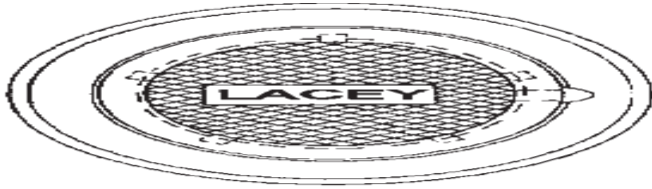

Wastewater



Background

The City of Lacey owns, operates, and maintains a wastewater (sewer) system with a service area of approximately 33 square miles. The system consists of approximately 236 miles of interceptor, gravity, force, and septic tank effluent pumping (STEP) lines and 48 pump stations.

The city's existing service area includes most of incorporated Lacey. Although this means that sewer service is generally available to all homes and businesses within the city limits, it is important to note that a large number of households, and some businesses, are currently utilizing on-site septic systems to treat and dispose of their wastewater. It is anticipated that many of these household and businesses will eventually connect to the city system.

The city's long-term sewer service area essentially corresponds to Lacey's Urban Growth Area (UGA). The city is required by the State Growth Management Act to provide sewer service to this area as development occurs.

Treatment and disposal of the collected sewage is provided by the Lacey-Olympia-Tumwater-Thurston County (LOTT) Wastewater Treatment Facility located in the City of Olympia adjacent to Budd Inlet. Wastewater generated in the Lacey sewer service area is transported via the Martin Way interceptor line to the Martin Way Satellite Treatment Facility on Martin Way or to the Budd Inlet plant for treatment.

The City of Lacey 2014 Comprehensive Wastewater Plan serves as the basis for this section of the Capital Facilities Plan by providing the following:

- 1) Evaluation of the existing wastewater collection system's condition and capacity, and identification of deficiencies and needed repairs;
- 2) Investigation of various sewer system alternatives, which would aid in meeting future sewer service area requirements;
- 3) Outline of operation, maintenance, and emergency response issues relating to Lacey's wastewater system; and
- 4) Establishes a schedule of system repairs, improvements, and expansion necessary to adequately serve the City's existing and long-term sewer service areas.

It is important to note that the purpose of this Capital Facilities Plan is to demonstrate how the City will implement Lacey's Comprehensive Wastewater Plan. Readers wishing more detailed explanations of methodologies and findings are encouraged to review the full City of Lacey 2014 Comprehensive Wastewater Plan, available on the City's website.

Sewer System Planning Goals and Objectives

Planning goals and objectives established by Lacey's Wastewater Plan are:

- 1) To plan, build, and maintain the infrastructure necessary to provide sanitary sewer service to all parts of Lacey's existing and future service areas;
- 2) To protect vital groundwater resources that serve as the area's primary source of drinking

water by collection, treatment, and disposal of the wasteflow away from aquifer recharge areas;

- 3) To successfully meet all current and future State and federal regulatory requirements.

Level-of-Service Analysis

The city's Comprehensive Wastewater Plan establishes level-of-service (LOS) criteria in regard to the collection system capacity. LOTT establishes the level of service with regard to treatment capacity and treatment levels.

Collection System Capacity

Collection system capacity refers to the ability of the wastewater collection system — city-owned sewer lines and pump stations — to accept all residential and commercial wastewater generated in Lacey's existing and future sewer service areas. The sewer plan establishes a level-of-service capacity of 85 gallons (including I&I) of wastewater per-capita-per-day, with a 2.22 peaking factor for peak hourly flows.

A study of wet weather and dry weather wastewater flows within the Lacey wastewater system indicated that I&I is well controlled throughout the collection system, with the exception of the Sleater Kinney basin. This area consists of the City's oldest sewer infrastructure, which is showing signs of degradation and higher than normal I&I due to its age.

To analyze the capacity of the existing wastewater collection system and determine its ability to handle future flows at the LOS standard, a hydraulic analysis of the system was performed. The analysis projected wastewater flows resulting from current and anticipated population densities in the existing and future sewer service areas, and identified elements in the existing system that would require upgrading to avoid overloading the capacity of the system in the future. Sewer

system "enhancement" projects listed in this CFP section are the result of the analysis.

Also determined were sizing specifications for the sewer lines and pump stations that will be constructed in the future service area as the system expands to serve development requirements. Sewer system "expansion" projects listed in this CFP section reflect these findings.

Together, the system enhancement and expansion projects listed in this capital facilities plan will assure a continuous level of capacity in the city's wastewater collection system that is consistent with the established level-of-service standard throughout the 20-year planning period.

Treatment Plant Capacity

The LOTT Alliance provides treatment for the combined 3-city Urban Growth Areas of Lacey, Tumwater and Olympia. LOTT operates the Budd Inlet Treatment Plant (BITP) located in Olympia and the Martin Way Reclaimed Water Plant located in Lacey.

Roughly 75% of Lacey's wastewater flow passes through the Martin Way pump station which is then directed to either the Budd Inlet Treatment Plant (BITP) or the Martin Way Reclaimed Water Plant. The Martin Way Reclaimed Water Plant has a current capacity of 2.0 million gallons per day. Wastewater at this plant is treated to Class A Reclaimed Water Standards and is made available to partner jurisdictions for non-potable uses.

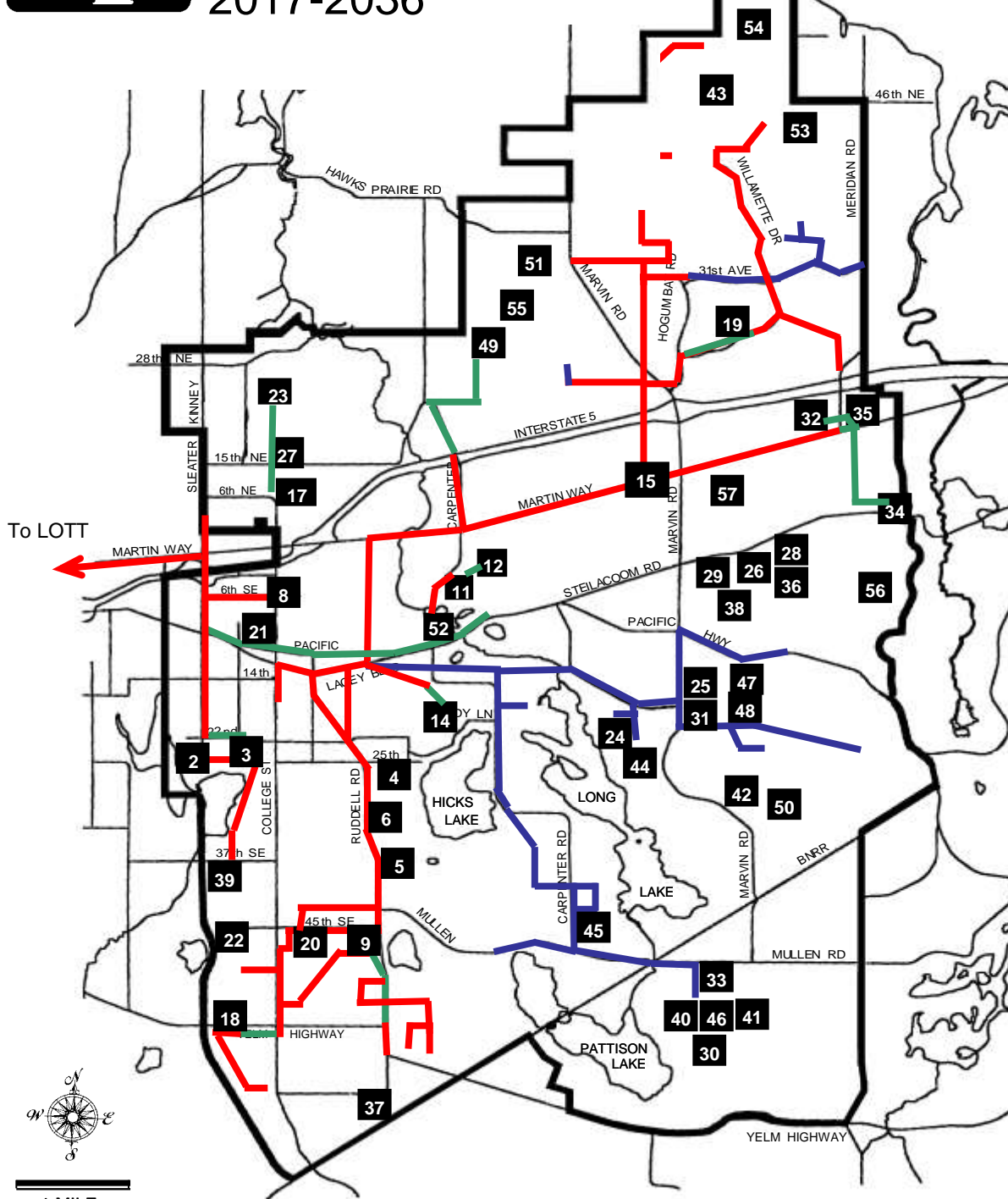
Six Year Financing Plan

The 6-year financing plan is shown in the Wastewater Project Summary Sheet.



CITY OF LACEY
CAPITAL FACILITIES PLAN
2017-2036

PUGET
SOUND



**Primary Wastewater
System Inventory**

Gravity Mains
Force Mains
S.T.E.P. Lines



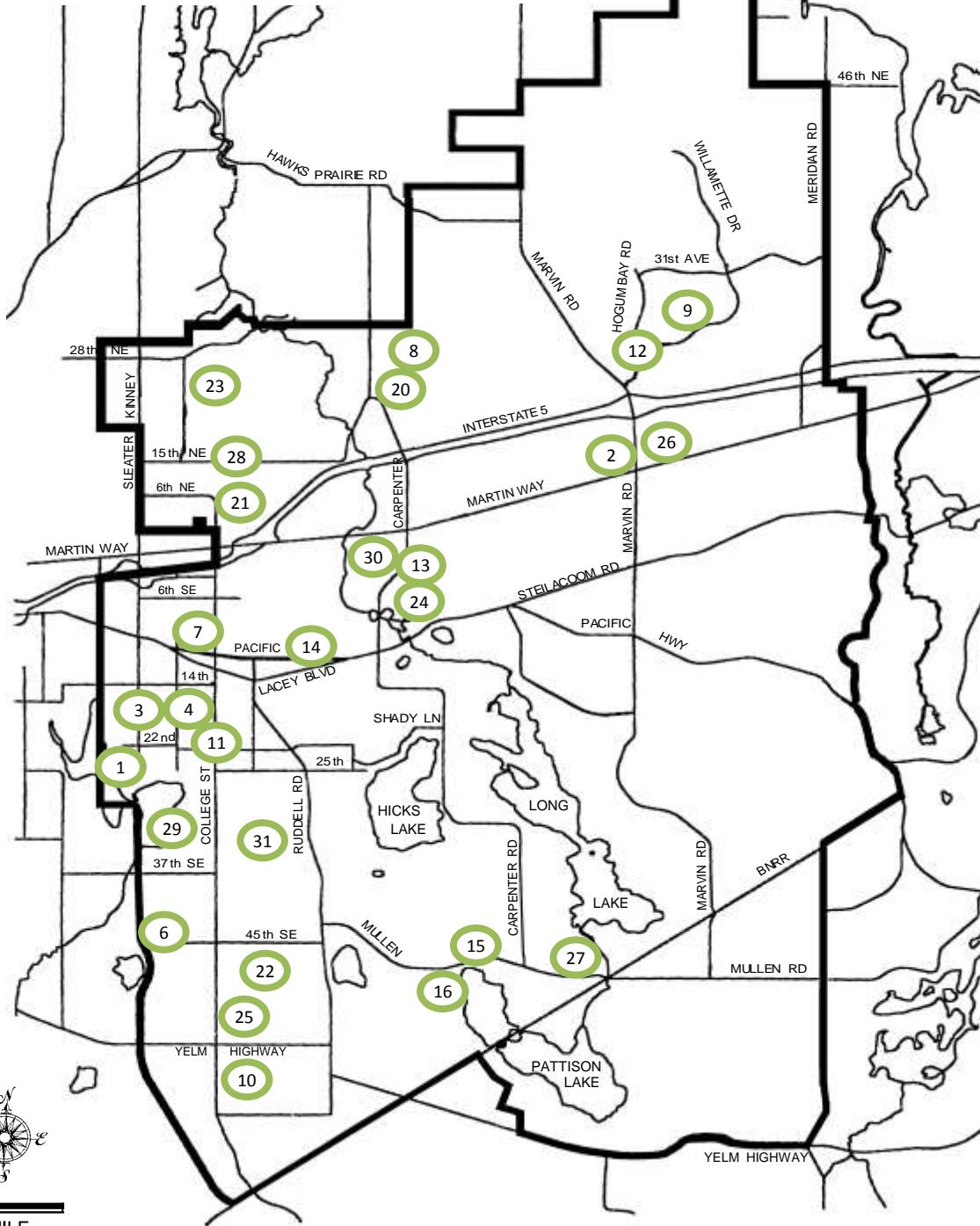
Pump Stations
Lacey UGA





CITY OF LACEY
CAPITAL FACILITIES PLAN
2019-2038

PUGET
SOUND



1 MILE

**Wastewater
Projects**

Project
Numbers



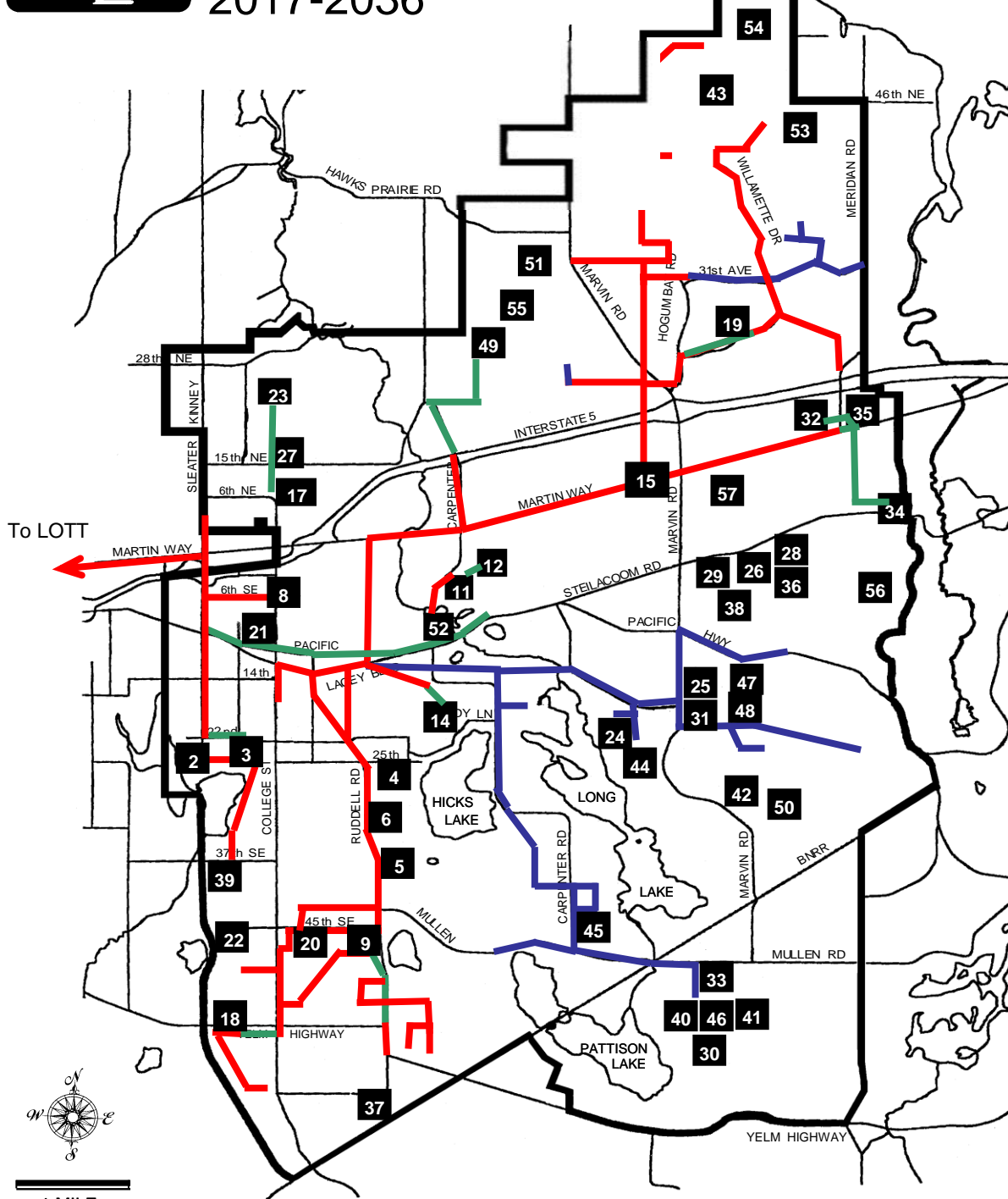
Lacey UGA





CITY OF LACEY
CAPITAL FACILITIES PLAN
2017-2036

PUGET
SOUND



1 MILE

**Primary Wastewater
System Inventory**

Gravity Mains
Force Mains
S.T.E.P. Lines



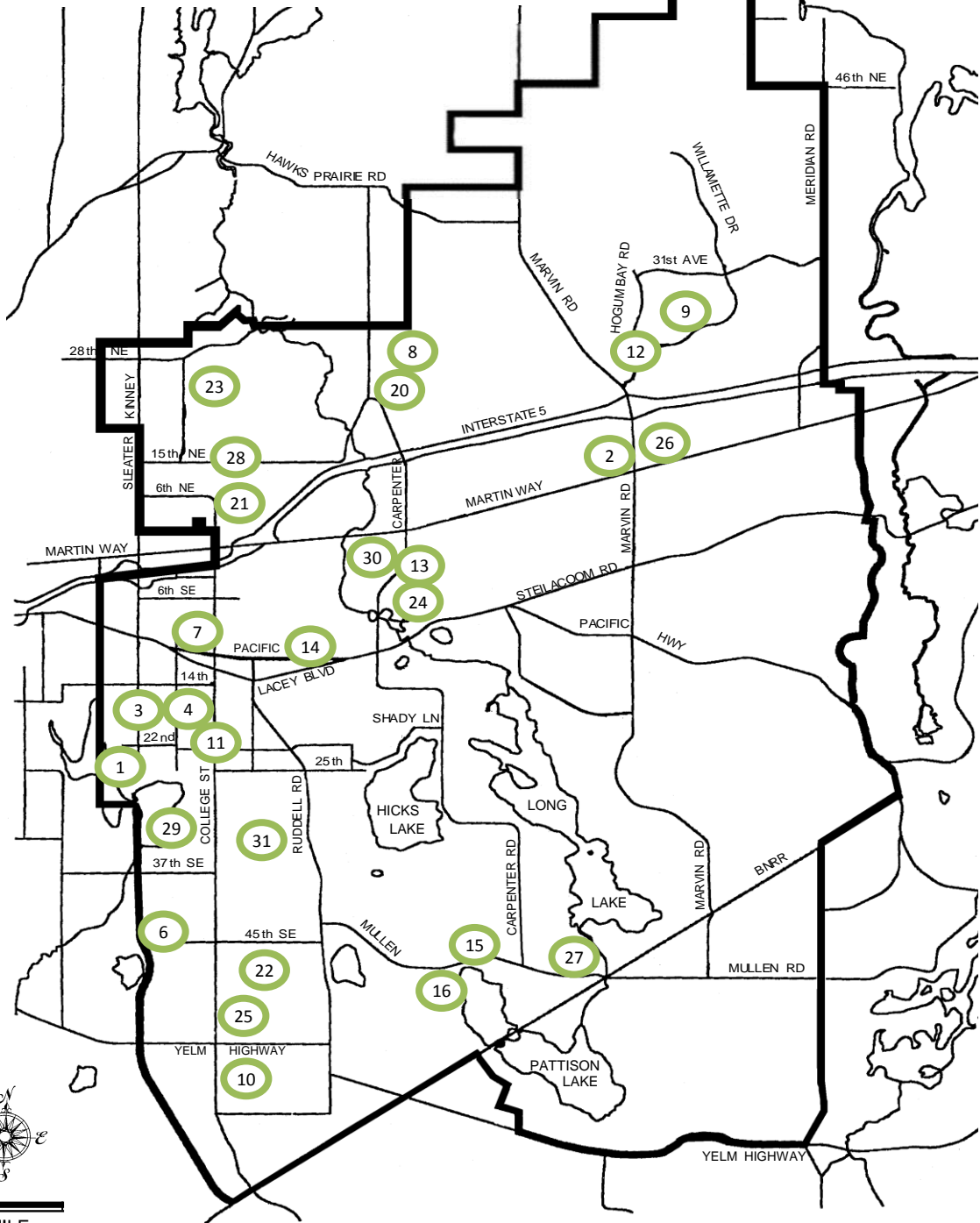
Pump Stations
Lacey UGA





CITY OF LACEY
CAPITAL FACILITIES PLAN
2019-2038

PUGET
SOUND



**Wastewater
Projects**

Project Numbers  Lacey UGA 

**CITY OF LACEY 2019-2038 CAPITAL FACILITIES PLAN
WASTEWATER PROJECTS SUMMARY SHEET**

| | | Prior Years | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 6-Year Total | % | Future Years |
|---------------------------------|-----------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|----------------|-------------------|-------------|--------------|
| FUNDING SOURCES | | | | | | | | | | | |
| General Revenue | | | | | | | | | | | |
| Voted G.O. Bonds | | | | | | | | | | | |
| Non-Voted G.O. Bonds | | | | | | | | | | | |
| Revenue Bonds | | | | | | | | | | | |
| Utility Rates / Fees | | | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 900,000 | 3% | |
| GFC Revenue (see note) | | 2,722,500 | 7,442,500 | 8,502,500 | 7,190,000 | 5,300,000 | 3,750,000 | 500,000 | 32,685,000 | 97% | |
| LID / ULID | | | | | | | | | | | |
| Arterial Street Fund | | | | | | | | | | | |
| PWTF Loan | | | | | | | | | | | |
| Interfund Loan | | | | | | | | | | | |
| Grants | | | | | | | | | | | |
| SEPA / LTA | | | | | | | | | | | |
| Developer Financing | | | | | | | | | | | |
| Other | | | | | | | | | | | |
| | TOTAL | <u>2,722,500</u> | <u>7,592,500</u> | <u>8,652,500</u> | <u>7,340,000</u> | <u>5,450,000</u> | <u>3,900,000</u> | <u>650,000</u> | <u>33,585,000</u> | <u>100%</u> | |
| EXPENDITURES BY CATEGORY | | | | | | | | | | | |
| Planning | | | 25,000 | 25,000 | 125,000 | 200,000 | 300,000 | | 675,000 | 2% | |
| Preliminary Design | | 58,000 | 125,000 | | 300,000 | | | | 425,000 | 1% | |
| Design & Engineering | | 629,500 | 702,000 | 625,000 | 325,000 | 525,000 | 125,000 | 75,000 | 2,377,000 | 7% | |
| Land / ROW Acquisition | | 148,000 | 75,000 | | 150,000 | | | | 225,000 | 1% | |
| Construction | | 1,887,000 | 6,665,500 | 8,002,500 | 6,440,000 | 4,725,000 | 3,475,000 | 575,000 | 29,883,000 | 89% | |
| Other | | | | | | | | | | | |
| | TOTAL | <u>2,722,500</u> | <u>7,592,500</u> | <u>8,652,500</u> | <u>7,340,000</u> | <u>5,450,000</u> | <u>3,900,000</u> | <u>650,000</u> | <u>33,585,000</u> | <u>100%</u> | |
| EXPENDITURES BY PROJECT | | | | | | | | | | | |
| WW- 1 | Lift Station 2 Replacement | 2,265,000 | 945,000 | | | | | | 945,000 | 3% | |
| WW- 2 | Lift Station 15 Rehabilitation | 105,000 | 800,000 | 800,000 | | | | | 1,600,000 | 5% | |
| WW- 3 | Sleater Kinney Slipline | 19,500 | 770,000 | | | | | | 770,000 | 2% | |
| WW- 4 | Golf Club Wastewater Improvements | 34,000 | 1,000,000 | 1,200,000 | | | | | 2,200,000 | 7% | |
| WW- 5 | On-site Lift Station Genrators | 173,000 | 912,500 | 912,500 | | | | | 1,825,000 | 5% | |
| WW- 6 | Lift Station 22 Rehabilitation | 50,000 | 520,000 | | | | | | 520,000 | 2% | |
| WW- 7 | Lift Station 21 Rehabilitation | 18,000 | 635,000 | 635,000 | 315,000 | | | | 1,585,000 | 5% | |
| WW- 8 | Lift Station 49 CC Control | 22,000 | 165,000 | 165,000 | | | | | 330,000 | 1% | |
| WW- 9 | Lift Station 19 Replacement | 16,000 | 200,000 | 700,000 | 1,000,000 | | | | 1,900,000 | 6% | |
| WW- 10 | Capitol City Sewer | 20,000 | 235,000 | 2,600,000 | 2,600,000 | 2,650,000 | | | 8,085,000 | 24% | |
| WW- 11 | College & 22nd Slipline | | | 150,000 | | | | | 150,000 | 0% | |
| WW- 12 | Hogum Bay Rd Improvements | | 150,000 | | | | | | 150,000 | 0% | |
| WW- 13 | Lift Station 12 Abandonment | | 100,000 | 250,000 | 1,650,000 | | | | 2,000,000 | 6% | |
| WW- 14 | Train Depot Sewer | | 75,000 | | | | | | 75,000 | 0% | |
| WW- 15 | Mullen Rd STEP | | 368,000 | 552,000 | | | | | 920,000 | 3% | |
| WW- 16 | Rumac STEP Main | | 242,000 | 363,000 | | | | | 605,000 | 2% | |
| WW- 17 | Annual Sewer Line Replacement | | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 900,000 | 3% | |
| WW- 18 | Septic Conversion Study | | 25,000 | 25,000 | 25,000 | | | | 75,000 | 0% | |
| WW- 19 | Wastewater Comprehensive Plan | | | | 100,000 | 200,000 | 300,000 | | 600,000 | 2% | |
| WW- 20 | Lift Station 49 Land Purchase | | | | 150,000 | | | | 150,000 | 0% | |
| WW- 21 | Lift Station 17 Replacement | | | | | 200,000 | 1,800,000 | | 2,000,000 | 6% | |
| WW- 22 | Lift Station 20 Abandonment | | 300,000 | | | | | | 300,000 | 1% | |
| WW- 23 | Lift Station 23 Rehabilitation | | | 150,000 | 850,000 | 1,000,000 | | | 2,000,000 | 6% | |
| WW- 24 | Lift Station 11 Abandonment | | | | | 100,000 | 800,000 | | 900,000 | 3% | |
| WW- 25 | Little Prairie Capacity Study | | | | 150,000 | | | | 150,000 | 0% | |
| WW- 26 | Martin Way Capacity Study | | | | 150,000 | | | | 150,000 | 0% | |
| WW- 27 | Mullen Rd East STEP | | | | 100,000 | 500,000 | | | 600,000 | 2% | |
| WW- 28 | Lift Station 27 Abandonment | | | | 100,000 | 500,000 | | | 600,000 | 2% | |
| WW- 29 | Lakeview Dr Sewer Upsize | | | | | | 50,000 | 300,000 | 350,000 | 1% | |
| WW- 30 | Sewer Decant Facility | | | | | 100,000 | 400,000 | | 500,000 | 1% | |
| WW- 31 | 34th Ave Gravity Replacement | | | | | 50,000 | 200,000 | | 250,000 | 1% | |
| WW- 32 | Wet-well Rehabilitation | | | | | | 200,000 | 200,000 | 400,000 | 1% | |
| | TOTAL | <u>2,722,500</u> | <u>7,592,500</u> | <u>8,652,500</u> | <u>7,340,000</u> | <u>5,450,000</u> | <u>3,900,000</u> | <u>650,000</u> | <u>33,585,000</u> | <u>100%</u> | |

Note: GFC Revenue line includes funds available in the capital account plus annual GFC revenue.

Planning Period: 2019-2038
 Project Title: Lift Station 2 Replacement
 Location: Westlake Dr SE

File Number: sew001.xls
 UGA Planning Area: Central
 Sewer Plan Project: 13

CFP Project: WW- 1
 Department: Public Works

Project Description: Pump station, Force main, and Gravity sewer line replacement along Westlake Dr SE.

Project Justification: Existing infrastructure is at the end of its useful life and suffers from high I&I. Improve reliability and ease of maintenance.

Policy Basis: 2014 Comprehensive Wastewater Plan

Current Project Status: Construction

Land Status: City ROW

PROJECT FUNDING SOURCES AND EXPENDITURES

| | <u>Prior Years</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024</u> | <u>6-Year Total</u> | <u>%</u> | <u>Future Years</u> |
|---------------------------|--------------------|----------------|-------------|-------------|-------------|-------------|-------------|---------------------|-------------|---------------------|
| FUNDING | | | | | | | | | | |
| General Revenue | | | | | | | | | | |
| Voted G.O. Bonds | | | | | | | | | | |
| Non-Voted G.O. Bonds | | | | | | | | | | |
| Revenue Bonds | | | | | | | | | | |
| Utility Rates / Fees | | | | | | | | | | |
| GFC Revenue | 2,265,000 | 945,000 | | | | | | 945,000 | 100% | |
| LID / ULID | | | | | | | | | | |
| Arterial Street Fund | | | | | | | | | | |
| PWTF Loan | | | | | | | | | | |
| Interfund Loan | | | | | | | | | | |
| Grants | | | | | | | | | | |
| SEPA / LTA | | | | | | | | | | |
| Developer Financing | | | | | | | | | | |
| Other | | | | | | | | | | |
| TOTAL FUNDING | <u>2,265,000</u> | <u>945,000</u> | | | | | | <u>945,000</u> | <u>100%</u> | |
| EXPENDITURES | | | | | | | | | | |
| Planning | | | | | | | | | | |
| Preliminary Design | | | | | | | | | | |
| Design & Engineering | 230,000 | | | | | | | | | |
| Land / ROW Acquisition | 148,000 | | | | | | | | | |
| Construction | 1,887,000 | 945,000 | | | | | | 945,000 | 100% | |
| Other | | | | | | | | | | |
| TOTAL EXPENDITURES | <u>2,265,000</u> | <u>945,000</u> | | | | | | <u>945,000</u> | <u>100%</u> | |

Notes:

Planning Period: 2019-2038
 Project Title: Lift Station 15 Rehabilitation
 Location: Galaxy Dr

File Number: sew002.xls
 UGA Planning Area: Tanglewilde
 Sewer Plan Project: 9 & 23

CFP Project: WW- 2
 Department: Public Works

Project Description: Rehabilitation of sewer pump station 15.

Project Justification: Existing mechanical and control equipment has reached the end of its useful life. Add on-site generator and flow meter equipment. Improve operation and maintenance access.

Policy Basis: 2014 Comprehensive Wastewater Plan

Current Project Status: Design

Land Status: Easement

PROJECT FUNDING SOURCES AND EXPENDITURES

| | <u>Prior Years</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024</u> | <u>6-Year Total</u> | <u>%</u> | <u>Future Years</u> |
|---------------------------|--------------------|----------------|----------------|-------------|-------------|-------------|-------------|---------------------|-------------|---------------------|
| FUNDING | | | | | | | | | | |
| General Revenue | | | | | | | | | | |
| Voted G.O. Bonds | | | | | | | | | | |
| Non-Voted G.O. Bonds | | | | | | | | | | |
| Revenue Bonds | | | | | | | | | | |
| Utility Rates / Fees | | | | | | | | | | |
| GFC Revenue | 105,000 | 800,000 | 800,000 | | | | | 1,600,000 | 100% | |
| LID / ULID | | | | | | | | | | |
| Arterial Street Fund | | | | | | | | | | |
| PWTF Loan | | | | | | | | | | |
| Interfund Loan | | | | | | | | | | |
| Grants | | | | | | | | | | |
| SEPA / LTA | | | | | | | | | | |
| Developer Financing | | | | | | | | | | |
| Other | | | | | | | | | | |
| TOTAL FUNDING | <u>105,000</u> | <u>800,000</u> | <u>800,000</u> | | | | | <u>1,600,000</u> | <u>100%</u> | |
| EXPENDITURES | | | | | | | | | | |
| Planning | | | | | | | | | | |
| Preliminary Design | | | | | | | | | | |
| Design & Engineering | 105,000 | | | | | | | | | |
| Land / ROW Acquisition | | | | | | | | | | |
| Construction | | 800,000 | 800,000 | | | | | 1,600,000 | 100% | |
| Other | | | | | | | | | | |
| TOTAL EXPENDITURES | <u>105,000</u> | <u>800,000</u> | <u>800,000</u> | | | | | <u>1,600,000</u> | <u>100%</u> | |

Notes:

Planning Period: 2019-2038
 Project Title: Sleater Kinney Slipline
 Location: Sleater Kinney Rd

File Number: sew003.xls
 UGA Planning Area: Central
 Sewer Plan Project: 22

CFP Project: WW- 3
 Department: Public Works

Project Description: Rehabilitate the existing sewer line in Sleater Kinney Rd from 21st Ave to 14th Ave.

Project Justification: The existing concrete pipe is showing signs of deterioration and erosion.

Policy Basis: 2014 Comprehensive Wastewater Plan

Current Project Status: Complete

Land Status: City ROW

PROJECT FUNDING SOURCES AND EXPENDITURES

| | <u>Prior Years</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024</u> | <u>6-Year Total</u> | <u>%</u> | <u>Future Years</u> |
|---------------------------|--------------------|----------------|-------------|-------------|-------------|-------------|-------------|---------------------|-------------|---------------------|
| FUNDING | | | | | | | | | | |
| General Revenue | | | | | | | | | | |
| Voted G.O. Bonds | | | | | | | | | | |
| Non-Voted G.O. Bonds | | | | | | | | | | |
| Revenue Bonds | | | | | | | | | | |
| Utility Rates / Fees | | | | | | | | | | |
| GFC Revenue | 19,500 | 770,000 | | | | | | 770,000 | 100% | |
| LID / ULID | | | | | | | | | | |
| Arterial Street Fund | | | | | | | | | | |
| PWTF Loan | | | | | | | | | | |
| Interfund Loan | | | | | | | | | | |
| Grants | | | | | | | | | | |
| SEPA / LTA | | | | | | | | | | |
| Developer Financing | | | | | | | | | | |
| Other | | | | | | | | | | |
| TOTAL FUNDING | <u>19,500</u> | <u>770,000</u> | | | | | | <u>770,000</u> | <u>100%</u> | |
| EXPENDITURES | | | | | | | | | | |
| Planning | | | | | | | | | | |
| Preliminary Design | | | | | | | | | | |
| Design & Engineering | 19,500 | | | | | | | | | |
| Land / ROW Acquisition | | | | | | | | | | |
| Construction | | 770,000 | | | | | | 770,000 | 100% | |
| Other | | | | | | | | | | |
| TOTAL EXPENDITURES | <u>19,500</u> | <u>770,000</u> | | | | | | <u>770,000</u> | <u>100%</u> | |

Notes:

Planning Period: 2019-2038
 Project Title: Golf Club Wastewater Improvements
 Location: Golf Club Rd

File Number: sew004.xls
 UGA Planning Area: Central
 Sewer Plan Project: 22 & 106

CFP Project: WW- 4
 Department: Public Works

Project Description: This project will re-route a significant portion of sewer flows in Sleater Kinney to Golf Club Rd.

Project Justification: The existing sewer line in Sleater Kinney Rd is nearing capacity and needs to be upsized or have a portion of the flow diverted.

Policy Basis: 2014 Comprehensive Plan

Current Project Status: Design

Land Status: City ROW

PROJECT FUNDING SOURCES AND EXPENDITURES

| | <u>Prior Years</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024</u> | <u>6-Year Total</u> | <u>%</u> | <u>Future Years</u> |
|---------------------------|--------------------|------------------|------------------|-------------|-------------|-------------|-------------|---------------------|-------------|---------------------|
| FUNDING | | | | | | | | | | |
| General Revenue | | | | | | | | | | |
| Voted G.O. Bonds | | | | | | | | | | |
| Non-Voted G.O. Bonds | | | | | | | | | | |
| Revenue Bonds | | | | | | | | | | |
| Utility Rates / Fees | | | | | | | | | | |
| GFC Revenue | 34,000 | 1,000,000 | 1,200,000 | | | | | 2,200,000 | 100% | |
| LID / ULID | | | | | | | | | | |
| Arterial Street Fund | | | | | | | | | | |
| PWTF Loan | | | | | | | | | | |
| Interfund Loan | | | | | | | | | | |
| Grants | | | | | | | | | | |
| SEPA / LTA | | | | | | | | | | |
| Developer Financing | | | | | | | | | | |
| Other | | | | | | | | | | |
| TOTAL FUNDING | <u>34,000</u> | <u>1,000,000</u> | <u>1,200,000</u> | <u>0</u> | <u>0</u> | <u>0</u> | <u>0</u> | <u>2,200,000</u> | <u>100%</u> | |
| EXPENDITURES | | | | | | | | | | |
| Planning | | | | | | | | | | |
| Preliminary Design | | | | | | | | | | |
| Design & Engineering | 34,000 | 100,000 | | | | | | 100,000 | 5% | |
| Land / ROW Acquisition | | | | | | | | | | |
| Construction | | 900,000 | 1,200,000 | | | | | 2,100,000 | 95% | |
| Other | | | | | | | | | | |
| TOTAL EXPENDITURES | <u>34,000</u> | <u>1,000,000</u> | <u>1,200,000</u> | | | | | <u>2,200,000</u> | <u>100%</u> | |

Notes:

Planning Period: 2019-2038
 Project Title: On-site Lift Station Generators
 Location: Multiple

File Number: sew005.xls
 UGA Planning Area: All
 Sewer Plan Project: 19

CFP Project: WW- 5
 Department: Public Works

Project Description: Add on-site backup generators to sewer pump stations that don't already have them.

Project Justification: Improve operations reliability during power outages.

Policy Basis: 2014 Comprehensive Wastewater Plan

Current Project Status: Design

Land Status: Public ROW

PROJECT FUNDING SOURCES AND EXPENDITURES

| | <u>Prior Years</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024</u> | <u>6-Year Total</u> | <u>%</u> | <u>Future Years</u> |
|---------------------------|--------------------|----------------|----------------|-------------|-------------|-------------|-------------|---------------------|-------------|---------------------|
| FUNDING | | | | | | | | | | |
| General Revenue | | | | | | | | | | |
| Voted G.O. Bonds | | | | | | | | | | |
| Non-Voted G.O. Bonds | | | | | | | | | | |
| Revenue Bonds | | | | | | | | | | |
| Utility Rates / Fees | | | | | | | | | | |
| GFC Revenue | 173,000 | 912,500 | 912,500 | | | | | 1,825,000 | 100% | |
| LID / ULID | | | | | | | | | | |
| Arterial Street Fund | | | | | | | | | | |
| PWTF Loan | | | | | | | | | | |
| Interfund Loan | | | | | | | | | | |
| Grants | | | | | | | | | | |
| SEPA / LTA | | | | | | | | | | |
| Developer Financing | | | | | | | | | | |
| Other ¹ | | | | | | | | | | |
| TOTAL FUNDING | <u>173,000</u> | <u>912,500</u> | <u>912,500</u> | | | | | <u>1,825,000</u> | <u>100%</u> | |
| EXPENDITURES | | | | | | | | | | |
| Planning | | | | | | | | | | |
| Preliminary Design | | | | | | | | | | |
| Design & Engineering | 173,000 | | | | | | | | | |
| Land / ROW Acquisition | | | | | | | | | | |
| Construction | | 912,500 | 912,500 | | | | | 1,825,000 | 100% | |
| Other | | | | | | | | | | |
| TOTAL EXPENDITURES | <u>173,000</u> | <u>912,500</u> | <u>912,500</u> | | | | | <u>1,825,000</u> | <u>100%</u> | |

Notes:

Planning Period: 2019-2038
 Project Title: Lift Station 22 Rehabilitation
 Location: 45th Ave

File Number: sew006.xls
 UGA Planning Area: Horizons
 Sewer Plan Project: 19

CFP Project: WW- 6
 Department: Public Works

Project Description: Add on-site generator along with other site and control improvements to sewer pump station 22.

Project Justification: Improve station reliability and ease of maintenance.

Policy Basis: 2014 Comprehensive Wastewater Plan

Current Project Status: Construction

Land Status: Easement

PROJECT FUNDING SOURCES AND EXPENDITURES

11-9

| | <u>Prior Years</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024</u> | <u>6-Year Total</u> | <u>%</u> | <u>Future Years</u> |
|---------------------------|--------------------|----------------|-------------|-------------|-------------|-------------|-------------|---------------------|-------------|---------------------|
| FUNDING | | | | | | | | | | |
| General Revenue | | | | | | | | | | |
| Voted G.O. Bonds | | | | | | | | | | |
| Non-Voted G.O. Bonds | | | | | | | | | | |
| Revenue Bonds | | | | | | | | | | |
| Utility Rates / Fees | | | | | | | | | | |
| GFC Revenue | 50,000 | 520,000 | | | | | | 520,000 | 100% | |
| LID / ULID | | | | | | | | | | |
| Arterial Street Fund | | | | | | | | | | |
| PWTF Loan | | | | | | | | | | |
| Interfund Loan | | | | | | | | | | |
| Grants | | | | | | | | | | |
| SEPA / LTA | | | | | | | | | | |
| Developer Financing | | | | | | | | | | |
| Other ¹ | | | | | | | | | | |
| TOTAL FUNDING | <u>50,000</u> | <u>520,000</u> | | | | | | <u>520,000</u> | <u>100%</u> | |
| EXPENDITURES | | | | | | | | | | |
| Planning | | | | | | | | | | |
| Preliminary Design | | | | | | | | | | |
| Design & Engineering | 50,000 | | | | | | | | | |
| Land / ROW Acquisition | | | | | | | | | | |
| Construction | | 520,000 | | | | | | 520,000 | 100% | |
| Other | | | | | | | | | | |
| TOTAL EXPENDITURES | <u>50,000</u> | <u>520,000</u> | | | | | | <u>520,000</u> | <u>100%</u> | |

Notes:

Planning Period: 2019-2038
 Project Title: Lift Station 21 Rehabilitation
 Location: Pacific Ave

File Number: sew007.xls
 UGA Planning Area: Central
 Sewer Plan Project: 24

CFP Project: WW- 7
 Department: Public Works

Project Description: Upgrade existing pumps, mechanical, electrical, and add an on-site generator.

Project Justification: The existing pumps and controls have reached the end of their useful life. Improve ease of maintenance and reliability.

Policy Basis: 2014 Comprehensive Wastewater Plan

Current Project Status: Design

Land Status: City ROW

PROJECT FUNDING SOURCES AND EXPENDITURES

| | <u>Prior Years</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024</u> | <u>6-Year Total</u> | <u>%</u> | <u>Future Years</u> |
|---------------------------|--------------------|----------------|----------------|----------------|-------------|-------------|-------------|---------------------|-------------|---------------------|
| FUNDING | | | | | | | | | | |
| General Revenue | | | | | | | | | | |
| Voted G.O. Bonds | | | | | | | | | | |
| Non-Voted G.O. Bonds | | | | | | | | | | |
| Revenue Bonds | | | | | | | | | | |
| Utility Rates / Fees | | | | | | | | | | |
| GFC Revenue | 18,000 | 635,000 | 635,000 | 315,000 | | | | 1,585,000 | 100% | |
| LID / ULID | | | | | | | | | | |
| Arterial Street Fund | | | | | | | | | | |
| PWTF Loan | | | | | | | | | | |
| Interfund Loan | | | | | | | | | | |
| Grants | | | | | | | | | | |
| SEPA / LTA | | | | | | | | | | |
| Developer Financing | | | | | | | | | | |
| Other ¹ | | | | | | | | | | |
| TOTAL FUNDING | <u>18,000</u> | <u>635,000</u> | <u>635,000</u> | <u>315,000</u> | | | | <u>1,585,000</u> | <u>100%</u> | |
| EXPENDITURES | | | | | | | | | | |
| Planning | | | | | | | | | | |
| Preliminary Design | | | | | | | | | | |
| Design & Engineering | 18,000 | 100,000 | 100,000 | | | | | 200,000 | 13% | |
| Land / ROW Acquisition | | | | | | | | | | |
| Construction | | 535,000 | 535,000 | 315,000 | | | | 1,385,000 | 87% | |
| Other | | | | | | | | | | |
| TOTAL EXPENDITURES | <u>18,000</u> | <u>635,000</u> | <u>635,000</u> | <u>315,000</u> | | | | <u>1,585,000</u> | <u>100%</u> | |

Notes:

Planning Period: 2019-2038
 Project Title: Lift Station 49 CC Control
 Location: Britton Parkway

File Number: sew008.xls
 UGA Planning Area: Hawks Prairie
 Sewer Plan Project: N/A

CFP Project: WW- 8
 Department: Public Works

Project Description: Isolate the facility's water system with a day-tank and booster pump skid to comply with cross connection regulations.

Project Justification: Cross connection control regulations.

Policy Basis: 2014 Comprehensive Wastewater Plan

Current Project Status: Planning

Land Status: City ROW

PROJECT FUNDING SOURCES AND EXPENDITURES

6-13

| | <u>Prior Years</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024</u> | <u>6-Year Total</u> | <u>%</u> | <u>Future Years</u> |
|---------------------------|--------------------|----------------|----------------|-------------|-------------|-------------|-------------|---------------------|-------------|---------------------|
| FUNDING | | | | | | | | | | |
| General Revenue | | | | | | | | | | |
| Voted G.O. Bonds | | | | | | | | | | |
| Non-Voted G.O. Bonds | | | | | | | | | | |
| Revenue Bonds | | | | | | | | | | |
| Utility Rates / Fees | | | | | | | | | | |
| GFC Revenue | 22,000 | 165,000 | 165,000 | | | | | 330,000 | 100% | |
| LID / ULID | | | | | | | | | | |
| Arterial Street Fund | | | | | | | | | | |
| PWTF Loan | | | | | | | | | | |
| Interfund Loan | | | | | | | | | | |
| Grants | | | | | | | | | | |
| SEPA / LTA | | | | | | | | | | |
| Developer Financing | | | | | | | | | | |
| Other ¹ | | | | | | | | | | |
| TOTAL FUNDING | <u>22,000</u> | <u>165,000</u> | <u>165,000</u> | | | | | <u>330,000</u> | <u>100%</u> | |
| EXPENDITURES | | | | | | | | | | |
| Planning | | | | | | | | | | |
| Preliminary Design | 22,000 | | | | | | | | | |
| Design & Engineering | | 50,000 | | | | | | 50,000 | 15% | |
| Land / ROW Acquisition | | | | | | | | | | |
| Construction | | 115,000 | 165,000 | | | | | 280,000 | 85% | |
| Other | | | | | | | | | | |
| TOTAL EXPENDITURES | <u>22,000</u> | <u>165,000</u> | <u>165,000</u> | | | | | <u>330,000</u> | <u>100%</u> | |

Planning Period: 2019-2038
 Project Title: Lift Station 19 Replacement
 Location: Willamete Dr

File Number: sew009.xls
 UGA Planning Area: Hawks Prairie
 Sewer Plan Project: 24

CFP Project: WW- 9
 Department: Public Works

Project Description: This project will replace sewer pump station 19 with a new facility.

Project Justification: The existing pump station is at capacity, has poor maintenance access, and the existing pumps, controls, and electrical equipment is near the end of it's useful life.

Policy Basis: 2014 Comprehensive Wastewater Plan

Current Project Status: Planning

Land Status: Easement

PROJECT FUNDING SOURCES AND EXPENDITURES

| | Prior Years | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 6-Year Total | % | Future Years |
|---------------------------|---------------|----------------|----------------|------------------|----------|----------|----------|------------------|-------------|--------------|
| FUNDING | 0 | | | | | | | | | |
| General Revenue | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0 |
| Voted G.O. Bonds | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0 |
| Non-Voted G.O. Bonds | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0 |
| Revenue Bonds | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0 |
| Utility Rates / Fees | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0 |
| GFC Revenue | 16,000 | 200,000 | 700,000 | 1,000,000 | 0 | 0 | 0 | 1,900,000 | 100% | 0 |
| LID / ULID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0 |
| Arterial Street Fund | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0 |
| PWTF Loan | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0 |
| Interfund Loan | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0 |
| Grants | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0 |
| SEPA / LTA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0 |
| Developer Financing | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0 |
| Other ¹ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0 |
| TOTAL FUNDING | <u>16,000</u> | <u>200,000</u> | <u>700,000</u> | <u>1,000,000</u> | <u>0</u> | <u>0</u> | <u>0</u> | <u>1,900,000</u> | <u>100%</u> | <u>0</u> |
| EXPENDITURES | | | | | | | | | | 0 |
| Planning | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0 |
| Preliminary Design | 16,000 | 25,000 | 0 | 0 | 0 | 0 | 0 | 25,000 | 1% | 0 |
| Design & Engineering | 0 | 150,000 | 0 | 0 | 0 | 0 | 0 | 150,000 | 8% | 0 |
| Land / ROW Acquisition | 0 | 25,000 | 0 | 0 | 0 | 0 | 0 | 25,000 | 1% | 0 |
| Construction | 0 | 0 | 700,000 | 1,000,000 | 0 | 0 | 0 | 1,700,000 | 89% | 0 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0 |
| TOTAL EXPENDITURES | <u>16,000</u> | <u>200,000</u> | <u>700,000</u> | <u>1,000,000</u> | <u>0</u> | <u>0</u> | <u>0</u> | <u>1,900,000</u> | <u>100%</u> | <u>0</u> |

6-14

Planning Period: 2019-2038
 Project Title: Capitol City Sewer
 Location: Capitol City Estates

File Number: sew010.xls
 UGA Planning Area: Horizons
 Sewer Plan Project: N/A

CFP Project: WW- 10
 Department: Public Works

Project Description: Install sewer mains throughout Capitol City Estates and initiate a septic to sewer conversion program.

Project Justification: This area has been targeted for septic to sewer conversion to protect the shallow drinking water aquifer.

Policy Basis: 2014 Comprehensive Wastewater Plan

Current Project Status: Planning

Land Status: Easement

PROJECT FUNDING SOURCES AND EXPENDITURES

| | <u>Prior Years</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024</u> | <u>6-Year Total</u> | <u>%</u> | <u>Future Years</u> |
|---------------------------|--------------------|----------------|------------------|------------------|------------------|-------------|-------------|---------------------|-------------|---------------------|
| FUNDING | | | | | | | | | | |
| General Revenue | | | | | | | | | | |
| Voted G.O. Bonds | | | | | | | | | | |
| Non-Voted G.O. Bonds | | | | | | | | | | |
| Revenue Bonds | | | | | | | | | | |
| Utility Rates / Fees | | | | | | | | | | |
| GFC Revenue | 20,000 | 235,000 | 2,600,000 | 2,600,000 | 2,650,000 | | | 8,085,000 | 100% | |
| LID / ULID | | | | | | | | | | |
| Arterial Street Fund | | | | | | | | | | |
| PWTF Loan | | | | | | | | | | |
| Interfund Loan | | | | | | | | | | |
| Grants | | | | | | | | | | |
| SEPA / LTA | | | | | | | | | | |
| Developer Financing | | | | | | | | | | |
| Other ¹ | | | | | | | | | | |
| TOTAL FUNDING | <u>20,000</u> | <u>235,000</u> | <u>2,600,000</u> | <u>2,600,000</u> | <u>2,650,000</u> | | | <u>8,085,000</u> | <u>100%</u> | |
| EXPENDITURES | | | | | | | | | | |
| Planning | | | | | | | | | | |
| Preliminary Design | 20,000 | 50,000 | | | | | | 50,000 | 1% | |
| Design & Engineering | | 185,000 | 100,000 | 100,000 | 50,000 | | | 435,000 | 5% | |
| Land / ROW Acquisition | | | | | | | | | | |
| Construction | | | 2,500,000 | 2,500,000 | 2,600,000 | | | 7,600,000 | 94% | |
| Other | | | | | | | | | | |
| TOTAL EXPENDITURES | <u>20,000</u> | <u>235,000</u> | <u>2,600,000</u> | <u>2,600,000</u> | <u>2,650,000</u> | | | <u>8,085,000</u> | <u>100%</u> | |

Notes:

Planning Period: 2019-2038
 Project Title: College & 22nd Slipline
 Location: College St

File Number: sew011.xls
 UGA Planning Area: Central
 Sewer Plan Project: 16

CFP Project: WW- 11
 Department: Public Works

Project Description: Rehabilitate a section of sewer line along College St that shows signs of deterioration and root intrusion.

Project Justification: This work is being done to prevent disruption of the new roadway.

Policy Basis: 2014 Comprehensive Wastewater Plan

Current Project Status: Construction

Land Status: Public ROW

PROJECT FUNDING SOURCES AND EXPENDITURES

6-16

| | <u>Prior Years</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024</u> | <u>6-Year Total</u> | <u>%</u> | <u>Future Years</u> |
|---------------------------|--------------------|-------------|----------------|-------------|-------------|-------------|-------------|---------------------|-------------|---------------------|
| FUNDING | | | | | | | | | | |
| General Revenue | | | | | | | | | | |
| Voted G.O. Bonds | | | | | | | | | | |
| Non-Voted G.O. Bonds | | | | | | | | | | |
| Revenue Bonds | | | | | | | | | | |
| Utility Rates / Fees | | | | | | | | | | |
| GFC Revenue | | | 150,000 | | | | | 150,000 | 100% | |
| LID / ULID | | | | | | | | | | |
| Arterial Street Fund | | | | | | | | | | |
| PWTF Loan | | | | | | | | | | |
| Interfund Loan | | | | | | | | | | |
| Grants | | | | | | | | | | |
| SEPA / LTA | | | | | | | | | | |
| Developer Financing | | | | | | | | | | |
| Other ¹ | | | | | | | | | | |
| TOTAL FUNDING | | | 150,000 | | | | | 150,000 | 100% | |
| EXPENDITURES | | | | | | | | | | |
| Planning | | | | | | | | | | |
| Preliminary Design | | | | | | | | | | |
| Design & Engineering | | | | | | | | | | |
| Land / ROW Acquisition | | | | | | | | | | |
| Construction | | | 150,000 | | | | | 150,000 | 100% | |
| Other | | | | | | | | | | |
| TOTAL EXPENDITURES | | | 150,000 | | | | | 150,000 | 100% | |

Notes:

Planning Period: 2019-2038
 Project Title: Hogum Bay Rd Improvements
 Location: Hogum Bay Rd

File Number: sew012.xls
 UGA Planning Area: Hawks Prairie
 Sewer Plan Project: N/A

CFP Project: WW- 12
 Department: Public Works

Project Description: Relocate some sections of existing sewer line that are in conflict with the road construction project.

Project Justification: This work is being done to accomodate the Hogum Bay Rd reconstruction project.

Policy Basis: Best Management Practices

Current Project Status: Complete

Land Status: Public ROW

PROJECT FUNDING SOURCES AND EXPENDITURES

6-17

| | <u>Prior Years</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024</u> | <u>6-Year Total</u> | <u>%</u> | <u>Future Years</u> |
|---------------------------|--------------------|----------------|-------------|-------------|-------------|-------------|-------------|---------------------|-------------|---------------------|
| FUNDING | | | | | | | | | | |
| General Revenue | | | | | | | | | | |
| Voted G.O. Bonds | | | | | | | | | | |
| Non-Voted G.O. Bonds | | | | | | | | | | |
| Revenue Bonds | | | | | | | | | | |
| Utility Rates / Fees | | | | | | | | | | |
| GFC Revenue | | 150,000 | | | | | | 150,000 | 100% | |
| LID / ULID | | | | | | | | | | |
| Arterial Street Fund | | | | | | | | | | |
| PWTF Loan | | | | | | | | | | |
| Interfund Loan | | | | | | | | | | |
| Grants | | | | | | | | | | |
| SEPA / LTA | | | | | | | | | | |
| Developer Financing | | | | | | | | | | |
| Other ¹ | | | | | | | | | | |
| TOTAL FUNDING | | 150,000 | | | | | | 150,000 | 100% | |
| EXPENDITURES | | | | | | | | | | |
| Planning | | | | | | | | | | |
| Preliminary Design | | | | | | | | | | |
| Design & Engineering | | | | | | | | | | |
| Land / ROW Acquisition | | | | | | | | | | |
| Construction | | 150,000 | | | | | | 150,000 | 100% | |
| Other | | | | | | | | | | |
| TOTAL EXPENDITURES | | 150,000 | | | | | | 150,000 | 100% | |

Notes:

Planning Period: 2019-2038
 Project Title: Lift Station 12 Abandonment
 Location: 5th Ct

File Number: sew013.xls
 UGA Planning Area: Tanglewilde
 Sewer Plan Project: 21

CFP Project: WW- 13
 Department: Public Works

Project Description: Install new gravity sewer line to bypass and abandon sewer pump station 12.

Project Justification: Sewer pump station 12 is at the end of it's useful life and rather than replacing the station, bypassing and abandoning will greatly reduce future maintenance and electrical costs.

Policy Basis: 2014 Comprehensive Wastewater Plan

Current Project Status: Planning

Land Status: Easement

PROJECT FUNDING SOURCES AND EXPENDITURES

| | <u>Prior Years</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024</u> | <u>6-Year Total</u> | <u>%</u> | <u>Future Years</u> |
|---------------------------|--------------------|----------------|----------------|------------------|-------------|-------------|-------------|---------------------|-------------|---------------------|
| FUNDING | | | | | | | | | | |
| General Revenue | | | | | | | | | | |
| Voted G.O. Bonds | | | | | | | | | | |
| Non-Voted G.O. Bonds | | | | | | | | | | |
| Revenue Bonds | | | | | | | | | | |
| Utility Rates / Fees | | | | | | | | | | |
| GFC Revenue | | 100,000 | 250,000 | 1,650,000 | | | | 2,000,000 | 100% | |
| LID / ULID | | | | | | | | | | |
| Arterial Street Fund | | | | | | | | | | |
| PWTF Loan | | | | | | | | | | |
| Interfund Loan | | | | | | | | | | |
| Grants | | | | | | | | | | |
| SEPA / LTA | | | | | | | | | | |
| Developer Financing | | | | | | | | | | |
| Other ¹ | | | | | | | | | | |
| TOTAL FUNDING | | <u>100,000</u> | <u>250,000</u> | <u>1,650,000</u> | | | | <u>2,000,000</u> | <u>100%</u> | |
| EXPENDITURES | | | | | | | | | | |
| Planning | | | | | | | | | | |
| Preliminary Design | | 50,000 | | | | | | 50,000 | 3% | |
| Design & Engineering | | | 250,000 | | | | | 250,000 | 13% | |
| Land / ROW Acquisition | | 50,000 | | | | | | 50,000 | 3% | |
| Construction | | | | 1,650,000 | | | | 1,650,000 | 83% | |
| Other | | | | | | | | | | |
| TOTAL EXPENDITURES | | <u>100,000</u> | <u>250,000</u> | <u>1,650,000</u> | | | | <u>2,000,000</u> | <u>100%</u> | |

Notes:

Planning Period: 2019-2038
 Project Title: Train Depot Sewer
 Location: Lebanon St

File Number: sew014.xls
 UGA Planning Area: Central
 Sewer Plan Project: N/A

CFP Project: WW- 14
 Department: Public Works

Project Description: Installation of STEP main in Rumac St to re-route flow from Lakepointe to Mullen Road.

Project Justification: This project will eliminate / consolidate odor to control facilities..

Policy Basis: 2014 Comprehensive Wastewater Plan

Current Project Status: Construction

Land Status: City ROW

PROJECT FUNDING SOURCES AND EXPENDITURES

6-19

| | <u>Prior Years</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024</u> | <u>6-Year Total</u> | <u>%</u> | <u>Future Years</u> |
|---------------------------|--------------------|---------------|-------------|-------------|-------------|-------------|-------------|---------------------|-------------|---------------------|
| FUNDING | | | | | | | | | | |
| General Revenue | | | | | | | | | | |
| Voted G.O. Bonds | | | | | | | | | | |
| Non-Voted G.O. Bonds | | | | | | | | | | |
| Revenue Bonds | | | | | | | | | | |
| Utility Rates / Fees | | | | | | | | | | |
| GFC Revenue | | 75,000 | | | | | | 75,000 | 100% | |
| LID / ULID | | | | | | | | | | |
| Arterial Street Fund | | | | | | | | | | |
| PWTF Loan | | | | | | | | | | |
| Interfund Loan | | | | | | | | | | |
| Grants | | | | | | | | | | |
| SEPA / LTA | | | | | | | | | | |
| Developer Financing | | | | | | | | | | |
| Other ¹ | | | | | | | | | | |
| TOTAL FUNDING | | 75,000 | | | | | | 75,000 | 100% | |
| EXPENDITURES | | | | | | | | | | |
| Planning | | | | | | | | | | |
| Preliminary Design | | | | | | | | | | |
| Design & Engineering | | | | | | | | | | |
| Land / ROW Acquisition | | | | | | | | | | |
| Construction | | 75,000 | | | | | | 75,000 | 100% | |
| Other | | | | | | | | | | |
| TOTAL EXPENDITURES | | 75,000 | | | | | | 75,000 | 100% | |

Notes:

Planning Period: 2019-2038
 Project Title: Mullen Rd STEP
 Location: Mullen Rd

File Number: sew015.xls
 UGA Planning Area: Lakes
 Sewer Plan Project: 15

CFP Project: WW- 15
 Department: Public Works

Project Description: This project will install STEP sewer mains in a portion of Mullen Rd where they do not currently exist and relocate existing lines where they are in conflict with the County's road project. Lines will also be upsized at this time to allow for additional capacity to support growth.

Project Justification: Increase system capacity, divert flow away from Carpenter Rd to preserve it's capacity, and to coordinate with the County's project.

Policy Basis: 2014 Comprehensive Wastewater Plan

Current Project Status: Design

Land Status: County ROW

PROJECT FUNDING SOURCES AND EXPENDITURES

6-20

| | <u>Prior Years</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024</u> | <u>6-Year Total</u> | <u>%</u> | <u>Future Years</u> |
|---------------------------|--------------------|----------------|----------------|-------------|-------------|-------------|-------------|---------------------|-------------|---------------------|
| FUNDING | | | | | | | | | | |
| General Revenue | | | | | | | | | | |
| Voted G.O. Bonds | | | | | | | | | | |
| Non-Voted G.O. Bonds | | | | | | | | | | |
| Revenue Bonds | | | | | | | | | | |
| Utility Rates / Fees | | | | | | | | | | |
| GFC Revenue | | 368,000 | 552,000 | | | | | 920,000 | 100% | |
| LID / ULID | | | | | | | | | | |
| Arterial Street Fund | | | | | | | | | | |
| PWTF Loan | | | | | | | | | | |
| Interfund Loan | | | | | | | | | | |
| Grants | | | | | | | | | | |
| SEPA / LTA | | | | | | | | | | |
| Developer Financing | | | | | | | | | | |
| Other ¹ | | | | | | | | | | |
| TOTAL FUNDING | | <u>368,000</u> | <u>552,000</u> | | | | | <u>920,000</u> | <u>100%</u> | |
| EXPENDITURES | | | | | | | | | | |
| Planning | | | | | | | | | | |
| Preliminary Design | | | | | | | | | | |
| Design & Engineering | | | | | | | | | | |
| Land / ROW Acquisition | | | | | | | | | | |
| Construction | | 368,000 | 552,000 | | | | | 920,000 | 100% | |
| Other | | | | | | | | | | |
| TOTAL EXPENDITURES | | <u>368,000</u> | <u>552,000</u> | | | | | <u>920,000</u> | <u>100%</u> | |

Planning Period: 2019-2038
 Project Title: Rumac STEP Main
 Location: Rumac St

File Number: sew016.xls
 UGA Planning Area: Lakes
 Sewer Plan Project: 14

CFP Project: WW- 16
 Department: Public Works

Project Description: Install a STEP sewer main in Rumac St where one does not currently exist.

Project Justification: This project will allow STEP effluent to be diverted away from it's current outfall location to reduce numerous odor complaints and to preserve capacity at sewer pump station 9.

Policy Basis: 2014 Comprehensive Wastewater Plan

Current Project Status: Design

Land Status: County ROW

PROJECT FUNDING SOURCES AND EXPENDITURES

6-21

| | <u>Prior Years</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024</u> | <u>6-Year Total</u> | <u>%</u> | <u>Future Years</u> |
|---------------------------|--------------------|----------------|----------------|-------------|-------------|-------------|-------------|---------------------|-------------|---------------------|
| FUNDING | | | | | | | | | | |
| General Revenue | | | | | | | | | | |
| Voted G.O. Bonds | | | | | | | | | | |
| Non-Voted G.O. Bonds | | | | | | | | | | |
| Revenue Bonds | | | | | | | | | | |
| Utility Rates / Fees | | | | | | | | | | |
| GFC Revenue | | 242,000 | 363,000 | | | | | 605,000 | 100% | |
| LID / ULID | | | | | | | | | | |
| Arterial Street Fund | | | | | | | | | | |
| PWTF Loan | | | | | | | | | | |
| Interfund Loan | | | | | | | | | | |
| Grants | | | | | | | | | | |
| SEPA / LTA | | | | | | | | | | |
| Developer Financing | | | | | | | | | | |
| Other ¹ | | | | | | | | | | |
| TOTAL FUNDING | | <u>242,000</u> | <u>363,000</u> | | | | | <u>605,000</u> | <u>100%</u> | |
| EXPENDITURES | | | | | | | | | | |
| Planning | | | | | | | | | | |
| Preliminary Design | | | | | | | | | | |
| Design & Engineering | | 42,000 | | | | | | 42,000 | 7% | |
| Land / ROW Acquisition | | | | | | | | | | |
| Construction | | 200,000 | 363,000 | | | | | 563,000 | 93% | |
| Other | | | | | | | | | | |
| TOTAL EXPENDITURES | | <u>242,000</u> | <u>363,000</u> | | | | | <u>605,000</u> | <u>100%</u> | |

Notes:

Planning Period: 2019-2038
 Project Title: Annual Sewer Line Replacement
 Location: Various Locations

File Number: sew017.xls
 UGA Planning Area: Various
 Sewer Plan Project: 17

CFP Project: WW- 17
 Department: Public Works

Project Description: Recurring budget allocation to rehabilitate or replace deteriorating sewer lines and manholes as they are discovered.

Project Justification: Preservation of infrastructure prior to failure.

Policy Basis: 2014 Comprehensive Wastewater Plan

Current Project Status: Planning

Land Status: Various

PROJECT FUNDING SOURCES AND EXPENDITURES

6-22

| FUNDING | <u>Prior Years</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024</u> | <u>6-Year Total</u> | <u>%</u> | <u>Future Years</u> |
|---------------------------|--------------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------------|-------------|---------------------|
| General Revenue | | | | | | | | | | |
| Voted G.O. Bonds | | | | | | | | | | |
| Non-Voted G.O. Bonds | | | | | | | | | | |
| Revenue Bonds | | | | | | | | | | |
| Utility Rates / Fees | | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 900,000 | 100% | |
| GFC Revenue | | | | | | | | | | |
| LID / ULID | | | | | | | | | | |
| Arterial Street Fund | | | | | | | | | | |
| PWTF Loan | | | | | | | | | | |
| Interfund Loan | | | | | | | | | | |
| Grants | | | | | | | | | | |
| SEPA / LTA | | | | | | | | | | |
| Developer Financing | | | | | | | | | | |
| Other ¹ | | | | | | | | | | |
| TOTAL FUNDING | | <u>150,000</u> | <u>150,000</u> | <u>150,000</u> | <u>150,000</u> | <u>150,000</u> | <u>150,000</u> | <u>900,000</u> | <u>100%</u> | |
| EXPENDITURES | | | | | | | | | | |
| Planning | | | | | | | | | | |
| Preliminary Design | | | | | | | | | | |
| Design & Engineering | | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 150,000 | 17% | |
| Land / ROW Acquisition | | | | | | | | | | |
| Construction | | 125,000 | 125,000 | 125,000 | 125,000 | 125,000 | 125,000 | 750,000 | 83% | |
| Other | | | | | | | | | | |
| TOTAL EXPENDITURES | | <u>150,000</u> | <u>150,000</u> | <u>150,000</u> | <u>150,000</u> | <u>150,000</u> | <u>150,000</u> | <u>900,000</u> | <u>100%</u> | |

Notes:

Planning Period: 2019-2038
 Project Title: Septic Conversion Study
 Location: Various

File Number: sew018.xls
 UGA Planning Area: Various
 Sewer Plan Project: N/A

CFP Project: WW- 18
 Department: Public Works

Project Description: Study to develop a septic to sewer conversion program.

Project Justification: Environmental and resource protection.

Policy Basis: 2014 Comprehensive Wastewater Plan

Current Project Status: Planning

Land Status: Various

PROJECT FUNDING SOURCES AND EXPENDITURES

| | <u>Prior Years</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024</u> | <u>6-Year Total</u> | <u>%</u> | <u>Future Years</u> |
|---------------------------|--------------------|---------------|---------------|---------------|-------------|-------------|-------------|---------------------|-------------|---------------------|
| FUNDING | | | | | | | | | | |
| General Revenue | | | | | | | | | | |
| Voted G.O. Bonds | | | | | | | | | | |
| Non-Voted G.O. Bonds | | | | | | | | | | |
| Revenue Bonds | | | | | | | | | | |
| Utility Rates / Fees | | | | | | | | | | |
| GFC Revenue | | 25,000 | 25,000 | 25,000 | | | | 75,000 | 100% | |
| LID / ULID | | | | | | | | | | |
| Arterial Street Fund | | | | | | | | | | |
| PWTF Loan | | | | | | | | | | |
| Interfund Loan | | | | | | | | | | |
| Grants | | | | | | | | | | |
| SEPA / LTA | | | | | | | | | | |
| Developer Financing | | | | | | | | | | |
| Other ¹ | | | | | | | | | | |
| TOTAL FUNDING | | <u>25,000</u> | <u>25,000</u> | <u>25,000</u> | | | | <u>75,000</u> | <u>100%</u> | |
| EXPENDITURES | | | | | | | | | | |
| Planning | | 25,000 | 25,000 | 25,000 | | | | 75,000 | 100% | |
| Preliminary Design | | | | | | | | | | |
| Design & Engineering | | | | | | | | | | |
| Land / ROW Acquisition | | | | | | | | | | |
| Construction | | | | | | | | | | |
| Other | | | | | | | | | | |
| TOTAL EXPENDITURES | | <u>25,000</u> | <u>25,000</u> | <u>25,000</u> | | | | <u>75,000</u> | <u>100%</u> | |

Notes:

Planning Period: 2019-2038
 Project Title: Wastewater Comprehensive Plan
 Location: Various

File Number: sew019.xls
 UGA Planning Area: Various
 Sewer Plan Project: 1

CFP Project: WW- 19
 Department: Public Works

Project Description: Develop and update the Wastewater Comprehensive plan.

Project Justification: State department of Ecology requirement.

Policy Basis: Best Management Practices

Current Project Status: Planning

Land Status: Various

PROJECT FUNDING SOURCES AND EXPENDITURES

| | <u>Prior Years</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024</u> | <u>6-Year Total</u> | <u>%</u> | <u>Future Years</u> |
|---------------------------|--------------------|-------------|-------------|----------------|----------------|----------------|-------------|---------------------|-------------|---------------------|
| FUNDING | | | | | | | | | | |
| General Revenue | | | | | | | | | | |
| Voted G.O. Bonds | | | | | | | | | | |
| Non-Voted G.O. Bonds | | | | | | | | | | |
| Revenue Bonds | | | | | | | | | | |
| Utility Rates / Fees | | | | | | | | | | |
| GFC Revenue | | | | 100,000 | 200,000 | 300,000 | | 600,000 | 100% | |
| LID / ULID | | | | | | | | | | |
| Arterial Street Fund | | | | | | | | | | |
| PWTF Loan | | | | | | | | | | |
| Interfund Loan | | | | | | | | | | |
| Grants | | | | | | | | | | |
| SEPA / LTA | | | | | | | | | | |
| Developer Financing | | | | | | | | | | |
| Other ¹ | | | | | | | | | | |
| TOTAL FUNDING | | | | <u>100,000</u> | <u>200,000</u> | <u>300,000</u> | | <u>600,000</u> | <u>100%</u> | |
| EXPENDITURES | | | | | | | | | | |
| Planning | | | | 100,000 | 200,000 | 300,000 | | 600,000 | 100% | |
| Preliminary Design | | | | | | | | | | |
| Design & Engineering | | | | | | | | | | |
| Land / ROW Acquisition | | | | | | | | | | |
| Construction | | | | | | | | | | |
| Other | | | | | | | | | | |
| TOTAL EXPENDITURES | | | | <u>100,000</u> | <u>200,000</u> | <u>300,000</u> | | <u>600,000</u> | <u>100%</u> | |

Notes: Project funding and expenditure amounts shown in the future years column are preliminary estimates for planning purposes.

Planning Period: 2019-2038
 Project Title: Lift Station 49 Land Purchase
 Location: Shady Glen Ct

File Number: sew020.xls
 UGA Planning Area: Hawks Prairie
 Sewer Plan Project: 20

CFP Project: WW- 20
 Department: Public Works

Project Description: Purchase of land adjacent to sewer pump station 49.

Project Justification: Provide additional room for maintenance and buffer area for future residential lots.

Policy Basis: 2014 Comprehensive Wastewater Plan

Current Project Status: Planning

Land Status: Acquisition

PROJECT FUNDING SOURCES AND EXPENDITURES

6-25

| | <u>Prior Years</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024</u> | <u>6-Year Total</u> | <u>%</u> | <u>Future Years</u> |
|---------------------------|--------------------|-------------|-------------|----------------|-------------|-------------|-------------|---------------------|-------------|---------------------|
| FUNDING | | | | | | | | | | |
| General Revenue | | | | | | | | | | |
| Voted G.O. Bonds | | | | | | | | | | |
| Non-Voted G.O. Bonds | | | | | | | | | | |
| Revenue Bonds | | | | | | | | | | |
| Utility Rates / Fees | | | | | | | | | | |
| GFC Revenue | | | | 150,000 | | | | 150,000 | 100% | |
| LID / ULID | | | | | | | | | | |
| Arterial Street Fund | | | | | | | | | | |
| PWTF Loan | | | | | | | | | | |
| Interfund Loan | | | | | | | | | | |
| Grants | | | | | | | | | | |
| SEPA / LTA | | | | | | | | | | |
| Developer Financing | | | | | | | | | | |
| Other ¹ | | | | | | | | | | |
| TOTAL FUNDING | | | | <u>150,000</u> | | | | <u>150,000</u> | <u>100%</u> | |
| EXPENDITURES | | | | | | | | | | |
| Planning | | | | | | | | | | |
| Preliminary Design | | | | | | | | | | |
| Design & Engineering | | | | | | | | | | |
| Land / ROW Acquisition | | | | 150,000 | | | | 150,000 | 100% | |
| Construction | | | | | | | | | | |
| Other | | | | | | | | | | |
| TOTAL EXPENDITURES | | | | <u>150,000</u> | | | | <u>150,000</u> | <u>100%</u> | |

Notes:

Planning Period: 2019-2038
 Project Title: Lift Station 17 Replacement
 Location: St Placid Priory

File Number: sew021.xls
 UGA Planning Area: Pleasant Glad
 Sewer Plan Project: 23

CFP Project: WW- 21
 Department: Public Works

Project Description: Replace existing sewer pump station 17.

Project Justification: Existing pumps, mechanical, electrical, and control equipment are nearing the end of thier useful life. Poor maintenance access.

Policy Basis: 2014 Comprehensive Wastewater Plan

Current Project Status: Planning

Land Status: Easement

PROJECT FUNDING SOURCES AND EXPENDITURES

| | <u>Prior Years</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024</u> | <u>6-Year Total</u> | <u>%</u> | <u>Future Years</u> |
|---------------------------|--------------------|-------------|-------------|-------------|----------------|------------------|-------------|---------------------|-------------|---------------------|
| FUNDING | | | | | | | | | | |
| General Revenue | | | | | | | | | | |
| Voted G.O. Bonds | | | | | | | | | | |
| Non-Voted G.O. Bonds | | | | | | | | | | |
| Revenue Bonds | | | | | | | | | | |
| Utility Rates / Fees | | | | | | | | | | |
| GFC Revenue | | | | | 200,000 | 1,800,000 | | 2,000,000 | 100% | |
| LID / ULID | | | | | | | | | | |
| Arterial Street Fund | | | | | | | | | | |
| PWTF Loan | | | | | | | | | | |
| Interfund Loan | | | | | | | | | | |
| Grants | | | | | | | | | | |
| SEPA / LTA | | | | | | | | | | |
| Developer Financing | | | | | | | | | | |
| Other ¹ | | | | | | | | | | |
| TOTAL FUNDING | | | | | <u>200,000</u> | <u>1,800,000</u> | | <u>2,000,000</u> | <u>100%</u> | |
| EXPENDITURES | | | | | | | | | | |
| Planning | | | | | | | | | | |
| Preliminary Design | | | | | | | | | | |
| Design & Engineering | | | | | 200,000 | | | 200,000 | 10% | |
| Land / ROW Acquisition | | | | | | | | | | |
| Construction | | | | | | 1,800,000 | | 1,800,000 | 90% | |
| Other | | | | | | | | | | |
| TOTAL EXPENDITURES | | | | | <u>200,000</u> | <u>1,800,000</u> | | <u>2,000,000</u> | <u>100%</u> | |

Notes:

Planning Period: 2019-2038
 Project Title: Lift Station 20 Abandonment
 Location: 47th Ave

File Number: sew022.xls
 UGA Planning Area: Horizons
 Sewer Plan Project: 24

CFP Project: WW- 22
 Department: Public Works

Project Description: Install gravity sewer line to bypass and abandon lift station 20.

Project Justification: The existing pump station is near the end of it's useful life and bypassing the station via gravity will reduce future operation and maintenance costs.

Policy Basis: 2014 Comprehensive Wastewater Plan

Current Project Status: Design

Land Status: Public ROW

PROJECT FUNDING SOURCES AND EXPENDITURES

| | <u>Prior Years</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024</u> | <u>6-Year Total</u> | <u>%</u> | <u>Future Years</u> |
|---------------------------|--------------------|----------------|-------------|-------------|-------------|-------------|-------------|---------------------|-------------|---------------------|
| FUNDING | | | | | | | | | | |
| General Revenue | | | | | | | | | | |
| Voted G.O. Bonds | | | | | | | | | | |
| Non-Voted G.O. Bonds | | | | | | | | | | |
| Revenue Bonds | | | | | | | | | | |
| Utility Rates / Fees | | | | | | | | | | |
| GFC Revenue | | 300,000 | | | | | | 300,000 | 100% | |
| LID / ULID | | | | | | | | | | |
| Arterial Street Fund | | | | | | | | | | |
| PWTF Loan | | | | | | | | | | |
| Interfund Loan | | | | | | | | | | |
| Grants | | | | | | | | | | |
| SEPA / LTA | | | | | | | | | | |
| Developer Financing | | | | | | | | | | |
| Other ¹ | | | | | | | | | | |
| TOTAL FUNDING | | 300,000 | | | | | | 300,000 | 100% | |
| EXPENDITURES | | | | | | | | | | |
| Planning | | | | | | | | | | |
| Preliminary Design | | | | | | | | | | |
| Design & Engineering | | 50,000 | | | | | | 50,000 | 17% | |
| Land / ROW Acquisition | | | | | | | | | | |
| Construction | | 250,000 | | | | | | 250,000 | 83% | |
| Other | | | | | | | | | | |
| TOTAL EXPENDITURES | | 300,000 | | | | | | 300,000 | 100% | |

Notes:

Planning Period: 2019-2038
 Project Title: Lift Station 23 Rehabilitation
 Location: Pleasant Glade Elementary

File Number: sew023.xls
 UGA Planning Area: Pleasant Glade
 Sewer Plan Project: 108

CFP Project: WW- 23
 Department: Public Works

Project Description: Rehabilitate existing lift station 23 and upsize the existing force main to increase capacity.

Project Justification: The existing pump station is in need of control, generator, and general site upgrades. Additional capacity will be needed for projected growth.

Policy Basis: 2014 Comprehensive Wastewater Plan

Current Project Status: Planning

Land Status: Public ROW

PROJECT FUNDING SOURCES AND EXPENDITURES

6-28

| | <u>Prior Years</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024</u> | <u>6-Year Total</u> | <u>%</u> | <u>Future Years</u> |
|---------------------------|--------------------|-------------|----------------|----------------|------------------|-------------|-------------|---------------------|-------------|---------------------|
| FUNDING | | | | | | | | | | |
| General Revenue | | | | | | | | | | |
| Voted G.O. Bonds | | | | | | | | | | |
| Non-Voted G.O. Bonds | | | | | | | | | | |
| Revenue Bonds | | | | | | | | | | |
| Utility Rates / Fees | | | | | | | | | | |
| GFC Revenue | | | 150,000 | 850,000 | 1,000,000 | | | 2,000,000 | 100% | |
| LID / ULID | | | | | | | | | | |
| Arterial Street Fund | | | | | | | | | | |
| PWTF Loan | | | | | | | | | | |
| Interfund Loan | | | | | | | | | | |
| Grants | | | | | | | | | | |
| SEPA / LTA | | | | | | | | | | |
| Developer Financing | | | | | | | | | | |
| Other ¹ | | | | | | | | | | |
| TOTAL FUNDING | | | <u>150,000</u> | <u>850,000</u> | <u>1,000,000</u> | | | <u>2,000,000</u> | <u>100%</u> | |
| EXPENDITURES | | | | | | | | | | |
| Planning | | | | | | | | | | |
| Preliminary Design | | | | | | | | | | |
| Design & Engineering | | | 150,000 | | | | | 150,000 | 8% | |
| Land / ROW Acquisition | | | | | | | | | | |
| Construction | | | | 850,000 | 1,000,000 | | | 1,850,000 | 93% | |
| Other | | | | | | | | | | |
| TOTAL EXPENDITURES | | | <u>150,000</u> | <u>850,000</u> | <u>1,000,000</u> | | | <u>2,000,000</u> | <u>100%</u> | |

Notes:

Planning Period: 2019-2038
 Project Title: Lift Station 11 Abandonment
 Location: Glen Ct

File Number: sew024.xls
 UGA Planning Area: Tanglewilde
 Sewer Plan Project: 105

CFP Project: WW- 24
 Department: Public Works

Project Description: Replace the existing pump station with individual grinder pumps.

Project Justification: This pump station is need of electrical and mechanical upgrades. Replacing the station with individual grinder pumps will have a lower capital and ongoing operational costs than rehabilitating the existing station.

Policy Basis: 2014 Comprehensive Wastewater Plan

Current Project Status: Planning

Land Status: City ROW

PROJECT FUNDING SOURCES AND EXPENDITURES

| | <u>Prior Years</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024</u> | <u>6-Year Total</u> | <u>%</u> | <u>Future Years</u> |
|---------------------------|--------------------|-------------|-------------|-------------|----------------|----------------|-------------|---------------------|-------------|---------------------|
| FUNDING | | | | | | | | | | |
| General Revenue | | | | | | | | | | |
| Voted G.O. Bonds | | | | | | | | | | |
| Non-Voted G.O. Bonds | | | | | | | | | | |
| Revenue Bonds | | | | | | | | | | |
| Utility Rates / Fees | | | | | | | | | | |
| GFC Revenue | | | | | 100,000 | 800,000 | | 900,000 | 100% | |
| LID / ULID | | | | | | | | | | |
| Arterial Street Fund | | | | | | | | | | |
| PWTF Loan | | | | | | | | | | |
| Interfund Loan | | | | | | | | | | |
| Grants | | | | | | | | | | |
| SEPA / LTA | | | | | | | | | | |
| Developer Financing | | | | | | | | | | |
| Other ¹ | | | | | | | | | | |
| TOTAL FUNDING | | | | | <u>100,000</u> | <u>800,000</u> | | <u>900,000</u> | <u>100%</u> | |
| EXPENDITURES | | | | | | | | | | |
| Planning | | | | | | | | | | |
| Preliminary Design | | | | | | | | | | |
| Design & Engineering | | | | | 100,000 | | | 100,000 | 11% | |
| Land / ROW Acquisition | | | | | | | | | | |
| Construction | | | | | | 800,000 | | 800,000 | 89% | |
| Other | | | | | | | | | | |
| TOTAL EXPENDITURES | | | | | <u>100,000</u> | <u>800,000</u> | | <u>900,000</u> | <u>100%</u> | |

Notes:

Planning Period: 2019-2038
 Project Title: Little Prairie Capacity Study
 Location: Little Prairie

File Number: sew025.xls
 UGA Planning Area: Horizons
 Sewer Plan Project: N/A

CFP Project: WW- 25
 Department: Public Works

Project Description: Evaluate the capacity of the existing sewer lines in the Little Prairie area to determine if future improvements are needed.

Project Justification: Observations have suggested that the existing sewer system may be nearing capacity.

Policy Basis: 2014 Comprehensive Wastewater Plan

Current Project Status: Planning

Land Status: Various

PROJECT FUNDING SOURCES AND EXPENDITURES

| | <u>Prior Years</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024</u> | <u>6-Year Total</u> | <u>%</u> | <u>Future Years</u> |
|---------------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------------|----------|---------------------|
| FUNDING | | | | | | | | | | |
| General Revenue | | | | | | | | | | |
| Voted G.O. Bonds | | | | | | | | | | |
| Non-Voted G.O. Bonds | | | | | | | | | | |
| Revenue Bonds | | | | | | | | | | |
| Utility Rates / Fees | | | | | | | | | | |
| GFC Revenue | | | | 150,000 | | | | 150,000 | 100% | |
| LID / ULID | | | | | | | | | | |
| Arterial Street Fund | | | | | | | | | | |
| PWTF Loan | | | | | | | | | | |
| Interfund Loan | | | | | | | | | | |
| Grants | | | | | | | | | | |
| SEPA / LTA | | | | | | | | | | |
| Developer Financing | | | | | | | | | | |
| Other ¹ | | | | | | | | | | |
| TOTAL FUNDING | | | | 150,000 | | | | 150,000 | 100% | |
| EXPENDITURES | | | | | | | | | | |
| Planning | | | | | | | | | | |
| Preliminary Design | | | | 150,000 | | | | 150,000 | 100% | |
| Design & Engineering | | | | | | | | | | |
| Land / ROW Acquisition | | | | | | | | | | |
| Construction | | | | | | | | | | |
| Other | | | | | | | | | | |
| TOTAL EXPENDITURES | | | | 150,000 | | | | 150,000 | 100% | |

6-30

Planning Period: 2019-2038
 Project Title: Martin Way Capacity Study
 Location: Martin Way East of Galaxy Dr

File Number: sew026.xls
 UGA Planning Area: Various
 Sewer Plan Project: N/A

CFP Project: WW- 26
 Department: Public Works

Project Description: Evaluate the capacity of the existing sewer lines in the Hawks Prairie area to determine if future improvements are needed.

Project Justification: Observations have suggested that the existing sewer system may be nearing capacity.

Policy Basis: 2014 Comprehensive Wastewater Plan

Current Project Status: Planning

Land Status: City ROW

PROJECT FUNDING SOURCES AND EXPENDITURES

6-31

| | <u>Prior Years</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024</u> | <u>6-Year Total</u> | <u>%</u> | <u>Future Years</u> |
|---------------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------------|----------|---------------------|
| FUNDING | | | | | | | | | | |
| General Revenue | | | | | | | | | | |
| Voted G.O. Bonds | | | | | | | | | | |
| Non-Voted G.O. Bonds | | | | | | | | | | |
| Revenue Bonds | | | | | | | | | | |
| Utility Rates / Fees | | | | | | | | | | |
| GFC Revenue | | | | 150,000 | | | | 150,000 | 100% | |
| LID / ULID | | | | | | | | | | |
| Arterial Street Fund | | | | | | | | | | |
| PWTF Loan | | | | | | | | | | |
| Interfund Loan | | | | | | | | | | |
| Grants | | | | | | | | | | |
| SEPA / LTA | | | | | | | | | | |
| Developer Financing | | | | | | | | | | |
| Other ¹ | | | | | | | | | | |
| TOTAL FUNDING | | | | 150,000 | | | | 150,000 | 100% | |
| EXPENDITURES | | | | | | | | | | |
| Planning | | | | | | | | | | |
| Preliminary Design | | | | 150,000 | | | | 150,000 | 100% | |
| Design & Engineering | | | | | | | | | | |
| Land / ROW Acquisition | | | | | | | | | | |
| Construction | | | | | | | | | | |
| Other | | | | | | | | | | |
| TOTAL EXPENDITURES | | | | 150,000 | | | | 150,000 | 100% | |

Planning Period: 2019-2038
 Project Title: Mullen Rd East STEP
 Location: Mullen Rd

File Number: sew027.xls
 UGA Planning Area: Lakes
 Sewer Plan Project: 114

CFP Project: WW- 27
 Department: Public Works

Project Description: Upsize a portion of STEP main along Mullen Rd, east of Carpenter Rd.

Project Justification: High operating pressure has been observed in this area, causing premature wear and failure of some system components.

Policy Basis: 2014 Comprehensive Wastewater Plan

Current Project Status: Planning

Land Status: Public ROW

PROJECT FUNDING SOURCES AND EXPENDITURES

6-32

| | <u>Prior Years</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024</u> | <u>6-Year Total</u> | <u>%</u> | <u>Future Years</u> |
|---------------------------|--------------------|-------------|-------------|----------------|----------------|-------------|-------------|---------------------|-------------|---------------------|
| FUNDING | | | | | | | | | | |
| General Revenue | | | | | | | | | | |
| Voted G.O. Bonds | | | | | | | | | | |
| Non-Voted G.O. Bonds | | | | | | | | | | |
| Revenue Bonds | | | | | | | | | | |
| Utility Rates / Fees | | | | | | | | | | |
| GFC Revenue | | | | 100,000 | 500,000 | | | 600,000 | 100% | |
| LID / ULID | | | | | | | | | | |
| Arterial Street Fund | | | | | | | | | | |
| PWTF Loan | | | | | | | | | | |
| Interfund Loan | | | | | | | | | | |
| Grants | | | | | | | | | | |
| SEPA / LTA | | | | | | | | | | |
| Developer Financing | | | | | | | | | | |
| Other ¹ | | | | | | | | | | |
| TOTAL FUNDING | | | | <u>100,000</u> | <u>500,000</u> | | | <u>600,000</u> | <u>100%</u> | |
| EXPENDITURES | | | | | | | | | | |
| Planning | | | | | | | | | | |
| Preliminary Design | | | | | | | | | | |
| Design & Engineering | | | | 100,000 | | | | 100,000 | 17% | |
| Land / ROW Acquisition | | | | | | | | | | |
| Construction | | | | | 500,000 | | | 500,000 | 83% | |
| Other | | | | | | | | | | |
| TOTAL EXPENDITURES | | | | <u>100,000</u> | <u>500,000</u> | | | <u>600,000</u> | <u>100%</u> | |

Notes:

Planning Period: 2019-2038
 Project Title: Lift Station 27 Abandonment
 Location: 15th Ave

File Number: sew028.xls
 UGA Planning Area: Pleasant Glad
 Sewer Plan Project: 111

CFP Project: WW- 28
 Department: Public Works

Project Description: Install a portion of gravity sewer line to bypass and abandon lift station 27.

Project Justification: Wastewater flow entering lift station 27 can be redirected to lift station 23, allowing it to be abandoned. This will eliminate the the need for rehabilitation and will reduce future operating and maintenance costs.

Policy Basis: Best Management Practices

Current Project Status: Planning

Land Status: Public ROW

PROJECT FUNDING SOURCES AND EXPENDITURES

6-33

| | <u>Prior Years</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024</u> | <u>6-Year Total</u> | <u>%</u> | <u>Future Years</u> |
|---------------------------|--------------------|-------------|-------------|----------------|----------------|-------------|-------------|---------------------|-------------|---------------------|
| FUNDING | | | | | | | | | | |
| General Revenue | | | | | | | | | | |
| Voted G.O. Bonds | | | | | | | | | | |
| Non-Voted G.O. Bonds | | | | | | | | | | |
| Revenue Bonds | | | | | | | | | | |
| Utility Rates / Fees | | | | | | | | | | |
| GFC Revenue | | | | 100,000 | 500,000 | | | 600,000 | 100% | |
| LID / ULID | | | | | | | | | | |
| Arterial Street Fund | | | | | | | | | | |
| PWTF Loan | | | | | | | | | | |
| Interfund Loan | | | | | | | | | | |
| Grants | | | | | | | | | | |
| SEPA / LTA | | | | | | | | | | |
| Developer Financing | | | | | | | | | | |
| Other ¹ | | | | | | | | | | |
| TOTAL FUNDING | | | | <u>100,000</u> | <u>500,000</u> | | | <u>600,000</u> | <u>100%</u> | |
| EXPENDITURES | | | | | | | | | | |
| Planning | | | | | | | | | | |
| Preliminary Design | | | | | | | | | | |
| Design & Engineering | | | | 100,000 | | | | 100,000 | 17% | |
| Land / ROW Acquisition | | | | | | | | | | |
| Construction | | | | | 500,000 | | | 500,000 | 83% | |
| Other | | | | | | | | | | |
| TOTAL EXPENDITURES | | | | <u>100,000</u> | <u>500,000</u> | | | <u>600,000</u> | <u>100%</u> | |

Notes:

Planning Period: 2019-2038
 Project Title: Lakeview Dr Sewer Upsize
 Location: Lakeview Dr

File Number: sew029.xls
 UGA Planning Area: Central
 Sewer Plan Project: 107

CFP Project: WW- 29
 Department: Public Works

Project Description: Upsize a section of gravity sewer line along Lakeview Dr that is approaching full capacity.

Project Justification: The existing line is approaching capacity, upsizing the line will allow for further growth and densification in the area.

Policy Basis: 2014 Comprehensive Wastewater Plan

Current Project Status: Planning

Land Status: Public ROW

PROJECT FUNDING SOURCES AND EXPENDITURES

6-34

| | <u>Prior Years</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024</u> | <u>6-Year Total</u> | <u>%</u> | <u>Future Years</u> |
|---------------------------|--------------------|-------------|-------------|-------------|-------------|---------------|----------------|---------------------|-------------|---------------------|
| FUNDING | | | | | | | | | | |
| General Revenue | | | | | | | | | | |
| Voted G.O. Bonds | | | | | | | | | | |
| Non-Voted G.O. Bonds | | | | | | | | | | |
| Revenue Bonds | | | | | | | | | | |
| Utility Rates / Fees | | | | | | | | | | |
| GFC Revenue | | | | | | 50,000 | 300,000 | 350,000 | 100% | |
| LID / ULID | | | | | | | | | | |
| Arterial Street Fund | | | | | | | | | | |
| PWTF Loan | | | | | | | | | | |
| Interfund Loan | | | | | | | | | | |
| Grants | | | | | | | | | | |
| SEPA / LTA | | | | | | | | | | |
| Developer Financing | | | | | | | | | | |
| Other ¹ | | | | | | | | | | |
| TOTAL FUNDING | | | | | | 50,000 | 300,000 | 350,000 | 100% | |
| EXPENDITURES | | | | | | | | | | |
| Planning | | | | | | | | | | |
| Preliminary Design | | | | | | | | | | |
| Design & Engineering | | | | | | 50,000 | | 50,000 | 14% | |
| Land / ROW Acquisition | | | | | | | | | | |
| Construction | | | | | | | 300,000 | 300,000 | 86% | |
| Other | | | | | | | | | | |
| TOTAL EXPENDITURES | | | | | | 50,000 | 300,000 | 350,000 | 100% | |

Notes:

Planning Period: 2019-2038
 Project Title: Sewer Decant Facility
 Location: Martin Way

File Number: sew030.xls
 UGA Planning Area: Tanglewilde
 Sewer Plan Project: N/A

CFP Project: WW- 30
 Department: Public Works

Project Description: Upgrade the existing sewer decant facility at the City's pit site.

Project Justification: The existing decant facility is inadequate and inefficient for operations current needs.

Policy Basis: Best Management Practices

Current Project Status: Planning

Land Status: Public ROW

PROJECT FUNDING SOURCES AND EXPENDITURES

6-35

| | <u>Prior Years</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024</u> | <u>6-Year Total</u> | <u>%</u> | <u>Future Years</u> |
|---------------------------|--------------------|-------------|-------------|-------------|----------------|----------------|-------------|---------------------|-------------|---------------------|
| FUNDING | | | | | | | | | | |
| General Revenue | | | | | | | | | | |
| Voted G.O. Bonds | | | | | | | | | | |
| Non-Voted G.O. Bonds | | | | | | | | | | |
| Revenue Bonds | | | | | | | | | | |
| Utility Rates / Fees | | | | | | | | | | |
| GFC Revenue | | | | | 100,000 | 400,000 | | 500,000 | 100% | |
| LID / ULID | | | | | | | | | | |
| Arterial Street Fund | | | | | | | | | | |
| PWTF Loan | | | | | | | | | | |
| Interfund Loan | | | | | | | | | | |
| Grants | | | | | | | | | | |
| SEPA / LTA | | | | | | | | | | |
| Developer Financing | | | | | | | | | | |
| Other ¹ | | | | | | | | | | |
| TOTAL FUNDING | | | | | <u>100,000</u> | <u>400,000</u> | | <u>500,000</u> | <u>100%</u> | |
| EXPENDITURES | | | | | | | | | | |
| Planning | | | | | | | | | | |
| Preliminary Design | | | | | | | | | | |
| Design & Engineering | | | | | 100,000 | | | 100,000 | 20% | |
| Land / ROW Acquisition | | | | | | | | | | |
| Construction | | | | | | 400,000 | | 400,000 | 80% | |
| Other | | | | | | | | | | |
| TOTAL EXPENDITURES | | | | | <u>100,000</u> | <u>400,000</u> | | <u>500,000</u> | <u>100%</u> | |

Notes:

Planning Period: 2019-2038
 Project Title: 34th Ave Gravity Replacement
 Location: 34th Ave

File Number: sew031.xls
 UGA Planning Area: Central
 Sewer Plan Project: 28

CFP Project: WW- 31
 Department: Public Works

Project Description: Replace a section of gravity sewer line on 34th Ave.

Project Justification: The existing line does not meet current standards and requires frequent cleaning.

Policy Basis: 2014 Comprehensive Wastewater Plan

Current Project Status: Planning

Land Status: Public ROW

PROJECT FUNDING SOURCES AND EXPENDITURES

6-36

| | <u>Prior Years</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024</u> | <u>6-Year Total</u> | <u>%</u> | <u>Future Years</u> |
|---------------------------|--------------------|-------------|-------------|-------------|---------------|----------------|-------------|---------------------|-------------|---------------------|
| FUNDING | | | | | | | | | | |
| General Revenue | | | | | | | | | | |
| Voted G.O. Bonds | | | | | | | | | | |
| Non-Voted G.O. Bonds | | | | | | | | | | |
| Revenue Bonds | | | | | | | | | | |
| Utility Rates / Fees | | | | | | | | | | |
| GFC Revenue | | | | | 50,000 | 200,000 | | 250,000 | 100% | |
| LID / ULID | | | | | | | | | | |
| Arterial Street Fund | | | | | | | | | | |
| PWTF Loan | | | | | | | | | | |
| Interfund Loan | | | | | | | | | | |
| Grants | | | | | | | | | | |
| SEPA / LTA | | | | | | | | | | |
| Developer Financing | | | | | | | | | | |
| Other ¹ | | | | | | | | | | |
| TOTAL FUNDING | | | | | <u>50,000</u> | <u>200,000</u> | | <u>250,000</u> | <u>100%</u> | |
| EXPENDITURES | | | | | | | | | | |
| Planning | | | | | | | | | | |
| Preliminary Design | | | | | | | | | | |
| Design & Engineering | | | | | 50,000 | | | 50,000 | 20% | |
| Land / ROW Acquisition | | | | | | | | | | |
| Construction | | | | | | 200,000 | | 200,000 | 80% | |
| Other | | | | | | | | | | |
| TOTAL EXPENDITURES | | | | | <u>50,000</u> | <u>200,000</u> | | <u>250,000</u> | <u>100%</u> | |

Notes:

Planning Period: 2019-2038
 Project Title: Wet-well Rehabilitation
 Location: All City and UGA

File Number: sew032.xls
 UGA Planning Area: All
 Sewer Plan Project: N/A

CFP Project: WW- 32
 Department: Public Works

Project Description: This project will address corrosion issues in deteriorating wet-wells. This generally includes replacement of corroded parts, concrete repair, and coatings.

Project Justification: Preserve and extend the useful life of these structures.

Policy Basis: Best Management Practices

Current Project Status: Planning

Land Status: Public ROW

PROJECT FUNDING SOURCES AND EXPENDITURES

6-37

| FUNDING | <u>Prior Years</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024</u> | <u>6-Year Total</u> | <u>%</u> | <u>Future Years</u> |
|---------------------------|--------------------|-------------|-------------|-------------|-------------|----------------|----------------|---------------------|-------------|---------------------|
| General Revenue | | | | | | | | | | |
| Voted G.O. Bonds | | | | | | | | | | |
| Non-Voted G.O. Bonds | | | | | | | | | | |
| Revenue Bonds | | | | | | | | | | |
| Utility Rates / Fees | | | | | | | | | | |
| GFC Revenue | | | | | | 200,000 | 200,000 | 400,000 | 100% | |
| LID / ULID | | | | | | | | | | |
| Arterial Street Fund | | | | | | | | | | |
| PWTF Loan | | | | | | | | | | |
| Interfund Loan | | | | | | | | | | |
| Grants | | | | | | | | | | |
| SEPA / LTA | | | | | | | | | | |
| Developer Financing | | | | | | | | | | |
| Other ¹ | | | | | | | | | | |
| TOTAL FUNDING | | | | | | <u>200,000</u> | <u>200,000</u> | <u>400,000</u> | <u>100%</u> | |
| EXPENDITURES | | | | | | | | | | |
| Planning | | | | | | | | | | |
| Preliminary Design | | | | | | | | | | |
| Design & Engineering | | | | | | 50,000 | 50,000 | 100,000 | 25% | |
| Land / ROW Acquisition | | | | | | | | | | |
| Construction | | | | | | 150,000 | 150,000 | 300,000 | 75% | |
| Other | | | | | | | | | | |
| TOTAL EXPENDITURES | | | | | | <u>200,000</u> | <u>200,000</u> | <u>400,000</u> | <u>100%</u> | |

Notes: