

# 2021-2025 Infrastructure Improvement Plan

## City of Madison, SD

### MADISON CITY COMMISSION

Mayor Marshall Dennert  
Commissioner Mike Waldner  
Commissioner Jerae Wire  
Commissioner Adam Shaw  
Commissioner Bob Thill

Acknowledged: November 2020

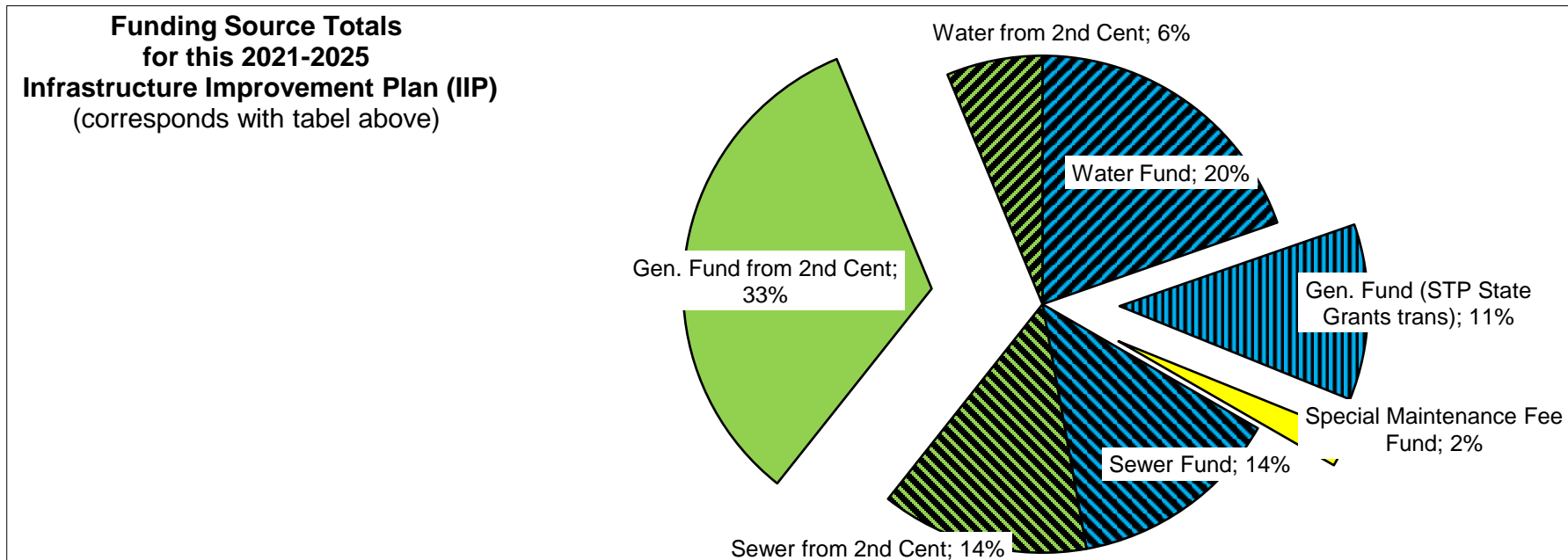
#### Typical Improvement Type

- Reconstruction Project - Complete Street Reconstruction including regrading with new profile, curb & gutter, driveways, etc., and underground utilities as applicable
- Utility Project - Installation of underground utilities and applicable surfacing and excludes new curb and gutter, driveways, etc.
- Resurfacing Project - Asphalt or concrete surfacing only

Prepared by: Office of the City Engineer

Funding Source Totals for the 2021-2025 Infrastructure Improvement Plan (IIP)

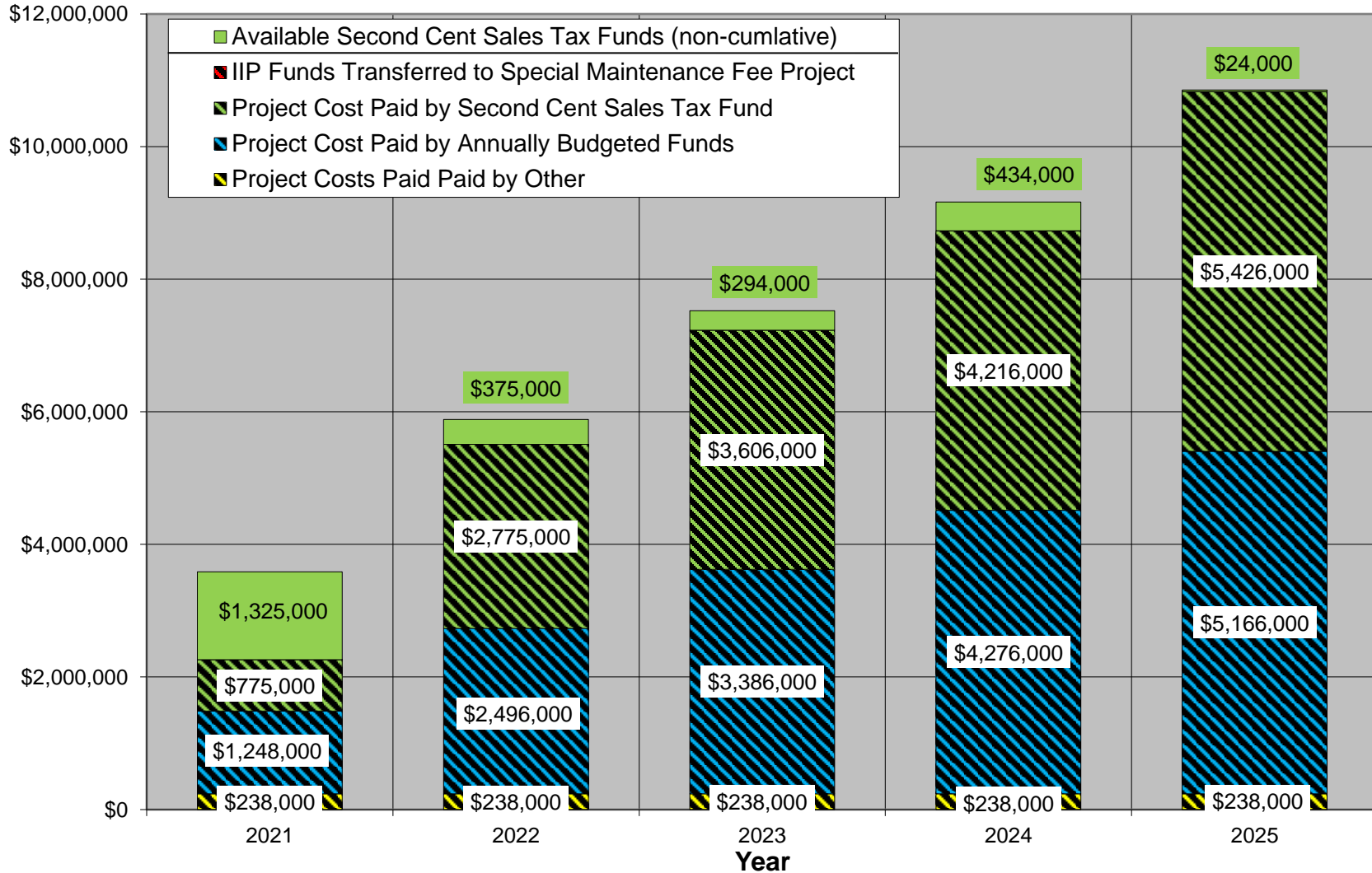
Funding Source	2021	2022	2023	2024	2025	Total	% of Total
<b>Annually Budgeted Financing</b>							
1) Gen. Fund (STP State Grants trans)	\$248,000	\$248,000	\$248,000	\$248,000	\$248,000	\$1,240,000	11.4%
2) Water Fund	\$405,000	\$700,000	\$342,000	\$342,000	\$342,000	\$2,131,000	19.7%
3) Sewer Fund	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000	13.8%
Subtotal	\$953,000	\$1,248,000	\$890,000	\$890,000	\$890,000	\$4,871,000	45.0%
<b>Other Financing</b>							
Special Maintenance Fee Fund	\$238,000	-	-	-	-	\$238,000	2.2%
Subtotal	\$238,000	\$0	\$0	\$0	\$0	\$238,000	2.2%
<b>Second Cent Sales Tax Fund Financing</b>							
Water from 2nd Cent	\$0	\$152,000	\$8,000	\$58,000	\$458,000	\$676,000	6.2%
Sewer from 2nd Cent	\$263,000	\$379,000	\$321,000	\$0	\$500,000	\$1,463,000	13.5%
Gen. Fund from 2nd Cent	\$808,000	\$1,470,000	\$502,000	\$552,000	\$252,000	\$3,584,000	33.1%
Subtotal	\$1,071,000	\$2,001,000	\$831,000	\$610,000	\$1,210,000	\$5,723,000	52.8%
<b>Total</b>	<b>\$2,262,000</b>	<b>\$3,249,000</b>	<b>\$1,721,000</b>	<b>\$1,500,000</b>	<b>\$2,100,000</b>	<b>\$10,832,000</b>	<b>100.0%</b>



PROJECT LISTING BY YEAR

<b>Major Project Description</b>	<b>Scope of Work</b>	<b>Project Cost</b>
<b>2021</b>		
Rural Development Phase 1a Self Fund	Reconstruction project - various locations in northwest part of town	\$1,171,000
Water Tower Loop Line - Industrial Park	Water line to service new tower installed as part of RD project	\$251,000
Union Avenue - N. of 9th St.	Utility project with new surfacing ( \$130,000 IIP Cost)	\$383,000
Center Street Bridge Replacement ###	City 20% Portion of Structure project: city cost portion -	\$116,000
Garfield Avenue Bridge Replacement ###	City 20% Portion of Structure project: city cost portion -	\$114,000
Center & Garfield Bridge Utility Components	Utility project - associated work at bridges	\$46,000
Reconstruction Project Design	9th Street - Highland to Creek	\$150,000
Washington Avenue (Hwy 34) testing	Remaining invoicing from SD DOT	\$30,000
<b>### SD DOT Bridge Replacement Program</b>		
<b>2022</b>		
Rural Development Phase 1a Self Fund	Reconstruction project - various locations in northwest part of town	\$651,000
Water Tower Loop Line - Industrial Park	Water line to service new tower installed as part of RD project	\$152,000
Sanitary Sewer - West Ave. from 6th to 7th	Utility Project - in conjunction with RD project	\$140,000
9th Street - Highland Ave to creek	Reconstruction project - Water, sanitary sewer, storm sewer	\$1,806,000
Drainage Project - Rock Wall or Detention	Final scope and location undetermined - federal partner cost share likely	\$500,000
<b>2023</b>		
Utility Project	Water Main Project - final scope and location undetermined	\$700,000
Drainage Project - Rock Wall or Detention	Final scope and location undetermined - federal partner cost share likely	\$500,000
Cured In Place Pipe Lining Project	Final scope and location undetermined - RD project phase 1a areas	\$521,000
<b>2024</b>		
Utility Project	Water Main Project - final scope and location undetermined	\$1,000,000
Drainage Project - Rock Wall or Detention	Final scope and location undetermined - federal partner cost share likely	\$500,000
<b>2025</b>		
Reconstruction Project	Final scope and location undetermined	\$1,800,000
Cured In Place Pipe Lining Project	Final scope and location undetermined	\$300,000
		<b>TOTAL \$10,831,000</b>

### IIP Funding\* Cumulative Totals



\*Generally includes linear infrastructure in public ROW (street, sewer, water) and excludes special (plants, towers, etc.) and RD financed projects.



	RESURFACING	UTILITY	RECONSTRUCTION	REPAIR
2021				
2022				
2023				
2024				
2025				

1/7th of asphalt roads are to be chip sealed annually (not shown on map)

PO Box 308  
116 W. Center Street  
Madison, SD 57042  
Phone: (605)256-7514  
Fax: (605)256-7511

**MADISON**  
Engineering Department

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CAD Filename: Capital Plan.dwg  
Project No. 2021-2025

Drawn By: RWH  
Checked By: CAC

Scale: 1:1000  
Date: 11/12/2020

IIP 2021-2025  
City of Madison  
Reconstruction, Resurface, and Utility