



Sustainability and
Transportation Committee
May 2, 2024

CITY OF MESA 2050 TRANSPORTATION MASTER PLAN

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What is a Transportation Master Plan?

- *A Transportation Master Plan describes the existing transportation system and the **projects**, **programs**, and **policies** that will allow a community to meet its transportation needs and aspirations now and into the future.*
- *A Transportation Plan is Visionary, Comprehensive and Community Responsive.*
- *A Transportation Plan is not Legal Code, Standard Specifications or Compliant Actions.*
- *Mostly, a Transportation Plan is a tool to help City staff, management, elected officials and residents determine future transportation needs.*

TRANSPORTATION VISION and GOALS

“Mesa’s transportation network is a safe, efficient, and interconnected multimodal system that supports and strengthens the community and economy.”



MANAGE AND MAINTAIN

Promote stewardship of a **sustainable and efficient transportation system** through strategic system management and preservation.



SAFETY FIRST

Create a transportation network that consists of **safe and comfortable** mobility options for all current and future users.



CONNECTIONS AND CHOICES

Develop an integrated and **complete multimodal transportation network** that provides improved and accessible mobility options for all modes.



ANTICIPATE AND ADAPT

Adapt to emerging technologies, land use changes, and transportation mobility demands by being innovative and flexible to ensure a **resilient and responsive transportation system**.



THRIVE AND PROSPER

Strengthen the city, its residents, and its businesses, by **advancing equity and economic competitiveness** through improved transportation access to jobs, education, services, and goods.

WE CONDUCTED PUBLIC OUTREACH

Phase I Conducted in Spring and Summer 2023

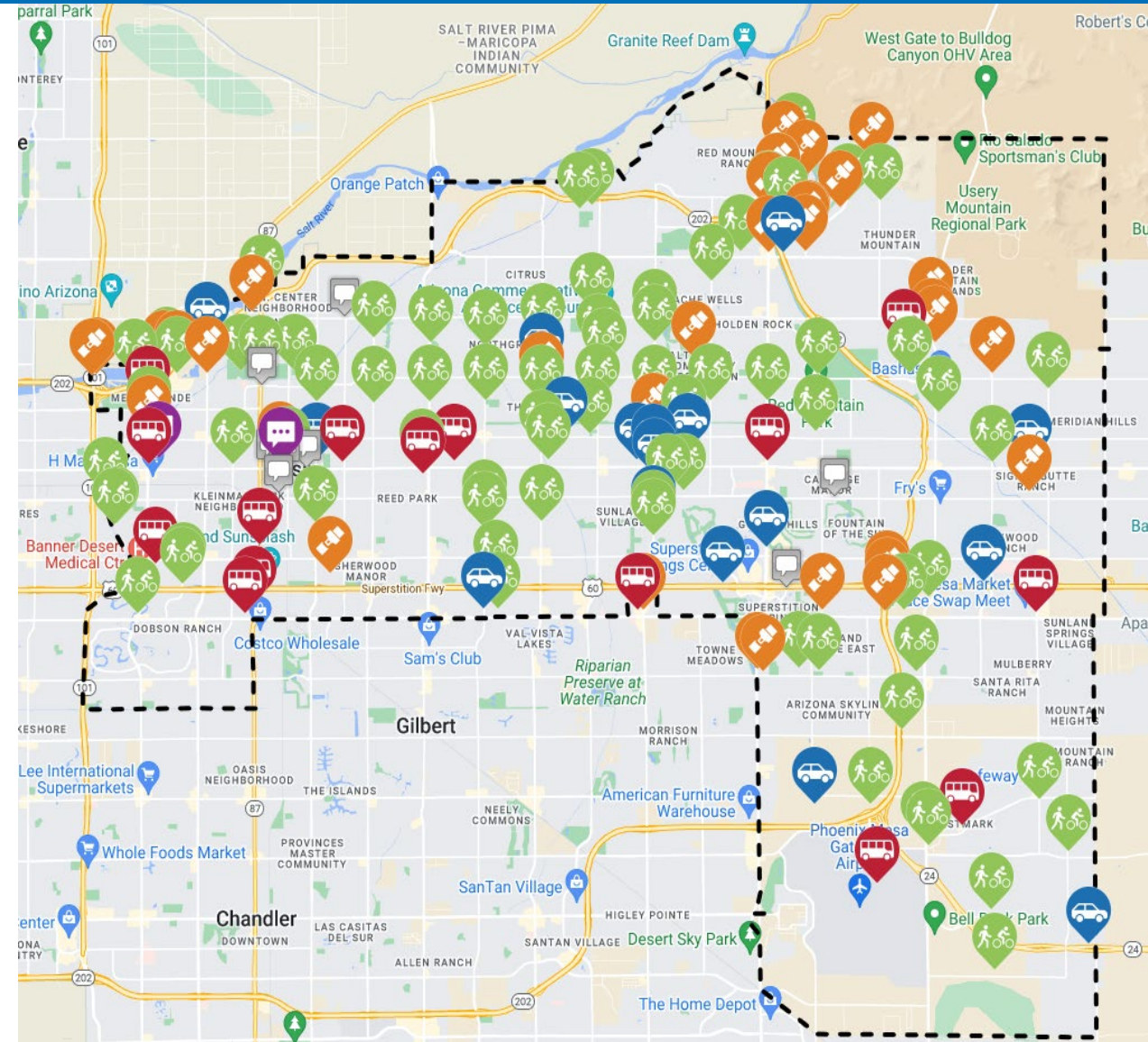
Outreach Methods:

- **In-Person Events alongside the General Plan**
- **Online Surveys**

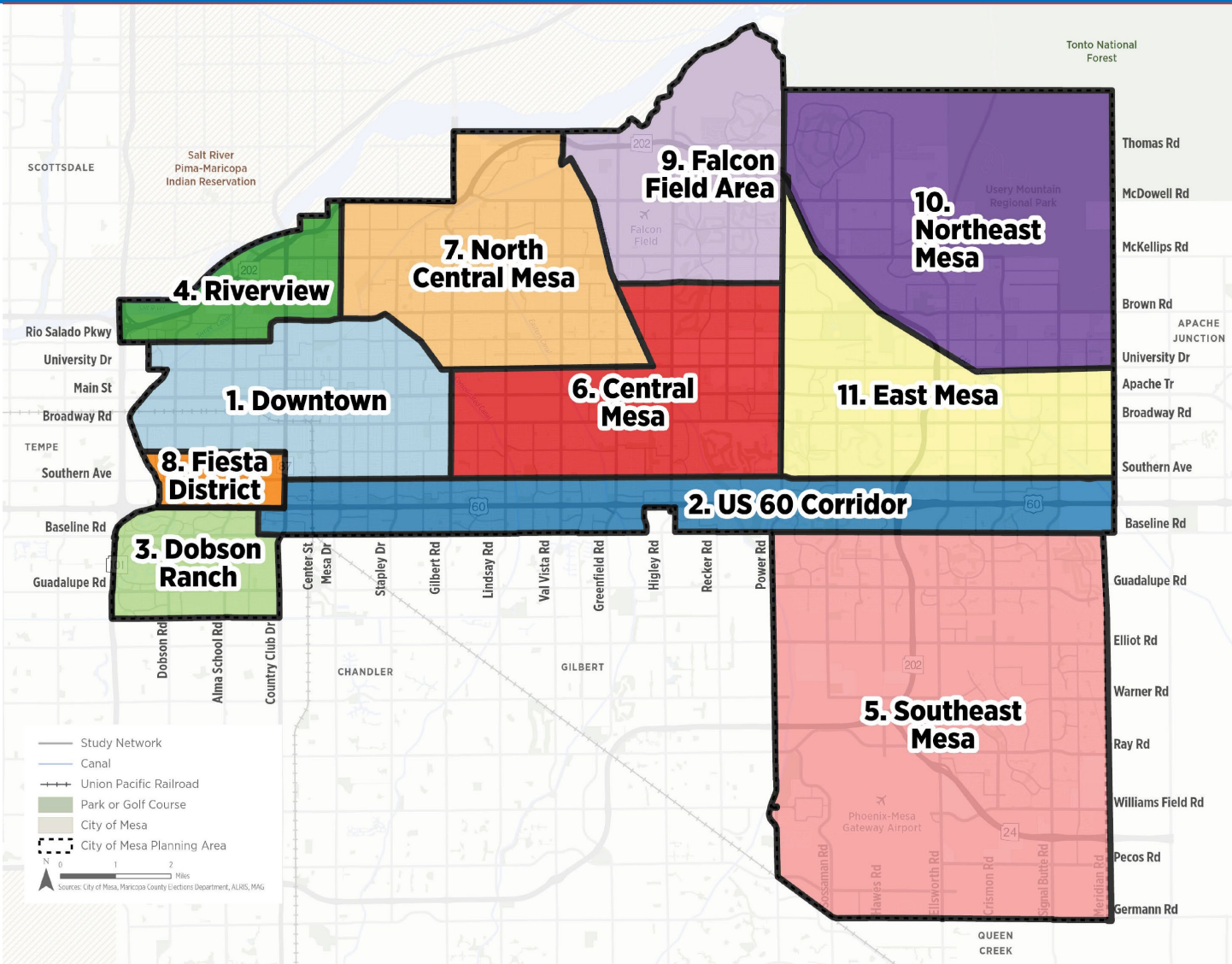
Phase II Conducted in Fall 2023 and Winter 2024

Outreach Methods:

- **Informational booths at community events**
- **Focus group meetings**
- **Project website**
- **Online Survey and Interactive Map**
- **Social media posts**



TRAVEL SHEDS



Travel Sheds: Each Mesa area is unique and has unique transportation needs

- **Travel Sheds** are geographic areas that have similar socioeconomics and trip making characteristics; and tend to have similar transportation needs
- **Factors used to define travel sheds**
 - Socioeconomics (income level, household size, age, poverty status, zero-car households, minority concentrations, etc)
 - Future land use (General Plan)
 - Travel characteristics (predominant modes used, average travel distances, travel purposes, etc)

PHASE II PUBLIC OUTREACH SUMMARY

What We Heard – By Travelshed: Transportation Investment Goals by Importance

	Highest Priority	2nd	3rd	4th	Lowest Priority
1. Downtown Mesa	Manage and Maintain	Connections and Choices	Safety First	Thrive and Prosper	Anticipate and Adapt
2. US 60 Corridor	Manage and Maintain	Connections and Choices	Safety First	Thrive and Prosper	Anticipate and Adapt
3. Dobson Ranch	Manage and Maintain	Safety First	Thrive and Prosper	Connections and Choices	Anticipate and Adapt
4. Riverview	Safety First	Connections and Choices	Manage and Maintain	Thrive and Prosper	Anticipate and Adapt
5. Southeast Mesa	Manage and Maintain	Safety First	Connections and Choices	Thrive and Prosper	Anticipate and Adapt
6. Central Mesa	Manage and Maintain	Safety First	Connections and Choices	Thrive and Prosper	Anticipate and Adapt
7. North Central Mesa	Safety First	Connections and Choices	Manage and Maintain	Anticipate and Adapt	Thrive and Prosper
8. Fiesta District	Manage and Maintain	Safety First	Connections and Choices	Thrive and Prosper	Anticipate and Adapt
9. Falcon Field Area	Safety First	Connections and Choices	Manage and Maintain	Thrive and Prosper	Anticipate and Adapt
10. North East Mesa	Manage and Maintain	Connections and Choices	Safety First	Anticipate and Adapt	Thrive and Prosper
11. East Mesa	Manage and Maintain	Connections and Choices	Safety First	Thrive and Prosper	Anticipate and Adapt

PHASE II PUBLIC OUTREACH SUMMARY

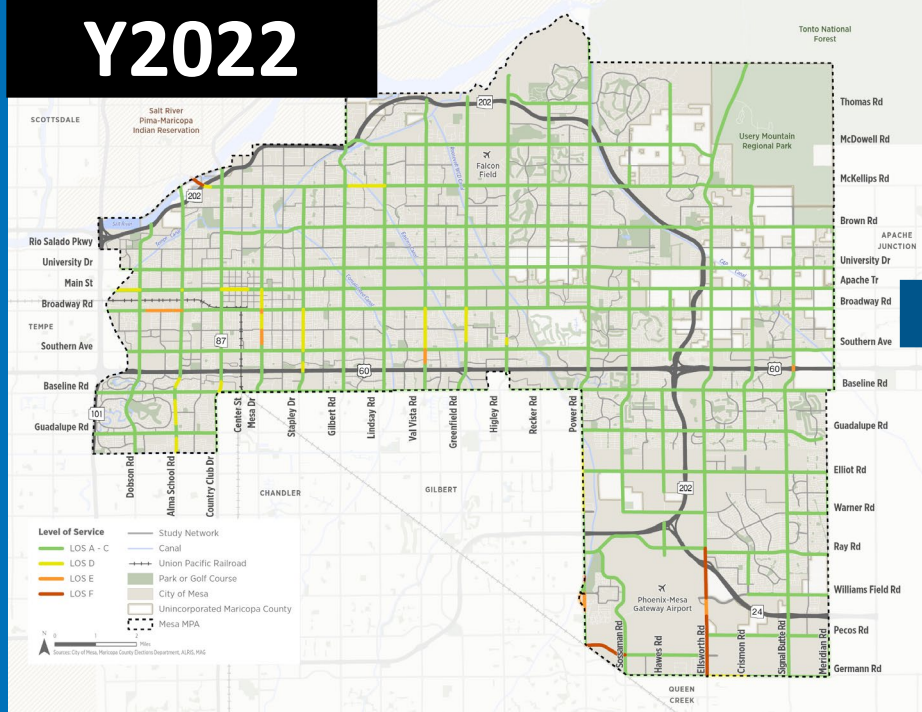
What We Heard – By Travelshed:
What transportation investments would you like to see?

	Highest Priority	2nd	3rd	4th	5th	Lowest Priority
1. Downtown Mesa	Improvements to reduce vehicle congestion	Pedestrian and bicycle safety improvements	More sidewalks and bike lanes	Improvements to enhance safety for travel by vehicles	Expand public transit service	Technology improvements
2. US 60 Corridor	Improvements to reduce vehicle congestion	Improvements to enhance safety for travel by vehicles	Expand public transit service	More sidewalks and bike lanes	Pedestrian and bicycle safety improvements	Technology improvements
3. Dobson Ranch	Improvements to reduce vehicle congestion	Improvements to enhance safety for travel by vehicles	More sidewalks and bike lanes	Pedestrian and bicycle safety improvements	Expand public transit service	Technology improvements
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9. Falcon Field Area	Improvements to enhance safety for travel by vehicles	Pedestrian and bicycle safety improvements	Technology improvements (i.e., electric charging stations, etc.)	Improvements to reduce vehicle congestion	More sidewalks and bike lanes	Expand public transit service
10. North East Mesa	Improvements to enhance safety for travel by vehicles	More sidewalks and bike lanes	Improvements to reduce vehicle congestion	Pedestrian and bicycle safety improvements	Expand public transit service	Technology improvements
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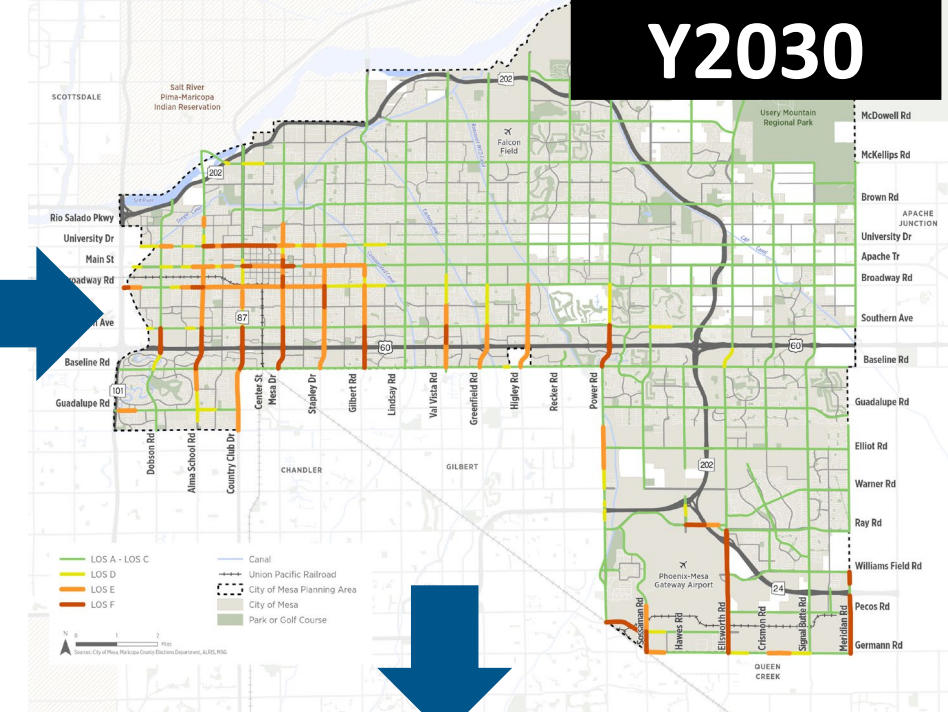
FUTURE CONDITIONS

- Congestion Levels, if NO Road Improvements Made

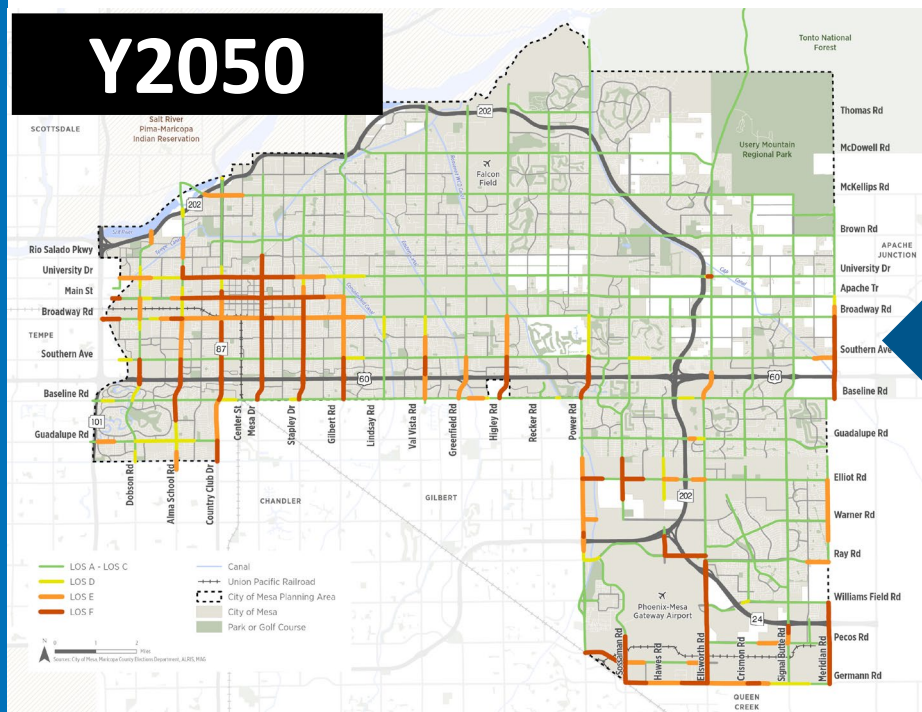
Y2022



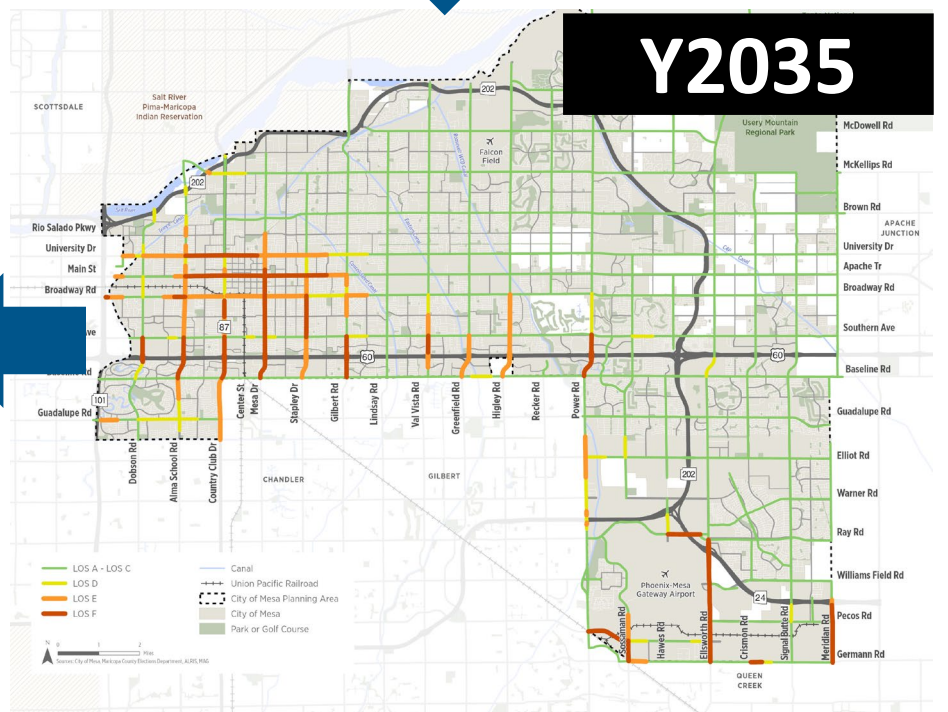
Y2030



Y2050

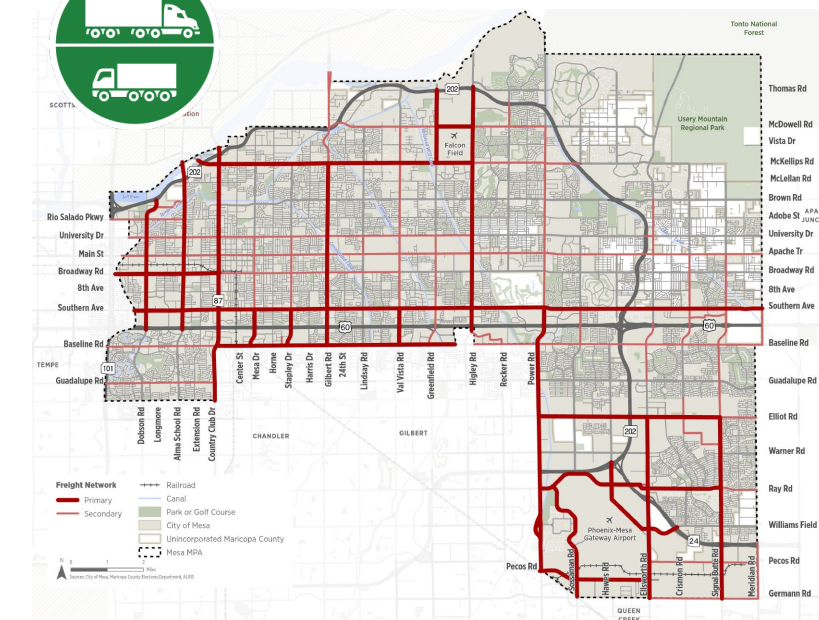
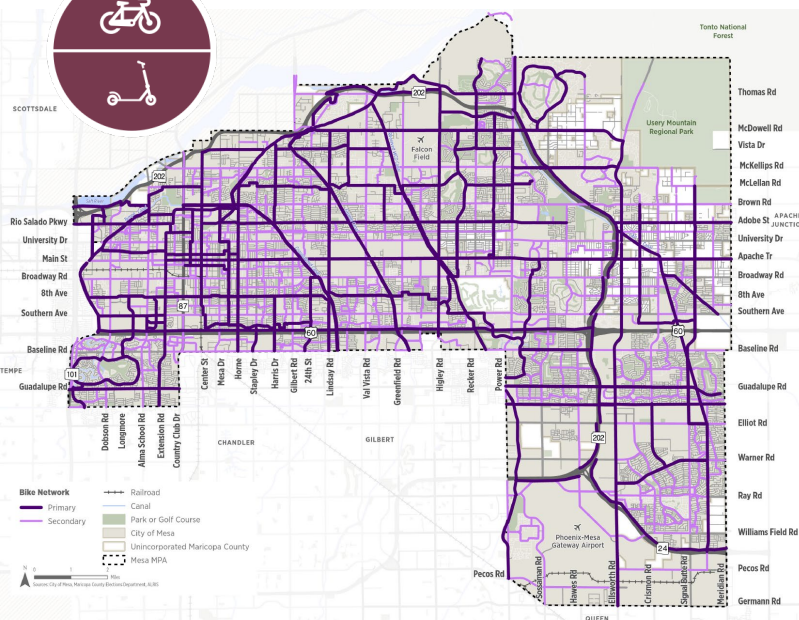
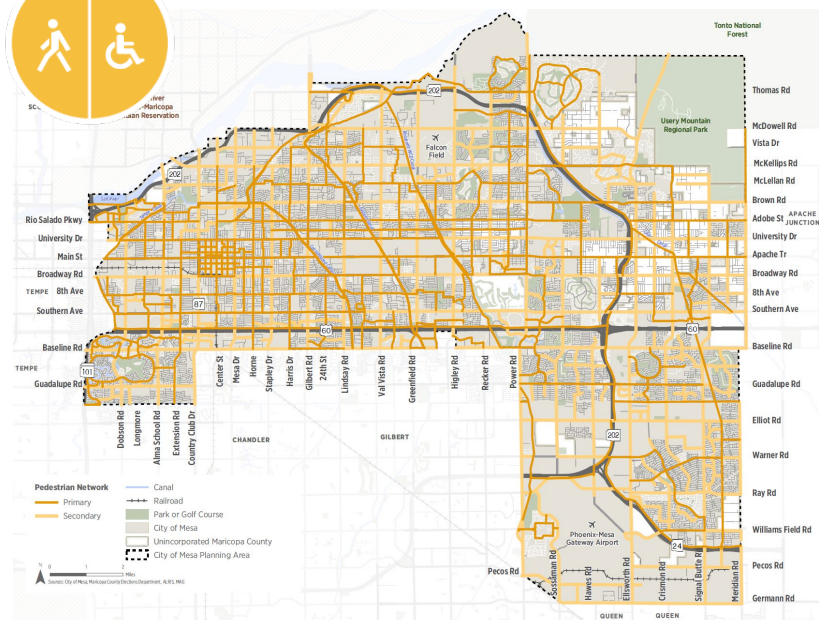
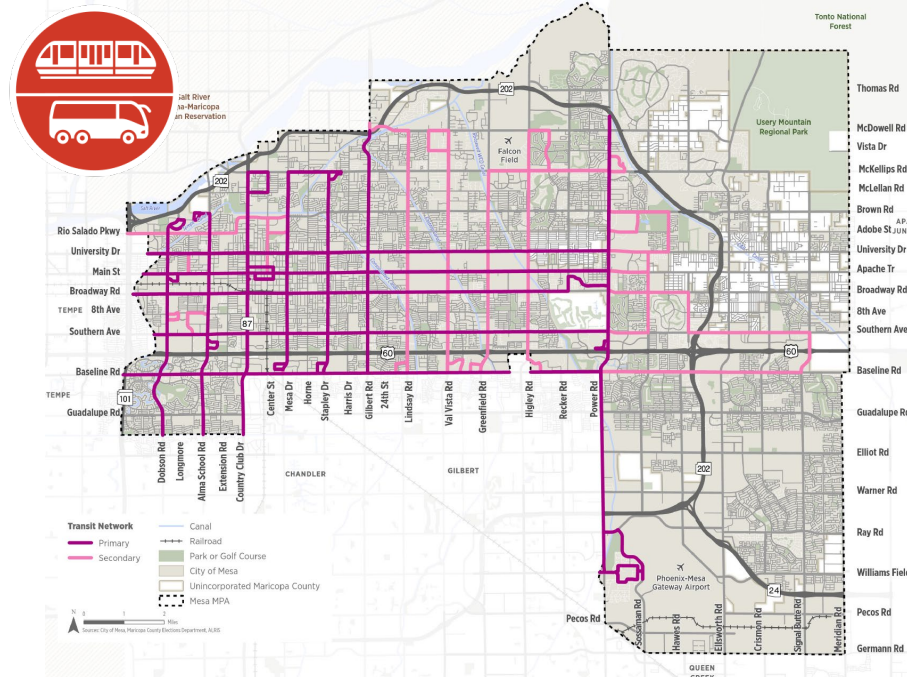
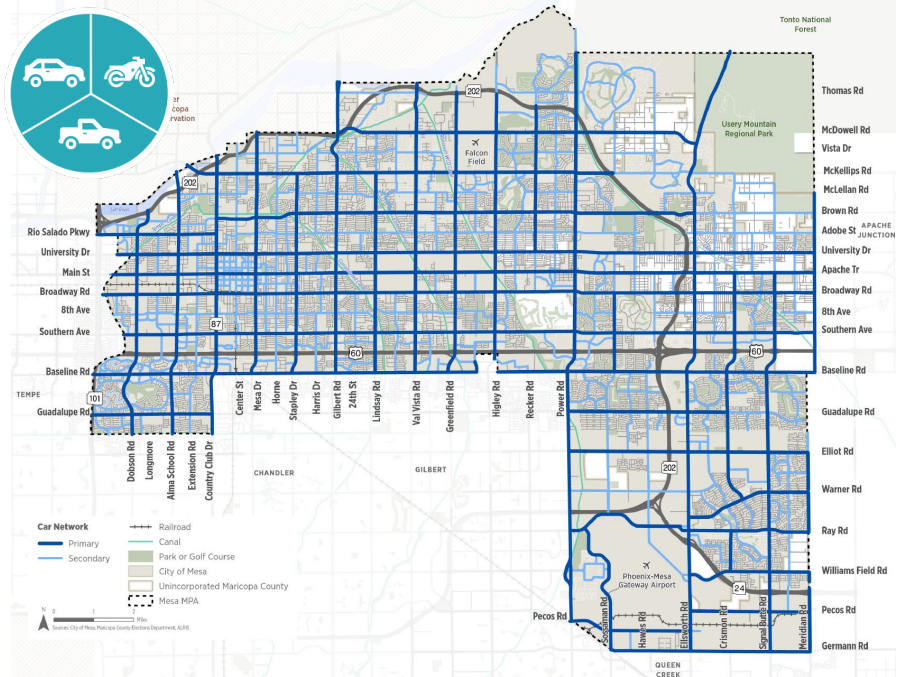


Y2035

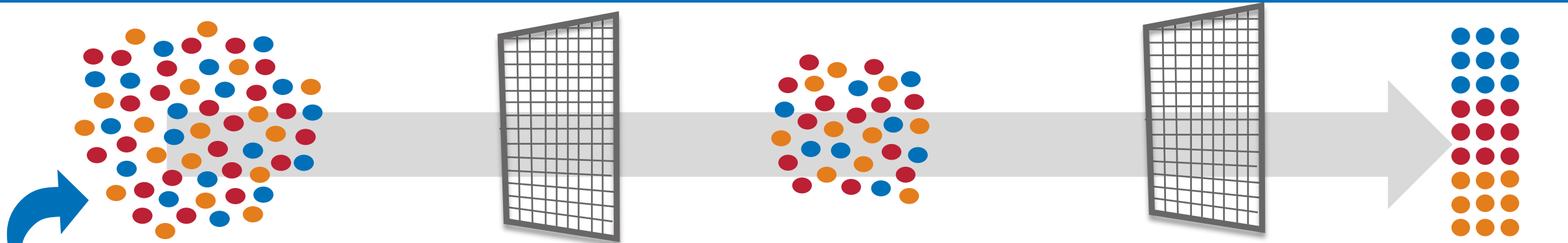


Future Needs

Complete Networks



Future Needs



Step 1. Collect a Universe of Ideas

- Staff, community and stakeholder feedback
- Transportation Advisory Board input
- General Plan growth strategies
- Comprehensive data analysis

Step 2. Evaluate Needs

Needs were grouped into categories and evaluated to confirm that they:

- Address specific issue/gap
- Achieve the TMP vision and goals
- Support General Plan's growth strategies

Step 3. Determine Priority/Phasing

Based on the evaluation results, needs were further screened to confirm implementation feasibility and then categorized by priority/phasing tiers for implementation.



Roadway and Safety Needs



Pedestrian Needs



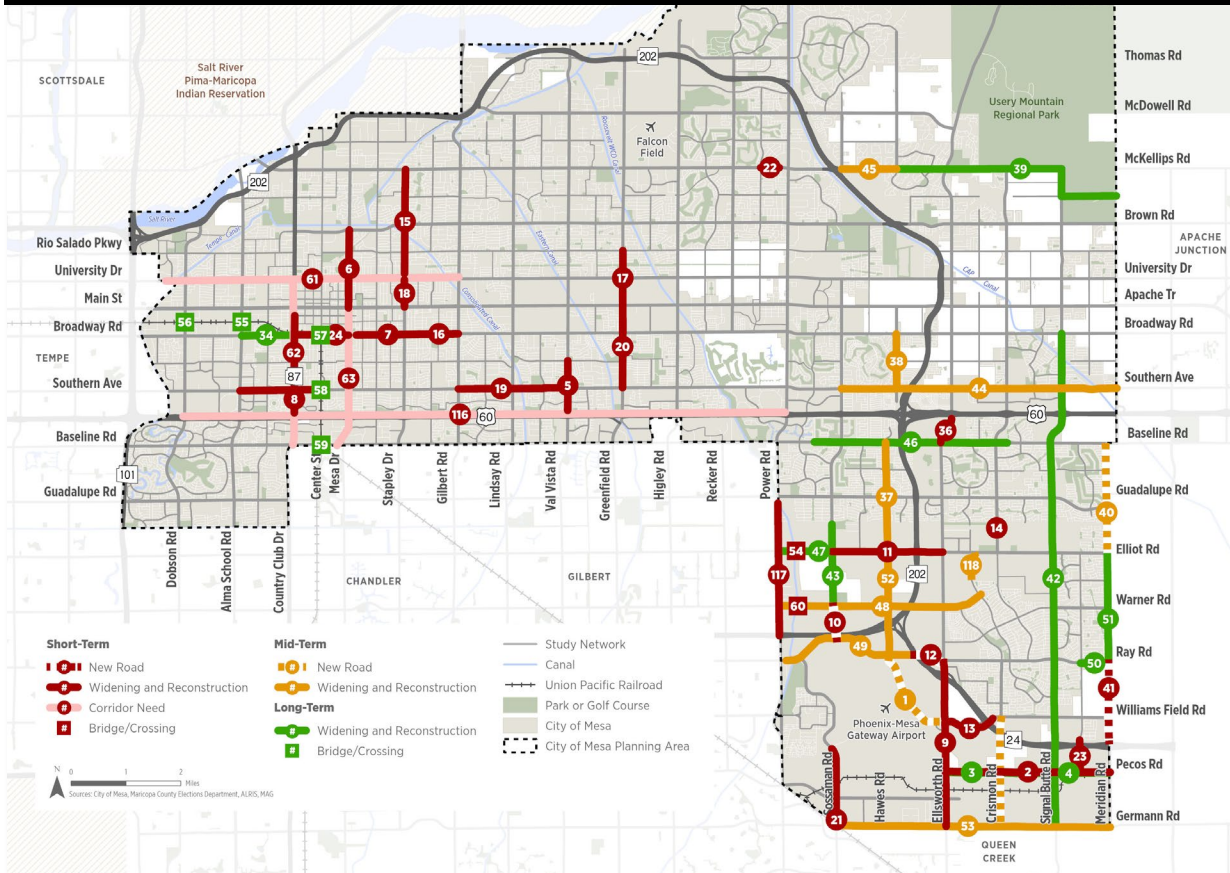
Bicycle Needs



Transit Needs

Future Needs

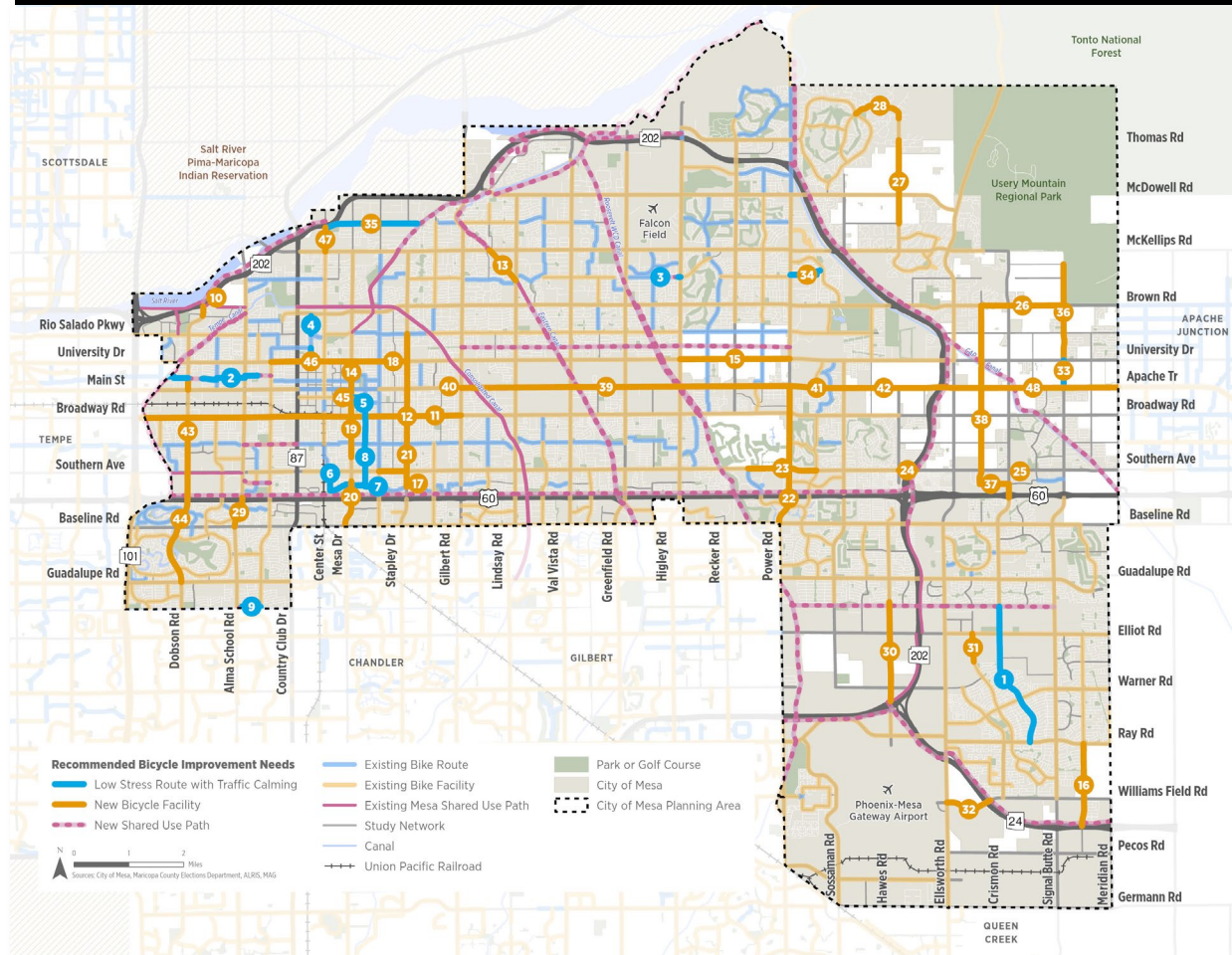
Widening and Reconstruction Needs



- *Widening and Reconstruction*
- *New Roads*
- *Bridge and Crossing Needs*
- *Intersection Improvements*
- *Safety Improvement Needs*
- *Corridor Studies*

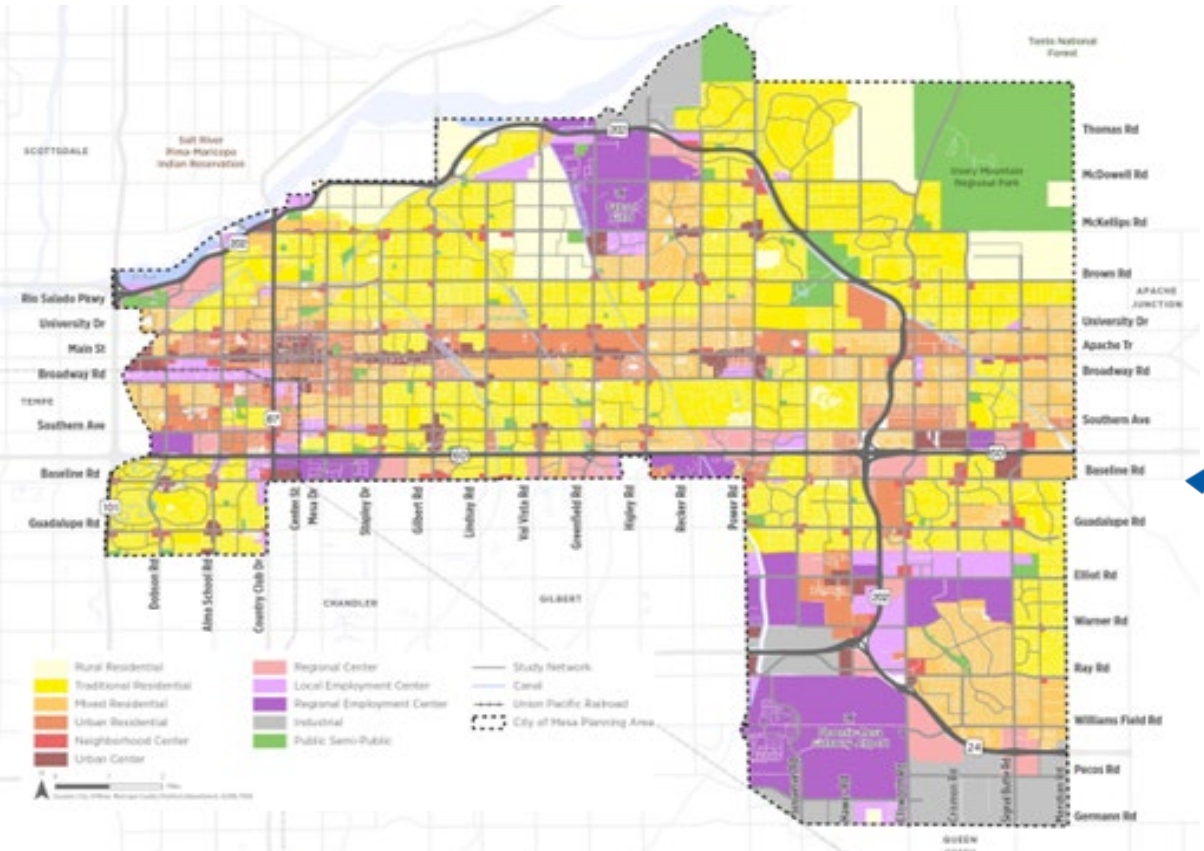
Future Needs

New Bicycle Facility Needs



- **Shared Use Path Network Needs**
- **Sidewalk Gaps on Collectors and Arterials**
- **Bicycle Gaps and Extensions**
- **Upgrades to Existing Bicycle Facilities**
- **Crossing Improvement Needs**

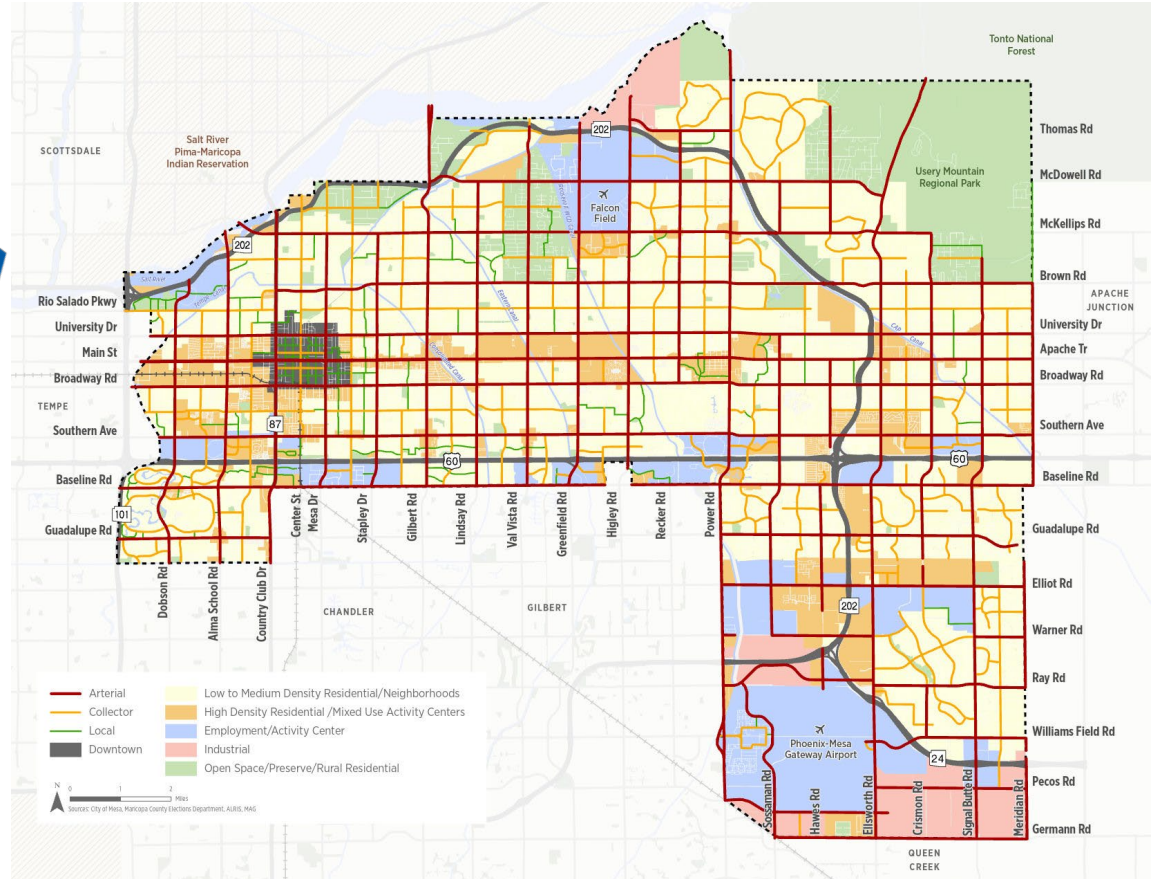
Integration with the General Plan



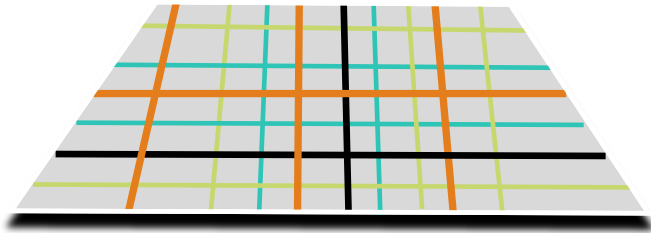
General Plan Placetypes



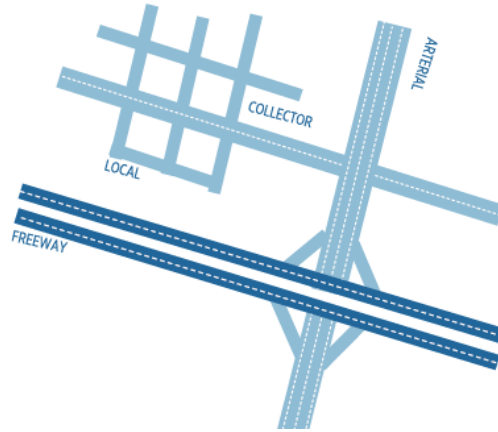
TMP Street Contexts



STREET TYPOLOGIES PROCESS



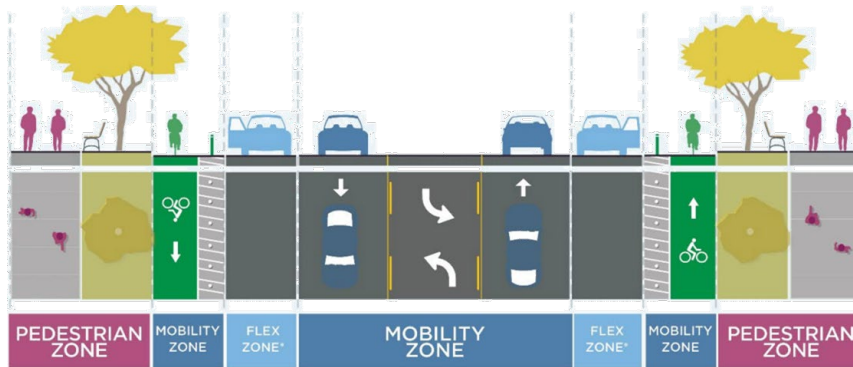
Complete Networks



Functional Classification



Street Context



Street Typologies

Defines Street Elements (Travel lanes, transit infrastructure, sidewalks, bike lanes, etc.)

Final Stage of TMP Development

- *Currently Finalizing Future Needs and Street Typologies*
- *Draft Report Document (May-June)*
- *Phase III Community Engagement (June-July)*
- *Final Approved Document Anticipated (July-August)*
 - *Executive Summary*
 - *Main Document*
 - *Appendices for Technical Items*
 - *Implementation Strategies*



QUESTIONS?