

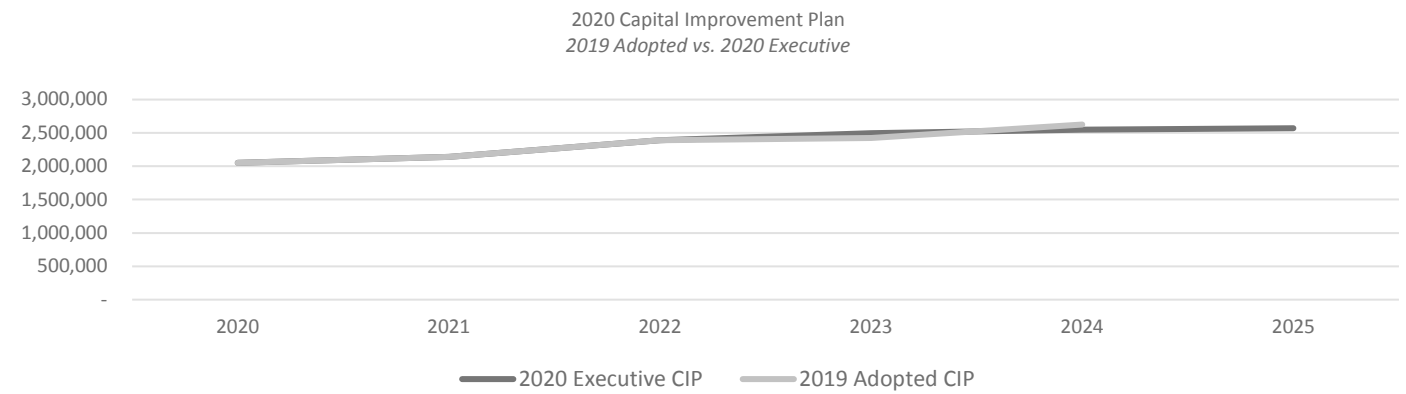
# Engineering - Other Projects

## Capital Improvement Plan

### Project Summary

	2020	2021	2022	2023	2024	2025
Aerial Photo / Orthophotos	50,000	-	70,000	-	50,000	-
Equipment and Vehicle Replacement	1,701,000	1,701,000	1,931,000	2,025,000	2,120,000	2,205,000
Right of Way Landscaping & Trees	160,000	172,000	175,000	175,000	180,000	187,000
Service Building Improvements	141,000	141,000	155,000	163,000	171,000	178,000
Warning Sirens	-	-	60,000	-	30,000	-
Waste Oil Collection Sites	-	125,000	-	135,000	-	-
<b>Total</b>	<b>\$ 2,052,000</b>	<b>\$ 2,139,000</b>	<b>\$ 2,391,000</b>	<b>\$ 2,498,000</b>	<b>\$ 2,551,000</b>	<b>\$ 2,570,000</b>

### Changes from 2019 CIP



# Engineering - Other Projects

## Budget Overview

### 2020 CIP by Expenditure Type

	2020	2021	2022	2023	2024	2025
Building	141,000	141,000	155,000	163,000	171,000	178,000
Land Improvements	160,000	297,000	175,000	310,000	180,000	187,000
Machinery and Equipment	1,701,000	1,701,000	1,991,000	2,025,000	2,150,000	2,205,000
Other	50,000	-	70,000	-	50,000	-
<b>Total</b>	<b>\$ 2,052,000</b>	<b>\$ 2,139,000</b>	<b>\$ 2,391,000</b>	<b>\$ 2,498,000</b>	<b>\$ 2,551,000</b>	<b>\$ 2,570,000</b>

### 2020 CIP by Funding Source

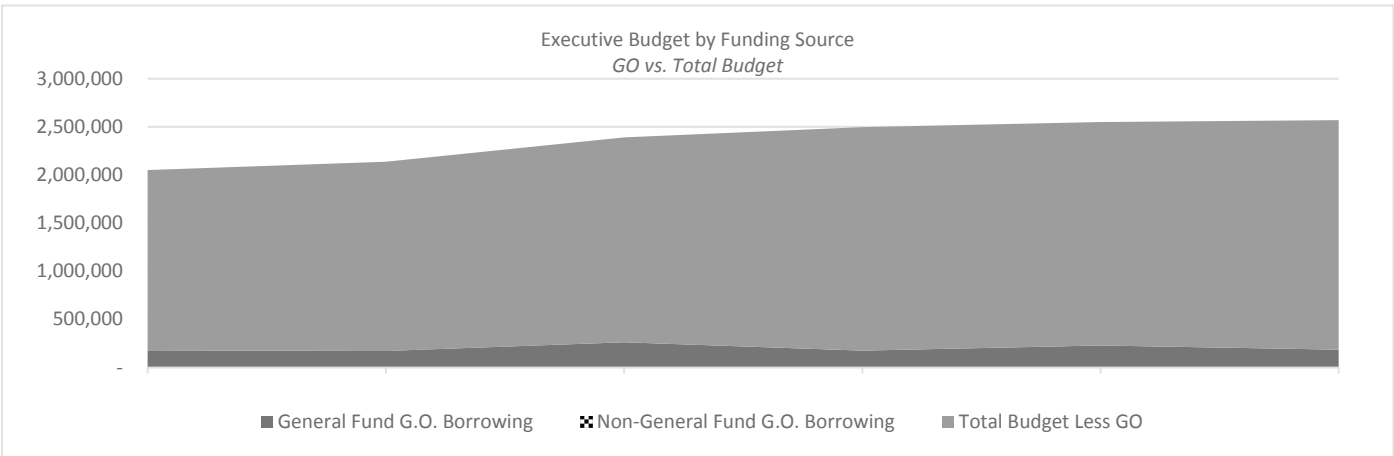
	2020	2021	2022	2023	2024	2025
GF GO Borrowing	180,000	172,000	263,000	175,000	230,000	187,000
Reserves Applied	1,872,000	1,967,000	2,128,000	2,323,000	2,321,000	2,383,000
<b>Total</b>	<b>\$ 2,052,000</b>	<b>\$ 2,139,000</b>	<b>\$ 2,391,000</b>	<b>\$ 2,498,000</b>	<b>\$ 2,551,000</b>	<b>\$ 2,570,000</b>

### Borrowing Summary

	2020	2021	2022	2023	2024	2025
<b>Borrowing Schedule</b>						
General Fund G.O. Borrowing	180,000	172,000	263,000	175,000	230,000	187,000
Non-General Fund G.O. Borrowing	-	-	-	-	-	-
<b>Total</b>	<b>\$ 180,000</b>	<b>\$ 172,000</b>	<b>\$ 263,000</b>	<b>\$ 175,000</b>	<b>\$ 230,000</b>	<b>\$ 187,000</b>

### Annual Debt Service

General Fund G.O. Borrowing	23,400	22,360	34,190	22,750	29,900	24,310
Non-General Fund G.O. Borrowing	-	-	-	-	-	-



# Engineering - Other Projects

## Project Overview

<b>Project</b>	<b>Aerial Photo / Orthophotos</b>	<b>Project #</b>	<b>11846</b>
<b>Citywide Element</b>	<b>Effective Government</b>	<b>Project Type</b>	<b>Program</b>

### Project Description

This program is for updating the City's GIS base mapping with the aerial photography of existing City lands and adjacent areas where the City may expand. The goal of this program is to provide data and imagery to inform City operations and planning efforts. Data from the program is utilized by City Utilities, Planning, and Public Safety agencies. 2020 funding is for the standard aerial collection conducted on a two-year cycle.

### Project Budget by Funding Source

	2020	2021	2022	2023	2024	2025
GF GO Borrowing	20,000	-	28,000	-	20,000	-
Reserves Applied	30,000	-	42,000	-	30,000	-
<b>TOTAL</b>	<b>\$ 50,000</b>	<b>\$ -</b>	<b>\$ 70,000</b>	<b>\$ -</b>	<b>\$ 50,000</b>	<b>\$ -</b>

<b>Project</b>	<b>Equipment and Vehicle Replacement</b>	<b>Project #</b>	<b>10576</b>
<b>Citywide Element</b>	<b>Green and Resilient</b>	<b>Project Type</b>	<b>Program</b>

### Project Description

This program is for the purchase of vehicles and equipment utilized by the Landfill, Sewer, and Stormwater Utilities. The goal of this program is to provide the necessary transportation and equipment resources for the services provided by these agencies. 2020 funding is for 25 replacement units.

### Project Budget by Funding Source

	2020	2021	2022	2023	2024	2025
Reserves Applied	1,701,000	1,701,000	1,931,000	2,025,000	2,120,000	2,205,000
<b>TOTAL</b>	<b>\$ 1,701,000</b>	<b>\$ 1,701,000</b>	<b>\$ 1,931,000</b>	<b>\$ 2,025,000</b>	<b>\$ 2,120,000</b>	<b>\$ 2,205,000</b>

<b>Project</b>	<b>Right of Way Landscaping &amp; Trees</b>	<b>Project #</b>	<b>11082</b>
<b>Citywide Element</b>	<b>Green and Resilient</b>	<b>Project Type</b>	<b>Program</b>

### Project Description

This program is for landscaping on boulevards and right of ways throughout the City. The goal of the program is to increase drought resistance, add plant species diversity, increase pollinator habitat, and add native plant species. In 2020 sections of the East Washington beds be replanted with native species.

### Project Budget by Funding Source

	2020	2021	2022	2023	2024	2025
GF GO Borrowing	160,000	172,000	175,000	175,000	180,000	187,000
<b>TOTAL</b>	<b>\$ 160,000</b>	<b>\$ 172,000</b>	<b>\$ 175,000</b>	<b>\$ 175,000</b>	<b>\$ 180,000</b>	<b>\$ 187,000</b>

**Project Citywide Element**                      **Service Building Improvements Green and Resilient**                      **Project # Project Type**                      **10192 Program**

*Project Description*

This program is for the replacing the existing mechanical equipment at the Engineering Services Building located at 1600 Emil Street. The goal of the program is to upgrade the aged mechanical equipment for energy efficient operations.

*Project Budget by Funding Source*

	2020	2021	2022	2023	2024	2025
Reserves Applied	141,000	141,000	155,000	163,000	171,000	178,000
<b>TOTAL</b>	<b>\$ 141,000</b>	<b>\$ 141,000</b>	<b>\$ 155,000</b>	<b>\$ 163,000</b>	<b>\$ 171,000</b>	<b>\$ 178,000</b>

**Project Citywide Element**                      **Warning Sirens Effective Government**                      **Project # Project Type**                      **11495 Program**

*Project Description*

This program is for upgrades and expansion to the City's emergency warning sirens. The goal of this program is to maintain the alert system provided by the network of warning sirens.

*Project Budget by Funding Source*

	2020	2021	2022	2023	2024	2025
GF GO Borrowing	-	-	60,000	-	30,000	-
<b>TOTAL</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 60,000</b>	<b>\$ -</b>	<b>\$ 30,000</b>	<b>\$ -</b>

**Project Citywide Element**                      **Waste Oil Collection Sites Green and Resilient**                      **Project # Project Type**                      **11494 Program**

*Project Description*

This program is for replacing the City's four Waste Oil collection sites. The goal of this program is to maintain compliance and isolate any illicit dumping of polychlorinated biphenyl (PCB) contaminated waste oil. Funding in 2021 is for construction of a new collection site at the Glenway Golf Course. Funding in 2023 is for replacement of the waste oil site at the City of Madison Monona Golf Course.

*Project Budget by Funding Source*

	2020	2021	2022	2023	2024	2025
Reserves Applied	-	125,000	-	135,000	-	-
<b>TOTAL</b>	<b>\$ -</b>	<b>\$ 125,000</b>	<b>\$ -</b>	<b>\$ 135,000</b>	<b>\$ -</b>	<b>\$ -</b>

# Engineering - Other Projects

## 2020 Appropriation Schedule

### 2020 Appropriation

### Executive Budget

	Request	GO Borrowing	Other	Total
Aerial Photo / Orthophotos	50,000	20,000	30,000	50,000
Equipment and Vehicle Replacement	1,701,000	-	1,701,000	1,701,000
Right of Way Landscaping & Trees	160,000	160,000	-	160,000
Service Building Improvements	141,000	-	141,000	141,000
<b>Total 2020 Appropriation</b>	<b>\$ 2,052,000</b>	<b>\$ 180,000</b>	<b>\$ 1,872,000</b>	<b>\$ 2,052,000</b>