



**City of Santa Ana**  
**20 Civic Center Plaza, Santa Ana, CA 92701**  
**Staff Report**  
**October 3, 2023**

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**TOPIC:** Amend Agreement for On-Call Pavement Management Program and Geographic Information Systems Professional Services

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**AGENDA TITLE**

Approve Second Amendment with Bucknam Infrastructure Group, Inc. to Extend the Agreement Term and Increase the Total Agreement Amount by \$100,000 for Pavement Management Program and Geographic Information System Professional Services (Non-General Fund) (Project 24-6898)

**RECOMMENDED ACTION**

Authorize the City Manager to execute a second amendment to the agreement with Bucknam Infrastructure Group, Inc. to extend the agreement term to expire October 18, 2024, and increase the total compensation by \$100,000, subject to non-substantive changes approved by the City Manager and City Attorney.

**GOVERNMENT CODE §84308 APPLIES:** Yes

**DISCUSSION**

The City's Public Works Agency (PWA) is responsible for the maintenance, rehabilitation and reconstruction of over 400 miles of streets. The Pavement Management Program (PMP) is an essential tool in determining the condition, expected life, recommended improvements, and associated costs of the City's pavement assets.

This program enables the City to prioritize pavement rehabilitation projects where they are most cost effective. In addition, an updated PMP is required for the City to remain eligible for Orange County Transportation Authority (OCTA) Measure M2 funding programs and to qualify for a reduced local match requirement for using those funds.

On October 18, 2021, at the conclusion of a request for proposal process, City Council approved the award of a contract to Bucknam Infrastructure Group, Inc. to perform services necessary to update the City's PMP and assure the City maintains maximum funding eligibility. The Public Works Agency is requesting an amendment to the agreement to increase compensation to perform additional related smart technology

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services. These services will include Geographic Information Systems (GIS) mapping and database updates, the implementation of a new PMP web-portal that provides robust and instantaneous information for PWA engineers to make better street repair recommendations, and the integration of a cloud-based artificial intelligence tool that will ensure that all street segmentation is up to date and that quantities are verified, accurate, and reliable. Using this technology, necessary quality control measurements can be implemented and the City's PMP street database can be more effectively maintained over time.

Approval of the Recommended Action will allow PWA to refine and substantiate the City's street GIS data, necessary Pavement Management Program data, and support required reporting, as well as citywide mapping, forecasting, and other data analysis and public requests.

**FISCAL IMPACT**

Funding for the requested increase amount of \$100,000 is budgeted and available in the approved Fiscal Year 2023-24 Capital Improvement Program (Project #24-6898), from the Measure M2 Local Fair Share Program (Account No.03217662-66220), for estimated expenditure below. Any remaining balances not expended at the end of the fiscal year will be presented to City Council for approval of carryovers to FY 2024-25.

<b>Fiscal Year</b>	<b>Accounting Unit – Account #</b>	<b>Fund Description</b>	<b>Accounting Unit, Account Description</b>	<b>Amount</b>
2023-24	03217662-66220	Measure M-Street Construction	Measure M2 Local Fairshare St - Improvements Other than Buildings	\$100,000
<b>TOTAL</b>				<b>\$100,000</b>

**EXHIBIT(S)**

1. Second Amendment with Bucknam Infrastructure Group, Inc.

Submitted By: Nabil Saba, P.E., Executive Director of Public Works

Approved By: Kristine Ridge, City Manager