

Southeast Mesa Land Use and Transportation Plan

City of Mesa



March 27, 2019

Community Meeting #2

Kimley»»Horn



Project Team

City Project Manager

- Al Zubi, P.E. PTOE, Transportation Department

Project Lead

- Michael Grandy, P.E. Kimley-Horn, Project Manager, Transportation

Project Support

- Felipe Zubia, AICP, Matrix, Land Use
- Jim Rounds, Rounds Consulting, Economics

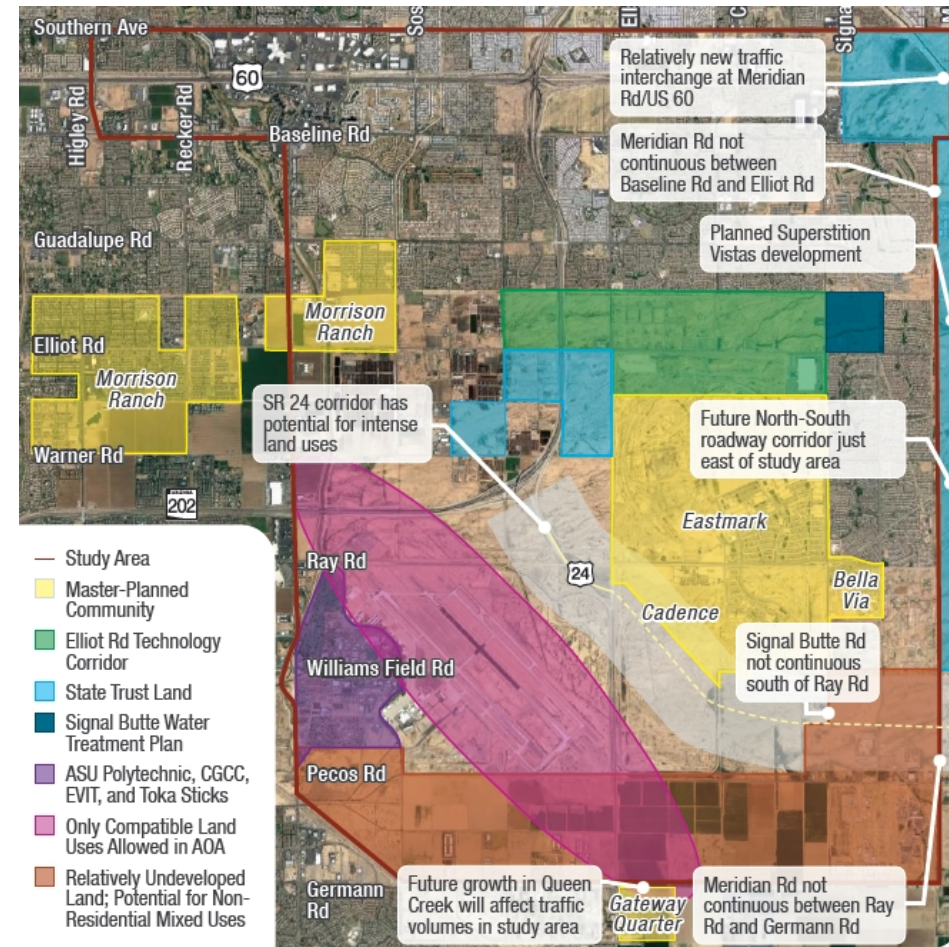
Agenda

1. Project Need/Scope/Schedule
2. Community Meeting #1 Input Received
3. Draft Future Land Use Plan
4. Draft Future Transportation Plan
5. Next Steps
6. Break-out for Open House

Need for Southeast Mesa LUTP



- **Land Development**
 - Few Remaining Large Undeveloped Parcels
 - Changing Markets & Trends
 - Updated Land Use Assumptions
- **Road Project Prioritization**
 - SR 24 Extension
 - Which Roads to Build First?
 - How Many Lanes are Needed?



Project Scope



- **Existing Conditions Update**
 - Market Analysis
 - Land Use Update
 - Transportation Update
- **Public Engagement**
 - Community Involvement Plan
 - Stakeholders
 - Workshops
 - Council, Committee Board updates
- **Plan Updates**
 - Vision, Goals, and Policies
 - Infrastructure Programming and Prioritization

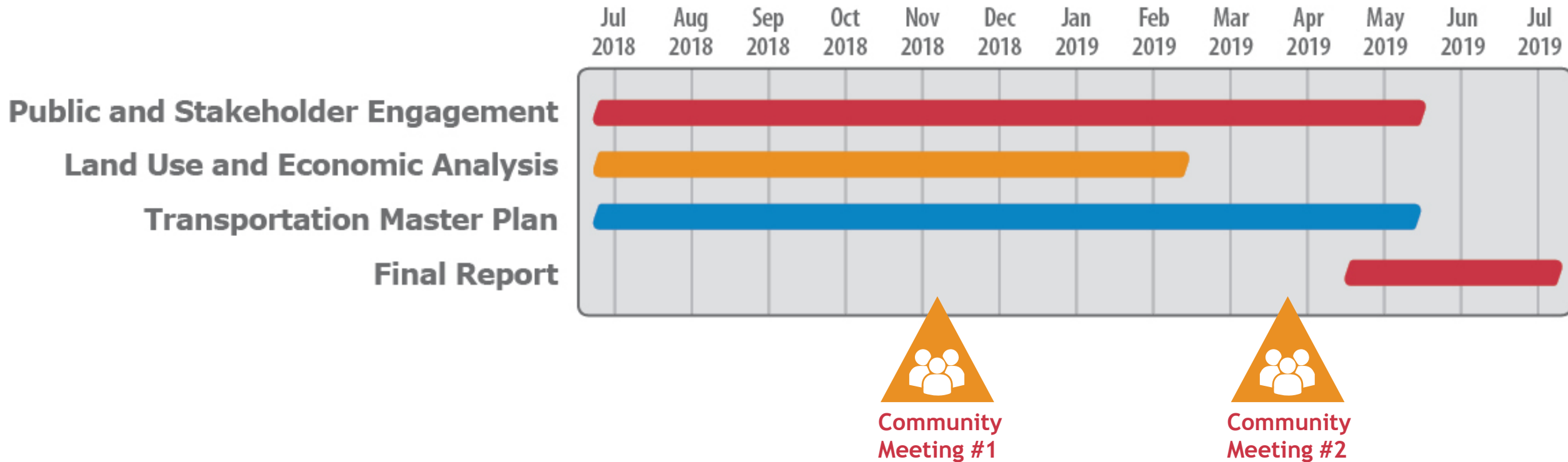
Community Involvement Plan

Southeast Mesa Land Use and Transportation Plan
October 2018



mesaaz.gov/SEMesaPlan

Project Schedule



Community Meeting #1 Input Received

120+ attendees at meeting!!

Interactive Exercise Input



- Transportation facilities are what needs to be improved the most in the study area
- Narrow roads, bicycle/pedestrian facilities, and public transit should be improved
- High-priority north-south roads to improve are Signal Butte Rd, Ellsworth Rd, and Crismon Rd
- High-priority east-west roads to improve are Warner Rd, Elliot Rd, and Ray Rd



Mapping Exercise Results

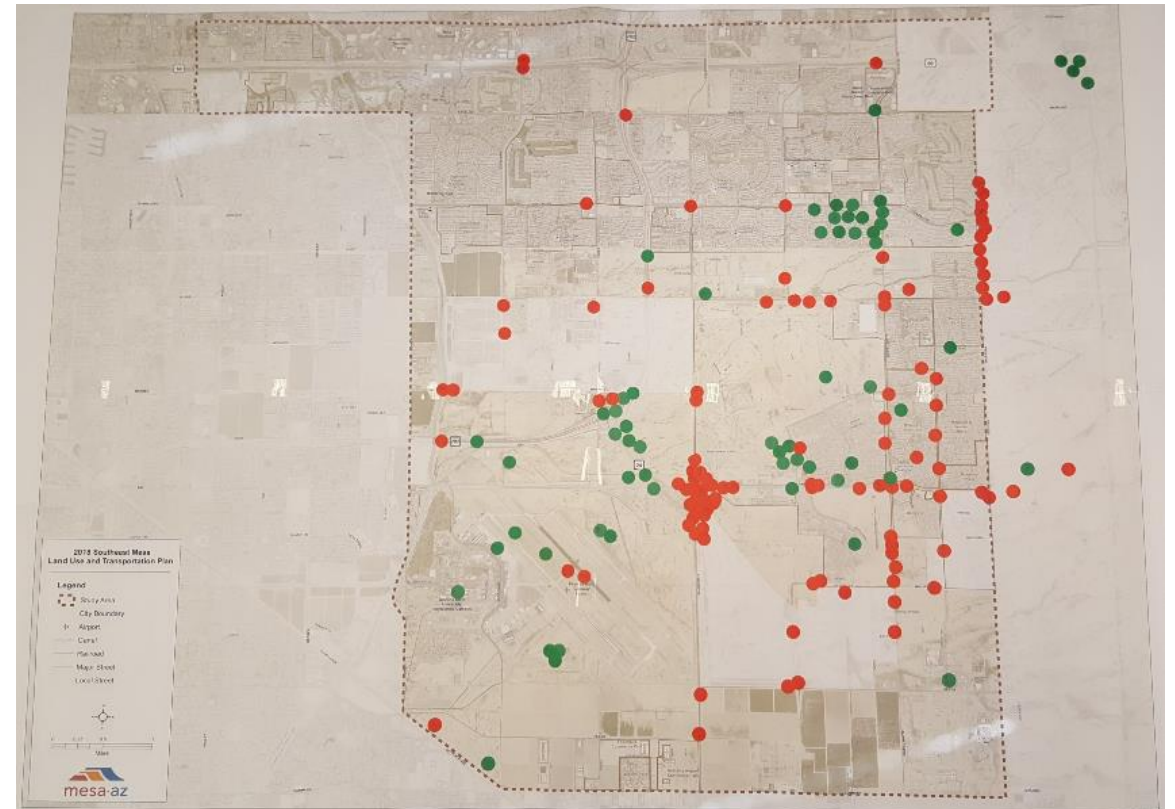


■ Positive Attributes

- View of the mountains to the east
- Good neighborhoods, schools, and parks
- SR 24
- Airport and higher education

■ Areas Needing Improvement

- Heavy congestion on Ellsworth Rd
- SR 24 back-ups at Ellsworth Rd
- Discontinuous roads:
 - Signal Butte Rd
 - Meridian Rd
 - Warner Rd
- Traffic/speeding on Mountain Rd

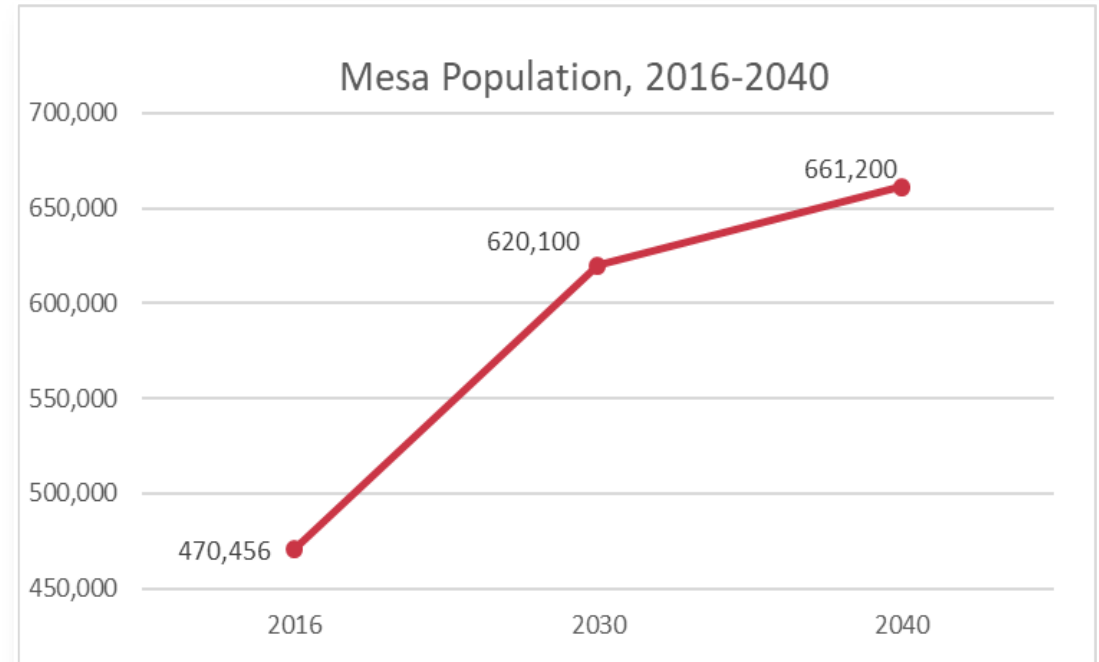


Draft Future Land Use Plan



Population Growth

- In 2016, U.S. Census estimated study area includes **21%** of the City's overall population
- By 2040, population in the study area is expected to grow by 72,000 people, representing **26%** of the City's overall population.



Year	City of Mesa	Project Area	% of Project Area
2016*	470,456	99,930	21%
2030+ (est.)	620,100	142,623	23%
2040+ (est.)	661,200	171,792	26%

* U.S. Census

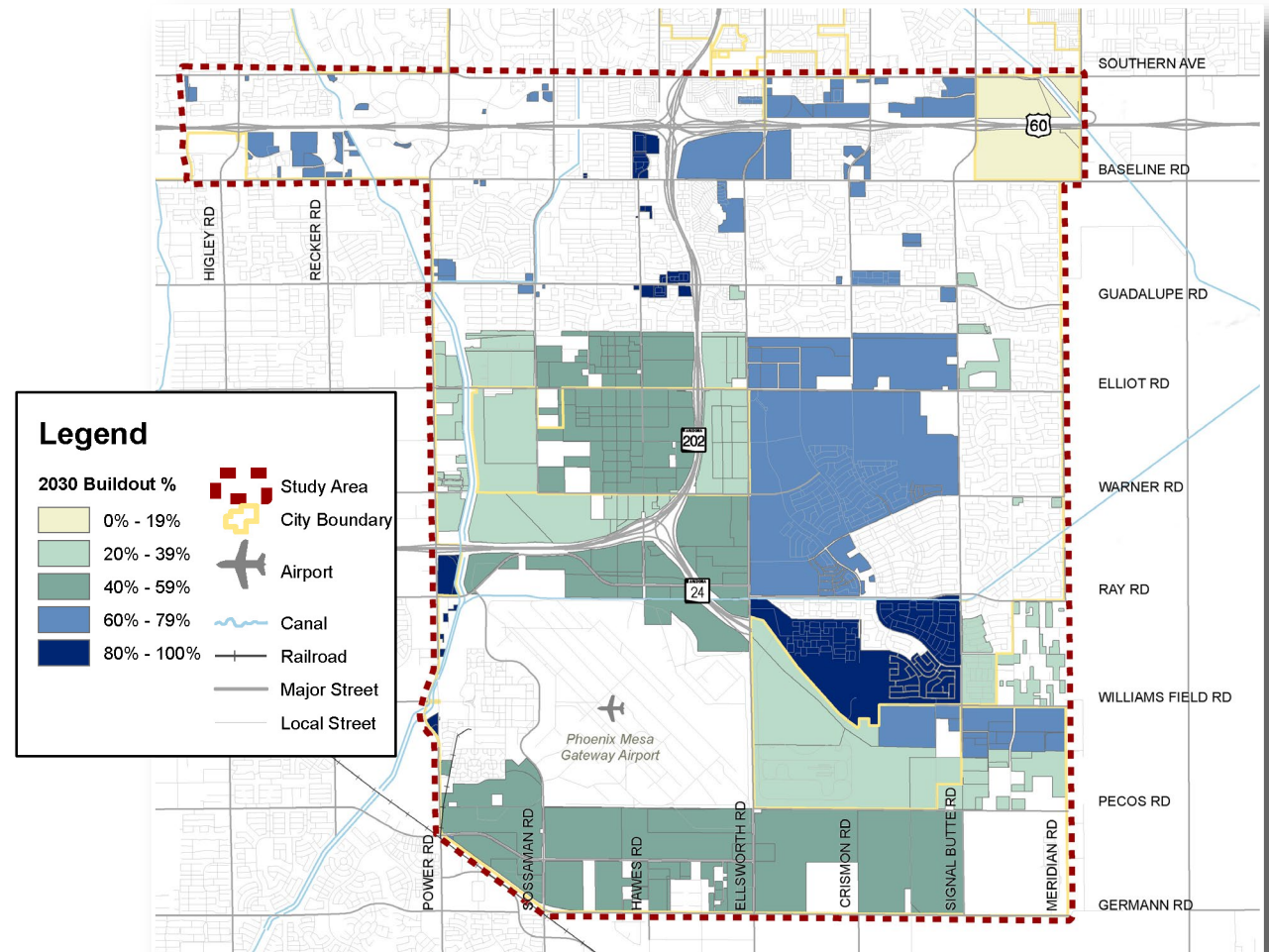
+ State of Arizona and buildout model estimates

Future Land Use Plan



2030 Percent Built Out

- Population in study area expected to grow by approximately 47,000 people, a 47% increase over the current population
- Population growth primarily focused between Ellsworth Rd and Signal Butte Rd north of SR 24
- Employment uses will develop south of airport and along the two freeways, tripling employment in study area

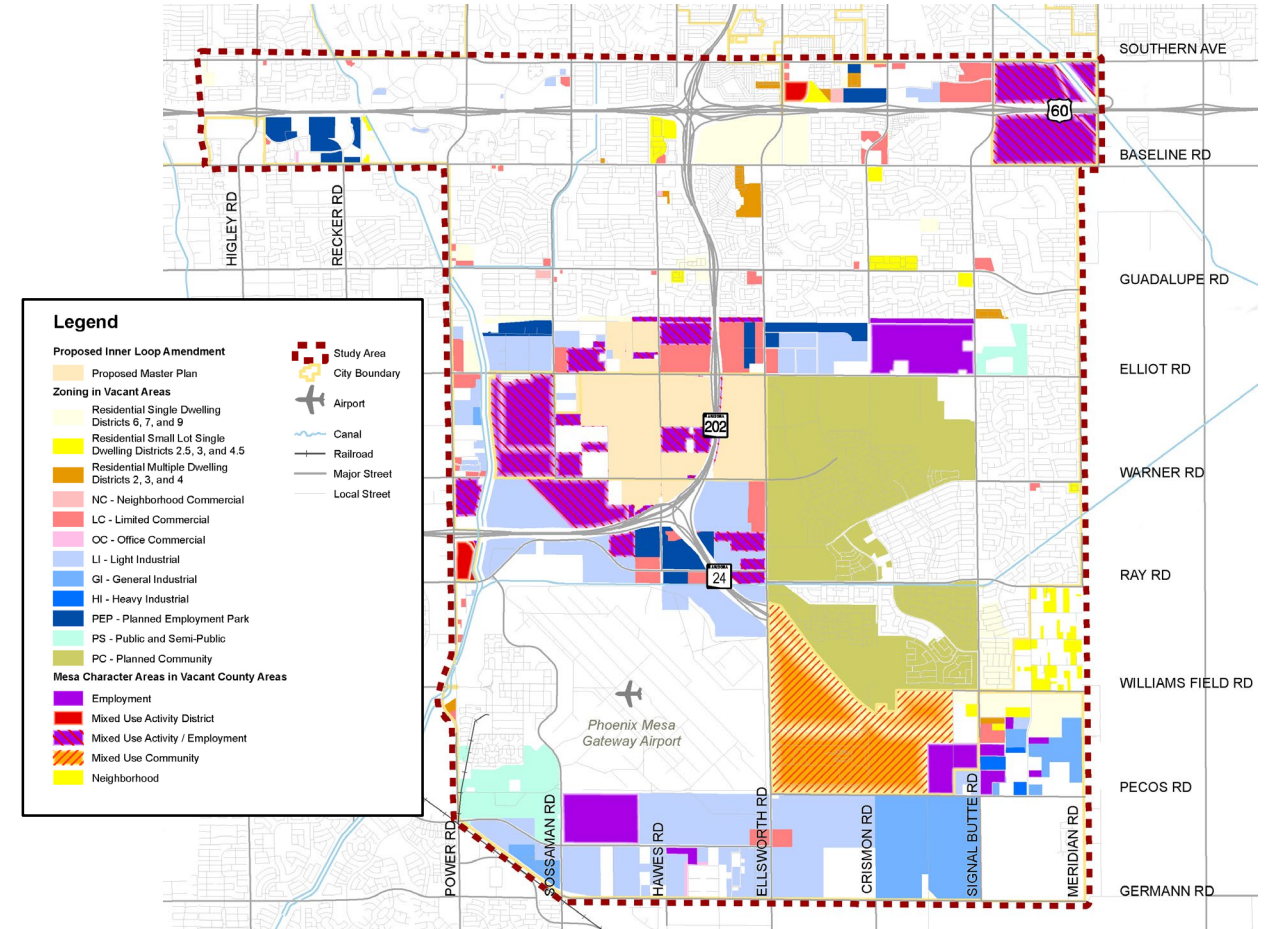


Future Land Use Plan



2040 Buildout

- By 2040, study area is expected to be nearly built out
- An additional 25,000 people expected to move to area
- Employment growth (light industrial and commercial) to bring 100,000 additional employees between 2030 and 2040
- Based on existing zoning assumptions

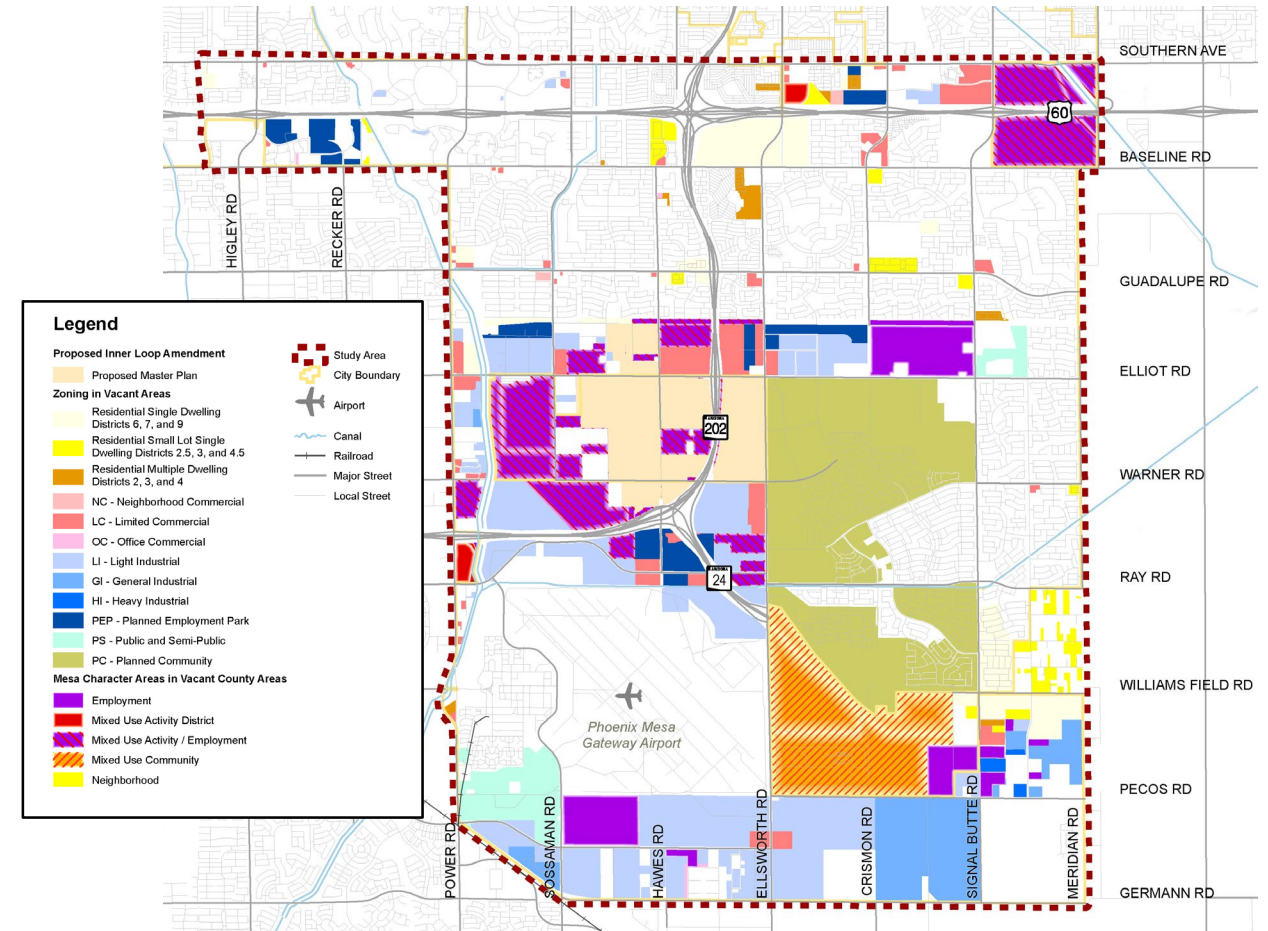


Economic Impact Analysis



Future Land Use Scenario

- Development of future available land = **13,622 acres**
- Jobs at build-out = **478,901**
- Total economic output generated at build-out = **\$94.5 billion**

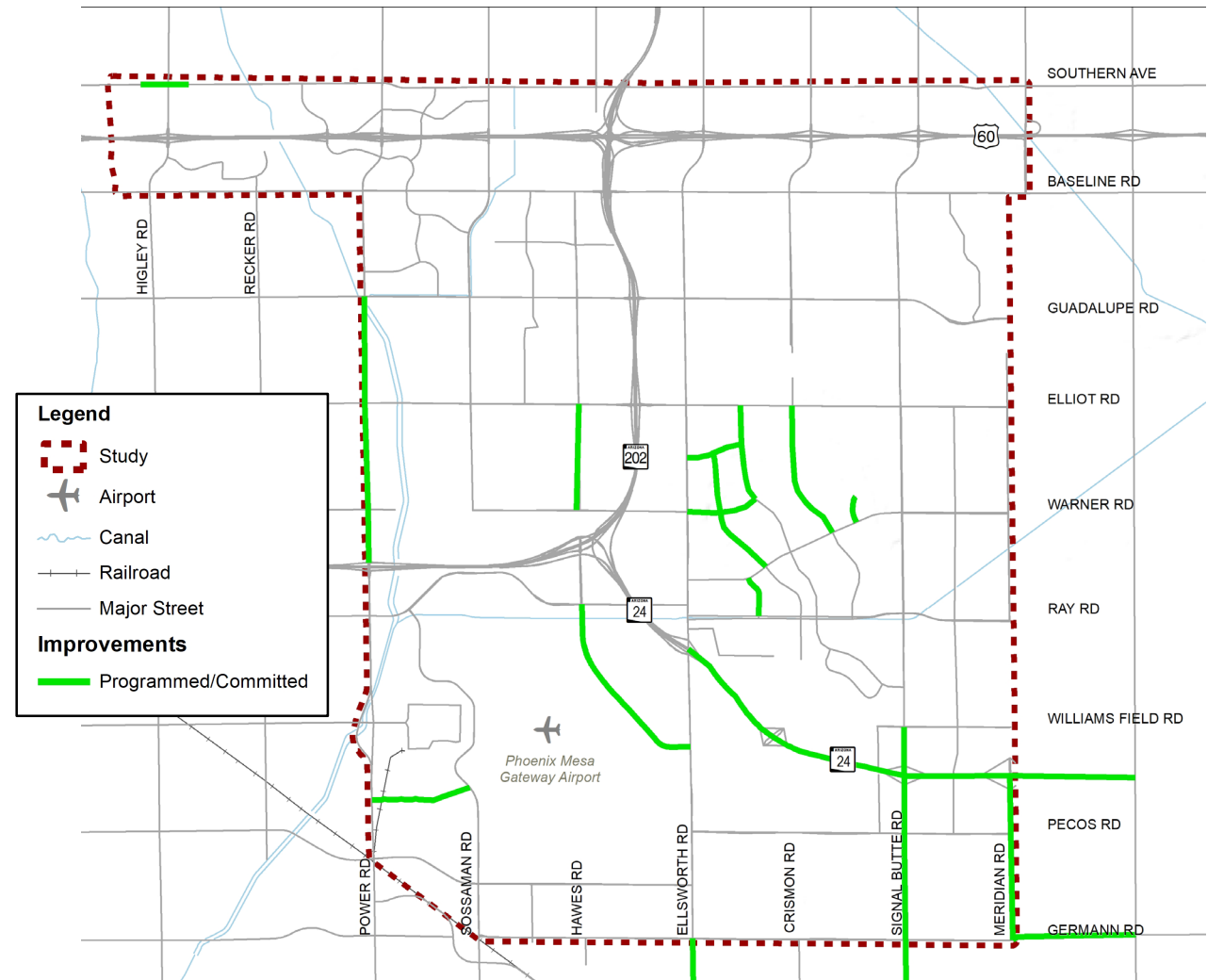


Draft Future Transportation Plan

“Baseline” Scenario



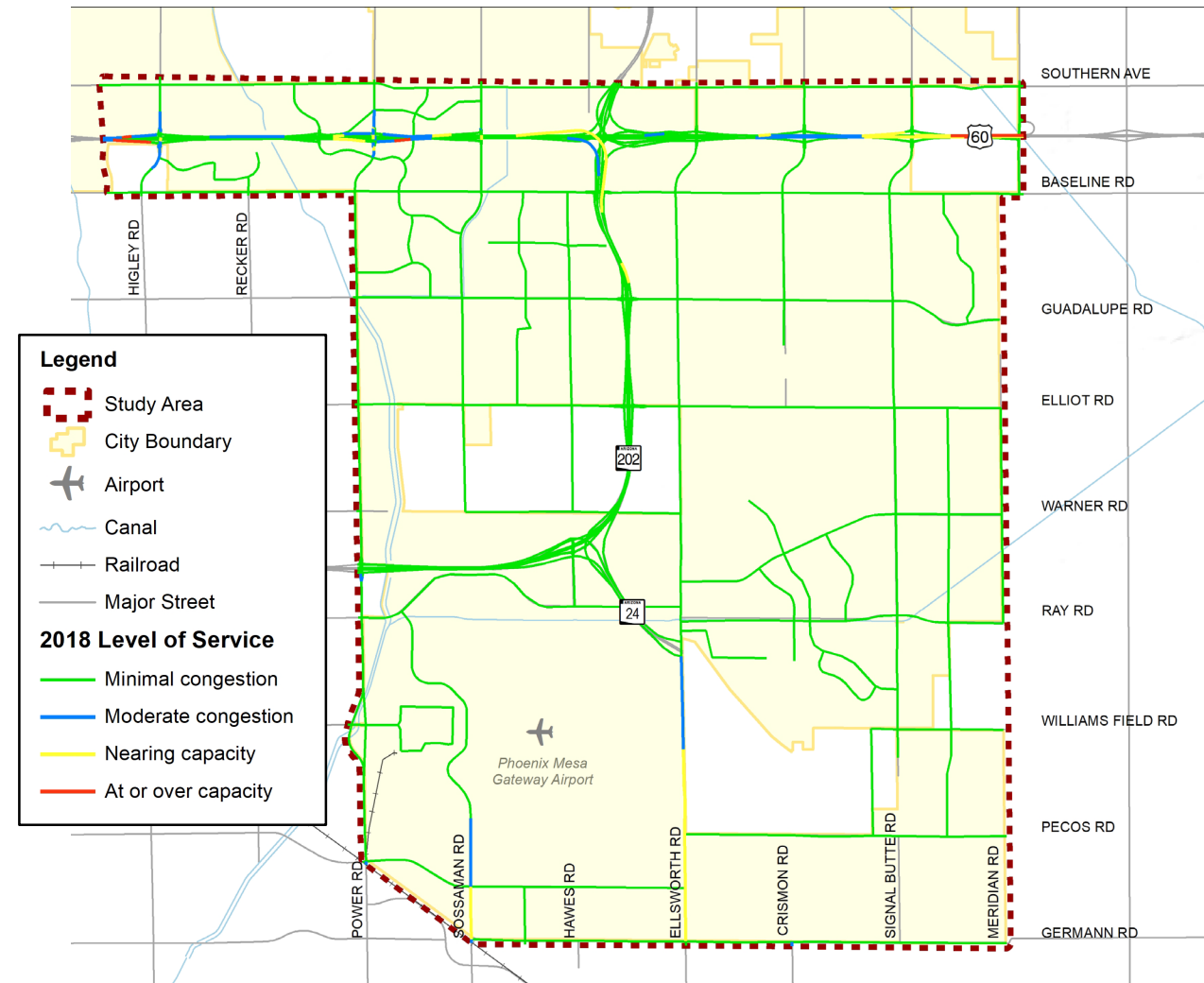
- Several improvements already under construction, funded (programmed), or committed
- SR 24 extension to Ironwood Rd as 4-lane interim freeway
- New segments of Signal Butte Rd and Meridian Rd to connect to SR 24
- Some privately funded roads (e.g., Eastmark)



Traffic Conditions - 2018 Baseline



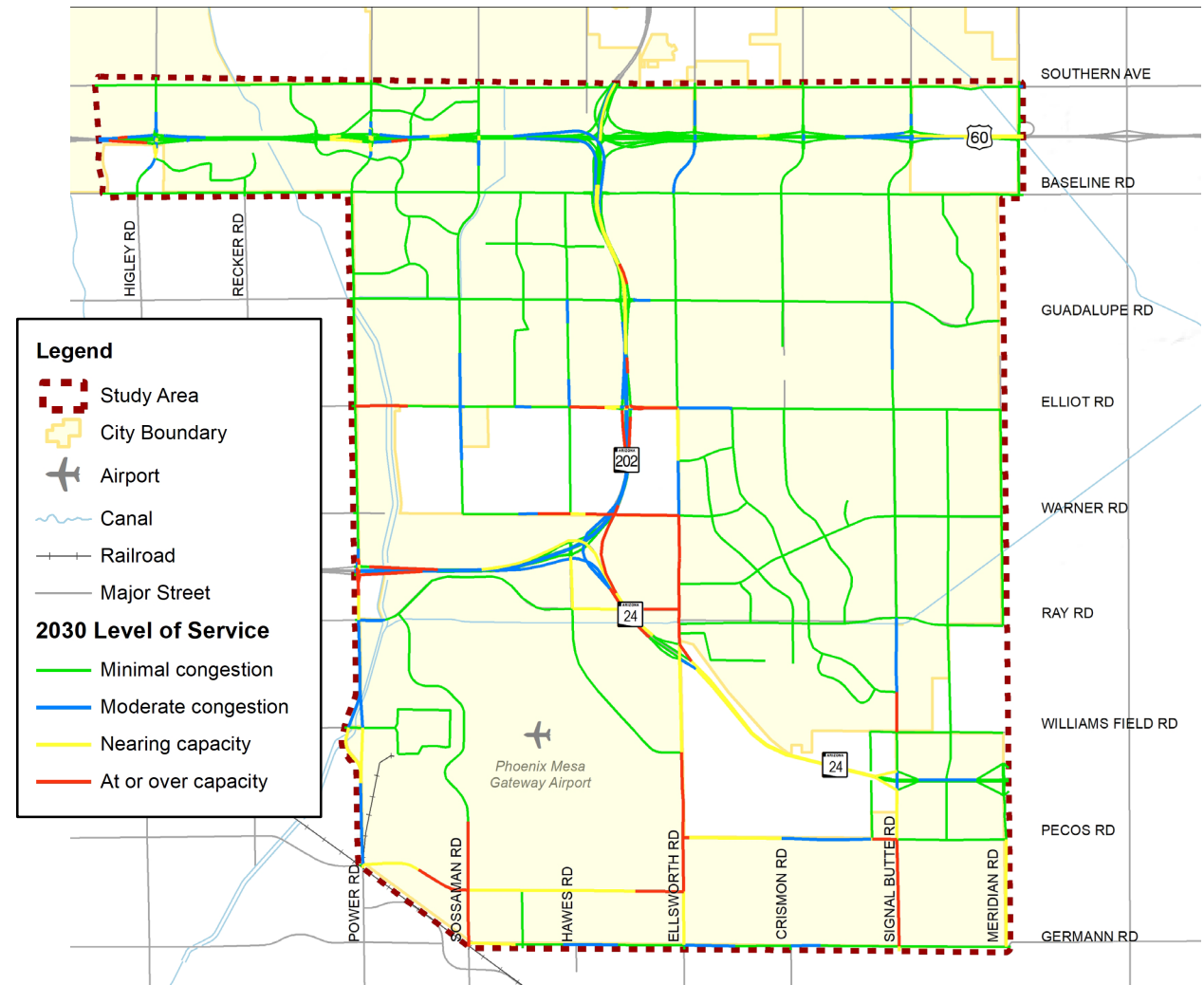
- Ellsworth Rd south of SR 24 close to capacity
- Sossaman Rd near Pecos Rd close to capacity
- Much of rest of road network has minimal congestion
- Several gaps in grid network



Traffic Conditions - 2030 Baseline



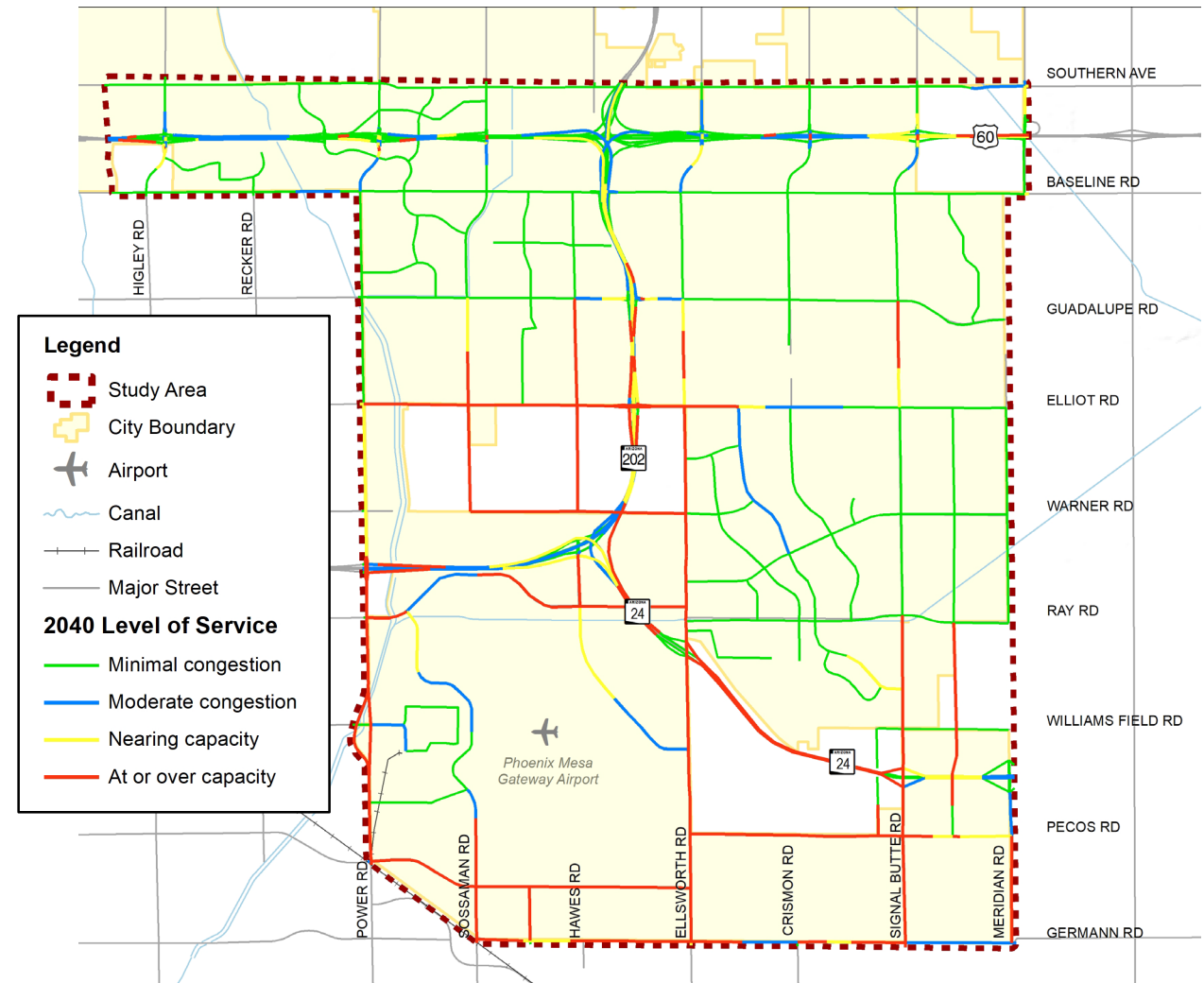
- Ellsworth Rd south of Warner Rd at or over capacity
- Signal Butte Rd south of SR 24 at or over capacity
- Parts of Elliot Rd and Warner Rd over capacity
- Pecos Rd at or over capacity
- Congestion at several Loop 202 traffic interchanges



Traffic Conditions - 2040 Baseline



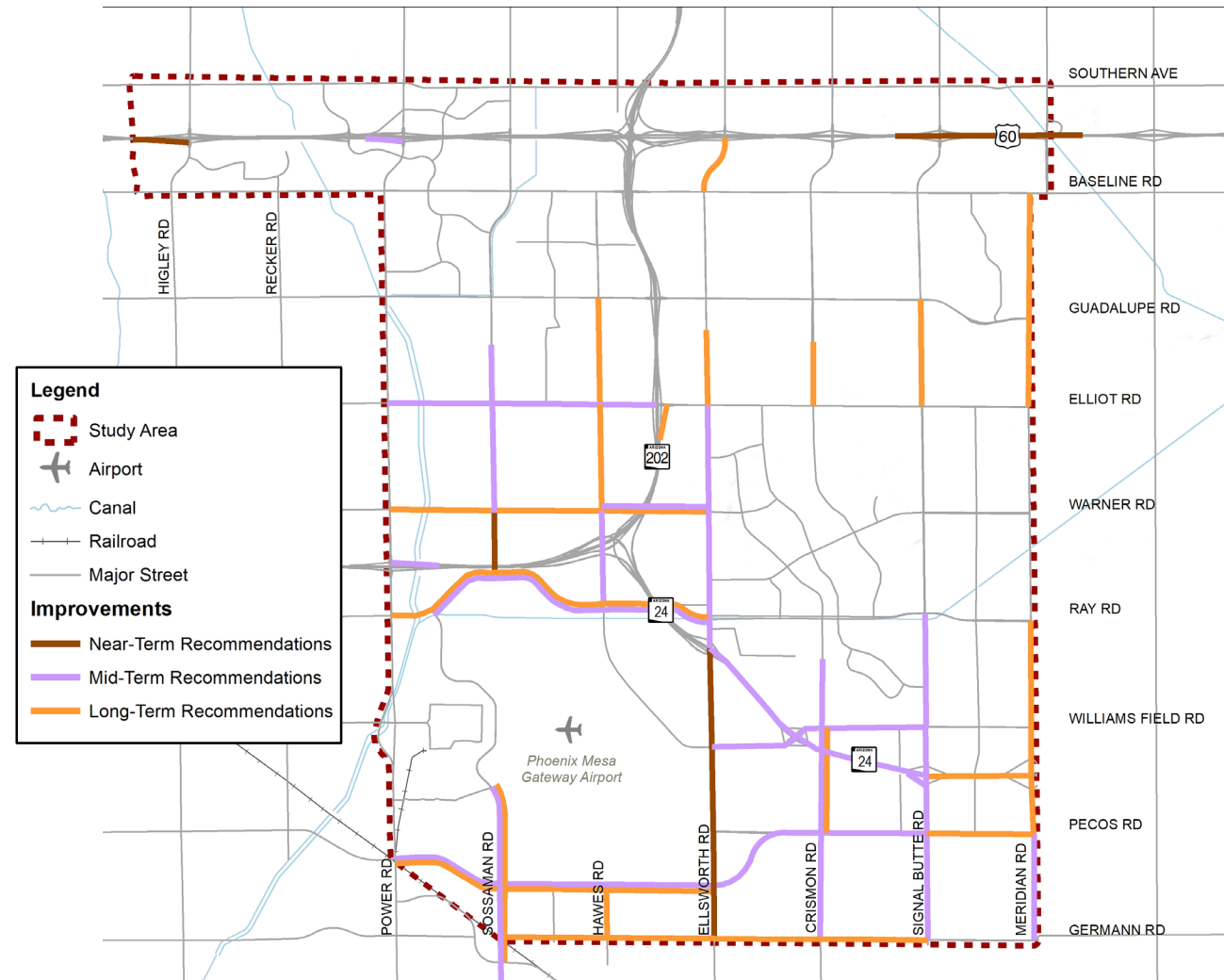
- Much of network south of Elliot Rd over capacity
- Demand on Ellsworth Rd is double the available capacity
- SR 24 over capacity
- Elliot Rd at or over capacity
- Northern part of study area generally still has minimal congestion



Draft Recommended Improvement Plan



- Most of network will have minimal or moderate congestion if implement recommended improvements
- Near-term: widen Ellsworth Rd and extend Sossaman Rd across Loop 202 to Ray Rd
- Long-term: grid network of 4-lane and 6-lane arterial roads

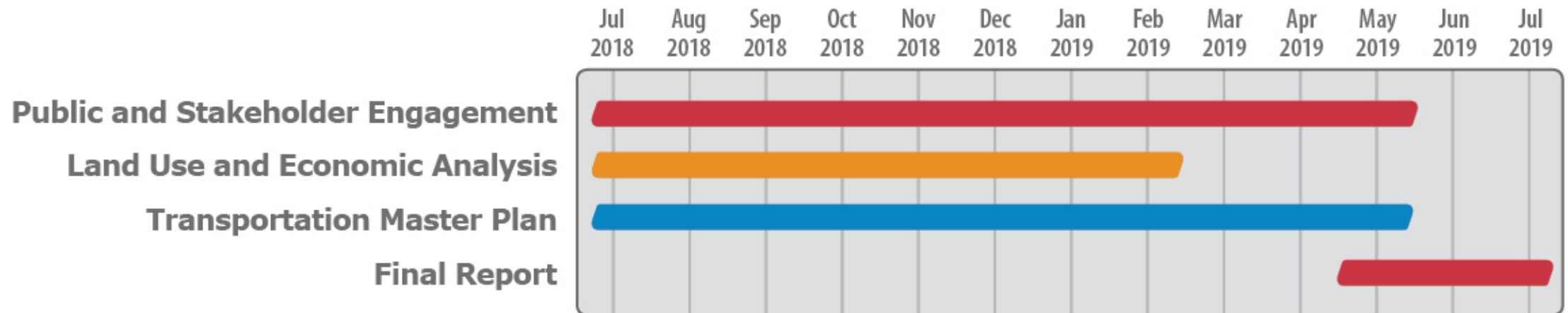


Next Steps

Remaining Tasks



- Finalize recommendations – April 2019
- Prioritize recommendations – May 2019
- Draft Final Report – June 2019
- Final Report – July 2019



Break-out for Open House

We want to hear from you!!

Please come talk to us and fill out a comment card or post a comment on the project website.