



City of Columbia, Missouri

Meeting Minutes

City Council

Monday, March 6, 2017
6:00 PM

Pre-Council

Conference Room
1A/1B
Columbia City Hall
701 E. Broadway

I. CALL TO ORDER

The meeting was called to order at approximately 6:04 pm.

Present: 7 - Ruffin, Trapp, Thomas, Nausner, Peters, Treece, and Skala

Pavement Management Program

Attachments: [Pavement Management presentation](#)

Dave Nichols, Public Works Director, stated that last year staff brought forth a report on this, it has since been presented to the Infrastructure Task Force and this would be an overview of the Pavement Management Program.

Richard Stone, Engineering Manager, stated that the citizen survey showed that when we changed our approach, survey data indicated that we are making progress in the area of "satisfaction of the overall condition of city streets". Pavement Management is about using the right treatment for the right road at the right time. Waiting until a road fails drives up repair and maintenance costs significantly. He reviewed how projects are prioritized which includes field observations, PASER rating system, recommendations from Street Supervisors, budget constraints, engineering judgment, and other planned projects. Mr. Stone explained that the PASER rating system was developed in Wisconsin years ago, and is a simple 1-10 rating scale. It has limitations, but provides an economical approach which works well for our community.

Councilperson Nausner asked if the process starts with a constituent complaint or other ways. Mr. Stone stated that there is a timeline for roads to be surveyed every three years. There is also an internal server to share information among departments to assist various departments and divisions coordinate projects. He reviewed a map of streets and explained how they rank on the PASER system. He reviewed the key outcomes including the transfer of information to the public in a more timely manner; PASER ratings for collectors and arterial completed on a 2 year basis; and PASER ratings for residential streets now completed on a three year basis. He explained that streets are added through annexation, are accepted for maintenance from private developments, are taken over from Boone County or MoDOT or are constructed by the City's CIP process.

He reviewed the distinction between lane miles versus centerline miles. Currently there are approximately 1,376 lane miles and 508 centerline miles. Bridges are a short section of roadway that must also be maintained, but is more costly to do so. MoDOT inspects our bridges every two years. A bridge maintenance program contract with the University of Missouri will potentially be passed by Council in March 2017. Bridges utilize several funding sources. Our bridges have been maintained well historically, some structures are nearing their end of life and the 2005 Capital Projects replaced many of the more

problematic scenarios, with just a few remaining.

Mr. Stone explained that we are underfunding pavement management by about \$1.5 million. Current needs are estimated at \$4.7 million. Most programs operate at 50-70 cents per square yard of the entire system. The 50 cent rate is what we use for cost estimation and does not include labor. We have about 9,687,000 square yards. With \$4.75 million, we could hit every street about once every ten years.

Mr. Stone reviewed some different road preservation techniques such as reclaimer, onyx or other fog sealers, chip and seal, asphalt overlays, mill and overlay, and patching. He discussed funding and the utilization of MoDOT Transportation Program funds for major maintenance, which are no longer available. The 2005 ballot initiative projects rebuilt several problematic streets and the 2015 ballot initiative projects included some funding for major maintenance. Ms. Nauser asked what kind of staff would be needed to get more streets done. Mr. Stone stated that we could contract out for some work. We currently have 44 in the Street Division and we do the best we can with those resources. He continued to explain that there is currently a two year compliance period for developments, during that time issues cited by the city are fixed. Specifications have been changed for better materials and quality and we are getting better compliance. Councilperson Thomas requested an FAQ web link to help explain the benefits of the chip seal process.

Mr. Stone explained that they are examining everything they could do to reduce tied up labor and expenses including: aggressively pursuing ways to reduce mowing, xeriscape, native pollinator areas, snow removal options, etc.

This will be presented to Council as a report at the March 20th Council meeting.

II. ALL OTHER ITEMS THE COUNCIL MAY WISH TO DISCUSS

None.

III. ADJOURNMENT

The meeting adjourned at approximately 6:54 pm.