>

# 2022 CONSTRUCTION PLAN

ROAD	LOCATION & DESCRIPTION	FUNDING SOURCES									
		State Aid Regular Account	State Aid Municipal Account	County Funds Levy & Misc.	County Funds LOST	TWP/City/ Other Funds	Federal Funds	Town Bridge Account	Bonding Grant	Total Project Cost	
CSAH 1	Concrete Overlay Sibley Co. to CSAH 3 <i>** Federal Funds SECURED</i>	5 miles	\$600,000					\$2,600,000			\$3,200,000
	Concrete Overlay CSAH 3 to CSAH 22	6 miles	\$3,900,000								\$3,900,000
CSAH 2	Concrete Overlay Sibley Co. to US 212 <i>County Bond \$</i>	3.3 miles				\$1,700,000					\$1,700,000
CSAH 3	Concrete Overlay TH 15 to CR 75	3.95 miles				\$2,400,000					\$2,400,000
CSAH 13	Rehabilitation US 212 to Sibley Co. Line	7.4 miles			\$1,500,000						\$1,500,000
CSAH 15 CSAH 33	Trail Rehabilitation CSAH 2 to CSAH 15 to US 212	1.5 miles			\$150,000						\$150,000
Various	Countywide 6" Pavement Marking <i>** Federal Funds SECURED</i>				\$5,046			\$45,415			\$50,461
Various	County Funded Rehabilitation Projects TBD										\$0
Various	County Funded Pavement Marking TBD				\$100,000						\$100,000
Various	County Funded Seal Coat Projects TBD				\$500,000						\$500,000
<b>2022 FUNDING SUMMARY</b>			<b>\$4,500,000</b>	<b>\$0</b>	<b>\$2,255,046</b>	<b>\$4,100,000</b>	<b>\$0</b>	<b>\$2,645,415</b>	<b>\$0</b>	<b>\$0</b>	<b>\$13,500,461</b>

# 2023 CONSTRUCTION PLAN

ROAD	LOCATION & DESCRIPTION	FUNDING SOURCES								
		State Aid Regular Account	State Aid Municipal Account	County Funds Levy & Misc.	County Funds LOST	TWP/City/ Other Funds	Federal Funds	Town Bridge Account	Bonding Grant	Total Project Cost
CR 71	Bridge 43515 deck overlay North of TH 22			\$150,000						\$150,000
CSAH 9	Bridge 43509 deck overlay North of 212			\$150,000						\$150,000
CR 74	Replace Bridge 43507 east of CSAH 9 <b>Contingent on Bond Funds</b>			\$100,000					\$800,000	\$900,000
CSAH 1 CSAH 2 CSAH 115	Pavement Marking - GIWR Edge Lines <b>** Federal Funds SECURED</b>			\$13,061			\$117,551			\$130,612
Various	County Funded Rehabilitation Projects TBD			\$1,000,000						\$1,000,000
Various	County Funded Pavement Marking TBD			\$100,000						\$100,000
Various	County Funded Seal Coat Projects TBD			\$500,000						\$500,000
<b>2023 FUNDING SUMMARY</b>		<b>\$0</b>	<b>\$0</b>	<b>\$2,013,061</b>	<b>\$0</b>	<b>\$0</b>	<b>\$117,551</b>	<b>\$0</b>	<b>\$800,000</b>	<b>\$2,930,612</b>

# 2024 CONSTRUCTION PLAN

ROAD	LOCATION & DESCRIPTION	FUNDING SOURCES								
		State Aid Regular Account	State Aid Municipal Account	County Funds Levy & Misc.	County Funds LOST	TWP/City/ Other Funds	Federal Funds	Town Bridge Account	Bonding Grant	Total Project Cost
CSAH 18	Concrete Overlay Renville Co. Line to TH 15 6 miles <b>Contingent on Federal Funds</b>	\$720,000					\$2,880,000			\$3,600,000
CSAH 3 CSAH 15 CSAH 115	Pavement Marking - GIWR Edge Lines & Rumble StripEs <b>Contingent on Federal Funds</b>			\$10,500			\$95,000			\$105,500
Various	County Funded Rehabilitation Projects TBD			\$1,500,000						\$1,500,000
Various	County Funded Pavement Marking TBD			\$100,000						\$100,000
Various	County Funded Seal Coat Projects TBD			\$500,000						\$500,000
<b>2024 FUNDING SUMMARY</b>		<b>\$720,000</b>	<b>\$0</b>	<b>\$2,110,500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,975,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,805,500</b>