

Welcome!

The Grand-35 Public Scoping Meeting will begin shortly.

Webex Help: 866.229.3239

Visit us online at [ADOTGrand35Study.com](https://www.adotgrand35study.com).

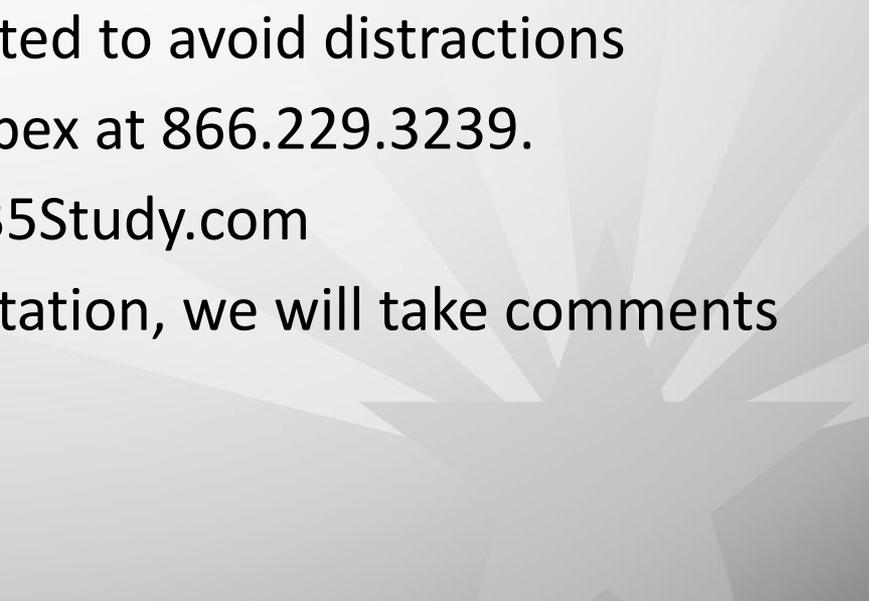
Grand-35

US 60(Grand Avenue)/35th Avenue/Indian School Road
Design Concept Report and Environmental Study

Public Scoping Meeting

October 22, 2020

Welcome!

- All participants have been muted to avoid distractions
 - Technical difficulties? Call Webex at 866.229.3239.
 - Visit us online at ADOTGrand35Study.com
 - Following the meeting presentation, we will take comments and questions.
- 
- A large, faint, light gray star graphic is positioned in the lower right quadrant of the slide, partially overlapping the text of the last bullet point.

ADOT Non-Discrimination Notice

Pursuant to Title VI of the Civil Rights Act of 1964, the Americans with Disabilities Act (ADA) and other nondiscrimination laws and authorities, ADOT does not discriminate on the basis of race, color, national origin, sex, age, or disability. Persons that require a reasonable accommodation based on language or disability should contact Nikki Green at 855.712.8530 or ngreen@azdot.gov. Requests should be made as early as possible to ensure the study team has an opportunity to address the accommodation.

Purpose of Tonight's Meeting

- Provide overview of study
- Outline ways to provide comments during this first study phase



Tonight's Presenters

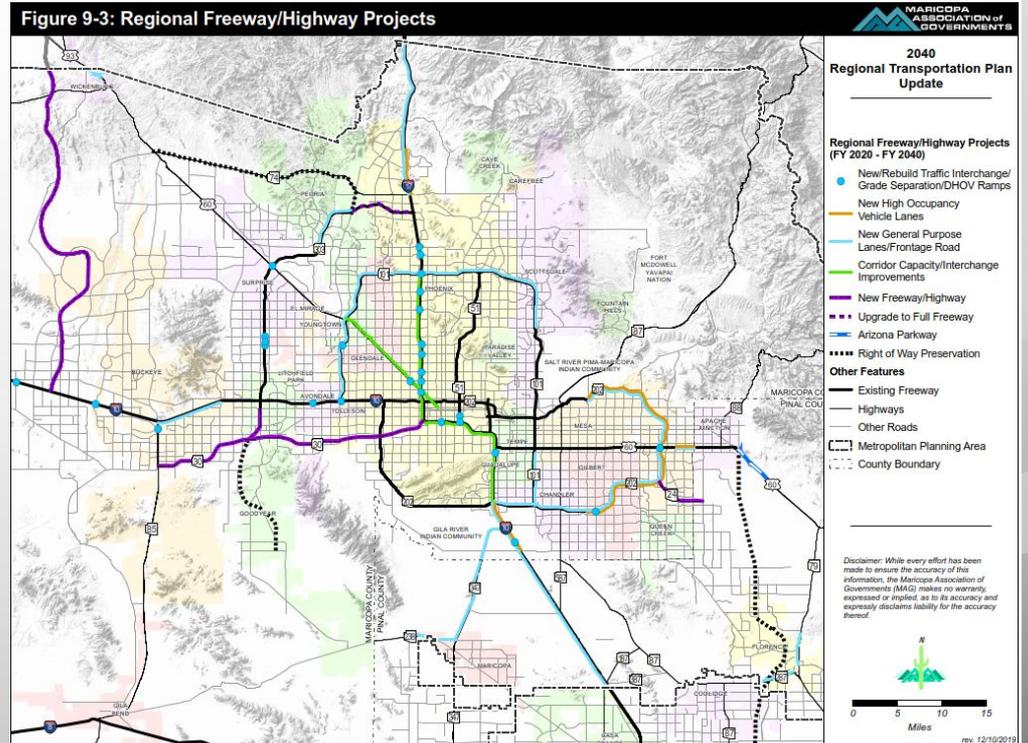
- Olivier Mirza, PE – ADOT Project Manager
- Rodney Bragg, PE – Consultant Project Manager

Agenda

- Study Overview
 - Alternatives Being Considered
 - Schedule
 - How to Provide Input
 - Q&A
- 

Regional Transportation Plan – Freeways & Highways

- Identifies intersection improvements at Grand Ave/35th Ave/ Indian School Rd
- Anticipated Funding for:
 - Design, starting 2022
 - Right-of-way acquisition, starting 2022
 - Construction, starting 2024

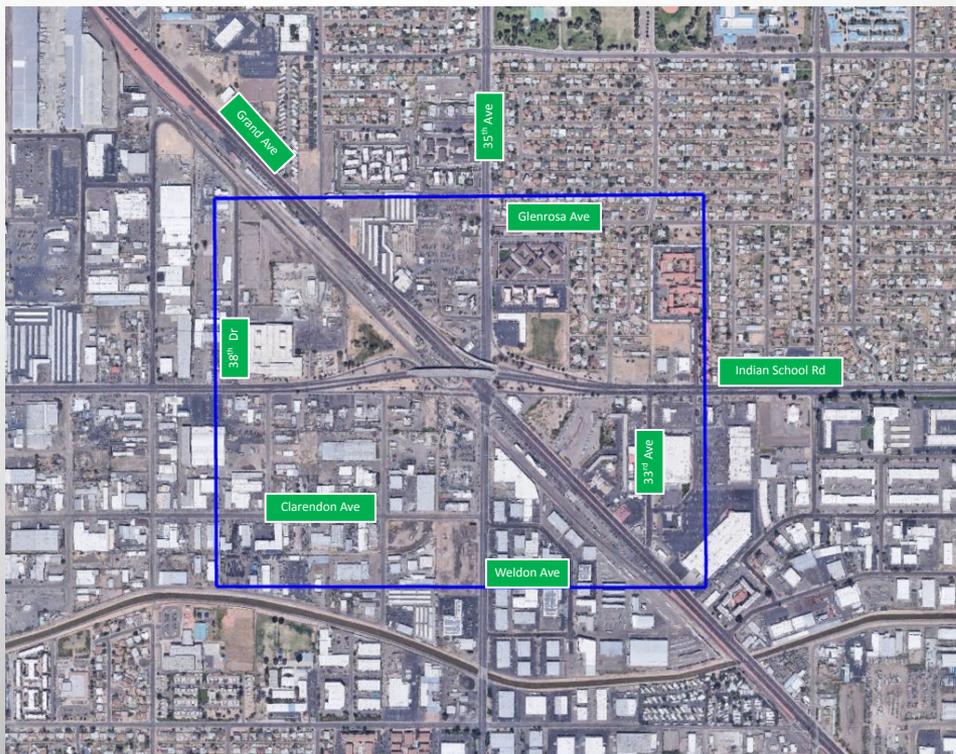


Grand Ave/35th Ave/Indian School Road vs. I-17 Indian School Traffic Interchange Improvements



Two separate projects along Indian School Road:
one at I-17 and one at 35th Avenue

Study Area



Study Area

Study Goals

- Improve traffic flow and reduce delays at the intersection
- Reduce crashes
- Eliminate at-grade railroad crossings
- Improve pedestrian, bicycle and transit facilities



Intersection Delays in the Morning

Existing

Future (2040)

LEGEND

- Delay (sec/veh)
- LOS A-C
- LOS D
- LOS E
- LOS F
- LOS = Level-of-service



Intersection Delays in the Evening

Existing



Future (2040)



LEGEND

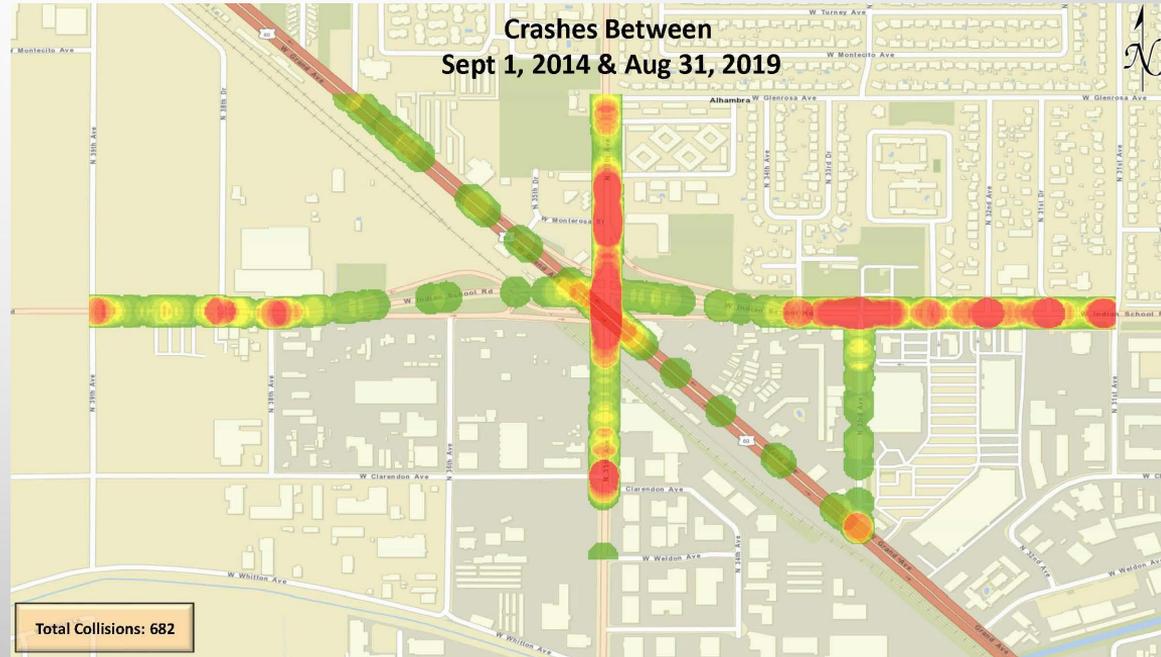
- Delay (sec/veh)
- XX
- LOS A-C
- LOS D
- LOS E
- LOS F

LOS = Level-of-service



Five Year Crash History – 2014 to 2019

- 682 crashes in 5 years
- Approximately 600 crashes at or near intersections
- 38% recorded as rear-end crashes



Study Purpose

- Prepare engineering concepts of options for improvements
 - Includes a No Build option in which no improvements are made
- Prepare an Environmental Assessment to evaluate impacts of the options
- Seek input on the options from the public and affected agencies
- Select a Preferred Alternative that best meets the study goals and has agency and public support

What is an Environmental Assessment (EA)?

- A document that is prepared in compliance with the National Environmental Policy Act (NEPA) which includes:
 - Discussion of the need for and purpose of the study
 - The alternatives evaluated
 - The environmental impacts of the study alternatives
 - Coordination with agencies and the public and opportunities to provide input

Study Considerations

- Existing and Future Traffic Operations
 - Roadway Concepts
 - Drainage
 - Structures
 - Geotechnical
 - Utilities
 - Railroad Operations
 - Right of Way
 - Costs
 - Constructability
 - Environmental Impacts
- 

Environmental Considerations

- Air Quality
 - Noise
 - Property Impacts
 - Visual Conditions
 - Cultural Resources
 - Hazardous Materials
 - Historic Properties
 - Environmental Justice
 - Land Use/Local Planning
 - Pedestrians and Bicycles
 - Recreation
- 

Initial Concepts

1. Elevate BNSF Railway
2. Lower BNSF Railway
3. Elevate Street(s)
 - a) Elevate 35th Ave
 - b) Elevate Grand Ave.
4. Lower Street(s)
 - a) Lower 35th Ave
 - b) Lower Grand Ave.

Existing intersection

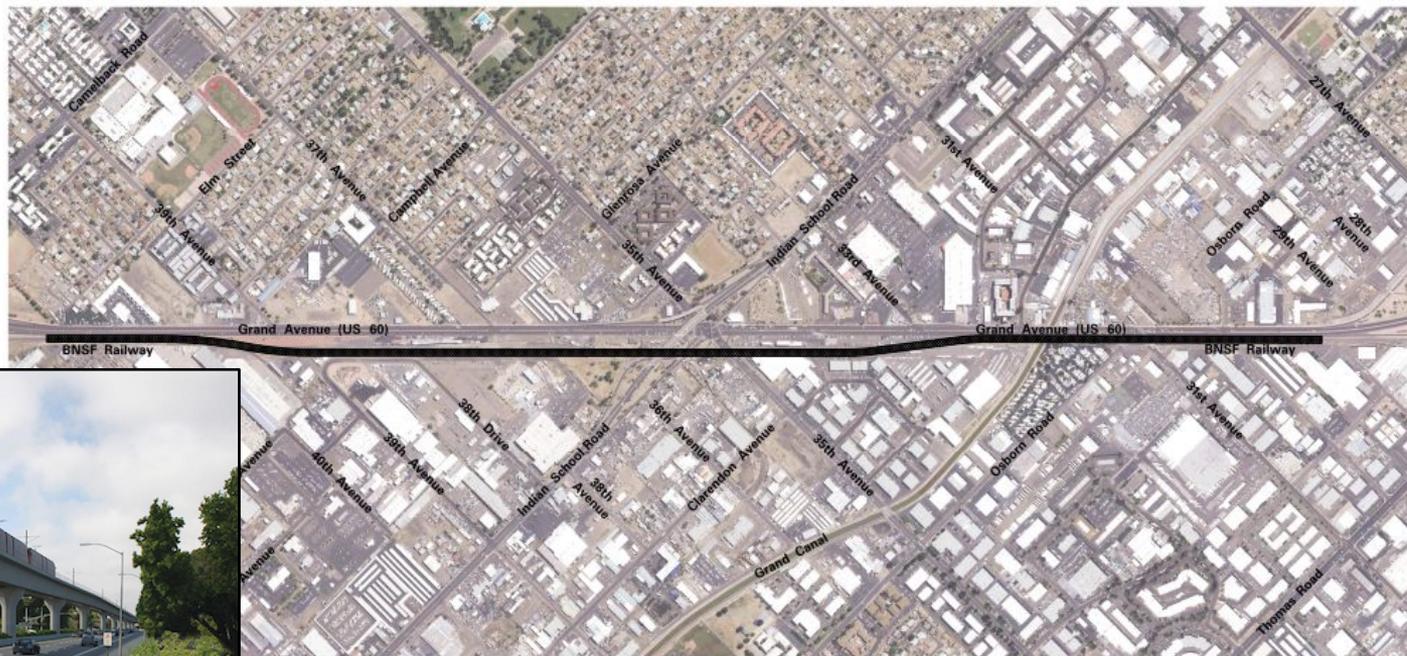
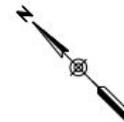


Concept Evaluation Criteria

- Ability to meet study goals:
 - Reduce traffic congestion
 - Enhance safety
 - Eliminate railroad crossings
 - Improve pedestrian, bike and transit facilities (multi-modal)
- Potential impacts

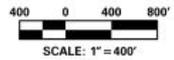


Concept 1 - Elevate BNSF Railway



Example in California

Legend
 ■ Limits of Railway Reconstruction



BNSF Railway Over
 35th Ave / Indian School Rd
AECOM

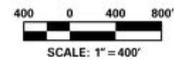
Concept 2 - Lower BNSF Railway



Example in California

Legend

■ Limits of Railway Reconstruction



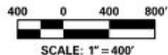
Concept 3A – Elevate 35th Avenue



Example of elevated 67th Avenue

Legend

■ Limits of Roadway Reconstruction



35th Avenue Over
Grand Ave / Indian School Rd

AECOM

Concept 3B – Elevate Grand Avenue



Example of elevated Grand Avenue at 43rd Avenue

Legend

- Limits of Roadway Reconstruction



Grand Avenue Over
35th Ave / Indian School Rd

Concept 4A – Lower 35th Avenue



Example of lowered Grand Avenue at 59th Avenue

Legend
■ Limits of Roadway Reconstruction



35th Avenue Under
Grand Ave / Indian School Rd

AECOM

Concept 4B – Lower Grand Avenue



Example of lowered Grand Avenue at 59th Avenue

Legend

- Limits of Railway Reconstruction



Grand Avenue Under
35th Ave / Indian School Rd

Summary of Evaluation:

- Lowering/raising Railway aligns with some study goals, but has little effect on traffic conditions and intersection safety.
- Lowering or raising Grand Avenue could align with some study goals, but does not eliminate any railroad crossings.
- Lowering or raising 35th Avenue could align with all study goals.
- All concepts would have varying degrees of potential impacts to the study area and the travelling public.

Anticipated Study Schedule

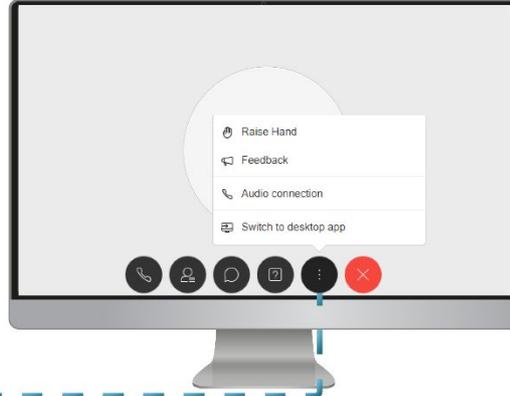


Raising Your Hand



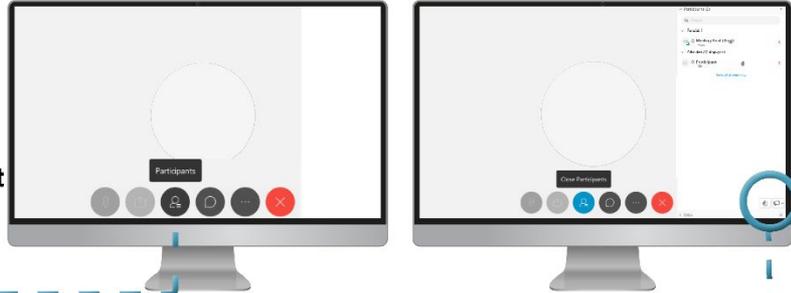
Internet Browser

1. Select  icon
2. Select  "Raise Hand"
3. Wait to be unmuted by host
4. Select "Lower Hand" after speaking



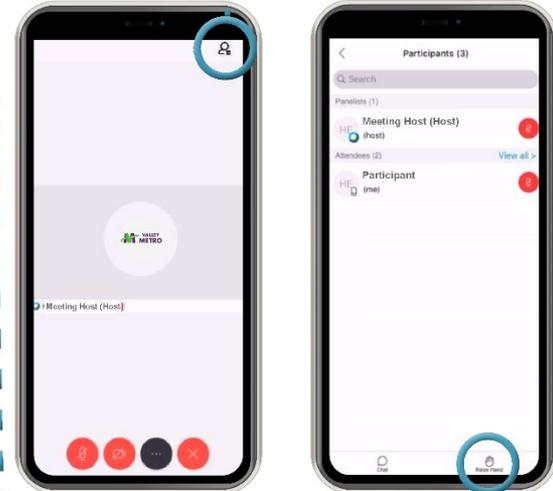
Webex Software

1. Select  icon
2. Select  icon
3. Wait to be unmuted by host
4. Select "Lower Hand" after speaking



Mobile App

1. Select  icon
2. Select  icon
3. Wait to be unmuted by host
4. Select "Lower Hand" after speaking

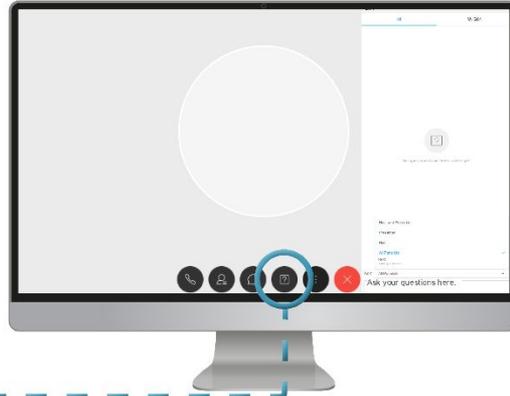


Asking A Question



Internet Browser

1. Select  icon
2. Type your question
3. Select recipient (Host, Panelists or both)
4. Click "Send"



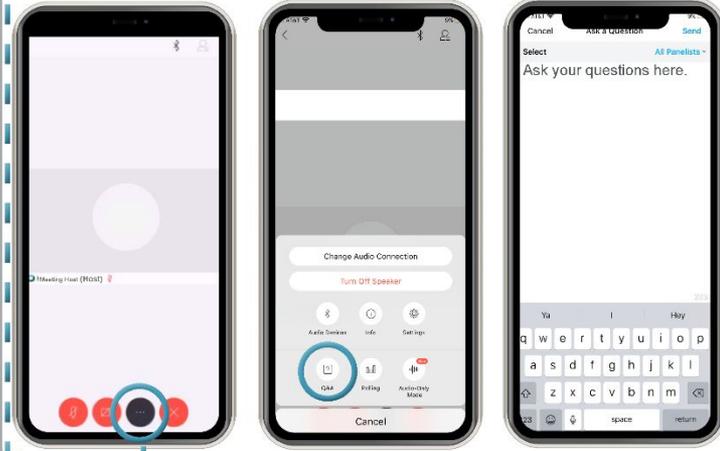
Webex Software

1. Select "v Q&A"
2. Type your question
3. Select recipient (Host, Panelists or both)
4. Click "Send"



Mobile App

1. Select  icon
2. Select  icon
3. Type your question in the box
4. Select recipients (Hosts, Panelists or both)
5. Click "Send"



How to Comment

Comment deadline is November 6, 2020

- Via the study web page at ADOTGrand35Study.com
- Participate in the public meetings (online and call-in options)
- Email: ADOTGrand35Study@hdrinc.com
- Call: 602.474.3952
- USPS Mail to: ADOT Grand 35 Study c/o HDR, Inc., 20 E. Thomas Rd., Suite 2500, Phoenix, AZ 85012

Federal Self Identification Survey

Please take a moment to complete our voluntary, confidential self-identification survey. Completing the survey helps ADOT determine who attends public meetings and is required for federal reporting

<https://azdot.gov/title6survey>

Questions & Answers

- Instructions for asking questions

Questions & Answers

- List of panelists