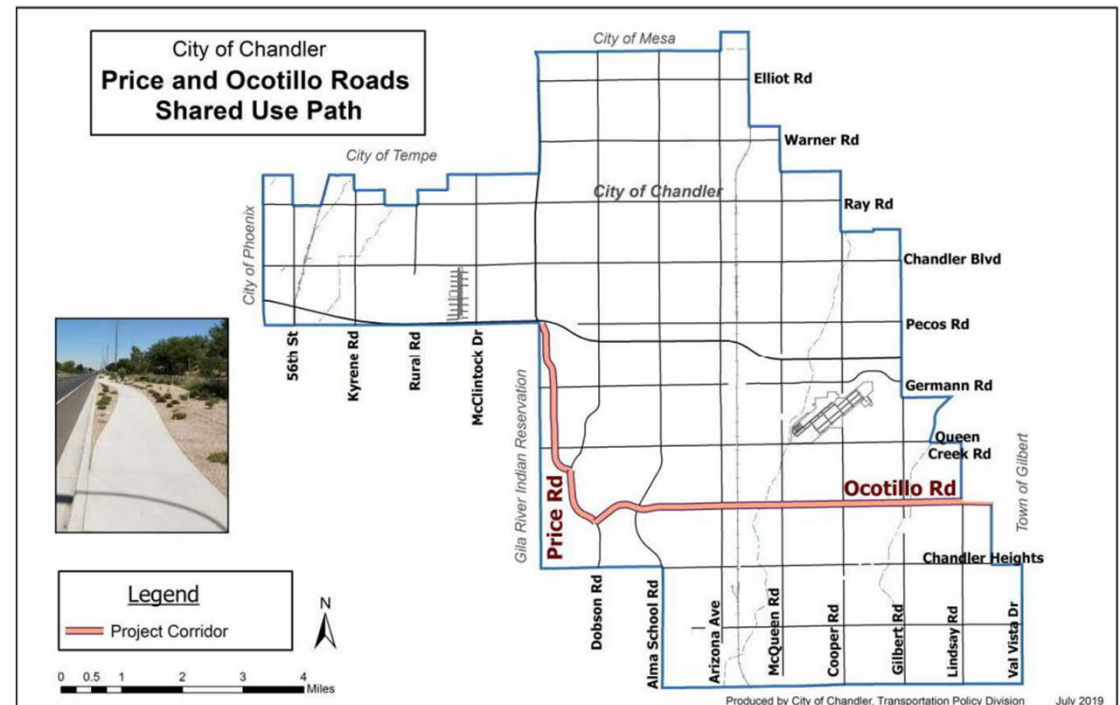


Price and Ocotillo Roads/Chandler Heights Shared Use Path

Chandler Transportation Commission Meeting
September 15, 2021

Project Background

- Price and Ocotillo Roads Study:
 - Goal: Accommodate the “interested, but concerned” segment of the population
 - Status/Tasks Complete:
 - Data Inventory
 - Crash Data Summary
 - Design Criteria
 - Opportunities and Constraints Map
 - Alternatives Analysis



Alternatives Analysis

- Alternatives Considered:
 - Two-Way Shared Use Path (both sides of road)
 - Two-Way Shared Use Path (one side of road)
 - Two-Way Shared Use Path (one side of Road) via Old Price Road
 - One-Way Directional Path (both sides of road)
 - Separated Bike Lane (median)
 - Separated Bike Lane (delineator)
 - Existing/No-Build

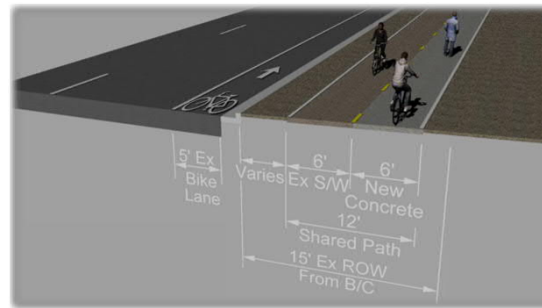


Figure 1 - Two-Way Shared Use Path Typical Section/Rendering

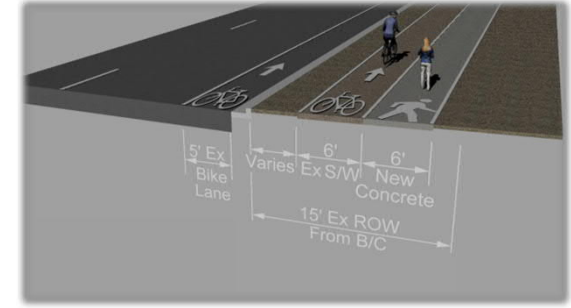


Figure 2 - One-Way Directional Path Typical Section/Rendering

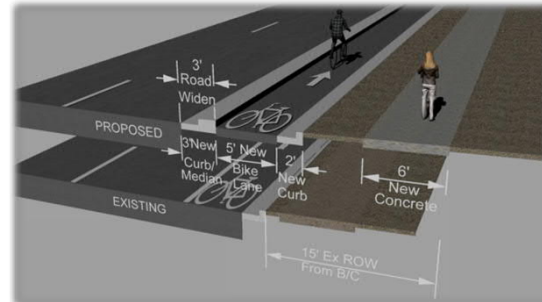


Figure 3 - Separated Bike Lane (median) Typical Section/Rendering

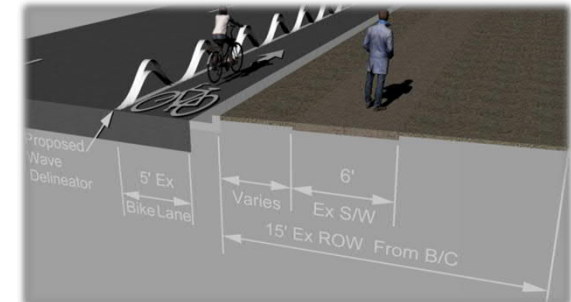


Figure 4 - Separated Bike Lane - Delineator

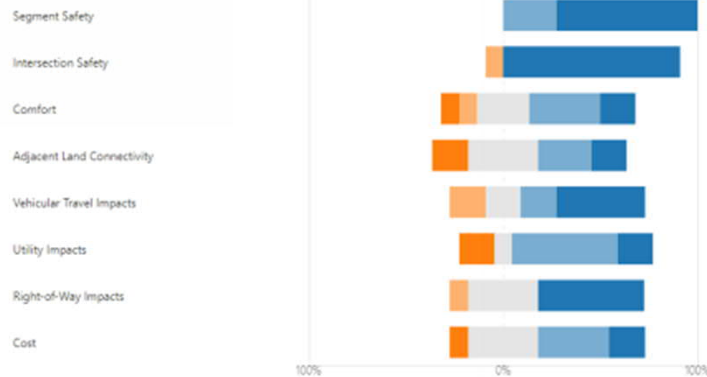
Stakeholder Input

- Goals and Objectives
- Evaluation Matrix
- Visual Preference

1. On a scale of 1-5 (1-least to 5-most) how important are these factors to you?

[More Details](#)

1 2 3 4 5



1. Which path do you prefer?

[More Details](#)

A 8
B 5



2. Which bikeway do you prefer?

[More Details](#)

A 8
B 5



3. Which bikeway do you prefer?

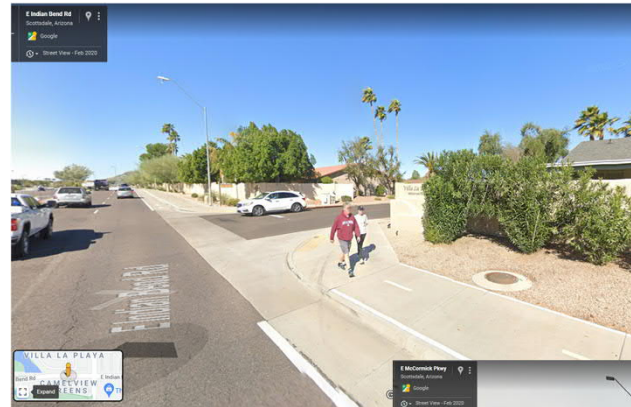
[More Details](#)

A 11
B 2



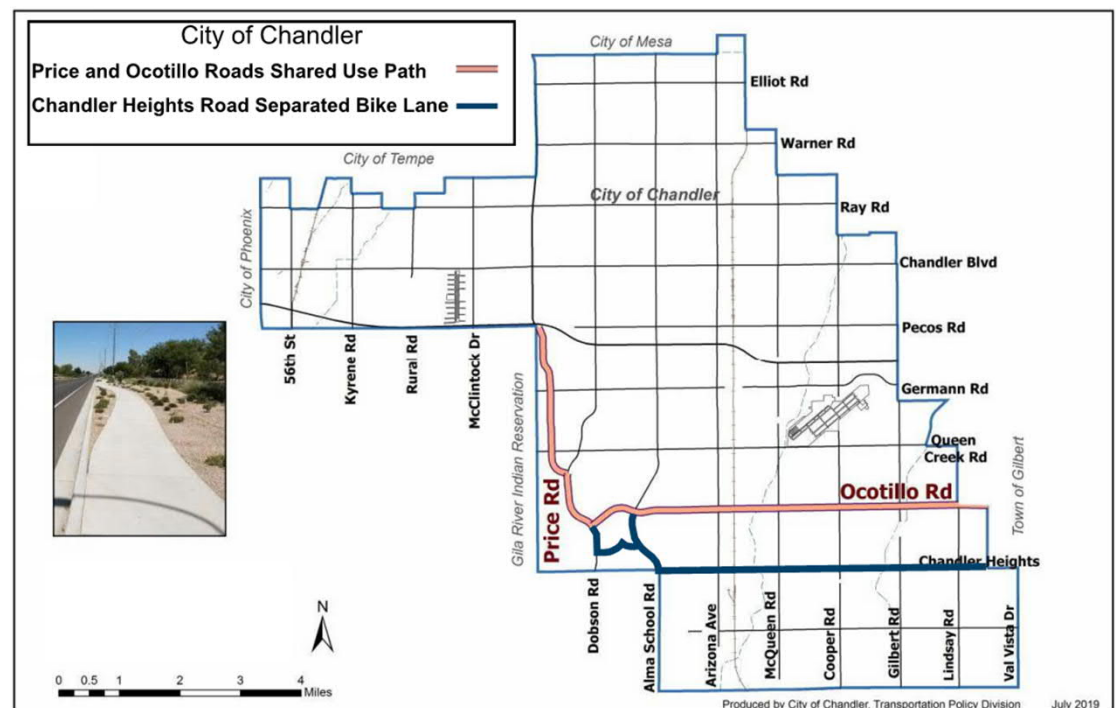
City of Scottsdale Input

- Lessons Learned
 - Side street and driveway crossings are the biggest concerns. Signage and pavement markings help.
 - Landscape buffers between curb and path have become a maintenance issue. City is moving towards reducing or eliminating landscaping in the buffer. Balancing the maintenance issues with providing user comfort/shade is a challenge.
 - Pavement marking on path is beneficial to provide directional guidance and delineation for nighttime users.



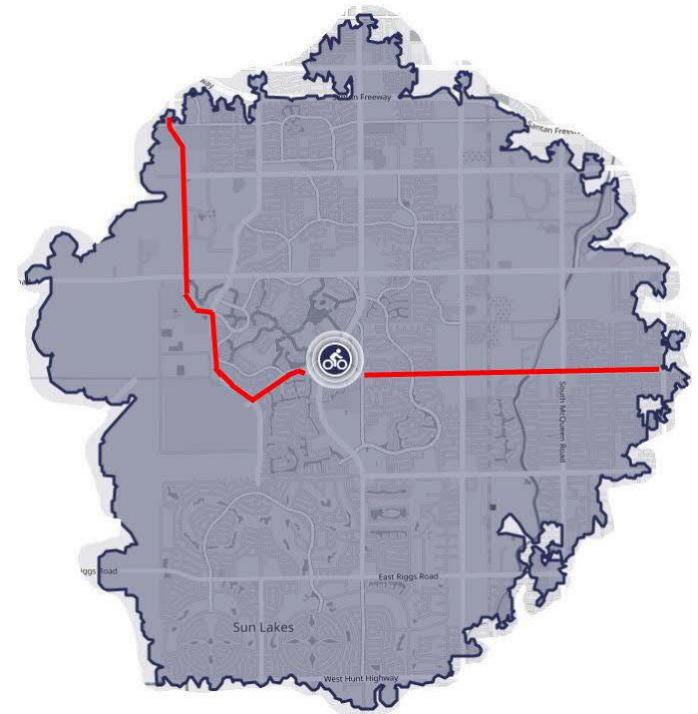
Chandler Heights Road Separated Bike Lane Planning Study

- Study Scope
 - Complete Similar Assessment for Chandler Heights
 - Compare Chandler Heights Road Corridor to Ocotillo Road

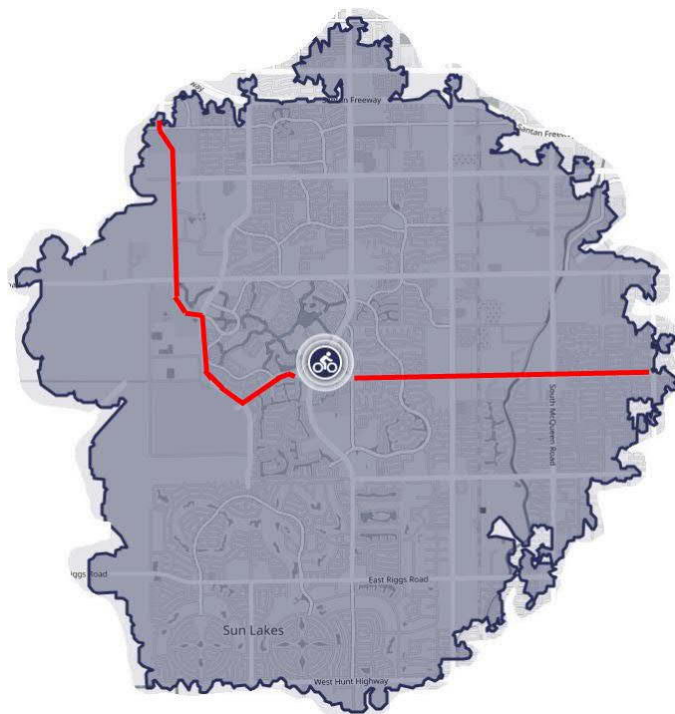


Project Area Bicycle Travel Time Map

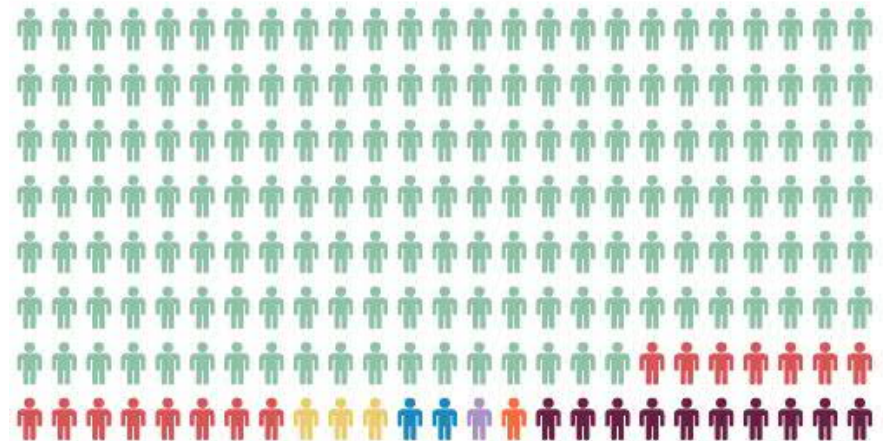
- Average Commute Time in Maricopa County – 26 minutes



Mode Usage within Bicycle Commute Shed



0.8% of people living in the project area commute to work by bicycle

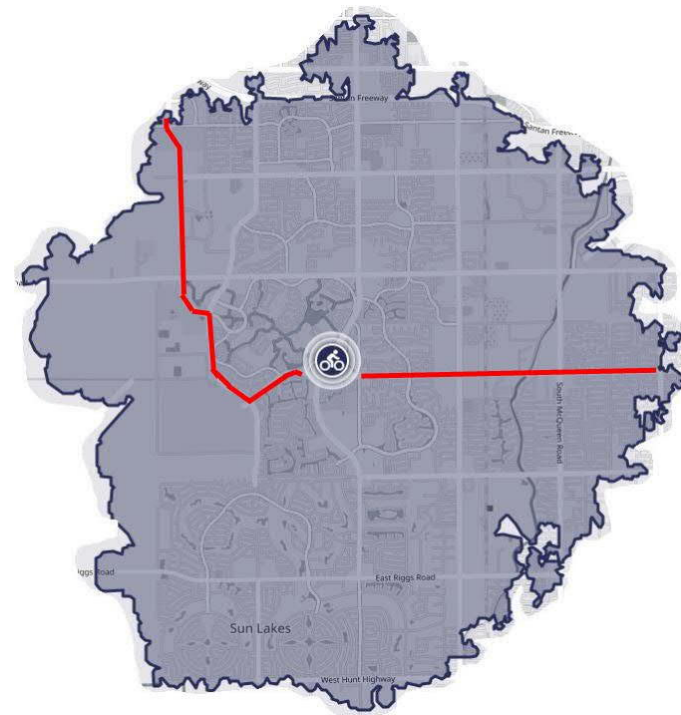


● Drive Alone
 ● Carpool
 ● Bus
 ● Bicycle
 ● Vanpool
 ● Light Rail
 ● Walk/Run
 ● Telecommute

Source: 2019 Trip Reduction Program Survey Data

Bicycle Commute Interest

- 17.9% of residents living in project area work in project area
- 6.9% of residents living in project area interested in bicycle commuting



Big Data – Origination-Destination Analysis

- StreetLight Data Usage
- [Product Overview](#)



Chandler Heights Road vs. Ocotillo Road Comparison

- Evaluation Criteria
 - Origination-Destination Analysis to Price Road Corridor
 - Connection to Recreational Destinations
 - Driveway Density
 - Cost
 - Compatibility with Town of Gilbert Plan
- Transportation Commission Input



Questions?