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TO: Honorable County Commissioners
Scott Arneson, County Administrator

FROM: Jess Greenwood, Public Works Director / County Engineer

RE: 06 Feb 24 County Board Meeting
Five-Year Highway Construction Program

Date: 29 Jan 24

Summary

It is requested that the County Board approve the attached Five-Year County Highway Construction program.

Background

This Highway Construction program is an update to the last approved Five-Year County Highway Construction program, which was approved by the Board on 07 Feb 23.

The projects highlighted in pink are on our list of projects that were authorized to use Local Optional Sales Tax (LOST) proceeds in 2023. This list was simply all projects in our 2023 Five-Year Construction program.

The 2024 program includes the following:

- Bituminous surfacing on CSAH 8, 28, 63, & CSAH 21 bike trail.
- Grading and Concrete Surfacing of CSAH 1 (100th Ave)
- TH 58 / CSAH 9 Roundabout in conjunction with Mn/DOT
- Culvert lining on CSAH 11
- Bridge replacement on CR 45

The 2024 construction program consists of grading, paving, and bridge replacement amongst other projects. It has been a while since Goodhue County had this diverse of a program in a given year. Part of this is due to having to move the CSAH 2 grading project from 2024 to 2025 and advance some of the bituminous paving projects from 2025 into 2024.

A few new projects have been included throughout the 5-year program to account for bridge replacements, intersection improvements, to help safety issues, and a partnering project with Wabasha County. The estimated net sum of the additions being \$2,725,000. In total, the 5-year program accounts for an estimated \$68,475,000 in projects. The new additions amount to 3.97% of that total. With the inflation of construction materials and labor hovering around a 64% increase, the approximated 10% increase in State Aid funding for 2024 does not make up that difference which accounts for a shortage of new projects.

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As always, this is a living document; projects may be moved as their conditions deteriorate, new projects may be added as funding programs and grants change or due to other extenuating circumstances.

Alternatives

- Revise the program before approval.
- Approve the Five-Year Highway Construction program as presented, allowing staff to present the program to the public and to prepare plans to deliver projects for construction.

Recommendations

It is the recommendation of staff that the Board discuss and approve the attached Five-Year Highway Construction program so staff can work to deliver those projects.

It is also recommended that the County reconsider and develop a new list of projects that are eligible for LOST funding under another agenda item during this Board meeting.

2024 - 2028 PROPOSED 5-YEAR COUNTY ROAD PROGRAM						
YEAR	ROAD #	TYPE OF PROJECT	TERMINI	LENGTH	EST COST	FUNDING
2024	100TH AVE	GRADING	CSAH 9 - CSAH 1	1.9	\$4,350,000	
	100TH AVE	SURFACING (CONC)	INITIAL PAVEMENT CSAH 9 - CSAH 1	1.9	\$2,000,000	
	CSAH 8	SURFACING	FDR (CSAH 1 - TH 57)	4.4	\$2,700,000	
	CSAH 21	TRAIL SURFACING	FDR (TH 58 - CIRCLE S ROAD)	4.7	\$600,000	
	CSAH 28	SURFACING	FDR (CSAH 2 - END OF ROAD)	1.8	\$700,000	
	CSAH 63	SURFACING	MILL & FILL (TH 57 - TH 57)	0.3	\$150,000	
	CSAH 9	ROUNDABOUT	CSAH 9 & TH 58		\$1,500,000	
	CSAH 11	CULVERT LINING	WABASHA CO LINE TO 1.3 Mi SOUTH	1.3	\$125,000	
	CR 45	REPLACE BR 25502	(State Bridge Bond \$\$\$ If Available)		\$850,000	
			TOTAL 2024 PROJECT COSTS		\$12,975,000	
			EST BALANCE FWD			\$5,954,680
			MUN CSAH			\$150,000
			EST STATE AID			\$4,889,031
			LOCAL			\$2,100,000
			LOST			\$4,500,000
			FEDERAL			\$1,400,000
						\$18,993,711
2025	CSAH 2	GRADING	CSAH 5 - TH 61	4.8	\$8,700,000	
	CSAH 12	MUN GRADING	IN KENYON, EAST SIDE	0.5	\$750,000	
	CSAH 8	REPLACE BR 25516	(State Bridge Bond \$\$\$ If Available)		\$1,500,000	
	CSAH 7	REPLACE BR 25530	(State Bridge Bond \$\$\$ If Available)		\$1,000,000	
			TOTAL 2025 PROJECT COSTS		\$11,950,000	
			MUN CSAH			\$750,000
			EST STATE AID			\$4,889,031
			LOCAL			\$2,100,000
			LOST			\$4,500,000
			FEDERAL			\$708,000
						\$12,947,031

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2024 - 2028 PROPOSED 5-YEAR COUNTY ROAD PROGRAM

YEAR	ROAD #	TYPE OF PROJECT	TERMINI	LENGTH	EST COST	FUNDING	
2026	CSAH 1 & 6	INTERSECTION	CSAH 1 & 6	0.1	\$300,000		
	CSAH 2	SURFACING (CONC)	INITIAL PAVEMENT (CSAH 5 - TH 61)	4.8	\$4,100,000		
	CSAH 11	GRADING	CR 55 TO ECL	5.2	\$9,880,000		
	CSAH 7	REPLACE BR L0415	(State Bridge Bond \$\$\$ If Available)		\$300,000		
	CSAH 7	REPLACE BR L0416	(State Bridge Bond \$\$\$ If Available)		\$300,000		
				TOTAL 2026 PROJECT COSTS		\$14,880,000	
							EST STATE AID
						LOCAL	
						LOST	
						\$4,889,031	
						\$2,100,000	
						\$4,500,000	
						\$11,489,031	
2027	CSAH 1	GRADING & PAVING	CSAH 1 - 2500' EAST OF CSAH 25	1.0	\$2,750,000		
	CSAH 1	SURFACING (CONC)	CR 53 - BENCH STREET	5.0	\$7,000,000		
	CSAH 1 & 66	INTERSECTION	CSAH 1 & 66	0.1	\$1,000,000		
	CSAH 11	INITIAL SURFACING	CR 55 - ECL	5.2	\$3,120,000		
	CSAH 12	REPLACE BR L0470	(State Bridge Bond \$\$\$ If Available)		\$400,000		
	CR 43	REPLACE BR 25573	(State Bridge Bond \$\$\$ If Available)		\$1,000,000		
	CR 44	REPLACE BR L0519	(State Bridge Bond \$\$\$ If Available)		\$1,000,000		
				TOTAL 2027 PROJECT COSTS		\$16,270,000	
						EST STATE AID	
						LOCAL	
						LOST	
						FEDERAL	
						\$4,889,031	
						\$2,100,000	
						\$4,500,000	
						\$714,000	
						\$12,203,031	
2028	CSAH 11	GRADING	CR 27 - PINE ISLAND	6.0	\$11,400,000		
	CSAH 62	MUN GRADING	S MAIN ST. IN PINE ISLAND	0.2	\$500,000		
	CR 56	REPLACE BR L0544	(State Bridge Bond \$\$\$ If Available)		\$500,000		
				TOTAL 2028 PROJECT COSTS		\$12,400,000	
						MUN CSAH	
						EST STATE AID	
						LOCAL	
						LOST	
						\$500,000	
						\$4,889,031	
						\$2,100,000	
						\$4,500,000	
						\$11,989,031	

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