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TO: Honorable County Commissioners
Scott Arneson, County Administrator

FROM: Jess Greenwood, Deputy Director / Assistant Engineer

RE: 07 Feb 23 County Board Meeting
Updated County Highway Construction Program

Date: 22 Jan 23

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 approved by the Board on 01 Feb 22.

The projects highlighted in pink are on our list of projects that were authorized to use Local Optional Sales Tax (LOST) proceeds in 2022. This list was simply all projects in our 2022 Five-Year Construction program.

The 2023 program includes;

- Bituminous surfacing on CSAH 4, 6, 7, 18, and CR's 48 & 53.
- Concrete rehabilitation on CSAH 6.
- The replacement of Bridge 25501 on CSAH 2.

The 2023 program consists of several paving projects. We have included some 'Mill and Fill' projects where several inches are removed from the top of the pavement and replaced with new bituminous. These projects cost less and have a shorter life span before the road surfaces return to existing conditions. We are planning to use these projects to get another 10 or more years out of the existing pavements and then program either a regrading project or a full depth reclamation (FDR) project when needed.

As always, this is a living document; paving projects may be moved up as their pavements 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.

"To effectively promote the safety, health, and well-being of our residents"

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.

2023 - 2027 PROPOSED 5-YEAR COUNTY ROAD PROGRAM						
YEAR	ROAD #	TYPE OF PROJECT	TERMINI	LENGTH	EST COST	FUNDING
2023	CSAH 4	SURFACING	FDR (CSAH 16 - TH 58)	6.9	\$3,200,000	
	CSAH 6	SURFACING	MILL & FILL (CSAH 1 - TH 19)	4.9	\$1,100,000	
	CSAH 7	SURFACING	MILL & FILL (TH 52 - CSAH 9)		\$1,200,000	
	CSAH 18	SURFACING	MILL & FILL (South Bridge - Dakota County)		\$2,000,000	
	CR 48	SURFACING	FDR (CSAH 10 - CSAH 4)	2.5	\$1,300,000	
	CR 53	SURFACING	FDR (CSAH 1 - SPRING CREEEK)	4.9	\$2,200,000	
	CSAH 6	REHABILITATION	CONCRETE GRINDING (CSAH 9 - CSAH 1)	5.2	\$650,000	
	CSAH 2	REPLACE BR 25501	BRIDGE SOUTH OF CR 45		<u>\$800,000</u>	
	TOTAL 2023 PROJECT COSTS					\$12,450,000
					EST BALANCE FWD	\$6,254,345
					EST STATE AID	\$4,159,639
					LOCAL	\$2,100,000
					LOST	<u>\$4,000,000</u>
						\$16,513,984
2024	CSAH 2	GRADING	CSAH 5 - TH 61	4.8	\$7,200,000	
	100TH AVE	GRADING	CSAH 9 - CSAH 1	1.8	\$2,700,000	
	100TH AVE	SURFACING (CONC)	INITIAL PAVEMENT CSAH 9 - CSAH 1	1.8	\$1,350,000	
	CSAH 21	TRAIL SURFACING	FDR (TH 58 – CIRCLE S ROAD)	4.7	\$500,000	
	CSAH 28	SURFACING	FDR (CSAH 2 - END OF ROAD)	1.8	\$720,000	
	CSAH 63	SURFACING	MILL & FILL (TH 57 - TH 57)	0.3	\$200,000	
	CSAH 9	ROUNDAABOUT	CSAH 9 & TH 58		\$1,100,000	
	CR 45	REPLACE BR 25502	(State Bridge Bond \$\$\$ If Available)		<u>\$850,000</u>	
	TOTAL 2024 PROJECT COSTS					\$14,620,000
					MUN CSAH	\$200,000
					EST STATE AID	\$4,159,639
					LOCAL	\$2,100,000
					LOST	<u>\$4,000,000</u>
						\$10,459,639

2023 - 2027 PROPOSED 5-YEAR COUNTY ROAD PROGRAM

YEAR	ROAD #	TYPE OF PROJECT	TERMINI	LENGTH	EST COST	FUNDING
2025	CSAH 2	SURFACING (CONC)	INITIAL PAVEMENT (CSAH 5 - TH 61)	4.8	\$3,600,000	
	CSAH 8	SURFACING	FDR (CSAH 1 - TH 57)	4.4	\$2,300,000	
	CSAH 12	MUN GRADING	IN KENYON, EAST SIDE	0.5	\$750,000	
	CSAH 8	REPLACE BR 25516	(State Bridge Bond \$\$\$ If Available)		<u>\$970,000</u>	
TOTAL 2025 PROJECT COSTS					\$7,620,000	
						MUN CSAH \$750,000
						EST STATE AID \$4,159,639
						LOCAL \$2,100,000
						LOST \$4,000,000
						FEDERAL <u>\$708,000</u>
						\$11,717,639
2026	CSAH 1	GRADING & PAVING	CSAH 1 – 2500' EAST OF CSAH 25	1.0	\$1,500,000	
	CSAH 1	SURFACING (CONC)	CR 53 - BENCH STREET	5.0	\$3,900,000	
	CSAH 11	GRADING	CR 55 TO ECL	5.2	\$7,800,000	
	CSAH 7	REPLACE BR L0415	(State Bridge Bond \$\$\$ If Available)		<u>\$300,000</u>	
TOTAL 2026 PROJECT COSTS					\$13,500,000	
						EST STATE AID \$4,159,639
						LOCAL \$2,100,000
						LOST \$4,000,000
						\$10,259,639
2027	CSAH 11	INITIAL SURFACING	CR 55 - ECL	5.2	\$2,860,000	
	CSAH 11	GRADING	CR 27 - PINE ISLAND	6.0	\$8,100,000	
	CSAH 62	MUN GRADING	S MAIN ST. IN PINE ISLAND	0.2	\$300,000	
	CSAH 12	REPLACE BR L0470	(State Bridge Bond \$\$\$ If Available)		\$400,000	
	CR 43	REPLACE BR 25573	(State Bridge Bond \$\$\$ If Available)		\$750,000	
	CR 44	REPLACE BR L0519	(State Bridge Bond \$\$\$ If Available)		<u>\$300,000</u>	
TOTAL 2027 PROJECT COSTS					\$12,710,000	
						MUN CSAH \$300,000
						EST STATE AID \$4,159,639
						LOCAL \$2,100,000
						LOST \$4,000,000
						FEDERAL \$4,650,000
						\$15,209,639