

2015-2019 Infrastructure Improvement Plan

City of Madison, SD

MADISON CITY COMMISSION

Mayor Roy Lindsay
Commissioner Mike Waldner
Commissioner Kelly Johnson
Commissioner Jeremiah Corbin
Commissioner Nick Abraham

Adopted: July 2014

Typical Improvement Type

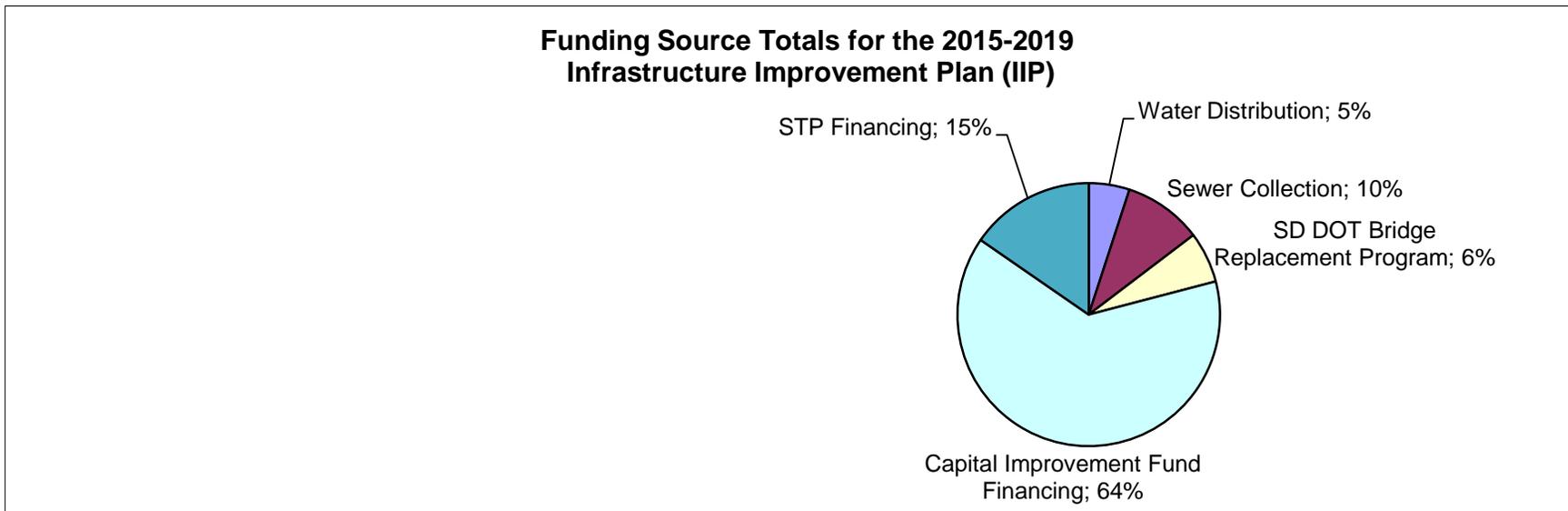
- Reconstruction Project - Complete Street Reconstruction including regrading with new profile, curb & gutter, driveways, etc., and underground utilities as applicable
- Utility Project - Installation of underground utilities and applicable surfacing and excludes new curb and gutter, driveways, etc.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

Prepared by: Office of the City Engineer

Funding Source Totals for the 2015-2019 Infrastructure Improvement Plan (IIP)

Funding Source	2015	2016	2017	2018	2019	Total	% of Total
Annually Budgeted Financing							
1) Water Distribution	\$69,000	\$72,000	\$76,000	\$80,000	\$84,000	\$381,000	5.03%
2) Sewer Collection	\$69,000	\$247,000	\$251,000	\$80,000	\$84,000	\$731,000	9.64%
Subtotal	\$138,000	\$319,000	\$327,000	\$160,000	\$168,000	\$1,112,000	12.45%
Other Financing							
SD DOT Bridge Replacement Program	-	-	-	\$475,000	-	\$475,000	6.27%
Subtotal	\$0	\$0	\$0	\$475,000	\$0	\$475,000	6.27%
Capital Improvement Fund Financing	\$445,000	\$1,596,000	\$1,410,000	\$748,000	\$628,000	\$4,827,000	63.67%
STP Financing	\$1,167,000	\$0	\$0	\$0	\$0	\$1,167,000	15.39%
Total	\$1,750,000	\$1,915,000	\$1,737,000	\$1,383,000	\$796,000	\$7,581,000	100.00%

Note: 2017 funding based upon the presumption that prior to 2017 an additional \$175,000 is placed in Sewer Fund Reserve as was done in 2014.

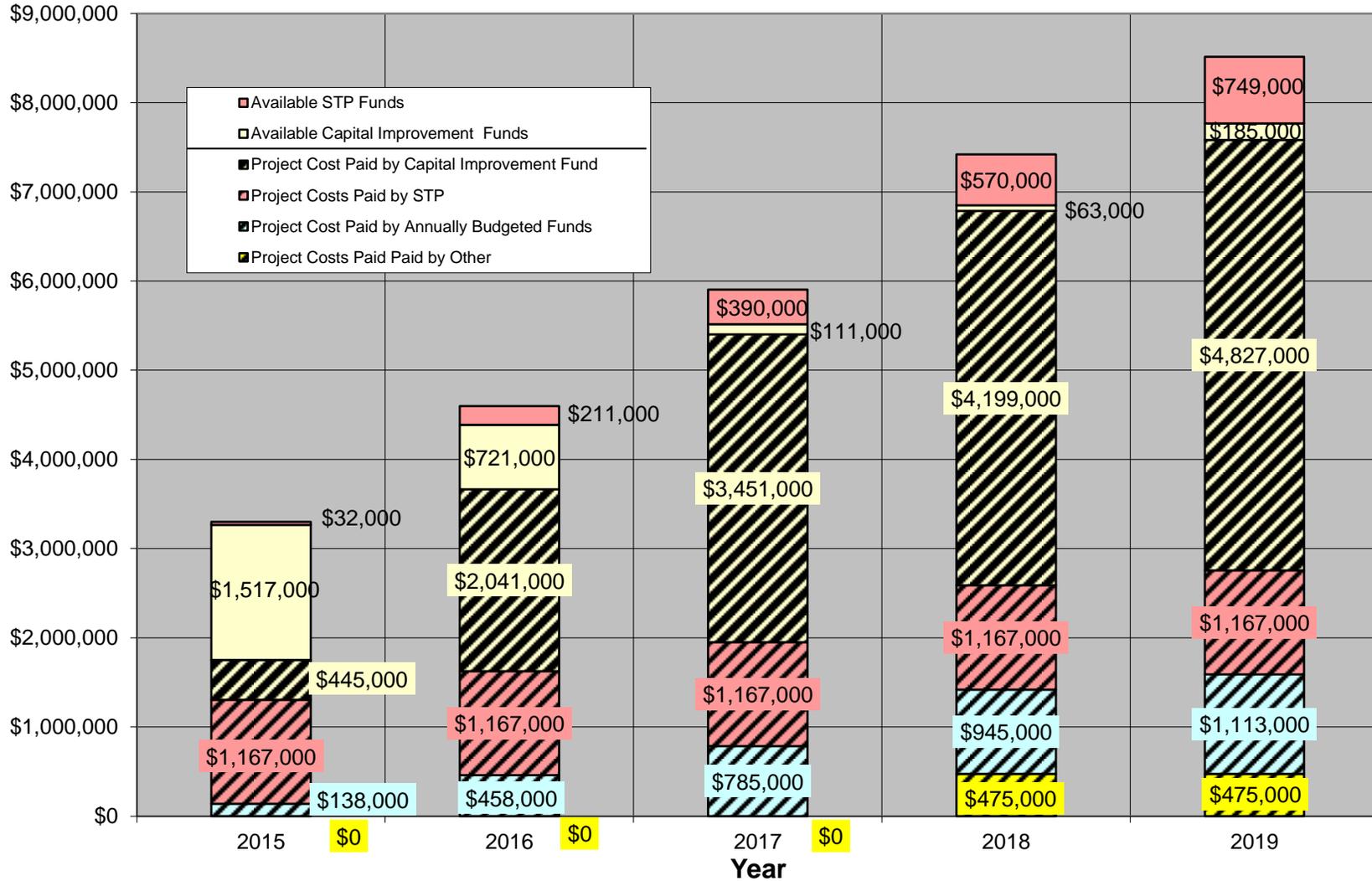


PROJECT LISTING BY YEAR

Major Project Description	Scope of Work	Project Cost
2015		
Water Main Replacements (Egan to Union)	Utility project(s) - 4th Street SW water main (phase 7b) Remaining width of street may be rebuilt with special maintenance fee funds	\$227,000
Fourth Street Phase I (Washington to Division)*	Utility/Partial Reconstruction project - water main and sanitary sewer local cost Water - \$207k; Sewer - \$28k; STP - \$1,167k	\$1,402,000
* SD DOT Surface Transportation Program (STP) project		
2016		
Water Main, Sanitary Sewer, and/or CIPP	Utility project(s) - final scope and location undetermined	\$250,000
Second Street (Washington to Highland)**	Reconstruction project - water main and sanitary sewer design - costs also incurred prior to 2016	*** \$1,464,000 \$76,100
** SD DOT STIP Highway 34 Reconstruction *** Value is for water main and sanitary sewer portion only.		
2017		
Water Main, Sanitary Sewer, and/or CIPP	Utility project(s) - final scope and location undetermined	\$250,000
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	## \$1,287,000 \$68,600
# SD DOT STIP Highway 34 Reconstruction - could possibly be moved to 2019 ## Value is for water main and sanitary sewer portion only.		
2018		
Water Main and/or Sanitary Sewer	Utility project(s) - final scope and location undetermined	\$250,000
Center Street Bridge Replacement ###	Structure project	\$310,000
Garfield Avenue Bridge Replacement ###	Structure project	\$284,000
Sewer Main - Cured In-Place Pipe (CIPP)	Utility project(s) - final scope and location undetermined	\$250,000
Garfield Railroad Sanitary Sewer Crossing		\$150,000
### SD DOT Bridge Replacement Program		
2019		
Water Main and Sanitary Sewer Project	Utility project(s) - final scope and location undetermined	\$400,000
Sewer Main - Cured In-Place Pipe (CIPP)		\$250,000
Minor Project Description		
Chip seals 2014-2018		\$663,000
TOTAL		\$7,581,700

IIP Funding*

Cumulative Totals



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

North



	RESURFACING	UTILITY	RECONSTRUCTION
2015			
2016			
2017			
2018			
2019			

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

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MADISON
 Engineering Department

CAD Filename: Capital Planning
 Project No. 2015-2019

Drawn By: RWB
 Checked By: CAC

Scale: 1:700
 Date: 7/17/2014