



STAFF REPORT
6/12/2024

TO: Honorable Mayor and City Council Members

FROM: Andrew Simmons, P.E., City Engineer

SUBJECT: Adopt Resolution 2024-20, a Resolution of the City Council of the City of Coachella, California, adopting a pavement management report dated May 2024.

STAFF RECOMMENDATION:

Authorize the City Manager to adopt Resolution 2024-20, a Resolution of the City Council of the City of Coachella, California, adopting a pavement management report dated May 2024.

BACKGROUND:

Staff published a request for qualifications for on-call engineering services and received 21 responses. On January 25, 2023 the City Council authorized the City Manager to qualify and execute Professional Service Agreements for on-call engineering services with eight (8) firms, including Michael Baker. The qualified firms were evaluated and Michael Baker was selected based on certified and advanced pavement data collection technologies and capability to provide deliverables efficiently.

The City's Pavement Management System (PMS) was last updated in 2016. An updated report is needed to account for street improvements that have been completed since then and the wear and tear over the years. The PMS is utilized for pavement management decisions when planning and budgeting for future street projects. The deliverables included a pavement condition database, street network GIS map and a Pavement Management Report.

DISCUSSION/ANALYSIS:

The citywide pavement condition evaluation was conducted in November 2023, and the results show that the average Pavement Condition Index (PCI) of the City's roads is 63.4 out of 100, corresponding to a "Fair" condition rating. The 10-year investment scenario forecasting analyses suggest that the City would need to invest an average of \$4.6 million annually to maintain a network average PCI of 63.4.

This report includes details about the methodology used for pavement evaluations, pavement management system implementation details, and the results of six 10-year investment scenario forecasting analyses that the City can use to prepare informed pavement maintenance and rehabilitation projects.

FISCAL IMPACT:

No fiscal impact to FY 22/23 budget. Funds have been budgeted for on-call professional services and costs are within budget.

ATTACHMENTS:

1. Resolution 2024-20
2. Final Pavement Management Report