

Tempe's Proposed Transit Shelter Designs

2nd Round of Public Meetings
January 18 and 21, 2020

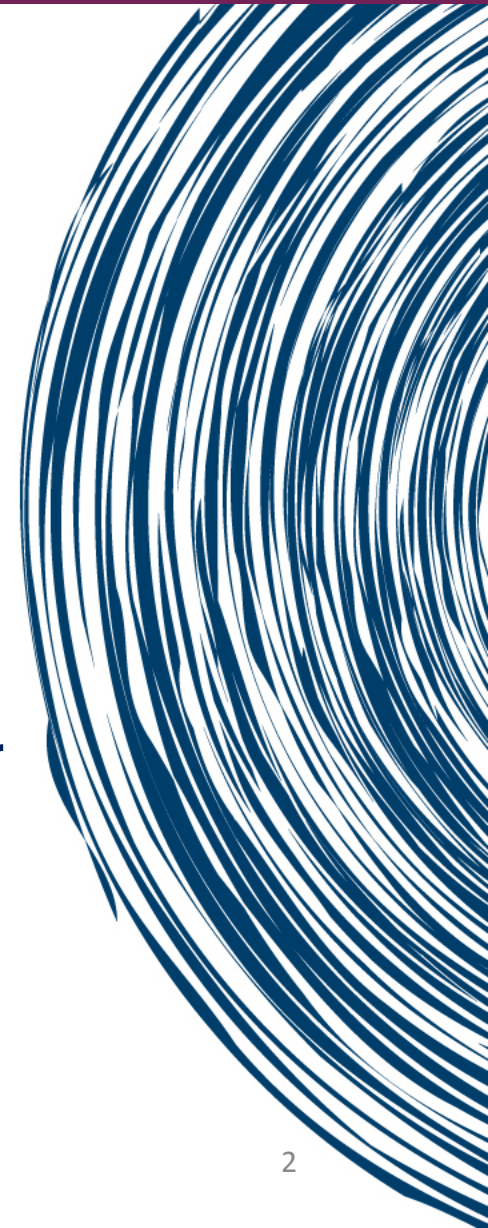




Quality of Life

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.

3.29: Achieve a rating of “Very Satisfied” or “Satisfied” with the “Overall Satisfaction with Transit System in Tempe” greater than or equal to 80% as measured by the City of Tempe Transit Survey.



Project Overview & Background



- develop shelter designs to increase ridership by improving the waiting environment and provide an iconic identity for the transit system
- 806 transit stops in Tempe; 38% have shelters
- working with stakeholders to develop a sustainable, comfortable shelter that adapts to a variety of locations



Transit Shelter Design Steering Committee



Purpose: to provide their experience & knowledge about Tempe's transit system & shelters, as members who:

- have skills in design, art, materials research;
- use the shelters, ride or drive the bus, or manage bus systems;
- participate on city commissions;
- are residents, local businesses, students or property owners;
- represent ASU, Valley Metro, First Transit

Transit Shelter Design Steering Committee



Meeting 1 (Aug. 14, 2019):

- Introduction of project goals and timeline
- Solicitation of operational features from each member's perspective
- Discussion and review of design goals
- Review of key demographics impacting shelter design & overview of City transit system
- Brainstorming of inspirations/design ideas for key shelter components

Meeting 2 (Nov. 12, 2019):

- Key design consideration discussion
- Preliminary material discussion
- Presentation, review and ranking of preliminary concepts
- Group discussion of concepts



- Public meetings Sept. 21 & Sept. 25, 2019
- Postcards to get input mailed to 3,853 households - based on adjacent bus stops with highest ridership
- Online radio ads, online display ads, social media, PR
- Online comment taken from 9/21/19 – 10/16/19
- 124 unduplicated survey responses received

Community Survey Results



Priority Ranking of Various Shelter Elements Based on Responses Received:

- | | |
|-----------------------------------|---------------------------------|
| 1: Shade | 8: ADA Accessibility |
| 2: Seating | 9: Use of Sustainable Materials |
| 3: Lighting | 10: Resistance to Vandalism |
| 4: Availability Route Info | 11: Bike Racks |
| 5: Rain Protection | 12: Public Art Incorporated |
| 6: Visibility Oncoming Traffic | 13: Scooter Parking |
| 7: Trash/Recycle Bin Availability | |

Transit Shelter Design Goals



maximize shade!

architecturally unique to the City of Tempe

sustainability focused

good investment for long life

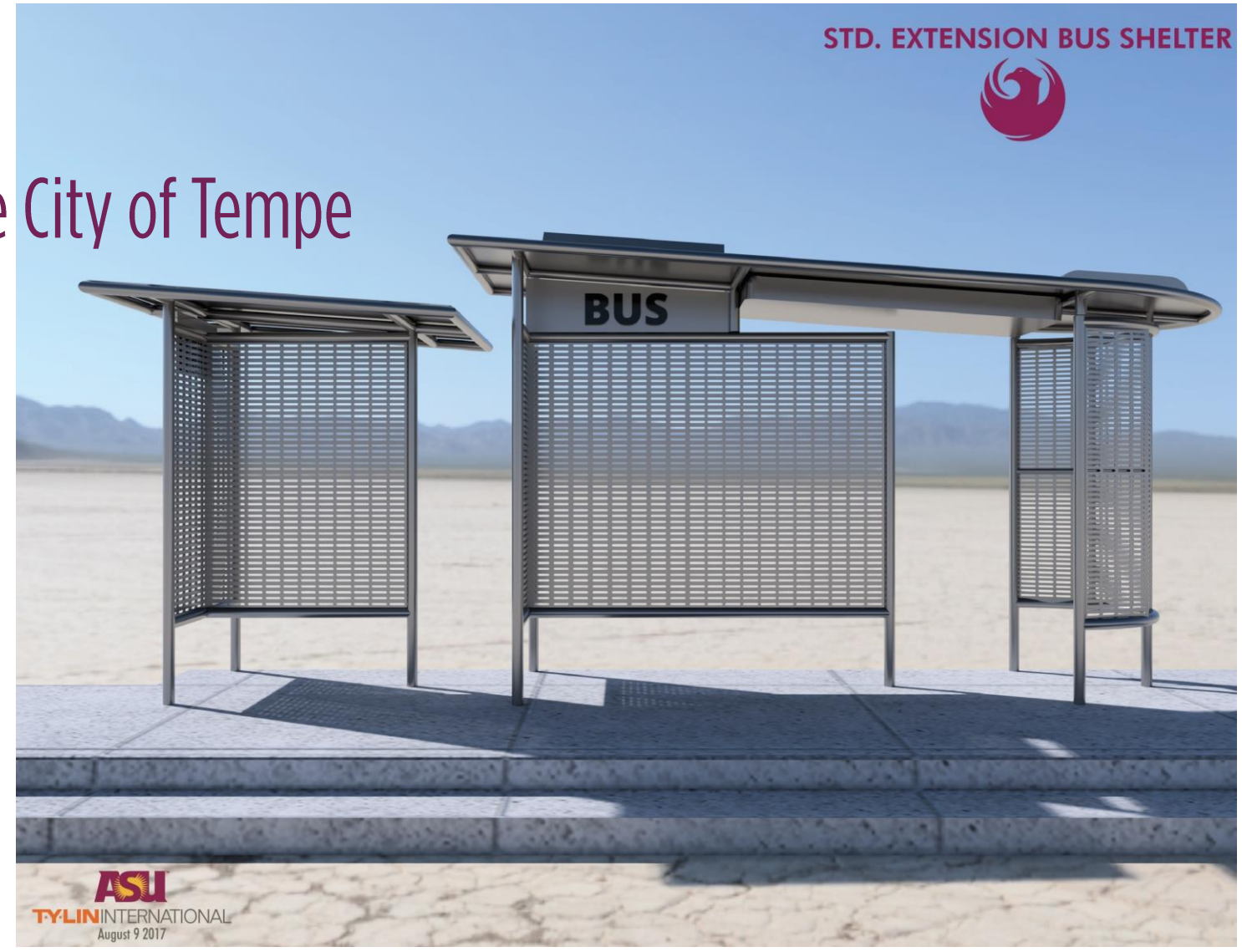
comfortable and safe

flexible modular design
for variety of sites

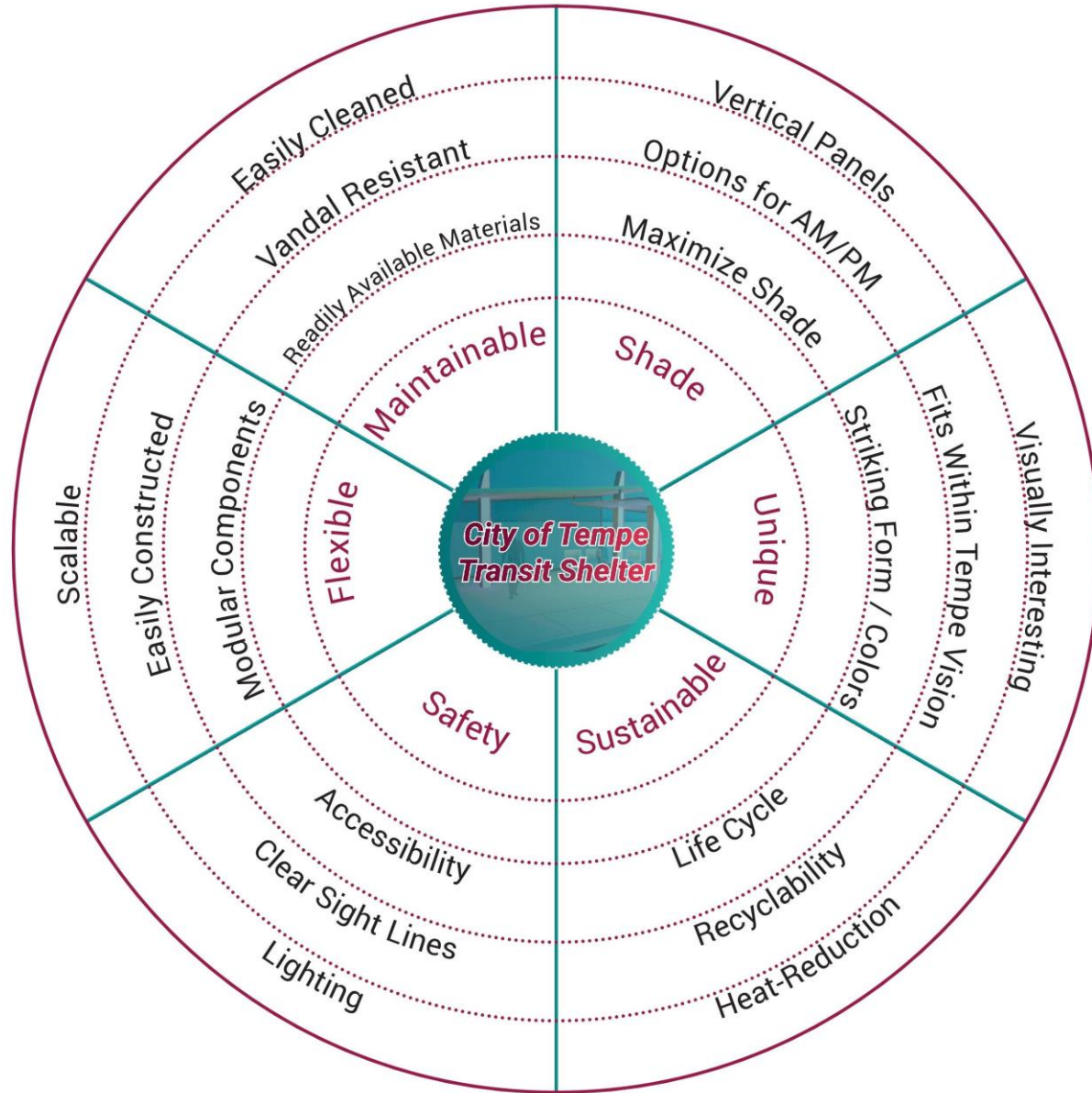
cool

ADA

easy to install
& maintain



Transit Shelter Design Considerations



Transit Shelter Design Inspiration, Materials & Colors



Iconic Tempe Landmark



Hayden Flour Mill



Hayden Butte "A" Mountain



Mill Avenue Bridge



Tempe Municipal Building



LoPiano Mesquite Bosque

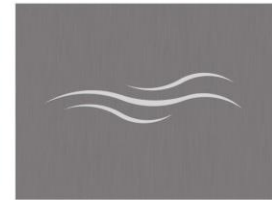
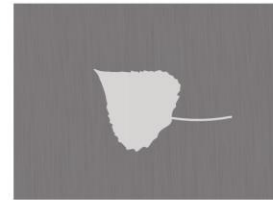
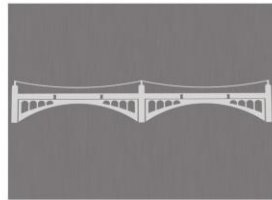
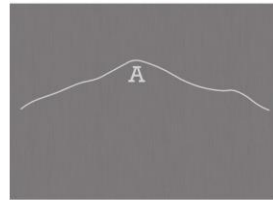
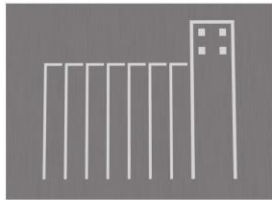


Tempe Town Lake



Tempe "T" Logo

Developed Logo



Color Inspiration



Potential Materials



Architectural Mesh



Architectural Color Mesh



Perforated Corrugated Panels



Perforated Panels



Bar Grating



Vine Screen



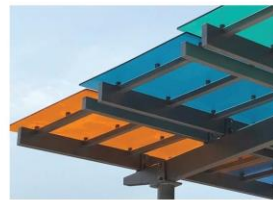
Patterned Metal Panels



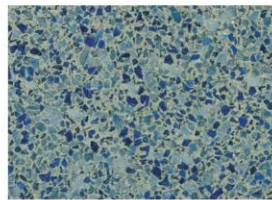
Patterned HDPE Panels



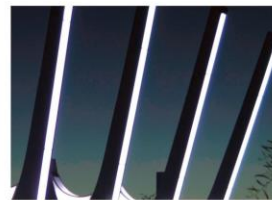
Solid HDPE Panels



3form Panel



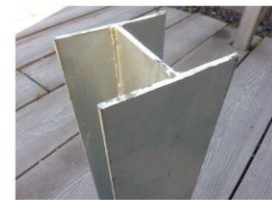
Blue Lithocrete



Lit Acrylic Panel



Heavy Sandblast Finish



Painted Steel I Beams



Painted Steel Pipes

Transit Shelter Design Concept A Sizes



Micro



Compact - 5' x 10'



Regular - 5'-6" x 16'-6"

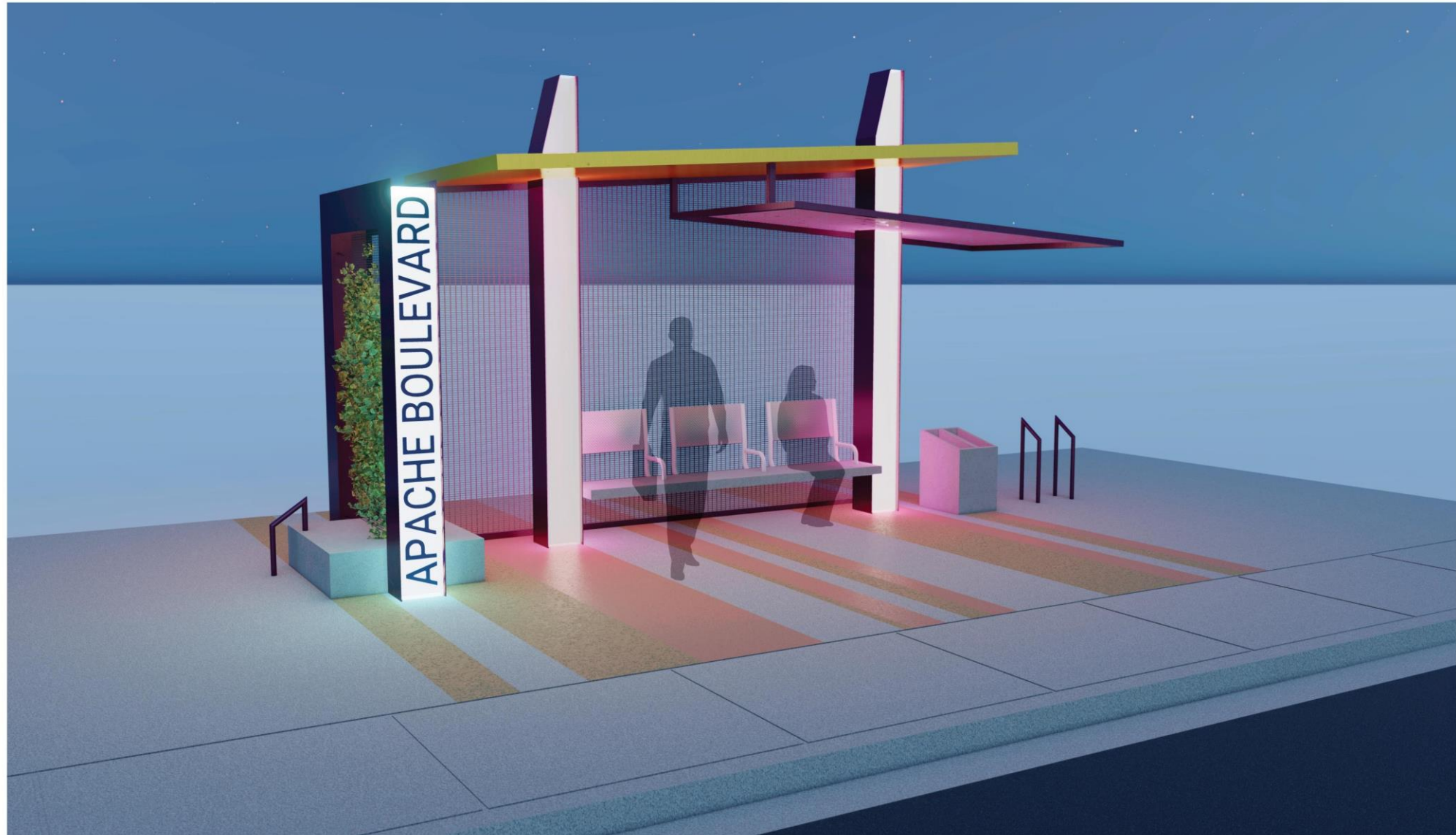


Large 9' x 18' to 9' x 27'

Transit Shelter Design Concept A Materials



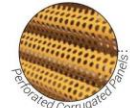
Transit Shelter Design Concept A Evening



Transit Shelter Design Concept B Sizes



Transit Shelter Design Concept B Materials



Perforated Corrugated Panels



Cast Concrete Seating



Painted Steel Pipe

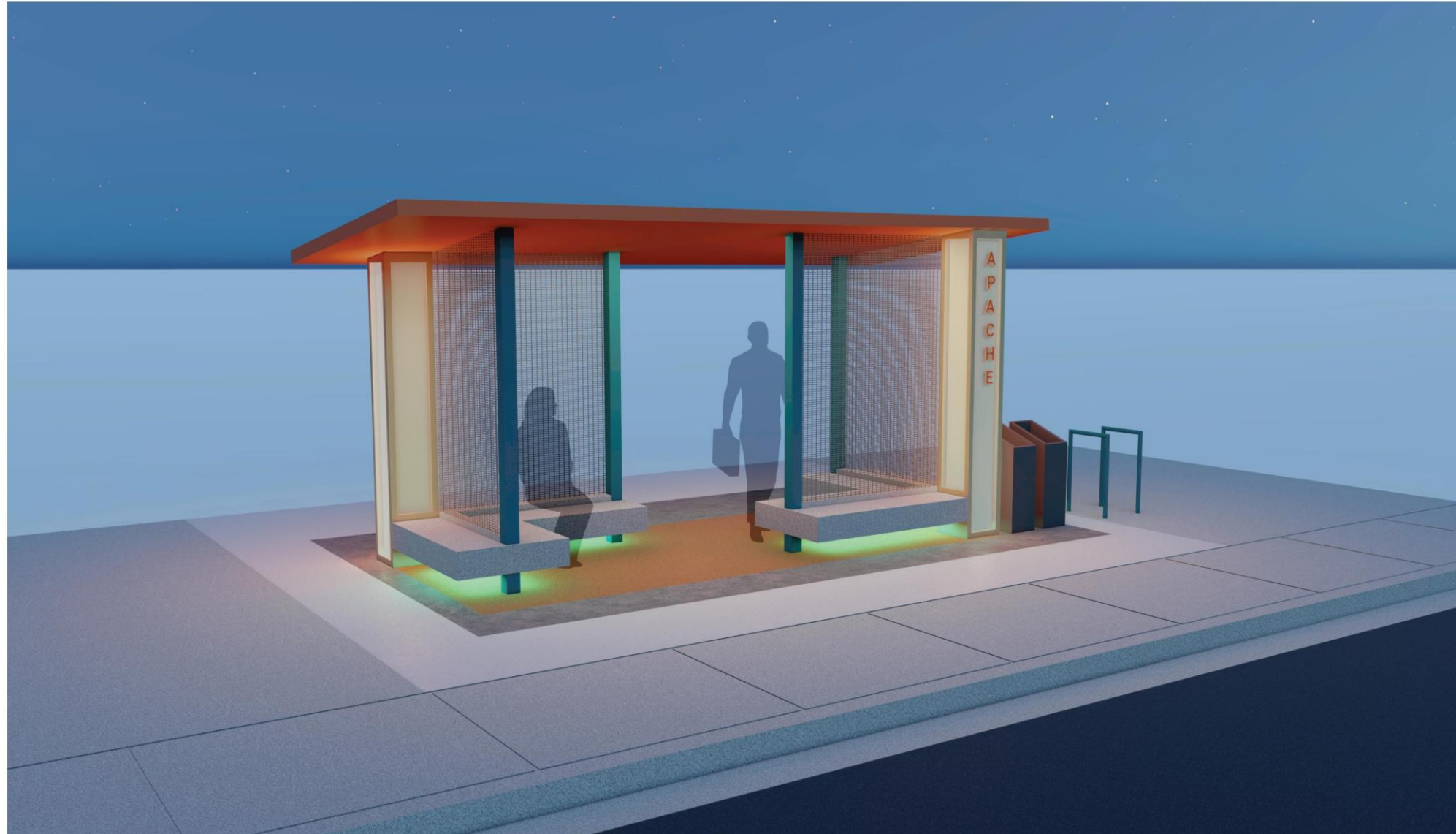


Lit Acrylic Trim



Heavy Sandblast

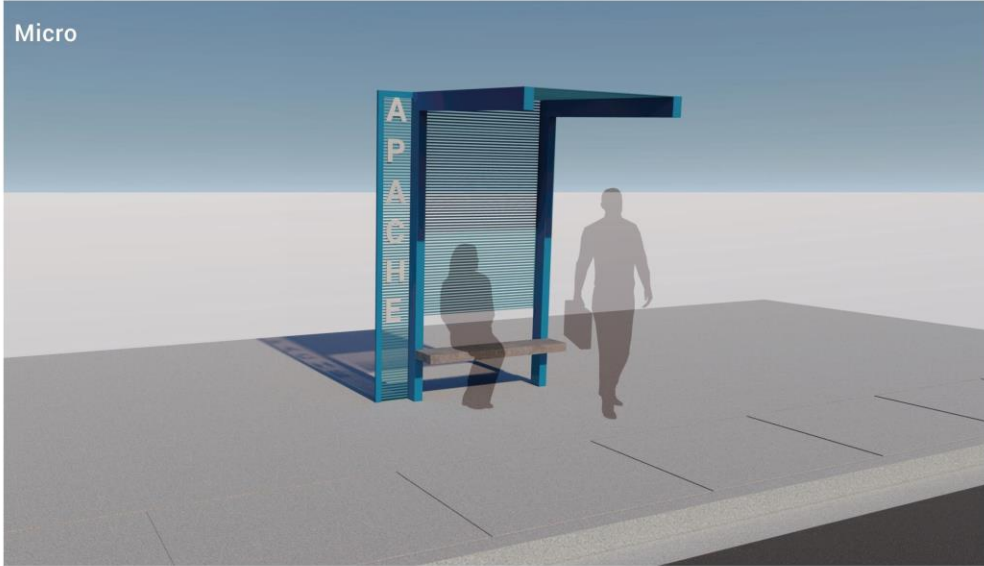
Transit Shelter Design Concept B Evening



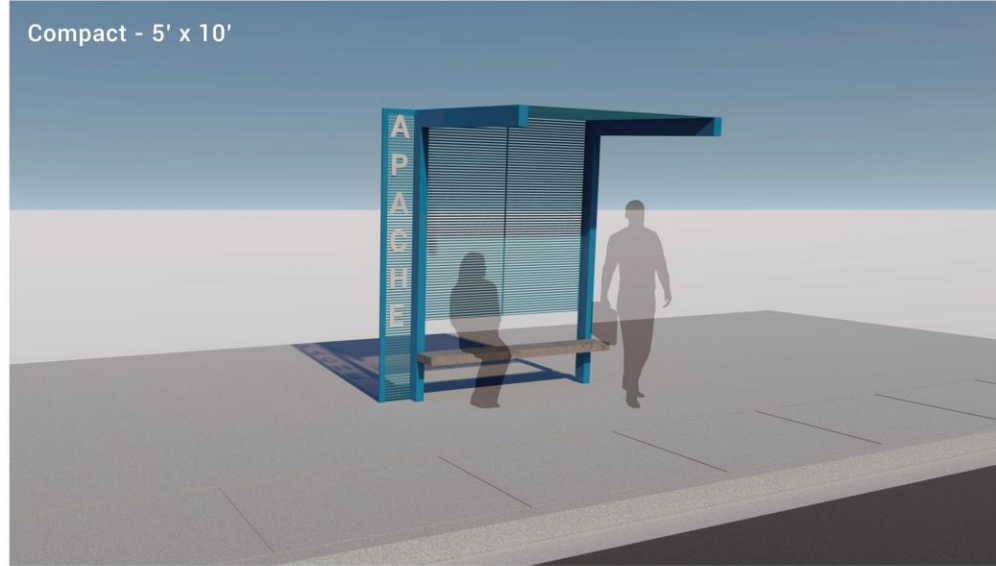
Transit Shelter Design Concept C Sizes



Micro



Compact - 5' x 10'

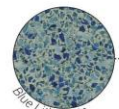
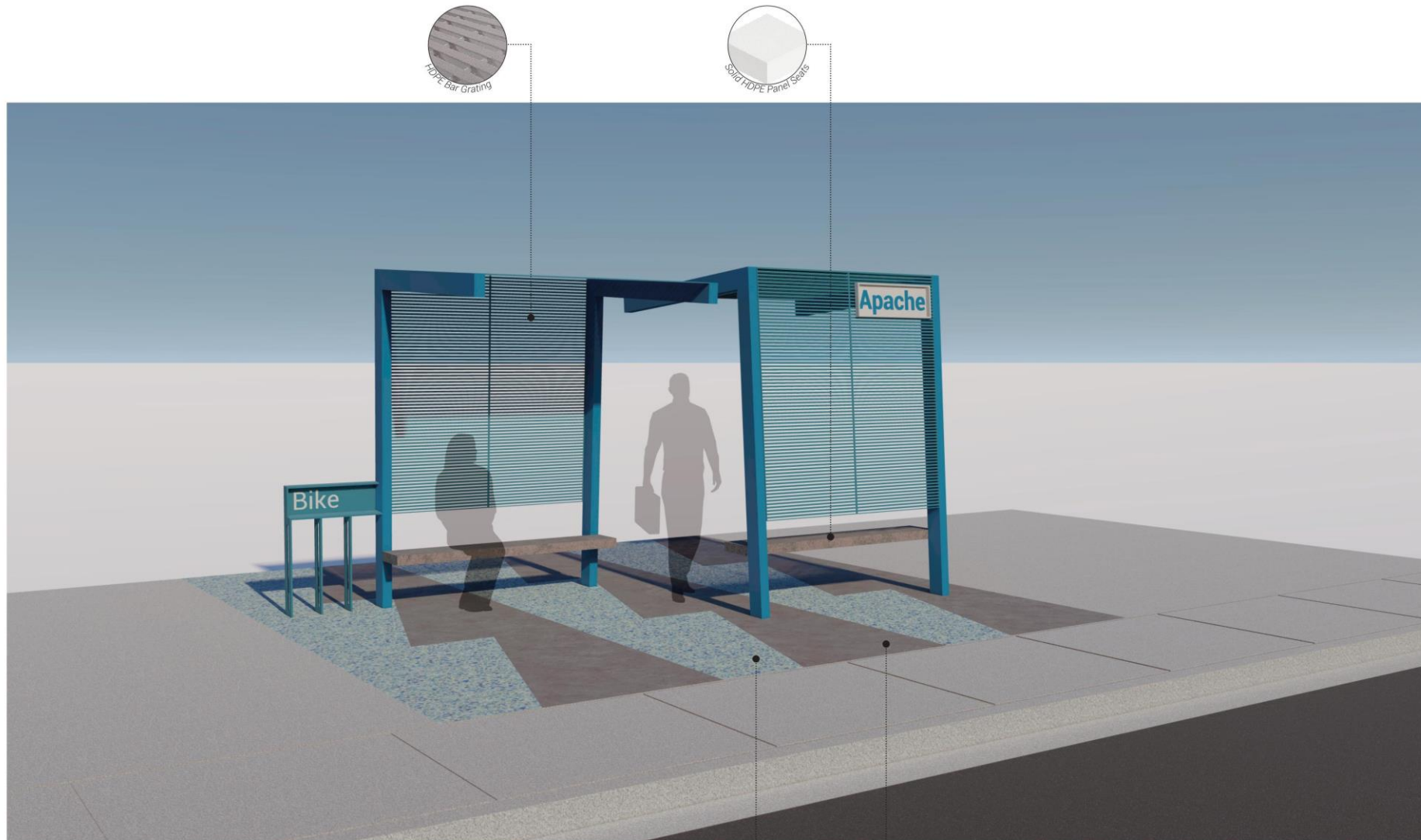


Regular - 5'-6" x 16'-6"

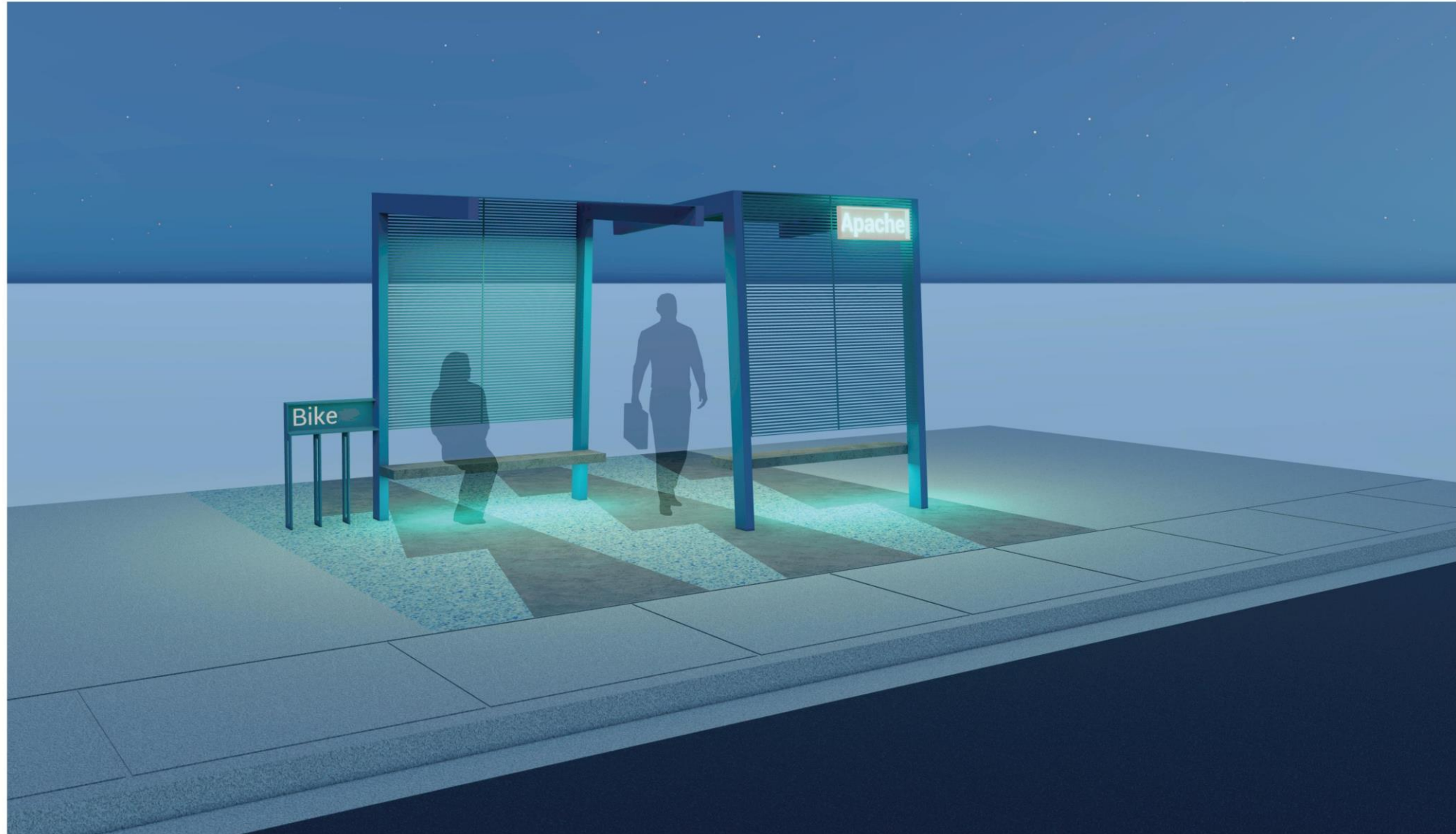


Large 9' x 18' to 9' x 27'

Transit Shelter Design Concept C Materials



Transit Shelter Design Concept C Evening



Next Steps



- Fill out comment card before you leave
- Fill out online survey from Jan. 21 to Feb. 12 at: tempe.gov/TransitShelters
- February 11: Tempe Transportation Commission presentation
- April 2: City Council presentation