



# Corridor Optimization, Access Management Plan, And System Study

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## Final Recommendations on the US-60/ Grand Avenue COMPASS Project

Management Committee  
January 6, 2016



51st Ave and Bethany Home Rd



# Vision Statement and Guiding Principles

- Preserve and promote **transportation capacity**;
- Integrate **multimodal transportation**;
- Support **economic growth**;
- Advance **safety and security**;
- Establish a **unified and coordinated approach to land-use access**;
- Promote a **transit-supportive development pattern**;
- Encourage **coordinated aesthetics**;
- Connect **communities in a cost effective manner**.



# Four Alternatives

There's No Place Like Grand.



Continue with planned improvements from **Regional Transportation Plan**.

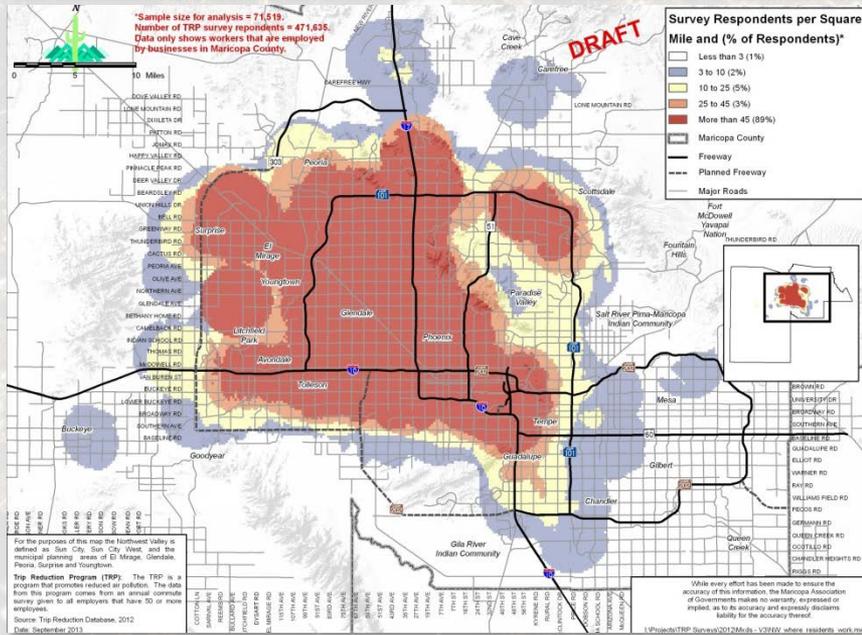
Reconsider the US-60/**Grand Avenue Expressway** Option.

Plan for **Commuter Rail with operational improvements**.

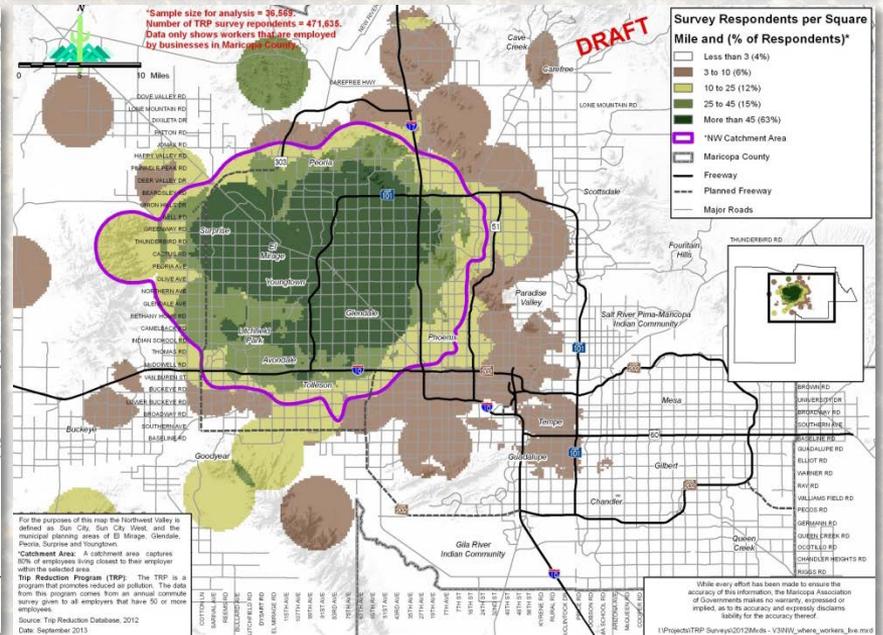
Identify **Other High Capacity Transit Options** with US-60 enhancements.

# Northwest Valley Work Trip Patterns

## Where Residents Work

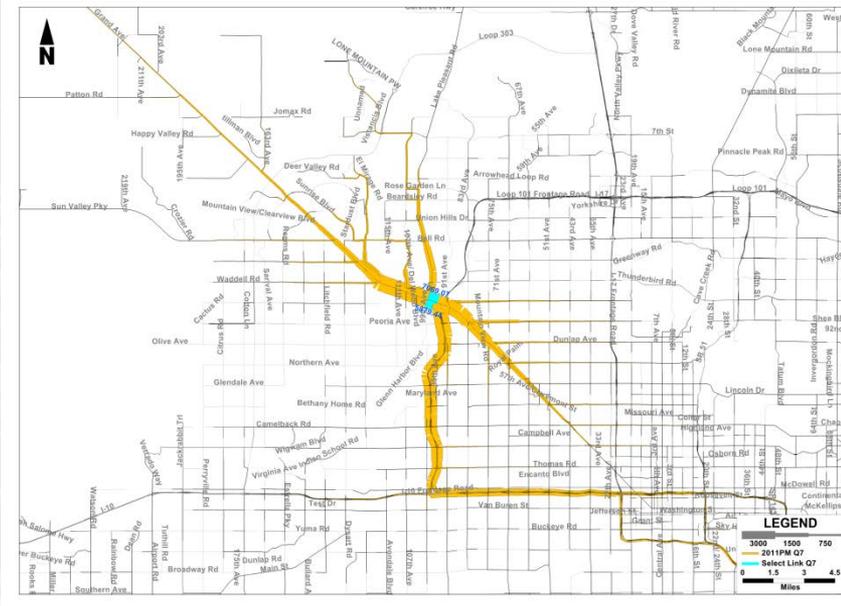


## Where Workers Live

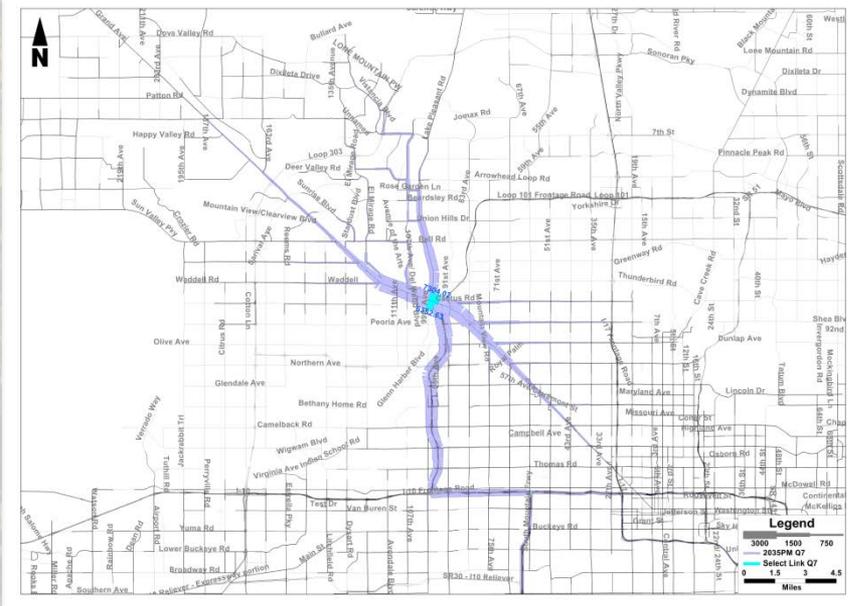


# East of 99th Ave Select Link Results

2011



2035



# Alternatives Screening



	Red	Purple	Blue	Green
<b>Travel Demand</b> <ul style="list-style-type: none"> <li>Accommodate future travel?</li> </ul>	✗	⊙	⊙	⊙
<b>Safety and Accessibility</b> <ul style="list-style-type: none"> <li>Minimizes conflict points and enhances adjacent property access?</li> </ul>	○	○	⊙	⊙
<b>Economic Opportunity</b> <ul style="list-style-type: none"> <li>Provide redevelopment opportunities?</li> </ul>	✗	✗	○	⊙
<b>Investment Needs</b> <ul style="list-style-type: none"> <li>Does the concept require a significant revenues for implementation?</li> </ul>	⊙	✗	○	✗
<b>Corridor Vision</b> <ul style="list-style-type: none"> <li>Meet the planning goals espoused by the corridor communities?</li> </ul>	✗	✗	⊙	✗

# Four Alternatives

There's No Place Like Grand.



Continue with planned improvements from **Regional Transportation Plan**.

Reject the **US-60 Expressway** Option.

Plan for **Commuter Rail** with **operational improvements**.

Identify **Other High Capacity Transit Options** with US-60 enhancements.

# Four Alternatives

There's No Place Like Grand.



Continue with planned improvements from **Regional Transportation Plan.**

Recommends the US-60 **Expressway** Option.

Plan for **Commuter Rail** with **operational improvements.**

Identify **Commuter** **Highway** **Transit** **Options** with US-60 enhancements.

# COMPASS Framework

There's No Place Like Grand.



Continue with planned improvements from **Regional Transportation Plan**.

Establish a corridor-wide **Access Management System**.

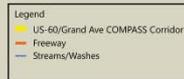
Address remaining **bottlenecks** and **congestion points**.

Plan for **Commuter Rail** with **operational improvements**.

# What is Corridor Optimization?

- Maintain private property access.
- New overcrossings of BNSF Railway.
- “Cleans Up” existing geometries.
- Reduces need for traffic signals.

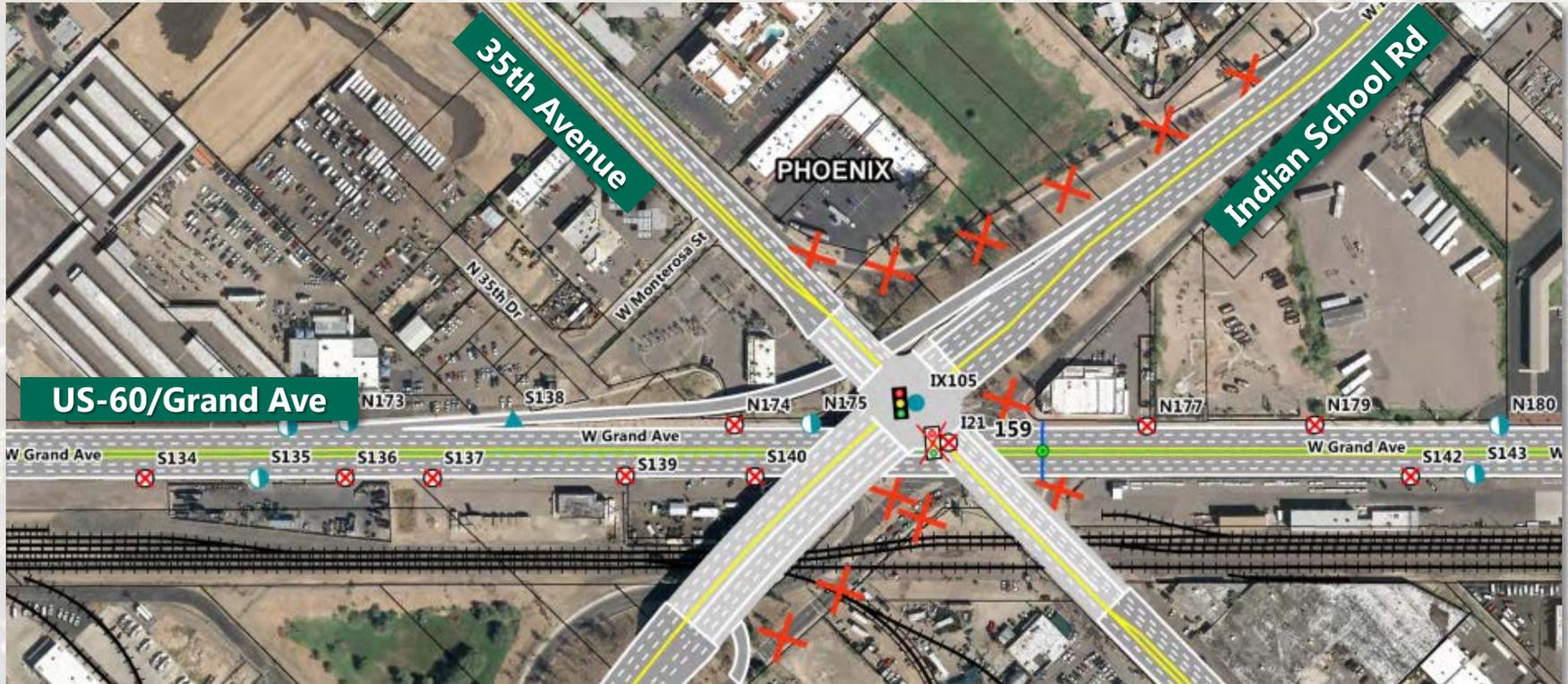
## Recommendations Map Book



US-60/Grand Avenue:  
Loop 303 to Interstate 10

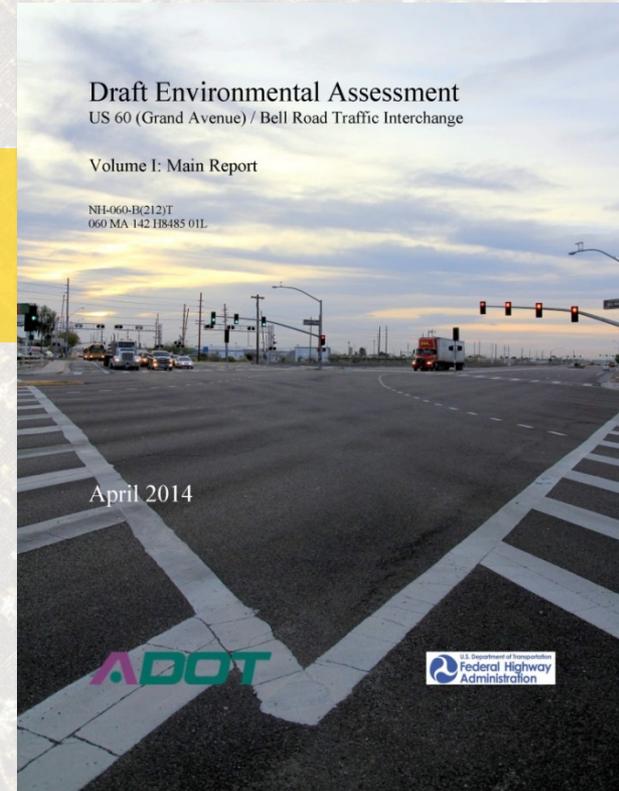
## PLANNING FOR OPERATIONS

# What is Corridor Optimization?



# Concepts vs. Alternatives

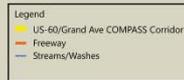
- Geometric recommendations **are only concepts** at this point.
- Design and Environmental Clearances are the next steps with required **local, state and federal agencies approvals**.



# Access Management

- Consolidated **230 access points**. Remaining access points include:
  - 119** right-in right-out access points;
  - 12** three-quarter movement access points;
  - 32** full movement access points (intersections); and
  - 28** ramp connections.

## Recommendations Map Book



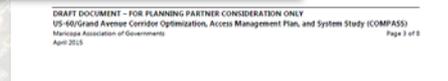
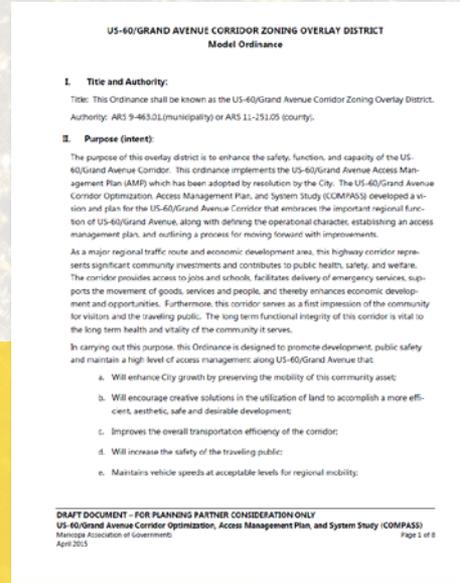
US-60/Grand Avenue:  
Loop 303 to Interstate 10

## PLANNING FOR OPERATIONS

# Systems Planning and Implementation

## ■ ZONING OVERLAY DISTRICT

- Provides clear guidance and an enforcement mechanism to enhance safety, function, and capacity.
- Outlines purpose, applicability and conformity.
- Defines **district boundaries and standards for development, streets and driveway connections.**
- Describes process for **managing non-conforming access** and coordination between agencies.
- Incorporates multi-modal travel.





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