

# Resident Bond Public Works Subcommittee Regular Meeting

October 1, 2024 | 4:00 p.m.

City Hall, 5th Floor Large Conference Room

175 S. Arizona Ave., Chandler, AZ

or Webex 1-415-655-0001

Access code: 2660 617 9264, password: 9vcRMGpMn84



## Subcommittee Members

Rick Heumann, Chair

Chris Dobson

Jennifer Hawkins

Terri Kimble

Spike Lawrence

Duane Lidman

Heidi Paakkonen

Pursuant to Resolution No. 4464 of the City of Chandler and to A.R.S. § 38-431.02, notice is hereby given to the members of the Resident Bond Public Works Subcommittee and to the general public that the Resident Bond Public Works Subcommittee will hold a **REGULAR MEETING** open to the public on October 1, 2024, at 4:00 p.m., at Chandler City Hall, 5th Floor Large Conference Room, 175 S. Arizona Ave., Chandler, AZ or via Webex by dialing 1-415-655-0001, Access code: 2660 617 9264, password: 9vcRMGpMn84. One or more Commissioners may be attending by telephone.

Persons with disabilities may request a reasonable modification or communication aids and services by contacting the City Clerk's office at 480-782-2181 (711 via AZRS). Please make requests in advance as it affords the City time to accommodate the request.

Agendas are available in the Office of the City Clerk, 175 S. Arizona Avenue.

# Resident Bond Public Works Subcommittee Regular Meeting Agenda - October 1, 2024

## Call to Order / Roll Call

## Discussion

1. Open Meeting Law/Conflict of Interest Training, and Public Speaking Protocol
2. Communications and Public Affairs Overview
3. Financial Overview
4. Department Overview
5. Meeting Schedule

## Calendar

6. The next Regular Meeting will be held on Tuesday, October 15, 2024, at 4:00 p.m. in City Hall 5th Floor Conference Room, 175 S. Arizona Ave., Chandler, Arizona.

## Public Comment

Public comments will be heard only for the item(s) on that published meeting agenda. Up to 15 minutes will be allotted for public comments on the agenda item(s) at the end of the agenda and each speaker will be allocated up to three minutes at the discretion of the Presiding Officer or designated parliamentarian.

## Adjourn



## Resident Bond Exploratory Committee

**Date:** 10/01/2024  
**To:** Resident Bond Exploratory Committee  
**From:** Tera Scherer, Executive Management Assistant  
**Subject:** Department Overview

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### Attachments

Presentation





# Public Works Subcommittee Kickoff Meeting

Citizen Bond Exploratory Committee | October 1, 2024





# Agenda

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- **How Public Works Fits Into the Plan**
- **Public Works & Utilities**
  - **Who we Are**
- **Transportation Policy**
  - **Who we Are**
- **Transportation Master Plan**
- **Overview of Projects**

# Council Strategic Framework

## ○ **Connectivity**

- Transit, roadway, active transportation, and ADA improvements enhance Chandler's multi-modal transportation network

## ○ **Economic Vitality**

- Roadways, active transportation, transit and reliable utility infrastructure serve as a catalyst for infill and redevelopment

## ○ **Neighborhoods**

- Well-maintained public infrastructure promotes neighborhood aesthetics, safety and community vitality





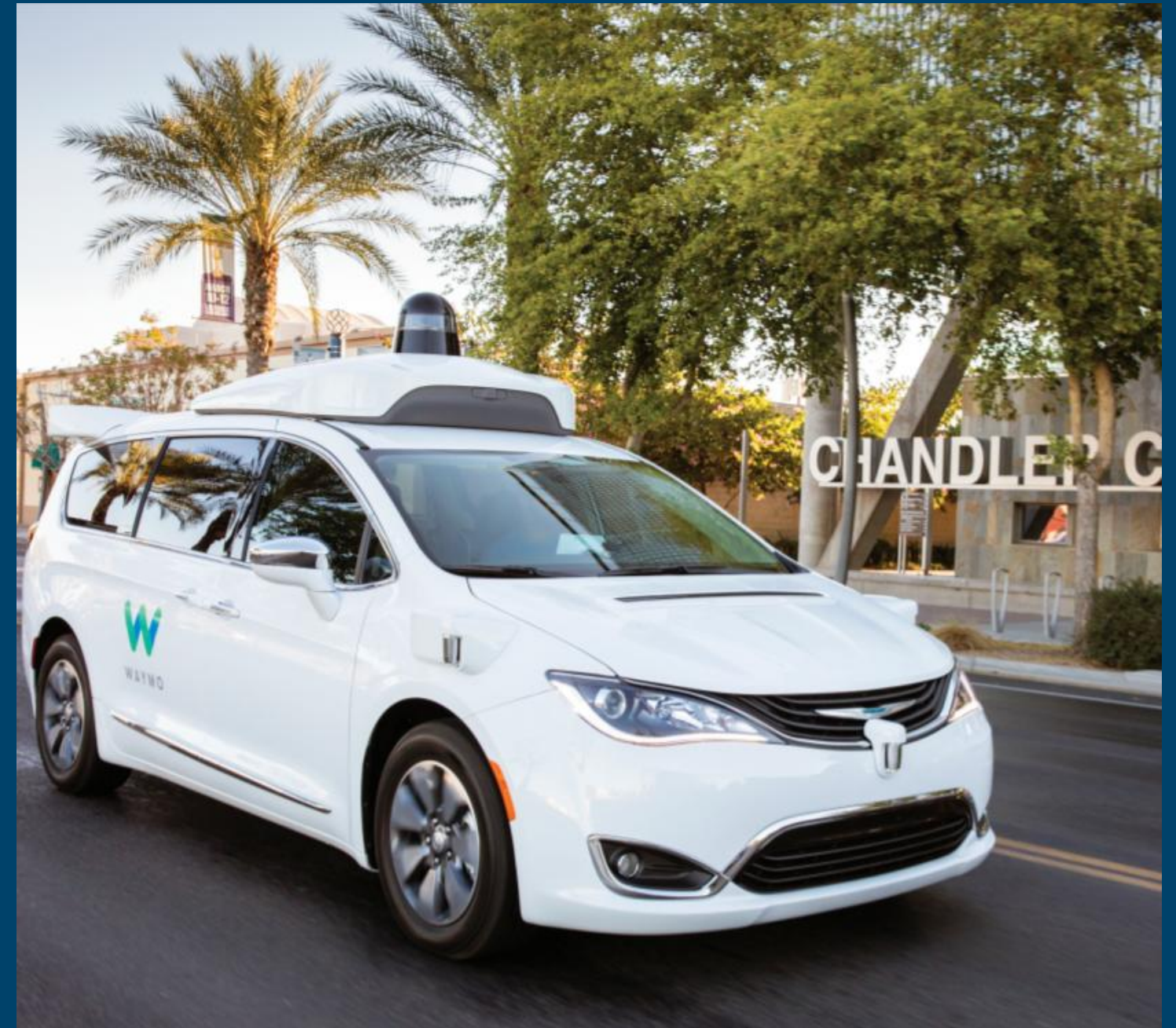
# Council Strategic Framework

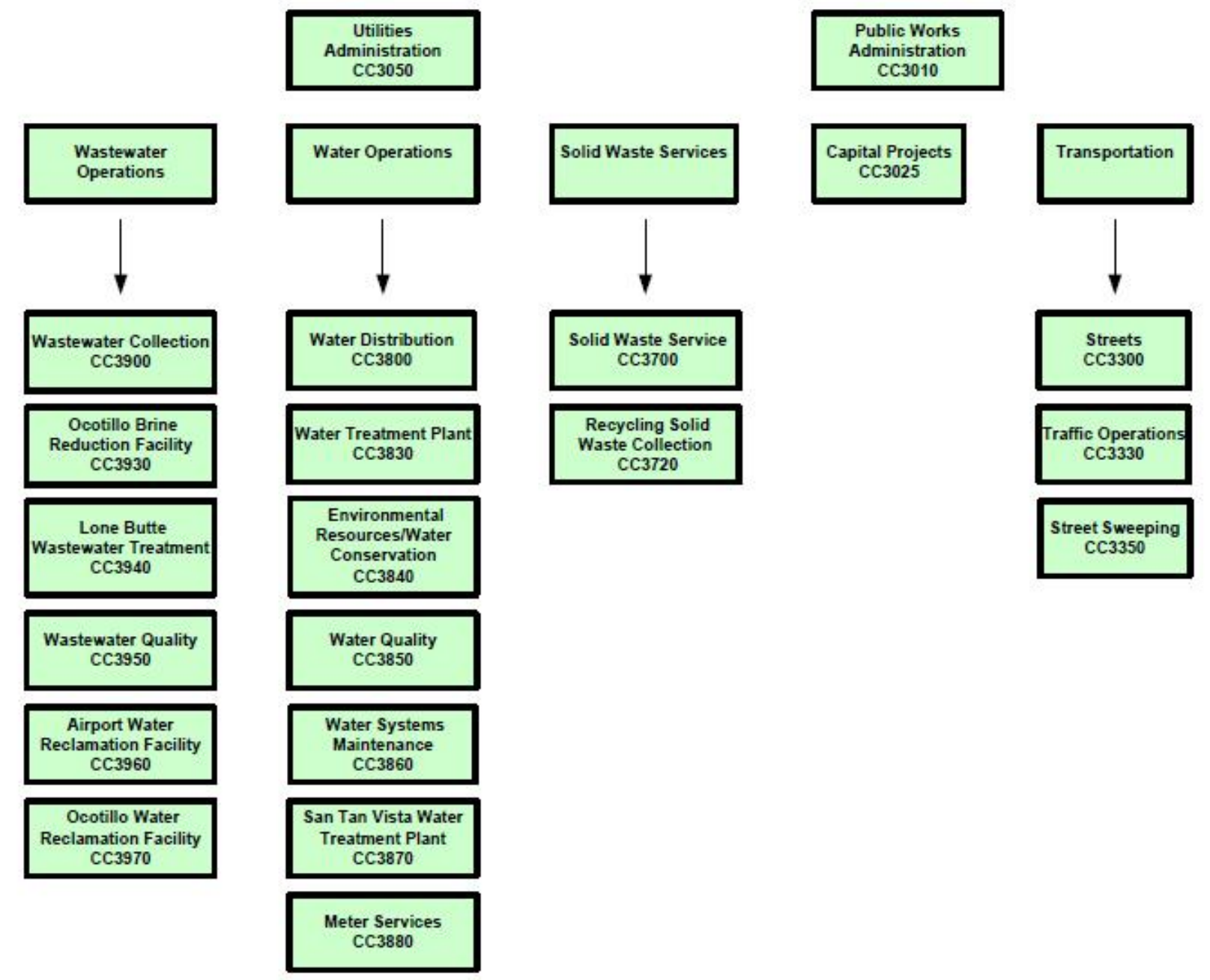
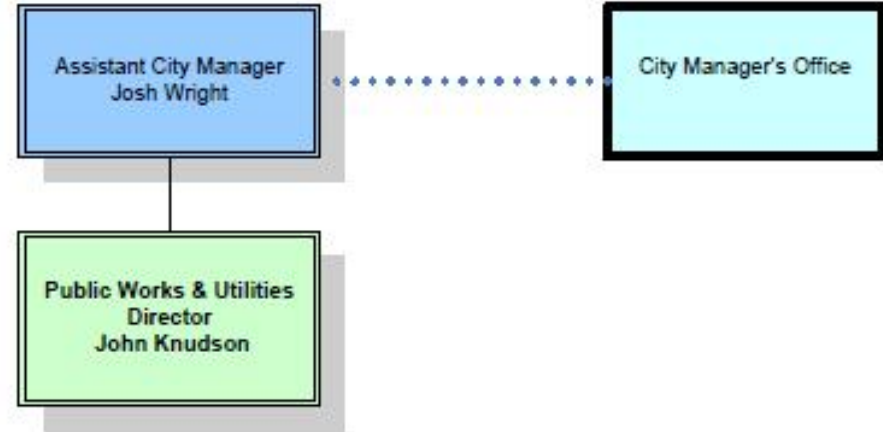
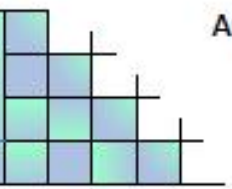
## ○ Quality of Life

- Reliable utilities and a convenient, multi-modal transportation network enhances quality of life for Chandler residents

## ○ Sustainability & Technology

- New transit technologies can increase efficiencies while providing a more convenient service such as autonomous vehicles
- Forward thinking in the use of technology optimizes Utility operations, aids in regulatory compliance and reduces cost





# Public Works & Utilities

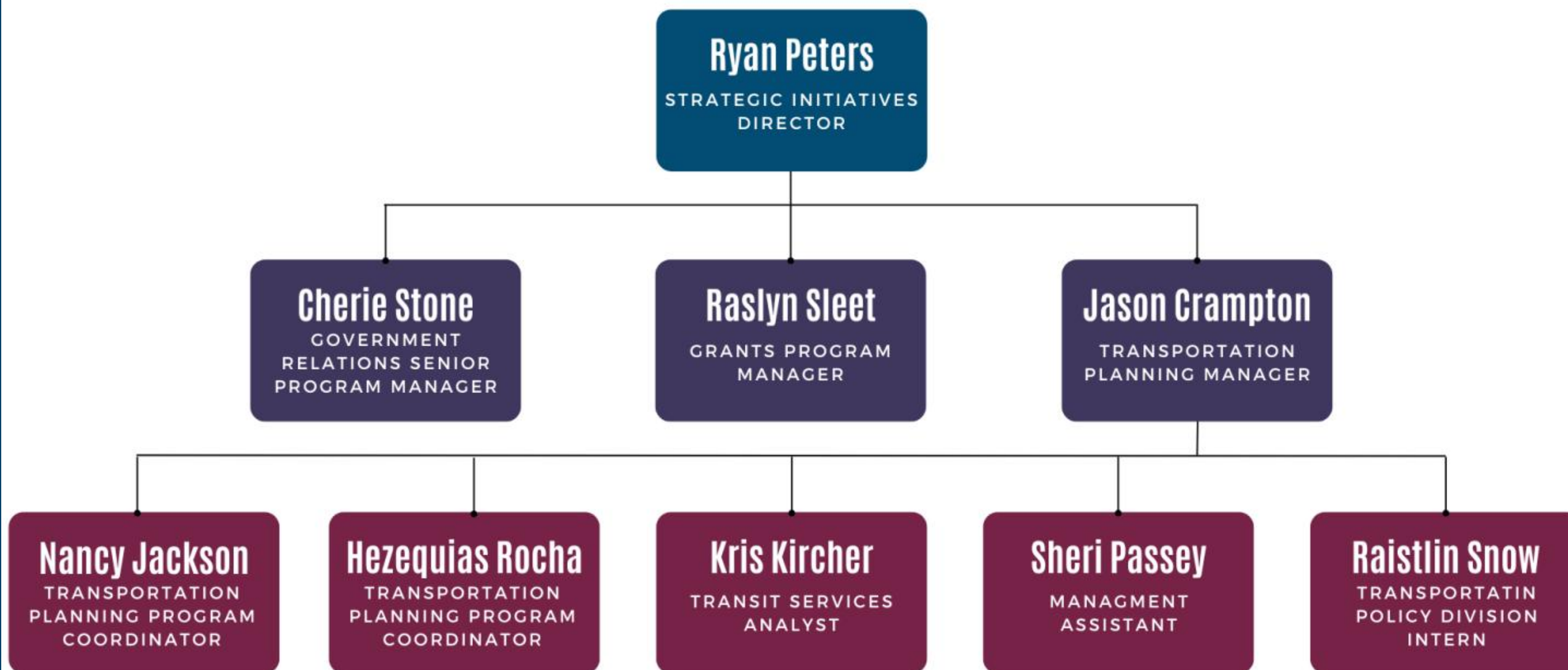
## 7 Main Areas:

- Streets
- Traffic
- Capital Projects
- Water
- Wastewater
- Reclaimed Water
- Solid Waste & Recycling



# Transportation Policy

CITY OF CHANDLER  
**STRATEGIC INITIATIVES DIVISION**



## 4 Main Areas:

- Transportation Planning and Programming
- Public Transportation
- Active Transportation
- ADA Compliance





# Transportation Master Plan





# Survey Results - Modes of Travel

- Current mode of travel?



- What mode of travel should the City invest in?

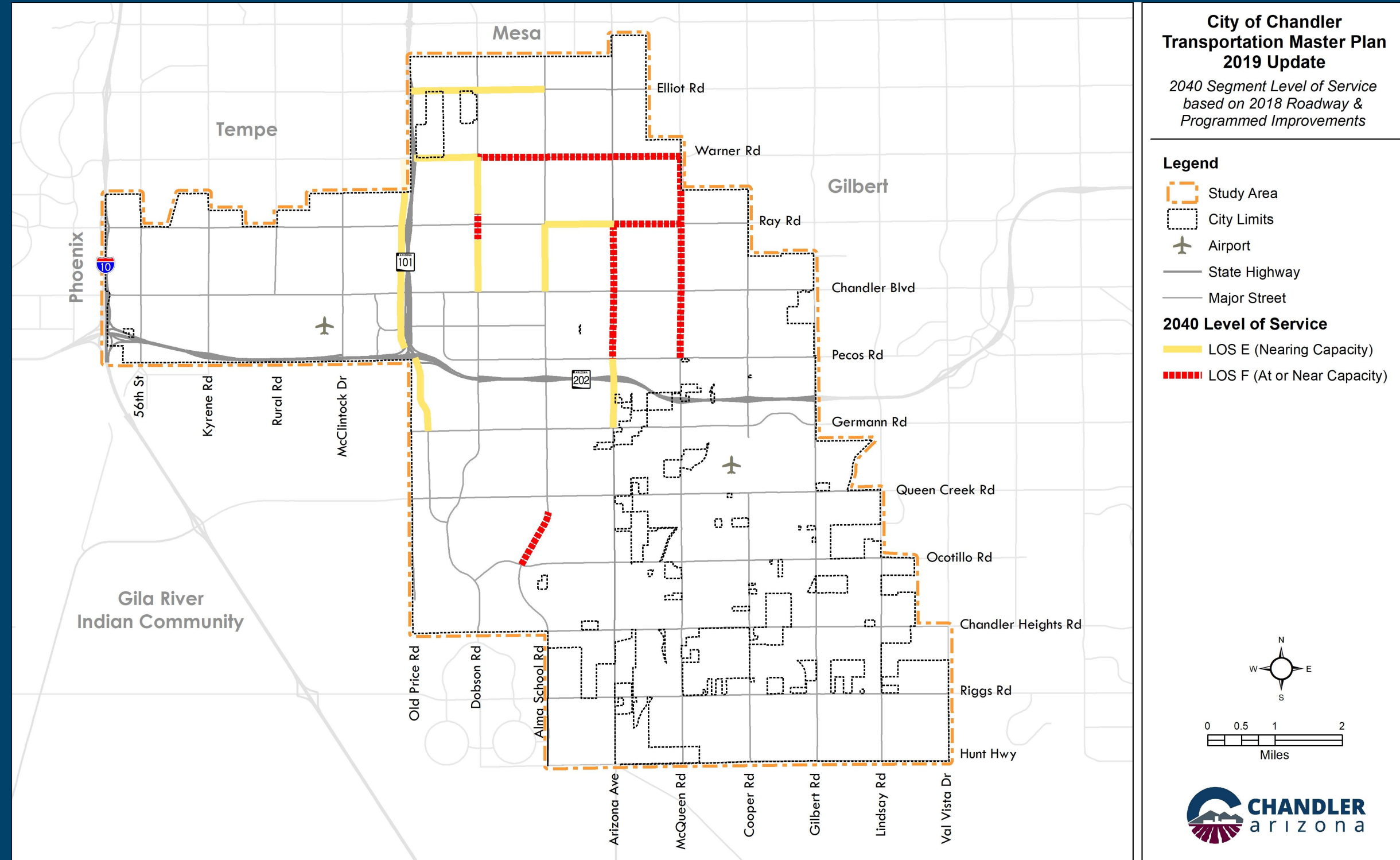


- Expected primary mode of travel in 20 years?



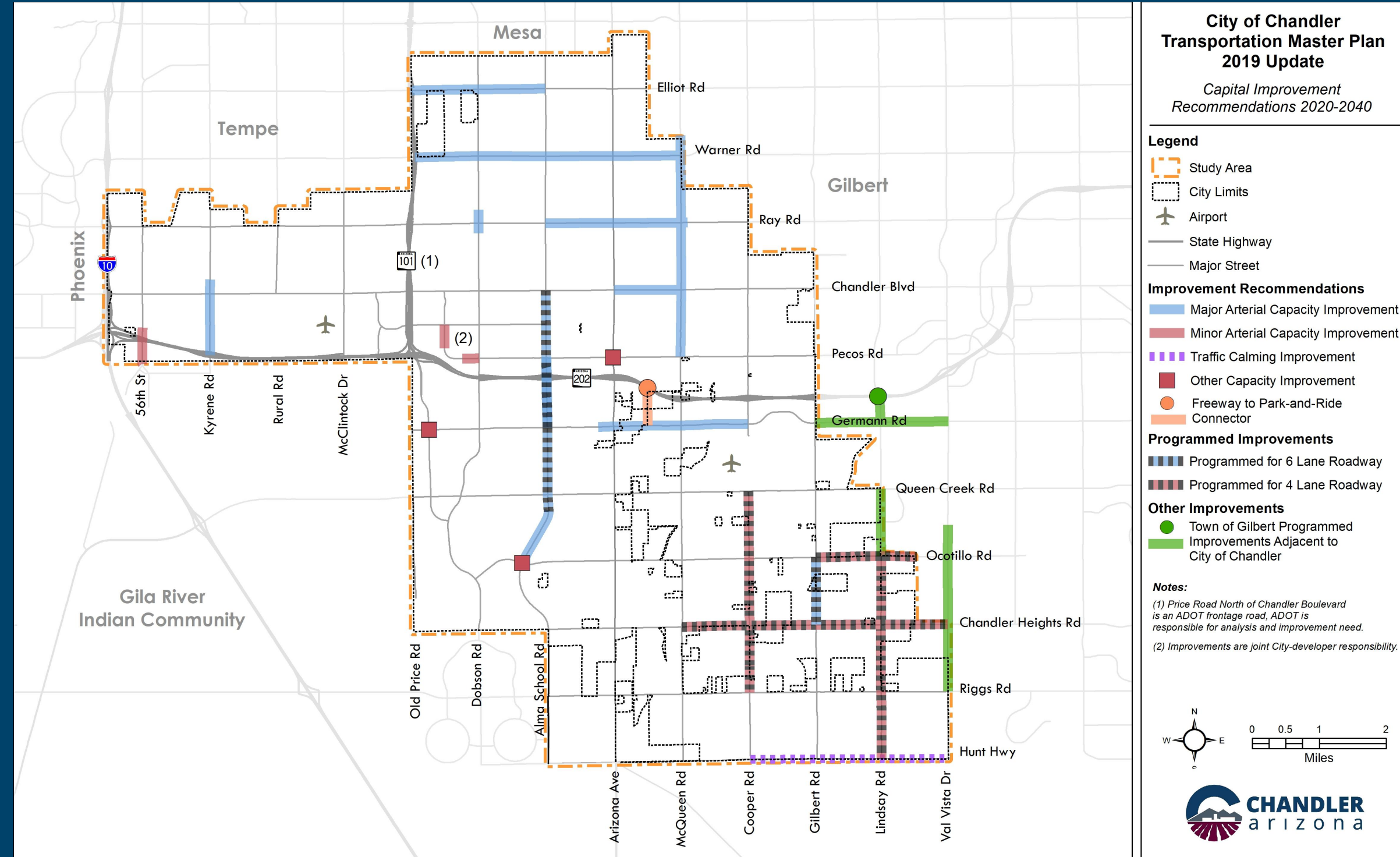
# 2040 Level of Service Without Improvements

- Capacity constraints primarily north of Loop 202
- Programmed projects accounted for in analysis



# Roadway Recommendations (2020-2040)

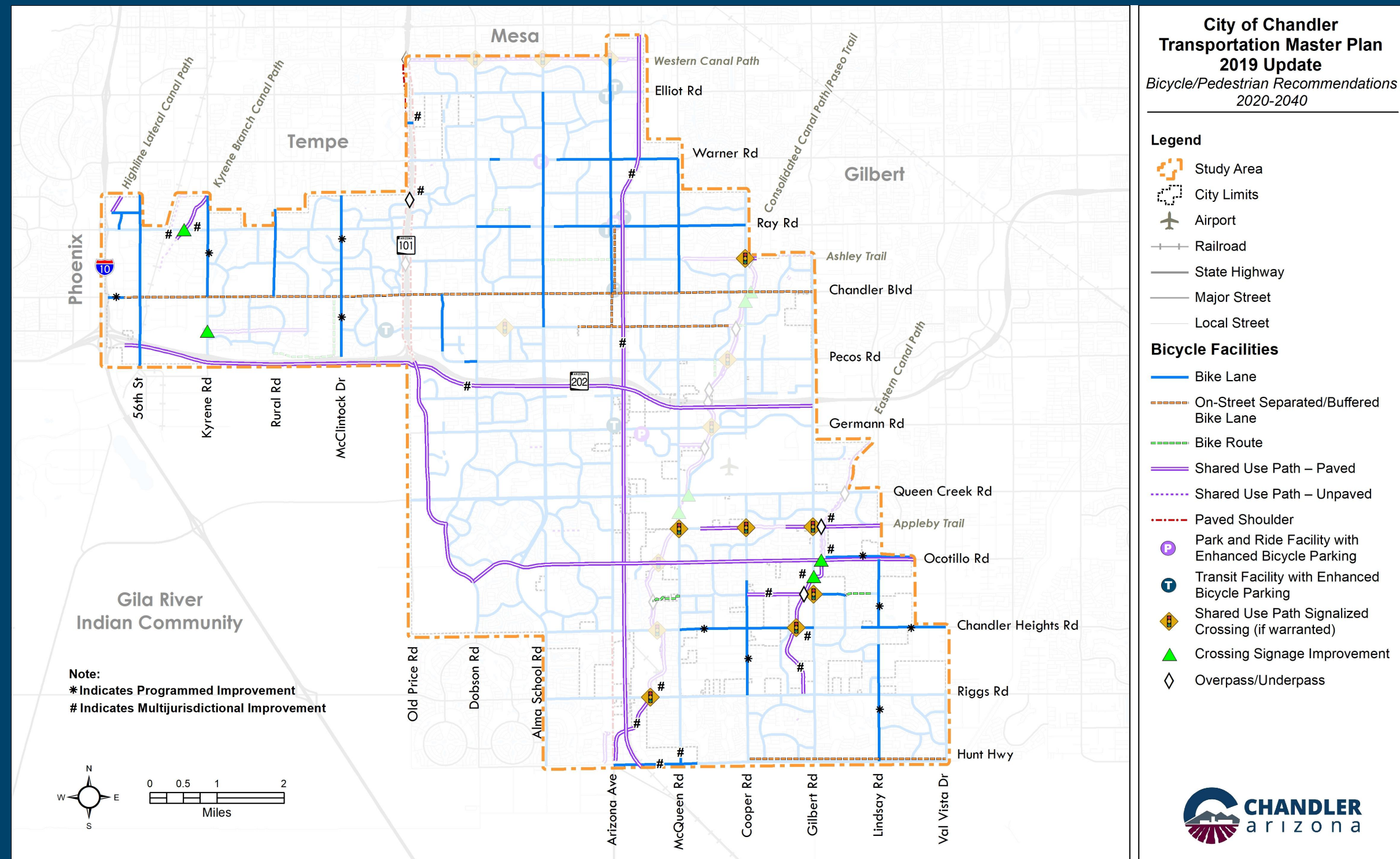
- Network of primarily 4-lane and 6-lane roads
- Several 4-lane roads with 6 lanes at intersections north of Loop 202 and east of Loop 101





# Bicycle/ Pedestrian Recommendations (2020-2040)

- Bike lanes on all arterials
- Shared use path signalized crossings at all arterial roads (if warranted)
- Add new shared use paths and separated bike lanes
- Interconnected network of on-street and off-street facilities



# Funding a Transportation Project

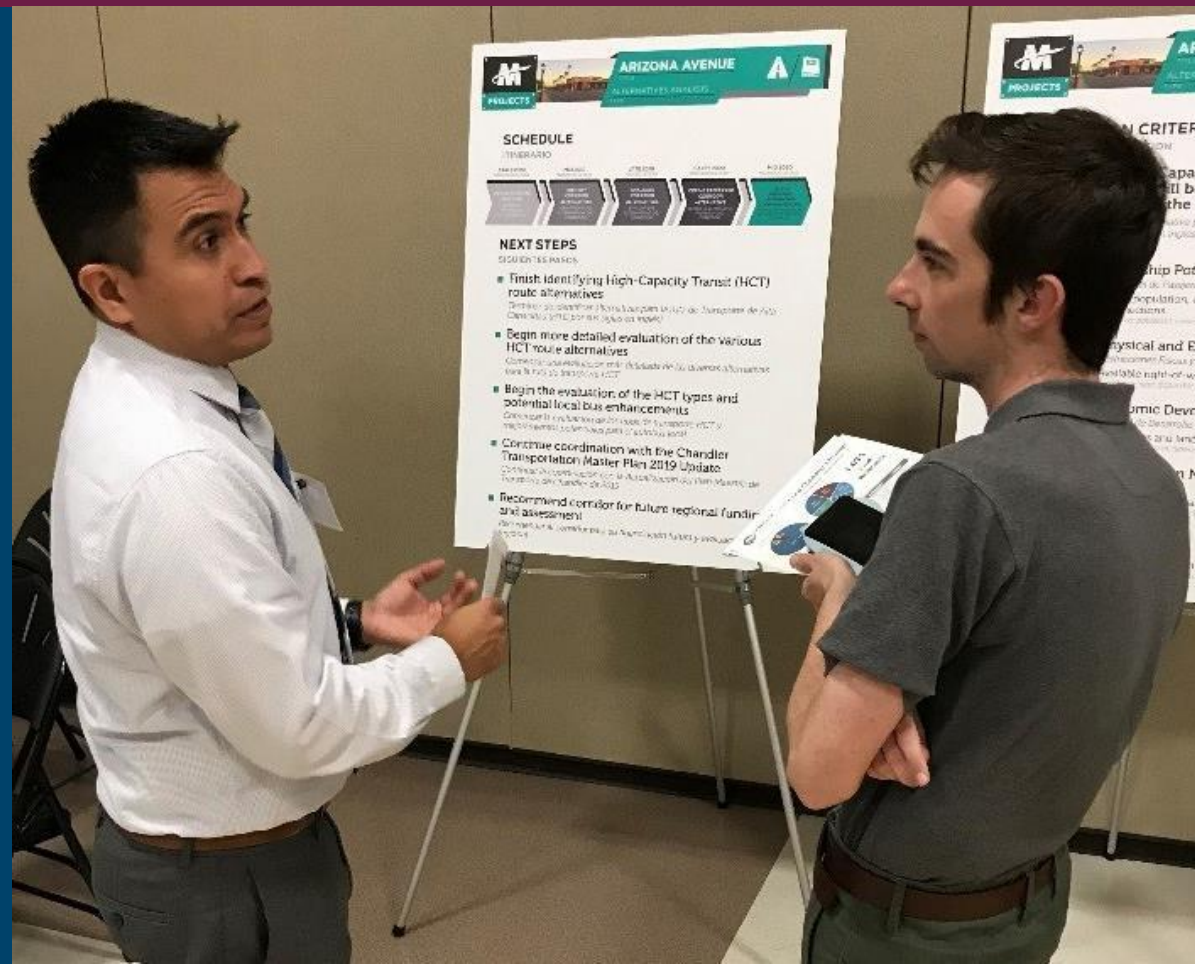
- **State Funding**
  - Arizona Lottery Fund
  - Highway User Revenue Fund (HURF)
- **Regional Funding**
  - Proposition 400
  - Proposition 479
- **Federal Funding**
  - Roadway Funding
  - Active Transportation Funding
  - Transit Funding
- **Bond Funding**
- **Impact Fees**
- **Local General Fund**












# Proposition 479









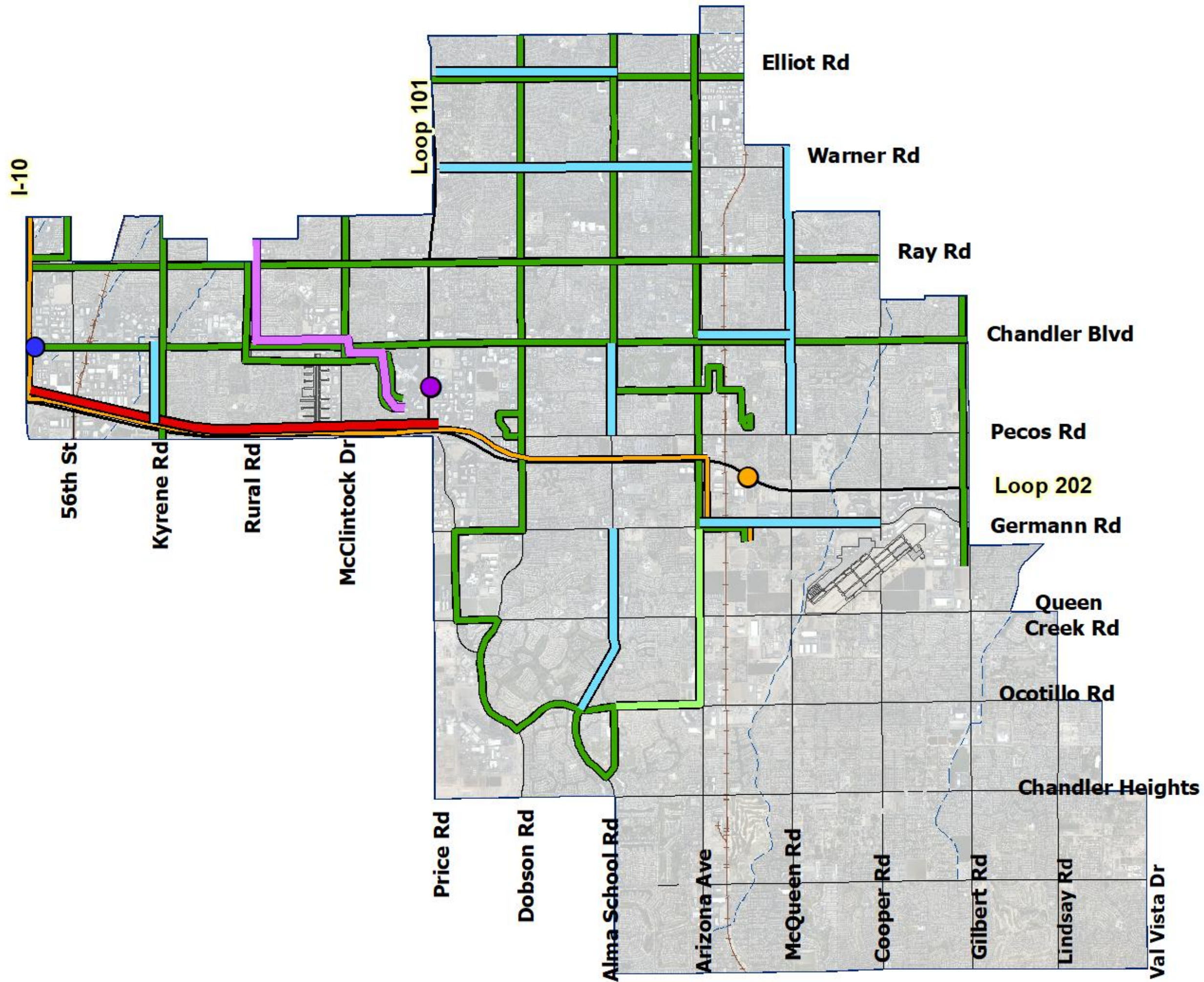
# Proposed Projects in Chandler

**Roadway**

-  Freeway Widening
-  Arterial Widening
-  New Freeway Interchange
-  New DHOV Interchange
-  Freeway Interchange Improvements

**Transit**

-  New Bus Rapid Transit
-  New Local Bus Service
-  Local Bus Routes
-  Express Bus Routes





# Investment in Chandler

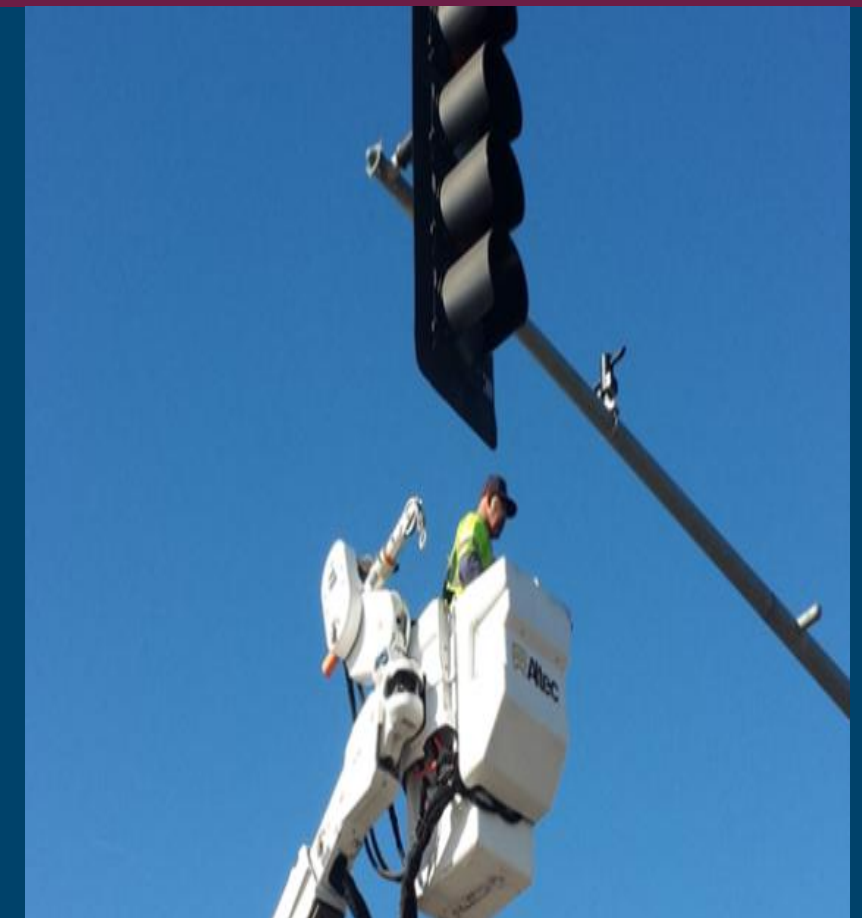
Mode	20 Year Totals (In Millions, in 2021 \$'s)		
	Direct Investment In Chandler	Estimated Benefit of Other Projects	Total Chandler Benefit
Freeways	\$123	\$175	\$298
Arterial Streets	\$115	\$5	\$120
High-Capacity Transit	\$136	\$1	\$137
Bus Transit	\$301	NA	\$301
Regional Programs*	\$197	NA	\$197
<b>TOTAL</b>	<b>\$872</b>	<b>\$181</b>	<b>\$1,053</b>

\*Regional Programs include Air Quality, Transportation Demand Management, Arterial Rehab., Arterial Intersection, Safety, Active Transportation, Intelligent Transportation Solutions, and Emerging Technology





# Overview of Projects





# 2025 –2034 Capital Plan (See Handout)

## 2025-2034 Capital Improvement Program- GO Bond Funded Programs - Public Works and Transportation

Yellow highlighted projects need Bond Authorization

Bond Fund/ Division/ Program	FY 2024-25	FY 2025-26	FY2026-27	FY 2027-28	FY 2028-29	FY 2029-30	FY 2030-31	FY 2031-32	FY 2032-33	FY 2033-34	Ten Year Total
<b>411 - Streets GO Bonds</b>	<b>26,308,000</b>	<b>47,278,865</b>	<b>24,919,975</b>	<b>50,900,200</b>	<b>11,530,500</b>	<b>27,742,500</b>	<b>26,646,500</b>	<b>19,167,500</b>	<b>19,926,500</b>	<b>17,749,500</b>	<b>272,170,040</b>
<b>Cultural Development Capital</b>	<b>2,600,000</b>	<b>500,000</b>	<b>2,020,000</b>	-	-	-	-	-	-	-	<b>5,120,000</b>
6CA671 - Downtown Alley Projects	2,600,000	500,000	2,020,000	-	-	-	-	-	-	-	5,120,000
<b>Streets Capital</b>	<b>20,094,000</b>	<b>46,778,865</b>	<b>22,899,975</b>	<b>47,822,200</b>	<b>12,415,500</b>	<b>19,359,500</b>	<b>17,111,500</b>	<b>19,167,500</b>	<b>19,926,500</b>	<b>17,749,500</b>	<b>243,325,040</b>
6ST248 - Street Repaving	7,144,000	1,144,000	13,144,000	7,144,000	9,144,000	7,344,000	7,344,000	7,344,000	7,344,000	7,344,000	74,440,000
6ST303 - Street Construction - Various Improvements	800,000	800,000	800,000	800,000	800,000	800,000	800,000	800,000	800,000	800,000	8,000,000
6ST322 - Traffic Signals Improvements and Repairs	2,480,000	1,844,500	1,656,500	1,284,500	1,184,500	1,779,500	1,104,500	1,976,500	1,354,500	1,354,500	16,019,500
6ST702 - Washington Street Improvements (may adjust with new estimates)	-	3,008,000	-	9,833,000	-	-	-	-	-	-	12,841,000
6ST719 - Collector Street Improvements	2,826,000	3,019,000	-	109,000	112,000	1,204,000	-	-	-	-	7,270,000
6ST737 - Kyrene Road (Chandler Boulevard to Santan 202)	-	1,082,000	633,000	11,906,000	-	-	-	-	-	-	13,621,000
6ST774 - Warner Road (Price Rd to Arizona Ave)	-	-	-	357,000	-	-	-	-	7,210,000	6,344,000	13,911,000
6ST781 - Ray Road/Kyrene Road	-	-	-	-	408,000	-	-	-	3,218,000	1,907,000	5,533,000
6ST786 - Arizona Ave/Warner Rd Intersection	1,257,300	3,128,800	707,475	15,466,700	-	-	-	-	-	-	20,560,275
6ST793 - McQueen Road Improvements (Warner Rd to Pecos Rd)	-	-	-	722,000	767,000	8,232,000	7,863,000	9,047,000	-	-	26,631,000
6ST787 - Turf To Xeriscape Program	2,798,900	5,565,000	5,759,000	-	-	-	-	-	-	-	14,122,900
6ST790 - Unpaved Alley Program	-	3,876,000	200,000	200,000	-	-	-	-	-	-	4,276,000
6ST792 - Price Rd/ Queen Creek Rd Intersection Improvement	-	-	-	-	-	-	-	-	-	-	-
6ST747 - Alma School Road (Germann Road to Queen Creek Road)	-	10,006,000	-	-	-	-	-	-	-	-	10,006,000
6ST754 - Ray Road/Dobson Road Intersection Improvement	1,335,200	13,305,565	-	-	-	-	-	-	-	-	14,640,765
6ST692 - Chandler Heights Road (McQueen to Val Vista)	330,300	-	-	-	-	-	-	-	-	-	330,300
6ST693 - Lindsay Road (Ocotillo Road to Hunt Highway)	1,122,300	-	-	-	-	-	-	-	-	-	1,122,300
<b>Transportation Policy Capital</b>	<b>3,614,000</b>	-	-	<b>3,078,000</b>	<b>915,000</b>	<b>8,383,000</b>	<b>9,535,000</b>	-	-	-	<b>25,525,000</b>
6TP753 - Ocotillo Road Shared Use Path	-	-	-	3,078,000	915,000	8,383,000	9,535,000	-	-	-	21,911,000
6TP767 - Kyrene Branch and Highline Canal Shared Use Paths	1,459,000	-	-	-	-	-	-	-	-	-	1,459,000
6TP750 - Frye Road Protected Bike Lanes	1,338,000	-	-	-	-	-	-	-	-	-	1,338,000
6TP752 - Ashley Trail/ Paseo Trail Connection	817,000	-	-	-	-	-	-	-	-	-	817,000
<b>Potential New to the CIP Funding shift or Additional Funding Needs</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>5,000,000</b>	<b>5,000,000</b>	<b>5,000,000</b>	<b>5,000,000</b>	<b>5,000,000</b>	<b>5,000,000</b>	<b>5,000,000</b>	<b>35,000,000</b>
6ST248 - Street Repaving (Additional Funding)	-	-	-	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	35,000,000
<b>Grand Total</b>	<b>26,308,000</b>	<b>47,278,865</b>	<b>24,919,975</b>	<b>55,900,200</b>	<b>18,330,500</b>	<b>32,742,500</b>	<b>31,646,500</b>	<b>24,167,500</b>	<b>24,926,500</b>	<b>22,749,500</b>	<b>308,970,040</b>
<b>Grand Total Bond Authorization Needed</b>				<b>54,900,200</b>	<b>18,330,500</b>	<b>32,742,500</b>	<b>31,646,500</b>	<b>24,167,500</b>	<b>24,926,500</b>	<b>22,749,500</b>	<b>209,463,200</b>



### Bond Category Analysis - 2024 Bond Exploratory Committee

Steering Committee	Includes chairs from each Subcommittee and Finance as Advisory members	Actual CIP + Adj	Amt needed to complete 10-year CIP + Adj
<b>Streets &amp; Transportation</b>			
Public Works - Streets and Transportation Subcommittee (Combine with PW - Utilities)	6ST248 - Street Repaving	\$ 88,008,000	\$ 209,463,200
	6ST303 - Street Construction - Various Improvements	\$ 4,800,000	
	6ST322 - Traffic Signals Improvements and Repairs	\$ 10,038,500	
	6ST702 - Washington Street Improvements	\$ 9,833,000	
	6ST719 - Collector Street Improvements	\$ 1,425,000	
	6ST737 - Kyrene Road (Chandler Boulevard to Santan 202)	\$ 11,906,000	
	6ST774 - Warner Road (Price Rd to Arizona Ave)	\$ 13,911,000	
	6ST781 - Ray Road/Kyrene Road	\$ 5,533,000	
	6ST786 - Arizona Ave/Warner Rd Intersection	\$ 15,466,700	
	6ST793 - McQueen Road Improvements (Warner Rd to Pecos Rd)	\$ 26,631,000	
6TP753 - Ocotillo Road Shared Use Path	\$ 21,911,000		
		<b>Total GO Bond Needs</b>	<b>\$ 209,463,200</b>

# Questions and Comments

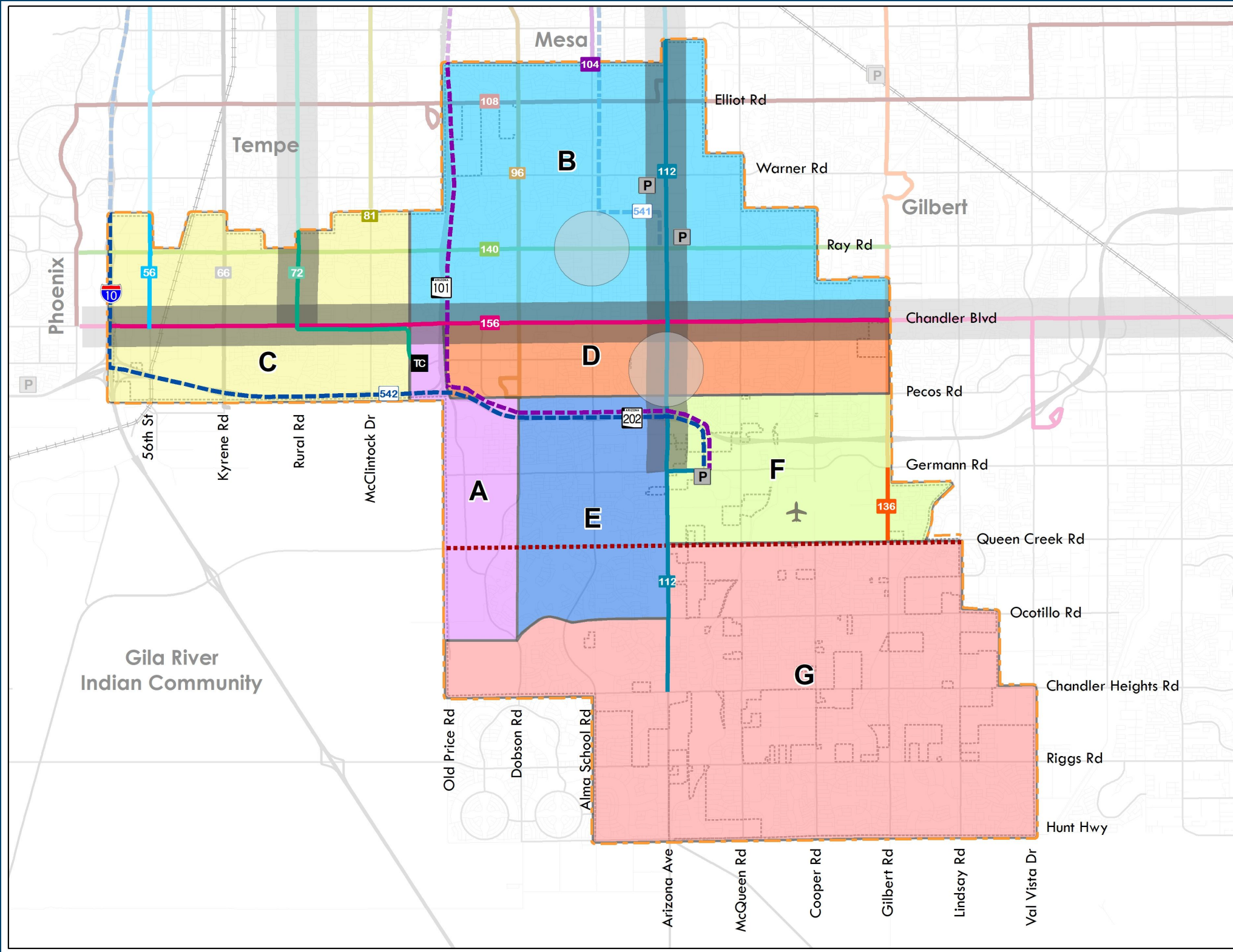


Additional/ Backup Slides



# Transit Recommendations (2020-2040)

- Flexible transit service covers most of Chandler
- Interconnected hierarchy of routes
  - High capacity transit
  - Express bus
  - Local bus
- New/expanded transit centers and park-and-ride lots



**City of Chandler  
Transportation Master Plan  
2019 Update  
Future Transit Services 2040**

**Legend**

- Airport
- Study Area
- City Limits
- State Highway
- Major Street
- Local Street

**Transit Services**

- Park-and-Ride (P)
- Transit Center (TC)

**Recommendations**

- High Capacity Transit Corridors (thick grey line)
- New Express Bus Route (dashed purple line)
- New Transit Service (dotted red line)

**Service Changes**

56	72	112	136	542
81	96	104	156	

**Flexible Transit Service Area**

- A. Price Road Area
- B. North Chandler Area
- C. West Chandler Area
- D. Central Chandler Area
- E. Ocotillo Neighborhood Area
- F. Chandler Airpark Area
- G. South Chandler Area

**Transit Infrastructure**

- Transit Center and Park-and-Ride Plan (grey circle)

0 0.5 1 2 Miles



# Leveraging Technology – Mobility Hubs

- Sample mobility hub concept:
- Multiple transit routes
- Seating/shade
- Real-time travel info with interactive kiosks
- Bike parking
- Car-share parking
- Rideshare curb space
- Wayfinding
- Lockers

