

Public Meeting | November 14, 2018



Chandler Heights Road Improvements

CITY PROJECT NO. ST1804.401
FEDERAL PROJECT NO. CHN0224D
ADOT PROJECT NO. T020301C

Gilbert Road to Val Vista Drive

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CHANDLER HEIGHTS ROAD from GILBERT ROAD TO VAL VISTA DRIVE

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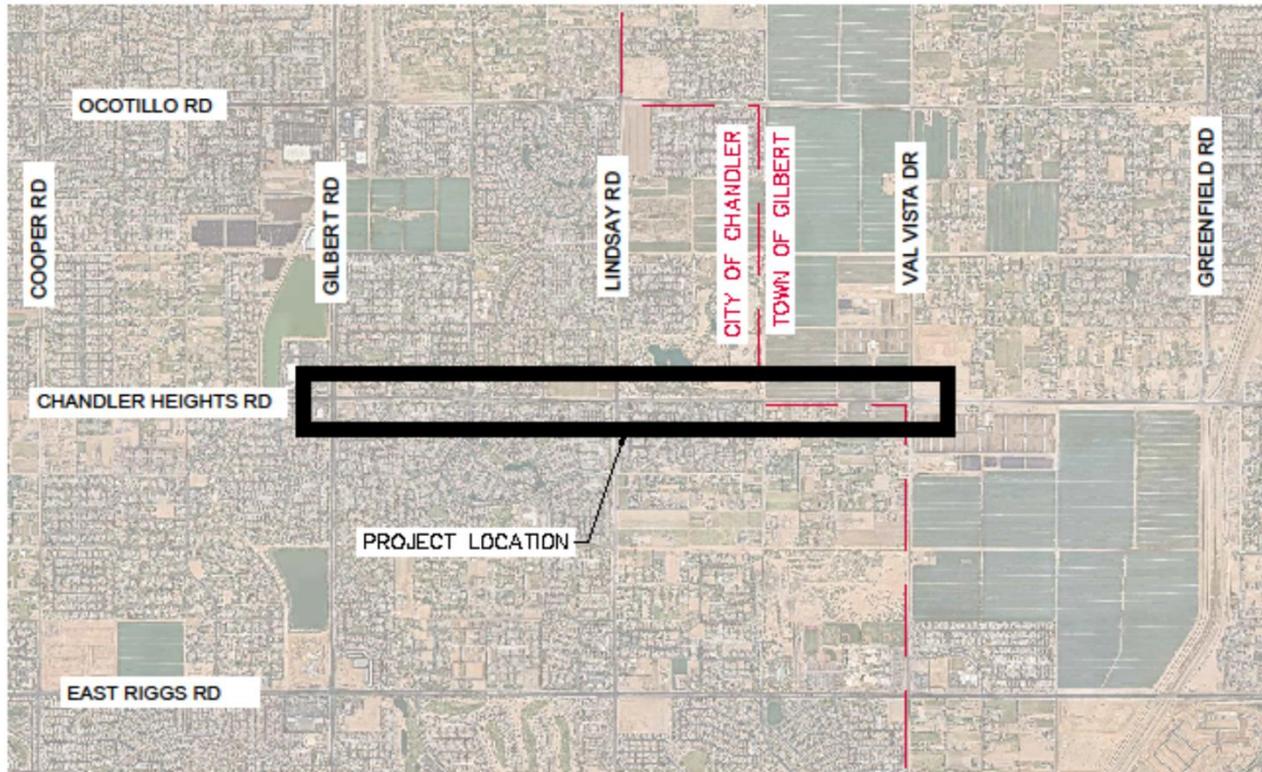


Agenda

- **Welcome and Opening Comments**
- **Project Team Introductions**
- **Project Overview**
- **Project Communications**
- **Next Steps**
- **Open House**



Project Limits



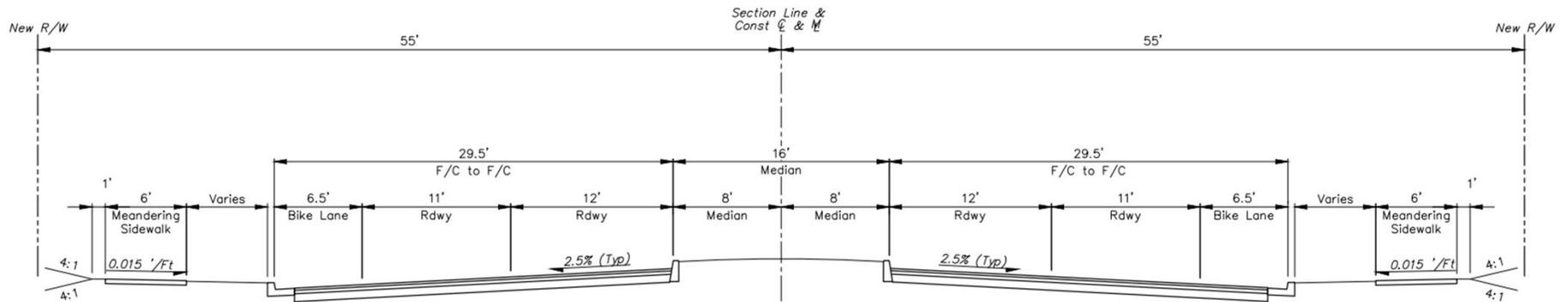


Proposed Improvements

- Four vehicular travel lanes (two lanes in each direction)
- On street bike lanes
- Raised medians
- Curb and gutter
- Sidewalk
- ADA (Americans with Disabilities Act) ramp upgrades
- Drainage improvements
- Traffic signal upgrades at Lindsay Road and Chandler Heights Road
- Landscaping
- Striping and signing improvements
- Pavement improvements
- Street lighting improvements
- Right-of-way and easement acquisition
- RWCD improvements & SRP 12kV Overhead Power Underground Conversion



Proposed Typical Section



Proposed Conditions – Typical Section



Project Overview

- **Existing Conditions from Gilbert Road to White Place**
 - Roadway is built to ultimate width
- **Existing Conditions from White Place to Lindsay Road**
 - North side of road is not improved
 - South side of road is built to ultimate width
- **Existing Conditions from Lindsay Rd to 148th Street**
 - Roadway is built to ultimate width, median improvements to be added
- **Existing Conditions from 148th Street to Val Vista Drive**
 - Roadway is one lane in each direction, not improved



Project Funding

- **Project is utilizing Federal funding for construction**
- **Project must comply with FHWA and ADOT guidelines**
 - Right-of-way discussions after environmental clearance



Next Steps

- **City Transportation Commission**
 - Spring 2019
- **City Council Meeting**
 - Spring 2019
- **Environmental Investigation Underway**
 - Clearance - May 2019
- **Right-of-Way Acquisition Process:**
 - Starts May 2019 (after environmental clearance)
- **Construction Begins**
 - Fall 2023 (if additional grant funds are approved, Summer 2020)



New Right of Way

- **All new right-of-way and easements will be purchased**
- **City right-of-way acquisition process**
 - Title reports, legal descriptions and appraisals are completed
 - Offers are presented and discussed with owners



Traffic Projections for Roadway Design

- Design for 20 years in the future
- Roadway to be open in 2024 (if additional grant funds are approved, 2021) – use 2040 projections
- Consistent w/ City Transportation Master Plan (see City Website)



2040 Traffic Projection Considerations

- Existing traffic counts
- 2040 predicted population
- 2040 predicted employment



Projected Volumes

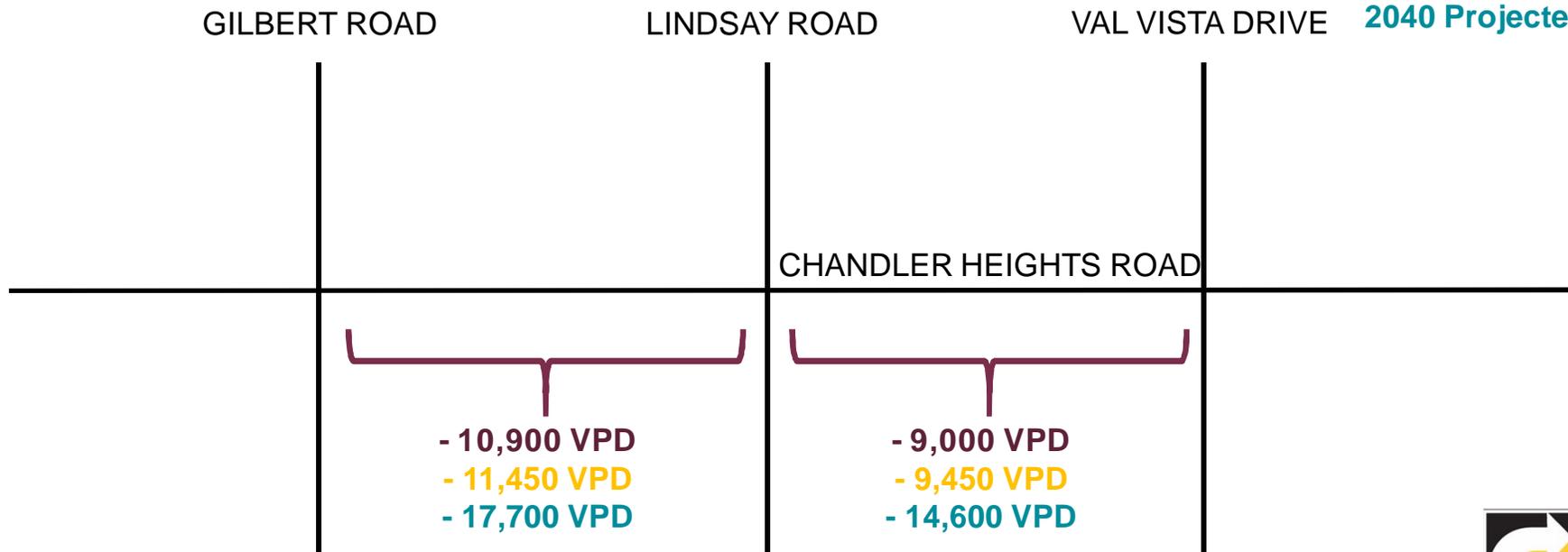
Chandler Planning Level Capacity Level of Service D

- **Level of Service D: limit of acceptable operation (delay-based)**
- **2-lane capacity: 12,200 – 15,300 vehicles/day**
- **This is the maximum volume that can be safely and efficiently accommodated**
- **4-lane roadway is needed when the 2-lane capacity is exceeded**



Projected Volumes

2017 Counts, City
2018 Adjusted Counts, TRA
2040 Projected Volume





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Thank you for coming!
Any questions?