

2017-2021 Infrastructure Improvement Plan

City of Madison, SD

MADISON CITY COMMISSION

Mayor Roy Lindsay
Commissioner Mike Waldner
Commissioner Kelly Johnson
Commissioner Jeremiah Corbin
Commissioner Bob Thill

Adopted: July 2016

Typical Improvement Type

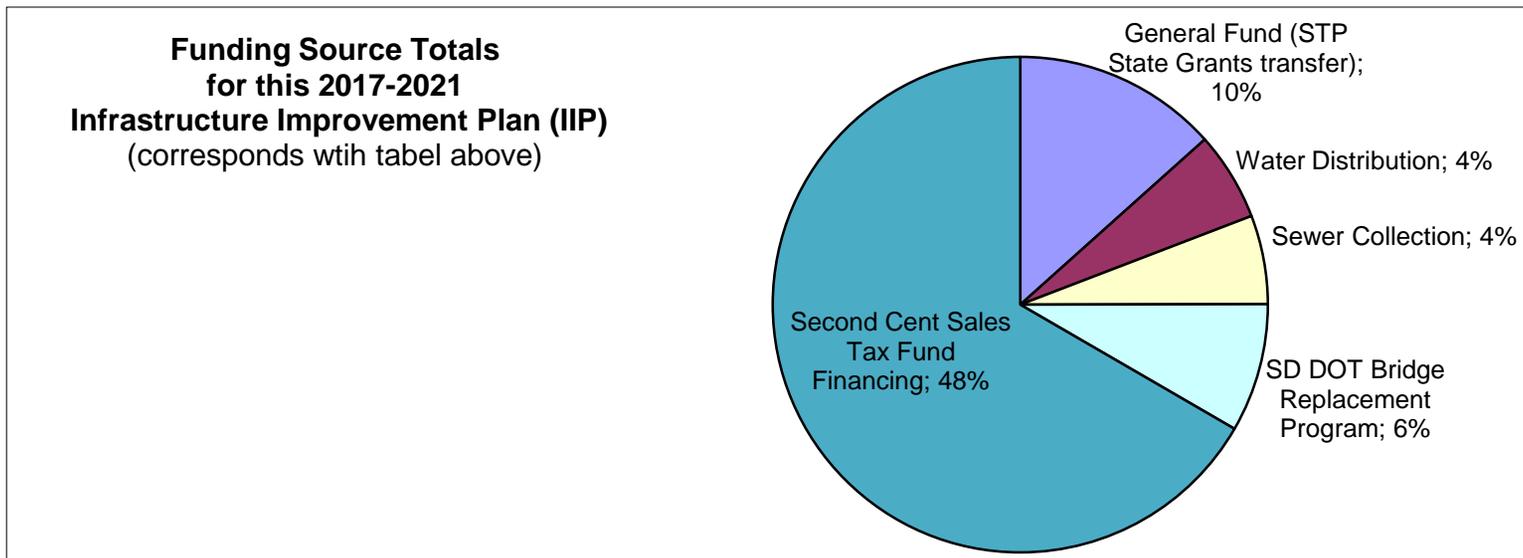
- Reconstruction Project - Complete Street Reconstruction including regrading with new profile, curb & gutter, driveways, etc., and underground utilities as applicable
- Utility Project - Installation of underground utilities and applicable surfacing and excludes new curb and gutter, driveways, etc.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

Prepared by: Office of the City Engineer

City of Madison
 Infrastructure Improvement Plan 2017 - 2021

Funding Source Totals for the 2017-2021 Infrastructure Improvement Plan (IIP)

Funding Source							% of Total
Annually Budgeted Financing							
1) General Fund (STP State Grants transfer)	\$125,000	\$211,000	\$211,000	\$211,000	\$211,000	\$969,000	9.7%
2) Water Distribution	\$76,000	\$80,000	\$84,000	\$88,000	\$92,000	\$420,000	4.2%
3) Sewer Collection	\$76,000	\$80,000	\$84,000	\$88,000	\$92,000	\$420,000	4.2%
Subtotal	\$277,000	\$160,000	\$168,000	\$176,000	\$184,000	\$840,000	12.4%
Other Financing							
SD DOT Bridge Replacement Program	-	\$475,000	-	-	-	\$475,000	6.1%
Subtotal	\$0	\$475,000	\$0	\$0	\$0	\$475,000	6.1%
Second Cent Sales Tax Fund Financing	\$432,000	\$1,882,000	\$1,255,000	\$205,000	\$1,750,000	\$5,524,000	48.3%
Total	\$709,000	\$2,728,000	\$1,634,000	\$592,000	\$2,145,000	\$7,808,000	72.5%



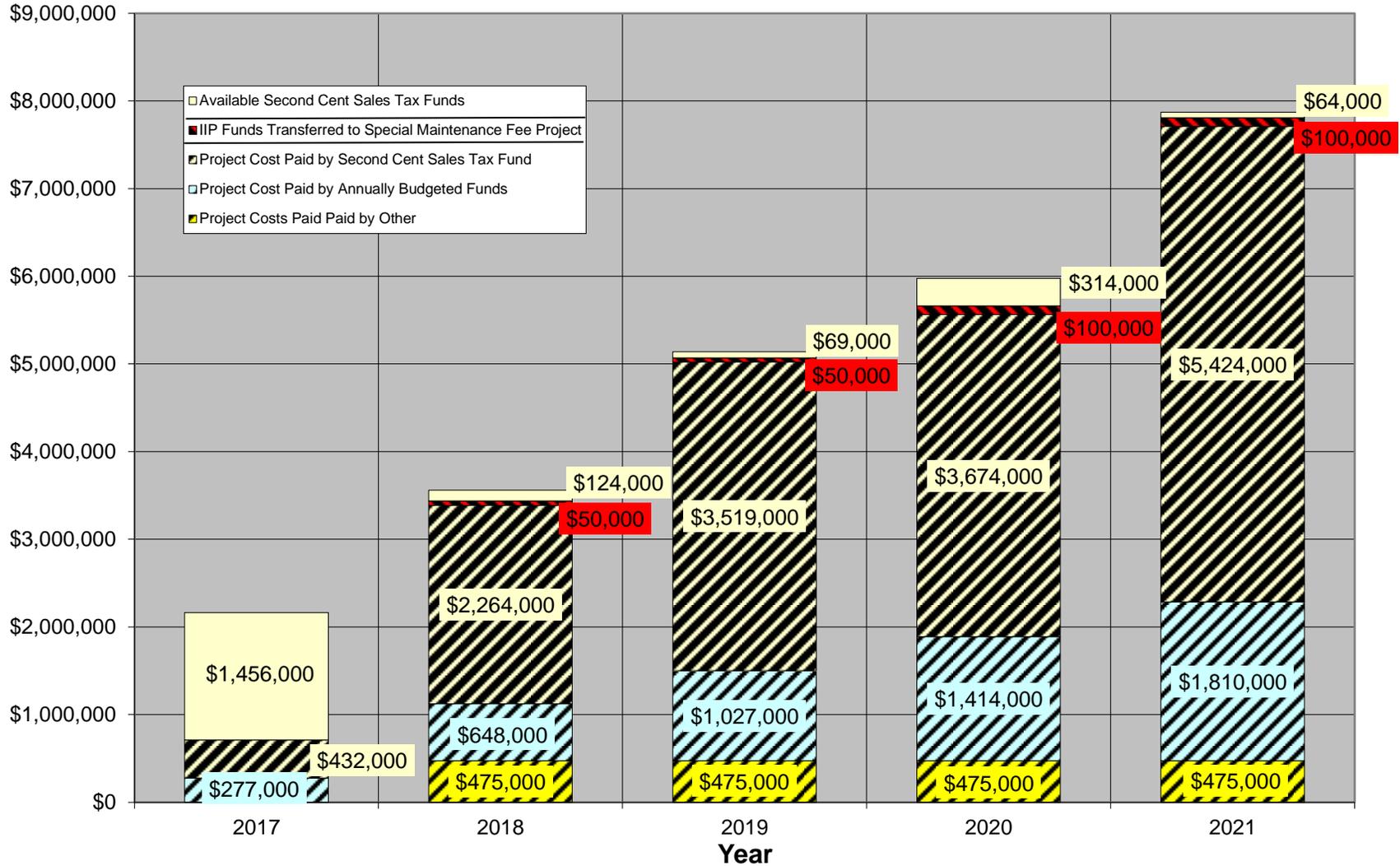
	2017	2018	2019	2020	2021	Total
Transfer To Special Maintenance Fee Fund for Project	-	\$50,000	-	\$50,000	-	\$100,000

PROJECT LISTING BY YEAR

Major Project Description	Scope of Work	Project Cost
2017		
Special Maintenance Fee Project Supplement	Non-asphalt project costs - NE 3rd St (Division Ave. to Airport Rd.)	\$64,000
Water Main Replacements	Utility project(s) - 7th Street South and Highland Avenue	\$322,000
Water Main Boring Project	Utility project(s) - Highland, Egan, Harth	\$65,000
Railroad Sanitary Sewer Boring Project	Utility project - Garfield Upsize	\$128,000
2018		
Center Street (Highland to Josephine)	Reconstruction project - water main, storm sewer, and sanitary sewer Water - \$426k; Sewer - \$282k; Drainage - \$443k; Street - \$469k; Cont. - \$180k	\$1,800,000
Special Maintenance Fee Project Supplement	Non-asphalt surfacing costs - final scope and location undetermined	\$150,000
Center Street Bridge Replacement ###	Structure project	\$310,000
Garfield Avenue Bridge Replacement ###	Structure project	\$284,000
Garfield Bridge Utility Component	Utility project - associated work at bridge	\$50,000
### SD DOT Bridge Replacement Program		
2019		
Washington Avenue (2nd St NE to 10th St SE) #	Reconstruction project - water main, storm sewer, and sanitary sewer design - costs also incurred prior to 2017	## \$1,089,300 \$6,400
Water & Sewer Main Project	Utility project(s) - final scope and location undetermined	\$400,000
# SD DOT STIP Highway 34 Reconstruction ## Value is for water main and sanitary sewer portion only.		
2020		
Sewer Main - Cured In-Place Pipe (CIPP)		\$250,000
Special Maintenance Fee Project Supplement	Non-asphalt surfacing costs - final scope and location undetermined	\$200,000
2021		
Street & Utility Project	Reconstruction project(s) - final scope and location undetermined	\$2,000,000
Minor Project Description		
Chip seals 2017-2021		\$689,000
		TOTAL <u><u>\$7,807,700</u></u>

IIP Funding*

Cumulative Totals



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

North



	RESURFACING	UTILITY	RECONSTRUCTION
2017			
2018			
2019			
2020			
2021			

1/7th of asphalt roads are to be chip sealed annually (not shown on map)
 Multiple 2018, 2019, 2020, and 2012 exact project locations undetermined

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MADISON
 Engineering Department

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CAD Filename:
 Capital Planning
 Project No.
 2017-2021

Drawn By:
 RWH
 Checked By:
 CAC

Scale:
 1:700
 Date:
 6/30/2016

IIP 2017-2021
 City of Madison
 Reconstruction, Resurface, and Utility