



## PUBLIC MEETING AGENDA

### Transportation Commission

#### MEETING DATE

Tuesday, December 7, 2021 at 7:30 a.m.

#### MEETING LOCATIONS

Join Via Cisco Webex

<https://tempe.webex.com/tempe/onstage/g.php?MTID=e0d77921aecf5710dc50ba8fa35fb69e6>

Event password: 8f3KAZFxaV3

United States Toll+1-408-418-9388

Access Code/Event Number: 2488 314 8473

AND

In Person (face coverings required)

Tempe Transportation Center

Don Cassano Community Room

200 E. Fifth Street, 2<sup>nd</sup> floor

Tempe, Arizona, 85281

AGENDA ITEM	PRESENTER	ACTION or INFORMATION
<b>1. Public Appearances</b> The Transportation Commission welcomes public comment for items listed on this agenda. There is a three-minute time limit per citizen.	JC Porter, Commission Chair	Information
<b>2. Approval of Meeting Minutes</b> The Commission will be asked to review and approve meeting minutes from the October 12, 2021 meeting.	JC Porter, Commission Chair	Action
<b>3. Commission Business</b> Acknowledge outgoing Commissioner John Federico.	JC Porter, Commission Chair	Information
<b>4. Transportation Demand Management Plan/Transportation Management Association/Mobility Hubs</b> Staff will provide the final TDM/TMA and Mobility project plan and request support of the plan from the Commission.	Robert Yabes, Engineering & Transportation Department	Information

<b>5. Smith Hub Infrastructure Study</b> Staff will provide the results of the Smith Hub Infrastructure Study.	Jill Buschbacher, Economic Development Program Manager	Information
<b>6. Department &amp; Regional Transportation Updates</b> Staff and commission members will provide information on relevant meetings and events.	Engineering & Transportation Department Staff and Transportation Commissioners	Information
<b>7. Future Agenda Items</b> Commission may request future agenda items.	JC Porter, Commission Chair	Information

According to the Arizona Open Meeting Law, the Transportation 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 350-4311 (voice) or for Relay Users: 711 to request an accommodation to participate in a public meeting.



**Minutes**  
**City of Tempe Meeting of the Transportation Commission**  
**October 12, 2021**

Minutes of the meeting of Tempe Transportation Commission held on Tuesday, October 12, 2021, 7:30 a.m. via Cisco Webex.

**(MEMBERS) Present:**

Jeremy Browning  
John Federico  
Brian Fellows  
Pam Goronkin  
David Sokolowski  
JC Porter

Peter Schelstraete  
Bobbie Cassano  
Susan Conklu  
Dawn Hocking  
Paul Hubbell  
Alice Bimrose

**(MEMBERS) Absent:**

John Christoph  
David A. King

Alana Chavez Langdon

**City Staff Present:**

Abel Gunn, Transportation Financial Analyst  
Laura Kajfez, Neighborhood Services Specialist  
Marilyn DeRosa, Engineering & Transportation Director  
Eric Iwersen, Interim Deputy Engineering & Transportation Director  
Cathy Hollow, Traffic Engineer  
Julian Dresang, Deputy Engineering & Transportation Director  
Braden Kay, Sustainability Director  
Katrina Trejo, Civil Engineer

Brenda Clark, Neighborhood Services Specialist  
TaiAnna Yee, Public Information Officer  
Sue Taaffe, Senior Management Assistant  
Shauna Warner, Neighborhood Program Manager  
Chase Walman, Senior Transportation Planner  
Bonnie Richardson, Principal Planner  
Mitchell Willard, Intern

**Guests Present:**

Mike James

Randy Dittberner

Commission Chair JC Porter called the meeting to order at 7:30a.m.

**Agenda Item 1 – Public Appearances**

None

**Agenda Item 2 – Minutes**

JC Porter introduced the minutes of the September 14 meeting of the Transportation Commission and asked for a motion for approval.

**Motion:** Commissioner David Sokolowski

**Second:** Commissioner Brian Fellows

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**Decision:** Approved by Commissioners

John Federico  
Brian Fellows  
Pam Goronkin  
David Sokolowski  
JC Porter

Peter Schelstraete  
Bobbie Cassano  
Susan Conklu  
Paul Hubbell  
Alice Bimrose

Abstained: Dawn Hocking

**Agenda Item 3 – Open Mobility Data Standards**

This agenda item was removed for the agenda.

**Agenda Item 4 – Regional Transit Fare Collection System**

Commissioners asked staff follow-up questions from the Sept. 14 regional transit fare collection system presentation as listed below.

1. My question from this morning's meeting around fare collection is a concern for the low income, disabled, elderly (probably all Title VI?) who don't have access to, or the understanding of smart cell phones and loading apps. Will this group just be expected to use cash? I understand the majority of ridership on all the forms of mobility might have access to the media cards without a problem, but I'm still concerned we not neglect this group of riders who are left with no alternative forms of transportation.
2. How easy is the application process to get certified/set up an account for reduced fares? I am glad to hear that they are not going to just mobile because many of the people we support do not have a cell phone.
3. Phoenix City Councilmember Ansari has recently announced she wants to make public transit fare-free in Phoenix. I can see a scenario where other cities in the Valley Metro system may not necessarily do the same thing even if Phoenix does. How would the new fare system accommodate different cities instituting different fare policies?
4. Valley Metro is required to provide a 50% reduce fare, do you know any reason (other than politically) that we can't provide a 100% reduced fare? the regulation seems to indicate we cannot charge more than 50% but doesn't seem to exclude 0% as an option.
5. Are you able to determine how much fare revenue was collected in 2019 and how much total was reduced fare passes?
6. Also, would you have information about how much it will cost to install TVMs? I was hoping at some point you might have seen a break down of the costs to install and maintain the TVMs.

**Agenda Item 5 - Climate Action Plan**

Commissioners asked staff follow-up questions from the Sept. 14 regional Climate Action Plan presentation as listed below.

1. Can alleys be used for native landscaping and natural walkways / cool corridors? Can the city create a demonstration area and potentially reduce dumping and reclaim the alley as public space?
2. Can the city work to build community consensus on an urban density bonus program? Potentially with a focus on affordable housing, resiliency hubs and mobility hubs.
3. In regard to 100% bus stop shelter coverage, can we add "sufficient" or other language to mean that it should protect riders throughout most of the day?
4. "Install buttons for emergency services and on-demand transportation at bus shelters" is listed twice, what was the second option? Could cold water refill stations be an alternative?

**Agenda Item 6 - Annual Report**

Eric Iwersen presented the 2021 Transportation Commission Annual Report including the 2022 Transportation Commission goals.

A motion was made for approval of the 2021 Annual Report.

**Motion:** Commissioner Brian Fellows

**Second:** Commissioner Paul Hubble

**Yes Votes:**

JC Porter

David Sokolowski

Bobbie Cassano

John Federico

**No Votes:**

Pam Goronkin

Brian Fellows

Paul Hubble

Dawn Hocking

Jeremy Browning

Peter Schelstraete

Alice Bimrose

Susan Conklu

**Decision:** Motion did not pass.

A motion was made for approval of the 2021 Annual Report with the goals for 2022 rearranged with the Bike Hero goal moving down the list.

**Motion:** Commissioner Pam Goronkin

**Second:** Commissioner Paul Hubble

**Decision:** Approved by Commissioners

John Federico

Brian Fellows

Pam Goronkin

David Sokolowski

JC Porter

Dawn Hocking

Peter Schelstraete

Bobbie Cassano

Susan Conklu

Paul Hubbell

Alice Bimrose

Jeremy Browning

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**Agenda Item 7- Transit Program Update**

Eric Iwersen and Bonnie Richardson made a presentation about the transit program. Topics included:

- Transit Fund Update
- Oct 2021 Transit Service Changes
- Public Process & Feedback
- Equity
- Transit Asset Advertising
- Fare Collection System
- Streetcar Update
- New Bus Shelter Designs
- Bus Service Scenarios Contract Study
- Next Steps

Discussion included how many stops will have shelters, how the shelters are prioritized and the usage of 3M materials.

**Agenda Item 8- Streetscape Transportation Enhancement Program**

Cathy Hollow and Randy Dittberner presented the Neighborhood Traffic Calming Guide. Topics included:

- Updated process
- Pros and cons of existing manual
- Key changes
  - Inclusion of speed cushions
  - Qualifying thresholds
  - Outside funding
  - Petition thresholds
  - Online petitions
  - City outreach
  - Non-responsive households
  - Rental p[roperties
  - Professional judgement

Discussion included providing petitions in Spanish, the definition of complete streets and bike boulevards and status of funding for the backlog of existing projects.

A motion was made for approval of the Neighborhood Traffic Calming Guide.

**Motion:** Commission Chair JC Porter

**Second:** Commissioner Brian Fellows

**Decision:** Approved by Commissioners

John Federico  
Brian Fellows  
Pam Goronkin  
David Sokolowski  
JC Porter  
Dawn Hocking

Peter Schelstraete  
Bobbie Cassano  
Susan Conklu  
Paul Hubbell  
Alice Bimrose  
Jeremy Browning

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### **Agenda Item 9- Scottsdale Road Bike Lanes**

Chase Walman made a presentation about the Scottsdale Road Bike Lane project. Topics included:

- Project overview
- Other projects in the area
- Existing conditions
- Proposed improvements
- Next steps

Discussion included educational outreach to increase bicycle safety.

### **Agenda Item 10- Upcoming Transportation Public Meetings & Announcements**

Eric Iwersen informed the Commission of new hire Karina Trejo as a Civil Engineer in the Traffic Engineering team.

### **Agenda Item 11 – Future Agenda Items**

The following future agenda items have been previously identified by the Commission or staff:

- November 30
  1. Annual Report
  2. Tempe Adaptive Streets Implementation Design Guide
  3. Mobility Hubs
  4. Transportation Demand Management Plan/Transportation Management Association
  5. Transit Program Update & Bus Service Governance Study /Transit Security Update
- January 11
  1. Commission Business
  2. Crosswalk Signal Countdown & Signal Detection for Bicycles
  3. Ash/University Intersection & 1<sup>st</sup>/Ash/Rio Roundabout Traffic Data Counts Update
  4. Climate Action Plan 2021 Update
- February 8
  1. Personal Delivery Devices
  2. Transit Fund & Program Update
  3. MAG Values Mapping
  4. North/South Rail Spur MUP
- March 8
  1. Mobility Hubs
  2. Transportation Demand Management Plan/Transportation Management Association
  3. Mobility Hubs
  4. All Aboard Arizona (requested by David Solokowski.)
- April 12
- May 10
  1. Bike Hero
- June 14
- TBD: BRT Study – MAG
- TBD: Bike Bait (once program resumes)
- TBD: Commuter Rail Study/MAG Commuter Rail Plan – MAG
- TBD: AZ State Rail Plan/AZDOT Phoenix-Tucson Corridor Plan – ADOT

The next meeting is scheduled for November 30.

The meeting was adjourned 9:16 a.m.

Prepared by: Sue Taaffe  
Reviewed by: Eric Iwersen



# MEMORANDUM

**TO:** Transportation Commission

**FROM:** Eric Iwersen, Interim Deputy Engineering and Transportation Director (480-350-8810)  
Robert Yabes, Transportation Planning Manager (480-350-2734)



**DATE:** December 7, 2021

**SUBJECT:** Transportation Demand Management, Transportation Management Association, and Mobility Hubs Plans

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## PURPOSE

The purpose of this memo is to provide the Commission with an update on the Transportation Demand Management, Transportation Management Association, and the Mobility Hubs Plans.

## CITY COUNCIL STRATEGIC PRIORITY

- **Quality of Life**
  - 3.26: Achieve a multimodal transportation system (20-minute city) where residents can walk, bicycle, or use public transit to meet all basic daily, non-work needs.
  - 3.27: Achieve a Travel Time Index average at or below 1.25 along major streets during rush hour traffic with no individual segments exceeding 2.0.
  
- **Sustainable Growth & Development**
  - 4.18: Reduce community Greenhouse Gas (GHG) emissions by 80% of 2015 levels by 2050 and achieve community carbon neutrality by 2060.

## BACKGROUND

In 2020, city staff applied and received a grant from the Maricopa Association of Governments (MAG) to develop a plan for a Transportation Demand Management (TDM,) Transportation Management Association (TMA), and Mobility Hubs (MH) Plans for the City of Tempe. The TDM Plan would guide the City in how to institutionalize TDM in City processes. The TMA Plan would include a feasibility study and an operations plan for a new organization to assist and partner with the business community in TDM efforts. A Mobility Hub is a place where people can connect to multiple modes of transportation to make their trip as safe, convenient, and reliable as possible. These Mobility Hubs will create a network of locations that provide residents and visitors with transportation choices that can reduce the number of single occupancy vehicle trips in Tempe. The mobility hubs will deliver the first and last mile connection to local and regional transit trips. Mobility Hubs are a type of transportation demand management strategy; therefore, the Mobility Hubs, TDM, and TMA Plans have had a coordinated public and stakeholder outreach effort.

## PROJECT UPDATE

The project has successfully enlisted the support and expertise of regional agencies as part of the Technical Advisory Group. Staff from Maricopa Association of Governments (MAG), Valley Metro (VM), Arizona Department of Environmental Quality (ADEQ), Arizona State Parking and Transit (ASU), Downtown Tempe Authority (DTA), Arizona Department of Transportation (ADOT), and Maricopa County Trip Reduction Program are project participants. These stakeholders represent all the agencies that are responsible for transportation, air quality, and sustainability programs in the state and region.

The project has completed presenting and soliciting recommendations from the following:

- Tempe Transportation Commission – February 2021
- Technical Working Group – March 2021
- Stakeholder Meeting – April 2021
- Tempe Chamber of Commerce – April 2021
- Other City Commission Presentations

- Development Review Commission – May 2021
- Sustainability Commission – May 2021
- Human Relations Commission – May 2021
- Mayor’s Youth Advisory Commission – May 2021
- TDM/TMA/MH Public Meetings (May 22 and 26, 2021)
- Public Comment Period (March 30 – May 31, 2021)
- Sustainable and Livable Council Committee – June 2021.

As part of the project discovery process, various community members representing the development community, property owners, board and commission members, social service agencies, Arizona State University, and Downtown Tempe Authority were interviewed individually to solicit specific recommendations that need to be included both plan. Below are some takeaways from the interviews:

- Overall enthusiasm for TDM, TMA, and Mobility Hub options
- Emphasis on educating residents and visitors will be key to the success of any proposed options
- Must incentivize business owners/users, instead of mandating changes
- “Connectivity,” “accessibility,” “convenience,” and “location” were common terms
- Mobility Hubs would work best within a ¼ mile of other hubs/transit options
- Consider first level parking structures for potential sites for Mobility Hubs
- Climate in Arizona is a concern, amenities at Mobility Hubs must consider heat/sun
- Express bus routes/lanes
- Start conversations regarding TDM strategies/MH locations with the developers at “phase one” of a project
- Make parking more expensive/difficult
- Business owners will be interested in the ROI for Mobility Hubs
- Employees showed less interest in cash incentives for using alternative modes in some cases, but showed greater interest in getting compensation for not using assigned parking spot
- Improvement of existing bicycle and pedestrian infrastructure would help increase interest/usership
- Potential resource: The Association for Commuter Transportation (ACT).

The project also had two public meetings on May 22 and May 26, 2021. The project also provided an online comment venue that was open beginning March 30 through May 30, 2021. Key takeaways from the public meetings:

- Many are open to using other transportation options than driving alone
- Bicycle, pedestrian, rideshare, and transit modes are used by respondents
- Pockets within Tempe have convenient transportation choices.

Project documents are available at: <https://www.tempe.gov/government/engineering-and-transportation/transportation> and <https://www.tempe.gov/government/engineering-and-transportation/transportation/mobility-hubs>.

**SCHEDULE**

Tempe Chamber of Commerce Board Meeting	November 23, 2021
Tempe Transportation Commission	December 7, 2021
Community and Employer Stakeholders	December 2021
Technical Working Group	December 2021
Downtown Tempe Authority	January 2022
Public Meetings	January 2022
Tempe Chamber of Commerce Board Meeting	January 23, 2022
Tempe Development Review Commission	January 25, 2022
Tempe City Council Subcommittees	February 2022
Tempe Transportation Commission	March 8, 2022
Tempe City Council	March 24, 2022

**RECOMMENDATION OR DIRECTION REQUESTED**

This item does not require action by the Transportation Commission and is for information only.

**FISCAL IMPACT or IMPACT TO CURRENT RESOURCES**

The TDM and TMA Plans (formerly titled Urban Core Alternative Transportation Implementation Plan) received grant funding from MAG in the amount of \$179,200. The City of Tempe Transit Fund provided a local match of \$35,840. The Mobility Hubs Plan also received funding from the MAG in the amount of \$105,041. The City of Tempe Transit Fund provided a local match of \$6,349.

**ATTACHMENTS**

1. PowerPoint

# Transportation Demand Management/ Transportation Management Association

Tempe Transportation Commission  
December 7, 2021





## Quality of Life

3.26: Achieve a multimodal transportation system (20-minute city) where residents can walk , bicycle, or use public transit to meet all basic daily, non-work needs.

3.27: Achieve a Travel Time Index average at or below 1.25 along major streets during rush hour traffic with no individual segments exceeding 2.0.



## Sustainable Growth & Development

4.18: Reduce community Greenhouse Gas (GHG) emissions by 80% of 2015 levels by 2050 and achieve community carbon neutrality by 2060.



## **Sustainable Tempe**

-  The City of Tempe is dedicated to growing a sustainable city alongside community stakeholders to be resilient for our future. Tempe is taking action to reduce emissions and cultivate resilience by focusing on the guiding principles of fiscal responsibility, enterprise, equity, engagement, and effectiveness



## **TDM and TMA Plan**

-  Transportation Demand Management (TDM) Evaluation and Plan
-  Transportation Management Association (TMA) Evaluation and Plan

## **Mobility Hubs Plan**

-  Active Transportation Trip Demand, System Potential, Hub Sites, Hub Amenities, and Hub Designs
-  Draft and Final Plan

# What do These Projects Accomplish?



- Support community sustainability goals and growth demands
- Establish partnerships for private/public collaboration for transportation/mobility
- Strategically assist between the Region and the Employment Site
  - **Transportation Demand Management (TDM)** – enhances system efficiency and promotes use of multi-modal investments
  - **Transportation Management Associations (TMA)** – creates a forum for collaboration
  - **Mobility Hubs** – provides the infrastructure for a variety of transportation choices



# Project Milestones



- Transportation Commission – February 2021
- Technical Working Group – March 2021
- Stakeholder Meeting; Tempe Chamber of Commerce – April 2021
- Development Review Commission; Sustainability Commission; Human Relations Commission; Mayor’s Youth Advisory Commission; Two Public Meetings – May 2021
- Public Comment Period (April 30 through May 31, 2021)
- Sustainable and Livable Council Committee – June 2021

The background features a series of concentric, hand-drawn style circles in shades of blue and yellow, creating a tunnel-like effect that frames the central text.

# **Public Meeting and Survey Comments**

# Public Meetings and Survey Responses



- Two Virtual Public Meetings (May 2021); Survey posted Mar. 30 – May 31, 2021
- 56 unduplicated survey responses and 14 public meeting attendees
  - 52 (93%) are Tempe Residents; 33 (59%) work in Tempe; 10 (18%) visit Tempe
- Survey results
  - <https://www.tempe.gov/government/engineering-and-transportation/transportation/mobility-hubs> and
  - <https://www.tempe.gov/government/engineering-and-transportation/transportation/transportation-demand-management>

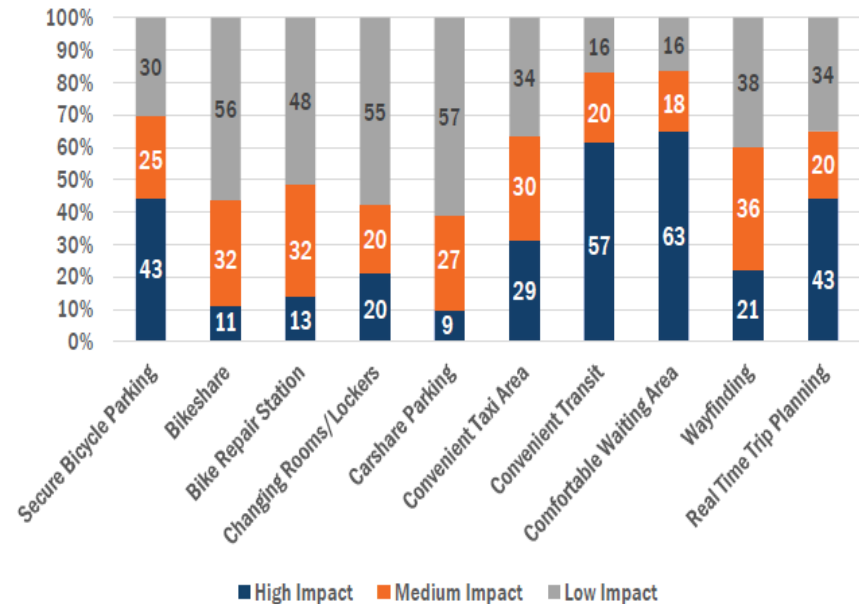
# Public Meeting and Survey Responses - Key Takeaways



## Key Takeaways

- Many are open to using other transportation options than driving alone
- Bicycle, pedestrian, rideshare and transit modes are used by respondents
- Pockets within Tempe have convenient transportation choices

What Would Encourage You To Use Alternative Transportation Choices?



A decorative graphic consisting of numerous concentric, slightly irregular circular lines in shades of blue and yellow, creating a tunnel-like or vortex effect that frames the central text.

# **Stakeholder Interviews**

# Stakeholder Interview Attendees



- **August:** David Sokolowski, Phil Amorosi, Scott Sumners, Susan Conklu, Kate Borders
- **September:** Sarah Fitzgerald, Dawn Hocking, Eric Emmert, Terri Candelaria, Brian Kearney/Charlie Freericks, Mike DiDomenico, Adam Jones, Nina Mullins/Mitchell Rosen, Ross Robb, Steven Methvin/Andrew Ching
- **October:** Steve Bauer, John Graham, Melinda Alonzo, Yesenia Felix/Brock Jarrett, JC Porter
- **November:** Beth Robertson



# Stakeholder Interviews – Key Takeaways



- Overall enthusiasm for TDM, TMA, and Mobility Hub options
- Emphasis on educating residents and visitors will be key to the success of any proposed options
- Must incentivize business owners/users, instead of mandating changes
- “Connectivity,” “accessibility,” “convenience,” and “location” were common terms
- Mobility Hubs would work best within a ¼ mile of other hubs/transit options
- Consider first level parking structures for potential sites for Mobility Hubs
- Climate in Arizona a concern, amenities at Mobility Hubs must consider heat/sun
- Express bus routes/lanes

# Stakeholder Interviews – Key Takeaways



- Start conversations regarding TDM strategies/MH locations with the developers at “phase one” of a project
- Make parking more expensive/difficult
- Business owners will be interested in the ROI for Mobility Hubs
- Employees showed less interest in cash incentives for using alternative modes, but showed greater interest in getting compensation for not using assigned parking spot
- Improvement of existing bicycle and pedestrian infrastructure would help increase interest/usership
- Potential resource: The Association for Commuter Transportation (ACT)





**Transportation Management Association  
Discussion**

# What is a TMA?



## ● A Transportation Management Association (TMA) is a collaborative agency or initiative that exists to provide:

- TDM Programs
- Transportation Services
- Traveler Resources
- Planning & Advocacy
- Staff and Technical Capacity





## ● **A 2019 Industry Survey of 100 TMAs Found:**

- Top issues that prompted formation and ongoing operation
  - Congestion
  - Employee recruitment and retention
  - Increasing transportation options and choices
  - Incorporating TDM into new development
  - Addressing trip reduction requirements
  - Addressing air quality issues



## ● **A 2019 Industry Survey of 100 TMAs Found:**

- Most (64%) have been around for more than 10 years, but there are new TMAs being formed every year
- A large share serve a regional audience (23%) or city/county jurisdictions (16%), while others serve CBDs/downtowns (21%), anchor/activity districts (17%), or suburban business districts (9%)
- Nearly 2/3 are independent non-profit organizations
- Those that are part of a parent organization are most often housed within a government agency (23%), chamber/member org (20%), developer/property owner (16%), or business improvement district (11%)



## **Key Ingredients:**

-  Agreed upon set of transportation challenges in a defined geographic area
-  Cross-sector partnerships with an understanding of shared responsibilities and the need for collective action
-  Clearly defined mission, vision, goals, and objectives
-  Organization structure that is designed to address all of the above
-  Ability to grow and evolve over time

# TMA Programs and Services



- TDM Strategies
- Transportation Planning Services
- Employee/commuter travel information and resources
- TDM/Trip Reduction regulatory compliance
- Parking management
- Targeted programs for distinct user groups
- Performance measurement and reporting



## **Commuter Benefits Ordinance**

Are you a business with 20 or more employees? Learn about the ordinance, how to comply and the benefits it offers you and your employees. [Learn More](#)



Talk to Nick Abel  
Senior Transportation Specialist  
(206) 613-3233

[Email me](#) [Schedule a meeting](#)



## **Transportation Management Program & Property Managers**

Does your property have a transportation management agreement? Learn how your building can further its sustainability goals. [Learn More](#)



Talk to Olivia Holden  
Senior Program Manager  
206-613-3357

[Email me](#) [Schedule a meeting](#)



## **Flexwork/Telework**

Learn about the benefits of teleworking! We'll help your business craft a Flexwork solution that works for you. [Learn More](#)



Talk to Nick Abel  
Senior Transportation Specialist  
(206) 613-3233

[Email me](#) [Schedule a meeting](#)



## **West Seattle Bridge Closure Support**

Do you have employees or an office located in West Seattle? We can help develop solutions during the bridge closure. [Learn More](#)



Talk to Wren Barulich  
Senior Transportation Specialist  
(206) 613-3243

[Email me](#) [Schedule a meeting](#)

Source: Commute Seattle

# TMA Value and Return on Investment



**“Commute Seattle has been essential in our efforts to translate the CTR law and its implications into meaningful programs. We have been able to move the dial by using advice from their commute experts to build creative, low-cost programs that help our employees drive less.”**

- Workplace Transportation Manager at Tableau/Salesforce

**“Strategizing and implementing more transportation mode choices is important as more Boise State students are walking, cycling, taking the Bronco shuttle, and riding transit buses than ever before. City Go, with its brand, program, and simplicity, will assist Boise for many years to come.”**

- Sam Patterson, Boise State University

**“We didn’t have enough parking spaces for every person at our new location. We started talking with Movability, who helped us implement employee surveys and engage interest in various forms of alternative transportation to find out how we could increase the number of people who would otherwise drive alone to work each day.”**

- Bill Schnell, Public Relations Manager at Cirrus Logic

# Schedule



Tempe Chamber of Commerce Board Meeting

**Tempe Transportation Commission**

Community and Employer Stakeholders

Technical Working Group

Public Meetings

Tempe Chamber of Commerce Board Meeting

Tempe Development Review Commission

Tempe City Council Subcommittees

**Tempe Transportation Commission**

Tempe City Council

November 23, 2021

**December 7, 2021**

December 2021

December 2021

January 2022

January 23, 2022

January 25, 2022

February 2022

**March 8, 2022**

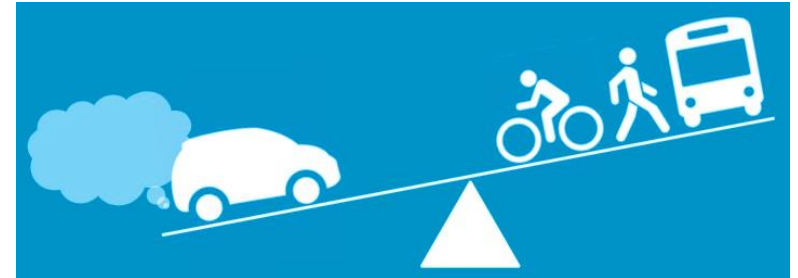
March 24, 2022



# Questions



- Shannon Scutari, Consultant, [shannon@scutariandcompany.com](mailto:shannon@scutariandcompany.com)
- Robert Yabes, Transportation Planning Manager, [Robert\\_Yabes@tempe.gov](mailto:Robert_Yabes@tempe.gov)
- [www.tempe.gov/TDM](http://www.tempe.gov/TDM)
- [www.tempe.gov/mobilityhubs](http://www.tempe.gov/mobilityhubs)



# Smith Innovation Hub Infrastructure Master Plan

Tempe Transportation Commission

December 7, 2021



**Tempe**

Making waves in the desert

# City Council Strategic Priority Performance Measures



## Safe and Secure Communities 1.05

Feeling of safety in your neighborhood.

## Quality of Life 3.26

Achieve a multimodal transportation system (20-minute city) where residents can walk, bicycle or use public transit to meet all basic daily, non-work needs.

NOVUS

Tempe Marketplace

Rio Salado Pkwy

Rio 2100



Industrial Dr

Third St

Clark Dr

Rockford Dr

River Dr

Siesta Ln

APS Facilities

McClintock Dr

Fifth St

Smith Innovation Hub

Sixth St

Hacienda Dr

Perry Ln

Smith Rd

Rockford Dr

Sixth St

Price Rd



Tempe neighborhoods



Tempe neighborhoods

River Dr

Tempe neighborhoods

University Dr

# Purpose



- Guide public and private infrastructure improvements
- Identify and prioritize infrastructure needs for short- and long-term timeframes
- Provide planning-level costs and prepare an implementation plan

# Public Outreach Results - #1



## BUSINESS SURVEY

19 Responses



22

Virtual Attendees



## VIRTUAL MEETING

June 4, 2021



## COMMUNITY SURVEY

17 Responses



# Public Outreach Results - #2



## IN-PERSON MEETING

July 30, 2021



OVER 20  
In-Person  
Attendees



15 LIVE  
Questions &  
Comments

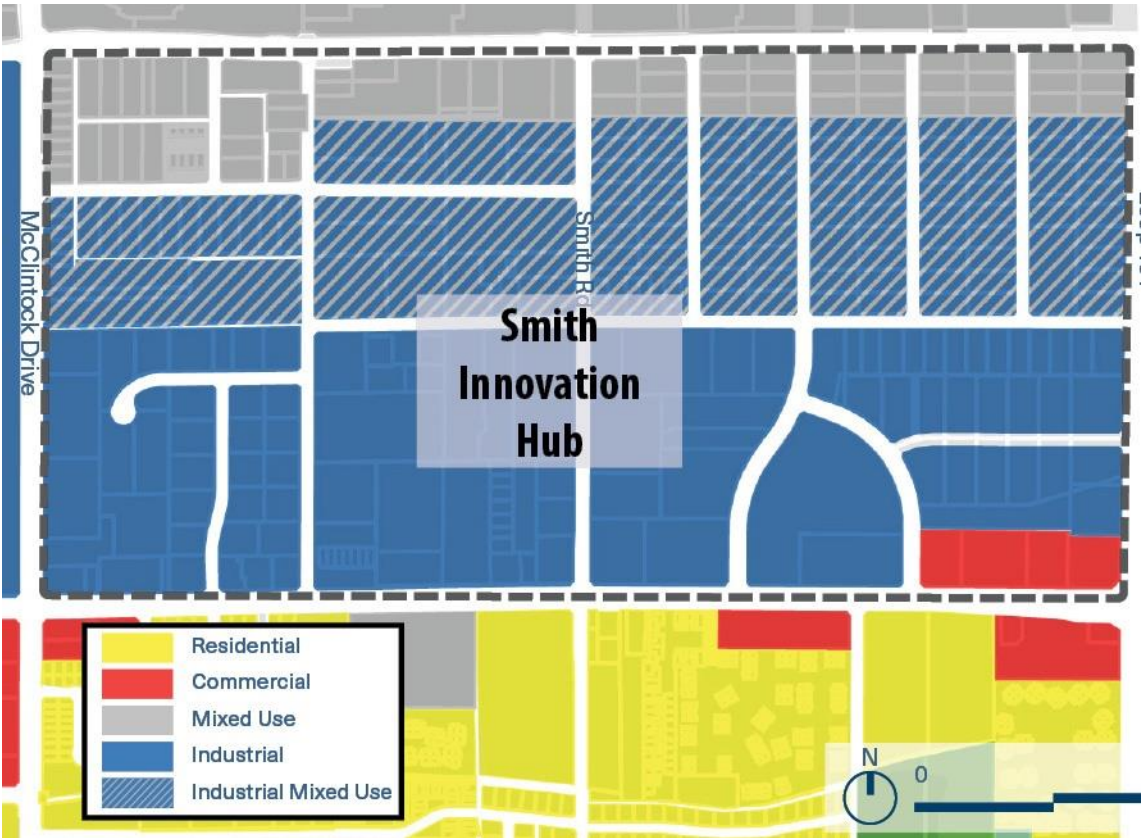


ONLINE  
COMMENTS  
117 Responses





# Background



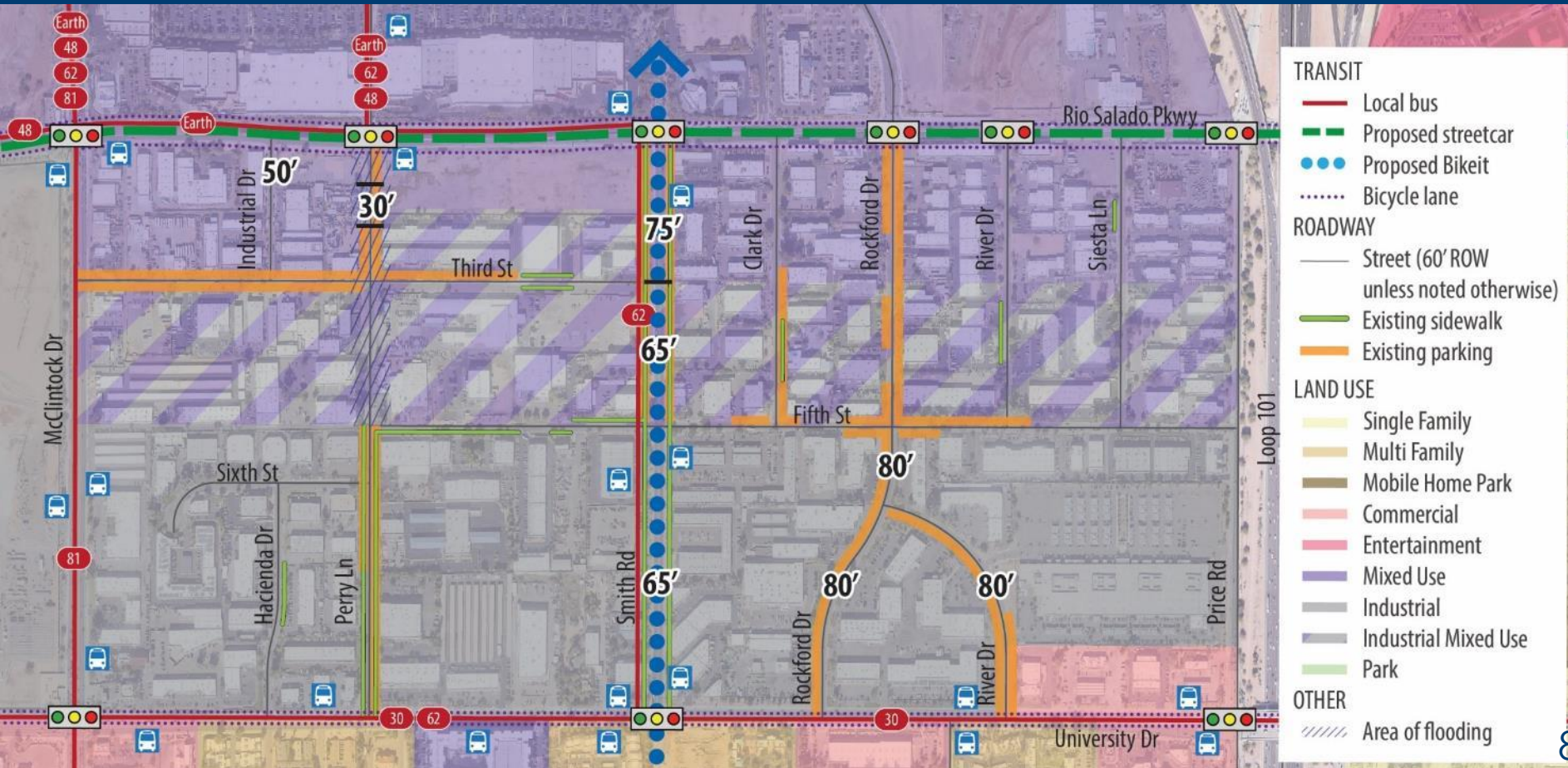
## SMITH INNOVATION HUB POTENTIAL LAND USES



*Note: "Mixed use" may be either vertical or horizontal mixed use.*



# Transportation Overview



# Priorities



Safety



Pedestrian and  
Bicycle Comfort/  
Accessibility

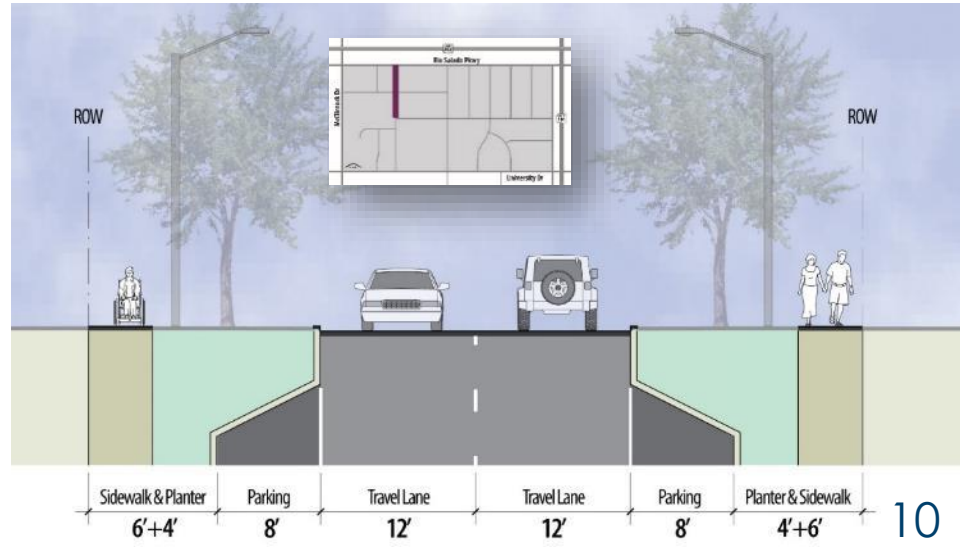


Business Access

# Perry Lane (north of 5<sup>th</sup> Street)



- Sidewalk improvements (ADA)
- Full street section north of 5<sup>th</sup> Street
- Mitigate stormwater runoff and on-street ponding





# Perry Lane (north of Fifth St)



Alternative B with low impact development (LID).



College Avenue, Tempe

Rio Salado Pkwy

3rd St

Perry Ln



Proposed bioretention cell

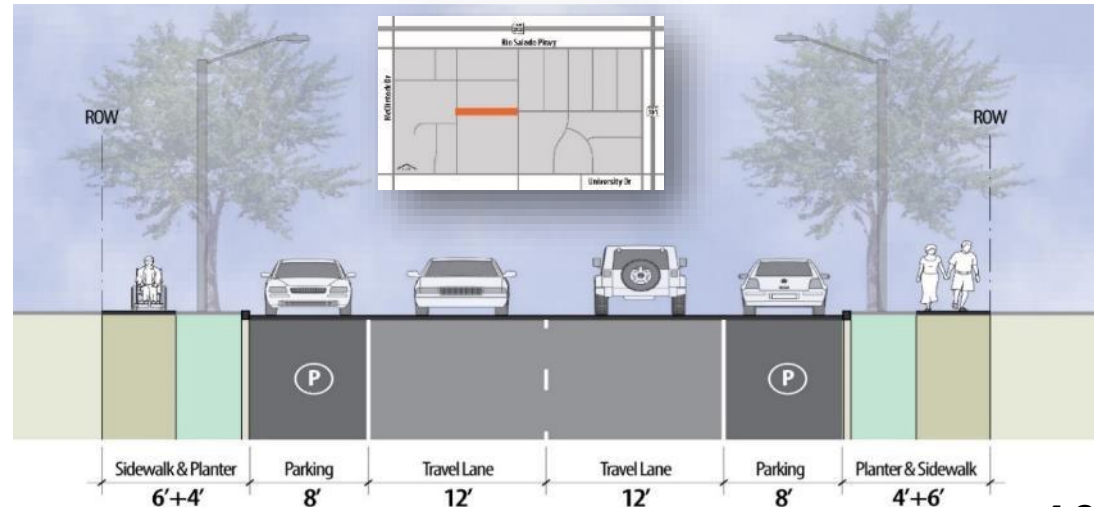


Bioretention planter with curb cuts

# Fifth Street (Perry to Smith)



- Sidewalk improvements (ADA)
- Maintain on-street parking



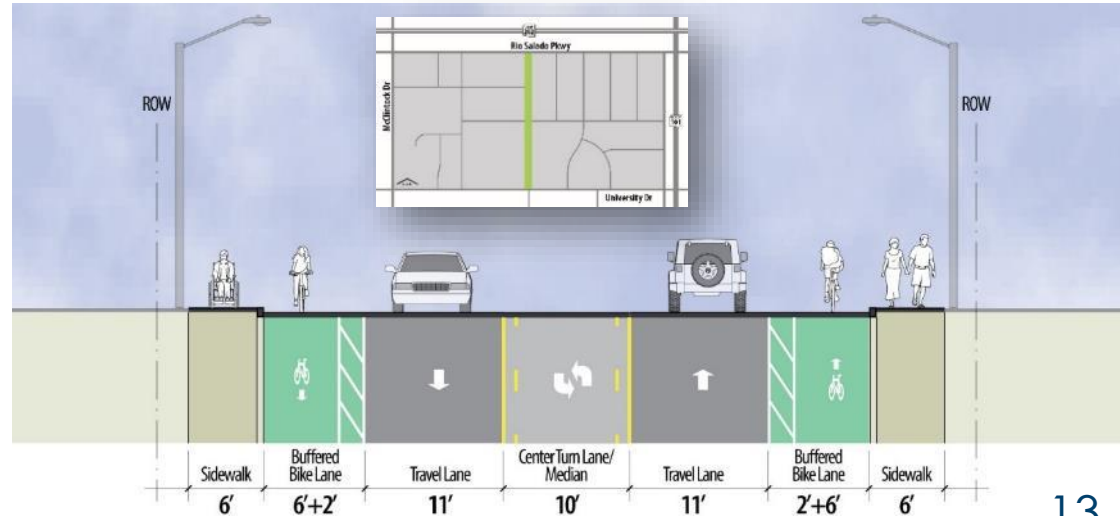
# Smith Road



- Make sidewalk improvements (ADA)
- Add striping for buffered bicycle lanes
- Improve bus stops with shelters, amenities



Smith Road





# Streetscape Summary



Rio Salado Pkwy

## Perry Lane (n of 5<sup>th</sup>)

- Parking both sides
- Low-impact Development
- Lighting

## Alternative B

Detached sidewalk

## Fifth Street

- Parking both sides
- Lighting

## Alternative C

Detached sidewalk

## Smith Road

- Buffered bike lanes
- Lighting

## Alternative A

Maintains two-way left turn lane

## Perry Lane (s of 5<sup>th</sup>)

- Parking both sides
- Lighting

## Alternative A

Attached sidewalk

McClintock Dr

Sixth St

Siesta Ln

Loop 101

Price Rd

Rockford Dr

University Dr

# Lighting



Photo,  
South River Drive

Prioritize at

- Smith Road bicycle route, Perry Lane and Fifth Street





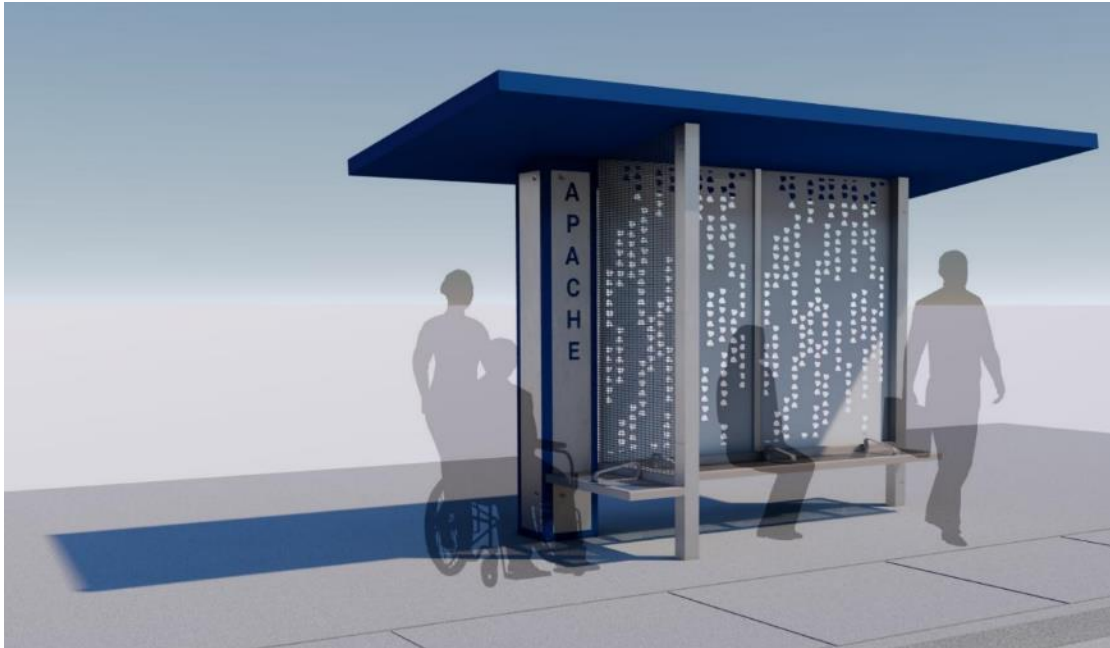


- Master Plan recommendations
- No significant capacity issues as a result of planned land uses
- Identified projects include upsizing pipes<sup>a</sup>
  - 6-inch to 8-inch [2,200 linear feet, total]
  - 8-inch to 12-inch [6,000 linear feet, total]

**Note:**

a. *These improvements are anticipated with new development.*

# Bus Shelters



- Tempe Bus Route 62
- Install appropriate bus shelters and amenities at four stops on Smith Road

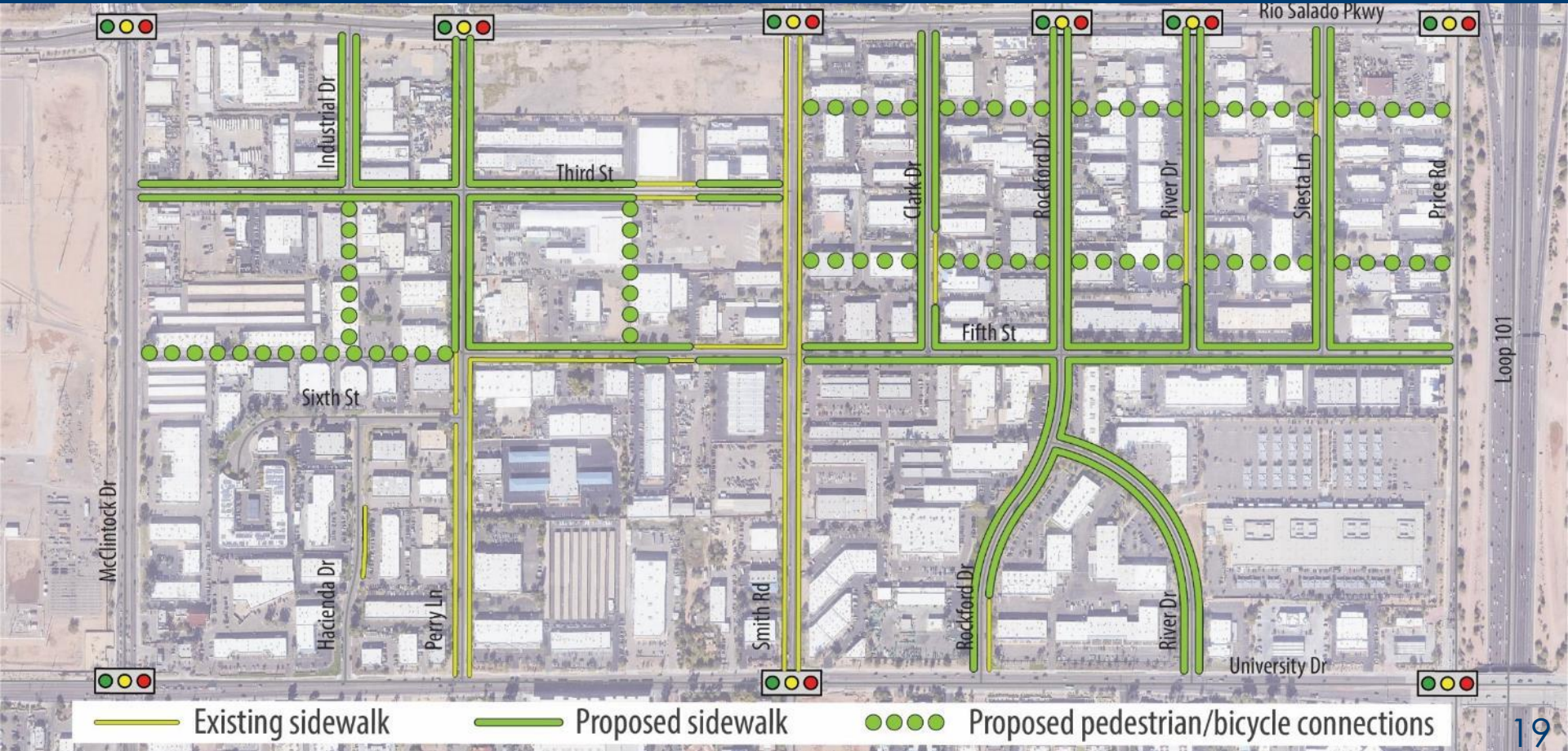
Tempe Transit Shelter (5'x10', small shelter),  
*Designing Tempe's New Transit Shelters (2020).*

# Long-term Focus



- Planning horizon of 2040
- Actions may be implemented through:
  - Capital Investment Plan projects,
  - as opportunities arise, and
  - as part of redevelopment.

# Ultimate Pedestrian Network



# Next Steps



- Present plan to City Council (1/6/22)
- Finalize recommendations and Plan adoption
- Funding request
- Project(s) design and additional outreach

# Questions?

# Project Contacts



**Ken Halloran, Tempe Project Manager**

CIP Design Engineering & Transportation Dept

[Ken\\_Halloran@tempe.gov](mailto:Ken_Halloran@tempe.gov)

480-350-8200

**Jill Buschbacher, Economic Development Program Manager**

[Jill\\_Buschbacher@tempe.gov](mailto:Jill_Buschbacher@tempe.gov)

480-798-0546

Visit [tempe.gov/SmithHub!](http://tempe.gov/SmithHub!)



# MEMORANDUM

**TO:** Tempe Transportation Commission  
**FROM:** Eric Iwersen, Interim Deputy Engineering & Transportation Director  
**DATE:** December 7, 2021  
**SUBJECT:** Future Agenda Items  
**ITEM #:** 7

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## **PURPOSE:**

The Chair will request future agenda items from the Commission members.

## **RECOMMENDATION OR DIRECTION REQUESTED:**

This item is for information only.

- January 4
  - Commission Business
  - Tempe Adaptive Streets Implementation Design Guide
  - Climate Action Plan 2021 Update
  - STEP Manual Update
- February 8
  - Transit Program Update & Bus Service Governance Study / Security Update
  - MAG Prop 400
  - Personal Delivery Devices
  - Scottsdale Road Bike Lanes
- March 8
  - Mobility Hubs
  - Transportation Demand Management Plan/Transportation Management Association
  - Smith Innovation District Transportation Improvements
- April 12
  - All Aboard Arizona
  - Tempe Adaptive Streets Implementation Design Guide
  - North/South Rail Spur MUP
- May 10
  1. Bike Hero
  2. Crosswalk Signal Countdown & Signal Detection for Bicycles
  3. Ash/University Intersection & 1<sup>st</sup>/Ash/Rio Roundabout Traffic Data Counts Update
- June 14
- July 12
- August 9
- September 13
- October 11
  - Annual Report
- November 8
- December 13
- TBD: BRT Study – MAG
- TBD: Bike Bait (once program resumes)
- TBD: Commuter Rail Study/MAG Commuter Rail Plan – MAG
- TBD: AZ State Rail Plan/AZDOT Phoenix-Tucson Corridor Plan – ADOT