

PUBLIC MEETING AGENDA



Sustainability Commission

MEETING DATE

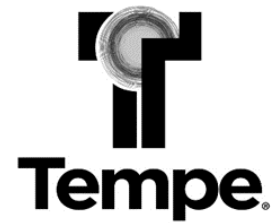
Wednesday, February 12, 2020
4:30 p.m.

MEETING LOCATION

Engineering & Transportation Conference Room
31 E. 5th Street, City Hall, Garden Level
Tempe, Arizona

AGENDA ITEM	PRESENTER	ACTION or INFORMATION
1. Public Appearances The Sustainability Commission welcomes public comment for items listed on this agenda. There is a <i>three-minute time limit</i> per citizen.	Kendon Jung, Commission Chair (4:30 – 4:33 pm)	Information
2. Approval of Meeting Minutes The Commission will be asked to review and approve meeting minutes from the January 13, 2020 meeting.	Kendon Jung, Commission Chair (4:33 – 4:35 pm)	Action
3. Tempe-Mesa Streetcar Feasibility Study Staff will provide updates.	Jordan Brackett, Valley Metro (4:35 – 4:55 pm)	Information
4. Climate Action Plan 2021 Engagement Staff will provide updates.	Braden Kay, Sustainability Director (4:55 – 5:10 pm)	Information
5. Long-term Sustainability Plan Integration Staff will provide updates.	Braden Kay, Sustainability Director (5:10 – 5:20 pm)	Information
6. Urban Core Master Plan Staff will provide updates.	Braden Kay, Sustainability Director (5:20 – 5:30 pm)	Action
7. Sustainability Awards Staff will provide updates.	Braden Kay, Sustainability Director (5:30 – 5:45 pm)	Action
8. Climate Action Plan – Highlight Actions Check-In Report-out on goals and strategies for workgroups.	Kendon Jung, Commission Chair (5:45 – 6:05 pm)	Information
9. Climate Action Budget Acceleration Staff will provide updates.	Braden Kay, Sustainability Director (6:05 – 6:15 pm)	Action
10. Commissioner Outreach Chair will provide updates.	Kendon Jung, Commission Chair (6:15 – 6:20 pm)	Action
11. Housekeeping Items	Kendon Jung, Commission Chair (6:20 – 6:25 pm)	Action
12. Future Agenda Items Commission may request future agenda items.	Kendon Jung, Commission Chair (6:25 – 6:30 pm)	Information

According to the Arizona Open Meeting Law, the Sustainability Commission may only discuss matters listed on the agenda. The City of Tempe endeavors to make all public meetings accessible to persons with disabilities. With 48 hours advance notice, special assistance is available at public meetings for sight and/or hearing-impaired persons. Please call 350-2775 (voice) or 350-8400 (TDD) to request an accommodation to participate in a public meeting.



Minutes City of Tempe Sustainability Commission January 13, 2020

Minutes of the Tempe Sustainability Commission meeting held on Monday, January 13, 2020, 4:30 p.m., at the Engineering & Transportation Conference Room, City Hall, 31 E. 5th Street, Tempe, Arizona.

(MEMBERS) Present:

Ryan Mores (Vice Chair)
Barbie Burke
Stephanie Milam-Edwards
Katja Brundiers
Sukki Jahnke

Serita Sulzman
John Kane
Gretchen Reinhardt
Steven Russell

(MEMBERS) Absent:

Kendon Jung (Chair)

City Staff Present:

Braden Kay, Sustainability Director
Grace DelMonte Kelly, Energy Management Coordinator

Guests Present:

Steve King, Resident
Liz Pacheco, Resident
Bryan Chau, Resident

Vice Chair Mores called the meeting to order at 4:35 p.m.

Agenda Item 1 – Public Appearance

Vice Chair Mores asked the guests to introduce themselves. Steve King asked about the plan for green areas and parks. He said community gardens could be a part of the plan. Liz Pacheco said she works for a solar company and has, on her own, started a project that reuses plastic grocery bags to make mats and is also spearheading an initiative to reuse water bottles. There is a sticker she provides that you can scan to see how many bottles have been diverted from the landfill.

Agenda Item 2 – Approval of Meeting Minutes

Vice Chair Mores introduced the minutes of the December 16, 2019 meeting. Commissioner Russell made a motion to approve the minutes. Commissioner Reinhardt seconded.

Motion: Commissioner Russell

Second: Commissioner Reinhardt

Decision: Approved 9-0

Voted to Approve:

Ryan Mores (Vice Chair)
Barbie Burke
Stephanie Milam-Edwards
Katja Brundiars
Sukki Jahnke
Serita Sulzman
John Kane
Gretchen Reinhardt
Steven Russell

Agenda Item 3 – Parks and Recreation Masterplan

Deputy Community Services Director Craig Hayton said we set up guiding principles early on in the process. We are in the listening phase of the Parks and Rec Masterplan process. He will talk about planned outreach, next steps and then he will open it up for questions.

Craig gave an overview of what this Parks and Recreation Masterplan is:

- It is a comprehensive 10-year planning document
- It covers parks, facilities and programming
- Evaluates & recommends
- We want to make sure we're shaping delivery of services
- Identifies short term strategies to achieve long term success
- Connections to commission

We'd like to engage early on, if you have input, I'd be happy to take your input tonight.

Who is involved?

- Project team
- Technical advisory committee
- Consultant
- Council
- Boards & Commissions
- Residents

Ultimately this plan ends once it is adopted. We spent last year summer and fall on outreach. We hope to have a draft plan in Fall of 2020.

In 2019, we worked on public outreach with focus groups centered round open-ended dialogue. Focus groups included residents, users, partners, service providers and staff.

We found some recurring themes:

- Improve communication
- Simplify processes
- Increase safety
- Additional opportunities
- Multi-use fields/facilities
- Add shade

- Focus on maintenance

Survey: background information:

- Goal: gather quantitative information
- 15 core questions with follow up and additional demographic information
- Residents, park, facility and program users
- Opt-in survey
- May 17 through June 30
- Various outreach methods/efforts
- Spanish and English

There were 1857 survey responses, 77% were Tempe residents, 43% work in Tempe:

- Nearly 2/3 of responses indicated they met new people or made new friends through their activities at City of Tempe parks and recreational facilities
- 4 in 5 rated overall quality as excellent or good
- Non-residents rated overall quality higher than residents
- More than half reported use at least once per week
- Residents were more likely to use the facilities more than once per week.
- Occasional/regular use of trails or paths was ranked as highest use was 85% in survey.
- Greatest number said the city needs more unpaved trails and paved trails
- 65% of those who responded said additional shade is top need; restrooms scored second
- 44% said lack of shade prevents use

Survey: Funding Priorities

- 69% said the highest priority should be to maintain the parks and facilities the city has now
- 51% said the second highest priority should be to maintain recreation programs and services the city has now

Survey: Funding Strategies

- 74% said the highest priority should be to develop partnerships with private entities to provide services and fund improvements
- 70% said the second highest priority should be to offer naming rights and sponsorships
- 28% said increase fees people pay to use the city's recreation facilities and programs

Next Steps

- The online survey, benchmarking and community trends analysis took place in the Summer of 2019 through January 2020
- Next there will be Work Study Session with Council and presentations to Boards and Commissions
- Public meetings to develop the Draft and Final Masterplan
- There will be public meetings in spring 2020
- Fall 2020 is anticipated plan adoption

Commissioners commented and asked:

- How are you involving schools? Craig said schools are a key piece in outreach for public input.
- How was the survey advertised? Craig said in water bill, NextDoor and by neighborhood services.
- Have you considered a survey involving children who use parks? Craig said there is a limitation of the survey as we cannot send it out directly to children under 18.
- Have you thought of shade in relationship to considerations of extreme heat? Also do you communicate lighting and the extra effort the city does for dark skies? Craig said he will look through the data and

comments. We have been working on LED lighting and testing temperatures and colors. They are dark sky compliant

- I'm interested in hearing more about urban park designation and density changes from a planning perspective that could change high-density park operations. Craig said we listed 15 or 20 amenities & programs where we see trends. With just over 40 square miles, we don't know what that will look like, they are included.
- Community gardens were not in the survey, just wanted to make sure that it is in the plan. Escalante community garden was an experiment. How is this done? How is it sustainable? We'd like to teach neighborhoods, so they create urban forests and keep them.
- I'm glad to see the survey was broken down by zip codes, it would be good to break it down further in 85281 by east and west. If you get great ideas in 85284, they may apply to 85281. Craig said thank you for the feedback.
- I feel community gardens can help with more shade. Craig said Ehrhardt park in Friendship Village is opening a community garden. It is a different model and it will be our third garden.
- There are emergency lights at ASU - are those an option to help people feel safe? Craig said yes, that is an option.
- What about path maintenance? Craig said we work with Transportation/Transit staff on that.

Vice Chair Mores thanked Craig and asked commissioners to send additional questions to staff.

Agenda Item 4 – Climate Action Plan 2021 Engagement

Sustainability Director Braden Kay said we didn't have enough time to go through engagement for the first Climate Action Plan. We want to do more listening and brainstorming. In our first Climate Action Plan, there are actions the city can take. Where it falls short is what actions a neighborhood, business, faith – based community can take. In Spring, we will do deep listening to the neighborhoods, businesses, faith – based communities.

There is a Chamber event in April, there are earth day events in April; we can do deeper listening about what our next Climate Action Plan will have. Braden asked if there are other things we need to focus on?

Commissioners commented and asked:

- There is a Regional Unity Walk on January 25th. It would be good to engage residents through that event.
- EnROADS is a useful policy tool to see what policy implications would be.
- Are there ways to better engage in planning process? Braden said the right type of engagement will lead to an update that will give it more momentum.
- You could add one action line for residents, businesses, neighborhoods.
- It would be helpful to have an example. You could have publications in the appendix about how Broadmor Garden received a sustainability award, it is a success story to give neighborhoods and businesses a relatable story. Braden said that personal story-telling centered on businesses and taking action is a good idea.
- There are not actions for businesses. They are not seeing the benefit vs. the burden. Braden said the challenge is that these actions were seen as beneficial for some, not for all.
- We could put these stories together to highlight climate action. What has been done with a marketing campaign? If we're not communicating effectively, this is an opportunity to fix that.
- What is this action going to cost my business? We must show it makes economic sense that there is an investment that needs to be made.
- Chamber of Commerce includes businesses and faith-based communities. It has a close relationship with school district. TCC and TCAA are members. The Chamber represents 80,000 people.
- We need an education campaign around how these actions impact businesses, residents, etc.

- Braden said tree-plantings are a way to get people out, engage with the community and implement change. Braden said that he, Shauna and Grace will come back in a few months to come up with proposal with ideas for engagement for a future agenda.

Agenda Item 5 – Long Term Sustainability Plan Integration

Sustainability Director Braden Kay said Chair Jung requested a long-term plan to look at what policy decisions are coming up. Today, you heard about the Parks and Rec Masterplan. How can commissioners have a longer view and look at important plans that are starting in 2021?

Plan integration is an intersection of emergency management, sustainability resilience, and what plans are working well together. There are transportation investments and it is a lot of work to ensure that plans support each other. Extreme heat is incredibly important, and we need to anticipate these items that you want to influence in these plans.

In spring, the Chair, Vice Chair and I will help to create a long-term plan. Vice Chair Mores said we want to be proactive not reactive. In Greenlight Solutions, we found it is easier to impact it in the planning stages.

Braden said we went out to the departments. We know of these specific transportation and parks plans and the water rate process starts in March.

Commissioners commented and asked:

- How is equity in action addressed? Braden said they will pick one planning process to impact from the beginning as a pilot project.
- You proposed to bring stuff to us earlier in the process. We agree this is a good idea.
- Congrats to Braden. Different departments take the Climate Action Plan as a reference and link their plans to the Climate Action Plan.

Vice Chair Mores asked commissioners to send additional questions to staff.

Agenda Item 6 – GLOCULL

Sustainability Director Braden Kay said we have a grant with ASU to work with us on local food, trying to figure out how to connect local indigenous food into the local food economy, and to have a collective action approach to reducing styrofoam at local food businesses.

Agenda Item 7 – Sustainability Awards

Staff sent the link to the awards page to share with your networks. We need to make decisions in the next meeting.

Agenda Item 8 – Climate Action Plan – Highlight Actions Check-In

Vice Chair Mores talked with Commissioners Sulzman and Kane about green infrastructure and they are not sure what steps commissioners can take. He asked for a brief update from the Energy group.

Commissioners Brundiers said they have support and are focusing on resilient energy hubs and the theme of solar and storage to build resilience year-round. Braden's intern gave a PowerPoint on the roadmap for resilient energy hubs and we met with SRP. Now we have to think about how to promote the idea of resilient energy hubs. SRP held a stakeholder process to arrive at 2035 sustainability goals. The focus on community resilience is interesting to them.

We think it would be good to de-emphasize energy and emphasize resilient hub. Maybe we can create an explanation of what it is and how it works with cooling stations.

Braden said this is your opportunity to help with the definition, tell the story, determine who to talk to, form relationships. There should be a process to figure out what this is; who in ASU and SRP to go to. Braden said when you met with SRP they didn't know about equity in action, now they do, there is some information that you can work on such as resilient for whom, access, how many hours, and that's what can cause a shift.

Braden said before we meet next time, he will meet with the green infrastructure group. There may be local funding to have conversations with the business community to see how the development community can help tackle urban forestry and green infrastructure.

Agenda Item 9 – Climate Action Budget Acceleration

Sustainability Director Braden Kay said Council asked what would we invest in if we accelerate the Climate Action Plan? Every department makes a budget request at the end of the month. There is a larger conversation with resources to do a future plan. We do story telling with few resources. We have asked for increased funding for resilient energy hubs for community solar, revolving fund, solar EV pilot project.

Braden described the budget requests that are currently funded and the budget request that are not yet funded and need investment. He said we will submit them in the next few weeks.

Braden said the following dates for public meetings about the budget are:

- February 11 at 6:00 pm
- February 19 at 6:00 pm
- February 22 at 10:00 am

Agenda Item 10 – Housekeeping Items

Braden asked if we could change the next meeting date from February 10th to February 12th. All agreed.

Agenda Item 11 – Future Agenda Items

There was mention of future council forums. Staff will send out the dates.

A motion was made to adjourn.

Motion: Commissioner Burke

Second: Commissioner Kane

Decision: Approved

Voted to Approve:

Ryan Mores (Vice Chair)

Barbie Burke

Stephanie Milam-Edwards

Katja Brundiers

Sukki Jahnke

Serita Sulzman

John Kane

Gretchen Reinhardt
Steven Russell

All approved 9-0.

The meeting was adjourned at 6:35 pm.

Prepared by: Grace DelMonte Kelly
Reviewed by: Braden Kay

Tempe/Mesa Streetcar Feasibility Study

Winter 2020



Agenda

- Study Overview
 - Purpose
 - Study Area
- Process and Timeline
- Current Status
- Related Projects



Overview



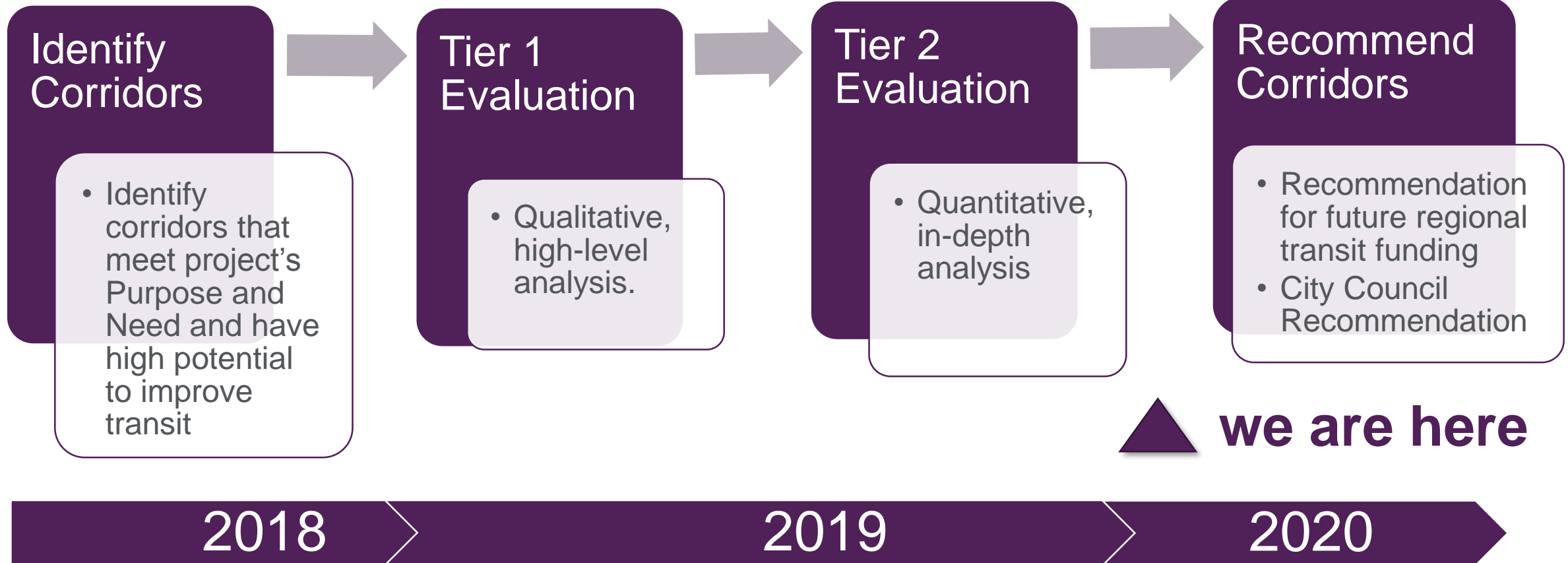
- The cities of Tempe and Mesa have partnered with Valley Metro to evaluate streetcar as a high-capacity transit option
- \$600,000 budget co-funded by the cities of Tempe and Mesa

Purpose

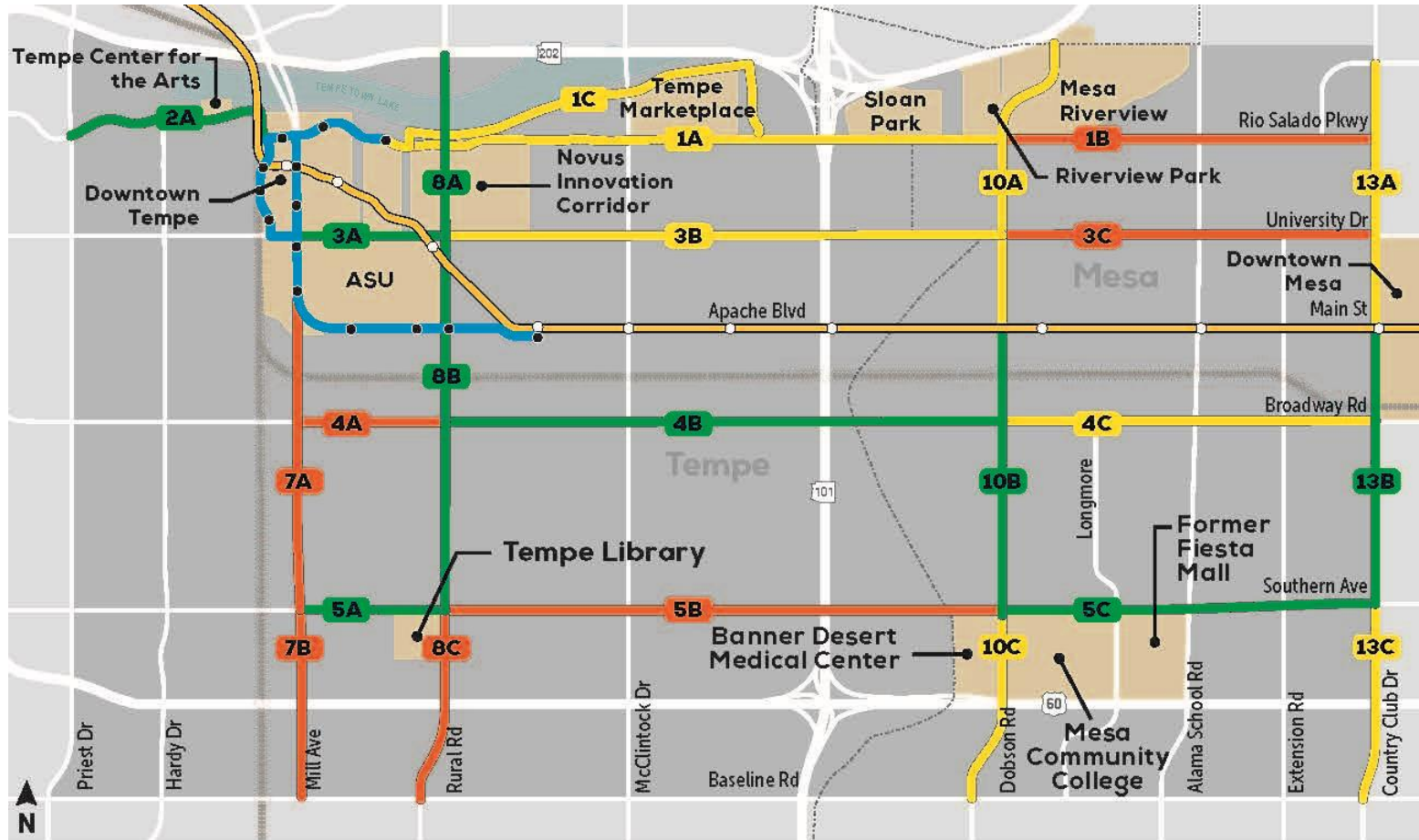
- **Evaluate possible streetcar extension(s) to serve Tempe and Mesa**
 - Link Tempe Streetcar with key regional activity centers, employment, residential
- **Evaluate feasibility of options**
- **Identify potential next steps**
 - Advise future regional funding priorities



Process



Tier 1 Evaluation Results



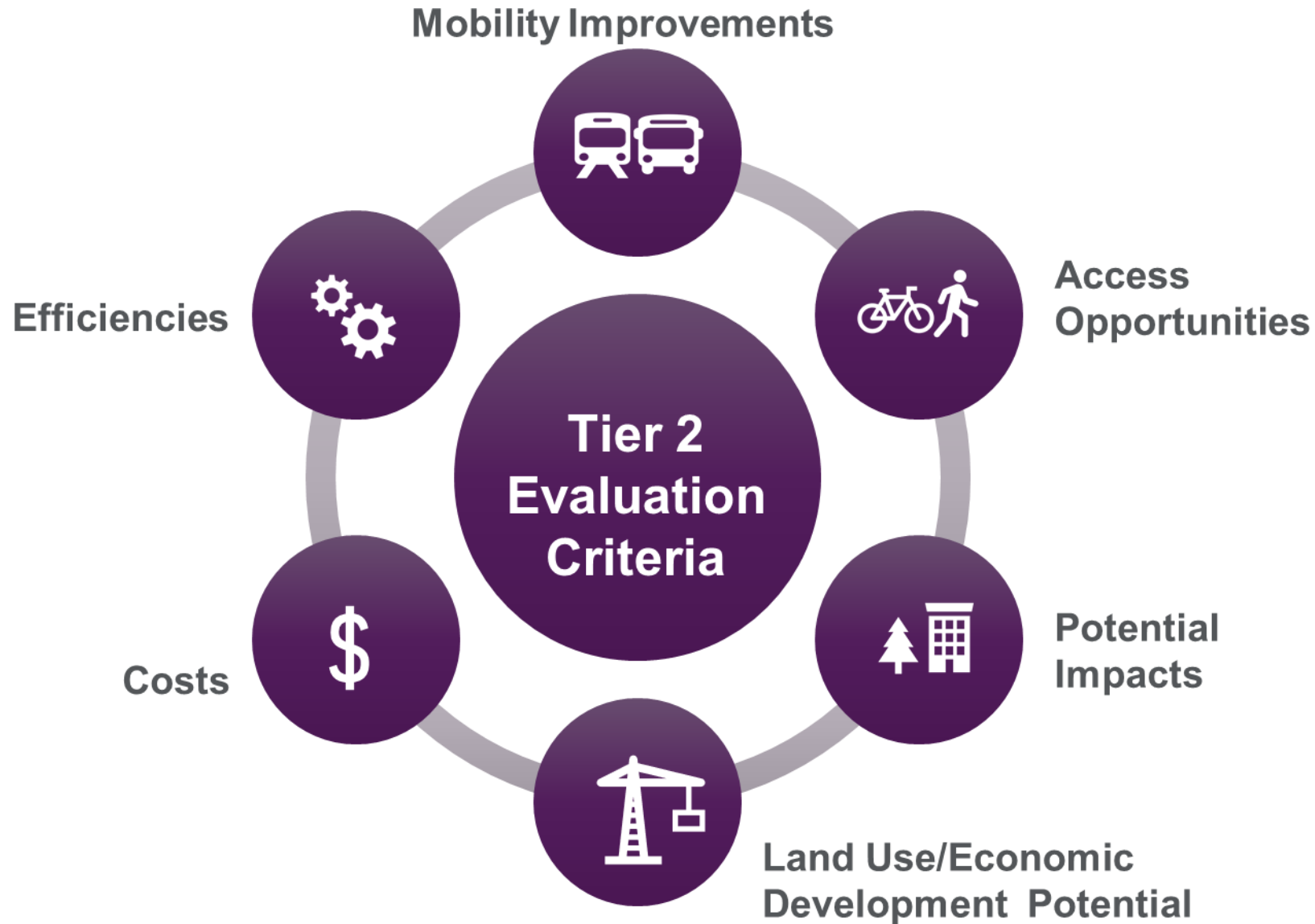
LEGEND

- Valley Metro Rail/Station
- Tempe Streetcar Route/Stop
- Study Area

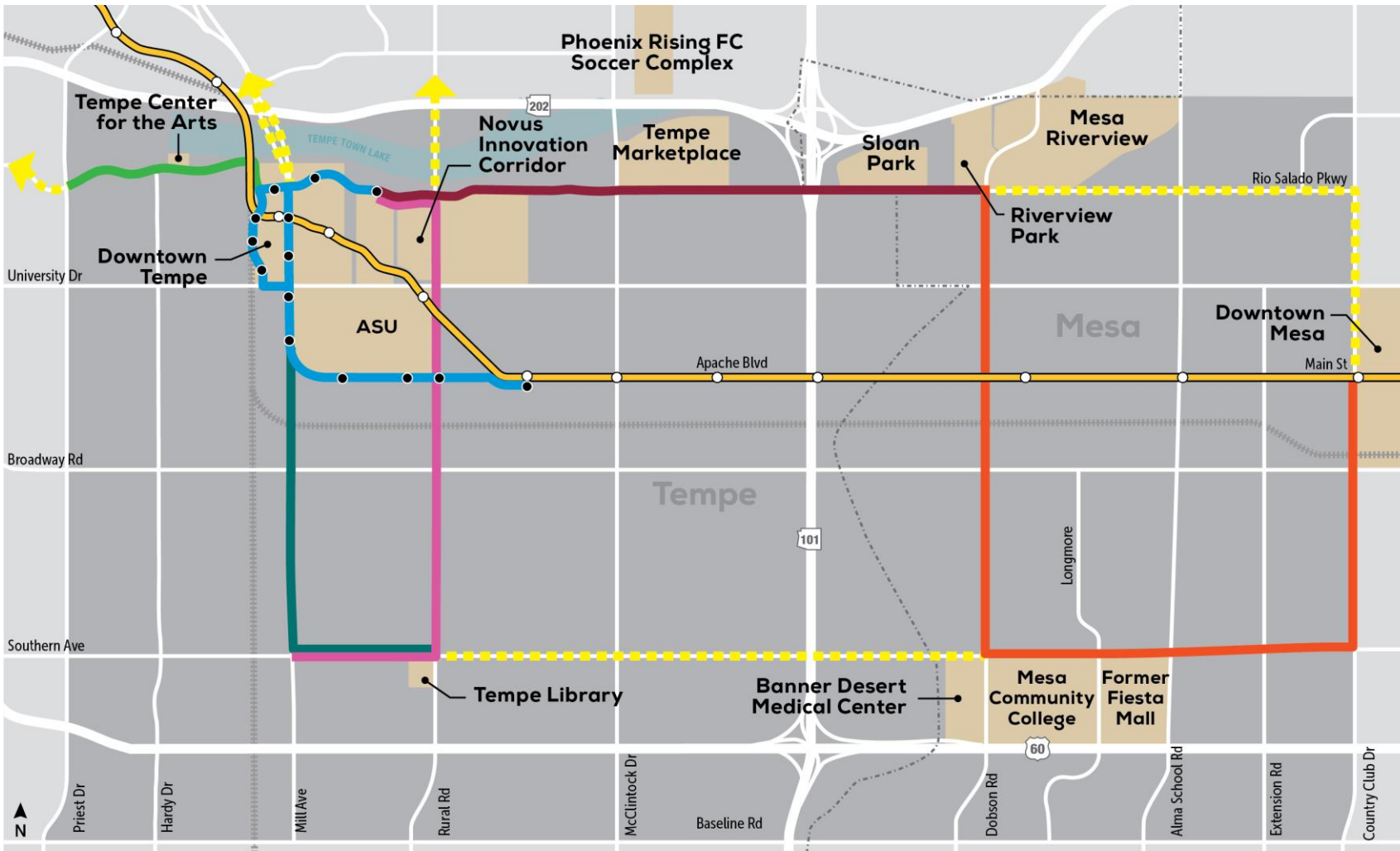
Tier 1 Evaluation Score

- High
- Medium
- Low

Tier 2 Evaluation Criteria



Tier 2 Evaluation Preliminary Results

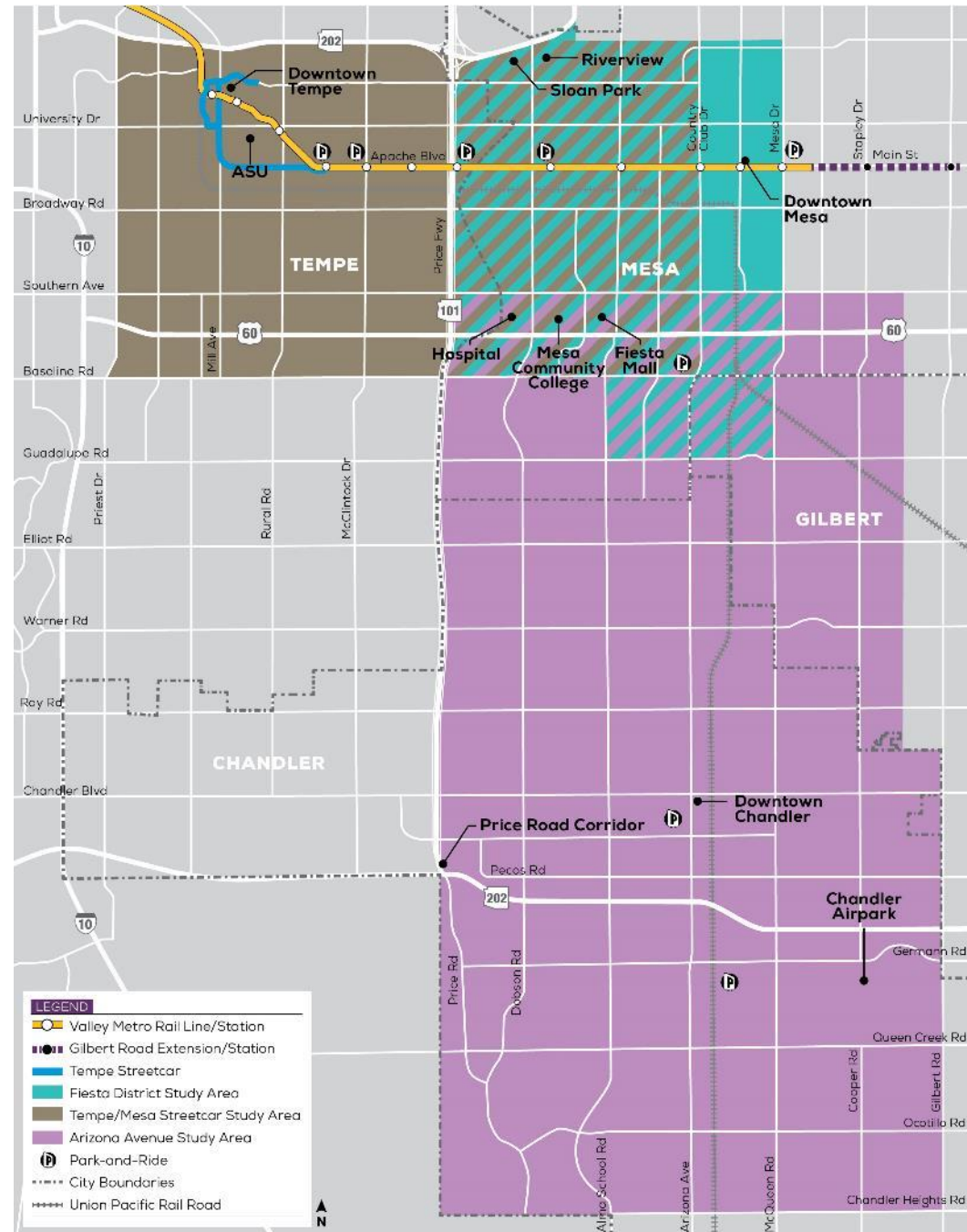


- 1 Rio Salado East: Marina Heights to Dobson
- 2 Rural: Marina Heights to Southern/Mill
- 3 Dobson, Southern, Country Club
- 4 Mill: Apache to Southern/Rural
- 5 Rio Salado West: Ash to Priest

LEGEND			
	Valley Metro Rail/Station		Study Area
	Rio Salado Parkway East Option		Tempe Streetcar/Stop
	Rural Road Option		Rio Salado Parkway West Option
	Mill Avenue Option		Dobson/Southern/Country Club Option
	Potential Future Connections		

Related Projects

- Fiesta District Alternatives Analysis
 - Completion in summer 2020
- Tempe/Mesa Streetcar Feasibility Study
 - Completion in summer 2020
- Arizona Avenue Alternatives Analysis
 - Ongoing
- Tempe Streetcar (under construction)
 - Open for operations in 2021



Next Steps

- Final detailed analysis of prioritized corridors
- City Council recommendation in mid-2020
- Regional Transportation Plan
- Prop 400 E



Thank You



Tier 2 Evaluation Preliminary Results



Corridor Options	Mobility	Access	Impacts	Land Use/ Econ Dev.	Costs	Efficiencies	Score	Rank
Rio Salado East							79	1
Dobson, Southern, C.Club							69	3
Mill Ave							66	4
Rural Rd							70	2
Rio Salado West							65	5

High Performing

Medium Performing

Low Performing

LISTENING

April-October 2020

STAKEHOLDERS

EVENTS

	STAKEHOLDERS	EVENTS
Students and Youth	MYAC Schools ASU	Youth Forum Geeks Night Out
Business	Tempe Chamber of Commerce Downtown Tempe Authority Local First Arizona Tempe Grease Cooperative	Sustainability Summit – Apr 3rd
Non-profit/ Faith-based	Interfaith TCAA	
Neighborhoods/ General Public	Neighborhood Associations	State of the Neighborhoods

PLANNING

October 2020-May 2021

- Arts
- Equity
- Schools

- Existing events
 - Arts in the Park
 - Water workshops

- Pilot projects
 - Green infrastructure
 - Neighborhood grants

REVIEW & APPROVAL

May 2021-October 2022

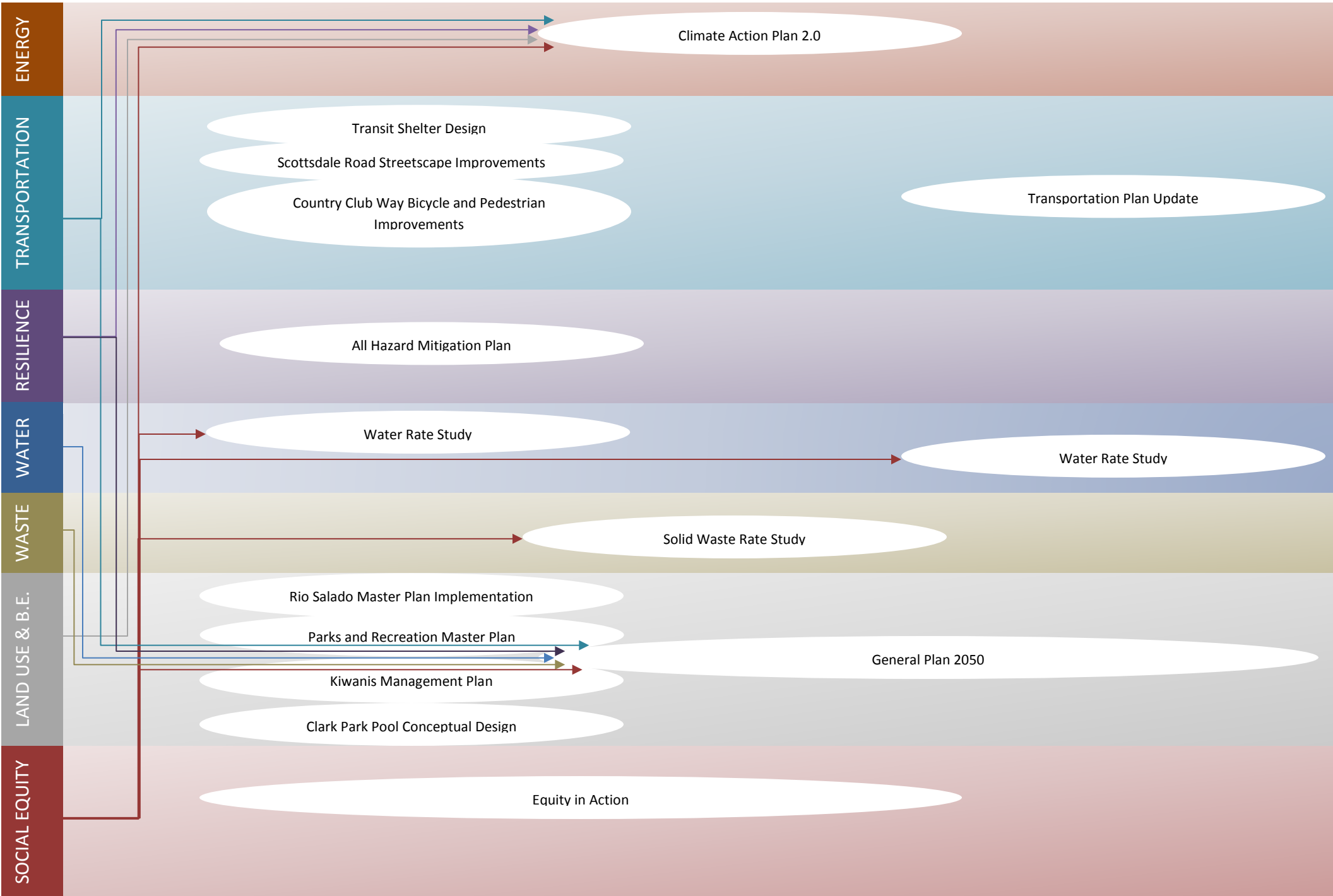
- Stakeholder-led agenda
- Investments and city budget

City of Tempe Future Plans

2020

2021

2022



Mayor and Council,

The Sustainability Commission is writing to support the Urban Core Master Plan and the Density Bonus program because it is the type of policy that will ensure that Tempe is a more sustainable, resilient and livable city for years to come.

Tempe is becoming a beacon for sustainability in Arizona. The Urban Core Master Plan and Tempe's embrace of urban lifestyles and transit-oriented development is creating a city that can support future generations of Tempeans. **Tempe is building up, and we now will have land use policy that will guide growth in a responsible and predictable way.** We are deeply grateful to have leaders that can find a middle ground approach that balances the needs of the Tempe residents with the needs of our business community. This is the type of leadership that our grandchildren will look back on proudly.

The Density Bonus program is a shining example of demonstrating leadership in sustainability and resilience. The program has bonus points for carbon reduction and resilience to extreme heat. **The carbon reduction section promotes investing in electric vehicles, energy efficiency, renewable energy, use of the International Green Construction Code (IGCC).** We hope that the Mayor and Council adopts the mandatory use of the IGCC in the next several years, but in the meantime, the density bonus program is a very solid first step in reducing the carbon impact of new construction in Tempe.

The resilience to extreme heat section of the density bonus program shows a commitment to combating climate change and the urban heat island. We need to continue to invest in trees, cool materials, shade, and cool roofs. We are expecting up to 99 days over 105 degrees by 2050 compared to 16 days a year in the 20th Century. We cannot continue to build buildings with glass on all sides with old building codes and insufficient shade. **People will move away in the future and will not be able to afford to cool inefficient buildings if we do not change the way we build buildings in Tempe today.** We must change the way we develop our city.

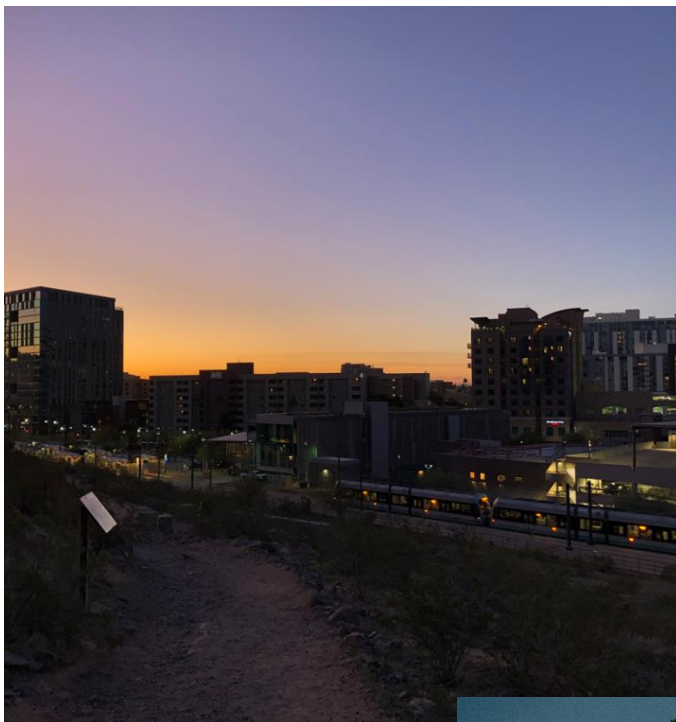
The Urban Core Master Plan and the density bonus program is a critical milestone in the creation of a more sustainable and resilient Tempe. It is not enough to protect Tempe for the extremely hot summers that we will see in the coming decades, but it is an important step in working with the development community to build a city that our grandchildren have a fighting chance of thriving in. **Please continue to fight for our future.** Please pass the Urban Core Master Plan and density bonus as soon as possible.

Kendon Jung
Chair, Sustainability Commission

(front page?)

Supplemental Budget Request Overview

To continue the advancement of sustainability and resiliency goals at the City of Tempe, the Office of Sustainability advises for the following budgetary requests to further the depth of sustainability programs, partners, and platforms. Through these investments, we hope to advance the newly adopted Climate Action Plan and build upon our collaboration with stakeholders by reducing emissions in energy and transportation and creating resilience to extreme heat.



Office of Sustainability

The Office of Sustainability strives to make sustainability a fundamental aspect of policy work in Tempe by expanding the Office's involvement and engagement within city processes.

Climate Action Manager

(Recurring \$120,000)

A full-time position to implement Tempe's Climate Action Plan and support efforts for the 2021 Update. Resident and business engagement and community-based pilot projects will be central to building programming that makes Tempe a climate action leader in Arizona.

Operating budget

(Recurring \$60,000)

Additional funds are needed to support the Office of Sustainability in outreach, consulting services and hosting regional meetings to policy and programs forward. The Office survives on a \$10,000 budget, which makes it difficult to carry out the communications and marketing expected by residents and the Sustainability Commission.

Equity Fellow

(One-time \$11,000)

This request is for matching funds needed to apply for a national grant to host a summer equity fellow through the Urban Sustainability Directors Network. The fellow will support the Office of Sustainability, The Office of Strategic Management and Diversity and the Office of Neighborhood Services in supporting the new Equity in Action Coalition select pilot projects and develop equitable engagement best practices for the city to adopt.



Climate Action Plan 2021 Update

(One-time \$200,000)

Support for the continuing partnership with Tempe residents, businesses, nonprofits and Arizona State University to create a citywide movement for climate action. Activities will include a 2020 Greenhouse Gas Emissions inventory to measure progress and

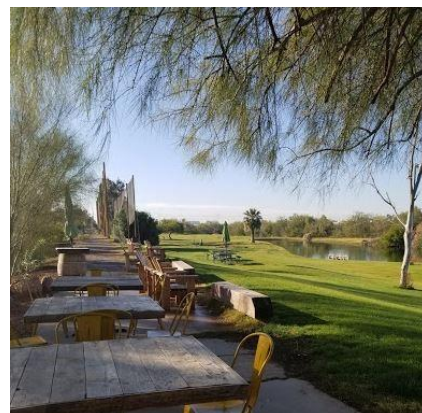


neighborhood sustainability pilot projects to gather community input and build connections that will lead to collective action in energy, transportation and resilience to extreme heat.

Singh Meadows

(Recurring \$365,000)

Funding to keep Indian Bend Wash an active and thriving public space that showcases sustainability practices and organic landscaping.



Energy

The City of Tempe will work towards emissions reduction in municipal energy by working with key community stakeholders to create new plans and programs.

Clean Energy Plan

(One-time \$100,000)

Tempe has an opportunity to work with Chamber of Commerce, APS and SRP to define a roadmap for the clean energy economy.

Workforce development, incentives, cooperative purchasing, and

energy scoring are all potential methods to grow an economy around clean energy and renewables.



Business Sustainability Platform

(One-time \$100,000)

Partnership with the Tempe Chamber of Commerce, APS and ARP to ensure that Tempe businesses have the information, best practices and business case for investing in energy efficiency. A website, workshops, and business support will ensure that Tempe businesses can benefit from growing the clean energy economy in Arizona.



Community Energy Coordinator

(Recurring \$85,000)

This position would support Tempe businesses in making clean energy and renewable investments. The position would carry out the results of the clean energy



economy plan, administer the business sustainability platform and support Tempe's Chamber Sustainability Pledge.

Energy Equity Program

(One-time \$50,000)

Energy efficiency and clean energy have an opportunity to benefit the people that need it most. This one-time funding would demonstrate how funds can be used to support energy training for Tempe residents to provide resources on how to invest in energy efficiency and become involved in regional energy policy.

Transportation

Tempe will advance our multi-modal transportation system by investing in the necessary infrastructure to make public transit the preferred method to travel around Tempe.

EV Solar Charging

(One-time \$200,000)

Solar charging during the day takes advantage of the sun to support clean transportation. By demonstrating the use of state-of-the-art solar sharing stations on city



property, we hope to model solar workplace charging for the Tempe business community.

Community EV roadmap

(One-time \$100,000)

43% of Tempe Greenhouse Gas Emissions come from transportation. Deep investments in transit and electric vehicles are critical for Tempe to build a convenient low-carbon transportation system. This roadmap would coordinate efforts between the City of Tempe, MAG, APS, SRP, DTA, Tempe Chamber of Commerce, ASU and other key



stakeholders to develop a ten-year roadmap for electric vehicle adoption and charging infrastructure deployment. Cost/benefit analysis to determine carbon reduction, air quality and public health benefits would help build evidence for the generational investment required to shift to a low carbon economy and transportation system.

Smart mobility and enterprise plan

(One-time \$100,000)

Building on Tempe's work on autonomous vehicles, Tempe can partner with ASU and the Maricopa Association of Governments to develop a roadmap and protocol for incorporating new mobility technologies in cities. Coordination with new



technologies and ensuring that enterprises work with Tempe in achieving our goals, will be critical for supporting a 21st Century transportation system in Tempe and the region.

Fleet Electric Vehicle Roadmap

This roadmap will create a 5-year plan for investing in electric vehicles and charging infrastructure for Tempe's fleet. The plan will outline the investments required to



reduce carbon emissions and improve the operations and maintenance of the city fleet. This investment will ensure Tempe is a leader in demonstrating how to reduce emissions and improve air quality through transitioning fleets to electric.

(Back page?)

Resilience

Preparing for Tempe's future will allow our city to adapt to disturbances, such as extreme heat, while remaining a livable and equitable urban center.

Resilience Coordinator

(Recurring \$85,000)

Tempe neighborhoods need support in working with schools, businesses and residents to keep neighborhoods safe, cool,



and connected. The Resilience Coordinator will start Tempe's neighborhood resilience program, resilient energy hubs, resilience hubs in partnership with Neighborhood Services.

International Green Construction Code

This funding would support Community Development and Sustainability in staff training and consulting required to offer Developers the option of use of the International Green Construction Code. Use of the code will support energy efficiency and promoting use of shade and cool materials in order to ensure Tempe's buildings are prepared for climate change.

1. Singh Meadows (Recurring \$365,000)

Funding to keep Indian Bend Wash an active and thriving public space that showcase sustainability practices and organic landscaping.

2. Climate Action Plan 2021 Update (One-time \$200,000)

Support for the continuing partnership with Tempe residents, businesses, nonprofits and Arizona State University to create a citywide movement for climate action. Activities will include a 2020 Greenhouse Gas Emissions inventory to measure progress and neighborhood sustainability pilot projects to gather community input and build connections that will lead to collective action in energy, transportation and resilience to extreme heat.

3. Climate Action Manager (Recurring \$120,000)

A full-time position to implement Tempe's Climate Action Plan and support efforts for the 2021 Update. Resident and business engagement and community-base pilot projects will be central to building programming that makes Tempe a climate action leader in Arizona.

4. Operating budget (Recurring \$60,000)

Additional funds are needed to support the Office of Sustainability in outreach, consulting services and hosting regional meetings to policy and programs forward. The Office survives on a \$10,000 budget, which makes it difficult to carry out the communications and marketing expected by residents and the Sustainability Commission.

5. Equity Fellow (One-time, \$11,000)

This request is for matching funds needed to apply for a national grant to host a summer equity fellow through the Urban Sustainability Directors Network. The fellow will support the Office of Sustainability, The Office of Strategic Management and Diversity and the Office of Neighborhood Services in supporting the new Equity in Action Coalition select pilot projects and develop equitable engagement best practices for the city to adopt.

6. Electric Vehicle Solar Charging Station (One-time \$200,000)

Solar charging during the day takes advantage of the sun to support clean transportation. Through demonstrating the use of state-of-the-art solar sharing stations on city property, we hope to model solar workplace charging for the Tempe business community.

7. Business Sustainability Platform (One-time \$100,000)

Partnership with the Tempe Chamber of Commerce, APS and ARP to ensure that Tempe businesses have the information, best practices and business case for investing in energy efficiency. A website, workshops, and business support will ensure that Tempe businesses can benefit from growing the clean energy economy in Arizona.

8. Resilience Coordinator (Recurring \$85,000)

Tempe neighborhoods need support in working with schools, businesses and residents to keep neighborhoods safe, cool and connected. The Resilience Coordinator will start Tempe's neighborhood resilience program, resilient energy hubs, resilience hubs in partnership with Neighborhood Services.

9. Clean Energy Economy Plan (One-time \$100,000)

Tempe has an opportunity to work with Chamber of Commerce, APS and SRP to define a roadmap for the clean energy economy. Workforce development, incentives, cooperative purchasing, and energy scoring are all potential methods to grow an economy around clean energy and renewables.

10. Energy Equity Program and Low-income pilot project (One-time \$50,000)

Energy efficiency and clean energy have an opportunity to benefit the people that need it most. This one-time funding would demonstrate how funds can be used to support energy training for Tempe residents to provide resources on how to invest in energy efficiency and become involved in regional energy policy.

11. Smart Mobility and Enterprise Plan (One-time \$100,000)

Building on Tempe's work on autonomous vehicles, Tempe can partner with ASU and the Maricopa Association of Governments to develop a roadmap and protocol for incorporating new mobility technologies in cities. Coordination with new technologies and ensuring that enterprises work with Tempe in achieving our goals, will be critical for supporting a 21st Century transportation system in Tempe and the region.

12. Community Energy Coordinator (Recurring \$85,000)

This position would support Tempe businesses in making clean energy and renewable investments. The position would carry out the results of the clean energy economy plan, administer the business sustainability platform and support Tempe's Chamber Sustainability Pledge.

13. Community Electric Vehicle Roadmap (One-time \$100,000)

43% of Tempe Greenhouse Gas Emissions come from transportation. Deep investments in transit and electric vehicles are critical for Tempe to build a convenient low-carbon transportation system. This roadmap would coordinate efforts between the City of Tempe, MAG, APS, SRP, DTA, Tempe Chamber of Commerce, ASU and other key stakeholders to develop a ten year roadmap for electric vehicle adoption and charging infrastructure deployment. Cost/benefit analysis to determine carbon reduction, air quality and public health benefits would help build evidence for the generational investment required to shift to a low carbon economy and transportation system.

Endorsed submissions:

International Green Construction Code (Community Development)

Fleet Electric Vehicle Roadmap (Municipal Utilities)

Overview

Office of Sustainability

Climate Action Plan

Operating budget

Equity fellow

Climate Action Plan 2021 Update

Singh Meadows

Energy

Clean Energy Plan

Business Sustainability Platform

Community Energy Coordinator

Energy Equity Program

Transportation

EV Solar Charging

Community EV roadmap

Smart mobility and enterprise plan

Fleet EV Roadmap

Resilience

Resilience Coordinator

International Green Construction Code