

**Project Number:** MP004  
**Project Title:** Sidewalk & Curb Replacement Program  
**Department Name:** Transportation, Engineering & Development

**Asset Type:** Maintenance Program  
**CIP Status:** Recurring  
**Project Category:** Capital Maintenance

**Budget Year:** 2019  
**Category Code:** A  
**Sector:** Various

**Project Purpose:**

This project supports the implementation of the Pedestrian component of the Comprehensive Transportation Plan.

**Project Narrative:**

This is an annual program to provide curb and sidewalk repair and replacement throughout the City. This program keeps the overall public sidewalk system in good repair and reduces liability to the City and property owners. Sidewalks are replaced on a cost sharing basis. Curbs are repaired when warranted at 100% cost to the City. CY 19-23 includes SSA funding to maintain existing brick, sidewalk, and tree grates in the Central Business District. CY 19-20 includes replacement of brick sidewalks in the central Naperville area.

**External Funding Sources Available:**

Property Owners

**Projected Timetable:**

This is an annual construction project. Downtown sidewalk/brickwork in CY 19-23. Central area brick sidewalk replacement in CY 19-20.

**Impact on Operating Budget:**

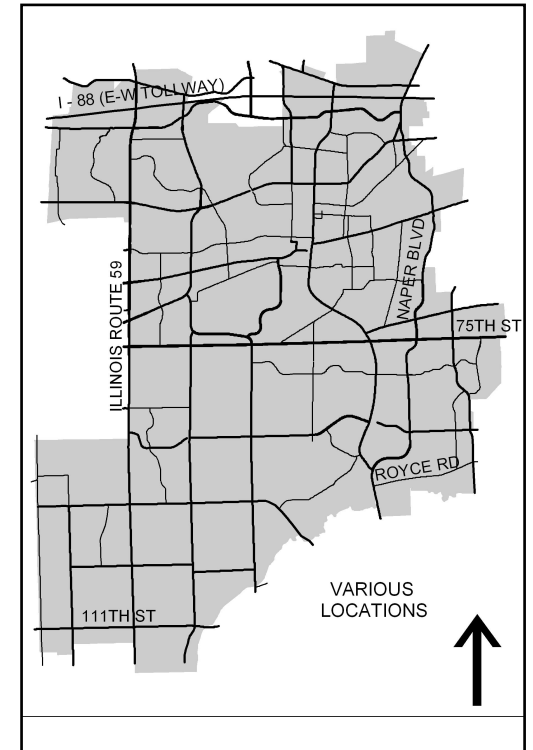
The work in this project is scheduled to optimize the use of sidewalk maintenance funds. Deferral of this work will increase future maintenance program quantities and correspond to an increased cost of the work.

**Funding Source Summary**

Funding Source	2019	2020	2021	2022	2023	Total Source
SSA Fund	100,000	102,000	104,040	106,121	108,243	<b>520,404</b>
Private Contributions	100,000	102,000	104,040	106,121	108,243	<b>520,404</b>
Unfunded Capital	470,000	479,400	468,180	466,932	476,270	<b>2,360,782</b>
<b>Totals</b>	<b>670,000</b>	<b>683,400</b>	<b>676,260</b>	<b>679,173</b>	<b>692,757</b>	<b>3,401,590</b>

**Project Cost Summary**

Expense Category	2018 Budget	2019	2020	2021	2022	2023	Total CIP
Construction	675,000	670,000	683,400	676,260	679,173	692,757	<b>3,401,590</b>
<b>Totals</b>	<b>675,000</b>	<b>670,000</b>	<b>683,400</b>	<b>676,260</b>	<b>679,173</b>	<b>692,757</b>	<b>3,401,590</b>



**Project Number:** MP009  
**Project Title:** Street Maintenance Improvement Program  
**Department Name:** Transportation, Engineering & Development

**Asset Type:** Maintenance Program  
**CIP Status:** Recurring  
**Project Category:** Capital Maintenance

**Budget Year:** 2019  
**Category Code:** A  
**Sector:** Various

**Project Purpose:**

This project supports the implementation of the Traffic Safety component of the Comprehensive Transportation Plan.

**Project Narrative:**

This is an annual program which maintains existing city streets by the following maintenance techniques: Reconstruction, resurfacing, patching, micro-surfacing, and crackfill. Street resurfacing and reconstruction involves grinding and overlay, sidewalk and curb repair, and street replacement as warranted. Street patching involves mostly pothole repairs. Micro-surfacing reconditions existing streets with a very thin asphalt overlay.

**External Funding Sources Available:**

None

**Projected Timetable:**

This is an annual construction project.

**Impact on Operating Budget:**

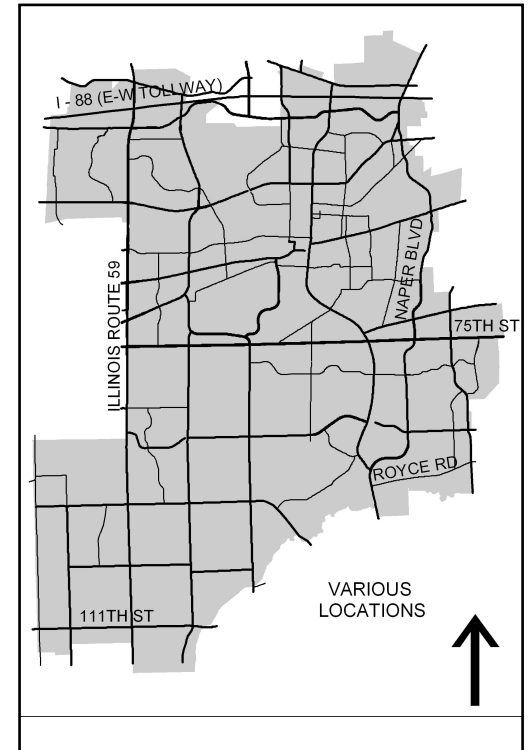
Deferral of this pavement preservation work will increase future maintenance program quantities and correspond to an increased cost of the work.

**Funding Source Summary**

Funding Source	2019	2020	2021	2022	2023	Total Source
Motor Fuel Tax	3,850,000	3,896,400	3,974,328	4,053,815	4,134,891	<b>19,909,433</b>
Local Motor Fuel Tax	2,165,000	2,764,200	2,819,484	2,875,874	2,933,391	<b>13,557,949</b>
Unfunded Capital	4,985,000	5,069,400	5,690,988	5,804,808	5,920,904	<b>27,471,100</b>
<b>Totals</b>	<b>11,000,000</b>	<b>11,730,000</b>	<b>12,484,800</b>	<b>12,734,496</b>	<b>12,989,186</b>	<b>60,938,482</b>

**Project Cost Summary**

Expense Category	2018 Budget	2019	2020	2021	2022	2023	Total CIP
Construction	12,000,000	11,000,000	11,730,000	12,484,800	12,734,496	12,989,186	<b>60,938,482</b>
<b>Totals</b>	<b>12,000,000</b>	<b>11,000,000</b>	<b>11,730,000</b>	<b>12,484,800</b>	<b>12,734,496</b>	<b>12,989,186</b>	<b>60,938,482</b>



**Project Number:** WU04  
**Project Title:** Water Distrib. System - Rehabilitation/Replacements  
**Department Name:** Water/ Wastewater

**Asset Type:** Water Utility  
**CIP Status:** Recurring  
**Project Category:** Capital Upgrade

**Budget Year:** 2019  
**Category Code:** LR  
**Sector:** Various

**Project Purpose:**

This project supports the City's goal of High Performing Government by updating essential utility infrastructure.

**Project Narrative:**

This project provides for the replacement or rehabilitation of water mains in areas that have experienced frequent main breaks, corrosion or hydraulic deficiencies. It also provides for the replacement of hydrants and valves that have failed or are inoperable. This project has been coordinated with the City's Road Improvement Program. The main projects planned for CY19 include the rehabilitation of deteriorated water main located at several railroad crossings.

**External Funding Sources Available:**

None

**Projected Timetable:**

Engineering and construction ongoing throughout the 5-year CIP as water main rehabilitation/replacements are scheduled.

**Impact on Operating Budget:**

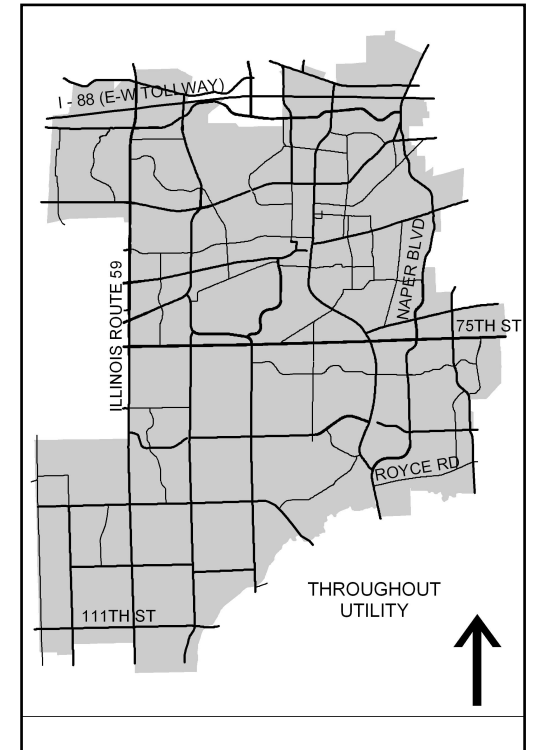
No new personnel; Nominal operating and maintenance expenses anticipated.

**Funding Source Summary**

Funding Source	2019	2020	2021	2022	2023	Total Source
Water Utility	700,000	910,000	250,000	2,312,000	632,500	<b>4,804,499</b>
<b>Totals</b>	<b>700,000</b>	<b>910,000</b>	<b>250,000</b>	<b>2,312,000</b>	<b>632,500</b>	<b>4,804,499</b>

**Project Cost Summary**

Expense Category	2018 Budget	2019	2020	2021	2022	2023	Total CIP
Construction	1,200,000	700,000	910,000	250,000	2,312,000	632,500	<b>4,804,499</b>
<b>Totals</b>	<b>1,200,000</b>	<b>700,000</b>	<b>910,000</b>	<b>250,000</b>	<b>2,312,000</b>	<b>632,500</b>	<b>4,804,499</b>



**Project Number:** WU10  
**Project Title:** Water Distribution System - Additions/Extensions  
**Department Name:** Water/ Wastewater

**Asset Type:** Water Utility  
**CIP Status:** Recurring  
**Project Category:** Capital Upgrade

**Budget Year:** 2019  
**Category Code:** A  
**Sector:** Various

**Project Purpose:**

This project supports the City's goal of High Performing Government demonstrating Naperville's commitment to provide essential services.

**Project Narrative:**

This project is for the engineering and construction of various water main additions and/or extensions needed throughout the City in accordance with the City's Master Water Utility Plan. Project WU10 has multiple subprojects that are needed to expand the system to accommodate new customers to serve the remaining growth and to provide improved transmission capacity in critical service areas. Annual funding estimates are based on City's Master plan. Development activity is coordinated with the TED, DPW and DPU-Electric Capital Improvement Plans.

**External Funding Sources Available:**

None

**Projected Timetable:**

Engineering and construction ongoing as new water main additions and extensions are needed.

**Impact on Operating Budget:**

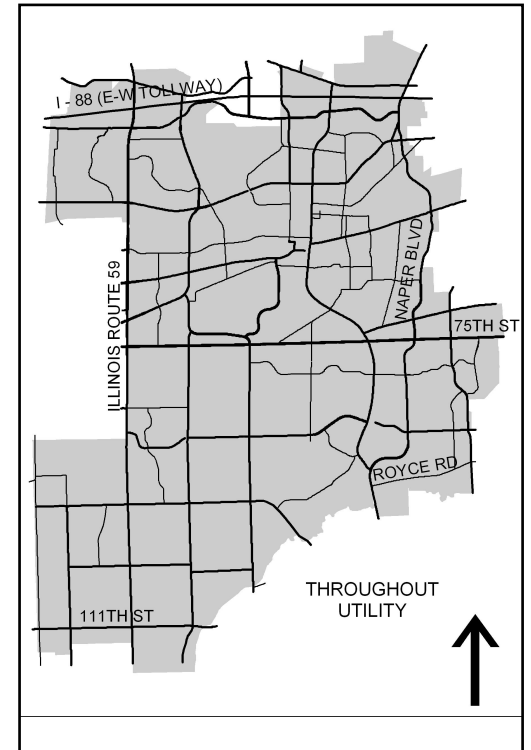
No new personnel; nominal operating and maintenance expenses anticipated.

**Funding Source Summary**

Funding Source	2019	2020	2021	2022	2023	Total Source
Water Utility	100,000	580,000	60,000	60,000	60,000	859,999
<b>Totals</b>	<b>100,000</b>	<b>580,000</b>	<b>60,000</b>	<b>60,000</b>	<b>60,000</b>	<b>859,999</b>

**Project Cost Summary**

Expense Category	2018 Budget	2019	2020	2021	2022	2023	Total CIP
Construction	0	90,000	559,600	60,000	60,000	60,000	829,599
Professional Services	80,000	10,000	20,400	0	0	0	30,400
<b>Totals</b>	<b>80,000</b>	<b>100,000</b>	<b>580,000</b>	<b>60,000</b>	<b>60,000</b>	<b>60,000</b>	<b>859,999</b>



**Project Number:** WWU42  
**Project Title:** Biosolids Holding Tank - Phase 2  
**Department Name:** Water/ Wastewater

**Asset Type:** Wastewater Utility  
**CIP Status:** No Change  
**Project Category:** Capital Upgrade

**Budget Year:** 2019  
**Category Code:** A  
**Sector:** Southeast

**Project Purpose:**

This project supports the City's goal of High Performing Government by maintaining the utility infrastructure.

**Project Narrative:**

This project is for the construction of the second Biosolids Holding Tank at the Springbrook Water Reclamation Plant. This project will be constructed in phases . The first tank was recently completed. The second tank will provide operational flexibility and redundancy. The second tank is planned for construction in CY23.

**External Funding Sources Available:**

None.

**Projected Timetable:**

Engineering and construction planned for CY23.

**Impact on Operating Budget:**

Nominal operating and maintenance expenses anticipated.

**Funding Source Summary**

Funding Source	2019	2020	2021	2022	2023	Total Source
Water Utility	0	0	0	0	880,000	<b>880,000</b>
<b>Totals</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>880,000</b>	<b>880,000</b>

**Project Cost Summary**

Expense Category	2018 Budget	2019	2020	2021	2022	2023	Total CIP
Construction	0	0	0	0	0	880,000	<b>880,000</b>
<b>Totals</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>880,000</b>	<b>880,000</b>

