

Loop 303/US 60 (Grand Avenue) Traffic Interchange

Project Overview: Loop 303/US 60

- ▶ December 2014 - Summer 2016
- ▶ 3-lanes in each direction on Loop 303
- ▶ New on- and off-ramps to/from Loop 303 and US 60
- ▶ Widening the Loop 303 bridge at US 60
- ▶ Rubberized asphalt on Loop 303
- ▶ 2 new traffic signals on US 60
- ▶ US 60 widened to three lanes in each direction



Sound Walls between Mountain View Boulevard and US 60

- ▶ **West/southbound side of Loop 303
December 2014 to March 2015**
- ▶ **East/northbound side of Loop 303
January 2015 to June 2015**



Phase 1 Construction Schedule

December 2014-Summer 2015

▶ Ramps

- Southbound Loop 303 to US 60
- US 60 in both directions to southbound Loop 303 and traffic signal

▶ Bridge Work

- Construct a new Loop 303 north/west bridge adjacent to the existing one to accommodate future traffic volume

▶ Roadway Improvements

- US 60 in both directions repaved near Loop 303
- Loop 303 northbound south of the US 60

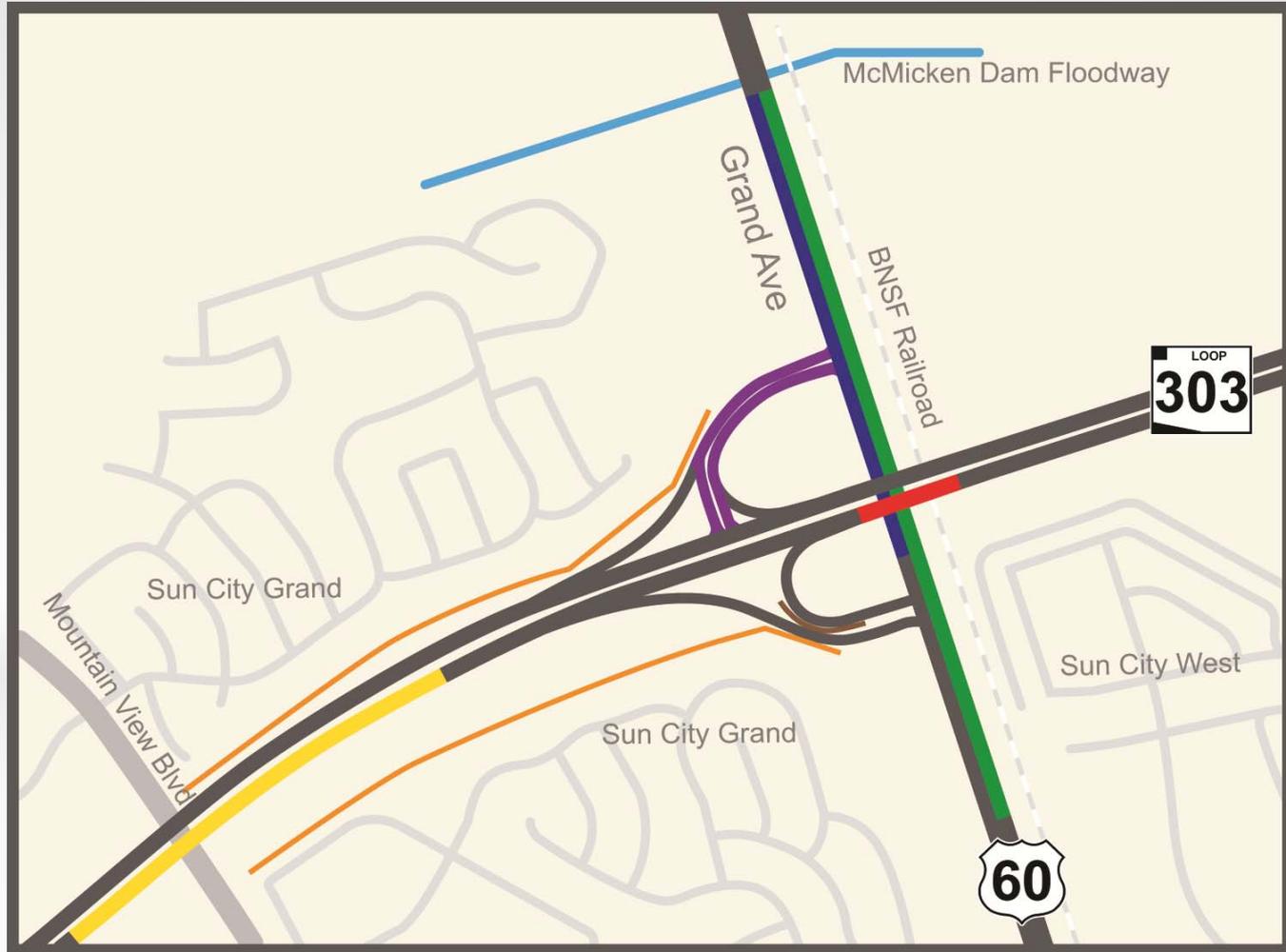
▶ Ongoing

- Sound Walls

▶ Traffic Impacts

- US 60 traffic in both directions switched to eastbound US 60
- Loop 303 traffic flow remains the same
- Two lanes in each direction on US 60

Phase 1



Phase 2 Construction Schedule

Summer 2015-Fall 2015

▶ Ramps

- Loop 303 northbound to US 60 in either direction
- US 60/Grand in either direction to northbound Loop 303

▶ Freeway Widening

- Constructing 2 additional lanes on Loop 303 in each direction near US 60 (3 lanes in each direction when complete)

▶ Roadway Improvements

- US 60 eastbound repaved near Loop 303

▶ Ongoing

- Sound Walls
- Loop 303 bridge work

▶ Traffic Impacts

- New US 60 ramps and traffic signal constructed during Phase I now used to access Loop 303

Phase 2

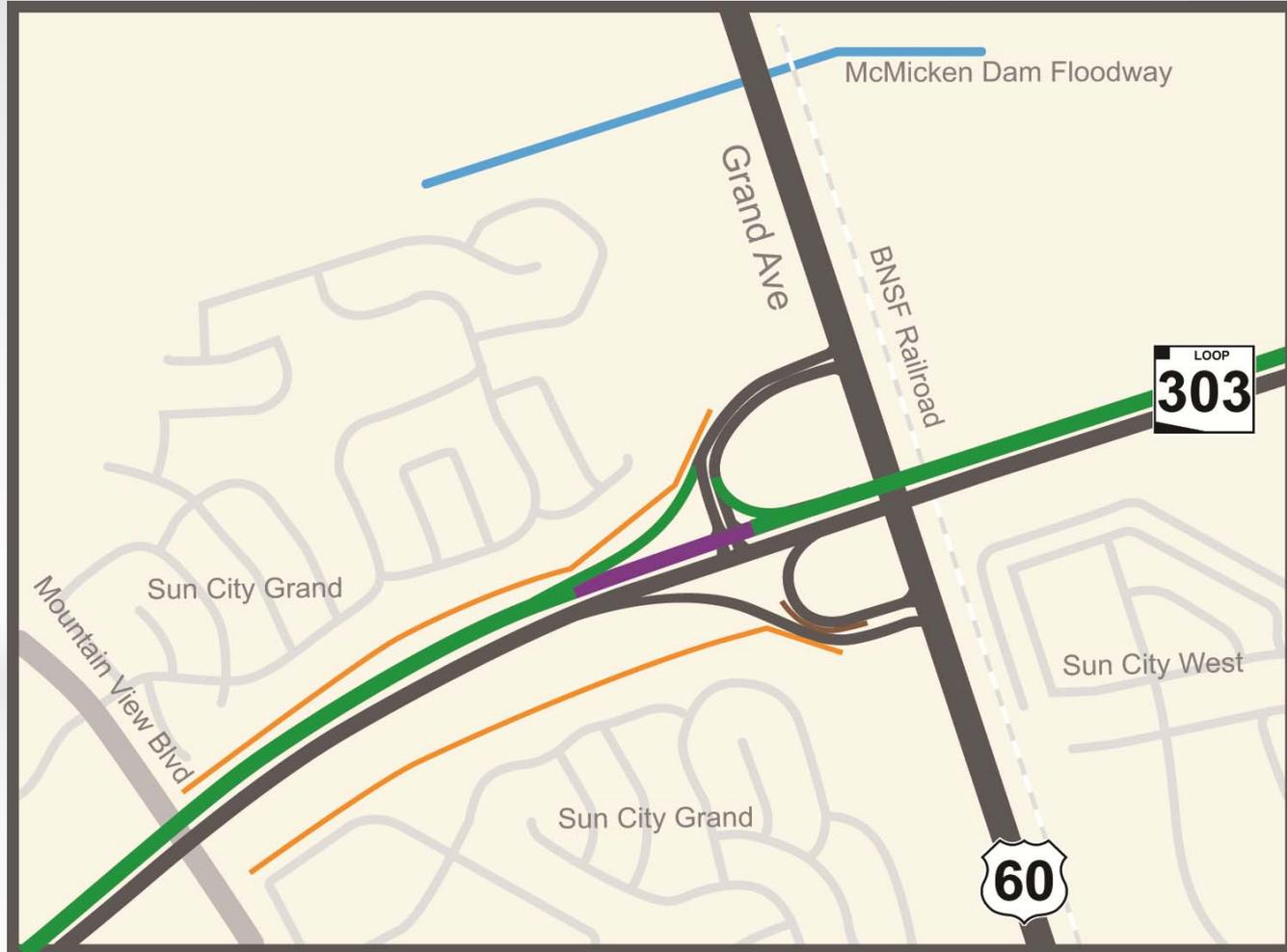


Phase 3 Construction Schedule

Fall 2015-Summer 2016

- ▶ **Freeway Widening**
 - Loop 303 south/west
- ▶ **Sun City Grand Bridge Work**
 - Mountain View Bridge painted and install pedestrian fencing
- ▶ **Traffic Impacts**
 - Lane restrictions on Loop 303

Phase 3



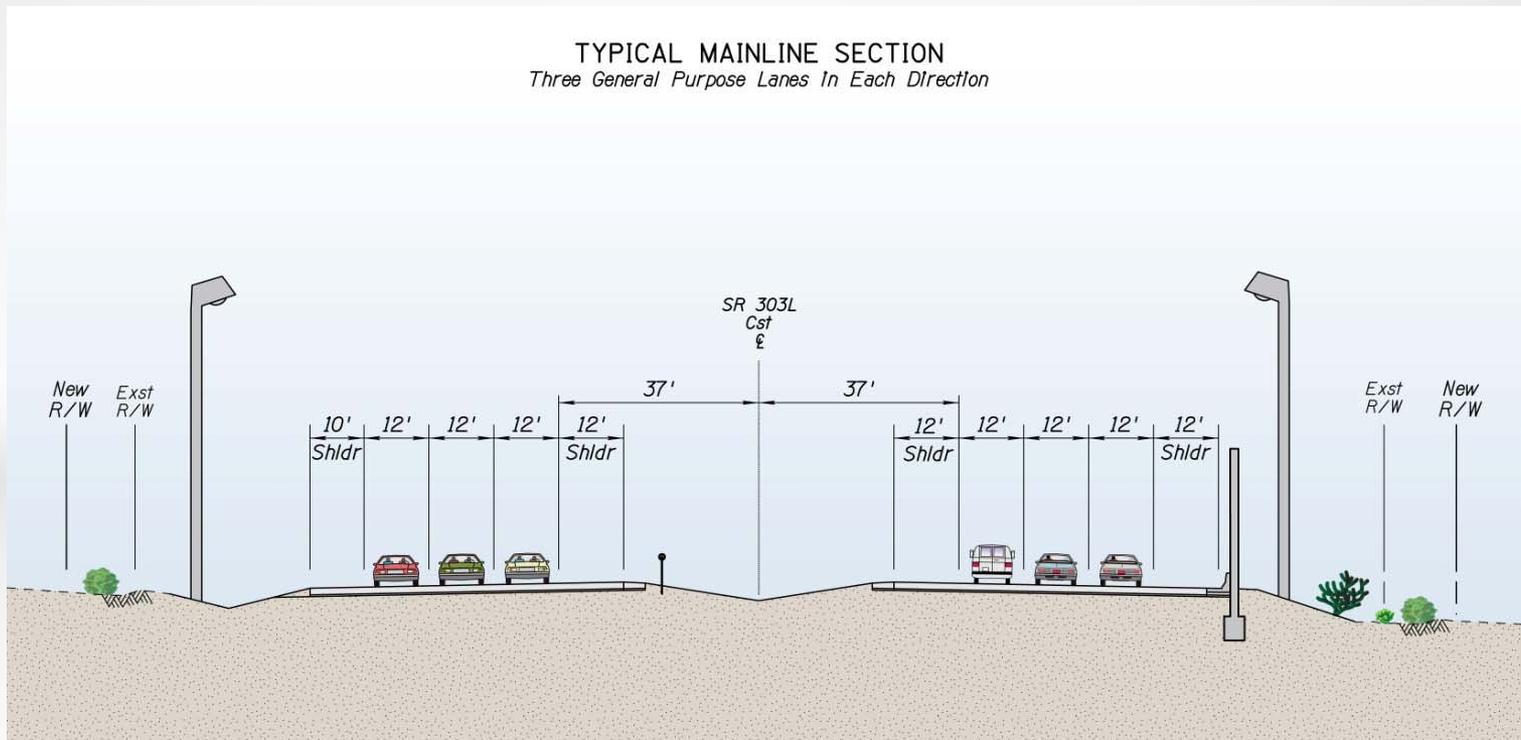
Summer 2016

- ▶ **Project Completed**



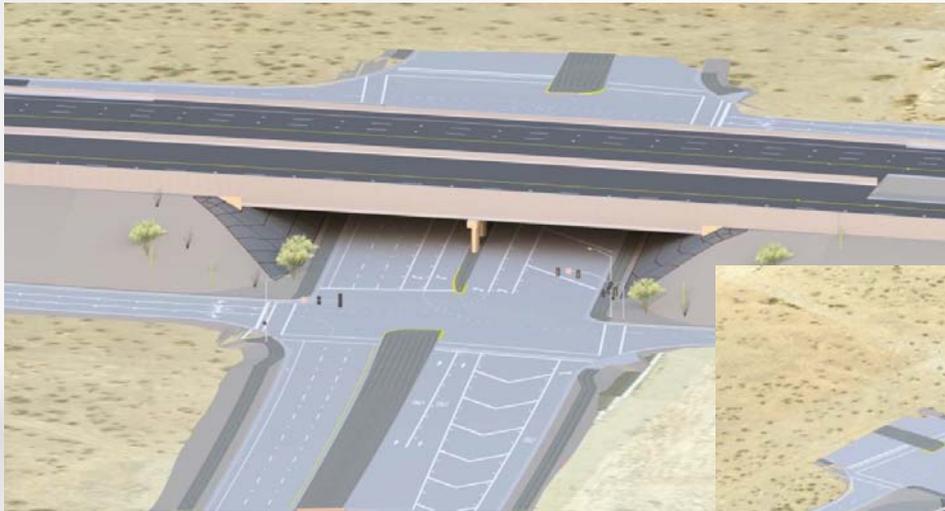
Other Loop 303 Projects

- ▶ **Loop 303: Happy Valley Parkway to US 60**
 - Complete in summer 2015



Other Loop 303 Projects

- ▶ **Loop 303/El Mirage Road Traffic Interchange**
 - Construction will start in early 2015 and is anticipated to be complete in summer 2016



Stay updated!

- ▶ Sign up for updates at azdot.gov
- ▶ Project website: azdot.gov/Loop303
- ▶ Email: Projects@azdot.gov
- ▶ Project hotline: 1.855.712.8530

Question and Answer

- ▶ **Please use a microphone**
- ▶ **Members of the project team will remain after the meeting to answer questions and comments one-on-one**

US 60 (Grand Avenue) and Bell Road Traffic Interchange

Project Area



- Grand Avenue is part of the National Highway System and is a **critical transportation corridor** for the northwest valley
- Bell Road is a “Route of Regional Significance”

Project Need

- **The existing Grand Avenue/Bell Road intersection experiences congestion during both the A.M. and P.M. peak hours**
- **Traffic volumes will increase in the future resulting in increased congestion**
- **The at-grade rail crossing of Bell Road becomes impassable during train activity, resulting in additional travel delays for commuters and emergency vehicles**
- **Potential for train and vehicle collisions increases with at-grade rail crossings**

Project Purpose

- **Improve traffic operational conditions to reduce congestion and improve travel times**
- **Grade-separate Bell Road and BNSF Railway tracks**

Design-Build

- **Alternative project delivery method**
- **ADOT procures both a designer and a contractor to work as a team**
- **Potential cost reductions due to innovative designs and reduced construction duration**

Schedule*



Next Steps



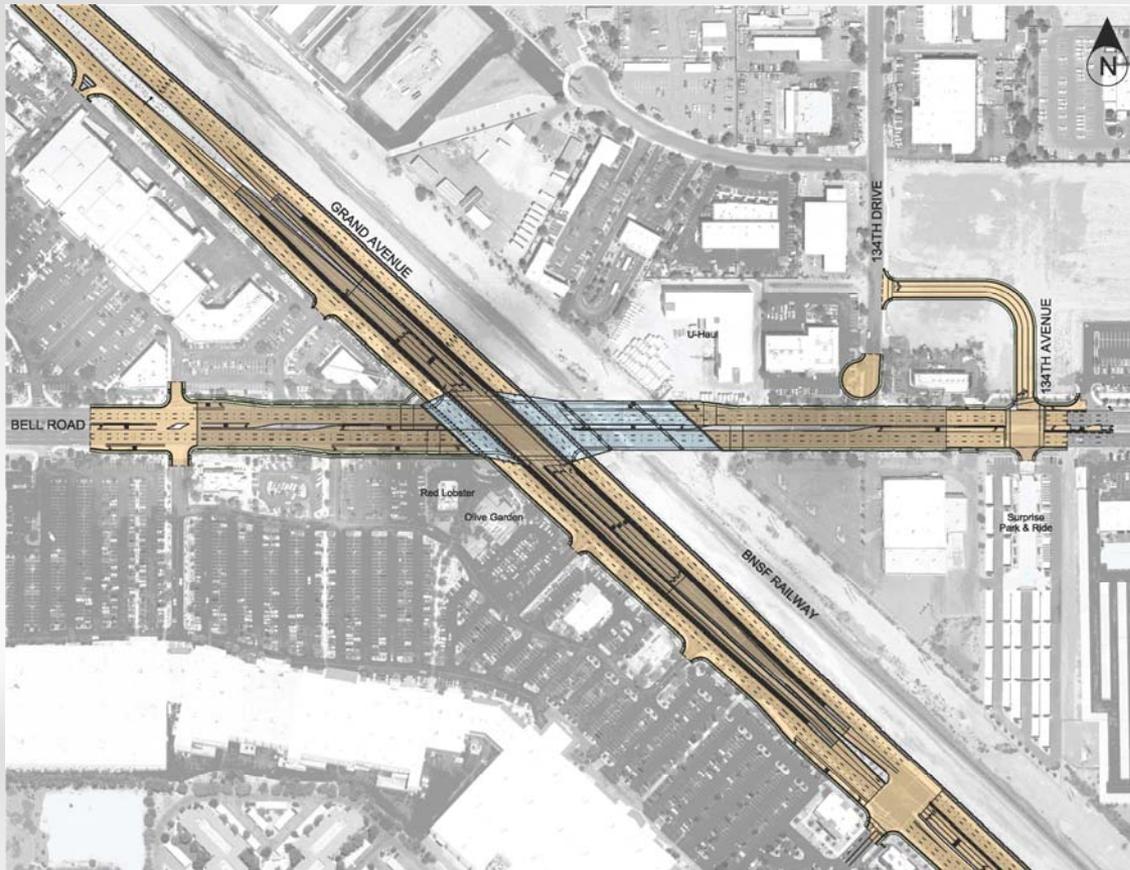
**Schedule is subject to change*

Recommended Alternative

- Median Urban Design

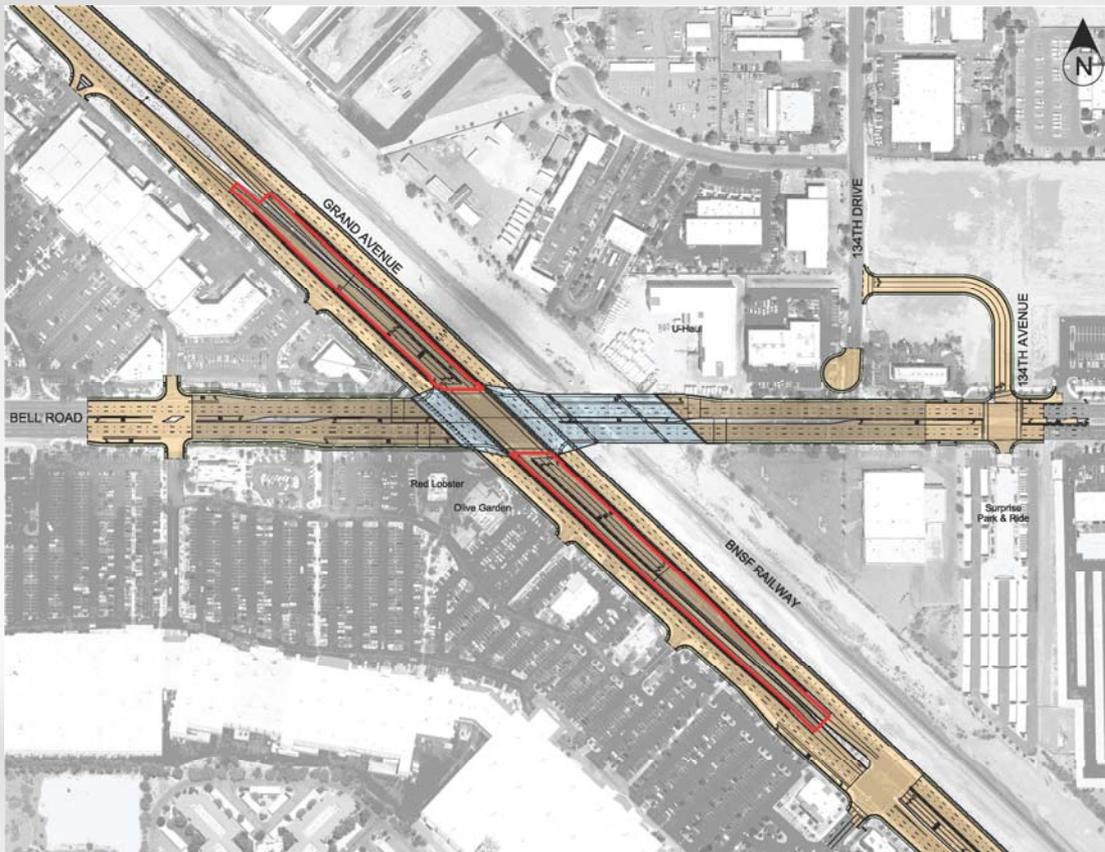


Overview – Bell Road



- Elevate Bell Road over Grand Avenue and the railroad tracks
- New Cul-De-Sac on 134th Drive
- New street connection between 134th Drive and 134th Avenue

Overview – Ramps



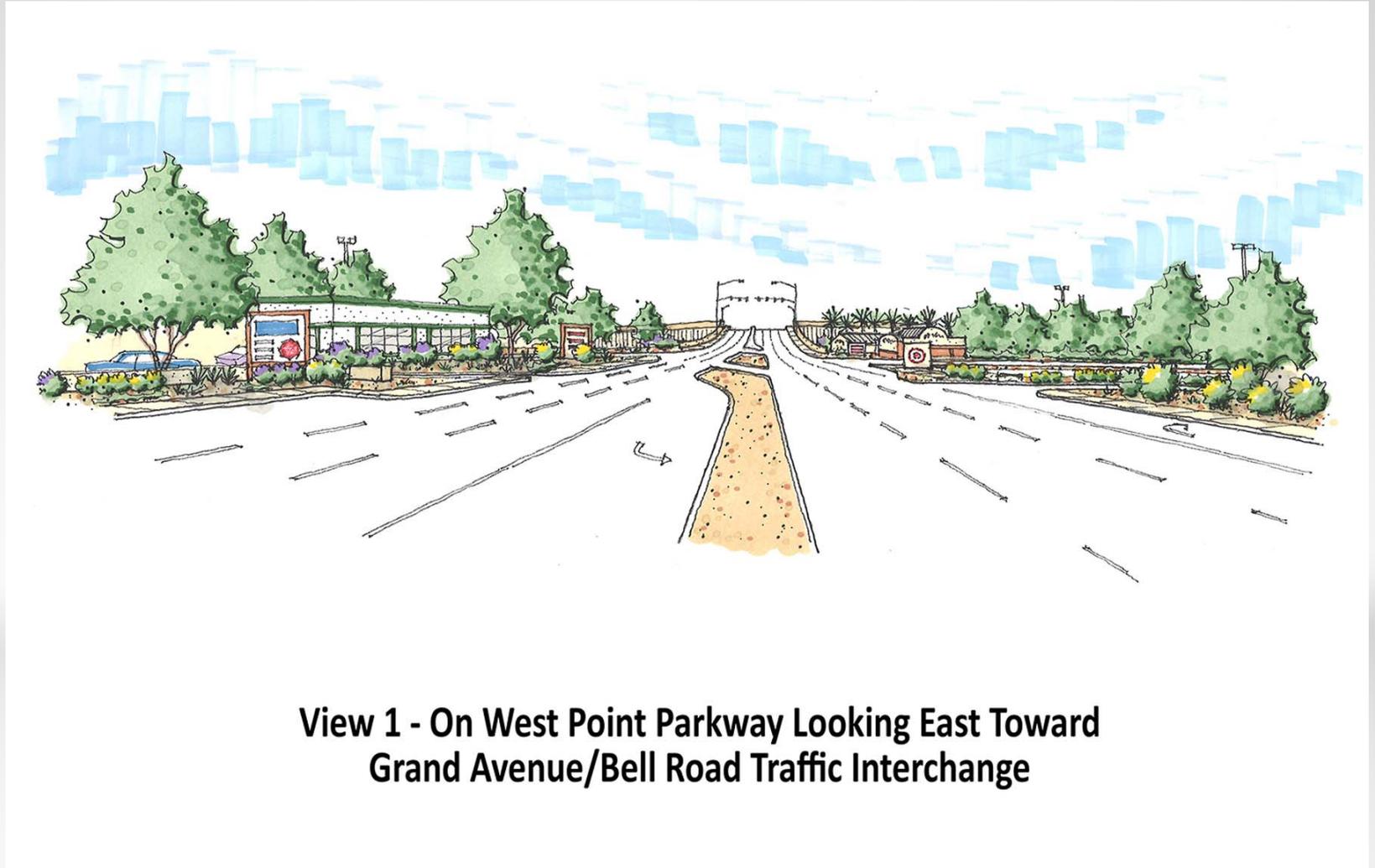
- Construct ramps within the Grand Avenue median
- Ramps rise up to meet Bell Road

Overview – Traffic Signals



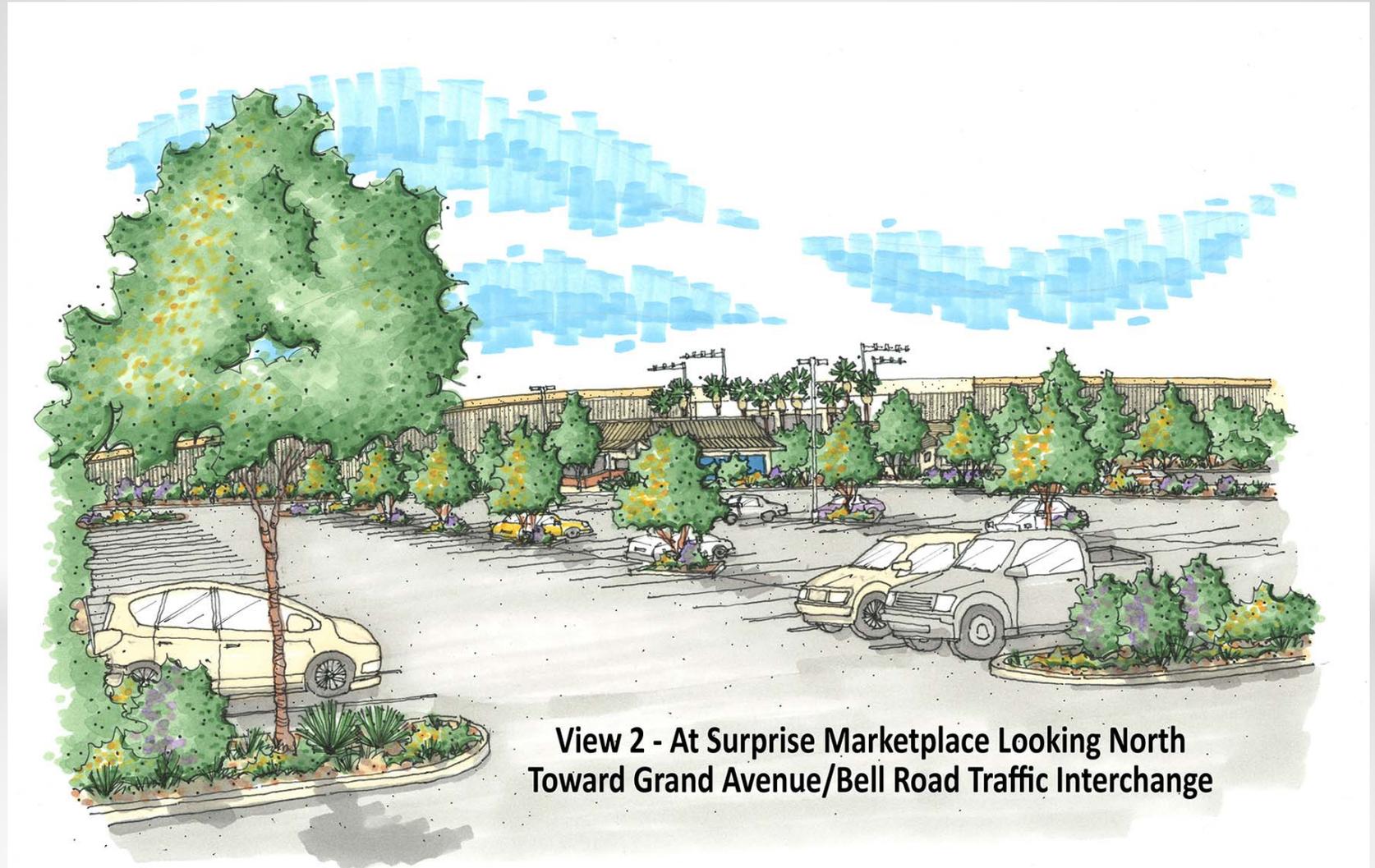
- New traffic signal at Bell Road/ Grand Avenue
- Relocate traffic signal from 134th Drive to 134th Avenue
- Modify traffic signals Town Center Drive and Bell Grand Drive

Median Urban Design



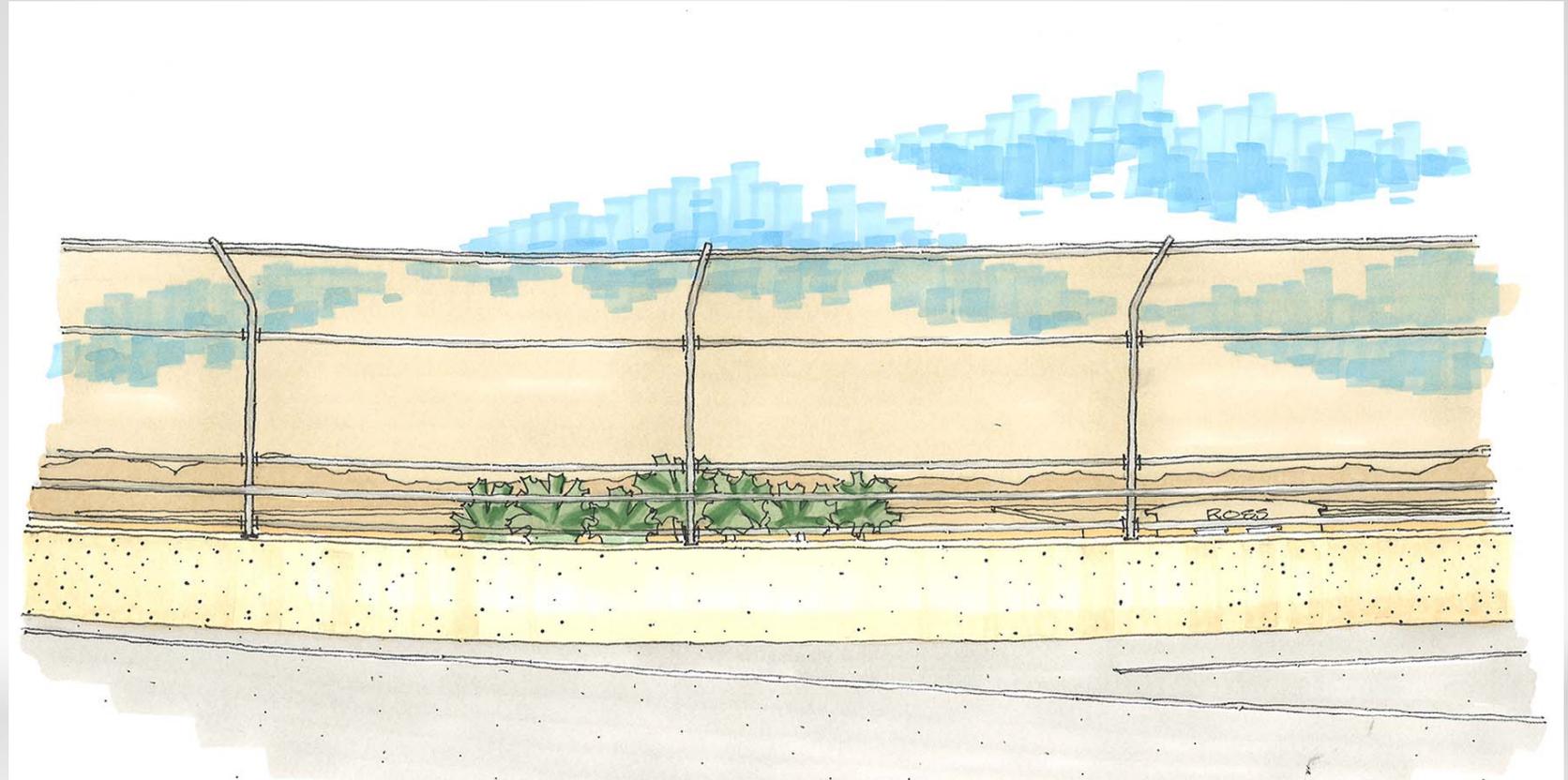
**View 1 - On West Point Parkway Looking East Toward
Grand Avenue/Bell Road Traffic Interchange**

Median Urban Design



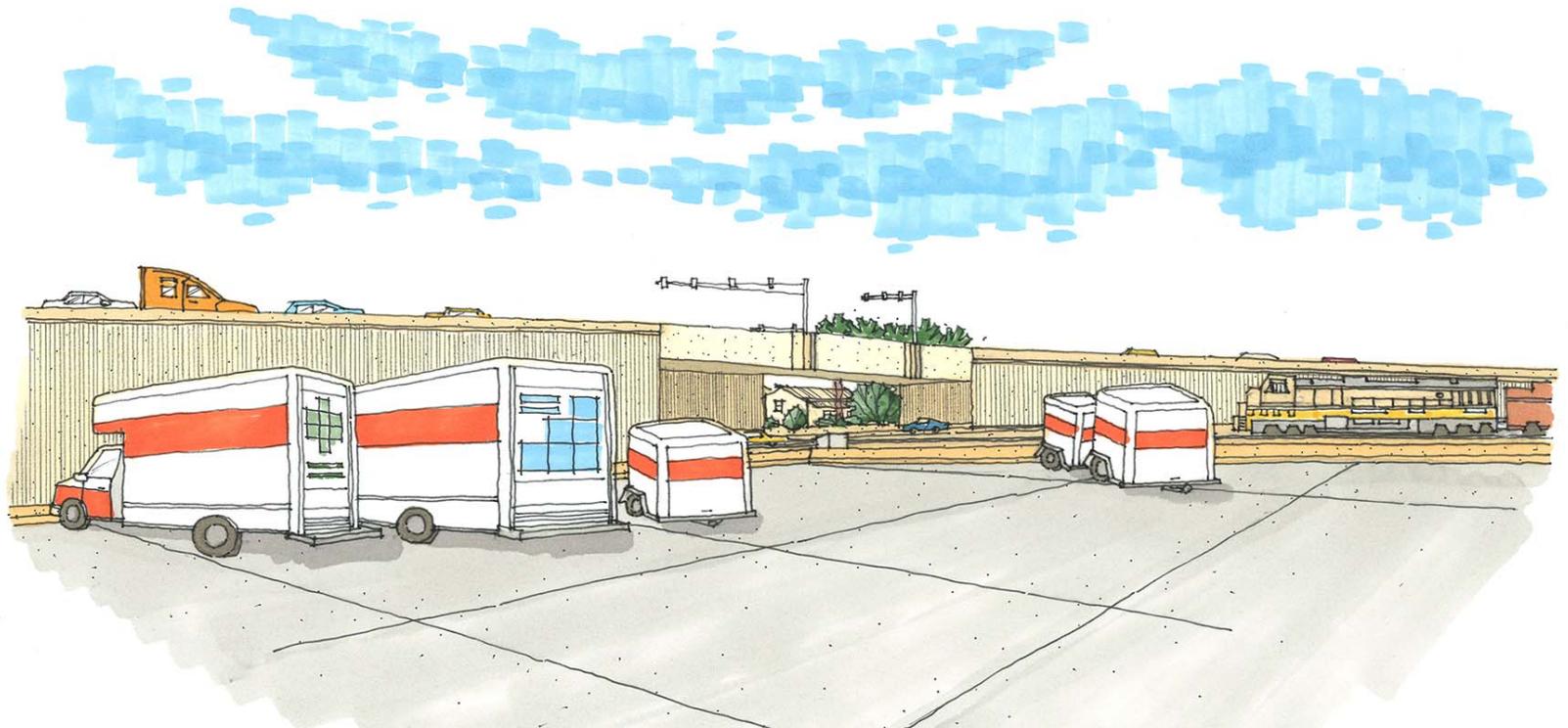
**View 2 - At Surprise Marketplace Looking North
Toward Grand Avenue/Bell Road Traffic Interchange**

Median Urban Design



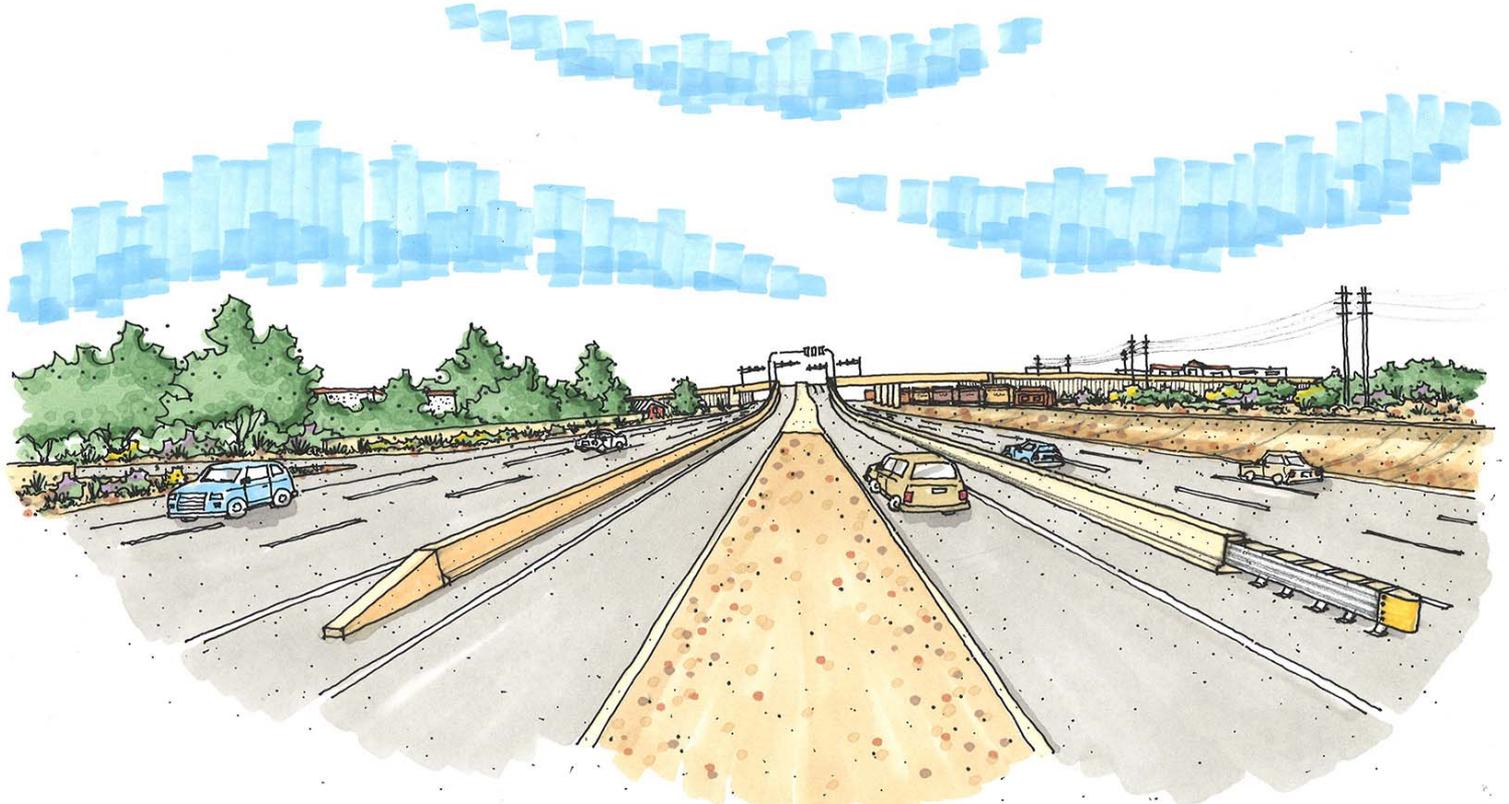
**View 3 - On Grand Avenue/Bell Road Traffic Interchange Bridge
Looking Southwest Toward Surprise Marketplace**

Median Urban Design



**View 4 - On U-Haul Property Looking Southwest Toward
Grand Avenue/Bell Road Traffic Interchange**

Median Urban Design



View 5 - On Grand Avenue West of Bell Grande Drive Looking Northwest Toward Grand Avenue/Bell Road Traffic Interchange

Anticipated Construction Timeline

- **ADOT will advertise mid-February for proposals from potential design-build teams**
- **Construction will begin in late 2015**
- **Goal to finish construction in the summer of 2017**

Stay updated!

- ▶ Sign up for updates at azdot.gov
- ▶ Project website:
azdot.gov/BellandGrand
- ▶ Email: Projects@azdot.gov
- ▶ Project hotline: 1.855.712.8530

Thank you!

- **Open House will continue until 11 a.m.**
- **Project team will be available for more detailed questions**

Questions?

- ▶ Please use a microphone
- ▶ Members of the project team will remain after the meeting to answer questions and comments one-on-one