

## **PLANNING AND DEVELOPMENT SERVICES STAFF REPORT**

For Planning Commission Meeting of January 18, 2017

**SUBJECT: FY2018 – 2023 Capital Improvements Plan**

### **PROPOSED CITY PLANNING COMMISSION MOTION**

**Whereas, Section 1:185 of the Ann Arbor City Code requires that the City Planning Commission annually prepare a Capital Improvements Program, identifying public improvements that will be needed within the ensuing six years, in the general order of priority;**

**Whereas, The FY2018-2023 Capital Improvements Plan (CIP) has been drafted by City asset category teams and reviewed by the City Planning Commission; and**

**Whereas, A duly-noticed public hearing on the draft plan was held by the City Planning Commission on January 18, 2017;**

**Resolved, That the City Planning Commission hereby approves the FY2018-2023 Capital Improvements Plan as a supporting document for the City's Master Plan; and**

**Resolved, That the City Planning Commission recommends that City Council approve the FY2018-2023 Capital Improvements Plan as the basis for the FY2018/2019 Capital Budget.**

### **STAFF RECOMMENDATION**

Staff recommends that the above motion be **approved**.

### **STAFF REPORT**

The Municipal Planning Act (PA 33 of 2008) requires the planning commission of a city to “annually prepare a capital improvements program of public structures and improvements...in the general order of their priority that in the commission’s judgment will be needed or desirable and can be undertaken within the ensuing 6-year period.” The capital improvements plan (CIP) is used as a tool to implement the City Master Plan and assist in the City's financial planning. The Systems Planning Unit prepares the CIP for the City of Ann Arbor.

The CIP outlines a schedule of public expenditures for a six-year period. It does not address all of the capital expenditures for the City, but provides for large, physical improvements that are permanent in nature that are needed for the functioning of the community, including transportation, parks, utilities, and municipal facilities improvements.

The draft Capital Improvements Plan has been prepared for the period from July 1, 2017 (FY2018) to June 30, 2023 (FY2023) and beyond. CIP asset category teams made up of City staff worked collaboratively in planning the FY2018-2023 CIP (see attached memorandum and CIP process diagram). The tasks performed by these teams include:

- Identification of the capital needs associated with each infrastructure asset category
- Recognition of key items associated with a project to address the needs that are likely to affect the scope, cost and schedule of that project
- Prioritization of the needs within the asset category
- Scheduling of the projects to address the needs within the asset category based on the needs priorities, availability of funding and capacity of staff resources to perform the projects

The City Planning Commission received the draft FY2018-2023 Capital Improvements Plan at its December 20, 2016 regular Planning Commission session as part of the Manager's Report and directed comments and questions through staff. The resulting project priorities are attached as the FY2018-2023 Capital Improvements Plan.

Notice of the public hearing for the draft CIP was sent to representatives of registered neighborhood and commercial organizations, members of City committees that may have an interest in capital improvement projects and to other individuals and groups interested in planning issues. Copies of the plan were made available to the public on the City website.

Prepared by Deborah Gosselin  
Reviewed by Brett Lenart  
Mg/  
12/27/2016

Attachments:

December 21, 2016 Memorandum from Deborah Gosselin

Draft FY2018-2023 Capital Improvements Plan:

- 1) CIP Report by Asset Category (in prioritization order)
- 2) List of New Projects added to the FY2018-FY2023 Capital Improvements Plan
- 3) List of Completed Projects from fiscal years 2016 and 2017
- 4) Standard Prioritization Criteria (used to establish prioritization order) and Sustainability Framework Goals

cc: City Administrator  
Systems Planning



## CITY OF ANN ARBOR, MICHIGAN

Public Services Area/Systems Planning

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December 21, 2016

Brett Lenart  
Planning Manager

Dear Mr. Lenart,

Attached please find materials related to the proposed Capital Improvements Plan ("CIP") for Fiscal years 2018-2023.

Attached are:

- The proposed FY2018-FY2023 CIP plan
- A New Projects document that lists projects new to the proposed plan. NOTE: New projects are also shaded in grey on the plan document itself.
- A Completed Projects document that lists projects which are in the current plan but which have been completed in Fiscal 2016 or 2017 or will be completed by the end of Fiscal 2017.
- A copy of the standard CIP Prioritization Criteria and the Sustainability Framework Goals utilized to score the first Criteria

Questions and comments from Commissioners on the Draft plan are welcomed and encouraged and can be responded to by staff prior to the January 18, 2017, formal public hearing on the FY2018-FY2023 CIP.

It is noted that the Alternative Transportation, Stormwater, and Water asset groups include many new projects. Many of these new projects reflect the results of long-term asset management, planning, and study efforts that resulted in the identification of new capital projects.

In the case of the Alternative Transportation group, the sidewalk prioritization scoring method developed by staff, and supported in the recommendations of the Pedestrian Safety Task Force, was utilized to identify an initial set of sidewalk completion projects. This is an exciting step forward in the efforts to complete the City's sidewalk network. Also of note in this asset group are the allocation of significant funds to address installation of improvements in the Major Mid-Block Crossing project.

For the Stormwater asset group, projects identified in the recently completed Stormwater Modeling effort have been added to the Plan. The City is presently undergoing a Stormwater Level of Service and Rate Analysis effort. Present rate levels



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do not allow for funding of many of the identified projects over the short-term and scheduling in the draft Plan so reflects.

For the Water asset group, results from a Level of Service Study effort led to the development of a Prioritization Action Number ("PAN") Score for each main in the City system. This PAN number, along with other standard prioritization criteria, was used to identify additional projects for inclusion in the CIP.

We are pleased to present this proposed Plan, which reflects the efforts of over 60 staff members with input from citizens, the University of Michigan, the DDA, the Housing Commission, and other entities.

Sincerely,

Deborah L Gosselin  
Systems Planning Engineer

cc: C. Slotten

## Capital Improvements Plan Project Revenues Summary By Category

| ProjectID   | Project Name   | Prioritization<br>Model Rank | Prior<br>Years | Funding (in thousands) * |          |       |         |         |         | Beyond<br>2024 | Total   |          |
|---|--|------------------------------|----------------|--------------------------|----------|-------|---------|---------|---------|----------------|---------|----------|
|   |  |                              |                | 2018                     | 2019     | 2020  | 2021    | 2022    | 2023    |                |         |          |
| <b>Municipal Facilities - City Owned Building</b> |  |                              |                |                          |          |       |         |         |         |                |         |          |
| MF-CB-16-04                                       | Housing Commission: 3401-3481 Platt                        | 0                            | <b>TOTALS</b>  | \$0                      | \$8,000  | \$0   | \$0     | \$0     | \$0     | \$0            | \$0     | \$8,000  |
| MF-CB-16-S1                                       | Commercial Corridors (Non-DDA) Street Framework Plan       | 0                            | <b>TOTALS</b>  | \$0                      | \$0      | \$0   | \$0     | \$0     | \$400   | \$400          | \$0     | \$800    |
| MF-CB-17-01                                       | Housing Commission: 701 Henry                              | 0                            | <b>TOTALS</b>  | \$0                      | \$8,000  | \$0   | \$0     | \$0     | \$0     | \$0            | \$0     | \$8,000  |
| MF-CB-18-01                                       | Housing Commission: 1504-1508 Broadway                     | 0                            | <b>TOTALS</b>  | \$0                      | \$1,300  | \$0   | \$0     | \$0     | \$0     | \$0            | \$0     | \$1,300  |
| MF-CB-18-03                                       | New Fire Station A with Emergency Operations Center (EOC)  | 1                            | <b>TOTALS</b>  | \$0                      | \$250    | \$600 | \$2,000 | \$1,500 | \$0     | \$0            | \$0     | \$4,350  |
| MF-CB-18-05                                       | New Fire Station B   | 2                            | <b>TOTALS</b>  | \$0                      | \$0      | \$30  | \$120   | \$362   | \$1,250 | \$938          | \$0     | \$2,700  |
| MF-CB-14-01                                       | Fire Station #2 Reconstruction                             | 3                            | <b>TOTALS</b>  | \$0                      | \$0      | \$0   | \$0     | \$70    | \$180   | \$1,375        | \$1,375 | \$3,000  |
| MF-CB-16-06                                       | Allen Creek Greenway Master Plan                           | 4                            | <b>TOTALS</b>  | \$300                    | \$0      | \$0   | \$0     | \$0     | \$0     | \$0            | \$0     | \$300    |
| MF-CB-14-05                                       | 415 West Washington  | 5                            | <b>TOTALS</b>  | \$133                    | \$0      | \$0   | \$0     | \$0     | \$0     | \$0            | \$0     | \$133    |
| MF-CB-16-01                                       | Fire Station Generators                                    | 6                            | <b>TOTALS</b>  | \$330                    | \$100    | \$100 | \$0     | \$0     | \$0     | \$0            | \$0     | \$530    |
| MF-CB-14-06                                       | Fire Stations 3 and 4 Rehabilitation Program               | 7                            | <b>TOTALS</b>  | \$200                    | \$0      | \$0   | \$0     | \$0     | \$0     | \$0            | \$0     | \$200    |
| MF-CB-16-05                                       | Guy C. Larcom Municipal Building: Exterior Shell Energy Im | 8                            | <b>TOTALS</b>  | \$0                      | \$50     | \$0   | \$0     | \$0     | \$0     | \$0            | \$0     | \$50     |
| MF-CB-10-05                                       | Guy C. Larcom Municipal Building: Primary Chiller Replace  | 9                            | <b>TOTALS</b>  | \$0                      | \$280    | \$0   | \$0     | \$0     | \$0     | \$0            | \$0     | \$280    |
| MF-CB-16-02                                       | 721 N Main Demolition and Site Stabilization               | 10                           | <b>TOTALS</b>  | \$0                      | \$0      | \$0   | \$300   | \$0     | \$0     | \$0            | \$0     | \$300    |
| MF-CB-10-09                                       | Facility Assessments - Energy Audits and Improvements      | 11                           | <b>TOTALS</b>  | \$30                     | \$30     | \$0   | \$0     | \$0     | \$0     | \$0            | \$0     | \$60     |
| MF-CB-14-02                                       | 2000 South Industrial Site Evaluation                      | 12                           | <b>TOTALS</b>  | \$0                      | \$75     | \$0   | \$0     | \$0     | \$0     | \$0            | \$0     | \$75     |
| MF-CB-18-04                                       | Fire Stations Public Address Speaker System Replacement    | 13                           | <b>TOTALS</b>  | \$0                      | \$100    | \$0   | \$0     | \$0     | \$0     | \$0            | \$0     | \$100    |
| MF-CB-18-02                                       | Fire Station 1 and 6 Restroom Remodels                     | 14                           | <b>TOTALS</b>  | \$0                      | \$0      | \$150 | \$0     | \$0     | \$0     | \$0            | \$0     | \$150    |
|   |  |                              |                | \$993                    | \$18,185 | \$880 | \$2,420 | \$1,932 | \$1,830 | \$2,713        | \$1,375 | \$30,328 |

\*Funding is rounded to the nearest thousands

## Capital Improvements Plan Project Revenues Summary By Category

| ProjectID  | Project Name  | Prioritization Model Rank | Prior Years   | Funding (in thousands) * |         |         |         |         | Beyond 2024 | Total   |          |          |
|--|---|---------------------------|---------------|--------------------------|---------|---------|---------|---------|-------------|---------|----------|----------|
|  |   |                           |               | 2018                     | 2019    | 2020    | 2021    | 2022    |             |         | 2023     |          |
| <b>Municipal Facilities - Parks and Recreation</b> |   |                           |               |                          |         |         |         |         |             |         |          |          |
| MF-PR-08-21  | Recreation Facility Updates and Infrastructure Repairs      | 1                         | <b>TOTALS</b> | \$1,655                  | \$250   | \$250   | \$250   | \$350   | \$250       | \$250   | \$0      | \$3,255  |
| MF-PR-16-02  | Rotary Centennial Playground at Gallup Park                 | 2                         | <b>TOTALS</b> | \$1,000                  | \$0     | \$0     | \$0     | \$0     | \$0         | \$0     | \$0      | \$1,000  |
| MF-PR-14-02  | Leslie Science and Nature Center Master Plan Implementation | 3                         | <b>TOTALS</b> | \$0                      | \$0     | \$0     | \$0     | \$0     | \$200       | \$0     | \$0      | \$200    |
| MF-PR-10-01  | Playgrounds and Neighborhood Park Improvements              | 4                         | <b>TOTALS</b> | \$939                    | \$100   | \$100   | \$100   | \$100   | \$100       | \$100   | \$0      | \$1,539  |
| MF-PR-14-01  | Whitewater Amenities at Argo                                | 5                         | <b>TOTALS</b> | \$0                      | \$0     | \$0     | \$0     | \$0     | \$0         | \$300   | \$0      | \$300    |
| MF-PR-10-06  | Trails & Pathways - Repairs & Reconstruction                | 6                         | <b>TOTALS</b> | \$1,603                  | \$150   | \$200   | \$200   | \$200   | \$200       | \$200   | \$0      | \$2,753  |
| MF-PR-01-04  | Open Space and Park Acquisitions                            | 7                         | <b>TOTALS</b> | \$32,000                 | \$2,000 | \$2,000 | \$2,000 | \$2,000 | \$2,000     | \$2,000 | \$16,000 | \$60,000 |
| MF-PR-10-07  | Trails & Pathways - New Construction                        | 8                         | <b>TOTALS</b> | \$150                    | \$0     | \$0     | \$0     | \$0     | \$0         | \$0     | \$0      | \$150    |
| MF-PR-12-03  | Farmers Market Winter Enclosure and Infrastructure Improve  | 9                         | <b>TOTALS</b> | \$150                    | \$950   | \$0     | \$0     | \$0     | \$0         | \$0     | \$0      | \$1,100  |
| MF-PR-13-01  | Gallup Park Boat Launch                                     | 10                        | <b>TOTALS</b> | \$8                      | \$140   | \$0     | \$0     | \$0     | \$0         | \$0     | \$0      | \$148    |
| MF-PR-08-19  | Baseball/Softball Field Renovations                         | 11                        | <b>TOTALS</b> | \$800                    | \$150   | \$0     | \$0     | \$150   | \$0         | \$0     | \$0      | \$1,100  |
| MF-PR-08-07  | Tennis & Basketball Court Renovations                       | 12                        | <b>TOTALS</b> | \$900                    | \$0     | \$150   | \$0     | \$150   | \$0         | \$150   | \$0      | \$1,350  |
| MF-PR-10-02  | Parks Roads, Bridges and Parking Lots                       | 13                        | <b>TOTALS</b> | \$970                    | \$250   | \$250   | \$150   | \$100   | \$0         | \$0     | \$0      | \$1,720  |
| MF-PR-10-09  | Picnic Shelters   | 14                        | <b>TOTALS</b> | \$500                    | \$50    | \$50    | \$0     | \$0     | \$0         | \$0     | \$0      | \$600    |
| MF-PR-12-06  | Historic Park Structures Repair/Restoration                 | 15                        | <b>TOTALS</b> | \$450                    | \$0     | \$150   | \$0     | \$150   | \$0         | \$0     | \$0      | \$750    |
| MF-PR-10-17  | Bandemer Park Access  | 16                        | <b>TOTALS</b> | \$0                      | \$0     | \$0     | \$0     | \$0     | \$0         | \$50    | \$500    | \$550    |
| MF-PR-10-15  | Fuller Pool Spray Park                                      | 17                        | <b>TOTALS</b> | \$0                      | \$0     | \$0     | \$0     | \$0     | \$400       | \$400   | \$0      | \$800    |
| MF-PR-13-03  | Argo & Geddes Dams - Gates Coating                          | 18                        | <b>TOTALS</b> | \$0                      | \$0     | \$35    | \$1,100 | \$0     | \$0         | \$0     | \$0      | \$1,135  |
| MF-PR-14-08  | Urban Park/Plaza Improvements                               | 19                        | <b>TOTALS</b> | \$0                      | \$0     | \$0     | \$0     | \$0     | \$175       | \$0     | \$0      | \$175    |

\*Funding is rounded to the nearest thousands

**Capital Improvements Plan**  
**Project Revenues Summary By Category**

| ProjectID                                 | Project Name   | Prioritization |               | Prior<br>Years | Funding (in thousands) * |         |         |         |         |         | Beyond<br>2024 | Total    |
|---|--|----------------|---------------|----------------|--------------------------|---------|---------|---------|---------|---------|----------------|----------|
|   |  | Model          | Rank          |                | 2018                     | 2019    | 2020    | 2021    | 2022    | 2023    |                |          |
| MF-PR-14-09                               | 721 N Main Reuse   | 20             | <b>TOTALS</b> | \$0            | \$0                      | \$0     | \$0     | \$0     | \$0     | \$0     | \$400          | \$400    |
| MF-PR-18-01                               | Gallup Pond Dredging                                       | 21             | <b>TOTALS</b> | \$0            | \$0                      | \$0     | \$0     | \$150   | \$0     | \$0     | \$0            | \$150    |
|   |  |                |               | \$41,124       | \$4,040                  | \$3,185 | \$3,800 | \$3,350 | \$3,325 | \$3,450 | \$16,900       | \$79,174 |
| <b>Municipal Facilities - Solid Waste</b> |  |                |               |                |                          |         |         |         |         |         |                |          |
| MF-SW-06-03                               | Drop-off Station   | 1              | <b>TOTALS</b> | \$59           | \$0                      | \$0     | \$490   | \$4,910 | \$0     | \$0     | \$0            | \$5,459  |
| MF-SW-14-01                               | Landfill Remedial Action Plan Contingency                  | 2              | <b>TOTALS</b> | \$80           | \$450                    | \$0     | \$0     | \$0     | \$0     | \$0     | \$0            | \$530    |
| MF-SW-18-03                               | MRF Conveyor System Repair/Replacement                     | 3              | <b>TOTALS</b> | \$0            | \$1,500                  | \$0     | \$0     | \$0     | \$0     | \$0     | \$0            | \$1,500  |
| MF-SW-18-04                               | MRF & Transfer Station Bldg. and Site Evaluation & Repairs | 3              | <b>TOTALS</b> | \$0            | \$750                    | \$0     | \$0     | \$0     | \$0     | \$0     | \$0            | \$750    |
| MF-SW-12-01                               | Landfill Entrance Improvements                             | 4              | <b>TOTALS</b> | \$0            | \$480                    | \$800   | \$0     | \$0     | \$0     | \$0     | \$0            | \$1,280  |
| MF-SW-18-01                               | Northside Methane Collection System Upgrades               | 5              | <b>TOTALS</b> | \$0            | \$120                    | \$0     | \$0     | \$0     | \$0     | \$0     | \$0            | \$120    |
| MF-SW-16-03                               | Natural Gas Fueling Installation                           | 6              | <b>TOTALS</b> | \$0            | \$0                      | \$0     | \$250   | \$0     | \$0     | \$0     | \$0            | \$250    |
| MF-SW-16-02                               | Landfill Plume Remediation                                 | 7              | <b>TOTALS</b> | \$1,100        | \$400                    | \$0     | \$0     | \$0     | \$0     | \$0     | \$0            | \$1,500  |
| MF-SW-10-04                               | Container Storage Building                                 | 8              | <b>TOTALS</b> | \$130          | \$0                      | \$0     | \$470   | \$705   | \$0     | \$0     | \$0            | \$1,305  |
| MF-SW-14-02                               | Solid Waste Management Plan Update (2018-2022)             | 9              | <b>TOTALS</b> | \$0            | \$250                    | \$0     | \$0     | \$0     | \$0     | \$0     | \$0            | \$250    |
|   |  |                |               | \$1,369        | \$3,950                  | \$800   | \$1,210 | \$5,615 | \$0     | \$0     | \$0            | \$12,944 |

\*Funding is rounded to the nearest thousands

**Capital Improvements Plan**  
**Project Revenues Summary By Category**

| ProjectID                       | Project Name   | Prioritization Model Rank | Prior Years   | Funding (in thousands) * |         |       |         |       |         |       | Beyond 2024 | Total    |
|---------------------------------|--|---------------------------|---------------|--------------------------|---------|-------|---------|-------|---------|-------|-------------|----------|
|                                 |  |                           |               | 2018                     | 2019    | 2020  | 2021    | 2022  | 2023    |       |             |          |
| <b>Transportation - Airport</b> |  |                           |               |                          |         |       |         |       |         |       |             |          |
| TR-AP-10-04                     | Runway Safety Extension                              | 1                         | <b>TOTALS</b> | \$0                      | \$3,426 | \$0   | \$0     | \$0   | \$0     | \$0   | \$0         | \$3,426  |
| TR-AP-03-10                     | Terminal Auto Parking Lot Expansion                  | 2                         | <b>TOTALS</b> | \$0                      | \$0     | \$0   | \$38    | \$394 | \$0     | \$0   | \$0         | \$432    |
| TR-AP-16-01                     | Runway Rehabilitation and Pavement Markings          | 3                         | <b>TOTALS</b> | \$0                      | \$0     | \$0   | \$173   | \$0   | \$0     | \$0   | \$0         | \$173    |
| TR-AP-10-02                     | Airport Looping Water Main                           | 4                         | <b>TOTALS</b> | \$0                      | \$0     | \$0   | \$330   | \$0   | \$0     | \$0   | \$0         | \$330    |
| TR-AP-99-11                     | Terminal Expansion                                   | 5                         | <b>TOTALS</b> | \$0                      | \$0     | \$0   | \$0     | \$0   | \$0     | \$776 | \$0         | \$776    |
| TR-AP-03-01                     | Airport Access Road Reconstruction (Airport Blvd)    | 6                         | <b>TOTALS</b> | \$0                      | \$236   | \$328 | \$0     | \$0   | \$0     | \$0   | \$0         | \$564    |
| TR-AP-03-07                     | Rehabilitate and Expand Terminal Apron with Lighting | 7                         | <b>TOTALS</b> | \$0                      | \$0     | \$0   | \$0     | \$0   | \$0     | \$0   | \$1,557     | \$1,557  |
| TR-AP-14-01                     | Reconstruct Southeast and Northeast Taxiways         | 8                         | <b>TOTALS</b> | \$0                      | \$0     | \$0   | \$0     | \$0   | \$1,160 | \$0   | \$0         | \$1,160  |
| TR-AP-10-06                     | Taxilane For Box Hangers                             | 9                         | <b>TOTALS</b> | \$0                      | \$0     | \$0   | \$0     | \$0   | \$0     | \$193 | \$0         | \$193    |
| TR-AP-03-03                     | Airport Storm Water Detention Pond and System        | 10                        | <b>TOTALS</b> | \$0                      | \$0     | \$0   | \$0     | \$0   | \$0     | \$0   | \$128       | \$128    |
| TR-AP-10-01                     | Six Box Hangers                                      | 11                        | <b>TOTALS</b> | \$0                      | \$0     | \$0   | \$1,000 | \$0   | \$0     | \$0   | \$0         | \$1,000  |
| TR-AP-08-02                     | New Corporate Hangar                                 | 12                        | <b>TOTALS</b> | \$0                      | \$0     | \$0   | \$1,000 | \$0   | \$0     | \$0   | \$0         | \$1,000  |
|                                 |  |                           |               | \$0                      | \$3,662 | \$328 | \$2,541 | \$394 | \$1,160 | \$969 | \$1,685     | \$10,739 |

\*Funding is rounded to the nearest thousands



## Capital Improvements Plan Project Revenues Summary By Category

| ProjectID  | Project Name  | Prioritization<br>Model Rank | Prior<br>Years | Funding (in thousands) * |         |          |       |           |         |       | Beyond<br>2024 | Total     |
|--|---|------------------------------|----------------|--------------------------|---------|----------|-------|-----------|---------|-------|----------------|-----------|
|  |   |                              |                | 2018                     | 2019    | 2020     | 2021  | 2022      | 2023    |       |                |           |
| <b>Transportation - Alternative Transportation</b> |   |                              |                |                          |         |          |       |           |         |       |                |           |
| TR-AT-18-25  | Annual Sidewalk Gap Projects                                | 0                            | <b>TOTALS</b>  | \$0                      | \$120   | \$500    | \$0   | \$0       | \$0     | \$400 | \$0            | \$1,020   |
| TR-AT-14-01  | Ann Arbor Station NEPA/PE                                   | 1                            | <b>TOTALS</b>  | \$3,500                  | \$0     | \$0      | \$0   | \$0       | \$0     | \$0   | \$0            | \$3,500   |
| TR-AT-14-06  | Ann Arbor Station Final Design                              | 1                            | <b>TOTALS</b>  | \$0                      | \$2,600 | \$0      | \$0   | \$0       | \$0     | \$0   | \$0            | \$2,600   |
| TR-AT-14-07  | Ann Arbor Station Construction                              | 1                            | <b>TOTALS</b>  | \$0                      | \$0     | \$65,000 | \$0   | \$0       | \$0     | \$0   | \$0            | \$65,000  |
| TR-AT-10-33  | Connector: Conceptual Design and Environmental Review       | 2                            | <b>TOTALS</b>  | \$3,000                  | \$0     | \$0      | \$0   | \$0       | \$0     | \$0   | \$0            | \$3,000   |
| TR-AT-10-38  | Connector: Construction                                     | 2                            | <b>TOTALS</b>  | \$0                      | \$0     | \$0      | \$0   | \$500,000 | \$0     | \$0   | \$0            | \$500,000 |
| TR-AT-18-24  | Connector: Design   | 2                            | <b>TOTALS</b>  | \$0                      | \$0     | \$30,000 | \$0   | \$0       | \$0     | \$0   | \$0            | \$30,000  |
| TR-AT-01-07  | Arboretum/Gallup Underpass                                  | 3                            | <b>TOTALS</b>  | \$50                     | \$0     | \$0      | \$0   | \$200     | \$2,000 | \$0   | \$0            | \$2,250   |
| TR-AT-14-08  | Border to Border Trail: Bandemer to Barton Connection       | 3                            | <b>TOTALS</b>  | \$50                     | \$280   | \$4,220  | \$0   | \$0       | \$0     | \$0   | \$0            | \$4,550   |
| TR-AT-02-13  | Main St (AA-Saline to East Stadium) Shared Use Path         | 4                            | <b>TOTALS</b>  | \$0                      | \$0     | \$0      | \$0   | \$0       | \$0     | \$0   | \$2,230        | \$2,230   |
| TR-AT-10-20  | Major Mid Block Crossing Improvements                       | 5                            | <b>TOTALS</b>  | \$550                    | \$200   | \$0      | \$0   | \$0       | \$0     | \$0   | \$0            | \$750     |
| TR-AT-18-22  | Border to Border Trail: Fuller/Maiden Ln                    | 6                            | <b>TOTALS</b>  | \$0                      | \$0     | \$0      | \$0   | \$796     | \$954   | \$0   | \$0            | \$1,750   |
| TR-AT-10-37  | Shared Use Path: West Huron River Drive to North Main Stre  | 7                            | <b>TOTALS</b>  | \$0                      | \$0     | \$0      | \$0   | \$0       | \$150   | \$750 | \$0            | \$900     |
| TR-AT-16-02  | Wheeler Center Area Sidewalks                               | 8                            | <b>TOTALS</b>  | \$1,748                  | \$0     | \$0      | \$0   | \$0       | \$0     | \$0   | \$0            | \$1,748   |
| TR-AT-12-04  | Ellsworth at Research Park Dr. Pedestrian Crossing          | 9                            | <b>TOTALS</b>  | \$0                      | \$120   | \$0      | \$0   | \$0       | \$0     | \$0   | \$0            | \$120     |
| TR-AT-18-03  | Jackson (Wagner to Park Lake) Sidewalks                     | 10                           | <b>TOTALS</b>  | \$0                      | \$0     | \$0      | \$400 | \$0       | \$0     | \$0   | \$0            | \$400     |
| TR-AT-10-09  | State St (Depot to City Boundary) Non-Motorized Corridor Pr | 11                           | <b>TOTALS</b>  | \$28                     | \$0     | \$0      | \$244 | \$0       | \$0     | \$0   | \$0            | \$272     |
| TR-AT-11-04  | Ann Arbor-Saline Road/I-94 Non-Motorized Improvement: W     | 12                           | <b>TOTALS</b>  | \$0                      | \$0     | \$0      | \$0   | \$0       | \$0     | \$125 | \$1,000        | \$1,125   |
| TR-AT-18-23  | Jackson (West of Highlake) Pedestrian Crossing              | 13                           | <b>TOTALS</b>  | \$0                      | \$260   | \$0      | \$0   | \$0       | \$0     | \$0   | \$0            | \$260     |

\*Funding is rounded to the nearest thousands

## Capital Improvements Plan Project Revenues Summary By Category

| ProjectID   | Project Name   | Prioritization Model Rank |        | Prior Years | Funding (in thousands) * |         |         |         |         |         | Beyond 2024 | Total     |
|-------------|--|---------------------------|--------|-------------|--------------------------|---------|---------|---------|---------|---------|-------------|-----------|
|             |  |                           |        |             | 2018                     | 2019    | 2020    | 2021    | 2022    | 2023    |             |           |
| TR-AT-12-02 | Pedestrian Access Crossing Interstates                     | 14                        | TOTALS | \$0         | \$0                      | \$0     | \$1,100 | \$1,100 | \$1,100 | \$1,100 | \$15,700    | \$20,100  |
| TR-AT-08-03 | Wally: Plymouth Road Rail Station Development              | 15                        | TOTALS | \$0         | \$0                      | \$0     | \$0     | \$0     | \$0     | \$920   | \$0         | \$920     |
| TR-AT-10-22 | Wally: Downtown Station Construction                       | 15                        | TOTALS | \$0         | \$0                      | \$0     | \$0     | \$0     | \$0     | \$0     | \$143,360   | \$143,360 |
| TR-AT-10-28 | Wally: Capital Investment                                  | 15                        | TOTALS | \$0         | \$0                      | \$0     | \$0     | \$0     | \$0     | \$0     | \$250       | \$250     |
| TR-AT-18-14 | Brooks (Mixtwood to Sunset) Sidewalks                      | 16                        | TOTALS | \$0         | \$0                      | \$0     | \$0     | \$0     | \$0     | \$495   | \$0         | \$495     |
| TR-AT-10-05 | Main St (Eisenhower to M-14 Ramp) Non-Motorized Corrido    | 17                        | TOTALS | \$0         | \$0                      | \$0     | \$397   | \$0     | \$0     | \$0     | \$0         | \$397     |
| TR-AT-18-01 | Maple/Miller Area Sidewalks                                | 18                        | TOTALS | \$50        | \$528                    | \$0     | \$0     | \$0     | \$0     | \$0     | \$0         | \$578     |
| TR-AT-18-05 | Traver Rd (Barton to Moore) Sidewalks                      | 19                        | TOTALS | \$0         | \$0                      | \$0     | \$0     | \$0     | \$62    | \$826   | \$0         | \$888     |
| TR-AT-18-18 | Fuller Ct (Fuller to 2250 Fuller Ct) Sidewalks             | 20                        | TOTALS | \$0         | \$0                      | \$0     | \$0     | \$0     | \$315   | \$0     | \$0         | \$315     |
| TR-AT-14-04 | Washtenaw Ave (Pittsfield to Huron Pkwy) Shared Use Path   | 21                        | TOTALS | \$0         | \$100                    | \$0     | \$0     | \$0     | \$0     | \$0     | \$0         | \$100     |
| TR-AT-17-01 | Stone School Sidewalks (Clinton and Stone School Parks Are | 22                        | TOTALS | \$74        | \$183                    | \$0     | \$0     | \$0     | \$0     | \$0     | \$0         | \$256     |
| TR-AT-18-02 | Dexter (Maple to Rosewood/Ironwood) Sidewalks              | 22                        | TOTALS | \$0         | \$0                      | \$0     | \$0     | \$1,575 | \$0     | \$0     | \$0         | \$1,575   |
| TR-AT-18-10 | Nixon (Westbury Ct to Traver Blvd) Sidewalks               | 22                        | TOTALS | \$0         | \$0                      | \$0     | \$231   | \$0     | \$0     | \$0     | \$0         | \$231     |
| TR-AT-18-12 | Newport (Miller to Downup Circle) Sidewalks                | 22                        | TOTALS | \$0         | \$0                      | \$0     | \$0     | \$0     | \$0     | \$0     | \$950       | \$950     |
| TR-AT-18-16 | Dhu Varren (Omlesaad to west end Nixon Farms) Sidewalks    | 22                        | TOTALS | \$0         | \$0                      | \$0     | \$630   | \$0     | \$0     | \$0     | \$0         | \$630     |
| TR-AT-18-17 | Green (Gettsyburg to Burbank) Sidewalks                    | 22                        | TOTALS | \$0         | \$0                      | \$271   | \$0     | \$0     | \$0     | \$0     | \$0         | \$271     |
| TR-AT-16-04 | Non-Motorized Connection under E Medical Center Dr Along   | 23                        | TOTALS | \$0         | \$0                      | \$0     | \$0     | \$220   | \$0     | \$0     | \$0         | \$220     |
| TR-AT-13-01 | Annual Sidewalk Repair Program                             | 24                        | TOTALS | \$6,394     | \$1,050                  | \$1,050 | \$1,050 | \$1,050 | \$1,050 | \$1,050 | \$0         | \$12,694  |
| TR-AT-18-04 | Green (Frederick to Glazier) Sidewalks                     | 25                        | TOTALS | \$0         | \$0                      | \$0     | \$0     | \$0     | \$0     | \$0     | \$597       | \$597     |
| TR-AT-16-03 | Federal Blvd (Stadium west through 2030 Commerce) Sidewa   | 26                        | TOTALS | \$0         | \$0                      | \$203   | \$0     | \$0     | \$0     | \$0     | \$0         | \$203     |

\*Funding is rounded to the nearest thousands

## Capital Improvements Plan Project Revenues Summary By Category

| ProjectID                       | Project Name                                      | Prioritization |               | Prior<br>Years | Funding (in thousands) * |           |         |           |         |         | Beyond<br>2024 | Total     |
|---------------------------------|---|----------------|---------------|----------------|--------------------------|-----------|---------|-----------|---------|---------|----------------|-----------|
|                                 |   | Model          | Rank          |                | 2018                     | 2019      | 2020    | 2021      | 2022    | 2023    |                |           |
| TR-AT-18-06                     | Jones (Plymouth to Broadway) Sidewalks            | 27             | <b>TOTALS</b> | \$0            | \$0                      | \$0       | \$0     | \$0       | \$0     | \$0     | \$765          | \$765     |
| TR-AT-18-08                     | Jewett (S Industrial to Packard) Sidewalks        | 27             | <b>TOTALS</b> | \$0            | \$0                      | \$0       | \$0     | \$0       | \$0     | \$0     | \$552          | \$552     |
| TR-AT-18-09                     | Ellsworth (Railroad to Stone School) Sidewalks    | 28             | <b>TOTALS</b> | \$0            | \$0                      | \$0       | \$0     | \$0       | \$0     | \$0     | \$698          | \$698     |
| TR-AT-08-02                     | Shared Use Path: Northeast Area                   | 29             | <b>TOTALS</b> | \$0            | \$0                      | \$0       | \$0     | \$0       | \$0     | \$65    | \$300          | \$365     |
| TR-AT-18-19                     | Oakwood Sidewalks                                 | 30             | <b>TOTALS</b> | \$0            | \$0                      | \$0       | \$0     | \$0       | \$0     | \$0     | \$508          | \$508     |
| TR-AT-18-07                     | Independence (Victoria to E. of Powell) Sidewalks | 31             | <b>TOTALS</b> | \$0            | \$0                      | \$0       | \$0     | \$0       | \$0     | \$0     | \$495          | \$495     |
| TR-AT-18-13                     | Sunset (Brooks to Newport) Sidewalks              | 31             | <b>TOTALS</b> | \$0            | \$0                      | \$0       | \$0     | \$0       | \$0     | \$0     | \$528          | \$528     |
| TR-AT-18-15                     | Riverwood Nature Area Sidewalks                   | 31             | <b>TOTALS</b> | \$0            | \$0                      | \$0       | \$0     | \$0       | \$0     | \$0     | \$270          | \$270     |
| TR-AT-18-11                     | Virginia and Fair Area Sidewalks                  | 32             | <b>TOTALS</b> | \$0            | \$0                      | \$0       | \$0     | \$0       | \$0     | \$0     | \$193          | \$193     |
| TR-AT-18-20                     | Allmendinger Park Area Sidewalks                  | 32             | <b>TOTALS</b> | \$0            | \$0                      | \$0       | \$0     | \$0       | \$0     | \$0     | \$400          | \$400     |
| TR-AT-18-21                     | Snyder (7th to Edgewood) Sidewalks                | 32             | <b>TOTALS</b> | \$0            | \$0                      | \$0       | \$0     | \$0       | \$0     | \$0     | \$400          | \$400     |
| TR-AT-16-05                     | Morehead-Delaware Pedestrian Bridge               | 33             | <b>TOTALS</b> | \$300          | \$0                      | \$0       | \$0     | \$0       | \$0     | \$0     | \$0            | \$300     |
|                                 |   |                |               | \$15,743       | \$5,441                  | \$101,244 | \$4,053 | \$504,941 | \$5,631 | \$5,731 | \$169,195      | \$811,977 |
| <b>Transportation - Bridges</b> |   |                |               |                |                          |           |         |           |         |         |                |           |
| TR-BR-16-02                     | East Medical Center Drive Bridge Rehabilitation   | 1              | <b>TOTALS</b> | \$0            | \$225                    | \$1,826   | \$0     | \$0       | \$0     | \$0     | \$0            | \$2,051   |
| TR-BR-10-01                     | Biennial Bridge Inspection Program                | 2              | <b>TOTALS</b> | \$720          | \$95                     | \$95      | \$95    | \$95      | \$95    | \$95    | \$0            | \$1,290   |
| TR-BR-18-01                     | Fuller Rd/Maiden Lane Bridge Painting             | 3              | <b>TOTALS</b> | \$0            | \$0                      | \$0       | \$200   | \$1,647   | \$0     | \$0     | \$0            | \$1,847   |
| TR-BR-18-02                     | Huron Parkway Bridge Repairs                      | 4              | <b>TOTALS</b> | \$0            | \$0                      | \$0       | \$130   | \$70      | \$0     | \$0     | \$0            | \$200     |
| TR-BR-16-01                     | Island Drive Bridge Rehabilitation                | 5              | <b>TOTALS</b> | \$0            | \$0                      | \$0       | \$0     | \$393     | \$0     | \$0     | \$0            | \$393     |
|                                 |   |                |               | \$720          | \$320                    | \$1,921   | \$425   | \$2,205   | \$95    | \$95    | \$0            | \$5,781   |

\*Funding is rounded to the nearest thousands

**Capital Improvements Plan  
Project Revenues Summary By Category**

| <b>ProjectID</b>                   | <b>Project Name</b>                             | <b>Prioritization<br/>Model Rank</b> | <b>Prior<br/>Years</b> | <b>Funding (in thousands) *</b> |             |             |             |             | <b>Beyond<br/>2024</b> | <b>Total</b> |             |         |
|------------------------------------|---|--------------------------------------|------------------------|---------------------------------|-------------|-------------|-------------|-------------|------------------------|--------------|-------------|---------|
|                                    |   |                                      |                        | <b>2018</b>                     | <b>2019</b> | <b>2020</b> | <b>2021</b> | <b>2022</b> |                        |              | <b>2023</b> |         |
| <b>Transportation - New Street</b> |   |                                      |                        |                                 |             |             |             |             |                        |              |             |         |
| TR-NS-10-05                        | Burton Road Improvements                        | 1                                    | <b>TOTALS</b>          | \$0                             | \$0         | \$0         | \$1,500     | \$0         | \$0                    | \$0          | \$0         | \$1,500 |
| TR-NS-10-06                        | Termination of Public Street Dead Ends          | 2                                    | <b>TOTALS</b>          | \$333                           | \$100       | \$450       | \$0         | \$0         | \$0                    | \$0          | \$0         | \$883   |
| TR-NS-95-01                        | Oakbrook Drive Extension (west of State Street) | 3                                    | <b>TOTALS</b>          | \$0                             | \$0         | \$0         | \$200       | \$450       | \$1,825                | \$0          | \$0         | \$2,475 |
| TR-NS-10-07                        | Clark Rd. Extension (Huron Pkwy to US-23)       | 4                                    | <b>TOTALS</b>          | \$0                             | \$0         | \$0         | \$0         | \$0         | \$0                    | \$0          | \$1,125     | \$1,125 |
|                                    |   |                                      |                        | \$333                           | \$100       | \$450       | \$1,700     | \$450       | \$1,825                | \$0          | \$1,125     | \$5,983 |

\*Funding is rounded to the nearest thousands

## Capital Improvements Plan Project Revenues Summary By Category

| ProjectID                     | Project Name  | Prioritization Model Rank | Prior Years   | Funding (in thousands) * |       |       |       |         |       | Beyond 2024 | Total   |         |
|-------------------------------|---|---------------------------|---------------|--------------------------|-------|-------|-------|---------|-------|-------------|---------|---------|
|                               |   |                           |               | 2018                     | 2019  | 2020  | 2021  | 2022    | 2023  |             |         |         |
| <b>Transportation - Other</b> |   |                           |               |                          |       |       |       |         |       |             |         |         |
| TR-OT-15-02                   | South University (E Univ. to Washtenaw) Streetscape           | 0                         | <b>TOTALS</b> | \$1,500                  | \$0   | \$0   | \$0   | \$0     | \$0   | \$0         | \$0     | \$1,500 |
| TR-OT-15-03                   | East Liberty Street Tree Pit Expansion                        | 0                         | <b>TOTALS</b> | \$0                      | \$0   | \$0   | \$0   | \$0     | \$0   | \$0         | \$100   | \$100   |
| TR-OT-18-02                   | Huron West (Third to Ashley) Streetscape                      | 0                         | <b>TOTALS</b> | \$0                      | \$0   | \$0   | \$0   | \$0     | \$0   | \$130       | \$1,300 | \$1,430 |
| TR-OT-18-07                   | State St (Liberty to William) Streetscape and Sidewalk Expan  | 0                         | <b>TOTALS</b> | \$0                      | \$0   | \$0   | \$730 | \$270   | \$0   | \$0         | \$0     | \$1,000 |
| TR-OT-18-08                   | Huron East (Division to State) Streetscape                    | 0                         | <b>TOTALS</b> | \$0                      | \$0   | \$0   | \$0   | \$0     | \$0   | \$660       | \$0     | \$660   |
| TR-OT-18-09                   | First and Ashley (Kingsley to Madison) Two Way Conversion     | 0                         | <b>TOTALS</b> | \$0                      | \$0   | \$0   | \$440 | \$4,400 | \$0   | \$0         | \$0     | \$4,840 |
| TR-OT-18-10                   | First (Kingsley to Mosely) Streetscape                        | 0                         | <b>TOTALS</b> | \$0                      | \$0   | \$0   | \$300 | \$3,000 | \$0   | \$0         | \$0     | \$3,300 |
| TR-OT-18-11                   | Ashley (Kingsley to Mosely) Streetscape                       | 0                         | <b>TOTALS</b> | \$0                      | \$0   | \$0   | \$300 | \$3,000 | \$0   | \$0         | \$0     | \$3,300 |
| TR-OT-18-12                   | Liberty (Main to Division) Streetscape                        | 0                         | <b>TOTALS</b> | \$0                      | \$0   | \$0   | \$0   | \$0     | \$770 | \$0         | \$0     | \$770   |
| TR-OT-18-13                   | Washington (Ashley to 3rd) Streetscape                        | 0                         | <b>TOTALS</b> | \$0                      | \$0   | \$0   | \$0   | \$0     | \$0   | \$1,575     | \$0     | \$1,575 |
| TR-OT-18-S3                   | Transportation Plan Update                                    | 1                         | <b>TOTALS</b> | \$0                      | \$400 | \$0   | \$0   | \$0     | \$0   | \$0         | \$0     | \$400   |
| TR-OT-18-S2                   | Signal Timing Optimization                                    | 2                         | <b>TOTALS</b> | \$0                      | \$0   | \$400 | \$0   | \$0     | \$0   | \$0         | \$0     | \$400   |
| TR-OT-18-S1                   | Intelligent Transportation System (ITS) Master Plan           | 3                         | <b>TOTALS</b> | \$0                      | \$0   | \$250 | \$0   | \$0     | \$0   | \$0         | \$0     | \$250   |
| TR-OT-18-04                   | Traffic Observation Expansion                                 | 4                         | <b>TOTALS</b> | \$0                      | \$230 | \$0   | \$0   | \$0     | \$0   | \$0         | \$0     | \$230   |
| TR-OT-18-05                   | Stadium and Maple SCOOT Expansion                             | 5                         | <b>TOTALS</b> | \$0                      | \$0   | \$450 | \$0   | \$0     | \$0   | \$0         | \$0     | \$450   |
| TR-OT-10-07                   | Ellsworth Road Corridor Transportation Study                  | 6                         | <b>TOTALS</b> | \$100                    | \$0   | \$0   | \$0   | \$0     | \$0   | \$0         | \$0     | \$100   |
| TR-OT-18-03                   | Guardrail Capital Maintenance                                 | 7                         | <b>TOTALS</b> | \$0                      | \$154 | \$0   | \$0   | \$0     | \$0   | \$0         | \$0     | \$154   |
| TR-OT-01-09                   | Seventh Street Signal Interconnect                            | 8                         | <b>TOTALS</b> | \$830                    | \$0   | \$0   | \$0   | \$0     | \$0   | \$0         | \$0     | \$830   |
| TR-OT-18-01                   | Streetlight Installation,Capital Replacement, and Condition A | 9                         | <b>TOTALS</b> | \$850                    | \$225 | \$300 | \$350 | \$250   | \$500 | \$350       | \$0     | \$2,825 |

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## Capital Improvements Plan Project Revenues Summary By Category

| ProjectID                                  | Project Name   | Prioritization |        | Prior<br>Years | Funding (in thousands) * |         |         |          |         |         | Beyond<br>2024 | Total    |
|--|--|----------------|--------|----------------|--------------------------|---------|---------|----------|---------|---------|----------------|----------|
|  |  | Model          | Rank   |                | 2018                     | 2019    | 2020    | 2021     | 2022    | 2023    |                |          |
| TR-OT-16-01                                | Seventh Street Transportation (Miller to Stadium)          | 10             | TOTALS | \$0            | \$200                    | \$0     | \$0     | \$0      | \$0     | \$0     | \$0            | \$200    |
| TR-OT-10-06                                | Bird Road Retaining Wall                                   | 11             | TOTALS | \$0            | \$150                    | \$0     | \$0     | \$0      | \$0     | \$0     | \$0            | \$150    |
| TR-OT-01-07                                | Plymouth Road/Commonwealth Signal                          | 12             | TOTALS | \$10           | \$0                      | \$0     | \$0     | \$0      | \$0     | \$80    | \$0            | \$90     |
| TR-OT-12-04                                | Plymouth Road Retaining Walls                              | 13             | TOTALS | \$0            | \$0                      | \$150   | \$0     | \$0      | \$0     | \$0     | \$0            | \$150    |
| TR-OT-10-12                                | Watershed Drive Retaining Wall                             | 14             | TOTALS | \$47           | \$0                      | \$0     | \$0     | \$0      | \$0     | \$0     | \$0            | \$47     |
| TR-OT-10-14                                | Newport Road Retaining Walls                               | 14             | TOTALS | \$0            | \$0                      | \$0     | \$200   | \$0      | \$0     | \$0     | \$0            | \$200    |
|  |  |                |        | \$3,337        | \$1,359                  | \$1,550 | \$2,320 | \$10,920 | \$1,270 | \$2,795 | \$1,400        | \$24,951 |
| <b>Transportation - Parking Facilities</b> |  |                |        |                |                          |         |         |          |         |         |                |          |
| TR-PF-11-02                                | ePark Parking Paystations                                  | 0              | TOTALS | \$3,200        | \$750                    | \$0     | \$0     | \$0      | \$0     | \$0     | \$0            | \$3,950  |
| TR-PF-15-02                                | Vehicle Charging Stations                                  | 0              | TOTALS | \$100          | \$25                     | \$0     | \$0     | \$0      | \$0     | \$0     | \$0            | \$125    |
| TR-PF-16-03                                | Liberty Square Parking Structure Capital Maintenance       | 0              | TOTALS | \$697          | \$676                    | \$0     | \$0     | \$0      | \$405   | \$0     | \$0            | \$1,778  |
| TR-PF-16-04                                | Maynard Parking Structure Capital Maintenance              | 0              | TOTALS | \$544          | \$679                    | \$0     | \$0     | \$0      | \$0     | \$1,222 | \$0            | \$2,445  |
| TR-PF-16-08                                | Library Lane Parking Structure Capital Maintenance         | 0              | TOTALS | \$23           | \$0                      | \$0     | \$86    | \$0      | \$0     | \$331   | \$0            | \$440    |
| TR-PF-16-09                                | 4th and Washington Parking Structure Capital Maintenance   | 0              | TOTALS | \$396          | \$0                      | \$290   | \$0     | \$332    | \$0     | \$0     | \$0            | \$1,018  |
| TR-PF-16-10                                | Forest Ave. Parking Structure Capital Maintenance          | 0              | TOTALS | \$485          | \$0                      | \$95    | \$0     | \$902    | \$0     | \$0     | \$0            | \$1,482  |
| TR-PF-16-11                                | Ann Ashley Parking Structure Capital Maintenance Phase 2   | 0              | TOTALS | \$0            | \$0                      | \$787   | \$693   | \$0      | \$0     | \$608   | \$0            | \$2,088  |
| TR-PF-16-12                                | 4th and William Parking Structure Capital Maintenance      | 0              | TOTALS | \$0            | \$533                    | \$409   | \$0     | \$682    | \$1,456 | \$0     | \$0            | \$3,080  |
| TR-PF-17-01                                | Parking Structure Elevators Capital Maintenance            | 0              | TOTALS | \$160          | \$104                    | \$108   | \$113   | \$117    | \$122   | \$127   | \$0            | \$850    |
| TR-PF-18-01                                | Parking Equipment  | 0              | TOTALS | \$0            | \$350                    | \$804   | \$275   | \$275    | \$0     | \$0     | \$0            | \$1,704  |
| TR-PF-18-02                                | First and Washington Parking Structure Capital Maintenance | 0              | TOTALS | \$0            | \$0                      | \$39    | \$0     | \$0      | \$473   | \$1,104 | \$0            | \$1,617  |
|  |  |                |        | \$5,605        | \$3,117                  | \$2,532 | \$1,167 | \$2,309  | \$2,456 | \$3,391 | \$0            | \$20,577 |

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## Capital Improvements Plan Project Revenues Summary By Category

| ProjectID                                   | Project Name  | Prioritization<br>Model Rank | Prior<br>Years | Funding (in thousands) * |         |         |         |         |         |         | Beyond<br>2024 | Total   |
|---|---|------------------------------|----------------|--------------------------|---------|---------|---------|---------|---------|---------|----------------|---------|
|   |   |                              |                | 2018                     | 2019    | 2020    | 2021    | 2022    | 2023    |         |                |         |
| <b>Transportation - Street Construction</b> |   |                              |                |                          |         |         |         |         |         |         |                |         |
| TR-SC-17-02                                 | State & Ellsworth Roundabout Improvements                   | 0                            | TOTALS         | \$180                    | \$0     | \$0     | \$0     | \$0     | \$0     | \$0     | \$0            | \$180   |
| TR-SC-08-01                                 | Fuller Rd/Maiden Ln/East Medical Center Dr Intersection Imp | 1                            | TOTALS         | \$192                    | \$0     | \$500   | \$3,895 | \$0     | \$0     | \$0     | \$0            | \$4,587 |
| TR-SC-09-03                                 | Stadium Blvd (Main to Kipke) Road Reconstruction            | 2                            | TOTALS         | \$7,371                  | \$1,711 | \$0     | \$0     | \$0     | \$0     | \$0     | \$0            | \$9,083 |
| TR-SC-14-07                                 | Fifth Ave (Kingsley to Catherine) Road Reconstruction       | 3                            | TOTALS         | \$360                    | \$2,250 | \$0     | \$0     | \$0     | \$0     | \$0     | \$0            | \$2,610 |
| TR-SC-14-04                                 | Geddes Ave (Church to Highland) Road Improvements           | 4                            | TOTALS         | \$0                      | \$0     | \$0     | \$0     | \$0     | \$1,250 | \$0     | \$0            | \$1,250 |
| TR-SC-16-18                                 | Nixon/Dhu Varren/Green Intersection Improvements            | 6                            | TOTALS         | \$2,125                  | \$0     | \$0     | \$0     | \$0     | \$0     | \$0     | \$0            | \$2,125 |
| TR-SC-16-20                                 | ASRP - Stone School Rd (Eisenhower to I-94)                 | 7                            | TOTALS         | \$0                      | \$0     | \$525   | \$0     | \$0     | \$0     | \$0     | \$0            | \$525   |
| TR-SC-14-01                                 | ASRP - Stone School Rd (Packard to Eisenhower)              | 8                            | TOTALS         | \$0                      | \$0     | \$210   | \$0     | \$0     | \$0     | \$0     | \$0            | \$210   |
| TR-SC-18-03                                 | Barton Dr (M14 to Pontiac) Resurfacing                      | 8                            | TOTALS         | \$0                      | \$0     | \$0     | \$589   | \$0     | \$0     | \$0     | \$0            | \$589   |
| TR-SC-14-12                                 | Pauline (Stadium to Seventh) Road Improvements              | 9                            | TOTALS         | \$0                      | \$1,150 | \$0     | \$0     | \$0     | \$0     | \$0     | \$0            | \$1,150 |
| TR-SC-18-01                                 | Stadium Blvd (Hutchins to Main) Road Reconstruction         | 9                            | TOTALS         | \$0                      | \$0     | \$0     | \$0     | \$0     | \$0     | \$6,100 | \$0            | \$6,100 |
| TR-SC-14-06                                 | ASRP - State St (Washington to S University)                | 10                           | TOTALS         | \$0                      | \$0     | \$775   | \$1,000 | \$0     | \$0     | \$0     | \$0            | \$1,775 |
| TR-SC-14-21                                 | Seventh (Scio Church to Greenview) Road Improvements        | 11                           | TOTALS         | \$0                      | \$0     | \$1,300 | \$0     | \$0     | \$0     | \$0     | \$0            | \$1,300 |
| TR-SC-16-13                                 | Division Ave (Hoover to Madison) Road Improvements          | 12                           | TOTALS         | \$0                      | \$0     | \$0     | \$1,275 | \$0     | \$0     | \$0     | \$0            | \$1,275 |
| TR-SC-14-09                                 | Scio Church (Main to Seventh) Road Improvements             | 13                           | TOTALS         | \$117                    | \$1,656 | \$0     | \$0     | \$0     | \$0     | \$0     | \$0            | \$1,774 |
| TR-SC-18-04                                 | Greenview (Stadium to Scio Church) Resurfacing              | 13                           | TOTALS         | \$0                      | \$0     | \$0     | \$0     | \$0     | \$0     | \$1,290 | \$0            | \$1,290 |
| TR-SC-18-06                                 | Scio Church (Maple to 7th) Road Resurfacing                 | 14                           | TOTALS         | \$0                      | \$0     | \$0     | \$0     | \$1,870 | \$0     | \$0     | \$0            | \$1,870 |
| TR-SC-16-07                                 | ASRP - Hoover (Main to State)                               | 15                           | TOTALS         | \$0                      | \$0     | \$700   | \$0     | \$0     | \$0     | \$0     | \$0            | \$700   |
| TR-SC-14-15                                 | Miller - Newport Intersection Improvements                  | 16                           | TOTALS         | \$0                      | \$0     | \$0     | \$0     | \$0     | \$0     | \$0     | \$800          | \$800   |

\*Funding is rounded to the nearest thousands

## Capital Improvements Plan Project Revenues Summary By Category

| ProjectID   | Project Name   | Prioritization |        | Prior<br>Years | Funding (in thousands) * |      |         |         |         |         | Beyond<br>2024 | Total   |
|-------------|--|----------------|--------|----------------|--------------------------|------|---------|---------|---------|---------|----------------|---------|
|             |  | Model          | Rank   |                | 2018                     | 2019 | 2020    | 2021    | 2022    | 2023    |                |         |
| TR-SC-12-05 | Liberty (First to Main) Road Reconstruction                  | 17             | TOTALS | \$65           | \$700                    | \$0  | \$0     | \$0     | \$0     | \$0     | \$0            | \$765   |
| TR-SC-06-07 | State St (Kingsley to Fuller/Depot) Brick Pavement Reconstru | 18             | TOTALS | \$0            | \$0                      | \$0  | \$0     | \$0     | \$0     | \$750   | \$0            | \$750   |
| TR-SC-18-02 | Springwater Phase IV Road Reconstruction                     | 19             | TOTALS | \$0            | \$0                      | \$0  | \$0     | \$0     | \$0     | \$0     | \$998          | \$998   |
| TR-SC-18-07 | Chalmers Drive Paving  | 19             | TOTALS | \$0            | \$0                      | \$0  | \$0     | \$785   | \$0     | \$0     | \$0            | \$785   |
| TR-SC-18-17 | Brooks (Miller to Sunset) Resurfacing                        | 19             | TOTALS | \$0            | \$0                      | \$0  | \$0     | \$0     | \$0     | \$1,230 | \$0            | \$1,230 |
| TR-SC-18-19 | Springwater Phase V Road Reconstruction                      | 19             | TOTALS | \$0            | \$0                      | \$0  | \$0     | \$0     | \$0     | \$0     | \$1,320        | \$1,320 |
| TR-SC-16-10 | ASRP - Broadway (Plymouth to Plymouth)                       | 20             | TOTALS | \$0            | \$0                      | \$0  | \$1,300 | \$0     | \$0     | \$0     | \$0            | \$1,300 |
| TR-SC-16-08 | ASRP - Church (Geddes to S University)                       | 21             | TOTALS | \$0            | \$0                      | \$0  | \$0     | \$0     | \$0     | \$242   | \$0            | \$242   |
| TR-SC-18-08 | State St (S University to Packard) Resurfacing               | 22             | TOTALS | \$0            | \$0                      | \$0  | \$0     | \$0     | \$540   | \$0     | \$0            | \$540   |
| TR-SC-06-05 | Detroit Street Brick Rd Pavement Reconstruction              | 23             | TOTALS | \$0            | \$0                      | \$0  | \$0     | \$0     | \$220   | \$2,780 | \$0            | \$3,000 |
| TR-SC-16-19 | ASRP - State St (Packard to Hoover)                          | 24             | TOTALS | \$0            | \$350                    | \$0  | \$0     | \$0     | \$0     | \$0     | \$0            | \$350   |
| TR-SC-18-05 | Jackson (Wagner to MDOT Jurisdiction) Resurfacing            | 25             | TOTALS | \$0            | \$1,235                  | \$0  | \$0     | \$0     | \$0     | \$0     | \$0            | \$1,235 |
| TR-SC-18-09 | North University (State to Fletcher) Resurfacing             | 26             | TOTALS | \$0            | \$0                      | \$0  | \$0     | \$380   | \$0     | \$0     | \$0            | \$380   |
| TR-SC-18-16 | South University (State to E University) Resurfacing         | 27             | TOTALS | \$0            | \$430                    | \$0  | \$0     | \$0     | \$0     | \$0     | \$0            | \$430   |
| TR-SC-12-13 | ASRP - Division (Madison to Huron)                           | 28             | TOTALS | \$940          | \$0                      | \$0  | \$0     | \$0     | \$0     | \$0     | \$0            | \$940   |
| TR-SC-12-01 | ASRP - Zina Pitcher/Catherine ( Ann to Glen)                 | 29             | TOTALS | \$0            | \$0                      | \$0  | \$280   | \$0     | \$0     | \$0     | \$0            | \$280   |
| TR-SC-15-02 | Annual Capital Street Maintenance Program                    | 30             | TOTALS | \$2,155        | \$875                    | \$0  | \$382   | \$1,000 | \$1,000 | \$1,000 | \$0            | \$6,412 |
| TR-SC-16-16 | ASRP - Ann (First to Main)                                   | 31             | TOTALS | \$0            | \$0                      | \$0  | \$0     | \$210   | \$0     | \$0     | \$0            | \$210   |
| TR-SC-18-18 | Huron Pkwy/Tuebingen (Nixon to Traver) Resurfacing           | 31             | TOTALS | \$0            | \$0                      | \$0  | \$0     | \$0     | \$1,210 | \$0     | \$0            | \$1,210 |
| TR-SC-12-17 | Queue Jump Lanes: Washtenaw Avenue                           | 32             | TOTALS | \$0            | \$0                      | \$0  | \$0     | \$100   | \$250   | \$3,090 | \$0            | \$3,440 |

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## Capital Improvements Plan Project Revenues Summary By Category

| ProjectID   | Project Name   | Prioritization |               | Prior<br>Years | Funding (in thousands) * |         |          |         |          |          | Beyond<br>2024 | Total     |
|-------------|--|----------------|---------------|----------------|--------------------------|---------|----------|---------|----------|----------|----------------|-----------|
|             |  | Model          | Rank          |                | 2018                     | 2019    | 2020     | 2021    | 2022     | 2023     |                |           |
| TR-SC-12-20 | Queue Jump Lanes: Plymouth Road                            | 32             | <b>TOTALS</b> | \$0            | \$0                      | \$0     | \$0      | \$100   | \$200    | \$2,060  | \$0            | \$2,360   |
| TR-SC-18-10 | South Industrial (Stimson to Eisenhower) Concrete Pavement | 33             | <b>TOTALS</b> | \$0            | \$0                      | \$600   | \$1,000  | \$0     | \$0      | \$0      | \$0            | \$1,600   |
| TR-SC-13-07 | Annual Street Resurfacing Program (ASRP)                   | 34             | <b>TOTALS</b> | \$10,550       | \$2,530                  | \$3,000 | \$3,000  | \$3,100 | \$3,200  | \$3,300  | \$0            | \$28,680  |
| TR-SC-16-04 | ASRP - Arlington (Washtenaw to Heatherway)                 | 34             | <b>TOTALS</b> | \$975          | \$0                      | \$0     | \$0      | \$0     | \$0      | \$0      | \$0            | \$975     |
| TR-SC-16-05 | Arlington (Geddes Ave to Heatherway)                       | 34             | <b>TOTALS</b> | \$230          | \$0                      | \$0     | \$0      | \$0     | \$0      | \$0      | \$0            | \$230     |
| TR-SC-16-15 | ASRP - Traverwood (Plymouth to Huron Pkwy)                 | 34             | <b>TOTALS</b> | \$0            | \$0                      | \$810   | \$0      | \$0     | \$0      | \$0      | \$0            | \$810     |
| TR-SC-16-06 | ASRP - Hill St (Fifth to State)                            | 35             | <b>TOTALS</b> | \$121          | \$0                      | \$0     | \$0      | \$0     | \$0      | \$0      | \$0            | \$121     |
| TR-SC-16-11 | ASRP - Main (Huron to William)                             | 35             | <b>TOTALS</b> | \$0            | \$0                      | \$0     | \$475    | \$0     | \$0      | \$0      | \$0            | \$475     |
| TR-SC-18-15 | Platt (Huron Pkwy to Packard) Resurfacing                  | 35             | <b>TOTALS</b> | \$0            | \$0                      | \$0     | \$0      | \$0     | \$1,220  | \$0      | \$0            | \$1,220   |
| TR-SC-18-13 | Earhart (Greenhills to US23) Resurfacing                   | 36             | <b>TOTALS</b> | \$0            | \$0                      | \$0     | \$0      | \$0     | \$0      | \$1,735  | \$0            | \$1,735   |
| TR-SC-18-14 | Platt (Washtenaw to Huron Pkwy) Resurfacing                | 36             | <b>TOTALS</b> | \$0            | \$0                      | \$0     | \$0      | \$0     | \$605    | \$0      | \$0            | \$605     |
| TR-SC-16-14 | ASRP - Moore, Swift, and Pontiac                           | 37             | <b>TOTALS</b> | \$0            | \$0                      | \$0     | \$0      | \$410   | \$0      | \$0      | \$0            | \$410     |
| TR-SC-16-03 | ASRP - Hill St (Onondaga to Geddes Ave)                    | 38             | <b>TOTALS</b> | \$0            | \$455                    | \$0     | \$0      | \$0     | \$0      | \$0      | \$0            | \$455     |
| TR-SC-18-12 | Earhart (Geddes to Greenhills) Resurfacing                 | 39             | <b>TOTALS</b> | \$0            | \$0                      | \$0     | \$0      | \$0     | \$915    | \$0      | \$0            | \$915     |
| TR-SC-16-02 | W Huron Alley Repair and Improvements                      | 40             | <b>TOTALS</b> | \$0            | \$0                      | \$0     | \$0      | \$300   | \$0      | \$0      | \$0            | \$300     |
| TR-SC-16-09 | ASRP - Boardwalk (Eisenhower north to end)                 | 41             | <b>TOTALS</b> | \$0            | \$0                      | \$735   | \$0      | \$0     | \$0      | \$0      | \$0            | \$735     |
| TR-SC-18-11 | State St (Stimson to Oakbrook) Concrete Repairs            | 42             | <b>TOTALS</b> | \$0            | \$0                      | \$400   | \$0      | \$0     | \$0      | \$0      | \$0            | \$400     |
|             |  |                |               | \$25,382       | \$13,342                 | \$9,555 | \$13,196 | \$8,255 | \$10,610 | \$23,577 | \$3,118        | \$107,035 |

\*Funding is rounded to the nearest thousands

## Capital Improvements Plan Project Revenues Summary By Category

| ProjectID                         | Project Name   | Prioritization Model Rank | Prior Years   | Funding (in thousands) * |         |         |         |         |       | Beyond 2024 | Total   |           |
|-----------------------------------|--|---------------------------|---------------|--------------------------|---------|---------|---------|---------|-------|-------------|---------|-----------|
|                                   |  |                           |               | 2018                     | 2019    | 2020    | 2021    | 2022    | 2023  |             |         |           |
| <b>Utilities - Sanitary Sewer</b> |  |                           |               |                          |         |         |         |         |       |             |         |           |
| UT-SN-16-09                       | Scio Twp. Pump Station                                     | 0                         | <b>TOTALS</b> | \$200                    | \$0     | \$0     | \$0     | \$0     | \$0   | \$0         | \$0     | \$200     |
| UT-SN-01-09                       | Facilities Renovation                                      | 1                         | <b>TOTALS</b> | \$122,280                | \$0     | \$0     | \$0     | \$0     | \$0   | \$0         | \$0     | \$122,280 |
| UT-SN-18-06                       | Offset Mitigation  | 2                         | <b>TOTALS</b> | \$0                      | \$0     | \$0     | \$0     | \$0     | \$0   | \$0         | \$0     | \$0       |
| UT-SN-14-06                       | Sanitary Sewer Lining Projects                             | 3                         | <b>TOTALS</b> | \$4,750                  | \$1,500 | \$1,500 | \$1,500 | \$1,500 | \$0   | \$0         | \$0     | \$10,750  |
| UT-SN-16-11                       | Sanitary Sewer Collection System Asset Management Plan     | 4                         | <b>TOTALS</b> | \$465                    | \$400   | \$0     | \$0     | \$0     | \$0   | \$0         | \$0     | \$865     |
| UT-SN-14-01                       | Glen/Fuller Diversion                                      | 5                         | <b>TOTALS</b> | \$94                     | \$0     | \$0     | \$200   | \$0     | \$0   | \$0         | \$0     | \$294     |
| UT-SN-02-11                       | Wet Weather Mitigation (Long Term)                         | 6                         | <b>TOTALS</b> | \$20,745                 | \$3,500 | \$0     | \$1,500 | \$2,500 | \$0   | \$0         | \$0     | \$28,245  |
| UT-SN-18-08                       | Springwater Phase IV Sanitary Sewer                        | 7                         | <b>TOTALS</b> | \$0                      | \$0     | \$0     | \$0     | \$0     | \$0   | \$0         | \$160   | \$160     |
| UT-SN-06-01                       | Valhalla Sanitary Sewer Service Extension                  | 8                         | <b>TOTALS</b> | \$110                    | \$0     | \$0     | \$0     | \$0     | \$0   | \$0         | \$1,300 | \$1,410   |
| UT-SN-87-07                       | Calvin Street Sanitary Sewer                               | 8                         | <b>TOTALS</b> | \$0                      | \$0     | \$0     | \$0     | \$0     | \$0   | \$0         | \$850   | \$850     |
| UT-SN-16-15                       | WWTP Asset Management Plan                                 | 9                         | <b>TOTALS</b> | \$400                    | \$0     | \$0     | \$0     | \$0     | \$0   | \$0         | \$0     | \$400     |
| UT-SN-14-03                       | Rock Creek and Huntington Drive Sanitary Sewer Extension   | 10                        | <b>TOTALS</b> | \$0                      | \$0     | \$775   | \$1,200 | \$0     | \$0   | \$0         | \$0     | \$1,975   |
| UT-SN-08-01                       | Wagner Road Sanitary Sewer - South                         | 11                        | <b>TOTALS</b> | \$0                      | \$0     | \$267   | \$333   | \$0     | \$0   | \$0         | \$0     | \$600     |
| UT-SN-08-02                       | Dover Place/Riverview Sanitary Sewer                       | 11                        | <b>TOTALS</b> | \$0                      | \$267   | \$333   | \$0     | \$0     | \$0   | \$0         | \$0     | \$600     |
| UT-SN-16-14                       | Stone School Rd (Packard to Eisenhower) Sanitary Extension | 11                        | <b>TOTALS</b> | \$0                      | \$0     | \$250   | \$0     | \$0     | \$0   | \$0         | \$0     | \$250     |
| UT-SN-18-07                       | Pittsfield Village Sanitary Sewers                         | 12                        | <b>TOTALS</b> | \$0                      | \$0     | \$0     | \$0     | \$0     | \$0   | \$0         | \$2,850 | \$2,850   |
| UT-SN-14-05                       | Lift Station Repair/Replacement Program                    | 13                        | <b>TOTALS</b> | \$0                      | \$0     | \$700   | \$500   | \$500   | \$500 | \$0         | \$0     | \$2,200   |
| UT-SN-18-01                       | Harding (Morton to Wallingford) Sanitary Sewer             | 13                        | <b>TOTALS</b> | \$0                      | \$0     | \$0     | \$0     | \$0     | \$0   | \$0         | \$175   | \$175     |
| UT-SN-03-29                       | Southside Interceptor Rehabilitation                       | 15                        | <b>TOTALS</b> | \$8,970                  | \$1,600 | \$1,600 | \$0     | \$0     | \$0   | \$0         | \$0     | \$12,170  |

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## Capital Improvements Plan Project Revenues Summary By Category

| ProjectID   | Project Name   | Prioritization |               | Prior<br>Years | Funding (in thousands) * |         |         |         |         |         | Beyond<br>2024 | Total     |
|-------------|--|----------------|---------------|----------------|--------------------------|---------|---------|---------|---------|---------|----------------|-----------|
|             |  | Model          | Rank          |                | 2018                     | 2019    | 2020    | 2021    | 2022    | 2023    |                |           |
| UT-SN-16-12 | Sanitary Manhole Lid and Casting Sealing Program         | 16             | <b>TOTALS</b> | \$116          | \$350                    | \$0     | \$0     | \$0     | \$0     | \$0     | \$0            | \$466     |
| UT-SN-18-02 | Horman Ct Sanitary                                       | 17             | <b>TOTALS</b> | \$0            | \$221                    | \$279   | \$0     | \$0     | \$0     | \$0     | \$0            | \$500     |
| UT-SN-16-13 | High Level Trunkline Sanitary Sewer Rehabilitation       | 18             | <b>TOTALS</b> | \$0            | \$0                      | \$1,000 | \$1,000 | \$1,000 | \$0     | \$0     | \$0            | \$3,000   |
| UT-SN-01-28 | South Boulevard Lift Station Elimination & Gravity Sewer | 19             | <b>TOTALS</b> | \$0            | \$0                      | \$0     | \$325   | \$0     | \$0     | \$0     | \$0            | \$325     |
| UT-SN-18-05 | Medical Center Drive Sanitary Manhole Access             | 20             | <b>TOTALS</b> | \$0            | \$0                      | \$0     | \$880   | \$0     | \$0     | \$0     | \$0            | \$880     |
| UT-SN-10-05 | Sanitary Sewer System Public Works Capital Maintenance   | 21             | <b>TOTALS</b> | \$875          | \$400                    | \$400   | \$400   | \$400   | \$400   | \$400   | \$0            | \$3,275   |
| UT-SN-16-08 | Barton Dr (east of M-14 ramp) Sanitary Sewer Extension   | 22             | <b>TOTALS</b> | \$0            | \$0                      | \$0     | \$0     | \$0     | \$120   | \$180   | \$0            | \$300     |
| UT-SN-10-06 | Michigan Stadium Sanitary Sewer Reroute                  | 23             | <b>TOTALS</b> | \$0            | \$0                      | \$0     | \$0     | \$0     | \$0     | \$0     | \$2,100        | \$2,100   |
| UT-SN-01-03 | Austin Sanitary Sewer Outlet                             | 24             | <b>TOTALS</b> | \$0            | \$0                      | \$0     | \$0     | \$0     | \$290   | \$435   | \$0            | \$725     |
| UT-SN-01-30 | Springbrook Sanitary Sewer Extension                     | 25             | <b>TOTALS</b> | \$0            | \$0                      | \$0     | \$0     | \$0     | \$260   | \$0     | \$0            | \$260     |
| UT-SN-10-11 | 2780 Packard Sanitary Extension                          | 25             | <b>TOTALS</b> | \$96           | \$224                    | \$0     | \$0     | \$0     | \$0     | \$0     | \$0            | \$320     |
| UT-SN-18-03 | Sanitary Sewer Annexation Extensions                     | 25             | <b>TOTALS</b> | \$0            | \$0                      | \$0     | \$0     | \$0     | \$0     | \$0     | \$0            | \$0       |
| UT-SN-18-04 | Lafayette - Lenawee Sanitary                             | 26             | <b>TOTALS</b> | \$0            | \$150                    | \$180   | \$0     | \$0     | \$0     | \$0     | \$0            | \$330     |
| UT-SN-18-S1 | WWTP Area & Palmer Dr Area Odor Study                    | 27             | <b>TOTALS</b> | \$0            | \$200                    | \$0     | \$0     | \$0     | \$0     | \$0     | \$0            | \$200     |
| UT-SN-16-16 | Sanitary Sewer Cost of Service Study                     | 28             | <b>TOTALS</b> | \$113          | \$0                      | \$0     | \$0     | \$0     | \$0     | \$0     | \$0            | \$113     |
| UT-SN-16-01 | Mulholland Murray Crosslot Sanitary Mains                | 29             | <b>TOTALS</b> | \$0            | \$0                      | \$500   | \$0     | \$0     | \$0     | \$0     | \$0            | \$500     |
| UT-SN-18-S2 | Northside Interceptor Condition Assessment               | 30             | <b>TOTALS</b> | \$0            | \$280                    | \$0     | \$0     | \$0     | \$0     | \$0     | \$0            | \$280     |
|             |  |                |               | \$159,213      | \$9,092                  | \$7,784 | \$7,838 | \$5,900 | \$1,570 | \$1,015 | \$7,435        | \$199,847 |

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## Capital Improvements Plan Project Revenues Summary By Category

| ProjectID                      | Project Name  | Prioritization Model Rank | Prior Years   | Funding (in thousands) * |         |         |         |         |         | Beyond 2024 | Total   |         |
|--------------------------------|---|---------------------------|---------------|--------------------------|---------|---------|---------|---------|---------|-------------|---------|---------|
|                                |   |                           |               | 2018                     | 2019    | 2020    | 2021    | 2022    | 2023    |             |         |         |
| <b>Utilities - Storm Sewer</b> |   |                           |               |                          |         |         |         |         |         |             |         |         |
| UT-ST-18-17                    | 1250 N Main Area Storm Main Relocation                  | 0                         | <b>TOTALS</b> | \$0                      | \$0     | \$0     | \$402   | \$498   | \$0     | \$0         | \$0     | \$900   |
| UT-ST-18-18                    | Traver Creek Tributary Streambank Stabilization         | 0                         | <b>TOTALS</b> | \$0                      | \$0     | \$0     | \$0     | \$0     | \$0     | \$0         | \$1,000 | \$1,000 |
| UT-ST-18-19                    | Tuebingen Culvert Rehabilitation                        | 0                         | <b>TOTALS</b> | \$0                      | \$0     | \$0     | \$0     | \$0     | \$250   | \$0         | \$0     | \$250   |
| UT-ST-16-02                    | Allen Creek Railroad Berm Opening                       | 1                         | <b>TOTALS</b> | \$688                    | \$1,076 | \$2,757 | \$0     | \$0     | \$0     | \$0         | \$0     | \$4,522 |
| UT-ST-14-03                    | Malletts Streambank Stabilization Phase II              | 2                         | <b>TOTALS</b> | \$0                      | \$0     | \$0     | \$0     | \$0     | \$1,228 | \$1,542     | \$0     | \$2,770 |
| UT-ST-18-09                    | Lower Allen Creek SWMM Area Stormwater Improvements     | 3                         | <b>TOTALS</b> | \$0                      | \$0     | \$0     | \$0     | \$0     | \$1,000 | \$0         | \$3,600 | \$4,600 |
| UT-ST-18-10                    | Placid Way Culvert and Headwall Replacement             | 4                         | <b>TOTALS</b> | \$0                      | \$0     | \$250   | \$0     | \$0     | \$0     | \$0         | \$0     | \$250   |
| UT-ST-09-04                    | Stadium Blvd (Main to Kipke) Storm Sewer Replacement    | 5                         | <b>TOTALS</b> | \$1,476                  | \$0     | \$0     | \$0     | \$0     | \$0     | \$0         | \$0     | \$1,476 |
| UT-ST-12-17                    | State St MDOT Stormwater Management Improvements        | 6                         | <b>TOTALS</b> | \$0                      | \$0     | \$0     | \$0     | \$0     | \$0     | \$0         | \$670   | \$670   |
| UT-ST-18-01                    | Edgewood/Snyder SWMM Area Stormwater                    | 7                         | <b>TOTALS</b> | \$0                      | \$0     | \$100   | \$1,000 | \$1,000 | \$0     | \$0         | \$0     | \$2,100 |
| UT-ST-16-06                    | Stormwater Asset Management Plan                        | 8                         | <b>TOTALS</b> | \$304                    | \$300   | \$0     | \$0     | \$0     | \$0     | \$0         | \$0     | \$604   |
| UT-ST-18-16                    | Stadium Blvd (Hutchins to Main) Stormwater Improvements | 9                         | <b>TOTALS</b> | \$0                      | \$0     | \$0     | \$0     | \$0     | \$0     | \$283       | \$425   | \$708   |
| UT-ST-14-01                    | Village Oaks-Chaucer Court Stormwater Improvements      | 10                        | <b>TOTALS</b> | \$289                    | \$240   | \$0     | \$0     | \$0     | \$0     | \$0         | \$0     | \$529   |
| UT-ST-16-14                    | Street Tree Planting (FY2016-FY2020)                    | 11                        | <b>TOTALS</b> | \$779                    | \$414   | \$414   | \$414   | \$0     | \$0     | \$0         | \$0     | \$2,021 |
| UT-ST-12-16                    | Swift Run MDOT Stormwater Management Improvements       | 12                        | <b>TOTALS</b> | \$0                      | \$0     | \$0     | \$0     | \$326   | \$384   | \$0         | \$0     | \$710   |
| UT-ST-16-05                    | Huron Hills Golf Course Stormwater Improvements         | 13                        | <b>TOTALS</b> | \$0                      | \$0     | \$0     | \$0     | \$0     | \$0     | \$0         | \$1,220 | \$1,220 |
| UT-ST-16-08                    | Churchill Park/Eisenhower ROW Basin                     | 14                        | <b>TOTALS</b> | \$0                      | \$2,100 | \$0     | \$0     | \$0     | \$0     | \$0         | \$0     | \$2,100 |
| UT-ST-16-10                    | Pioneer High Stormwater Basin                           | 14                        | <b>TOTALS</b> | \$0                      | \$0     | \$0     | \$0     | \$0     | \$0     | \$0         | \$1,170 | \$1,170 |
| UT-ST-18-06                    | Parkwood/Pittsfield Village SWMM Area Stormwater Improv | 14                        | <b>TOTALS</b> | \$0                      | \$0     | \$0     | \$221   | \$279   | \$0     | \$0         | \$0     | \$500   |

\*Funding is rounded to the nearest thousands

## Capital Improvements Plan Project Revenues Summary By Category

| ProjectID   | Project Name  | Prioritization Model Rank |               | Prior Years | Funding (in thousands) * |       |       |       |       |       | Beyond 2024 | Total   |
|-------------|---|---------------------------|---------------|-------------|--------------------------|-------|-------|-------|-------|-------|-------------|---------|
|             |   |                           |               |             | 2018                     | 2019  | 2020  | 2021  | 2022  | 2023  |             |         |
| UT-ST-16-01 | Fifth Ave (Kingsley to Catherine) Stormwater Improvements   | 15                        | <b>TOTALS</b> | \$16        | \$334                    | \$100 | \$0   | \$0   | \$0   | \$0   | \$0         | \$450   |
| UT-ST-16-11 | Sister Lakes Stormwater Improvements                        | 16                        | <b>TOTALS</b> | \$30        | \$0                      | \$220 | \$0   | \$0   | \$0   | \$0   | \$0         | \$250   |
| UT-ST-14-22 | Seventh (Scio Church to Greenview) Stormwater Improvem      | 17                        | <b>TOTALS</b> | \$0         | \$0                      | \$320 | \$330 | \$0   | \$0   | \$0   | \$0         | \$650   |
| UT-ST-18-02 | Park Place Apartments SWMM Stormwater Improvements          | 18                        | <b>TOTALS</b> | \$0         | \$0                      | \$0   | \$0   | \$0   | \$0   | \$0   | \$1,000     | \$1,000 |
| UT-ST-18-04 | Mulholland Drive SWMM Area Stormwater Improvements          | 18                        | <b>TOTALS</b> | \$0         | \$0                      | \$0   | \$0   | \$0   | \$0   | \$838 | \$1,062     | \$1,900 |
| UT-ST-18-13 | Springwater Phase IV Stormwater Improvements                | 19                        | <b>TOTALS</b> | \$0         | \$0                      | \$0   | \$0   | \$0   | \$0   | \$0   | \$950       | \$950   |
| UT-ST-18-20 | Springwater Phase V Stormwater Improvements                 | 19                        | <b>TOTALS</b> | \$0         | \$0                      | \$0   | \$0   | \$0   | \$0   | \$0   | \$1,020     | \$1,020 |
| UT-ST-16-09 | Lawton Park Stormwater Basin                                | 20                        | <b>TOTALS</b> | \$0         | \$0                      | \$0   | \$0   | \$0   | \$0   | \$0   | \$5,155     | \$5,155 |
| UT-ST-16-13 | Liberty (First to Main) Stormwater Improvements             | 21                        | <b>TOTALS</b> | \$30        | \$420                    | \$0   | \$0   | \$0   | \$0   | \$0   | \$0         | \$450   |
| UT-ST-16-19 | Geddes Ave (Church to Highland) Stormwater Improvements     | 21                        | <b>TOTALS</b> | \$0         | \$0                      | \$0   | \$0   | \$0   | \$250 | \$0   | \$0         | \$250   |
| UT-ST-16-03 | Millers Creek Channel Modification - Reach D                | 22                        | <b>TOTALS</b> | \$0         | \$0                      | \$0   | \$0   | \$0   | \$0   | \$0   | \$1,500     | \$1,500 |
| UT-ST-14-07 | Storm Sewer Rehabilitation and Lining Projects              | 23                        | <b>TOTALS</b> | \$0         | \$190                    | \$300 | \$300 | \$300 | \$300 | \$300 | \$900       | \$2,590 |
| UT-ST-18-03 | South University / E. University SWMM Area Stormwater Im    | 24                        | <b>TOTALS</b> | \$0         | \$0                      | \$0   | \$0   | \$0   | \$0   | \$442 | \$558       | \$1,000 |
| UT-ST-16-16 | Division Ave (Hoover to Madison) Stormwater Improvements    | 25                        | <b>TOTALS</b> | \$0         | \$0                      | \$0   | \$442 | \$558 | \$0   | \$0   | \$0         | \$1,000 |
| UT-ST-14-13 | Scio Church (Main to Seventh) Stormwater Improvements       | 26                        | <b>TOTALS</b> | \$15        | \$0                      | \$205 | \$0   | \$0   | \$0   | \$0   | \$0         | \$220   |
| UT-ST-18-05 | Glendale/Charlton SWMM Area Stormwater Storage              | 27                        | <b>TOTALS</b> | \$0         | \$0                      | \$0   | \$0   | \$0   | \$0   | \$0   | \$1,200     | \$1,200 |
| UT-ST-14-24 | Briarwood Mall Pond   | 28                        | <b>TOTALS</b> | \$0         | \$0                      | \$0   | \$0   | \$0   | \$0   | \$0   | \$1,200     | \$1,200 |
| UT-ST-18-15 | Arboretum Culverts and Headwalls (School Girls Glen)        | 29                        | <b>TOTALS</b> | \$0         | \$0                      | \$0   | \$250 | \$0   | \$0   | \$0   | \$0         | \$250   |
| UT-ST-12-06 | State St (Kingsley to Fuller/Depot) Storm Sewer Improvement | 30                        | <b>TOTALS</b> | \$0         | \$0                      | \$0   | \$0   | \$0   | \$0   | \$125 | \$175       | \$300   |
| UT-ST-10-13 | Flood Mitigation Implementation Grant Matching              | 31                        | <b>TOTALS</b> | \$400       | \$100                    | \$100 | \$100 | \$100 | \$100 | \$100 | \$300       | \$1,300 |

\*Funding is rounded to the nearest thousands

**Capital Improvements Plan**  
**Project Revenues Summary By Category**

| ProjectID   | Project Name  | Prioritization |               | Prior<br>Years | Funding (in thousands) * |         |         |         |         |         | Beyond<br>2024 | Total    |
|-------------|---|----------------|---------------|----------------|--------------------------|---------|---------|---------|---------|---------|----------------|----------|
|             |   | Model          | Rank          |                | 2018                     | 2019    | 2020    | 2021    | 2022    | 2023    |                |          |
| UT-ST-12-03 | Detroit Street Brick Rd Stormwater Management       | 32             | <b>TOTALS</b> | \$0            | \$0                      | \$0     | \$0     | \$0     | \$0     | \$538   | \$762          | \$1,300  |
| UT-ST-18-08 | Traver Rd /Barton SWMM Area Stormwater Improvements | 33             | <b>TOTALS</b> | \$0            | \$0                      | \$0     | \$0     | \$90    | \$110   | \$0     | \$0            | \$200    |
| UT-ST-18-11 | Scio Church (Maple to 7th) Stormwater Improvements  | 33             | <b>TOTALS</b> | \$0            | \$0                      | \$0     | \$0     | \$155   | \$195   | \$0     | \$0            | \$350    |
| UT-ST-08-04 | Huron Parkway Median Bio-swales                     | 34             | <b>TOTALS</b> | \$0            | \$0                      | \$0     | \$0     | \$0     | \$0     | \$0     | \$839          | \$839    |
| UT-ST-88-05 | Evergreen Subdivision Storm Water (Phase II)        | 35             | <b>TOTALS</b> | \$0            | \$0                      | \$0     | \$0     | \$0     | \$0     | \$0     | \$100          | \$100    |
| UT-ST-18-07 | Signature Drive SWMM Area Stormwater Improvements   | 36             | <b>TOTALS</b> | \$0            | \$0                      | \$150   | \$0     | \$0     | \$0     | \$0     | \$0            | \$150    |
| UT-ST-12-22 | Stream Bank Stabilization (Future locations)        | 37             | <b>TOTALS</b> | \$340          | \$170                    | \$170   | \$170   | \$170   | \$170   | \$170   | \$510          | \$1,870  |
| UT-ST-16-04 | Millers Creek Channel Modification - Reach 5        | 37             | <b>TOTALS</b> | \$0            | \$0                      | \$0     | \$0     | \$0     | \$0     | \$0     | \$650          | \$650    |
| UT-ST-16-18 | State St Area Stormwater Detention                  | 38             | <b>TOTALS</b> | \$0            | \$0                      | \$0     | \$0     | \$0     | \$0     | \$0     | \$300          | \$300    |
| UT-ST-18-14 | Chalmers Drive Stormwater Improvements              | 39             | <b>TOTALS</b> | \$0            | \$0                      | \$0     | \$0     | \$220   | \$255   | \$0     | \$0            | \$475    |
| UT-ST-11-03 | Capital Reconstruction of Structures/Resurfacing    | 40             | <b>TOTALS</b> | \$2,500        | \$500                    | \$500   | \$500   | \$500   | \$500   | \$500   | \$1,500        | \$7,000  |
| UT-ST-08-11 | Marlborough Storm Main Replacement                  | 41             | <b>TOTALS</b> | \$0            | \$0                      | \$0     | \$0     | \$0     | \$0     | \$0     | \$150          | \$150    |
| UT-ST-10-10 | Michigan Stadium Storm Sewer Reroute                | 42             | <b>TOTALS</b> | \$0            | \$0                      | \$0     | \$0     | \$0     | \$0     | \$0     | \$942          | \$942    |
|             |   |                |               | \$6,866        | \$5,844                  | \$5,586 | \$4,129 | \$4,196 | \$4,742 | \$4,838 | \$28,857       | \$65,059 |

\*Funding is rounded to the nearest thousands

## Capital Improvements Plan Project Revenues Summary By Category

| ProjectID                       | Project Name   | Prioritization Model Rank | Prior Years   | Funding (in thousands) * |         |         |         |         |          |          | Beyond 2024 | Total    |
|---------------------------------|--|---------------------------|---------------|--------------------------|---------|---------|---------|---------|----------|----------|-------------|----------|
|                                 |  |                           |               | 2018                     | 2019    | 2020    | 2021    | 2022    | 2023     |          |             |          |
| <b>Utilities - Water System</b> |  |                           |               |                          |         |         |         |         |          |          |             |          |
| UT-WS-18-52                     | WTP: Ammonia Building Improvements                       | 0                         | <b>TOTALS</b> | \$0                      | \$40    | \$0     | \$0     | \$0     | \$400    | \$0      | \$0         | \$440    |
| UT-WS-18-56                     | State St (S University to Hill) Water Main Consolidation | 0                         | <b>TOTALS</b> | \$0                      | \$0     | \$0     | \$0     | \$0     | \$250    | \$0      | \$0         | \$250    |
| UT-WS-16-17                     | WTP: Plant 1 Replacement Project                         | 1                         | <b>TOTALS</b> | \$0                      | \$0     | \$0     | \$3,600 | \$3,600 | \$15,970 | \$21,630 | \$37,600    | \$82,400 |
| UT-WS-16-26                     | Dams: Barton Dam Embankment Rehabilitation               | 2                         | <b>TOTALS</b> | \$20                     | \$120   | \$40    | \$250   | \$1,600 | \$0      | \$0      | \$0         | \$2,030  |
| UT-WS-16-19                     | WTP: Programmable Logic Controllers Replace. & Dam Secu  | 3                         | <b>TOTALS</b> | \$250                    | \$1,000 | \$1,000 | \$0     | \$0     | \$0      | \$0      | \$0         | \$2,250  |
| UT-WS-18-03                     | Maxwell, Wakefield, & Lutz Water Main Replacement        | 4                         | <b>TOTALS</b> | \$40                     | \$435   | \$0     | \$0     | \$0     | \$0      | \$0      | \$0         | \$475    |
| UT-WS-08-06                     | WTP: Steere Farm Well Pump Engine Replacements           | 5                         | <b>TOTALS</b> | \$2,000                  | \$1,680 | \$0     | \$0     | \$0     | \$0      | \$0      | \$0         | \$3,680  |
| UT-WS-16-36                     | WTP: Water System Cost of Service Study                  | 6                         | <b>TOTALS</b> | \$56                     | \$56    | \$0     | \$0     | \$0     | \$0      | \$0      | \$0         | \$113    |
| UT-WS-10-12                     | Stadium Blvd (Main to Kipke) Raw and Domestic Water Mai  | 7                         | <b>TOTALS</b> | \$1,476                  | \$0     | \$0     | \$0     | \$0     | \$0      | \$0      | \$0         | \$1,476  |
| UT-WS-18-38                     | Stadium Blvd (Hutchins to Main) Raw and Domestic Water   | 7                         | <b>TOTALS</b> | \$0                      | \$0     | \$0     | \$0     | \$0     | \$0      | \$1,550  | \$2,325     | \$3,875  |
| UT-WS-18-39                     | Lutz/Eberwhite/Elder/Crest Raw Water Main 30" Upgrade    | 8                         | <b>TOTALS</b> | \$0                      | \$0     | \$0     | \$0     | \$0     | \$0      | \$0      | \$1,806     | \$1,806  |
| UT-WS-18-40                     | State St (Ellsworth to I-94) Raw Water Main 30" Upgrade  | 8                         | <b>TOTALS</b> | \$0                      | \$0     | \$0     | \$0     | \$0     | \$0      | \$0      | \$2,107     | \$2,107  |
| UT-WS-18-41                     | State St (I-94 to Eisenhower) Raw Water Main 30" Upgrade | 8                         | <b>TOTALS</b> | \$0                      | \$0     | \$0     | \$0     | \$0     | \$0      | \$0      | \$2,176     | \$2,176  |
| UT-WS-18-43                     | State St (UM Tennis Ct Entrance to Railroad ROW) Raw Wat | 8                         | <b>TOTALS</b> | \$0                      | \$0     | \$0     | \$0     | \$0     | \$0      | \$0      | \$2,236     | \$2,236  |
| UT-WS-18-44                     | UM Golf Course (State to Stadium) Raw Water Main 30" Up  | 8                         | <b>TOTALS</b> | \$0                      | \$0     | \$0     | \$0     | \$0     | \$0      | \$0      | \$946       | \$946    |
| UT-WS-18-28                     | Stadium Service Drive Water Main Replacement             | 9                         | <b>TOTALS</b> | \$0                      | \$0     | \$0     | \$0     | \$310   | \$390    | \$0      | \$0         | \$700    |
| UT-WS-16-18                     | WTP: Residuals Handling Project                          | 10                        | <b>TOTALS</b> | \$0                      | \$500   | \$1,500 | \$0     | \$0     | \$0      | \$0      | \$0         | \$2,000  |
| UT-WS-18-18                     | WTP: Barton Pump Station 20" Raw Water Suction Piping R  | 11                        | <b>TOTALS</b> | \$0                      | \$0     | \$0     | \$120   | \$1,155 | \$1,125  | \$0      | \$0         | \$2,400  |
| UT-WS-18-19                     | WTP: Barton Pump Station Raw Water Transmission Pipe R   | 11                        | <b>TOTALS</b> | \$0                      | \$0     | \$0     | \$250   | \$900   | \$600    | \$0      | \$0         | \$1,750  |

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## Capital Improvements Plan Project Revenues Summary By Category

| ProjectID   | Project Name   | Prioritization Model Rank |               | Prior Years | Funding (in thousands) * |       |       |       |         |         | Beyond 2024 | Total   |
|-------------|--|---------------------------|---------------|-------------|--------------------------|-------|-------|-------|---------|---------|-------------|---------|
|             |  |                           |               |             | 2018                     | 2019  | 2020  | 2021  | 2022    | 2023    |             |         |
| UT-WS-16-24 | Traver Rd (Barton to S of Moore) Watermain Upsizing        | 12                        | <b>TOTALS</b> | \$0         | \$0                      | \$0   | \$0   | \$0   | \$970   | \$1,230 | \$0         | \$2,200 |
| UT-WS-12-07 | Dams: Barton Dam Concrete Repairs - Phase II               | 13                        | <b>TOTALS</b> | \$0         | \$0                      | \$100 | \$700 | \$700 | \$0     | \$0     | \$0         | \$1,500 |
| UT-WS-16-20 | WTP: HVAC Improvements                                     | 14                        | <b>TOTALS</b> | \$50        | \$200                    | \$0   | \$0   | \$150 | \$1,000 | \$0     | \$0         | \$1,400 |
| UT-WS-13-02 | Seventh (Potter to Lutz) Raw Water Main 30" Upgrade        | 15                        | <b>TOTALS</b> | \$0         | \$0                      | \$0   | \$0   | \$0   | \$0     | \$0     | \$2,580     | \$2,580 |
| UT-WS-18-20 | WTP: Barton Pump Station Valve Replacement                 | 16                        | <b>TOTALS</b> | \$0         | \$0                      | \$100 | \$563 | \$188 | \$0     | \$0     | \$0         | \$850   |
| UT-WS-16-12 | Monroe (State and Packard Area) Water Main Upsizing        | 17                        | <b>TOTALS</b> | \$0         | \$0                      | \$0   | \$0   | \$160 | \$0     | \$0     | \$0         | \$160   |
| UT-WS-16-27 | Liberty (318 W Liberty to Main St) Water Main Replacement  | 17                        | <b>TOTALS</b> | \$40        | \$488                    | \$0   | \$0   | \$0   | \$0     | \$0     | \$0         | \$528   |
| UT-WS-16-28 | Maynard St (Nickels Arcade to Liberty) Watermain Replacem  | 17                        | <b>TOTALS</b> | \$0         | \$0                      | \$100 | \$0   | \$0   | \$0     | \$0     | \$0         | \$100   |
| UT-WS-16-29 | Fifth Ave (Jefferson to Packard) Water Main Upsizing       | 17                        | <b>TOTALS</b> | \$0         | \$0                      | \$0   | \$0   | \$100 | \$0     | \$0     | \$0         | \$100   |
| UT-WS-16-30 | Hill St (Fifth to State) Water Main Upsizing               | 17                        | <b>TOTALS</b> | \$0         | \$0                      | \$0   | \$0   | \$0   | \$0     | \$0     | \$800       | \$800   |
| UT-WS-16-31 | Hoover (Main to State) Water Main Upsizing                 | 17                        | <b>TOTALS</b> | \$0         | \$0                      | \$400 | \$600 | \$0   | \$0     | \$0     | \$0         | \$1,000 |
| UT-WS-16-35 | Division Ave (Hoover to Madison) Water Main Replacement    | 17                        | <b>TOTALS</b> | \$0         | \$0                      | \$0   | \$337 | \$423 | \$0     | \$0     | \$0         | \$760   |
| UT-WS-16-37 | E University (619 E University to Monroe) Water Main Upsiz | 17                        | <b>TOTALS</b> | \$0         | \$0                      | \$0   | \$0   | \$0   | \$0     | \$8     | \$92        | \$100   |
| UT-WS-18-22 | Ann (Glen to Zina Pitcher) Water Main Replacement          | 18                        | <b>TOTALS</b> | \$0         | \$0                      | \$0   | \$0   | \$0   | \$132   | \$168   | \$0         | \$300   |
| UT-WS-14-15 | Plymouth Road (Georgetown Blvd to Green Rd) Water Main     | 19                        | <b>TOTALS</b> | \$0         | \$0                      | \$620 | \$780 | \$0   | \$0     | \$0     | \$0         | \$1,400 |
| UT-WS-16-04 | State St (Granger to Stimpson) Water Main Upsizing         | 20                        | <b>TOTALS</b> | \$0         | \$0                      | \$0   | \$337 | \$423 | \$0     | \$0     | \$0         | \$760   |
| UT-WS-16-05 | Mosely (Main to 3rd), 3rd (Mosley to Madison) & Wilder Pl  | 20                        | <b>TOTALS</b> | \$0         | \$0                      | \$330 | \$420 | \$0   | \$0     | \$0     | \$0         | \$750   |
| UT-WS-18-37 | Nixon (Traver to Plymouth) Water Main Upsizing             | 21                        | <b>TOTALS</b> | \$0         | \$0                      | \$0   | \$0   | \$0   | \$0     | \$0     | \$2,300     | \$2,300 |
| UT-WS-01-10 | WTP: Elevated Storage Tank (West High Service District)    | 22                        | <b>TOTALS</b> | \$142       | \$0                      | \$0   | \$0   | \$0   | \$225   | \$225   | \$4,300     | \$4,892 |
| UT-WS-18-23 | Water Main Distribution System Valve Replacements          | 22                        | <b>TOTALS</b> | \$0         | \$450                    | \$0   | \$0   | \$0   | \$500   | \$0     | \$0         | \$950   |

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## Capital Improvements Plan Project Revenues Summary By Category

| ProjectID   | Project Name   | Prioritization |               | Prior Years | Funding (in thousands) * |       |       |       |       |         | Beyond 2024 | Total   |
|-------------|--|----------------|---------------|-------------|--------------------------|-------|-------|-------|-------|---------|-------------|---------|
|             |  | Model          | Rank          |             | 2018                     | 2019  | 2020  | 2021  | 2022  | 2023    |             |         |
| UT-WS-14-16 | Main St (RR Bridge to Huronview Blvd) Water Main Upsizin   | 23             | <b>TOTALS</b> | \$0         | \$0                      | \$0   | \$0   | \$0   | \$0   | \$0     | \$800       | \$800   |
| UT-WS-18-13 | Harding (Morton to Wallingford) Water Main Construction    | 24             | <b>TOTALS</b> | \$0         | \$0                      | \$0   | \$0   | \$0   | \$0   | \$0     | \$150       | \$150   |
| UT-WS-18-04 | Bucholz Ct Water Main Replacement                          | 25             | <b>TOTALS</b> | \$0         | \$0                      | \$140 | \$0   | \$0   | \$0   | \$0     | \$0         | \$140   |
| UT-WS-18-26 | Page Ave (King George south to end) Water Main Replaceme   | 25             | <b>TOTALS</b> | \$0         | \$0                      | \$225 | \$75  | \$0   | \$0   | \$0     | \$0         | \$300   |
| UT-WS-18-27 | Northside STEAM to Barton Water Main Connection            | 25             | <b>TOTALS</b> | \$0         | \$0                      | \$0   | \$0   | \$0   | \$0   | \$0     | \$500       | \$500   |
| UT-WS-18-29 | Soule (Liberty to Eberwhite School) Water Main Replacement | 25             | <b>TOTALS</b> | \$0         | \$0                      | \$0   | \$0   | \$0   | \$0   | \$0     | \$750       | \$750   |
| UT-WS-16-06 | Fifth Ave (515 N Fifth to Catherine) Water Main Upsizing   | 26             | <b>TOTALS</b> | \$28        | \$472                    | \$0   | \$0   | \$0   | \$0   | \$0     | \$0         | \$500   |
| UT-WS-12-08 | Dams: Superior Dam Concrete Repairs                        | 27             | <b>TOTALS</b> | \$0         | \$0                      | \$100 | \$640 | \$210 | \$0   | \$0     | \$0         | \$950   |
| UT-WS-14-19 | Pauline (Stadium to Seventh) Water Main Replacement        | 28             | <b>TOTALS</b> | \$0         | \$558                    | \$842 | \$0   | \$0   | \$0   | \$0     | \$0         | \$1,400 |
| UT-WS-18-S1 | WTP: Barton Pump Station Master Plan                       | 29             | <b>TOTALS</b> | \$0         | \$200                    | \$0   | \$0   | \$0   | \$0   | \$0     | \$0         | \$200   |
| UT-WS-18-12 | Horman Ct Water Main Replacement                           | 30             | <b>TOTALS</b> | \$0         | \$165                    | \$0   | \$0   | \$0   | \$0   | \$0     | \$0         | \$165   |
| UT-WS-18-15 | Plymouth and Green Intersection Water Main Upgrades        | 31             | <b>TOTALS</b> | \$1,100     | \$267                    | \$0   | \$0   | \$0   | \$0   | \$0     | \$0         | \$1,367 |
| UT-WS-16-34 | Ann (First to Main) Water Main Upsizing                    | 32             | <b>TOTALS</b> | \$0         | \$0                      | \$0   | \$0   | \$120 | \$180 | \$0     | \$0         | \$300   |
| UT-WS-13-03 | Dover Place/Riverview Water Main                           | 33             | <b>TOTALS</b> | \$0         | \$337                    | \$423 | \$0   | \$0   | \$0   | \$0     | \$0         | \$760   |
| UT-WS-18-47 | 8th St (Liberty to Jefferson) Water Main                   | 34             | <b>TOTALS</b> | \$0         | \$0                      | \$0   | \$0   | \$0   | \$0   | \$0     | \$400       | \$400   |
| UT-WS-01-06 | Calvin Street Water Extension                              | 35             | <b>TOTALS</b> | \$0         | \$0                      | \$0   | \$0   | \$0   | \$0   | \$0     | \$625       | \$625   |
| UT-WS-10-14 | Valhalla Drive Water Main                                  | 35             | <b>TOTALS</b> | \$0         | \$0                      | \$0   | \$0   | \$0   | \$0   | \$0     | \$325       | \$325   |
| UT-WS-10-01 | Dams: Barton Dam Coating and Structural Steel Repairs      | 36             | <b>TOTALS</b> | \$0         | \$0                      | \$50  | \$750 | \$0   | \$0   | \$0     | \$0         | \$800   |
| UT-WS-18-30 | Dams: Superior Dam Gate Painting                           | 37             | <b>TOTALS</b> | \$0         | \$0                      | \$70  | \$90  | \$0   | \$0   | \$0     | \$0         | \$160   |
| UT-WS-18-09 | Platt (S of Oakwood to S of Williamsburg) Water Main Repla | 38             | <b>TOTALS</b> | \$0         | \$0                      | \$0   | \$0   | \$0   | \$760 | \$1,140 | \$0         | \$1,900 |

\*Funding is rounded to the nearest thousands

## Capital Improvements Plan Project Revenues Summary By Category

| ProjectID   | Project Name   | Prioritization Model Rank | Prior Years | Funding (in thousands) * |         |         |       |       |       |       | Beyond 2024 | Total   |
|-------------|--|---------------------------|-------------|--------------------------|---------|---------|-------|-------|-------|-------|-------------|---------|
|             |  |                           |             | 2018                     | 2019    | 2020    | 2021  | 2022  | 2023  |       |             |         |
| UT-WS-18-17 | Dams: Barton Dam Hydroelectric Turbine Rebuild           | 39                        | TOTALS      | \$0                      | \$400   | \$0     | \$0   | \$0   | \$0   | \$0   | \$0         | \$400   |
| UT-WS-18-02 | Sycamore Place Water Main Replacement                    | 40                        | TOTALS      | \$0                      | \$70    | \$105   | \$0   | \$0   | \$0   | \$0   | \$0         | \$175   |
| UT-WS-18-14 | Water Main Annexation Extensions                         | 41                        | TOTALS      | \$0                      | \$0     | \$0     | \$0   | \$0   | \$0   | \$0   | \$0         | \$0     |
| UT-WS-18-21 | Ann (Observatory to Zina Pitcher) Water Main Relocation  | 42                        | TOTALS      | \$0                      | \$0     | \$0     | \$0   | \$0   | \$0   | \$0   | \$1,000     | \$1,000 |
| UT-WS-16-09 | Longshore, Indianola, Ottawa, Argo & Amherst Water Main  | 43                        | TOTALS      | \$0                      | \$1,350 | \$1,350 | \$0   | \$0   | \$0   | \$0   | \$0         | \$2,700 |
| UT-WS-10-06 | Washtenaw Ave (South University to Wayne Street) Water M | 44                        | TOTALS      | \$0                      | \$0     | \$0     | \$0   | \$399 | \$501 | \$0   | \$0         | \$900   |
| UT-WS-14-04 | Geddes Road (Huron Pkwy to High Orchard Dr) Water Main   | 45                        | TOTALS      | \$0                      | \$0     | \$0     | \$0   | \$0   | \$0   | \$820 | \$561       | \$1,382 |
| UT-WS-16-11 | Hubbard (Murfin to 600' West) Water Main Replacement     | 46                        | TOTALS      | \$0                      | \$0     | \$300   | \$0   | \$0   | \$0   | \$0   | \$0         | \$300   |
| UT-WS-16-32 | Broadway (Baits to Jones) Water Main Replacement         | 47                        | TOTALS      | \$0                      | \$0     | \$0     | \$440 | \$660 | \$0   | \$0   | \$0         | \$1,100 |
| UT-WS-08-07 | Dams: Barton Pond Early Warning System                   | 48                        | TOTALS      | \$0                      | \$0     | \$25    | \$300 | \$0   | \$0   | \$0   | \$0         | \$325   |
| UT-WS-12-06 | Crest/Buena Vista/West Washington Water Main Replacemen  | 48                        | TOTALS      | \$100                    | \$684   | \$1,026 | \$0   | \$0   | \$0   | \$0   | \$0         | \$1,810 |
| UT-WS-16-10 | Pontiac, Swift, Wright, New Water Mains                  | 48                        | TOTALS      | \$0                      | \$0     | \$0     | \$0   | \$310 | \$390 | \$0   | \$0         | \$700   |
| UT-WS-16-40 | Seventh (Scio Church to Greenview) Water Main Replacemen | 48                        | TOTALS      | \$0                      | \$0     | \$221   | \$279 | \$0   | \$0   | \$0   | \$0         | \$500   |
| UT-WS-16-41 | Geddes Ave (Church to Highland) Water Main Replacement   | 48                        | TOTALS      | \$0                      | \$0     | \$0     | \$0   | \$0   | \$515 | \$653 | \$0         | \$1,168 |
| UT-WS-18-46 | Church (Geddes to S University) Water Main Upsizing      | 49                        | TOTALS      | \$0                      | \$0     | \$0     | \$0   | \$0   | \$0   | \$221 | \$279       | \$500   |
| UT-WS-18-50 | Hill St (Adams to Fifth) Water Main Upsizing             | 49                        | TOTALS      | \$0                      | \$500   | \$0     | \$0   | \$0   | \$0   | \$0   | \$0         | \$500   |
| UT-WS-18-31 | WTP: Architectural and Structural Improvements Ph 3      | 50                        | TOTALS      | \$0                      | \$0     | \$0     | \$0   | \$150 | \$850 | \$0   | \$0         | \$1,000 |
| UT-WS-13-05 | Pontiac Trail Water Main Extension                       | 51                        | TOTALS      | \$150                    | \$0     | \$0     | \$0   | \$0   | \$0   | \$0   | \$450       | \$600   |
| UT-WS-08-04 | WTP: Structural Repairs Project Phase 2                  | 52                        | TOTALS      | \$0                      | \$125   | \$850   | \$800 | \$0   | \$0   | \$0   | \$0         | \$1,775 |
| UT-WS-18-33 | Main St (Huron to RR Bridge) Water Main Replacement      | 52                        | TOTALS      | \$0                      | \$0     | \$0     | \$0   | \$0   | \$0   | \$0   | \$1,800     | \$1,800 |

\*Funding is rounded to the nearest thousands

## Capital Improvements Plan Project Revenues Summary By Category

| ProjectID   | Project Name   | Prioritization |               | Prior<br>Years | Funding (in thousands) * |       |       |       |       |       | Beyond<br>2024 | Total   |
|-------------|--|----------------|---------------|----------------|--------------------------|-------|-------|-------|-------|-------|----------------|---------|
|             |  | Model          | Rank          |                | 2018                     | 2019  | 2020  | 2021  | 2022  | 2023  |                |         |
| UT-WS-08-15 | WTP: Valve Repair Behind Ozone Building                      | 53             | <b>TOTALS</b> | \$0            | \$0                      | \$0   | \$0   | \$50  | \$225 | \$75  | \$0            | \$350   |
| UT-WS-18-08 | Brookwood (White to Packard) Water Main Replacement          | 54             | <b>TOTALS</b> | \$0            | \$165                    | \$125 | \$0   | \$0   | \$0   | \$0   | \$0            | \$290   |
| UT-WS-14-07 | Liberty (Crest to Seventh) Steel Water Main Replacement      | 55             | <b>TOTALS</b> | \$0            | \$0                      | \$0   | \$711 | \$879 | \$0   | \$0   | \$0            | \$1,590 |
| UT-WS-08-05 | WTP: Filter Press Improvements                               | 56             | <b>TOTALS</b> | \$0            | \$0                      | \$0   | \$0   | \$150 | \$750 | \$750 | \$0            | \$1,650 |
| UT-WS-01-31 | State St (at Stimson) Raw Water - Reconstruct Interconnectio | 57             | <b>TOTALS</b> | \$0            | \$0                      | \$0   | \$0   | \$0   | \$0   | \$225 | \$0            | \$225   |
| UT-WS-18-35 | Summit (Daniel to Main) Water Main Replacement               | 58             | <b>TOTALS</b> | \$0            | \$0                      | \$0   | \$663 | \$837 | \$0   | \$0   | \$0            | \$1,500 |
| UT-WS-01-30 | South Boulevard Water Main (Packard to Dead End)             | 59             | <b>TOTALS</b> | \$0            | \$0                      | \$0   | \$250 | \$0   | \$0   | \$0   | \$0            | \$250   |
| UT-WS-18-01 | Dunmore, Waverly, & Weldon Water Main Replacement            | 59             | <b>TOTALS</b> | \$0            | \$0                      | \$310 | \$390 | \$0   | \$0   | \$0   | \$0            | \$700   |
| UT-WS-18-25 | Chaucer, Ascot, & Wembley Water Main Replacement             | 59             | <b>TOTALS</b> | \$0            | \$0                      | \$0   | \$0   | \$0   | \$531 | \$669 | \$0            | \$1,200 |
| UT-WS-08-34 | Detroit Street Brick Rd Water Main Replacement               | 60             | <b>TOTALS</b> | \$0            | \$0                      | \$0   | \$0   | \$0   | \$0   | \$220 | \$270          | \$490   |
| UT-WS-04-07 | Cedar Bend (Lower) Water Main Replacement                    | 61             | <b>TOTALS</b> | \$0            | \$0                      | \$89  | \$111 | \$0   | \$0   | \$0   | \$0            | \$200   |
| UT-WS-12-03 | Provincial (Arlington to Fairlane) Water Main Replacement    | 61             | <b>TOTALS</b> | \$0            | \$0                      | \$89  | \$111 | \$0   | \$0   | \$0   | \$0            | \$200   |
| UT-WS-16-08 | Baldwin (Washtenaw to Wells) Water Main Replacement          | 61             | <b>TOTALS</b> | \$0            | \$0                      | \$0   | \$440 | \$660 | \$0   | \$0   | \$0            | \$1,100 |
| UT-WS-16-23 | Needham, Medford, Buckingham Water Main Replacement          | 61             | <b>TOTALS</b> | \$0            | \$0                      | \$0   | \$0   | \$0   | \$0   | \$0   | \$1,850        | \$1,850 |
| UT-WS-18-51 | Medford (Manchester to Dorchester & Needham to St. France    | 61             | <b>TOTALS</b> | \$0            | \$0                      | \$0   | \$0   | \$0   | \$440 | \$660 | \$0            | \$1,100 |
| UT-WS-16-33 | Main St (William to Huron) Water Main Replacement            | 62             | <b>TOTALS</b> | \$0            | \$0                      | \$0   | \$442 | \$558 | \$0   | \$0   | \$0            | \$1,000 |
| UT-WS-18-06 | Cedar Bend (Upper) Water Main Replacement                    | 63             | <b>TOTALS</b> | \$0            | \$0                      | \$0   | \$0   | \$0   | \$0   | \$0   | \$740          | \$740   |
| UT-WS-18-11 | Brooks & Mixtwood Water Main Replacement                     | 63             | <b>TOTALS</b> | \$0            | \$0                      | \$0   | \$0   | \$0   | \$0   | \$442 | \$558          | \$1,000 |
| UT-WS-01-08 | Eisenhower Parkway (Packard to Stone School) Water Main      | 64             | <b>TOTALS</b> | \$0            | \$0                      | \$0   | \$0   | \$0   | \$0   | \$0   | \$275          | \$275   |
| UT-WS-18-24 | Creal Cres., Creal Ct., Helen St., & Argyle Cres. Water Main | 65             | <b>TOTALS</b> | \$0            | \$0                      | \$0   | \$0   | \$0   | \$0   | \$0   | \$1,600        | \$1,600 |

\*Funding is rounded to the nearest thousands

## Capital Improvements Plan Project Revenues Summary By Category

| ProjectID   | Project Name   | Prioritization |               | Prior<br>Years | Funding (in thousands) * |      |       |       |       |       | Beyond<br>2024 | Total   |
|-------------|--|----------------|---------------|----------------|--------------------------|------|-------|-------|-------|-------|----------------|---------|
|             |  | Model          | Rank          |                | 2018                     | 2019 | 2020  | 2021  | 2022  | 2023  |                |         |
| UT-WS-18-34 | Hatcher Cres., Saunders Cres., & Cooley Ave Water Main Re  | 65             | <b>TOTALS</b> | \$0            | \$0                      | \$0  | \$0   | \$0   | \$0   | \$0   | \$2,000        | \$2,000 |
| UT-WS-18-05 | Washington Heights Water Main (East Medical Center south t | 66             | <b>TOTALS</b> | \$0            | \$0                      | \$0  | \$0   | \$0   | \$0   | \$0   | \$450          | \$450   |
| UT-WS-18-36 | Springwater Phase IV Water Main Replacement                | 67             | <b>TOTALS</b> | \$0            | \$0                      | \$0  | \$0   | \$0   | \$0   | \$0   | \$1,272        | \$1,272 |
| UT-WS-18-58 | Springwater Phase V Water Main Replacement                 | 67             | <b>TOTALS</b> | \$0            | \$0                      | \$0  | \$0   | \$0   | \$0   | \$0   | \$683          | \$683   |
| UT-WS-14-06 | Madison Place Looping Water Main                           | 68             | <b>TOTALS</b> | \$0            | \$0                      | \$0  | \$0   | \$0   | \$0   | \$0   | \$250          | \$250   |
| UT-WS-16-03 | Washtenaw Ave (Wayne St to North End of Tappen School)     | 68             | <b>TOTALS</b> | \$0            | \$0                      | \$0  | \$0   | \$0   | \$0   | \$0   | \$1,700        | \$1,700 |
| UT-WS-06-07 | WTP: Geddes and South East District Control Valve          | 69             | <b>TOTALS</b> | \$0            | \$0                      | \$50 | \$200 | \$0   | \$0   | \$0   | \$0            | \$250   |
| UT-WS-18-54 | Ivydale Ave, Ivywood Dr and Peppermill Way Water Main Re   | 70             | <b>TOTALS</b> | \$0            | \$0                      | \$0  | \$0   | \$0   | \$0   | \$0   | \$1,000        | \$1,000 |
| UT-WS-08-14 | WTP: South Industrial Tank Roof Repair and Painting        | 71             | <b>TOTALS</b> | \$50           | \$550                    | \$0  | \$0   | \$0   | \$0   | \$0   | \$0            | \$600   |
| UT-WS-10-17 | North University Court Water Main                          | 72             | <b>TOTALS</b> | \$0            | \$0                      | \$0  | \$0   | \$0   | \$0   | \$0   | \$235          | \$235   |
| UT-WS-16-13 | Prairie St Water Main Replacement                          | 73             | <b>TOTALS</b> | \$0            | \$0                      | \$0  | \$0   | \$0   | \$0   | \$0   | \$900          | \$900   |
| UT-WS-16-14 | Sunrise Ct Water Main Replacement                          | 73             | <b>TOTALS</b> | \$0            | \$0                      | \$0  | \$0   | \$200 | \$0   | \$0   | \$0            | \$200   |
| UT-WS-18-10 | Summit (Broadway to Main) Water Main Replacement           | 73             | <b>TOTALS</b> | \$0            | \$0                      | \$0  | \$0   | \$0   | \$0   | \$0   | \$1,400        | \$1,400 |
| UT-WS-18-45 | Arlington (Geddes to Heatherway) Water Main Improvements   | 73             | <b>TOTALS</b> | \$0            | \$0                      | \$0  | \$0   | \$0   | \$0   | \$0   | \$1,100        | \$1,100 |
| UT-WS-18-49 | Arbordale St, Sherwood St and Sherwood Ct Water Main Rep   | 73             | <b>TOTALS</b> | \$0            | \$0                      | \$0  | \$0   | \$0   | \$0   | \$0   | \$1,500        | \$1,500 |
| UT-WS-18-53 | Barton (Northside to Pontiac Trail) Water Main Replacement | 73             | <b>TOTALS</b> | \$0            | \$0                      | \$0  | \$178 | \$222 | \$0   | \$0   | \$0            | \$400   |
| UT-WS-14-08 | Westgate Shopping Center Water Main Replacement            | 74             | <b>TOTALS</b> | \$0            | \$0                      | \$0  | \$0   | \$0   | \$0   | \$0   | \$347          | \$347   |
| UT-WS-16-21 | Bird Rd Water RPZ Valve Replacement & Redundant Valve      | 75             | <b>TOTALS</b> | \$0            | \$0                      | \$0  | \$0   | \$0   | \$200 | \$0   | \$0            | \$200   |
| UT-WS-18-48 | Madison (Soule to end) Water Main Replacement              | 76             | <b>TOTALS</b> | \$0            | \$0                      | \$0  | \$0   | \$0   | \$0   | \$0   | \$900          | \$900   |
| UT-WS-12-02 | Greenview (Stadium to Scio Church) Water Main Replaceme    | 77             | <b>TOTALS</b> | \$0            | \$0                      | \$0  | \$0   | \$0   | \$0   | \$485 | \$615          | \$1,100 |

\*Funding is rounded to the nearest thousands

## Capital Improvements Plan Project Revenues Summary By Category

| ProjectID   | Project Name  | Prioritization Model Rank | Prior Years | Funding (in thousands) * |          |          |          |          |          |          | Beyond 2024 | Total     |
|-------------|---|---------------------------|-------------|--------------------------|----------|----------|----------|----------|----------|----------|-------------|-----------|
|             |   |                           |             | 2018                     | 2019     | 2020     | 2021     | 2022     | 2023     |          |             |           |
| UT-WS-16-02 | Heatherway (Arlington to Geddes) Water Main Replacement     | 77                        | TOTALS      | \$0                      | \$0      | \$0      | \$0      | \$350    | \$0      | \$0      | \$0         | \$350     |
| UT-WS-16-15 | Hampshire Rd (Canterbury to Cranbrook) Water Main Replac    | 77                        | TOTALS      | \$0                      | \$0      | \$0      | \$0      | \$0      | \$405    | \$595    | \$0         | \$1,000   |
| UT-WS-16-16 | Glendaloch Rd (Glendaloch Cir to Londonderry) Water Main    | 77                        | TOTALS      | \$0                      | \$0      | \$0      | \$0      | \$0      | \$0      | \$200    | \$0         | \$200     |
| UT-WS-14-05 | Dicken Drive Looping Water Main                             | 78                        | TOTALS      | \$0                      | \$0      | \$0      | \$0      | \$0      | \$0      | \$0      | \$292       | \$292     |
| UT-WS-08-35 | State St (Kingsley to Fuller/Depot) Water Main Replacement  | 79                        | TOTALS      | \$0                      | \$0      | \$0      | \$0      | \$0      | \$0      | \$235    | \$0         | \$235     |
| UT-WS-18-32 | WTP: Metering of Pressure Districts                         | 80                        | TOTALS      | \$0                      | \$0      | \$200    | \$600    | \$400    | \$0      | \$0      | \$0         | \$1,200   |
| UT-WS-06-08 | WTP: Gravity and West High Boundary Valve Replacement       | 81                        | TOTALS      | \$0                      | \$0      | \$0      | \$0      | \$50     | \$350    | \$0      | \$0         | \$400     |
| UT-WS-18-55 | Scio Church (Winsted to Welch) and Waltham to Covington     | 82                        | TOTALS      | \$0                      | \$0      | \$0      | \$0      | \$150    | \$0      | \$0      | \$0         | \$150     |
| UT-WS-18-57 | South University (State to E University) Water Main Abandon | 83                        | TOTALS      | \$0                      | \$200    | \$0      | \$0      | \$0      | \$0      | \$0      | \$0         | \$200     |
| UT-WS-08-12 | WTP: Steere Farm New Well                                   | 84                        | TOTALS      | \$0                      | \$0      | \$0      | \$0      | \$200    | \$100    | \$1,600  | \$0         | \$1,900   |
| UT-WS-16-42 | Washtenaw Ave (County Farm Park to Platt) Water Main Rep    | 85                        | TOTALS      | \$0                      | \$0      | \$0      | \$0      | \$0      | \$0      | \$0      | \$1,600     | \$1,600   |
| UT-WS-16-43 | Washtenaw Ave (Platt to Huron Parkway) Water Main Replac    | 85                        | TOTALS      | \$0                      | \$0      | \$0      | \$0      | \$0      | \$0      | \$0      | \$750       | \$750     |
| UT-WS-08-27 | Traver Rd PRV (between Barton and Leslie Golf Course)       | 86                        | TOTALS      | \$0                      | \$100    | \$0      | \$0      | \$0      | \$0      | \$0      | \$0         | \$100     |
| UT-WS-92-35 | WTP: Steere Farm Well Booster Station                       | 87                        | TOTALS      | \$0                      | \$0      | \$0      | \$0      | \$0      | \$500    | \$1,000  | \$1,000     | \$2,500   |
| UT-WS-16-22 | Washtenaw Ave (Stadium to County Farm Park) Water Main      | 88                        | TOTALS      | \$0                      | \$0      | \$0      | \$0      | \$0      | \$0      | \$0      | \$2,000     | \$2,000   |
| UT-WS-18-07 | South University (E Univ. to Washtenaw) Water Main Service  | 88                        | TOTALS      | \$200                    | \$0      | \$0      | \$0      | \$0      | \$0      | \$0      | \$0         | \$200     |
| UT-WS-03-01 | Ann Arbor Railroad Water Main Bore                          | 89                        | TOTALS      | \$0                      | \$0      | \$0      | \$0      | \$0      | \$0      | \$0      | \$160       | \$160     |
| UT-WS-14-17 | Water Meter and MTU Replacement Program                     | 90                        | TOTALS      | \$0                      | \$2,500  | \$2,500  | \$2,500  | \$2,500  | \$2,500  | \$0      | \$0         | \$12,500  |
|             |   |                           |             | \$5,703                  | \$13,612 | \$13,280 | \$17,927 | \$18,764 | \$30,759 | \$34,801 | \$92,355    | \$227,200 |

\*Funding is rounded to the nearest thousands

Capital Improvements Plan  
Project Revenues Summary By Category

| ProjectID                           | Project Name | Prioritization<br>Model Rank | Prior<br>Years | Funding (in thousands) * |           |          |           |          | Beyond<br>2024 | Total     |             |
|-------------------------------------|--------------|------------------------------|----------------|--------------------------|-----------|----------|-----------|----------|----------------|-----------|-------------|
|                                     |              |                              |                | 2018                     | 2019      | 2020     | 2021      | 2022     |                |           | 2023        |
| <b>Grand Total (in thousands) *</b> |              |                              | \$266,387      | \$82,065                 | \$149,095 | \$62,725 | \$569,231 | \$65,273 | \$83,375       | \$323,445 | \$1,601,596 |

\*Funding is rounded to the nearest thousands

## **FY2018-FY2023 CIP: New Projects**

### **Municipal Facilities: City Owned Buildings**

- MF-CB-18-01 Housing Commission: 1504-1508 Broadway
- MF-CB-18-02 Fire Station 1 and 6 Restroom Remodels
- MF-CB-18-03 New Fire Station A with Emergency Operations Center (EOC)
- MF-CB-18-04 Fire Stations Public Address Speaker System Replacement
- MF-CB-18-05 New Fire Station B

### **Municipal Facilities: Parks and Recreation**

- MF-PR-18-01 Gallup Pond Dredging

### **Municipal Facilities: Solid Waste**

- MF-SW-18-01 Northside Methane Collection System Upgrades
- MF-SW-18-02 MRF & Transfer Station Bldg. and Site Evaluation & Repairs
- MF-SW-18-03 MRF Conveyor System Repair/Replacement

### **Transportation: Alternative Transportation**

- TR-AT-18-01 Maple/Miller Area Sidewalks
- TR-AT-18-02 Dexter (Maple to Rosewood/Ironwood) Sidewalks
- TR-AT-18-03 Jackson (Wagner to Park Lake) Sidewalks
- TR-AT-18-04 Green (Frederick to Glazier) Sidewalks
- TR-AT-18-05 Traver Rd (Barton to Moore) Sidewalks
- TR-AT-18-06 Jones (Plymouth to Broadway) Sidewalks
- TR-AT-18-07 Independence (Victoria to E. of Powell) Sidewalks
- TR-AT-18-08 Jewett (S Industrial to Packard) Sidewalks
- TR-AT-18-09 Ellsworth (Railroad to Stone School) Sidewalks
- TR-AT-18-10 Nixon (Westbury Ct to Traver Blvd) Sidewalks
- TR-AT-18-11 Virginia and Fair Area Sidewalks
- TR-AT-18-12 Newport (Miller to Downup Circle) Sidewalks
- TR-AT-18-13 Sunset (Brooks to Newport) Sidewalks
- TR-AT-18-14 Brooks (Mixtwood to Sunset) Sidewalks
- TR-AT-18-15 Riverwood Nature Area Sidewalks
- TR-AT-18-16 Dhu Varren (Omlesaad to west end Nixon Farms) Sidewalks
- TR-AT-18-17 Green (Gettsyburg to Burbank) Sidewalks
- TR-AT-18-18 Fuller Ct (Fuller to 2250 Fuller Ct) Sidewalks
- TR-AT-18-19 Oakwood Sidewalks
- TR-AT-18-20 Allmendinger Park Area Sidewalks
- TR-AT-18-21 Snyder (7th to Edgewood) Sidewalks
- TR-AT-18-22 Border to Border Trail: Fuller/Maiden Ln
- TR-AT-18-23 Jackson (West of Highlake) Pedestrian Crossing
- TR-AT-18-24 Connector: Design
- TR-AT-18-25 Annual Sidewalk Gap Projects

## **Transportation: Bridges**

- TR-BR-18-01 Fuller Rd/Maiden Lane Bridge Painting
- TR-BR-18-02 Huron Parkway Bridge Repairs

## **Transportation: Other Transportation**

- TR-OT-18-01 Streetlight Projects
- TR-OT-18-02 Huron West (Third to Ashley) Streetscape
- TR-OT-18-03 Guardrail Capital Maintenance
- TR-OT-18-04 Traffic Observation Expansion
- TR-OT-18-05 Stadium and Maple SCOOT Expansion
- TR-OT-18-06 Detection System Capital Upgrades
- TR-OT-18-07 State St (Liberty to William) Streetscape and Sidewalk Expansion
- TR-OT-18-08 Huron East (Division to State) Streetscape
- TR-OT-18-09 First and Ashley (Kingsley to Madison) Two Way Conversion
- TR-OT-18-10 First (Kingsley to Mosely) Streetscape
- TR-OT-18-11 Ashley (Kingsley to Mosely) Streetscape
- TR-OT-18-12 Liberty (Main to Division) Streetscape
- TR-OT-18-13 Washington (Ashley to 3rd) Streetscape
- TR-OT-18-S1 Intelligent Transportation System (ITS) Master Plan
- TR-OT-18-S2 Signal Timing Optimization
- TR-OT-18-S3 Transportation Plan Update

## **Transportation: Parking Facilities**

- TR-PF-18-01 Parking Equipment
- TR-PF-18-02 First and Washington Parking Structure Capital Maintenance

## **Transportation: Streets**

- TR-SC-18-01 Stadium Blvd (Hutchins to Main) Road Reconstruction
- TR-SC-18-02 Springwater Phase IV Road Reconstruction
- TR-SC-18-03 Barton Dr (M14 to Pontiac) Resurfacing
- TR-SC-18-04 Greenview (Stadium to Scio Church) Resurfacing
- TR-SC-18-05 Jackson (Wagner to MDOT Jurisdiction) Resurfacing
- TR-SC-18-06 Scio Church (Maple to 7th) Road Resurfacing
- TR-SC-18-07 Chalmers Drive Paving
- TR-SC-18-08 State St (S University to Packard) Resurfacing
- TR-SC-18-09 North University (State to Fletcher) Resurfacing
- TR-SC-18-10 South Industrial (Stimson to Eisenhower) Concrete Pavement Repair
- TR-SC-18-11 State St (Stimson to Oakbrook) Concrete Repairs
- TR-SC-18-12 Earhart (Geddes to Greenhills) Resurfacing
- TR-SC-18-13 Earhart (Greenhills to US23) Resurfacing
- TR-SC-18-14 Platt (Washtenaw to Huron Pkwy) Resurfacing
- TR-SC-18-15 Platt (Huron Pkwy to Packard) Resurfacing
- TR-SC-18-16 South University (State to E University) Resurfacing
- TR-SC-18-17 Brooks (Miller to Sunset) Resurfacing
- TR-SC-18-18 Huron Pkwy/Tuebingen (Nixon to Traver) Resurfacing
- TR-SC-18-19 Springwater Phase V Road Reconstruction



### **Utilities: Sanitary**

- UT-SN-18-01 Harding (Morton to Wallingford) Sanitary Sewer
- UT-SN-18-02 Horman Ct Sanitary Sewer
- UT-SN-18-03 Sanitary Sewer Annexation Extensions
- UT-SN-18-04 Lafayette - Lenawee Sanitary Sewer
- UT-SN-18-05 Medical Center Drive Sanitary Manhole Access
- UT-SN-18-06 Offset Mitigation
- UT-SN-18-07 Pittsfield Village Sanitary Sewers
- UT-SN-18-08 Springwater Phase IV Sanitary Sewer
- UT-SN-18-S1 WWTP Area & Palmer Dr Area Odor Study
- UT-SN-18-S2 Northside Interceptor Condition Assessment

### **Utilities: Stormwater**

- UT-ST-18-S1 Glen Leven Area Stormwater Investigation
- UT-ST-18-01 Edgewood/Snyder SWMM Area Stormwater
- UT-ST-18-02 Park Place Apartments SWMM Stormwater Improvements
- UT-ST-18-03 South University / E. University SWMM Area Stormwater Improvements
- UT-ST-18-04 Mulholland Drive SWMM Area Stormwater Improvements
- UT-ST-18-05 Glendale/Charlton SWMM Area Stormwater Storage
- UT-ST-18-06 Parkwood/Pittsfield Village SWMM Area Stormwater Improvements
- UT-ST-18-07 Signature Drive SWMM Area Stormwater Improvements
- UT-ST-18-08 Traver Rd /Barton SWMM Area Stormwater Improvements
- UT-ST-18-09 Lower Allen Creek SWMM Area Stormwater Improvements
- UT-ST-18-11 Scio Church (Maple to 7th) Stormwater Improvements
- UT-ST-18-10 Placid Way Culvert and Headwall Replacement
- UT-ST-18-13 Greenview (Stadium to Scio Church) Stormwater Improvements
- UT-ST-18-13 Springwater Phase IV Stormwater Improvements
- UT-ST-18-14 Chalmers Drive Stormwater Improvements
- UT-ST-18-15 Arboretum Culverts and Headwalls (School Girls Glen)
- UT-ST-18-16 Stadium Blvd (Hutchins to Main) Stormwater Improvements
- UT-ST-18-17 1250 N Main Area Storm Main Relocation
- UT-ST-18-18 Traver Creek Tributary Streambank Stabilization
- UT-ST-18-19 Tuebingen Culvert Rehabilitation
- UT-ST-18-20 Springwater Phase V Stormwater Improvements

### **Utilities: Water**

- UT-WS-18-S1 WTP: Barton Pump Station Master Plan
- UT-WS-18-01 Dunmore, Waverly, & Weldon Water Main Replacement
- UT-WS-18-02 Sycamore Place Water Main Replacement
- UT-WS-18-03 Maxwell, Wakefield, & Lutz Water Main Replacement
- UT-WS-18-04 Bucholz Ct Water Main Replacement
- UT-WS-18-05 Washington Heights Water Main (East Medical Center south to bend)
- UT-WS-18-06 Cedar Bend (Upper) Water Main Replacement
- UT-WS-18-07 South University (E Univ. to Washtenaw) Water Main Service Transfers
- UT-WS-18-08 Brookwood (White to Packard) Water Main Replacement

UT-WS-18-09 Platt (S of Oakwood to S of Williamsburg) Water Main Replacement  
UT-WS-18-10 Summit (Broadway to Main) Water Main Replacement  
UT-WS-18-11 Brooks & Mixtwood Water Main Replacement  
UT-WS-18-12 Horman Ct Water Main Replacement  
UT-WS-18-13 Harding (Morton to Wallingford) Water Main Construction  
UT-WS-18-14 Water Main Annexation Extensions  
UT-WS-18-15 Plymouth and Green Intersection Water Main Upgrades  
UT-WS-18-17 Dams: Barton Dam Hydroelectric Turbine Rebuild  
UT-WS-18-18 WTP: Barton Pump Station 20" Raw Water Suction Piping Replacement  
UT-WS-18-19 WTP: Barton Pump Station Raw Water Transmission Pipe Repairs  
UT-WS-18-20 WTP: Barton Pump Station Valve Replacement  
UT-WS-18-21 Ann (Observatory to Zina Pitcher) Water Main Relocation  
UT-WS-18-22 Ann (Glen to Zina Pitcher) Water Main Replacement  
UT-WS-18-23 Water Main Distribution System Valve Replacements  
UT-WS-18-24 Creal Cres., Creal Ct., Helen St., & Argyle Cres. Water Main Replacement  
UT-WS-18-25 Chaucer, Ascot, & Wembley Water Main Replacement  
UT-WS-18-26 Page Ave (King George south to end) Water Main Replacement  
UT-WS-18-27 Northside STEAM to Barton Water Main Connection  
UT-WS-18-28 Stadium Service Drive Water Main Replacement  
UT-WS-18-29 Soule (Liberty to Eberwhite School) Water Main Replacement  
UT-WS-18-30 Dams: Superior Dam Gate Painting  
UT-WS-18-31 WTP: Architectural and Structural Improvements Ph. 3  
UT-WS-18-32 WTP: Metering of Pressure Districts  
UT-WS-18-33 Main St (Huron to RR Bridge) Water Main Replacement  
UT-WS-18-34 Hatcher Cres., Saunders Cres., & Cooley Ave Water Main Replacement  
UT-WS-18-35 Summit (Daniel to Main) Water Main Replacement  
UT-WS-18-36 Springwater Phase IV Water Main Replacement  
UT-WS-18-37 Nixon (Traver to Plymouth) Water Main Upsizing  
UT-WS-18-38 Stadium Blvd (Hutchins to Main) Raw and Domestic Water Mains  
UT-WS-18-39 Lutz/Eberwhite/Elder/Crest Raw Water Main 30" Upgrade  
UT-WS-18-40 State St (Ellsworth to I-94) Raw Water Main 30" Upgrade  
UT-WS-18-41 State St (I-94 to Eisenhower) Raw Water Main 30" Upgrade  
UT-WS-18-42 State St (Eisenhower to UM Tennis Ct Entrance) Raw Water Main 30" Upgrade  
UT-WS-18-43 State St (UM Tennis Ct Entrance to Railroad ROW) Raw Water Main 30" Upgrade  
UT-WS-18-44 UM Golf Course (State to Stadium) Raw Water Main 30" Upgrade  
UT-WS-18-45 Arlington (Geddes to Heatherway) Water Main Improvements  
UT-WS-18-46 Church (Geddes to S University) Water Main Upsizing  
UT-WS-18-47 8th (Liberty to Jefferson) Water Main  
UT-WS-18-48 Madison (Soule to end) Water Main Replacement  
UT-WS-18-49 Arbordale St, Sherwood St and Sherwood Ct Water Main Replacement  
UT-WS-18-50 Hill St (Adams to Fifth) Water Main Upsizing  
UT-WS-18-51 Medford (Manchester to Dorchester & Needham to St. Frances) Water Main  
UT-WS-18-52 WTP: Ammonia Building Improvements  
UT-WS-18-53 Barton (Northside to Pontiac Trail) Water Main Replacement  
UT-WS-18-54 Ivydale Ave, Ivywood Dr and Peppermill Way Water Main Replacement  
UT-WS-18-55 Scio Church (Winsted to Welch) and Waltham to Covington Abandonment  
UT-WS-18-56 State St (S University to Hill) Water Main Abandonment

UT-WS-18-57 South University (State to E University) Water Main Abandonment  
UT-WS-18-58 Springwater Phase V Water Main Replacement

## **FY2018-FY2023 CIP: Completed Projects FY2016 and FY2017\***

**\* Includes projects to be completed by June 30, 2017**

### **Municipal Facilities: City Owned Buildings**

MF-CB-10-04 Guy C. Larcom Municipal Building: Environmental Controls  
MF-CB-12-04 Guy C. Larcom Municipal Building: Freight Elevator Replacement  
MF-CB-14-04 Fire Stations 1 and 6 Rehabilitation Program  
MF-CB-16-08 Guy C. Larcom Municipal Building: 2nd Floor/Council Chamber Renovation

### **Municipal Facilities: Parks and Recreation**

MF-PR-08-07 Tennis & Basketball Court Renovations :  
S Maple Park  
Sugarbush Park  
Woodbury Park  
MF-PR-10-01 Playgrounds and Neighborhood Park Improvements:  
Burr Oak Park  
Gallup Park West Playground  
MF-PR-10-09 Picnic Shelters:  
Wooden shelter at Gallup Park  
MF-PR-12-06 Historic Park Structures Repair/Restoration:  
Cobblestone Farms  
Leslie Homestead  
MF-PR-12-03 Farmers Market Winter Enclosure and Infrastructure Improvements  
MF-PR-16-03 Dog Park at Broadway

### **Municipal Facilities: Solid Waste**

MF-SW-10-03 Methane Gas Recovery Project  
MF-SW-16-01 Biodigester Alternatives and Partners Study  
MF-SW-17-01 Organics Management Study

### **Transportation: Alternative Transportation**

TR-AT-10-20 Major Midblock Crossings:  
Geddes/Fuller/S.University (3)  
Green Rd. west of Kilburn Park (1)  
Stadium Blvd. (3)  
Fuller Rd @ VA Hospital (2)  
Huron Parkway @ Huron High North Entrance (1)  
Stadium at Edgewood (1)  
TR-AT-10-29 ADA Ramp Replacements (consent judgment work)  
TR-AT-13-01 Annual Sidewalk Repair (completed initial repairs citywide; ongoing)  
TR-AT-16-01 Ann Arbor - Saline Rd Pedestrian Safety Crossings (2 btwn W Oakbrook and S Main)

### **Transportation: Alternative Transportation**

TR-NS-10-06 Termination of Public Street Dead Ends (ongoing for functional turnaround; first 3 done):  
Russell St.  
Woodmanor Ct.  
Upland Dr.

### **Transportation: Other Transportation**

TR-OT-16-05 Nixon Corridor Traffic Study

### **Transportation: Parking Facilities**

TR-PF-15-01 4th and William Parking Structure Stairs, Elevators, and Lobby

TR-PF-15-03 Bike House #2 (at Ann Ashley Parking Structure)  
TR-PF-16-02 Ann Ashley Parking Structure Capital Maintenance Phase 1  
TR-PF-16-05 4th and William Parking Structure Capital Maintenance Phase 1

**Transportation: Streets**

TR-SC-10-09 Geddes Ave (Huntington to Hickory) Road Reconstruction  
TR-SC-12-16 ASRP - Observatory (Geddes to Ann)  
TR-SC-13-07 Annual Street Resurfacing:

FY 2016:

Brentwood Ct (King George to End)  
Brierwood (Arborview to Linwood)  
Burgundy (Andover to End)  
Duncan (Miller to Alice)  
Lawrence (Division to State)  
Pepper Pike (Vintage Valley to End)  
Sussex Ct (Tacoma Circle to End)  
Tacoma Circle( King George to King George)  
Vintage Valley (Green to Burgundy)  
Wexford (King George to End)  
Depot (Main to Broadway)  
Devonshire, Belmont, Londonderry  
Jewett (S Industrial to Packard)  
Linwood (Doty to Revena)  
Pine Valley (Packard to Esch)  
Revena S (Huron to End)  
Thayer (Huron to Kingsley)  
Wilton (Arborview to Linwood)

FY 2017 (completed through Fall 2016)

Crack Sealing -Major: 23.4 miles  
Crack Sealing -Local: 14.7 miles  
Hill (5th to State) Patching  
Huron River (Main to Bird) CPM  
Pontiac (Skydale to John R Woods) CPM  
Beaconsfield (Pebble Creek to N Baylis)  
Birch Hollow (Stone School to Chelsea)  
Baylis (Beaconsfield west to End)  
Page (King George to End)  
Pebble Creek( Birch Hollow to Stone School)  
Quail Hollow (Pebble Creek to End)  
Ticknor Ct (Stone School to End)

TR-SC-14-02 Stone School Rd (I-94 to Ellsworth) Road Reconstruction  
TR-SC-14-10 ASRP - Green Rd (Nixon to Burbank)  
TR-SC-14-22 Springwater Subdivision (Ph. 1-3 ) Street Reconstruction  
TR-SC-16-17 W Huron River Drive Sloughing Correction  
TR-SC-17-01 FY2016 County Millage Improvements:

Eisenhower (Ann Arbor Saline to Boardwalk)  
Ellsworth (State to Platt)  
Newport [Miller to Sunset]  
State (Eisenhower to I-94)  
Dexter (Maple to City Limits)  
Pauline (Maple to Stadium)  
Dhu Varren (Pontiac Trail to RR)

TR-SC-17-03 Colony/Essex/Manchester Concrete Repairs

### **Utilities: Sanitary**

|             |   |
|-------------|---|
| UT-SN-08-05 | Geddes Ave (Huntington to Hickory) Sanitary Sewer         |
| UT-SN-12-03 | Stone School (I-94 to Ellsworth) Sanitary                 |
| UT-SN-16-02 | Zina Pitcher/Huron/Washtenaw Area Sanitary Rehabilitation |
| UT-SN-16-03 | Huron/West Park Sanitary: SSWWEP Project Area A           |
| UT-SN-16-04 | High Level/1st Street Sanitary: SSWWEP Project Area B     |
| UT-SN-16-05 | High Level/State & Hoover: SSWWEP Project Area C          |
| UT-SN-16-06 | Pittsfield Valley Sanitary: SSWWEP Project Area D         |
| UT-SN-16-07 | Glen Leven Sanitary: SSWWEP Project Area E                |
| UT-SN-16-10 | WWTP Bridge Capital Maintenance                           |

### **Utilities: Stormwater**

|             |  |
|-------------|--|
| UT-ST-10-04 | Springwater Subdivision (Ph. 1-3) Storm Sewer Replacement  |
| UT-ST-10-17 | West Park Fairgrounds Drain Improvements                   |
| UT-ST-10-18 | McKinley/White/Arch Storm Vault                            |
| UT-ST-10-20 | Geddes Ave (Huntington to Hickory) Stormwater Improvements |
| UT-ST-10-21 | Stone School Rd (I-94 to Ellsworth) Storm Improvements     |
| UT-ST-13-01 | Traver St/AARR Culvert Replacement                         |
| UT-ST-16-07 | Ferdon to Wells Crosslot Storm Pipe Relocation             |
| UT-ST-16-20 | State Street Outlet Storm Sewer                            |

### **Utilities: Water**

|             |  |
|-------------|--|
| UT-WS-02-19 | Manchester Elevated Water Tank Paint Project                     |
| UT-WS-08-10 | Barton Electrical Upgrades & S Industrial PS                     |
| UT-WS-08-20 | Devonshire/Belmont/Londonderry Water Quality Improvements        |
| UT-WS-10-15 | Russet, Russell & Redeemer Water Main Replacement                |
| UT-WS-12-04 | Duncan Water Main Replacement                                    |
| UT-WS-13-04 | Stone School Rd (I-94 to Ellsworth) Water Main Replacement       |
| UT-WS-14-01 | Plant 1 Replacement Study  |
| UT-WS-14-11 | Lawrence Water Main Upsizing                                     |
| UT-WS-14-14 | Orchard Hills Water Main Extension                               |
| UT-WS-14-18 | Springwater Subdivision (Ph. 1-3) Water Main Replacement         |
| UT-WS-16-07 | Summit (Wheeler Park) Transmission Water Main Replacement        |
| UT-WS-16-25 | WTP: East High Service Pump Variable Frequency Drive Replacement |
| UT-WS-16-38 | Division Ave (Jefferson to William) Water Main Improvements      |
| UT-WS-16-39 | Observatory (Geddes to Ann) 12" Water Main                       |
| UT-WS-17-02 | Geddes Ave (Huntington to Hickory) Water Stubs                   |

| 2016 |   | SCORING   |  |  |  | Low  | ← | → | High |
|------|---|---|--|--|--|--|---|---|------|
| 1    | <b>Sustainability Framework Goals</b>           | <b>0</b><br>Contributes to meeting 1 or less of the City's Sustainability Framework Goals                           | <b>3</b><br>Modestly contributes to meeting two to three of the City's Sustainability Framework goals  | <b>7</b><br>Significantly contributes to meeting two or three of the City's Sustainability Framework goals <b>OR</b> modestly contributes to meeting four or more of the City's Sustainability Framework goals                                       | <b>10</b><br>Significantly contributes to meeting 4 or more of the City's Sustainability Framework goals   |  |   |   |      |
| 2    | <b>Safety/Compliance/Emergency Preparedness</b> | <b>0</b><br>Does not address safety, compliance, or emergency preparedness considerations                           | <b>2</b><br>Modestly contributes to reducing a public health or safety hazard, but is not required for compliance  | <b>5</b><br>Will assist in ability to continue governmental services during emergencies <b>OR</b> will eliminate a low risk public health or safety hazard   | <b>8</b><br>Necessary to meet recommended regulatory compliance <b>OR</b> will reduce exposure to a high risk public health or safety exposure   | <b>10</b><br>Contributes to mandatory regulatory compliance <b>OR</b> will eliminate exposure to a high risk public health or safety hazard <b>OR</b> is necessary to assure continuance of governmental services during emergencies |   |   |      |
| 3    | <b>Funding</b>                                  | <b>0</b><br>Has no potential funding  | <b>2</b><br>Has uncertain funding source(s) (e.g., Special Assessment, General Fund) <b>OR</b> has anticipated funding from low-interest loan source (e.g., SRF, DWRF, Energy Fund) with no loan forgiveness   | <b>6</b><br>Funding available from standard City funding sources (e.g., utility rates, road millage, etc.) <b>OR</b> has anticipated funding from low-interest loan source (e.g., DWRF, SRF, Energy Fund) with high potential for loan forgiveness   | <b>8</b><br>Has anticipated partial project funding (<50%) from outside non-loan source(s)   | <b>10</b><br>Has anticipated substantial project funding (≥50%) from outside non-loan sources (e.g., STP, grant funding, developer, Township financed)   |   |   |      |
| 4    | <b>Coordination with Other Projects</b>         | <b>0</b><br>There are no other planned projects that should be coordinated with this Project                        | <b>5</b><br>Costs can be modestly reduced (< 20%) by aligning project with another project (e.g. street reconstruction with utility replacement) <b>OR</b> no cost savings will be realized but aligning with another project minimizes disruption to the public | <b>8</b><br>Costs can be significantly reduced (≥20%) by aligning project with another project (e.g. street reconstruction with utility replacement)   | <b>10</b><br>Schedule is driven by other high-priority improvements that must be completed within the next two fiscal years  |  |   |   |      |
| 5    | <b>Master Plan Objectives</b>                   | <b>0</b><br>Does not contribute to meeting any of the City's master plan or other strategic planning document goals | <b>3</b><br>Modestly contributes to meeting one of the City's master plan or other strategic planning document goals   | <b>6</b><br>Significantly contributes to meeting one of the City's master plan or other strategic planning document goals <b>OR</b> modestly contributes to meeting two or more of the City's master plan or other strategic planning document goals | <b>10</b><br>Significantly contributes to meeting two or more of the City's master plan or other strategic planning document goals   |  |   |   |      |
| 6    | <b>User Experience (Level of Service)</b>       | <b>0</b><br>Will not affect Level of Service  | <b>4</b><br>Modestly improves existing Level of Service  | <b>7</b><br>Provides a new service requested by and that benefits a small segment of the community   | <b>10</b><br>Significantly improves existing Level of Service <b>OR</b> provides a new service which is requested by and benefits a large segment of the community   |  |   |   |      |
| 7    | <b>Innovation</b>                               | <b>0</b><br>Does not include any innovative measures or items   | <b>3</b><br>Modestly promotes or incorporates a single innovative technique, funding strategy, material, or BMP  | <b>7</b><br>Modestly promotes or incorporates more than one innovative technique, funding strategy, material, or BMP   | <b>10</b><br>Significantly promotes or incorporates multiple known innovative techniques, funding strategies, materials, or BMPs   |  |   |   |      |
| 8    | <b>Partnerships</b>                             | <b>0</b><br>Does not provide opportunity for partnerships   | <b>3</b><br>Promotes regional or interagency planning and coordination <b>OR</b> public/private partnership  | <b>10</b><br>Promotes regional or interagency planning and coordination <b>OR</b> public/private partnership <b>AND</b> provides for shared staffing resources   |  |  |   |   |      |
| 9    | <b>System Influence/Capacity</b>                | <b>0</b><br>Does not contribute to larger system network or user demand   | <b>3</b><br>Meets future user demand   | <b>6</b><br>Addresses immediate user demand that benefits a small segment of the user population   | <b>10</b><br>Addresses immediate user demand that benefits a large segment of the user population  |  |   |   |      |
| 10   | <b>O&amp;M (Operations &amp; Maintenance)</b>   | <b>0</b><br>Will cause increase <b>OR</b> have a neutral effect on O&M costs  | <b>3</b><br>Makes modest contribution to O&M cost reduction  | <b>7</b><br>Makes modest contribution to O&M cost reduction <b>AND</b> creates opportunities to improve operational flexibility, use of technology, or extends asset life  | <b>10</b><br>Makes significant contribution to O&M cost reduction <b>AND</b> creates opportunities to maximize operational flexibility, use of technology, or extends asset life, or utilizes materials or techniques that provide lowest overall life-cycle costs |  |   |   |      |

## CLIMATE AND ENERGY

**Sustainable Energy** – Improve access to and increase use of renewable energy by all members of our community

**Energy Conservation** – Reduce energy consumption and eliminate net greenhouse gas emissions in our community

**High Performance Buildings** – Increase efficiency in new and existing buildings within our community

## COMMUNITY

**Engaged Community** - Ensure our community is strongly connected through outreach, opportunities for engagement, and stewardship of community resources

**Diverse Housing** - Provide high quality, safe, efficient, and affordable housing choices to meet the current and future needs of our community, particularly for homeless and low-income households

**Human Services** - Provide services that meet basic human needs of impoverished and disenfranchised residents to maximize the health and well-being of the community

**Safe Community** - Minimize risk to public health and property from manmade and natural hazards

**Active Living and Learning** - Improve quality of life by providing diverse cultural, recreational, and educational opportunities for all members of our community

**Economic Vitality** - Develop a prosperous, resilient local economy that provides opportunity by creating jobs, retaining and attracting talent, supporting a diversity of businesses across all sectors, and rewarding investment in our community

## LAND USE AND ACCESS

**Transportation Options** - Establish a physical and cultural environment that supports and encourages safe, comfortable and efficient ways for pedestrians, bicyclists, and transit users to travel throughout the city and region

**Sustainable Systems** - Plan for and manage constructed and natural infrastructure systems to meet the current and future needs of our community

**Integrated Land Use** - Encourage a compact pattern of diverse development that maintains our unique sense of place, preserves our natural systems, and strengthens our neighborhoods, corridors, and downtown

## RESOURCE MANAGEMENT

**Clean Air and Water** - Eliminate pollutants in our air and water systems

**Healthy Ecosystems** - Conserve, protect, enhance, and restore our aquatic and terrestrial ecosystems

**Responsible Resource Use** - Produce zero waste and optimize the use and reuse of resources in our community

**Local Food** - Conserve, protect, enhance, and restore our local agriculture and aquaculture resources