

## Sustainability and Economic Vitality

Council Committee Meeting Minutes  
*Virtual and In-Person Meeting in City Council Chambers*  
31 East 5<sup>th</sup> Street, Tempe, AZ 85281

March 22, 2023

3 p.m.

Members of the City Council will attend in person.

Ways to connect:

1. On your computer/tablet (*Recommended*)
  - a. Click this link <https://www.tempe.gov/SEV> or copy and paste into your browser
  - b. Click "Join the Virtual Meeting"
  - c. Enter "SEV" in the prompt "enter the meeting password"
2. On your phone – Dial in +1 408-418-9388; access code: 2492 352 7966

Register to speak during Public Comments agenda item:

At least 1 hour prior to the start of the meeting you must submit a public comment card by clicking this [link](#).

For further accommodations or information please contact, Nikki Amberg at (602) 885-7482 or email [Nikki\\_Amberg@tempe.gov](mailto:Nikki_Amberg@tempe.gov) or Tonya Gray at (480) 431-2569 or email [Tonya\\_Gray@tempe.gov](mailto:Tonya_Gray@tempe.gov).

***Members of the public may attend the meeting in person or virtually through Cisco Webex Webinars or view the meeting recording by visiting [www.tempe.gov/SEV](http://www.tempe.gov/SEV) for more information.***

### 1. CALL TO ORDER/ ROLL CALL

Vice Mayor Adams called the meeting to order at 3:08 p.m.

### 2. REVIEW MEETING MINUTES

A. February 15, 2023

*CM Chin moved to approve the minutes from Feb. 15.*

*Vice Mayor Adams seconded the motion.*

*February 15, 2023 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  
*None were submitted.*

### 4. COMMITTEE SESSION ITEMS

A. Current Items and Updates

1. Cool Pavement Update

- Presentation from City of Tempe Engineering and Transportation Department
- Jennifer Vanos, Associate Professor at Arizona State University available to answer questions
- Davis Koleas, Sustainability Director at CoolSeal by GuardTop available to answer questions

*Isaac Chavira presented with Ed Bond from the Tempe Engineering and Transportation Department. Cool pavement is a seal coat that decreases the surface temperature of pavement. City of Phoenix launched a pilot cool pavement program in 2020. Phoenix discovered surface temperatures decreased throughout the day. Air temperature was also lower in the day and the evening. Residents had diverging opinions on visual appeal and aesthetics. Phoenix installed a pavement that is light and gray. GuardTop has revised the product's color.*

*City of Tucson installed cool pavement in 2021. It's a different product than what is in Phoenix. Results of temperature changes have not been released, but we expect temperature changes to be like what Phoenix experienced.*

*Tempe will install GuardTop at Jaycee Park in Spring 2024. Tempe will install Rejuvenator PlusTI product on Hardy Drive between Baseline Road and Southern Avenue. There are anticipated federal funding opportunities to cover most installation costs. GuardTop is \$5 per square yard. PlusTI by PaveTech product will cost \$3.50 per square yard.*

*The purpose of these products is to reduce surface temperatures. Lighter colors reflect heat, while darker colors absorb the heat. ASU Professor Jennifer Vanos, who led a study of use of the product during the pilot with City of Phoenix, discussed the reflectivity of these products. In her research with Phoenix, there are no conclusive results on the heat island effect, but the Surface Reflection Index (SRI) is decreasing.*

*In 2020, Phoenix engaged with residents that had cool pavement installed. One hundred residents replied. Fifty-three were satisfied and 24 residents were unsatisfied. Reasons for dissatisfaction were glare appearance, like increased tire marks. Prof. Vanos said that there will be a return on investment within five to seven years of installation, but it's a hard question for her to answer.*

*Davis Koleas addressed a couple items. Their product was used to go above a product that had been previously installed, but failed, in Phoenix. There was an issue with adhesion. With reflectivity, there was a darker color created to resolve these matters. 2023 program with the City of Phoenix will begin in two weeks and he will share future application locations in the future.*

2. State Farm Mutual Automobile Insurance Century of Good grant

- Presentation from City of Tempe Office of Sustainability and Resilience  
*Brianne Fisher from the Sustainability and Resilience Office presented. In early 2022, State Farm's Environmental and Sustainability Office met with City of Tempe. They wanted to celebrate their 100<sup>th</sup> anniversary and in June 2022, they awarded the City of Tempe \$500,000 for some specific programming. This funding is going to greening schools and supporting the EnVision resiliency hub. Youth in Tempe want more beautiful campuses and they want to take part in making a difference with planting trees. Planting 50 trees at Connolly Middle School and will also fund maintenance at McClintock High School.*

*Future projects will take place at Thew Elementary, Spracale Elementary, Shamley Elementary, and Tempe High.*

*EnVision funding and State Farm wants to support resilient energy hubs in Tempe. Current opportunities at EnVision Tempe at Dorsey and Apache include an ice machine, a commercial kitchen, and external beautification opportunities. This will all require community*

*engagement in the fall.*

*Sustainability and Resilience Office has brought in more than \$2.5 million in grants with various foundations and private entities.*

*CM Chin recognized all the hard work that the SRO has put in to build partnerships and make a difference in achieving the City of Tempe's goals. Education programming should also be noted.*

*Vice Mayor Adams said she appreciated the department's hard work and is also grateful for State Farm's \$500,000 contributions. It's a very exciting program.*

B. New Items for Consideration

1. Presentation Proposals for Future Council Committee Meetings

*CM Chin would like to invite the Economic Development team to the next meeting to get an update on Innovation Hubs or anything other topics of interest.*

C. Announcements

*CM Chin had no announcements*

*Vice Mayor Adams expressed thanks for all the work everyone is doing to make a difference as well as all the hard work and dedication to these causes.*

5. **NEXT MEETING DATE:**

*There will be no April Meeting. See [tempe.gov/SEV](http://tempe.gov/SEV) for future meeting dates.*

6. **ADJOURN**

*Vice Mayor Adams adjourned the meeting at **4:08 p.m.***