

## Sustainability and Economic Vitality

Council Committee Meeting Minutes  
*Virtual and In-Person Meeting in City Council Chambers*  
31 East 5<sup>th</sup> Street  
December 12, 2022  
2:00 pm  
Members of the City Council will attend in-person

**1. CALL TO ORDER/ ROLL CALL**

*Meeting called to order by Councilmember Chin at 2:03 pm with both members present.*

**2. REVIEW MEETING MINUTES**

A. November 7<sup>th</sup>, 2022 meeting

*November 7<sup>th</sup>, 2022 meeting minutes were approved unanimously.*

**3. PUBLIC COMMENTS** - The committee welcomes public comment. According to the Arizona Open Meeting Law, the Committee may only discuss matters listed on the agenda. Matters brought up by the public under public appearances that are not listed on the agenda cannot be discussed by the Committee. A 3-minute limit per person will be in effect.

A. Comment Cards Submitted

*No comment cards were received by the committee.*

**4. COMMITTEE SESSION ITEMS**

A. Current Items and Updates

**1. SEV FY 22/23 Work Plan**

*Councilmember Chin discussed her and the Vice Mayor's separate approval of the work plan that committee staff Nikki Amberg and Tonya Gray compiled from input from city staff. Both members approved the plan without amendment and forwarded it for full City Council review during the January 12, 2023 Work Study Session.*

**2. Streetcar Project and Fare Update**

*Interim Mayor/Council Chief of Staff and Deputy Transit and Engineering Director Eric Iwersen presented on the Tempe Streetcar's mission and stats. The streetcar has been successful so far. However, since the city only has 5 out of the 6 trains it is hoping to use for it, thus the frequency is a bit slower than preferred. The streetcar will begin fare collection of \$1 in May 2023 after a year of free rides as had been negotiated by Valley Metro Board following Tempe City Council direction. The fare collection will be important revenue for Tempe Transit Fund & system expenses. Next steps include communicating with Valley Metro on public messaging, prepping for collection of fares and conducting a study about what expansion may look like. Vice Mayor Adams inquired about East-West direction on Rio Salado and Councilmember Chin inquired about traffic mitigation and drivability.*

**3. Cool Pavement**

*Ed Bond from Engineering and Transportation presented on what Cool Pavement is (seal coat designed to reflect heat and mitigate urban heat island effect) and how a pilot program to test its effectiveness was launched in Phoenix in consultation with CoolSeal by GuardTop and the ASU*

*School of Sustainability. The results yielded surface temperatures of 10-15 degrees cooler on average. Vice Mayor Adams inquired about the percentage of like/dislike respectively among residents surveyed by the ASU School of Sustainability. City staff recommends future installations of CoolSeal and Asphalt Rejuvenator Plus TI technology. Projected costs (respectively) are about \$5.00 and \$3.50 per square yard. Funding sources could possibly include Federal grants (Healthy Streets Program) plus local sources.*

*Professor Jennifer Vanos from ASU joined to share more statistics about surface temperature and reflectivity based on what they have seen in using CoolSeal as well as placement and guideline recommendations for the future. VM Adams inquired about the pavement life expectancy and its effects on the city's Pavement Quality Index program. Councilmember Chin asked about CoolSeal in Phoenix that degraded this past weekend because of rainfall. Davis Koleas, the Sustainability Director for CoolSeal by GuardTop answered that CoolSeal went over a previous product that it did not adhere to. He explained that it was an isolated incident.*

*Vice Mayor Adams asked how much the CoolSeal product would cost per mile. Davis said \$5/square yard. He estimated that per mile would be \$40 to \$50 in soft cost. His company is working with manufacturers to require less labor in hopes to drive the cost down per mile. As more the products role out, the better the costs will be.*

*Vice Mayor Adams said we would be saving about \$960,000 long term because it lasts longer than what been traditionally used. She asked if Tempe got a federal grant, how would that help? Ed answered that the federal grant would pay for 80% of the project, requiring just 20% come from local funds. He said they are waiting for the federal grant to roll out, but they are not aware when the exact time is. Vice Mayor Adams asked for an update when the federal grant is available.*

*Councilmember Chin suggested that Tempe work with Phoenix to apply for the grant, showing that it is a regional project, which should improve our chances of securing the grant. She then thanked everyone, saying that it is very relevant and very new product and is looking forward to updates.*

**B. New Items for Consideration**

**1. None**

*Councilmember Chin read current items coming up: IGCC update, Rio Reimagined and Brownfield, Downtown retail study. Vice Mayor Adams asked for an update on Cool Pavement in two months.*

**C. Announcements**

*There were no new announcements.*

**5. NEXT MEETING DATE:**

*Councilmember Chin announced the next meeting would be on Wednesday, Jan 11, 2023 at 3 pm.*

**6. ADJOURN**

*Councilmember Chin adjourned the meeting at 3:08 pm.*