



CITY OF REDLANDS  
MUNICIPAL UTILITIES/PUBLIC WORKS COMMISSION

**APPROVED**  
**@ MUPWC'S**  
**meeting on**  
**October 5 2020**

SPECIAL MEETING MINUTES

Wednesday, March 11, 2020, at 4:00 pm  
Civic Center, 35 Cajon Street, Suite 15A  
Municipal Utilities & Engineering Department Conference Room

A. Call to Order and Roll Call

The special meeting of the Municipal Utilities/Public Works Commission (Commission) was called to order by Commissioner Landis at 4:03 pm with a full quorum. Below shows Commissioners, City staff and presenters or guests present.

Commissioners present at roll call were Tim Landis, Brad Thoms, Norm Miner, Adekunle Ojo, and Richard Hernandez, with Steve Stockton initially marked excused and Chandrasekar 'CV' Venkatraman anticipated to arrive late both arriving a few minutes following roll call; City staff present were City Manager Charlie Duggan, Jr., Municipal Utilities and Engineering Director Rudy Chow, Engineering Manager Goutam Dobe, Construction Manager Kyle Wagner, Senior Project Manager Ross Wittman, and Senior Administrative Assistant Jane Weathers; and presenter Peter Bucknam with Bucknam Infrastructure Group, Inc. and guest Dennis Bell.

B. Public Comment (none)

C. New Business

a. Introduction of City Manager Charles M. Duggan, Jr.

Chairperson Landis welcomed City Manager Duggan who shared his background and journey to the City of Redlands with the group. City Manager Duggan extended his appreciation to staff and to the Commissioners for the service they provide to and for the city. A brief roundtable introduction from each commissioner followed.

b. Introduction of Municipal Utilities and Engineering Director Rudolph S. Chow, P.E. Mr. Chow was welcomed by Chairperson Landis on behalf of the Commission and shared his background and experience.

c. Discussion and Possible Recommendation to City Council following Presentation of the Citywide Pavement Management Plan Update provide by Buckman Infrastructure Group, Inc.

Chairperson introduced Mr. Peter Buckman, consultant on the City's Pavement Management Plan. Mr. Buckman provided a brief introduction and background of himself before diving into the study that was completed in preparation for the update to

the City's Citywide Pavement Management Plan (PMP). Mr. Bucknam presented via a PowerPoint presentation a historic overview that lapsed from 2010-11 when the last study was done as a precursor to the Pavement Accelerated Repair Implementation Strategy, or PARIS, to the current fiscal year 2019-20 (which, moving forward, will be referred to as PMP). Funding, asset management, data retrieval, and correlating past information with current data was discussed. For the data retrieval, Mr. Bucknam explained the following are typical factors that impact a pavement management program: live traffic volumes, static dynamic loads, weather events (including rare ones), pavement types, asphalt age, water runoff, overwatering, soil failure, base failure, and lack of funding. He continued with an overview of the software utilized, data collected and variables identified that ultimately provide an assessment of pavement needs: stop-gap preventative maintenance, deferred maintenance, and reconstruction (minimal to total).

Significant discussion & Q & A ensued concerning quality and quantity of data, return on investment, types of distresses, categories and benchmarks of very good to very poor. With 75% of the City's system in preventative maintenance state, and with 17-26% eligible for overlay or total reconstruction/rehabilitation, the City could easily manage over the next 5 years. Currently the City's PCI for its arterial system is 83 and local system is 80. Mr. Bucknam added that keeping a system above 80 is ideal and sustainable. Dipping lower than that will result in more deferred and overlay maintenance. If the City continues the same path for the next 5 years the PCI will increase to 84.2, overall a very good condition for the City to manage.

**A motion was made by Commissioner Miner to recommend (and as recommended by staff and the City's consultant, Bucknam Infrastructure Group, Inc.) to City Council approval of the updated Pavement Management Program (PMP 2020) report and authorize staff to utilize the report as a guideline to prioritize and schedule maintenance and rehabilitation of the City's roadway system. The motion was seconded by Commissioner CV and approved unanimously.**

Following the motion approval, staff was asked to update MUPWC in a year, specifically to ensure the \$25 million funding level for PMP is maintained over the next 5 years.

D. Public Comment (none)

E. Adjournment

The meeting was adjourned at 5:30 pm with the next regular meeting scheduled for April 6.

*Jane Weathers*

Jane Weathers, Senior Administrative Assistant