



## PRESENTATIONS

### City of San Bernardino Request for Council Action

**Date:** April 16, 2025

**To:** Honorable Mayor and City Council Members

**From:** Bill Gallardo, Interim City Manager;  
Lynn Merrill, Director of Public Works

**Department:** Public Works

**Subject:** **Pavement Management Plan and Asset Inventory  
Program Update Presentation (All Wards)**

#### **Recommendation:**

It is recommended that the Mayor and City Council of the City of San Bernardino California; receive and file the presentation by Nicols Consulting Engineers on the Pavement Management Plan (PMP) process and work plan.

#### **Executive Summary**

Nicols Consulting Engineers, the contractor awarded the contract for the City's Pavement Management Plan (PMP), will present the details of the PMP process, including the methodology for evaluating pavement conditions, asset inventory, and future rehabilitation planning. The PMP is an essential tool for systematically assessing and improving the City's road network. The presentation will outline the work plan, data collection methods, expected outcomes, and next steps.

#### **Background**

The City of San Bernardino spans approximately 62.4 square miles with 650 centerline miles of paved surfaces. Maintaining and improving the pavement network is critical for public safety, economic development, and infrastructure longevity. The City awarded a contract to Nicols Consulting Engineers to develop a Pavement Management Plan, which includes a comprehensive pavement condition assessment, asset inventory, and a long-term rehabilitation strategy.

The PMP will provide a data-driven approach to prioritize pavement maintenance and rehabilitation projects over the next several years. The assessment will also include sidewalks, traffic signs, curb ramps, pavement markings, and other roadway assets. On May 15, 2024, the Mayor and City Council awarded the contract for the Pavement Management Program (PMP) and Asset Inventory Program to Nichols Consulting

Engineers (NCE). The PMP and Asset Inventory Program are integral to maintaining and improving the City's pavement infrastructure, ensuring long-term sustainability and efficient resource allocation.

### **Discussion**

Nicols Consulting Engineers is leading the PMP process and conducting the pavement assessment work. The firm has extensive experience in pavement management, asset inventory, and capital improvement planning.

The PMP will consist of automated and manual pavement condition assessments using industry-standard protocols. A detailed inventory of roadside assets, including signs, sidewalks, curb ramps, and pavement striping, will be conducted. A seven-year pavement rehabilitation plan will be developed, incorporating cost estimates and project prioritization. Work zone analysis will be performed to aid in planning for future capital improvement projects. The collected data will be integrated into the City's Geographic Information System (GIS) for long-term use.

The Pavement Management Program (PMP) is currently underway, with data collection in progress. The analysis phase is expected to take approximately four months, with the final report and recommendations anticipated by August 2025.

This PMP is a crucial tool for the City to make informed, data-driven decisions about pavement maintenance and rehabilitation. It will ensure that available funding is used effectively to extend pavement life and improve roadway safety. The PMP also supports the City's efforts to secure state and federal infrastructure funding.

The assessment will be conducted through a combination of automated pavement condition surveys, manual inspections, and GIS-based data collection. Nicols Consulting Engineers will use advanced technology to assess 100% of the roadway network, providing a comprehensive evaluation of pavement conditions and infrastructure assets. The findings will inform project prioritization and budgeting.

### **2021-2025 Strategic Targets and Goals**

Authorizing this agreement aligns with Key Target No. 3: Improved Quality of Life. The completion of this project will improve safety, accessibility, and functionality of the community center's parking facilities, benefiting all visitors.

### **Fiscal Impact**

There is no immediate fiscal impact associated with this presentation. The PMP is funded through the approved Capital Improvement Program budget. Future funding recommendations for pavement rehabilitation projects will be based on the results of the PMP.

**Conclusion**

It is recommended that the Mayor and City Council of the City of San Bernardino California; receive and file the presentation by Nicols Consulting Engineers on the Pavement Management Plan (PMP) process and work plan.

**Attachments**

Attachment 1	Agreement with Nicols Consulting Engineers
Attachment 2	PowerPoint Presentation

**Ward:**

All Wards

**Synopsis of Previous Council Actions:**

June 1, 2022	The Mayor and City Council of the City of San Bernardino adopted Resolution No. 2022-102 approving and adopting the City's Annual Operating Budgets and Capital Improvement Plan (CIP) for Fiscal Year 2023 and Fiscal Year 2024
June 1, 2022	The Mayor and City Council of the City of San Bernardino adopted Resolution No. 2023-155 approving the Five-Year Capital Improvement Plan FY 2023/24 to FY 2027/28 for Measure I Local Expenditures
May 15, 2024	Award of Professional Services Agreement for Pavement Management Program and Asset Inventory (All Wards)