



Report to City Council

TO: Mayor and City Council

FROM: Melissa Walker, Public Works Director/City Engineer

AGENDA DATE: April 1, 2025

TITLE: FIVE-YEAR LOOK-AHEAD PAVEMENT MANAGEMENT PROGRAM PLAN (REPORT OF: PUBLIC WORKS)

TITLE SUMMARY: Approval of Recommended Five-Year Look-Ahead Pavement Management Program Plan for Fiscal Years 2025-2026 to 2029-2030

Recommendation(s)

That the City Council:

1. Approve the Recommended Five-Year Look-Ahead Pavement Management Program Plan for Fiscal Years 2025-2026 to 2029-2030; and
2. Authorize the Public Works Director/City Engineer to make any minor adjustments necessary for finalizing the Five-Year Look-Ahead Pavement Management Program Plan for Fiscal Years 2025-2026 to 2029-2030.

SUMMARY

This report recommends approval of the Five-year Look-ahead Pavement Management Program (5-Year PMP) Plan which identifies roadway pavement maintenance priorities for the Fiscal Years 2025-2026 to 2029-2030. The City has been utilizing a very proactive approach to maintaining roads by including in the plan both preventive and corrective pavement repair practices that are cost-effective in addressing a wide range of pavement conditions to extend the pavement life and enhance safety.

DISCUSSION

The City's Street network consists of approximately 510 centerline miles of roadway within 51.68 square mile boundary. From 2008 until 2022, the available budget for

pavement repairs was very limited which resulted in deferred maintenance estimated at over \$225 million. Recognizing the need for immediate pavement repairs, the City Council approved a historic \$50 million budget in 2022 and another \$20 million in 2023 for pavement rehabilitation and preservation work in efforts to mitigate portion of the deferred pavement repairs and maintenance. However, there still is a significant amount of deferred maintenance needs, and streets are to be prioritized for pavement rehabilitation with a current limited budget of approximately \$5 million. The estimated budget necessary for maintaining the street network is \$10 million to \$12 million annually.

There are different factors used in prioritizing streets for including in the 5-Year PMP Plan, Including:

1. Pavement Condition Index (PCI), for preventative and corrective maintenance.
2. Average Daily Traffic (ADT) counts.
3. Roadway segments with extensive City Maintenance staff activities.
4. Known forthcoming utility company work and approved development projects.
5. Other City Capital Improvement Program (CIP) pavement rehabilitation projects.

Heavy consideration is given to street segment PCI ratings and segments with extensive City Maintenance staff activities (i.e., pothole repairs). Additionally, in order to gain an economy of scale from bidding contractors, streets are grouped by proximity as best as possible to minimize construction costs. The 5-Year PMP Plan is intended to provide a focus for the limited funding for the next five years. It is not intended to be a rigid list of street segments that cannot be adjusted. If necessary, staff will bring forward any changes to the Plan for Council's review at its future meetings.

The goal of the 5-Year PMP Plan is to transition costly corrective maintenance activities to less-costly preventative maintenance activities. This is a recommended approach that has been utilized by most agencies when it comes to street pavement maintenance. Including preventative work (e.g., crack seal and slurry seal), not just corrective work, will help preserve and extend the useful life of the City's largest asset at a lower cost. Additionally, with the inclusion of preventative maintenance work, City Maintenance staff resources can be redistributed to higher cost-benefit ratio activities (e.g., asphalt patchwork and crack sealing).

Approval of the recommended actions would support Objective 4 of the Momentum MoVal Strategic Plan: "Manage and maximize Moreno Valley's public Infrastructure to ensure an excellent quality of life, develop and implement innovative, cost-effective infrastructure maintenance programs, public facilities management strategies, and capital improvement programming and project delivery."

ALTERNATIVES

1. Approve the recommended actions as presented in this staff report. This alternative will provide staff with a 5-Year PMP Plan for Fiscal Years 2025-26 to 2029-30 with set priorities for roadway repairs and maintenance. *Staff recommends this alternative.*

2. Do not approve the recommended actions as presented in this staff report and provide alternate directions to staff. This alternative may delay the roadway maintenance efforts and allow for City streets to continue deteriorating and result in higher repair costs. *Staff does not recommend this alternative.*

FISCAL IMPACT

There is no fiscal impact with the recommended action items.

NOTIFICATION

All utilities, adjacent property owners, business owners, law enforcement, fire department, and other emergency services responders in the areas affected by the pavement rehabilitation will be notified in a timely manner prior to the start of construction work.

PREPARATION OF STAFF REPORT

Prepared By:
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Capital Projects Principal Engineer

Department Head Approval:
Melissa Walker, P.E.
Public Works Director/City Engineer

Concurred By:
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CITY COUNCIL GOALS

Community Image, Neighborhood Pride and Cleanliness: Promote a sense of community pride and foster an excellent image about our City by developing and executing programs which will result in quality development, enhanced neighborhood preservation efforts, including home rehabilitation and neighborhood restoration.

Public Facilities and Capital Projects: Ensure that needed public facilities, roadway improvements, and other infrastructure improvements are constructed and maintained.

Public Safety: Provide a safe and secure environment for people and property in the community, control the number and severity of fire and hazardous material incidents, and provide protection for citizens who live, work and visit the City of Moreno Valley.

CITY COUNCIL STRATEGIC PRIORITIES

1. Economic Development
2. Public Safety
3. Library
4. Infrastructure
5. Beautification, Community Engagement, and Quality of Life
6. Youth Programs

Report Approval Details

Document Title:	STAFFREPORT_PW_CP_5_YEAR_LOOKAHEAD_PMP_PLAN.docx
Attachments:	- 5-Year PMP Plan.pdf
Final Approval Date:	Mar 25, 2025

This report and all of its attachments were approved and signed as outlined below:

Melissa Walker

Sean Kelleher

Natalia Lopez

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