

Fleet Service

2024 Capital Budget Request Summary

Request by Proposal

Project/Program Name	2024	2025	2026	2027	2028	2029
Electric Heavy Trucks and Infrastructure	800,000	800,000	800,000	800,000	800,000	800,000
Fire Apparatus / Rescue Veh	3,850,000	2,150,000	2,920,000	4,220,000	5,000,000	5,000,000
Fleet Equipment Replacement	8,734,250	9,250,000	9,850,000	9,950,000	10,400,000	10,900,000
Total	\$ 13,384,250	\$ 12,200,000	\$ 13,570,000	\$ 14,970,000	\$ 16,200,000	\$ 16,700,000

Request by Funding Source - GO Borrowing vs. Other

2024 Request

Funding Source	2024	2025	2026	2027	2028	2029	Total ('24 to '28)
GO Borrowing	13,384,250	12,200,000	13,570,000	14,970,000	16,200,000	16,700,000	70,324,250
Total	\$ 13,384,250	\$ 12,200,000	\$ 13,570,000	\$ 14,970,000	\$ 16,200,000	\$ 16,700,000	\$ 70,324,250

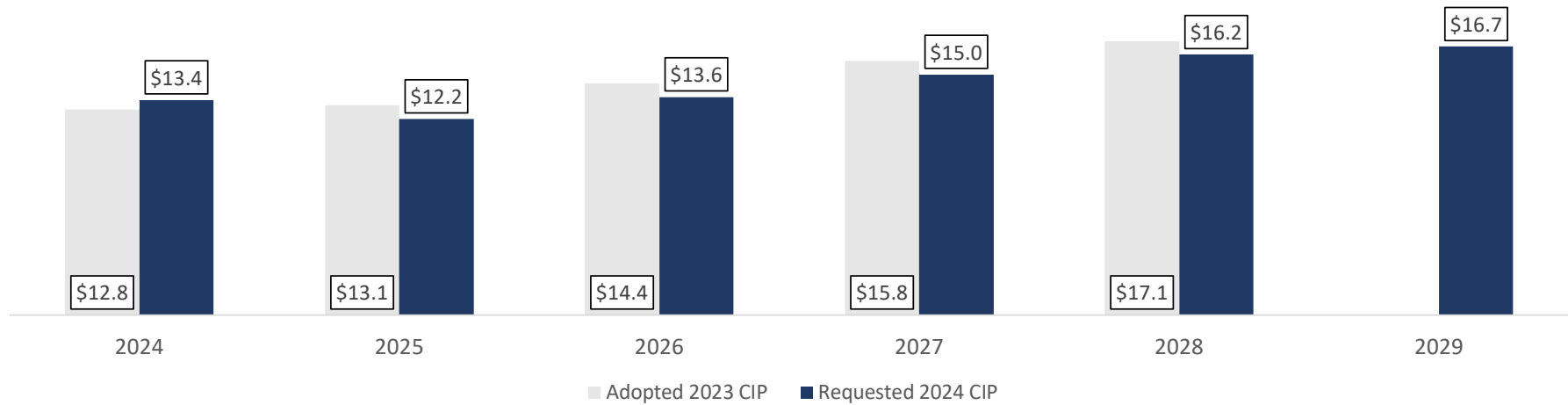
Prior Year CIP

Funding Source	2024	2025	2026	2027	2028	Total ('24 to '28)
GO Borrowing	12,785,000	13,050,000	14,420,000	15,820,000	17,050,000	73,125,000
Total	\$ 12,785,000	\$ 13,050,000	\$ 14,420,000	\$ 15,820,000	\$ 17,050,000	\$ 73,125,000

Request vs. Prior Year CIP - % Change

Funding Source	2024	2025	2026	2027	2028	Total ('24 to '28)
GO Borrowing	4.7%	-6.5%	-5.9%	-5.4%	-5.0%	-3.8%
Total	4.7%	-6.5%	-5.9%	-5.4%	-5.0%	-3.8%

2024 Capital Improvement Plan
2023 Adopted vs. 2024 Request (Millions)



Major Changes

Electric Vehicles and Equipment

- Program name changed from "Electric Heavy Trucks and Infrastructure" to "Electric Vehicles and Equipment."
- Program budget decreased by \$850,000 in Non-GF GO borrowing in 2025, 2026, 2027, and 2028 due to an agreement with Engineering Facilities where Engineering Facilities will be responsible for building EV charging infrastructure.

Fire Apparatus/Rescue Veh

- Program budget increased by \$425,000 in Non-GF GO borrowing in 2024. This reflects a 12.4% increase.

Fleet Equipment Replacement

- No major changes compared to 2023 Adopted CIP.

TO: David Schmiedicke, Finance Director
FROM: Mahanth S. Joishy, Fleet Superintendent
DATE: 4/20/2023
SUBJECT: FLEET Capital Budget Transmittal Memo

Equity Considerations in the Budget

Fleet disburses the entire Capital budget to vendors throughout the Wisconsin community. We continue to search for vendors that are BIPOC, woman-owned or local. Fleet is also leading a first-ever initiative for Madison, the citywide Request for Information (RFI) in coordination with your department, as part of this effort to benefit Fleet purchasing as well as that of other divisions in diversifying our potential vendor pools through 2023, 2024 and beyond.

Summary of Changes from 2023 Capital Improvement Plan

Fleet is facing unprecedented inflation and supply chain issues in purchasing of new vehicles, fuel, and also parts. We are therefore requesting a 5% increase in most programs. However, we are proposing a reduction in future years on the Electric Vehicle (EV) program as charging station infrastructure funds are being handled in future fiscal years by City Engineering and shall be reflected in that agency's budget requests.

Prioritized List of Capital Requests

As always, Fleet purchases vehicles and equipment on behalf of other agencies in order to support their specific missions. We prioritize funding in order of critical needs. Any scale down in the CIP will result in fewer vehicles being purchased. This results in falling behind on the recommended replacement cycles, the City running an older fleet with more maintenance costs reflected in the operating budget and more vehicle downtime for customer agencies, more fueling costs if the City can buy less EVs, hybrid and biodiesel technology also reflected in the operating budget, and higher emissions to conduct daily operations.

- 1) **Madison Fire Apparatus Replacement**
- 2) **General Vehicle & Equipment Replacement**
- 3) **Electric Vehicles & Charging Infrastructure**

2024 Capital Improvement Plan

Program Budget Proposal

Identifying Information

Agency	<input type="text" value="Fleet Service"/>	New or Existing Project	<input type="text" value="Existing"/>
Proposal Name	<input type="text" value="Electric Heavy Trucks and Infrastructure"/>	Project Type	<input type="text" value="Program"/>
Project Number	<input type="text" value="13625"/>		
2024 Project Number	<input type="text" value="14702"/>		

Previous Description

This project is to fund the incremental costs associated with replacing diesel powered heavy duty trucks with electric heavy duty trucks. These vehicles have a much higher initial cost to purchase and require infrastructure equipment and upgrades. The scope of this project is to fund electric refuse trucks for the Streets and Parks divisions. The funding will also provide the necessary charging infrastructure equipment and installation.

New or Updated Description

This project is to fund the incremental costs associated with replacing petroleum powered vehicles and equipment with electric or alternative fuel vehicles. These vehicles have a higher initial cost to purchase while carrying a lower cost to maintain and fuel. Portions of this fund may also be used to support the Bio Diesel B100 program that is set to expand. These funds are necessary to meet the city's goals of reducing emissions. New program name (Electric Vehicles and Equipment)

Alignment with Strategic Plans and Citywide Priorities

Citywide Element	<input type="text" value="Green and Resilient"/>
Strategy	<input type="text" value="Does not meet a strategy."/>

Describe how this project/program advances the Citywide Element

Since 2018 we have led the local electric vehicle (EV) revolution, going from 0 EVs in 2018 to 70 today, along with over 145 gas-electric hybrids. We are a leading user of biodiesel and among the recognized greenest fleets in the nation. Many other jurisdictions are following our lead. Fleet is working to implement even more, newer, greener alternative fuel assets. This project is to fund the incremental cost differences of heavy duty EVs. The initial increased cost in general will be recovered during the life span of the asset while producing lower emissions and less noise pollution. This project will also cover the initial infrastructure costs to install charging station of these assets.

Does this project/program advance goals in a Citywide agenda or strategic plan other than Imagine Madison (e.g. Climate Forward, Housing Forward, Metro Forward, Vision Zero)?

Yes

If yes, specify which plan(s) the project/program would advance and describe how the project/program will help the City meet its strategic goals.

Fleet Service has incorporated Imagine Madison’s element Green and Resilient in to all services that we provide. Fleet Service is leading our division to become the most sustainable Fleet in Wisconsin and nationally. We only purchase low to zero emission vehicles and equipment for the fleet. These efforts have greatly reduced the emissions produced by our fleet.

Racial Equity and Social Justice

We are continuing our efforts to articulate and prioritize racial equity and social justice in the City’s budget and operations. Please respond to the following questions and incorporate these responses into your budget narrative to ensure racial equity is included in decision-making.

Is the proposed project/program primarily focused on maintenance or repair?

No

For projects/programs that are not specifically focused on maintenance and repair 1) what specific inequities does this program intend to address? How and for whom? 2) What data helped shape your proposal? Data may include qualitative and quantitative data such as demographic, qualified census tracts, environmental justice areas, specific recommendations from a Racial Equity and Social Justice Analysis, or other sources.

Fleet currently has four full-time women working at fleet in addition to several job coaches through the community work services program. We are about to hire another woman full-time for a total of 5 which will be a new record for the fleet division. Our most recent hires include four BIPOC employees, two of whom are women. Additionally we have three apprentices, two of whom are BIPOC. Since 2018, a majority of Fleet apprentices have been BIPOC and/or women. Fleet is aggressively looking for women and BIPOC owned businesses to work with for our entire Capital budget, and leading a national public call for information on this exact topic. The 2022 RFI has generated over 40 excellent responses for divisions to use citywide. The vehicles and equipment we are purchasing on behalf of customer divisions with the CIP will be assigned throughout the city’s districts. For example greener police cars will be assigned to every Police station which will help reduce asthma rates in those districts.

Is the proposed budget or budget change related to a recommendation from a Neighborhood Resource Team (NRT)?

No

If yes, please identify the specific NRT and recommendation. Be as specific as possible.

Climate Resilience and Sustainability

Does this project/program improve the city’s climate resilience or sustainability by addressing climate change impacts, reducing GHG emissions, improving energy efficiency, growing a climate-friendly economy, or reducing the environmental impact of city assets or operations?

Yes

If yes, describe how

We track every pound of CO2 emissions by our fleet and the reductions achieved by aggressively pursuing biodiesel, EVs, hybrids, and building improvements. We have reduced 13 millions lbs. of CO2 from City operations, and counting by these efforts.

If TIF or Impact Fee are a requested funding source, which district(s)

District/Detail	2024	2025	2026	2027	2028	2029

If TIF is a requested funding source, is this request included in an approved TIF project plan?

If the proposal includes building/ facility expenses, has the proposal been reviewed by City Engineering Facilities?

If no, explain how you developed the facilities cost estimate for the budget request.

Operating Costs

Over the next six years, will the project/program require any of the following IT resources?

Electronic hardware that will be connected to a City device in any manner, including wireless, bluetooth, NFC, etc.?	No
Software (either local or in the cloud)?	No
A new website or changes to an existing website?	No

For projects/programs requesting new software/hardware:

Have you submitted an IT project request form? IT Project Request Form	No
---	----

Changes to existing hardware/software:

Will any existing software or processes need to be modified to support this project/program or initiative? If yes, submit an IT Project Request Form	No
---	----

Surveillance Technology:

Do you believe any of the hardware or software to be considered surveillance technology? Surveillance technology is defined in MGO Sec. 23.63(2). If yes, please reach out to Sarah Edgerton prior to submitting your budget request.	No
---	----

In addition to IT costs, projects/programs may have other operational impacts. Over the next six years, will the project/program require any of the following:

Facilities/land maintenance?	No
Vehicle setup or maintenance costs?	No
External management or consulting contracts?	No
How many additional FTE positions required for ongoing operations of this project/program?	0.00

Estimate the project/program annual operating costs

Description - please detail operating costs by major where available	Annual Costs

2024 Capital Improvement Plan

Program Budget Proposal

Identifying Information

Agency	<input type="text" value="Fleet Service"/>	New or Existing Project	<input type="text" value="Existing"/>
Proposal Name	<input type="text" value="Fire Apparatus / Rescue Veh"/>	Project Type	<input type="text" value="Program"/>
Project Number	<input type="text" value="12504"/>		
2024 Project Number	<input type="text" value="14703"/>		

Previous Description

This program is for purchasing fire apparatus and rescue vehicles. The goal of the program is to maintain a high quality fleet of fire apparatus and emergency vehicles. Program success is measured by analyzing daily availability rates of the fire fleet. Funding in 2023 will be used for a tower truck, fire engine, two ambulances, two electric water crafts and two electric command vehicles.

New or Updated Description

Alignment with Strategic Plans and Citywide Priorities

Citywide Element	<input type="text" value="Green and Resilient"/>
Strategy	<input type="text" value="Does not meet a strategy."/>

Describe how this project/program advances the Citywide Element

Since 2018 we have led the local electric vehicle (EV) revolution, going from 0 EVs in 2018 to 70 today, along with over 145 gas-electric hybrids. We are a leading user of biodiesel and among the recognized greenest fleets in the nation. Many other jurisdictions are following our lead. Fleet is working to implement even more, newer, greener alternative fuel assets. This project is to fund the incremental cost differences of heavy duty EVs. The initial increased cost in general will be recovered during the life span of the asset while producing lower emissions and less noise pollution. This project will also cover the initial infrastructure costs to install charging station of these assets.

Does this project/program advance goals in a Citywide agenda or strategic plan other than Imagine Madison (e.g. Climate Forward, Housing Forward, Metro Forward, Vision Zero)?

Yes

If yes, specify which plan(s) the project/program would advance and describe how the project/program will help the City meet its strategic goals.

Fleet Service has incorporated Imagine Madison’s element Green and Resilient in to all services that we provide. Fleet Service is leading our division to become the most sustainable Fleet in Wisconsin and nationally. We only purchase low to zero emission vehicles and equipment for the fleet. These efforts have greatly reduced the emissions produced by our fleet.

Racial Equity and Social Justice

We are continuing our efforts to articulate and prioritize racial equity and social justice in the City’s budget and operations. Please respond to the following questions and incorporate these responses into your budget narrative to ensure racial equity is included in decision-making.

Is the proposed project/program primarily focused on maintenance or repair?

No

For projects/programs that are not specifically focused on maintenance and repair 1) what specific inequities does this program intend to address? How and for whom? 2) What data helped shape your proposal? Data may include qualitative and quantitative data such as demographic, qualified census tracts, environmental justice areas, specific recommendations from a Racial Equity and Social Justice Analysis, or other sources.

Fleet currently has four full-time women working at fleet in addition to several job coaches through the community work services program. We are about to hire another woman full-time for a total of 5 which will be a new record for the fleet division. Our most recent hires include four BIPOC employees, two of whom are women. Additionally we have three apprentices, two of whom are BIPOC. Since 2018, a majority of Fleet apprentices have been BIPOC and/or women. Fleet is aggressively looking for women and BIPOC owned businesses to work with for our entire Capital budget, and leading a national public call for information on this exact topic. The 2022 RFI has generated over 40 excellent responses for divisions to use citywide. The vehicles and equipment we are purchasing on behalf of customer divisions with the CIP will be assigned throughout the city’s districts. For example greener police cars will be assigned to every Police station which will help reduce asthma rates in those districts.

Is the proposed budget or budget change related to a recommendation from a Neighborhood Resource Team (NRT)?

No

If yes, please identify the specific NRT and recommendation. Be as specific as possible.

Climate Resilience and Sustainability

Does this project/program improve the city’s climate resilience or sustainability by addressing climate change impacts, reducing GHG emissions, improving energy efficiency, growing a climate-friendly economy, or reducing the environmental impact of city assets or operations?

Yes

If yes, describe how

We track every pound of CO2 emissions by our fleet and the reductions achieved by aggressively pursuing biodiesel, EVs, hybrids, and building improvements. We have reduced 13 millions lbs. of CO2 from City operations, and counting by these efforts.

Budget Information

Requested Budget by Funding Source

Funding Source	2024	2025	2026	2027	2028	2029
Borrowing - Non-GF GO	\$ 3,850,000	\$ 2,150,000	\$ 2,920,000	\$ 4,220,000	\$ 5,000,000	\$ 5,000,000
Total	\$ 3,850,000	\$ 2,150,000	\$ 2,920,000	\$ 4,220,000	\$ 5,000,000	\$ 5,000,000

Requested Budget by Expense Type

Expense Type	2024	2025	2026	2027	2028	2029
Machinery and Equipment	\$ 3,850,000	\$ 2,150,000	\$ 2,920,000	\$ 4,220,000	\$ 5,000,000	\$ 5,000,000
Total	\$ 3,850,000	\$ 2,150,000	\$ 2,920,000	\$ 4,220,000	\$ 5,000,000	\$ 5,000,000

Explain any changes from the 2023 CIP in the proposed funding for this project/program

If TIF or Impact Fee are a requested funding source, which district(s)

District/Detail	2024	2025	2026	2027	2028	2029

If TIF is a requested funding source, is this request included in an approved TIF project plan?

If the proposal includes building/ facility expenses, has the proposal been reviewed by City Engineering Facilities?

If no, explain how you developed the facilities cost estimate for the budget request.

Operating Costs

Over the next six years, will the project/program require any of the following IT resources?

Electronic hardware that will be connected to a City device in any manner, including wireless, bluetooth, NFC, etc.?	No
Software (either local or in the cloud)?	No
A new website or changes to an existing website?	No

For projects/programs requesting new software/hardware:

Have you submitted an IT project request form? IT Project Request Form	No
---	----

Changes to existing hardware/software:

Will any existing software or processes need to be modified to support this project/program or initiative? If yes, submit an IT Project Request Form	No
---	----

Surveillance Technology:

Do you believe any of the hardware or software to be considered surveillance technology? Surveillance technology is defined in MGO Sec. 23.63(2). If yes, please reach out to Sarah Edgerton prior to submitting your budget request.	No
---	----

In addition to IT costs, projects/programs may have other operational impacts. Over the next six years, will the project/program require any of the following:

Facilities/land maintenance?	No
Vehicle setup or maintenance costs?	No
External management or consulting contracts?	No
How many additional FTE positions required for ongoing operations of this project/program?	0.00

Estimate the project/program annual operating costs

Description - please detail operating costs by major where available	Annual Costs

2024 Capital Improvement Plan

Program Budget Proposal

Identifying Information

Agency	<input type="text" value="Fleet Service"/>	New or Existing Project	<input type="text" value="Existing"/>
Proposal Name	<input type="text" value="Fleet Equipment Replacement"/>	Project Type	<input type="text" value="Program"/>
Project Number	<input type="text" value="17060"/>		
2024 Project Number	<input type="text" value="14704"/>		

Previous Description

This program funds the replacement of the City's general fleet. The program's goal is to replace vehicles in accordance with the master replacement schedule ensuring city staff have access to safe, reliable vehicles when providing their services. Funding in 2023 will be used to purchase 125 pieces of equipment, including replacement of City sedans, trucks, refuse equipment, mowers, tractors, trailers, and Police squads.

New or Updated Description

Alignment with Strategic Plans and Citywide Priorities

Citywide Element	<input type="text" value="Green and Resilient"/>
Strategy	<input type="text" value="Does not meet a strategy."/>

Describe how this project/program advances the Citywide Element

Since 2018 we have led the local electric vehicle (EV) revolution, going from 0 EVs in 2018 to 70 today, along with over 145 gas-electric hybrids. We are a leading user of biodiesel and among the recognized greenest fleets in the nation. Many other jurisdictions are following our lead. Fleet is working to implement even more, newer, greener alternative fuel assets. This project is to fund the incremental cost differences of heavy duty EVs. The initial increased cost in general will be recovered during the life span of the asset while producing lower emissions and less noise pollution. This project will also cover the initial infrastructure costs to install charging station of these assets.

Does this project/program advance goals in a Citywide agenda or strategic plan other than Imagine Madison (e.g. Climate Forward, Housing Forward, Metro Forward, Vision Zero)?

Yes

If yes, specify which plan(s) the project/program would advance and describe how the project/program will help the City meet its strategic goals.

Fleet Service has incorporated Imagine Madison’s element Green and Resilient in to all services that we provide. Fleet Service is leading our division to become the most sustainable Fleet in Wisconsin and nationally. We only purchase low to zero emission vehicles and equipment for the fleet. These efforts have greatly reduced the emissions produced by our fleet.

Racial Equity and Social Justice

We are continuing our efforts to articulate and prioritize racial equity and social justice in the City’s budget and operations. Please respond to the following questions and incorporate these responses into your budget narrative to ensure racial equity is included in decision-making.

Is the proposed project/program primarily focused on maintenance or repair?

No

For projects/programs that are not specifically focused on maintenance and repair 1) what specific inequities does this program intend to address? How and for whom? 2) What data helped shape your proposal? Data may include qualitative and quantitative data such as demographic, qualified census tracts, environmental justice areas, specific recommendations from a Racial Equity and Social Justice Analysis, or other sources.

Fleet currently has four full-time women working at fleet in addition to several job coaches through the community work services program. We are about to hire another woman full-time for a total of 5 which will be a new record for the fleet division. Our most recent hires include four BIPOC employees, two of whom are women. Additionally we have three apprentices, two of whom are BIPOC. Since 2018, a majority of Fleet apprentices have been BIPOC and/or women. Fleet is aggressively looking for women and BIPOC owned businesses to work with for our entire Capital budget, and leading a national public call for information on this exact topic. The 2022 RFI has generated over 40 excellent responses for divisions to use citywide. The vehicles and equipment we are purchasing on behalf of customer divisions with the CIP will be assigned throughout the city’s districts. For example greener police cars will be assigned to every Police station which will help reduce asthma rates in those districts.

Is the proposed budget or budget change related to a recommendation from a Neighborhood Resource Team (NRT)?

No

If yes, please identify the specific NRT and recommendation. Be as specific as possible.

Climate Resilience and Sustainability

Does this project/program improve the city’s climate resilience or sustainability by addressing climate change impacts, reducing GHG emissions, improving energy efficiency, growing a climate-friendly economy, or reducing the environmental impact of city assets or operations?

Yes

If yes, describe how

We track every pound of CO2 emissions by our fleet and the reductions achieved by aggressively pursuing biodiesel, EVs, hybrids, and building improvements. We have reduced 13 millions lbs. of CO2 from City operations, and counting by these efforts.

Budget Information

Requested Budget by Funding Source

Funding Source	2024	2025	2026	2027	2028	2029
Borrowing - Non-GF GO	\$ 8,734,250	\$ 9,250,000	\$ 9,850,000	\$ 9,950,000	\$ 10,400,000	\$ 10,900,000
Total	\$ 8,734,250	\$ 9,250,000	\$ 9,850,000	\$ 9,950,000	\$ 10,400,000	\$ 10,900,000

Requested Budget by Expense Type

Expense Type	2024	2025	2026	2027	2028	2029
Machinery and Equipment	\$ 8,734,250	\$ 9,250,000	\$ 9,850,000	\$ 9,950,000	\$ 10,400,000	\$ 10,900,000
Total	\$ 8,734,250	\$ 9,250,000	\$ 9,850,000	\$ 9,950,000	\$ 10,400,000	\$ 10,900,000

Explain any changes from the 2023 CIP in the proposed funding for this project/program

If TIF or Impact Fee are a requested funding source, which district(s)

District/Detail	2024	2025	2026	2027	2028	2029

If TIF is a requested funding source, is this request included in an approved TIF project plan?

If the proposal includes building/ facility expenses, has the proposal been reviewed by City Engineering Facilities?

If no, explain how you developed the facilities cost estimate for the budget request.

Operating Costs

Over the next six years, will the project/program require any of the following IT resources?

Electronic hardware that will be connected to a City device in any manner, including wireless, bluetooth, NFC, etc.?	No
Software (either local or in the cloud)?	No
A new website or changes to an existing website?	No

For projects/programs requesting new software/hardware:

Have you submitted an IT project request form? IT Project Request Form	No
---	----

Changes to existing hardware/software:

Will any existing software or processes need to be modified to support this project/program or initiative? If yes, submit an IT Project Request Form	No
---	----

Surveillance Technology:

Do you believe any of the hardware or software to be considered surveillance technology? Surveillance technology is defined in MGO Sec. 23.63(2). If yes, please reach out to Sarah Edgerton prior to submitting your budget request.	No
---	----

In addition to IT costs, projects/programs may have other operational impacts. Over the next six years, will the project/program require any of the following:

Facilities/land maintenance?	No
Vehicle setup or maintenance costs?	No
External management or consulting contracts?	No
How many additional FTE positions required for ongoing operations of this project/program?	0.00

Estimate the project/program annual operating costs

Description - please detail operating costs by major where available	Annual Costs