



DATE: March 17, 2025

TO: Honorable Mayor and Members of the City Council through City Manager

FROM: Jeff Stutsman, PE – Deputy Director of Operations, Public Works Department
Paul Kaushal, PE – Director, Public Works Department

SUBJECT: Authorizing the Purchase of Truck-Mounted Asphalt Patcher through the Sourcewell Cooperative Purchasing Program in the amount of \$169,549.33 and Authorizing the City Manager to Execute all Documents Necessary to Complete the Purchase

RECOMMENDATION

It is recommended that the City Council adopt the attached Resolution authorizing the purchase of truck-mounted asphalt patcher through the Sourcewell Cooperative Purchasing Program in the amount of \$169,549.33 and authorizing the City Manager to execute all documents necessary to complete the purchase.

BACKGROUND

The City's current asphalt patch truck has served its purpose and is now beyond its life expectancy, having already undergone a full rebuild. This essential piece of equipment plays a critical role in street maintenance operations, particularly for asphalt patching and repairs. Continuing to use the current truck risks operational inefficiencies and increased downtime due to frequent breakdowns.

To address these concerns, staff proposes the purchase of a new Model BC-3 Truck-Mounted Asphalt Patcher, which will reuse the City's existing 2019 F650 truck chassis. This approach allows the City to optimize resources by replacing only the truck bed while preserving the serviceable truck chassis. The new asphalt patcher bed was custom-designed to meet the specific needs of the street maintenance crew, enhancing efficiency and reliability. The purchase price includes the installation of the new bed on the existing truck.

The timing of this acquisition aligns with the City Council's recent approval of a 5-Year Paving Plan, which will continue to significantly improve Petaluma's Pavement Condition Index (PCI). Maintaining and improving PCI requires not only large-scale paving projects but also efficient, reliable equipment for ongoing street maintenance and smaller-scale asphalt patching. Upgrading

to this new asphalt patcher operated by our City's street maintenance crews, will directly support the City's efforts to deliver on the goals outlined in the paving plan.

The City of Petaluma is a member of the Sourcewell Cooperative Purchasing Program (formerly National Joint Powers Alliance), which allows the City to access competitively awarded, nationally leveraged cooperative purchasing contracts. The purchase of specialized equipment provides better prices on state and national cooperative lists since local vendors do not sell this type of specialized equipment. Participating in this competitively bid and awarded statewide purchasing program complies with the Petaluma Municipal Code, Section 4.04.100 (Cooperative purchasing programs), which supports the purchases of supplies and equipment made under a cooperative purchasing program with the State, County, or other public agencies that have been competitively bid and awarded.

The following is provided as background information on the cooperative purchasing program. Sourcewell is continuously refining its Request for Proposal process to meet its members' needs, which will meet or exceed them. Sourcewell identifies its members' needs through regular outreach, advisory committees, and research on the best approaches. After member need is established, permission to develop the solicitation and procurement process is sought from its publicly elected Board of Directors. A draft solicitation is created and publicly advertised and noticed. A pre-conference is held to clarify and answer questions. If needed, addendums are issued. Proposals are date-stamped when received. A committee evaluates the proposals received by the bid closing date and time, and the findings are given to the Chief Procurement Officer.

DISCUSSION

The proposed Model BC-3 Truck-Mounted Asphalt Patcher will significantly improve the efficiency of street maintenance operations. The current truck experiences frequent breakdowns and has hindered the crew's ability to perform necessary repairs promptly. The new equipment addresses these challenges by providing better reliability and features tailored to the crew's operational needs. The new bed's design incorporates feedback from the street maintenance team, ensuring that it includes features that will streamline their work and improve safety and productivity.

An asphalt patcher is used to repair potholes, utility trenches and small asphalt projects in Petaluma. It has a 3.25 cubic yard capacity which is equivalent to 6.5 tons of asphalt and is kept hot with a radiant heater and insulated walls to keep the asphalt hot and usable all day. The truck bed will be equipped with a heated emulsion system with a wand to apply asphalt emulsion to the repair area which is required for the new asphalt to bond to the existing asphalt. The truck will be equipped with a hydraulic lift and storage area for a plate compactor, eliminating the need for heavy lifting or additional equipment. Specification can be found here: <https://pbloader.com/heavy-equipment-specifications/model-b-3/> and images can be seen here: <https://pbloader.com/products/3-4-5-yard-models/>

Under the Sourcewell Cooperative Purchasing program, the total cost for the Model BC-3 Truck-Mounted Asphalt Patcher is \$169,549.33. This pricing is based on a competitively bid contract

awarded to PB Loader Corporation under Sourcewell Contract #080521-PBL. The purchase is facilitated through their authorized distributor, Municipal Maintenance Equipment (MME), which provided the quote to the City and will coordinate procurement and installation.

The total cost for the purchase and installation of the new asphalt patcher bed is \$169,549.33. While the approved budget for this equipment was \$150,000, the remaining \$19,549.33 will be covered by the Street Operations budget, ensuring no delays in procurement.

Replacing only the truck bed, rather than the entire vehicle, is a cost-effective solution that extends the useful life of the existing 2019 F650 truck chassis, which remains in good condition. This upgrade not only enhances the efficiency of street maintenance but also plays a vital role in maintaining the City's PCI as part of the 5-Year Paving Plan. A well-maintained PCI ensures safer streets, prolongs road life, and reduces the need for more costly repairs in the future.

This purchase aligns with the City's commitment to maintaining safe and well-functioning streets, which is critical for both resident and commuter satisfaction and safety. It also represents an efficient use of City resources by extending the life of the existing truck and investing in upgraded, purpose-built equipment.

PUBLIC OUTREACH

This agenda item appeared on the City's tentative agenda document on March 3, 2025 which was a publicly noticed meeting.

COUNCIL GOAL ALIGNMENT

The purchase of the Model BC-3 Truck-Mounted Asphalt Patcher aligns with the City Council's goals to enhance community infrastructure and improve public safety. Specifically, it supports:

- **A Safe Community That Thrives:** By enabling more efficient street repairs and maintenance, this purchase helps reduce roadway hazards, improve accessibility, and ensure safer conditions for all users.
- **Environmental Legacy:** The investment in modernized equipment aligns with the City's commitment to efficient resource use and long-term sustainability in public infrastructure.
- **Economic Development and Fiscal Responsibility:** By maintaining and improving the City's Pavement Condition Index (PCI) as part of the 5-Year Paving Plan, the purchase represents a proactive approach to infrastructure maintenance, reducing costly emergency repairs and supporting economic activity through well-maintained streets.

CLIMATE ACTION/SUSTAINABILITY EFFORTS

The new asphalt patcher supports the goals outlined in the City's recently adopted **Blueprint for Climate Action** by enhancing infrastructure and minimizing waste. Key sustainability impacts include:

- **Resource Optimization:** Reusing the existing 2019 F650 truck chassis minimizes material waste and avoids the environmental impacts associated with manufacturing a new vehicle. This aligns with sentiment in the Blueprint’s “Good and Services Strategy” section which encourages expanding opportunities to reuse, fix, and share goods instead of disposing of them.
- **Pavement Longevity:** Timely and effective patching helps extend the life of existing roadways, reducing the need for more extensive repairs that require greater material and energy inputs.
- **Support for Active Transportation and Complete Streets:** The Blueprint contains a Cornerstone Action (highest priority) of AT-1: Active transportation and complete streets improvements. Well-maintained streets improve conditions for all users, including cyclists and pedestrians, aligning with the City’s goals to promote active transportation options and reduce car dependency.

ENVIRONMENTAL REVIEW

The proposed action is exempt from the requirements of the California Environmental Quality Act (CEQA) in accordance with CEQA Guidelines Section 15378(b)(5), in that purchasing an asphalt roller does not meet CEQA's definition of a “project” because the action does not have the potential for resulting in either a direct physical change in the environment or a reasonably foreseeable indirect physical change in the environment. If this action was a project, it would be exempt pursuant to CEQA Guidelines Section 15301 (Existing Facilities) as replacement and repair of existing facilities as the purchase of a roller will replace the City’s previous practice of renting a roller, which is used to repair the existing road.

FINANCIAL IMPACTS

The approved budget for this purchase was \$150,000. However, the final cost is \$169,549.33, exceeding the budget by \$19,549.33. This additional cost will be covered through the existing Street Operations Fund, which has sufficient capacity to absorb the overage without impacting other planned operations or projects. The total cost includes installation of the patcher bed on the existing 2019 F650 truck chassis.

ALTERNATIVES

The City Council could choose not to approve the purchase of the Model BC-3 Truck-Mounted Asphalt Patcher. However, this would leave the Streets Division without an efficient and reliable tool to address asphalt patching needs. The existing patcher has exceeded its life expectancy and has already been rebuilt, increasing the risk of equipment failure and higher repair costs.

ATTACHMENTS

1. Resolution
2. Quote