



PUBLIC MEETING AGENDA

Joint Meeting of the Transportation Commission and Sustainability Commission

MEETING DATE

Tuesday, November 13, 2018
7:30 a.m.

MEETING LOCATION

Tempe Transportation Center, Don Cassano Room
200 E. 5th Street, 2nd floor
Tempe, Arizona

AGENDA ITEM	PRESENTER	ACTION or INFORMATION
1. Public Appearances The Transportation Commission welcomes public comment for items listed on this agenda. There is a three-minute time limit per citizen.	Ryan Guzy, Commission Chair	Information
2. Approval of Meeting Minutes The Commission will be asked to review and approve meeting minutes from the October 9, 2018 meeting.	Ryan Guzy, Commission Chair	Action
3. Annual Report Staff will present a draft of the 2018 annual report including draft Transportation Commission goals for 2019.	Shelly Seyler, Public Works	Action
4. Climate Action Plan + Transportation Professor and staff from ASU will lead workshop on future of transportation including electric vehicles, autonomous vehicles and the 20-minute city.	Braden Kay, Sustainability Office & Dr. Lauren Withycombe Keeler, ASU	Information and Possible Action
5. Department & Regional Transportation Updates Staff will provide updates and current issues being discussed at regional transit agencies.	Public Works Staff	Information
6. Future Agenda Items Commission may request future agenda items.	Ryan Guzy, Commission Chair	Information and Possible Action

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 Transportation Commission
October 9, 2018

Minutes of the Tempe Transportation Commission held on Tuesday, October 9, 2018, 7:30 a.m. at the Tempe Transportation Center, Don Cassano Community Room, 200 E. Fifth Street, Tempe, Arizona.

(MEMBERS) Present:

Ryan Guzy (Chair)
Jeremy Browning
Susan Conklu (via phone)
Kevin Olson
Bonnie Gerepka
Paul Hubbell

Brian Fellows
Lloyd Thomas
Charles Huellmantel (via phone)
Cyndi Streid
Shana Ellis
Don Cassano

(MEMBERS) Absent:

Charles Redman

City Staff Present:

Shelly Seyler, Deputy Public Works Director
Eric Iwersen, Transit Manager
Vanessa Spartan, Transportation Planner
Tony Belleau, Streetcar Manager
Shauna Warner, Neighborhood Program Manager
Jim Peterson, Lieutenant

Chase Walman, Transportation Planner
Sue Taaffe, Public Works Supervisor
Joe Clements, Transportation Financial Analyst
Robert Yabes, Principal Planner
Laura Kajfez, Neighborhood Services Specialist
Ambika Adhikari, Principal Planner

Guests Present:

John Federico

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

Agenda Item 1 – Public Appearances

None

Agenda Item 2 – Minutes

Chair Ryan Guzy introduced the minutes of September 11, 2018 meeting and asked for a motion.

Motion: Commissioner Paul Hubbell

Second: Commissioner Cyndi Streid

Decision: Approved by Commissioners:

Ryan Guzy	Brian Fellows
Susan Conklu	Lloyd Thomas
Paul Hubbell	Charles Redman
Charles Huellmantel	Cyndi Streid

Commissioners Ellis, Olson, Browning and Gerepka did not arrive to the meeting until after the vote was taken.

Agenda Item 3 – Urban Core Master Plan

Ambika Adhikari made a presentation about the Urban Core Master Plan and Transportation Overlay District. Topics of the presentation included:

- Urban core project area overview
- Other city master plans taken into consideration
- Project components
 - Urban core Area Master Plan
 - Transportation Overlay District
 - Affordable Housing Strategy
- Project goals
- Public feedback
- Potential area 2040 changes
- Pedestrian priorities
- Creating great streets
- Planting and shade
- Integrating plazas
- Development quality
- Key design components
- Street concepts

Discussion was limited to questions and consensus was not requested.

Agenda Item 4 – Bicycle and Pedestrian Grants

Jim Peterson made a presentation regarding Governor's Office of Highway Safety (GOHS) Bicycle and Pedestrian Grants. Topics of the presentation included:

- Background
- Collision statistics
- Traffic bureau mission
- Purpose of grant
- Partnership with GOHS
- Enforcement
- Education

Discussion was limited to questions and consensus was not requested.

Agenda Item 5 – Repaving Streets and Transportation Master Plan Project Interface

Robert Yabes made a presentation about the coordinating of Transportation Master Plan projects and scheduled pavement projects. Topics of the presentation included:

- Analysis
 - Curb to curb

- Travel lane widths
- Bicycle lane widths
- ADA issues
- Resurfacing project list
- Asset management program
- Pavement Quality Index
- Pavement options
- Pavement list
- Cost
- Recent examples
- Upcoming streetscape projects
- Upcoming paving projects

Discussion was limited to questions and consensus was not requested. Chair Ryan Guzy requested that staff explore the process for creating a working group on the subject.

Agenda Item 6 – Department & Regional Transportation Updates

None

Agenda Item 7 - Future Agenda Items

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

- November 13 (Joint meeting with Sustainability Commission)
 - Annual Report
 - Climate Action Plan + Transportation
- December 11
 - Orbit Saturn
 - Alameda Drive Streetscape
 - Market Research
 - Flash
 - Tempe/Mesa Streetcar Extension Study
 - Roundabouts
- January 8
 - Commission Business
 - Commuter Rail
 - Prop 500/BRT
 - T Intersections
 - 20 Minute City
- February 12
 - Paid Media Plan
- March 12
 - McClintock Drive Reconfiguration Data
 - Capital Improvements Project Update
- April 9
 - Vision Zero
- May 14
 - MAG Design Assistance Grants
- TBD: Ordinances Related to Bicycles and Pedestrians

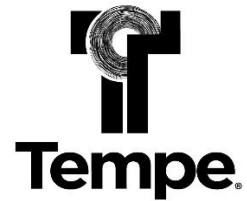
The next meeting is scheduled for November 13, 2018.

The meeting was adjourned at 8:58 a.m.

Prepared by: Sue Taaffe

Reviewed by: Shelly Seyler

CITY OF TEMPE TRANSPORTATION COMMISSION



STAFF REPORT

AGENDA ITEM 3

DATE

November 1, 2018

SUBJECT

Transportation Commission Annual Report

PURPOSE

To request that the Transportation Commission approve the 2018 Transportation Commission Annual Report.

BACKGROUND

To better serve the City Council and community on the work of Tempe's various advisory boards and commissions, the city manager asks staff to produce an annual report detailing the work of the board or commission to submit to the City Clerk by December 7 of each year. The report features the membership, accomplishments, goals, attendance and the overall work of the City's board and commission volunteers. The various reports are combined into one resource for City Council to review. If requested by the Mayor, board and commission chairs may present their annual report to the City Council during a Work Study Session.

FISCAL IMPACT

None

RECOMMENDATION

None

CONTACT

Shelly Seyler
Deputy Public Works Director
480-350-8854
shelly_seyler@tempe.gov

ATTACHMENTS

- Annual Report



TRANSPORTATION COMMISSION 2018 ANNUAL REPORT

Description as Defined in Ordinance:

The transportation commission shall have the following powers and duties:

- (1) To suggest to the mayor and city council qualified and interested persons eligible for appointment for commission vacancies;
- (2) To consult, through the chairman of the commission, with the public works department, as to the items to be included on the agenda of meetings of the commission prior to the preparation and distribution of the agenda by the public works department;
- (3) To prepare and submit an annual report to the city manager and city council including applicable council committees;
- (4) To advise and make recommendations to the city council and to assist city departments and the city manager to plan and implement a balanced transportation system within Tempe which incorporates all forms of transportation in a unified, interconnected manner and complements land use, making a positive environmental impact through reduction of energy consumption, air pollution and congestion, while promoting economic development and providing mobility for all persons, including elderly and disabled;
- (5) To advise and make recommendations to the city council and to assist city departments and the city manager on appropriate performance standards and benchmarks for use in evaluating the city's transportation system and program, based on nationally recognized guidelines and local priorities;
- (6) To advise and make recommendations to the city council and to assist city departments and the city manager on transportation plans, projects and ordinances, including but not limited to:
 - a. To recommend and review short and long-range plans and studies for the city's transportation system, including streets, transit, bicycling, pedestrians and demand management;
 - b. To periodically review and update the transportation elements of the city's general plan;
 - c. To provide input and review regional, state and federal transportation plans, projects and issues especially as provided by federal law; and
 - d. To promote and maintain bicycling as a safe and effective mode of travel for recreation, health and transportation.
- (7) To advise and recommend to the city council and to assist city departments and the city manager annually on the elements of prioritized, unified operating and capital improvement program budgets for transportation;
- (8) To provide a forum for public hearings and other public involvement mechanisms to assure community-based transportation plans, projects and issues, and to meet all federal and other guidelines for public involvement in transportation projects where applicable; and
- (9) To take any such further actions as may be deemed necessary and appropriate to further the goals of the commission.

TCC § {City Code, Chapter 2, Article V, Division 8}

List of Board and Commission Members, Including Attendance and Service Dates from January 2018 to November 2018:

<u>Board/Commission Members:</u>	<u>Service Dates:</u>	<u>Attendance Record:</u>
Browning, Jeremy	12/31/2019	Attended 8 meetings out of 8
Streid, Cyndi	12/31/2019	Attended 7 meetings out of 8
Conklu, Susan	12/31/2020	Attended 7 meetings out of 8
Fellows, Brian	12/31/2020	Attended 7 meetings out of 8
Gerepka, Bonnie	12/31/2020	Attended 5 meetings out of 8
Guzy, Ryan	12/31/2020	Attended 8 meetings out of 8
Thomas, Lloyd A.	12/31/2020	Attended 8 meetings out of 8
Cassano, Don	12/31/2018	Attended 5 meetings out of 8
Huellmantel, Charles	12/31/2018	Attended 5 meetings out of 8
Lerner, Shereen	4/15/2018	Attended 2 meetings out of 4
Olson, Kevin	12/31/2018	Attended 7 meetings out of 8
Redman, Charles	12/31/2018	Attended 7 meetings out of 8
Shana Ellis	12/31/2019	Attended 7 meetings out of 8
Paul Hubbell	12/31/2019	Attended 7 meetings out of 8
Nigel A.L. Brooks	12/31/2019	Attended 7 meetings out of 7
David A. King	12/31/2021	Attended X meetings out of 1
John Kissinger	12/31/2019	Attended X meetings out of 1

Name of Chair and Vice Chair:

- Chair – Ryan Guzy
- Vice Chair – Shana Ellis

Staff Liaison and Contact Information:

<u>Staff Liaison:</u>	<u>Department:</u>	<u>Phone:</u>	<u>Email:</u>
Shelly Seyler	Public Works	480-350-8854	shelly_seyler@tempe.gov

Meeting Frequency and Location:

Meetings are typically held the second Tuesday of the month at 7:30 a.m. at 200 E. Fifth Street, Don Cassano Community Room, Tempe, AZ 85281. Between January and November 2018, nine meetings were held. The December meeting will be held after the report is due.

Number of Meetings Cancelled and Reason for Cancellation:

The June and July 2018 meetings were cancelled due to lack of agenda items.

Vacancies and Duration of Vacancies:

Shereen Lerner resigned in April 2018 and the seat was filled in October.
 Nigel A.L. Brooks resigned Sept. 30, 2018 and the seat was filled in October.

Subcommittee and Subcommittee Activity:

Did the Board/Commission have any subcommittees active during the reporting period? YES NO

Mission Statement:

The mission of the Transportation Commission is to ensure that the city has a balanced transportation system which incorporates all forms of transportation in an interconnected manner while complementing land use, making a positive environmental impact through reduction of energy consumption, air pollution and congestion, promoting economic development, providing mobility and accessibility for all persons, and creating a forum for residents to provide input on transportation plans, projects and issues.

Accomplishments (Past 12 Months):

Council Priority: Implementing sustainable growth and development strategies, including improving Tempe's public transit system to meet future needs, by actively seeking innovative technologies and leading the way in creating a more sustainable community.

Transportation Commission Accomplishments as they relate to the above-mentioned Council priority:

Bike Hero: Commission selected JC Porter as the 2018 Bike Hero Award recipient.

Vision Zero: Commission supported the City Council making an official commitment to Tempe becoming a Vision Zero city.

Fifth Street Streetscape Project: Commission recommended maintaining design Concept A for the project which is consistent with the strategic priority related to Vision Zero.

Dockless Bicycle Right-of-Way Use License: Commission recommended the following:

- Implement a fee to include performance incentives
- Consider adding a refundable bond element
- Allow staff to make the necessary adjustments to the license as needed
- Re-evaluate the user indemnification requirement

Ordinances Related to Bicycles and Pedestrians: Commission recommended creating a working group to make modifications to Section 7-52 of the city bike ordinance.

Setting Speed Limits: Commission supported staff's recommended speed limit changes.

MAG Pedestrian Design Assistance Grants: Commission approved submitting the North Bank – Grand Canal Connection project for the grant.

Annual Report: Commission approved the 2018 Transportation Commission Annual Report.

Goals Related to City Council Strategic Priorities, if Applicable (Next 12 Months):

- Recommend recipient for annual Bike Hero Award
- Recommend FY 2019/20 paid media plan
- Recommend project(s) to be submitted for regional and federal grants
- Monitor and provide feedback for Tempe Streetcar project, bus and light rail operations, bicycle and pedestrian projects and bike share program
- Oversee strategic development of transportation systems and use of transit funds
- Monitor progress and provide feedback of Transportation Master Plan, the transportation chapter of the General Plan and emerging transportation technologies

- Monitor and provide feedback on Vision Zero plan
- Ensure programs and projects are compliant with Americans with Disabilities Act (ADA)

CITY OF TEMPE TRANSPORTATION COMMISSION



STAFF REPORT

AGENDA ITEM 4

DATE

November 13, 2018

SUBJECT

Climate Action Plan + Transportation

PURPOSE

Staff from the Sustainability Office and Transportation Division will discuss strategies Tempe can use in supporting a low carbon future as well as ways to promote existing innovative transportation programs and projects. In addition, staff will provide information and engage the commission on how Tempe can embrace autonomous and electric vehicles.

BACKGROUND

None

FISCAL IMPACT

None

RECOMMENDATION

None

CONTACT

Braden Kay
Sustainability Director
480-350-8867
Braden_kay@tempe.gov

ATTACHMENTS

PowerPoint

Joint Meeting of the Transportation and Sustainability Commissions

Climate Action Plan

November 13, 2018



Climate Action Plan

Transportation Choices | 20-Minute City

November 13, 2018





Who is Tempe?

- Land locked
- Fast growing
- 40 square miles
- Regional destination
- Night time v. day time population (190K v. 321K)
- Roadway network built out



How do we accommodate growth?

- Limited opportunities for roadway capacity improvements
- Underutilized non-roadway infrastructure
- Diversifying roadway functions
- Moving of people and goods
- Other related City Council strategic initiatives:
 - Traffic Delay Reduction
 - Vision Zero
 - Carbon Neutrality



What is the 20-minute City?

- General Plan, Transportation Master Plan, and Council strategic initiative (performance measure)
- Walking, biking and transit connections between homes and hubs of activity
- **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.**

Seeking the 20-minute city

A 20-minute city is characterized by a vibrant mix of commercial and residential establishments within a



***1-mile walking distance,
4-mile bike ride or
20-minute transit ride.***

The 20-minute city premise is at the core of planning for traditional neighborhood design, transit-oriented development and complete streets. A few of the many benefits of the 20-minute city are reduced transportation costs, reduced greenhouse gas emissions, improved public health and improved access to residents' daily needs.





20-minute City: **Factors to Consider**

● **People**

- Understanding locations where people are more likely to use pedestrian, bicycle and transit infrastructure

● **Destinations**

- Identification of the relevant destinations for daily necessities and quality of life amenities

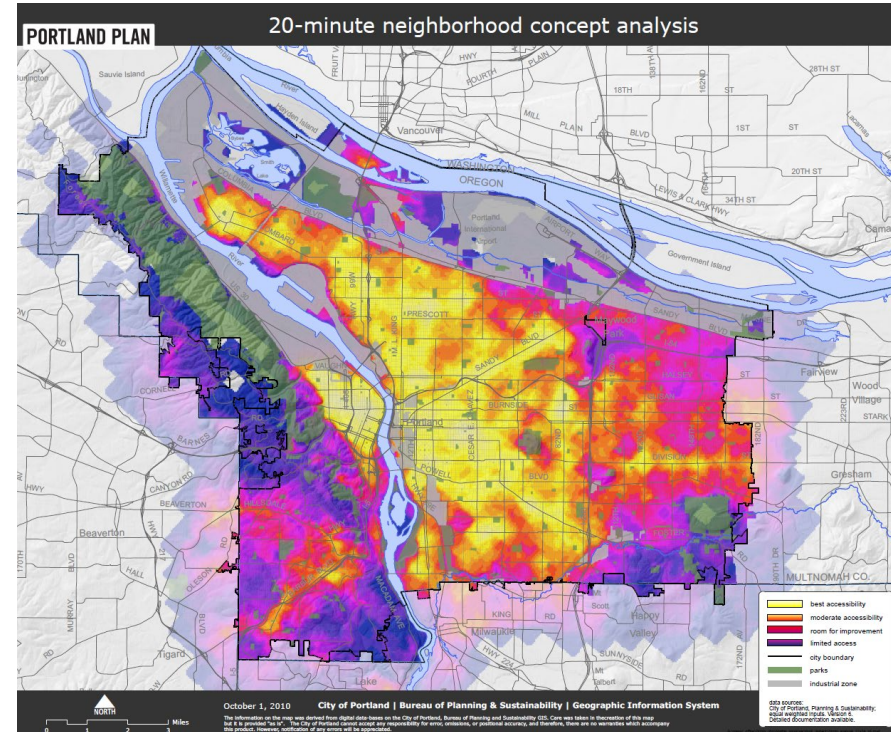
● **Networks**

- Assessment of the three transportation networks (pedestrian, bicycle, transit)



20-minute City: **Improvements**

- Filling ‘gaps’ in travel networks
- Filling ‘gaps’ in destination types
- Assessing which transportation improvements cover a larger area
- Initial Assessment
- Area Assessment at time of Area Planning processes



The image features a central light blue circle containing the text "Transportation Expert Forum". This circle is surrounded by a series of concentric, hand-drawn style lines in dark blue and yellow, creating a tunnel-like or vortex effect. The lines are thicker and more irregular on the outer edges, becoming thinner and more uniform towards the center.

Transportation Expert Forum



Transportation Expert Forum

- What have we heard?
 - Public Forum Results (scores)
 - Transit Survey Results (percentage)
- What should be our priorities, policies or strategies?
 - Roadway Reconfiguring
 - Travel Demand

Public Forum Results

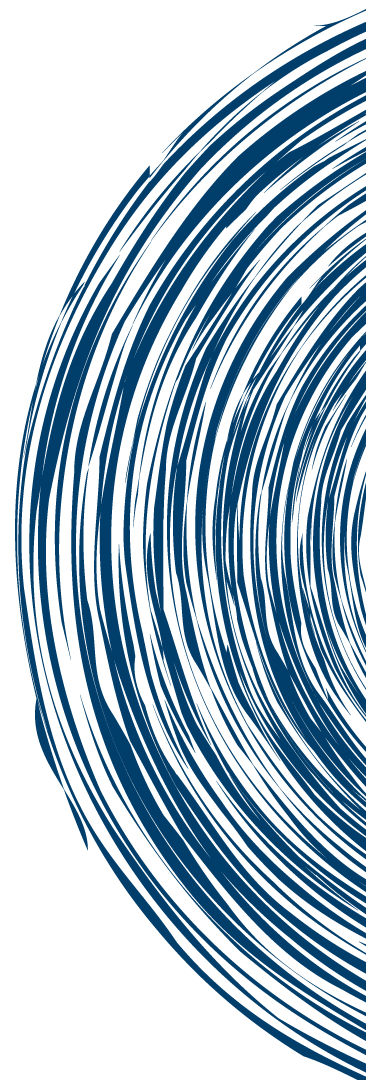
What is your preferred mode of transportation?

● Primary Mode

- Driving (24)
- Carpool/Vanpool (24)
- Bike (18)
- Transit (9)
- Scooter (3)
- Walk (0)

● Secondary Mode

- Carpool/Vanpool (14)
- Driving (10)
- Bike (10)
- Walk (8)
- Transit (4)
- Scooter (0)



Public Forum Results

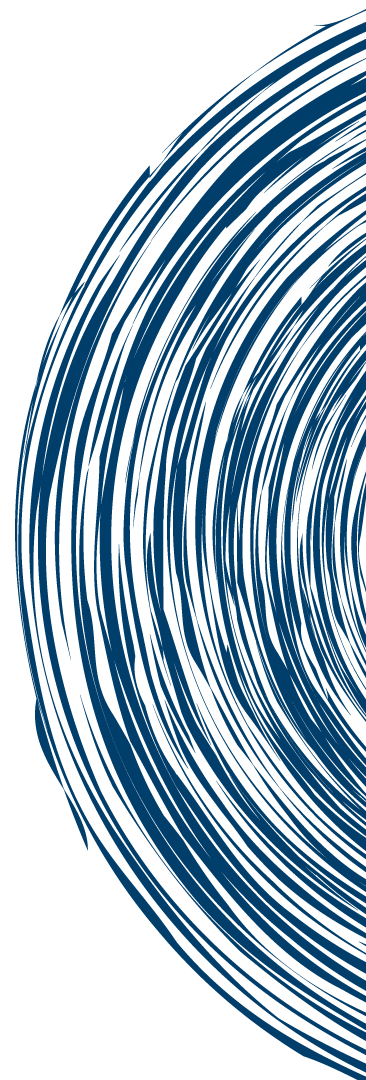
Where do people want to go?

● Daily Necessity Destinations

- Grocery Stores (48)
- Restaurants (27)
- Fitness Centers (24)
- Retail Goods/Services (7)
- Healthcare Facilities (5)

● Quality of Life Destinations

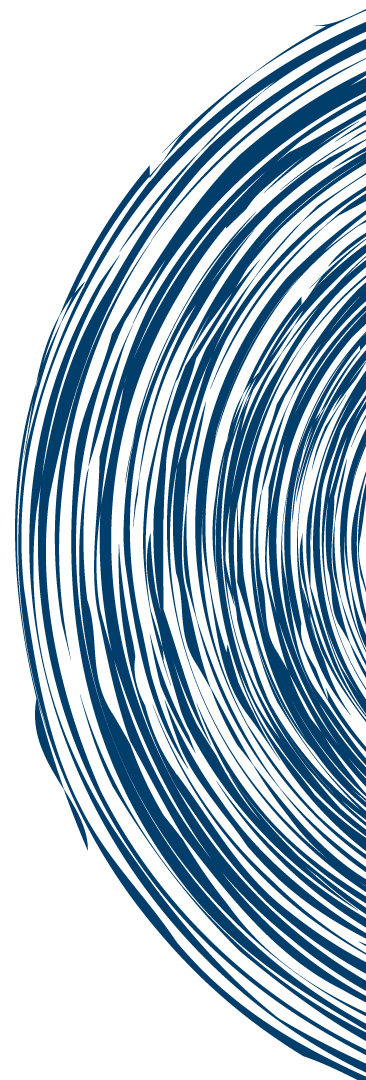
- Parks (26)
- Schools (18)
- Festivals/Event Spaces (17)
- Shopping/Entertainment Districts (13)
- Farmers Markets (12)
- Libraries (7)



Public Forum Results

Why don't you walk, bike, take transit, or carpool?

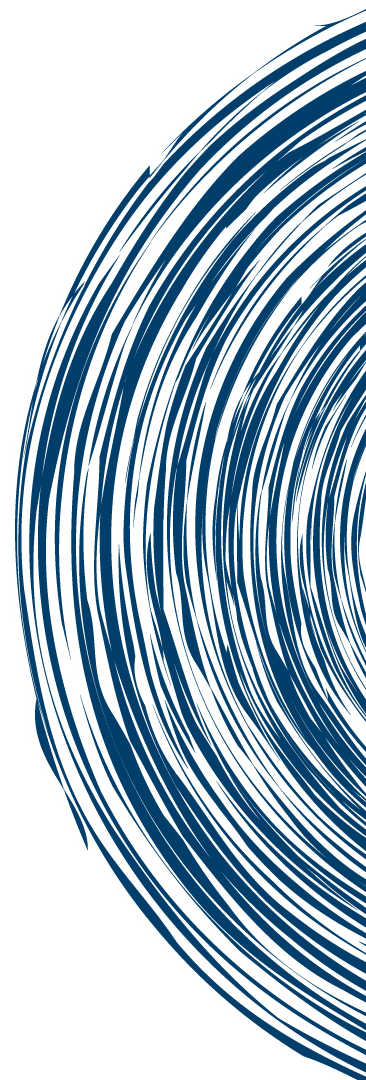
- Travel time (28)
- Proximity (25)
- Convenience (23)
- Safety (22)
- Level of stress (13)
- Predictability (3)
- Incentivization (3)
- Access (2)
- Transportation costs (1)



Public Forum Results

What investments will get you out of your car?

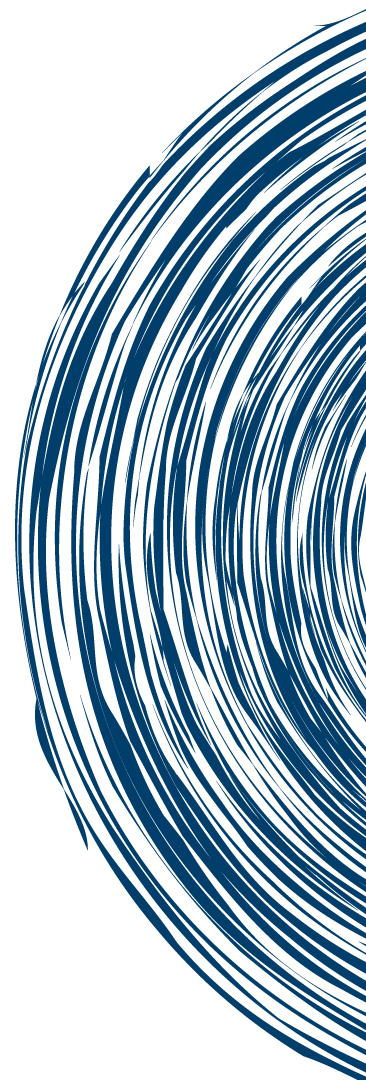
- Improved transit service frequency (30)
- Enhanced/dedicated bicycle facilities (28)
- First/last mile program (19)
- Enhanced pedestrian realm (17)
- Reliable information (15)
- Expanded transit service area (15)
- Roadway reconfiguring (5)



Transit Survey Results

Reasons for Not Riding Transit

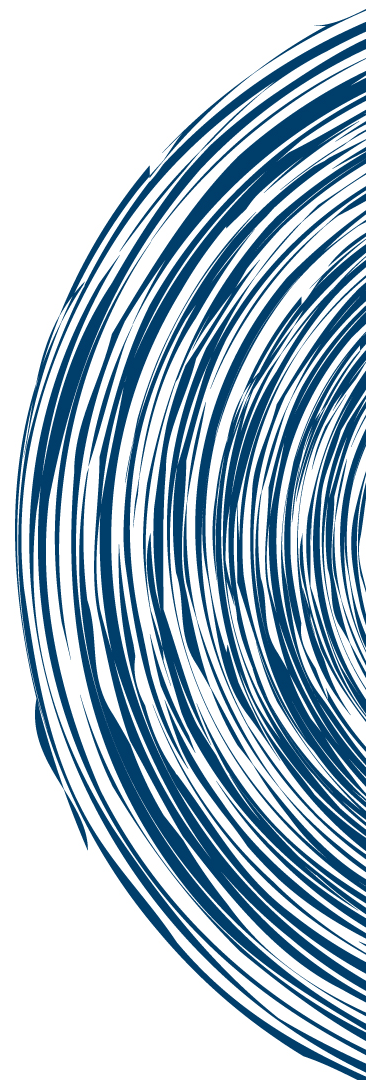
- Prefer car – 59%
- Bus stop far away – 11%
- Takes too long – 8%
- Need car for business – 7%
- Doesn't go where they need to go – 7%
- Inconvenient (general) – 6%
- Don't know how to use transit system/bus – 6%
- Don't need to, don't have the need to use – 4%
- Health/disability – 3%
- Transit is not secure – 3%
- Not frequent enough – 2%



Transit Survey Results

Reasons for Not Riding Bicycle

- Too hot outside/hot weather – 38%
- Physical condition/my health – 9%
- Distance/too far – 9%
- Takes too long – 7%
- Bike not working properly/bike not functional– 6%
- Have little kids/drive kids around– 6%
- Have a car/rather take a car– 6%
- Time/convenience/too busy – 4%
- Lazy/don't want to ride it – 4%
- Too much traffic 3%
- Not enough bike lanes/bike paths – 2%





Priorities

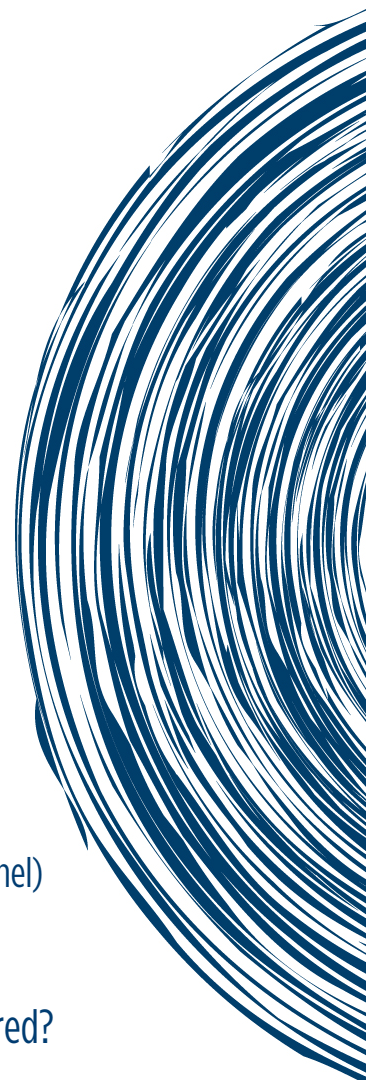
What roadway reconfiguring policies or strategies should be considered?

● Existing City strategies:

- Maintain vehicle capacity
- Unprotected and protected bike lanes
- Enhance pedestrian facilities and streetscaping
- Signalized “mid-block” crossings

● Additional strategies to be considered:

- Lane reduction for dedicated transit lanes, bicycle lanes, or shared bus/ bike lanes
- Access control medians
- Off-street/back of curb bicycle facilities
- Protected intersection designs
- Refuge island “mid-block” crossings
- Grade-separated bike/ped crossings (bridge or tunnel)
- Is there more that we should be doing?
- Are there other solution sets that should be considered?



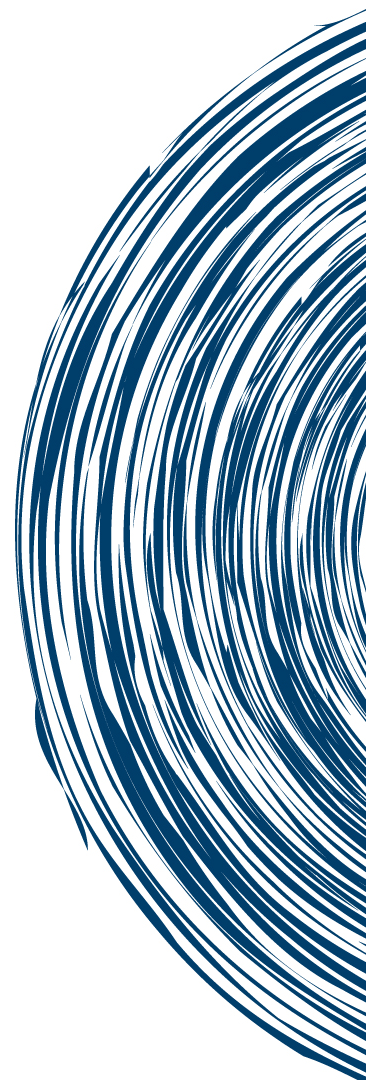
What transportation demand management policies or strategies should be considered?

Existing City strategies:

- Enhance Transit Service and Facilities (Light Rail and Streetcar)
- Transit Amenities (high ridership stops)
- Increase ease of obtaining transit passes / discounted passes (Valley Metro Mobile Pay)
- Coordinate Transit Schedules
- Accurate Real-Time Transit Info (Text for Info)
- Standardized Wayfinding (ValleyPath)
- Park-and-Ride
- Carpool/Vanpool Program
- ASU ZipCar
- Carpool Parking

Additional strategies to be considered:

- Dedicated Bus Lanes
- Eco-Passes
- Free Fare Zones
- Universal Transit Passes
- LyftShare / UberPool / Scoop
- Improved Real-Time Transit Info at Stations or Multimodal Apps
- Parking Strategies
- Mode Split Targets
- Is there more that we should be doing?
- Are there other solution sets that should be considered?





Thank You

 **Robert Yabes**
City of Tempe Public Works
Transportation Planning Manager

 **Vanessa Spartan, AICP**
City of Tempe Public Works
Transportation Planner



CITY OF TEMPE TRANSPORTATION COMMISSION



STAFF REPORT

AGENDA ITEM 6

DATE

November 1, 2018

SUBJECT

Future Agenda Items

PURPOSE

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

BACKGROUND

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

- December 11
 - Orbit Saturn
 - Market Research
 - Flash
 - Tempe/Mesa Feasibility Extension Study
 - Roundabouts
 - Alameda Drive Streetscape
- January 8
 - Commission Business
 - Prop 500/BRT
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 - Capital Improvements Project Update
- April 9
 - Vision Zero
 - Speed Limits
 - Paid Media Plan
- May 14
 - MAG Design Assistance Grants
- TBD: Ordinances Related to Bicycles and Pedestrians

RECOMMENDATION

This item is for information only.

CONTACT

Shelly Seyler

480-350-8854

shelly_seyler@tempe.gov