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CITY OF SAINT PAUL

Department of Public Works
5-Year Capital Plan
2023-2027

Wednesday, November 2, 2022



Agenda

- 2022 Project Highlights
- What's New in Capital Funding for Public Works
- 5-Year Capital Plan (2023 – 2027) for Council Approval
- Review Map of 2023-2027 Capital Program
- Closer Look at Next Year - 2023

2022 Project Highlights

A large, dark blue silhouette of a building dome, likely the U.S. Capitol, is positioned on the right side of the slide, partially overlapping the text area.

2022 Project Highlight

RSVP Improvements

Griggs-Scheffer Ph I



2022 Project Highlight

RSVP Improvements

Griggs-Scheffer Ph I



2022 Project Highlight

Pedestrian Crossing Improvements (Bumpouts/Center Median)

Marion Avenue



2022 Project Highlight

Intersection Safety Improvements (Sidewalk, ADA, Bumpouts)

E. 7th Street @ Atlantic



2022 Project Highlight

Intersection Safety Improvements

(Sidewalk, ADA, Bumpouts)

E. 7th Street @ Atlantic



2022 Project Highlight

Pavement Reclamation Project

Battle Creek Road



2022 Project Highlight

Pavement Reclamation Project

Battle Creek Road



2022 Project Highlight

Prior Avenue Reconstruction

University to St. Anthony



2022 Project Highlight

Prior Avenue Reconstruction

University to St. Anthony



2022 Project Highlight

Wabasha Street Reconstruction & Capital City Bikeway



2022 Project Highlight

Wabasha Street Reconstruction & Capital City Bikeway



2022 Project Highlight

Mill & Overlay

Summit Avenue



2022 Project Highlight

Mill & Overlay

Summit Avenue



2022 Project Highlight

Mill & Overlay

Mississippi River Boulevard



2022 Project Highlight

Mill & Overlay

Mississippi River Boulevard



2022 Project Highlight

Mill & Overlay

Hamline Avenue



2022 Project Highlight

Mill & Overlay

Hamline Avenue

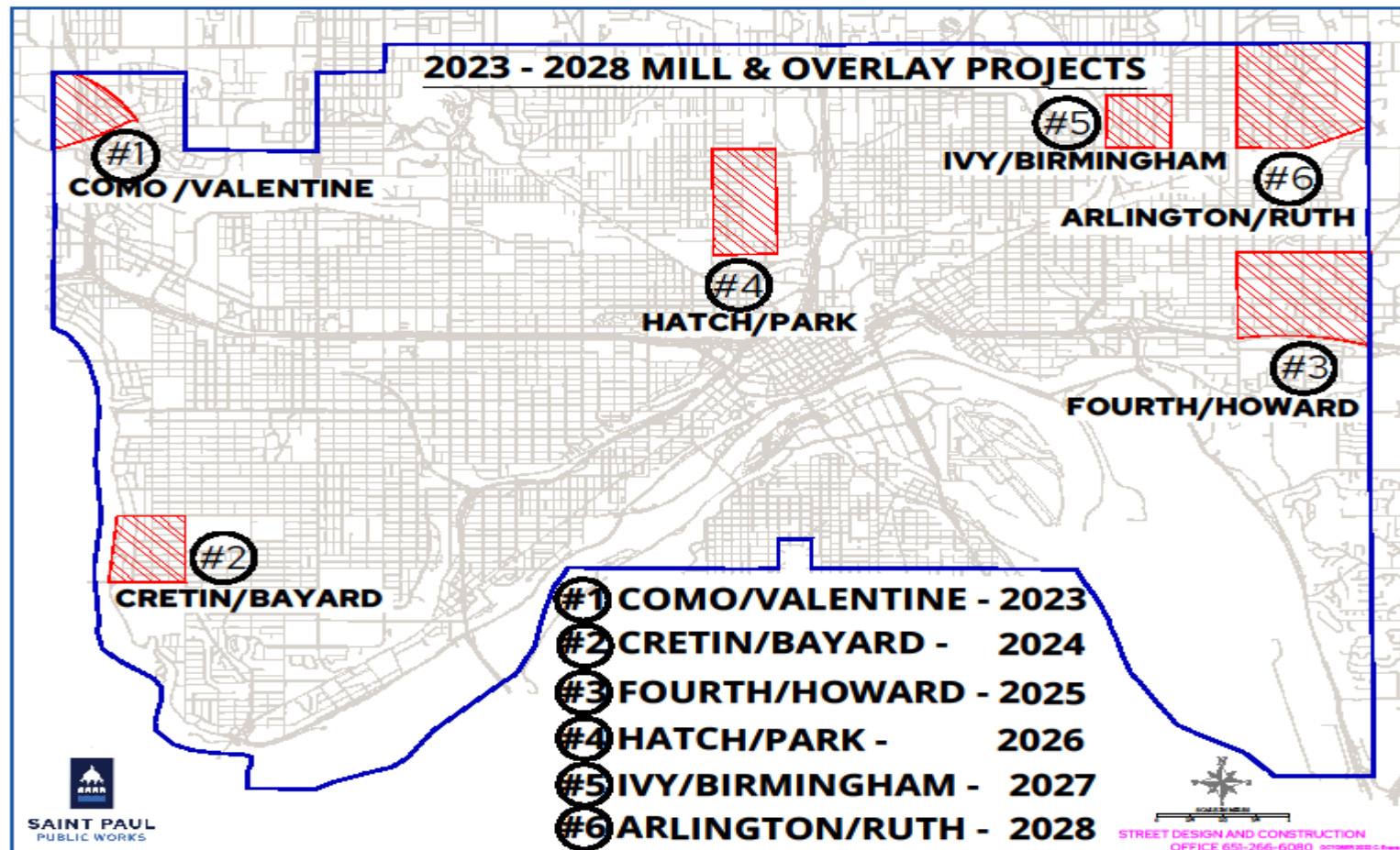


What's New in Funding for PW Capital Construction?



\$4.0M in Additional Bond Funding being added to the Public Works Capital Program

- Used to fund a Residential Mill & Overlay Program
- Begins in 2023 and will be an ongoing program
- Will extend the life of residential streets
- Residential Areas to be M&O'd in 2023 include:
 - **COMO/VALENTINE AREA**
 - **CRETIN/BAYARD AREA**





Department of Public Works Secured Federal Funding through the Met Council Regional Solicitation (2026 – 2027)

○ Wabasha Street Reconstruction – 7 th to 11 th	\$5,337,600
○ Minnehaha Avenue Reconstruction – Payne to 7 th	\$5,224,640
○ Capital City Bikeway – St. Peter from 10 th to John Ireland	\$5,500,000
○ Capital City Bikeway – Kellogg from 7 th to John Ireland	\$5,500,000
○ Payne Avenue Pedestrian Safety Improvements	\$1,200,000
○ Arlington Avenue Sidewalk Infill	\$ 920,000
○ Chelsea Heights Elementary (SRTS)	\$1,000,000
○ Maryland Avenue Traffic Signal Enhancements	\$2,322,400

TOTAL FEDERAL FUNDING SECURED

\$27,004,640



Public Works applied to the
Federal IJA Bridge Improvement Program
to help fully fund the Replacement of the

EB Kellogg Boulevard Bridge at RiverCentre

- Amount Requested = **\$32,325,000**
- Expect to know in late 2022 or early 2023 if awarded

A large, dark blue silhouette of a building dome, likely a city hall or government building, is positioned on the right side of the slide, partially overlapping the text area.

Public Works 5-Year Capital Plan 2023 - 2027



Project Selection Criteria

Developing Revised Strategy for how projects make it on the
Public Works 5-Year Plan

- ❑ **Current Strategy:** Pavement Condition
Traffic Volume
- ❑ **Future Focus:** Pavement Condition/Traffic Volume
Multimodal Improvements
Safety
Equity
Sustainability



2023 FIVE YEAR CAPITAL PLAN

This document shows projects approved for 2023 and planned for 2024 to 2027. The 5-year Plan is proposed by the Department of Public Works and reviewed and adopted annually by the City Council. All information provided for 2024 to 2027 is preliminary and subject to change.

2023	2024	2025	2026	2027
SAINT PAUL STREETS PROGRAM \$16,500,000 Minnesota St - Kellogg to 6th Phase I 5,770,000 Summit Ave Improvements 6,730,000 Residential Mill & Overlay Program* 4,000,000 *Como/Valentine and Cretin/Bayard Ph I	SAINT PAUL STREETS PROGRAM \$16,500,000 Minnesota St - 6th to 11th Phase II 12,500,000 Residential Mill & Overlay Program* 4,000,000 *Cretin/Bayard Ph 2 and Fourth/Howard Ph I	SAINT PAUL STREETS PROGRAM \$16,605,000 Wheelock/Grotto Residential Phase I 8,325,000 Pleasant - Victoria to St. Clair 4,280,000 Residential Mill & Overlay Program 4,000,000	SAINT PAUL STREETS PROGRAM \$16,600,000 Wheelock/Grotto Residential Phase II 12,600,000 Residential Mill & Overlay Program 4,000,000	SAINT PAUL STREETS \$19,230,000 Hoyt/Birmingham Phase I 15,230,000 Residential Mill & Overlay Program 4,000,000
MUNICIPAL STATE AID \$11,899,758 Annapolis - Smith to Robert Ph I 2,000,000 CCB Kellogg Ph 1 - Jackson to St. Peter 2,500,000 Robert - Kellogg to 11th (Design) 1,000,000 Grand - Snelling to Fairview 800,000 Westside Intersection Control Enhancements 324,758 Dale St Signal Enhancement & Mod (Design) 500,000 Shepard Road Bridge near Otto 500,000 Larpenteur - Dale to Farrington Sidewalks 500,000 Larpenteur - Hamline to Victoria Sidewalks 240,000 Marshall - Snelling to Albert Sidewalks 200,000 THS M&O - Arcade to 120 (MnDOT) 1,470,000 Snelling - Montreal to Ford Pkwy (MnDOT) 400,000 B Line BRT Improvements (Met Transit) 250,000	MUNICIPAL STATE AID \$16,389,279 Annapolis - Robert to Robert Ph II 2,300,000 Grand - Snelling to Fairview 6,690,000 Grand @ Fairview Traffic Signal 350,000 Dale St. north of Front (County) 325,000 Jackson St - Rose to Arlington (County) 300,000 Jackson St - Arlington to Wheelock (County) 250,000 Maryland & Sylvan Traffic Signal (County) 200,000 Cleveland & Highland Traffic Signal (County) 150,000 Randolph & Fairview Traffic Signal (County) 150,000 THS Mounds to 61 & 61-5 to Roselawn (MnDOT) 2,400,000 Snelling - St. Clair to Grand Traffic Signals (MnDOT) 400,000 Grand/Snelling Int Improvements MnDOT LPP 502,000 TH61 near Etna Interconnect MnDOT LPP 80,000 B Line BRT Improvements (Met Transit) 527,279	MUNICIPAL STATE AID \$15,611,299 Earl Street - Hudson to Ross (design) 1,000,000 Robert-Kellogg to 11th (MnDOT turnback) 2,250,000 CCB Kellogg Ph 2 - St. Peter to W7th 2,524,416 Dale St Signal Enhancement & Modernization 794,268 3rd & Maria Traffic Signal 450,000 Cretin & St. Clair Traffic Signal 405,000 Selby & Fairview Traffic Signal 337,500 6th & Mounds Traffic Signal 100,000 Victoria & Minnehaha Signal & Interconnect 540,000 Maryland - Clark to Edgerton (County) 75,000 Jackson St - Penn to Acker (County) 1,000,000 Rice St Ph 1 - Maryland to Front (County) 1,000,000 John Ireland Bridge over 94 Signals (MnDOT) 300,000 Purple Line BRT (Metro Transit) TBD Federal Regional Solicitation funding TBD December 2022. Maryland Traffic Signal Enhancements (Design) 600,000 CCB Kellogg Ph 3 - W7th to John Ireland (Design) 1,415,387 CCB St Peter - 10th to Rice (Design) 1,254,728	MUNICIPAL STATE AID \$18,541,770 Earl Street - Hudson to Ross 8,080,000 Earl & 6th Signal and Interconnect 560,000 Rice St Ph 2 - Maryland to Front (County) 2,300,000 Jackson St - Penn to Acker (County) 300,000 194/Marion Bridge Signals (MnDOT) 350,000 Robert M&O - Fillmore to Annapolis (MnDOT) 1,500,000 35 E Bridge over Shepard Signals (MnDOT) 300,000 TH 280 - Eustis/Cromwell - Territorial to Walsh 900,000 Federal Regional Solicitation funding TBD December 2022. Maryland Traffic Signal Enhancements 706,350 Wabasha - 7th to 11th 1,000,800 Minnehaha - Payne to E7th 979,620	MUNICIPAL STATE AID \$18,756,685 Rice St Ph 3 - Front to Pennsylvania (County) 2,300,000 Jackson St - Rose to Arlington (County) 600,000 TH S/W7th - Munster to St. Clair (MnDOT) 1,750,000 Federal Regional Solicitation funding TBD December 2022. CCB Kellogg Ph 3 - W7th to John Ireland 4,879,504 CCB St Peter - 10th to Rice 3,701,341 Wabasha - 7th to 11th 2,001,600 Minnehaha - Payne to E7th 1,959,240
Programs: 1,215,000 SPS Traffic Signals on Arterials 750,000 Signalized Intersection Safety Improvements 125,000 RR Crossing Safety Improvements 40,000 MSA Contingency 300,000	Programs: 1,765,000 SPS Traffic Signals on Arterials 1,300,000 Signalized Intersection Safety Improvements 125,000 RR Crossing Safety Improvements 40,000 MSA Contingency 300,000	Programs: 1,565,000 SPS Traffic Signals on Arterials 100,000 Signalized Intersection Safety Improvements 125,000 RR Crossing Safety Improvements 40,000 MSA Contingency 300,000 Lighting Improvements 500,000 Ramsey Co Traffic Signals Annual Program 500,000	Programs: 1,565,000 SPS Traffic Signals on Arterials 100,000 Signalized Intersection Safety Improvements 125,000 RR Crossing Safety Improvements 40,000 MSA Contingency 300,000 Lighting Improvements 500,000 Ramsey Co Traffic Signals Annual Program 500,000	Programs: 1,565,000 SPS Traffic Signals on Arterials 100,000 Signalized Intersection Safety Improvements 125,000 RR Crossing Safety Improvements 40,000 MSA Contingency 300,000 Lighting Improvements 500,000 Ramsey Co Traffic Signals Annual Program 500,000
ARTERIAL MILL & OVERLAYS East Shore Drive - Wheelock to Larpenteur Victoria - Summit to Concordia Front - Rice to Western Ruth/Algonquin - Burns to Stillwater Fairview - Randolph to Edgumbe	ARTERIALS MILL & OVERLAYS Concordia Ave - Snelling to Marlon St. Anthony Ave - Snelling to Marlon	2025-2027 Residential Mill & Overlays Order to be determined in accordance with past & future RSVP Areas as funding allows. Fourth/Howard Ph 2 & 3 Hatch/Park Ivy/Birmingham Wheelock/Grotto remaining streets	2025-2027 Arterial Mill & Overlays as funding allows Vandalla Commercial Area Minnehaha - Lexington to Fairview Capital Area St. Clair - Cliff to Victoria Cliff - Smith to St. Clair Shepard - Elway to Gannon Summit - MRB to Snelling Arlington - Jackson to Edgerton Arlington - Wheelock to Rice Forest - Hudson to E 7th Hamline - Como to Hoyt Winifred - Wabasha to Ohio George - Cesar Chavez to Smith Burr - Tedesco to Minnehaha	Burlington Rd - Lower Afton to McKnight Randolph - Cleveland to MRB 6th - Earl to Arcade Marshall - Lexington to Western Victoria - 7th to Benhill St. Peter - 6th to 11th
SIDEWALKS \$1,485,000 Sidewalk Reconstruction Program(Gen Fund) 1,485,000 *Includes Cleveland - Summit to Marshall \$152,500 Local Street, Alley, Sewer and Lighting* 150,000 *funded by assessments	SIDEWALKS \$1,485,000 Sidewalk Reconstruction Program(Gen Fund) 1,485,000 Local Street, Alley, Sewer and Lighting* 150,000 *funded by assessments	SIDEWALKS \$1,485,000 Sidewalk Reconstruction Program(Gen Fund) 1,485,000 Local Street, Alley, Sewer and Lighting* 150,000 *funded by assessments	SIDEWALKS \$1,485,000 Sidewalk Reconstruction Program(Gen Fund) 1,485,000 Local Street, Alley, Sewer and Lighting* 150,000 *funded by assessments	SIDEWALKS \$1,485,000 Sidewalk Reconstruction Program(Gen Fund) 1,485,000 Local Street, Alley, Sewer and Lighting* 150,000 *funded by assessments



2023 FIVE YEAR CAPITAL PLAN

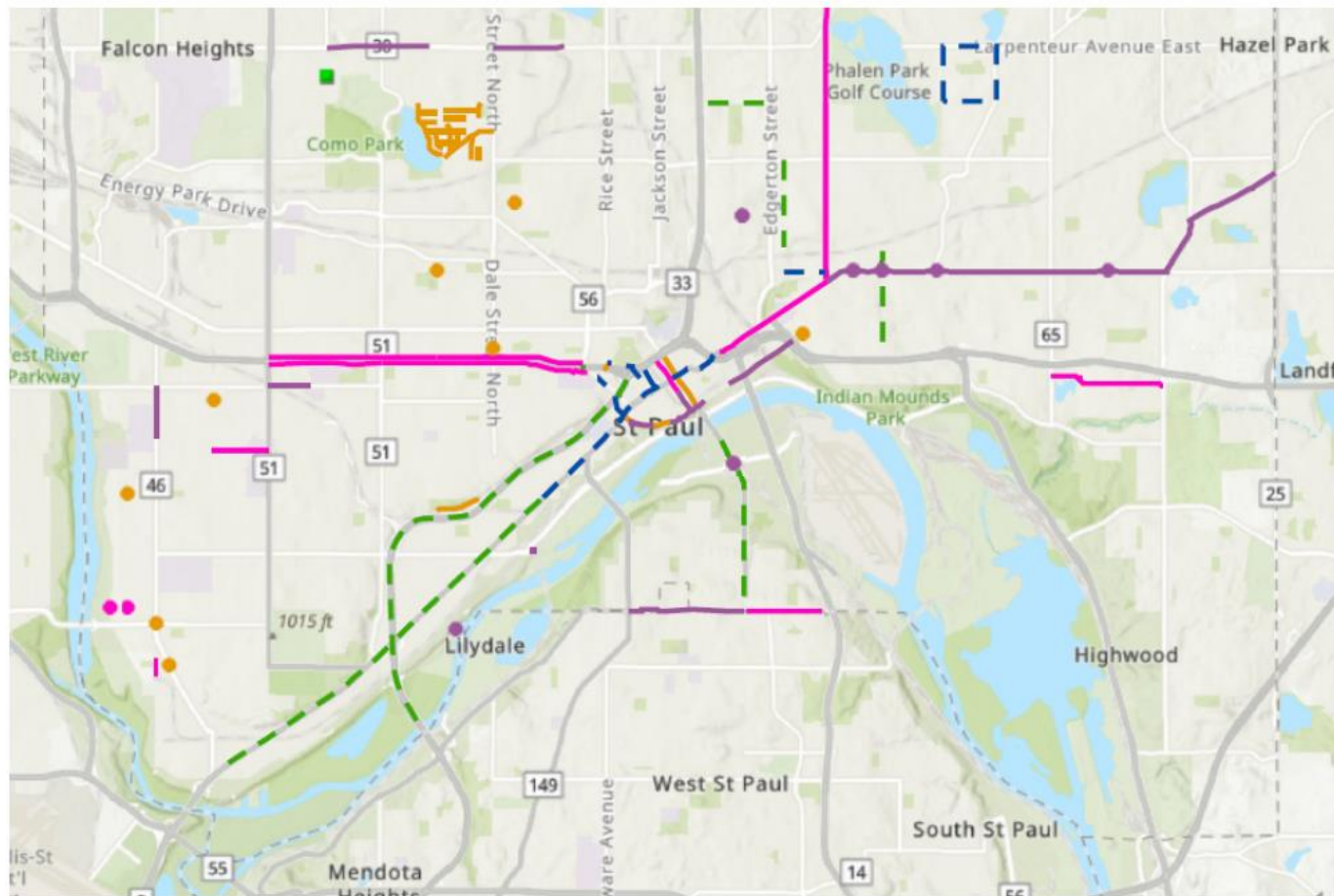
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2023	2024	2025	2026	2027
CAPITAL IMPROVEMENT BONDS \$1,414,367 Gold Line BRT (Metro Transit) 600,000 Community Proposed Projects Traffic Calming at 700-900 Thomas Ave 109,367 Safety Upgrades at the N end of Ayd Mill Rd 75,000 Raymond Street Lights 30,000 Programs: 600,000 Ped & Traffic Safety Improvements 225,000 Signalized Intersection Safety Improve 115,000 RR Crossing Safety Improvements 10,000 Stairway Repair & Replacement Program 250,000 Bicycle Facility Improvements (Gen Fund) 172,599	CAPITAL IMPROVEMENT BONDS \$1,230,000 Burns/Suburban Sidewalk Infill Project 630,000 Programs: 600,000 Ped & Traffic Safety Improvements 225,000 Signalized Intersection Safety Improve 115,000 RR Crossing Safety Improvements 10,000 Stairway Repair & Replacement Program 250,000 Bicycle Facility Improvements (Gen Fund) 172,599 Highland Bridge Offsite Improvements TIF 600,000	CAPITAL IMPROVEMENT BONDS \$1,065,760 SRTS - Crossroads Elementary 465,760 Programs: 600,000 Ped & Traffic Safety Improvements 225,000 Signalized Intersection Safety Improve 115,000 RR Crossing Safety Improvements 10,000 Stairway Repair & Replacement Program 250,000 Bicycle Facility Improvements (Gen Fund) 172,599 Highland Bridge Offsite Improvements TIF 2,075,000	CAPITAL IMPROVEMENTS BONDS \$2,627,500 2026/2027 Regional Solicitation results TBD December 2022. Arlington Pedestrian Facilities 517,500 Payne Pedestrian Improvements 675,000 SRTS - Chelsea Heights 800,000 Programs: 635,000 Ped & Traffic Safety Improvements 250,000 Signalized Intersection Safety Improve 125,000 RR Crossing Safety Improvements 10,000 Stairway Repair & Replacement Program 250,000 Bicycle Facility Improvements (Gen Fund) 172,599	CAPITAL IMPROVEMENTS BONDS \$635,000 Programs: 635,000 Ped & Traffic Safety Improvements 250,000 Signalized Intersection Safety Improve 125,000 RR Crossing Safety Improvements 10,000 Stairway Repair & Replacement Program 250,000 Bicycle Facility Improvements (Gen Fund) 172,599
COUNTY FUNDING (on City Projects) Sidewalk Projects Larpenteur - Dale to Farrington 500,000 Larpenteur - Hamline to Victoria 240,000 Marshall - Snelling to Albert 200,000 Cleveland - Summit to Marshall 152,500	COUNTY FUNDING (on City Projects) County Projects (with City cost share) Dale St. north of Front Jackson St - Rose to Arlington Jackson St - Arlington to Wheelock	COUNTY FUNDING (on City Projects) Dale St Signal Enhancement & Modernization	COUNTY FUNDING (on City Projects) Earl @ Maryland Signal	COUNTY FUNDING (on City projects)
COUNTY PROJECTS (with City cost share) Maryland - Rice to Jackson (County)	COUNTY PROJECTS (with City cost share) Dale St. north of Front Jackson St - Rose to Arlington Jackson St - Arlington to Wheelock	COUNTY PROJECTS (with City cost share) Maryland - Clark to Edgerton Jackson St - Penn to Acker Rice St Ph 1 - Wheelock to Maryland	COUNTY PROJECTS (with City cost share) Rice St Ph 2 - Maryland to Front	COUNTY PROJECTS (with City cost share) Rice St Ph 3 - Front to Pennsylvania
MnDOT FUNDING (on City Projects) MnDOT PROJECTS (with City cost share) TH5 M&O - Arcade to 120	MnDOT FUNDING (on City Projects) Grand/Snelling Intersection Improvements LPP 368,000 TH61 near Ethna Interconnect LPP 58,000 MnDOT PROJECTS (with City cost share) TH5-Mounds to 61 & 61-5 to Roselawn Snelling - St. Clair to Grand Snelling - Montreal to Ford Pkwy	MnDOT FUNDING (on City Projects) MnDOT PROJECTS (with City cost share) John Ireland Bridge over 94	MnDOT FUNDING (on City Projects) MnDOT PROJECTS (with City cost share) I94/Marion Bridge Robert M&O - Fillmore to Annapolis 35 E Bridge over Shepard	MnDOT FUNDING (on City Projects) MnDOT PROJECTS (with City cost share) TH5/W7th - Munster to St. Clair
FEDERAL FUNDING \$8,800,128 Bruce Vento Elementary - SRTS 842,528 Westside Intersection Control Enhance 1,065,600 CCB Kellogg Ph 1 - Jackson to St. Peter 5,312,000 Shepard Road Bridge near Otto 500,000 Minnehaha Traffic Signals (HSIP) 1,080,000	FEDERAL FUNDING \$8,000,000 Burns/Suburban Sidewalk Infill Project 1,000,000 Kellogg/3rd St Bridge 7,000,000 *Budgeted in 2018.	FEDERAL FUNDING \$15,220,800 Robert - Kellogg to 11th (MnDOT turnback) 7,000,000 CCB Kellogg Ph 2 - St. Peter to W7th 5,500,000 Dale St Signal Enhancement & Modernization 2,000,800 SRTS - Crossroads Elementary 720,000	FEDERAL FUNDING \$5,442,400 2026/2027 Regional Solicitation results TBD December 2022. Arlington Pedestrian Facilities 920,000 Payne Pedestrian Improvements 1,200,000 SRTS - Chelsea Heights 1,000,000 Maryland Ave Traffic Signal Enhancements 2,322,400	FEDERAL FUNDING \$21,562,240 2026/2027 Regional Solicitation results TBD December 2022. CCB Kellogg Ph 3 - W7th to John Ireland 5,500,000 CCB Saint Peter - 10th to Rice 5,500,000 Wabasha - 7th to 11th 5,337,600 Minnehaha - Payne to E7th 5,224,640
SEWER UTILITY \$11,500,000 Sewer Rehab 2,000,000 Sewer Repairs (City, County, State Projects) 2,500,000 Citywide Sewer Repairs 500,000 Lift Station Renovations 2,000,000 Tunnel Rehab & Storm Outfall Repairs 3,000,000 Water Quality Improvements 1,500,000	SEWER UTILITY \$11,500,000 Sewer Rehab 2,500,000 Sewer Repairs (City, County, State Projects) 2,500,000 Citywide Sewer Repairs 1,000,000 Lift Station Renovations 2,000,000 Tunnel Rehab & Storm Outfall Repairs 3,000,000 Water Quality Improvements 500,000	SEWER UTILITY \$11,500,000 Sewer Rehab 2,500,000 Sewer Repairs (City, County, State Projects) 2,500,000 Citywide Sewer Repairs 1,000,000 Lift Station Renovations 2,000,000 Tunnel Rehab & Storm Outfall Repairs 3,000,000 Water Quality Improvements 500,000	SEWER UTILITY \$11,500,000 Sewer Rehab 2,500,000 Sewer Repairs (City, County, State Projects) 2,500,000 Citywide Sewer Repairs 1,000,000 Lift Station Renovations 2,000,000 Tunnel Rehab & Storm Outfall Repairs 3,000,000 Water Quality Improvements 500,000	SEWER UTILITY \$11,500,000 Sewer Rehab 2,000,000 Sewer Repairs (City, County, State Projects) 2,500,000 Citywide Sewer Repairs 500,000 Lift Station Renovations 2,000,000 Tunnel Rehab & Storm Outfall Repairs 3,000,000 Water Quality Improvements 1,500,000



2023 FIVE YEAR CAPITAL PLAN

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- 2023
- 2024
- 2025
- 2026
- 2027

A Look Ahead to Next Year 2023



2023 Public Works Construction Projects

- **Minnesota Street** Reconstruction – Kellogg to 6th (Ph I)
- **Summit Avenue Improvements** – Victoria to Lexington & Snelling to Mississippi River Boulevard
- **Annapolis Street** Reconstruction – Smith to Robert (Ph I)
- **Kellogg Boulevard** Capital City Bikeway – Jackson to St. Peter

Carryover Projects from 2022

- **Edgcumbe Avenue** – St. Paul Avenue to Fairview
- **Curtice Street** Roadway & Drainage Improvements
- Complete Wabasha, Wheelock and Griggs/Scheffer Ph II

MnDOT Projects

- **Minnehaha Avenue** Mill & Overlay, ADA Ramps, Intersection Improvements – Arcade to McKnight



2023 Public Works Mill & Overlay Projects

Arterial/Collector Streets

- East Shore Drive – Wheelock to Larpenteur
- Victoria Street – Summit to Concordia
- Front Street – Rice to Western
- Ruth/Algonquin – Burns to Stillwater
- Fairview Avenue – Randolph to Edgcumbe

Residential Areas

- Como/Valentine
- Cretin/Bayard



Bicycle Improvement Funds

Budget Allocated

- 2019 - \$500,000
- 2020 - \$0 transferred to capital funding
- 2021 - \$255,000
- 2022 - \$250,000
- \$470,000 remains unspent and is allocated to the Lafayette Trail project to be delivered in 2023-2024. The Lafayette Trail is a 550' trail segment that will connect the Lafayette bridge to the Robert Piram Regional Trail.

Example Projects

- Adding buffers to Summit bike lanes
- E Como Blvd (Wheelock to Nagasaki) bike lanes
- Marshall (Western to John Ireland) contra-flow bike lane
- Arlington (Jackson to Westminster) bike lanes
- Ruth-Furness bikeway
- Bike detection at Fairview/Marshall
- Delineator replacement on Pelham and Saint Anthony



Notable Recent Bicycle Investments

26 miles of bikeway installed by the City (excluding County and MnDOT) 2018-2021

- Wheelock Reconstruction Phase IV (2019)
- Margaret Bike Blvd Improvements (2019) – Federal Funds
- Como Ave Trail – Raymond to Hamline (2020) – Federal Funds
- Johnson Pkwy Trail – Phalen to Burns (2020) – Federal Funds
- Ayd Mill Trail (2020)
- Robert Piram Regional Trail (2020) – Federal Funds (Parks Dept)
- Capital City Bikeway – 9th-10th Street (2020)
- Wheelock Reconstruction Phase V (2022)
- Capital City Bikeway – Wabasha Reconstruction (2022)



Questions?