



City of Columbia

701 East Broadway, Columbia, Missouri 65201

Department Source: Public Works

To: City Council

From: City Manager & Staff

Council Meeting Date: July 18, 2022

Re: Appropriating Funds from Street Operating Funds to Street Snow Vehicle and Equipment Recovery Fund Account.

Executive Summary

Staff is requesting to appropriate \$285,000 from Street Operating Funds for the purchase of a Front End Wheel Loader for Public Works. When preparing a list of equipment replacement for FY-2023, staff was notified that there would be a significant price increase on October 1, 2022 and potential delays in delivery. Therefore, staff is requesting to purchase the loader now, using unspent operating funds, saving the City at least \$40,000.

Discussion

This request is to replace the backup 1994 front-end wheel loader that is used for winter weather response. The primary wheel loader is a 2011 model. If approved, the newly purchased loader would become the primary loader and the 2011 model would act as a backup. The 2011 model loader is in fair condition, per the department, but mechanical wear due to the environment it operates in (salt) is a long-term concern and last winter there were some mechanical concerns and down time. If the situation were to arise where both the primary and backup loaders were out of operation, it would create a significant issue during winter weather events.

If that did occur, the current plan would be to rent or borrow other City equipment for the event. However, the winter weather response loader and back up are equipped with specialized mechanical and electronic components that measure and record the use of salt. These parts cannot easily be added to a rented or borrowed loader. Losing both loaders with this equipment near the end of the winter would probably not present grave concern. However, losing both loaders that measure salt usage near the beginning of winter and not having an accurate inventory of salt on hand could lead to significant, potentially catastrophic concerns as winter progresses. If approved for replacement, the 1994 loader would be retained for other operational use as current sales value is expected to be minimal.

If approved by this Council action, a loader can be secured for approximately \$285,000 due to available existing inventory that meets the necessary requirements. Based on information from manufacturers, staff anticipates the purchase price after October to be at least \$325,000.

Fiscal Impact



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Short-Term Impact: Appropriating \$285,000 from Street Operating Funds to Street Vehicle Equipment Recovery Fund

Long-Term Impact: Enter the cost of proposed legislation to the city for years **beyond two**.

Strategic & Comprehensive Plan Impact

[Strategic Plan Impacts:](#)

Primary Impact: Reliable Infrastructure, Secondary Impact: Safe Neighborhoods, Tertiary Impact: Resilient Economy

[Comprehensive Plan Impacts:](#)

Primary Impact: Mobility, Connectivity, and Accessibility, Secondary Impact: Livable & Sustainable Communities, Tertiary Impact: Environmental Management

Legislative History

| Date | Action |
|------|--------|
| | None |

Suggested Council Action

Pass the Ordinance appropriating funds from Street Operating Funds to Street Snow Vehicle and Equipment Recovery Fund Account.