



# City of Glendale – Transportation Update

Presentation to ASCE

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City Traffic Engineer  
04/22/2026

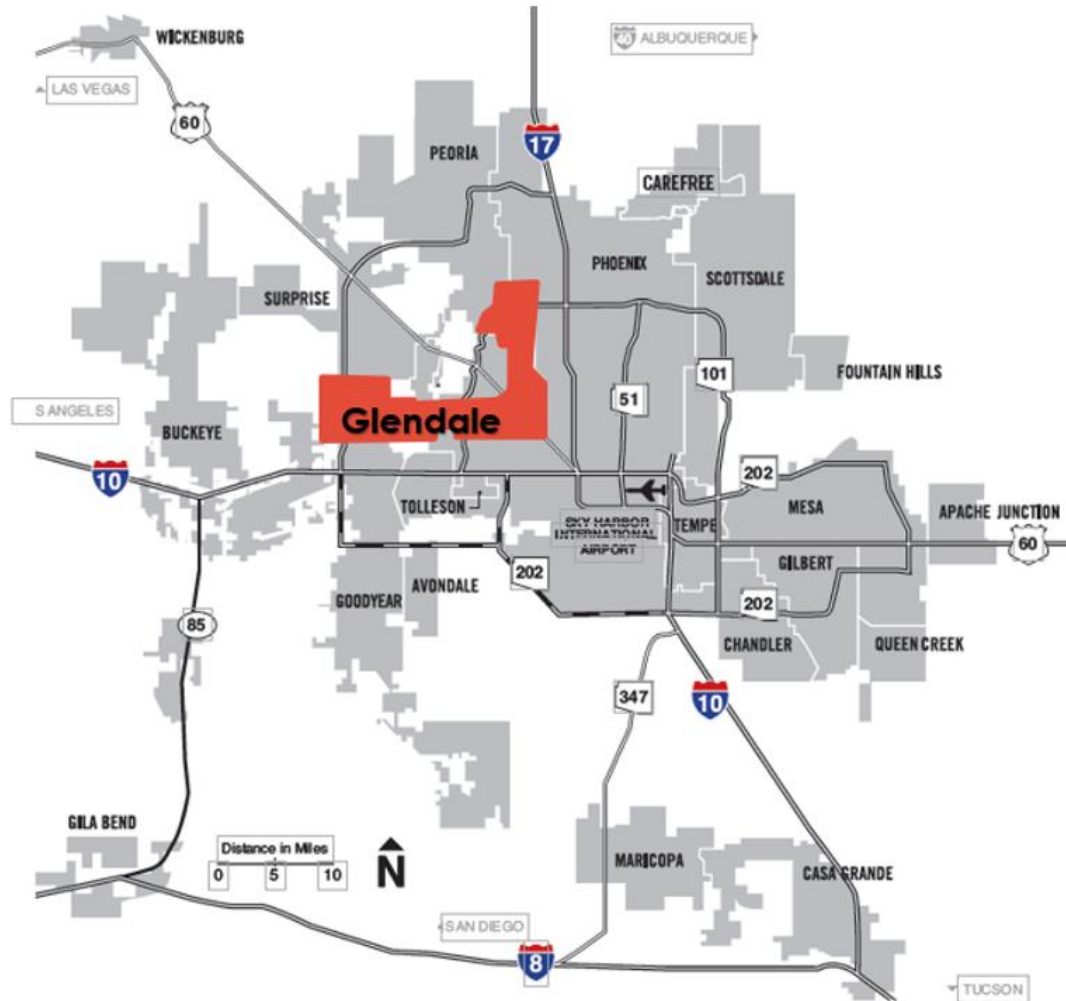




# Overview

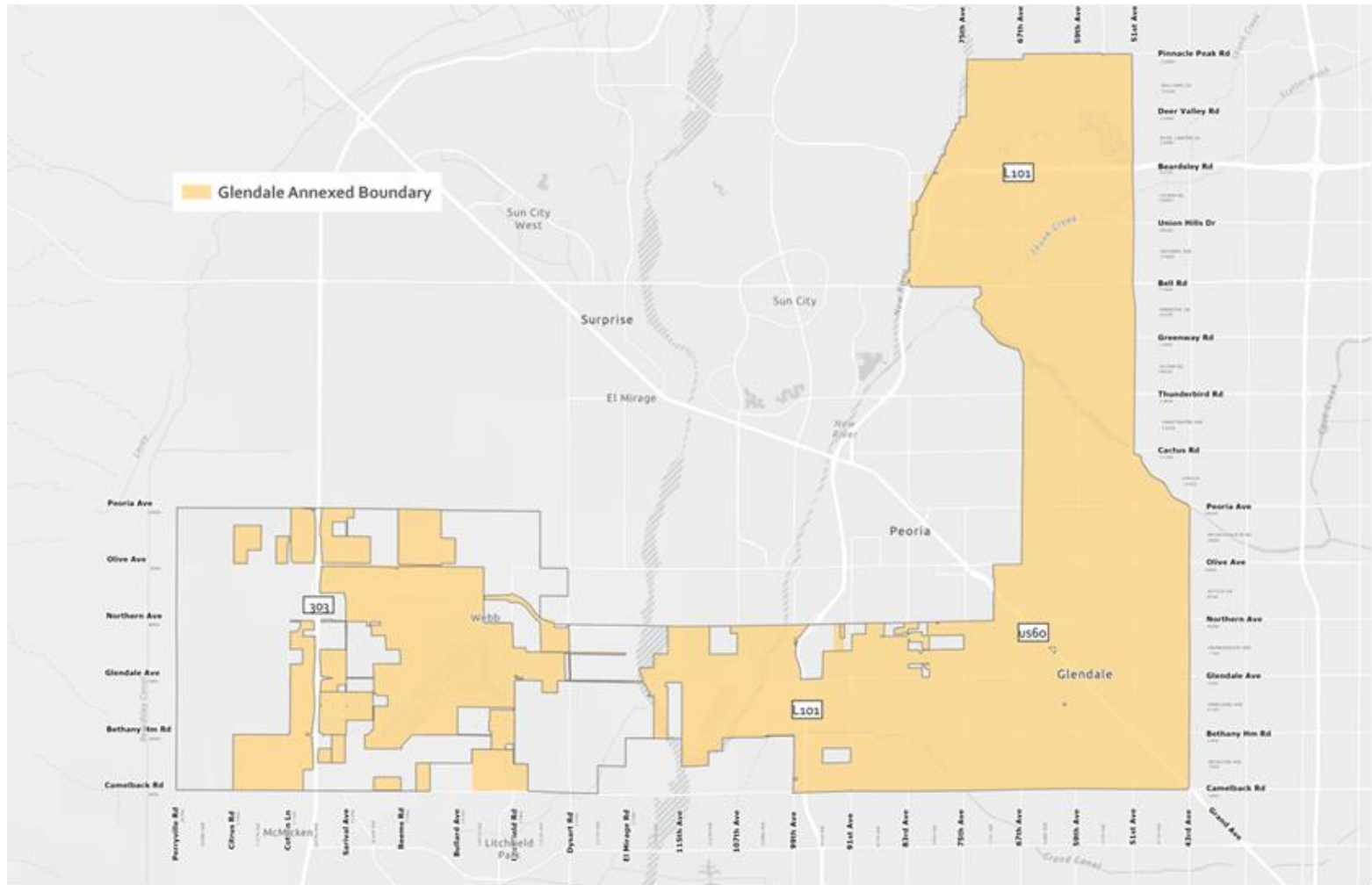


# Overview



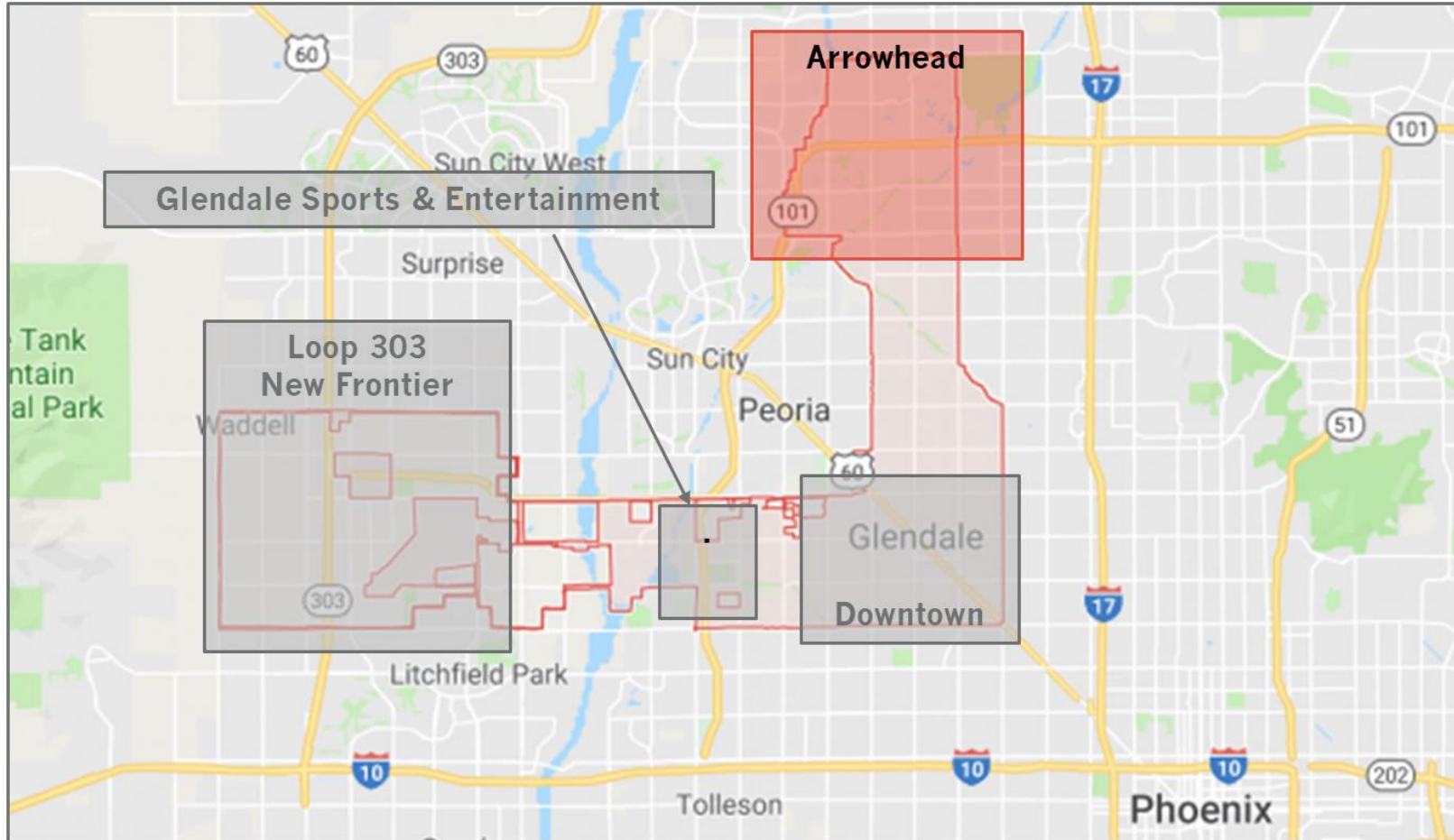


# Glendale – Boundary Map





# Glendale by Areas





# About Glendale

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- **Incorporated:** 1910
- **Total Square Miles:** 67.1
- **Population:** 262,745 (2026)
- **Center Line Lane Mile:** 794 Miles
  - 127 Miles of arterials
  - 91 miles of collector roadways
  - 556 miles of local residential roadways
  - 20 miles of Alleyways



# About Glendale



**West Glendale - 2000**



# About Glendale



**Westgate – 2025  
Sports &  
Entertainment District**

# About Glendale



## **DEMOGRAPHICS**

Population<sup>1</sup>

**260,878**

Median Age

**34**

Female Population

**50.1%**

Male Population

**49.9%**

Households with Children

**33,382**

## **INCOME**

Estimated Median Household Income

**\$75,321**



## **HOUSING**

Total Housing Units

**98,425**

Median  
Home Value

**\$412,812**

Median  
Gross Rent

**\$1,528**



# Developments





# Development Update

- Westgate Area: VAI (1,100 rooms), plus three other hotels under construction (~250 rooms)
- Currently have 1,900 hotel rooms in Glendale with plans to reach nearly 5,000 in the next three years.





# Development Update

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- Adding to the lure of Westgate; Tohono O'odham's 19-story hotel tower adjacent to our entertainment district- 450 room planned
- Porsche at Arrowhead; last of this brand of new dealerships in the US



# Development Update

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- Downtown revival –
  - Downtown Campus Reinvestment Project (DCRP) brings back 300+ employees (planned for April of this year) - \$90 M project
  - New restaurants, including Cornish Pasty





# Development Update

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- Residential growth; steady decline over the past two years.
  - Most of the large tracts zoned for residential are being built out.



# Development Update

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- Arrowhead Town Center
  - Development taking over the former Sears anchor space will feature “Mosaic” an Asian food court concept with 17 different offerings, several of them first in the country.



# Industrial Development

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- Over 30M sq ft developed in five years with 3.5M sq ft planned for 2026 (most of that occurred in west Glendale)
- Brooklyn Bedding, already 600K SF is adding 200K SF to expand production



# Industrial Development

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- Rheem, water heater manufacturer just opened
- Scotts Miracle Grow, just bought an existing 734K SF building
- VanTrust just broke ground on 1.2million SF spec industrial building VT303



# Large Roadway Projects





# Pavement Management

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- To maintain our economic vitality and quality of life, the city has invested into our pavement management program
- The City has ongoing and planned arterial reconstruction project as well as local street roadway network pavement management project
  - \$25M to \$32M spent on Pavement management yearly



# Projects

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- Loop 101: I-17 to 75<sup>th</sup> Avenue (ADOT)
  - Widening of the mainline (Underway)
- 75<sup>th</sup> Avenue – Loop 101 to Deer Valley
- 67<sup>th</sup> Avenue – Loop 101 to Deer Valley
- 67<sup>th</sup> Avenue – Deer Valley to Pinnacle Peak
- Glendale Avenue – Dysart Road to Litchfield Road
- Litchfield Road – Northern Ave to Missouri



# Projects

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- 83<sup>rd</sup> Avenue – Glendale Avenue to Northern Avenue
- 75<sup>th</sup> Avenue – Glendale Avenue to Northern Avenue
- 59<sup>th</sup> Avenue – Glendale Avenue to Olive Avenue
- Coming soon
  - 59<sup>th</sup> Avenue T.I. (Design is yet to initiated)
  - 67<sup>th</sup> Avenue TI (Design is yet to initiated)



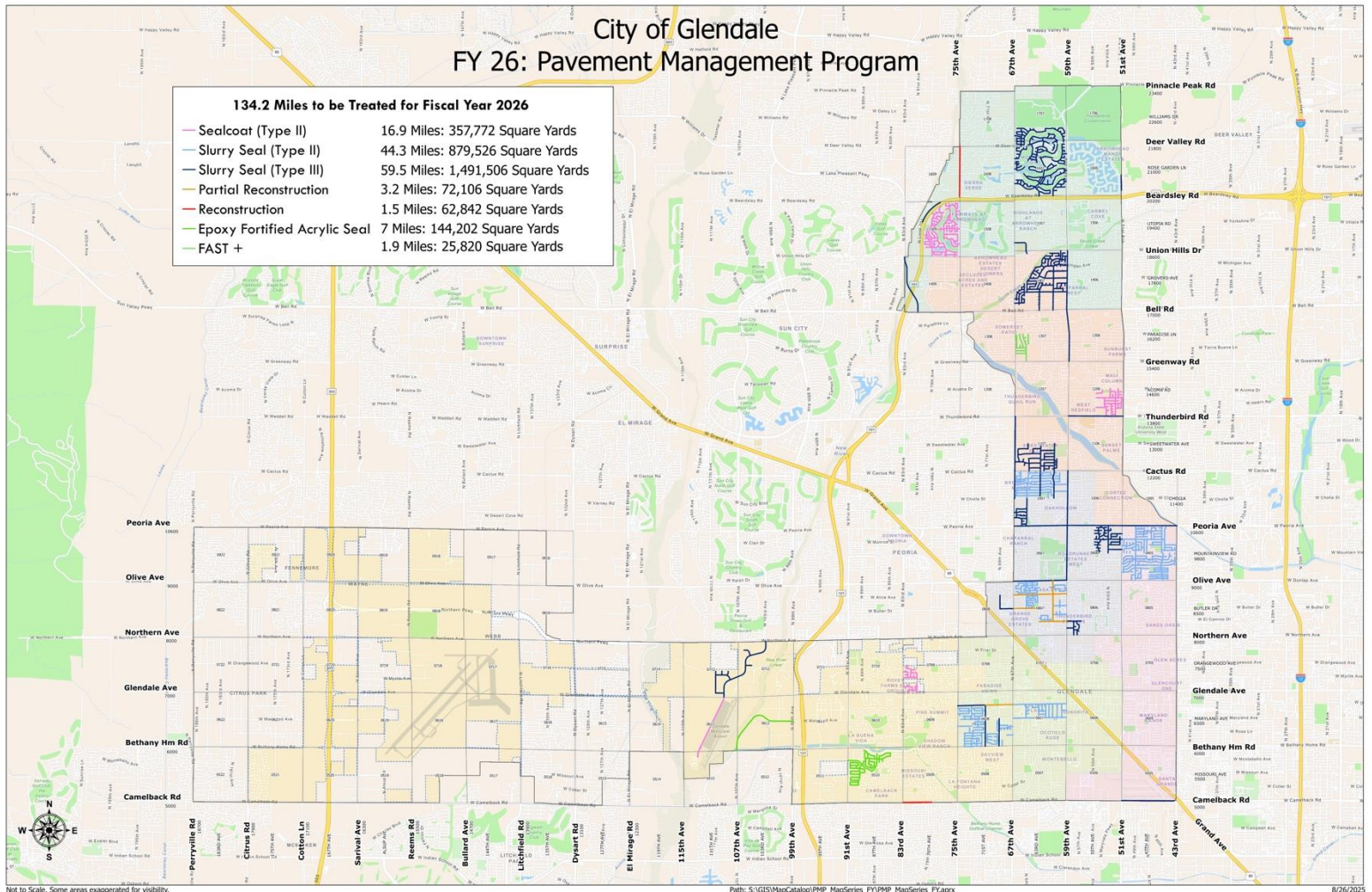
# Pavement Management Program

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- 794 (Includes 20 miles of alleyways)
- Over 700 miles treated since 2020
- 86 miles to be treated in FY27



# Pavement Management Program



Not to Scale. Some areas exaggerated for visibility.

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8/26/2025



# Traffic Safety



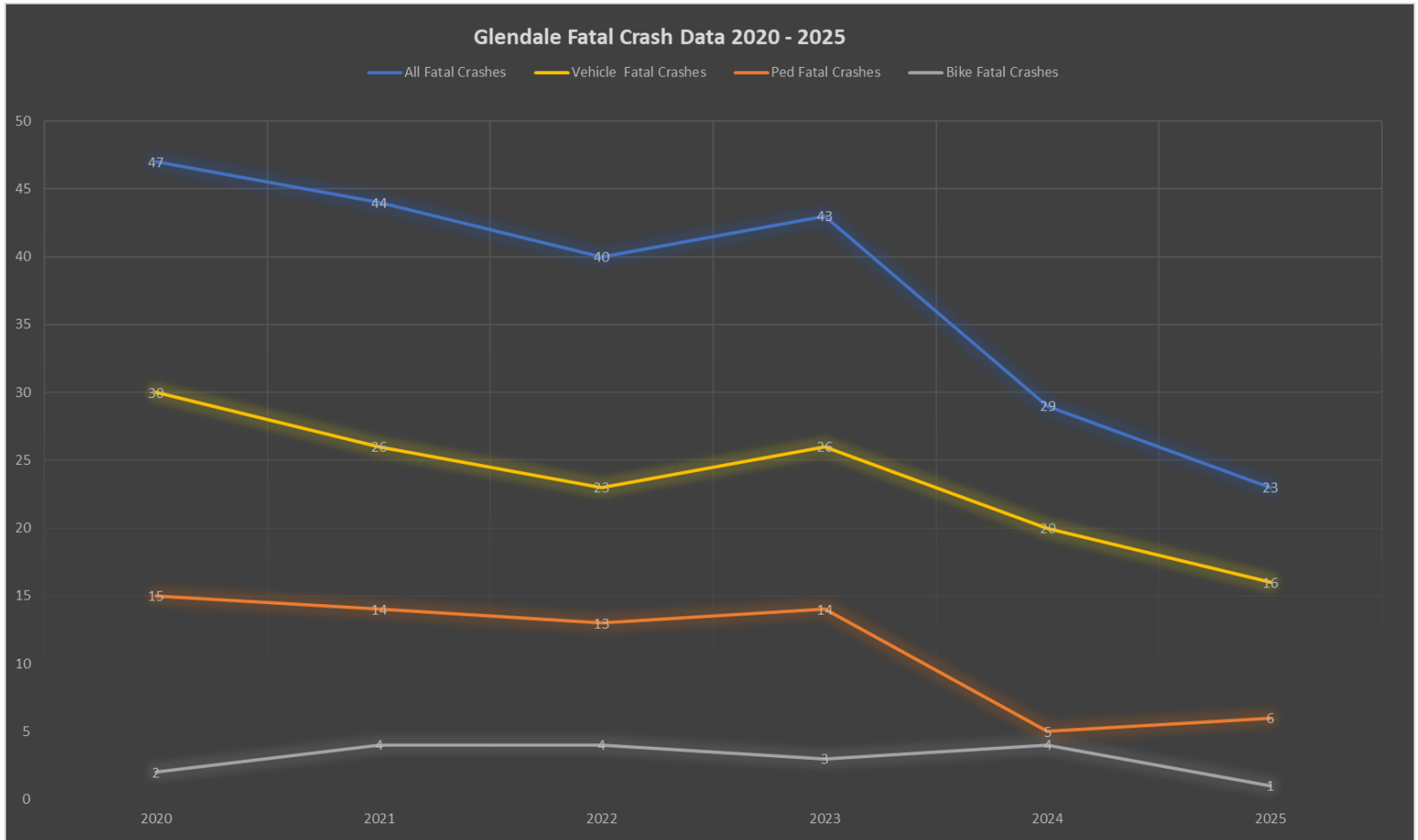


# Crash Information

Total Fatal crashes (all modes) by Year					Current Fatal crashes in
2020	2021	2022	2023	2024	2025
47	44	40	43	29	23
	-6.38%	-9.09%	7.50%	-27.50%	-46.51%
Total Pedestrian Fatal Crashes by Year					Current Ped fatality in
2020	2021	2022	2023	2024	2025
15	14	13	14	5	6
	-6.67%	-7.14%	7.69%	-64.29%	20.00%
Total Bicycle Fatal Crashes by Year					Current Bike fatalities in
2020	2021	2022	2023	2024	2025
2	4	4	3	4	1
	100.00%	0.00%	-25.00%	33.33%	-75.00%



# Crash Information





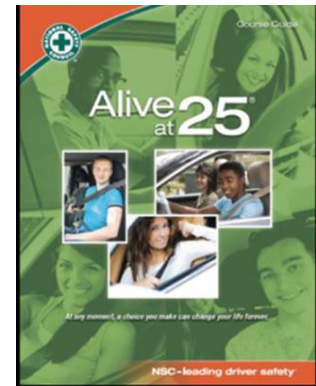
# Safety

- The City applied for and received grant funding under the Safe Street for All (SS4A) program for the development of a Vision Zero Plan and a safety plan
  - Safety is and should always be a shared responsibility
  - We know people will make mistakes
  - Make the roadways forgiving
  - Eliminate or shift the fatal and serious injury crashes less severe type of crashes
  - Development a tool-box for City staff to use in conjunction with the development of new projects



# Safety

- Alive at 25 program
  - Alive at 25 is a four-hour National Safety Council (NSC) driver safety training course focused on young adult drivers between the ages of 15 and 24, the group with the greatest risk of serious injury or death by motor vehicle crash.
  - Staff conduct the training at 9 high schools /Yr
  - 2,100 Students Annually
  - Glendale was the first and is still the only City to be offering this training on AZ
    - Received the National Safety Council Community Partner in Safety Award for being the only city in the nation to implement the program proactively in all city high schools
- Regional crossing guard training





# Safety

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- E-Bike are one of the new challenges we are facing
  - Passed recent ordinance to address this growing trend



# Traffic Operations





# Traffic Operations

- Currently working with ADOT on 2 technology projects:
  - Advance detection on Glendale Avenue between 83<sup>rd</sup> Avenue and 45<sup>th</sup> Avenue
  - Adaptive signal control on Bethany Home Road from Loop 101 to 47<sup>th</sup> Avenue
- Traffic signal progression (Through MAG's Traffic-signal-optimization-program – TSOP)
  - Glendale Ave (complete)                      - 59<sup>th</sup> Avenue (complete)
  - Bethany Home Road (complete)   - 51<sup>st</sup> Avenue (Underway)
  - Camelback Road (complete)
  - 75<sup>th</sup> Ave (complete)
  - 67<sup>th</sup> Ave (complete)



# Flashing Yellow Arrow Operation

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- City has 207 signalized intersections
- 47 of the intersections have FYA operation
  - Intersections with dual left are not candidates for FYA operations
- There are 2 projects that we are working with DOT on
  - FYA phase 3 – 9 intersections – in construction
  - FYA phase 5 – 7 intersection – FY 28 HSIP funding
- 67<sup>th</sup> and Greenway part of a current project
- Yearly, the city upgrades 3 intersections using internal funding/staff



# Events





# Glendale Westgate Entertainment Area

- Shopping
- Dining
- Movie Theater
- Hotels
- Offices
- Home of the AZ Cardinals and Rattlers
- Events/Concerts throughout the year





# Events

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- City hosts approximately 20 - 24 MEGA events in the Westgate area (10 football games + other concerts and sporting and no-sporting events)
  - These are events that attract at least 40 K spectators
- Other small events are held at the arena
  - 18K capacity
- Some of the major events held at State farms Stadium include, 2023 Super Bowl, 2024 Men's Basketball Final four, Taylor Swift, Rolling Stones, etc.
- Spring Training at Camelback Ranch (30 games)



# Events

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- Events are managed at the EOC or at the TMC
- City's Transportation staff work closely with staff from Glendale PD and Insignia who manages parking at the stadium and others to make sure that event traffic is managed efficiently
  - The egress out of the stadium typically is done within one hour

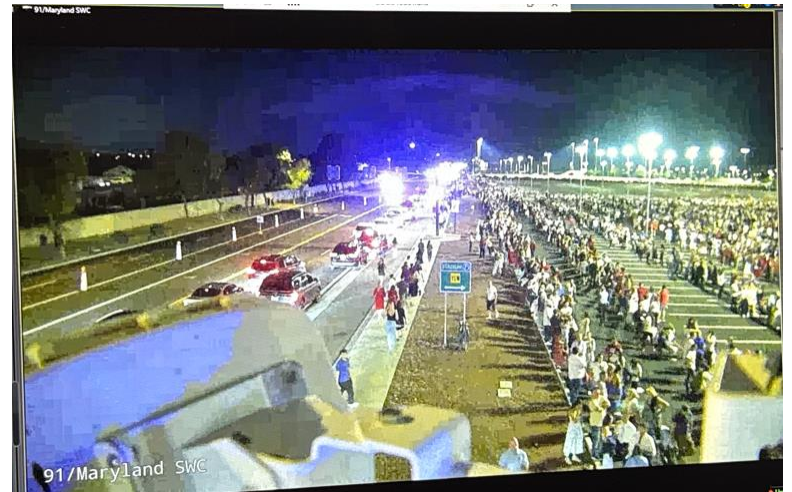


TMC

EOC



# Events



# Events





# Luke Days

- Dates: March 21–22, 2026
- Event Hours: 11:00 AM to 4:30 PM
- The event impacts multiple jurisdictions
  - Coordination
- US Airforce Thunderbirds
- show estimated crowds of 200,000–300,000 people per day
- Website info at <https://www.lukedays.com/>





# Luke Days

- Attendance for this years event was 200,000-250,000 for both days
- Heat was an issue during this years evets





# Water Conservation





# Water Conservation

- We are in a stage 1 drought
  - Conservation measures began a couple of years ago
- Glendale gets 40% of its water from the Colorado River
- The City is doing its part by placing drought tolerant trees and shrubs to reduce its water use
  - City has spent \$6 M (\$3M grant + \$3m of local funding) to redo several median and roadside landscaping





# Water Conservation

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–Recent examples include

- Union Hills turf conversion 67<sup>th</sup> Avenue to 75<sup>th</sup> Avenue
- Grand Avenue 43<sup>rd</sup> Avenue to 71<sup>st</sup> Avenue
- 67<sup>th</sup> Avenue from Union Hills to Loop 101 (completed)

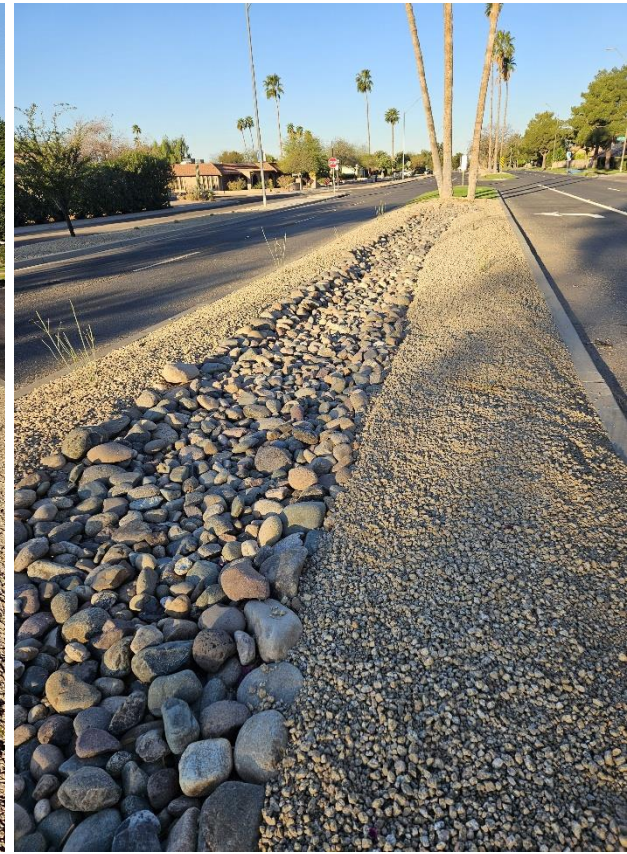


# Water Conservation

• Before



After





# Water Conservation





# Planning





# Transportation Planning

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- Glendale Transportation Plan
  - Roadmap for Glendale transportation over the next 25 years
  - Kicked off in June 2025
  - Last updated in 2009
  - [www.GlendaleMoves.com](http://www.GlendaleMoves.com)

**ON THE MOVE**

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 **Glendale**  
A R I Z O N A



# Active Transportation

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- Under construction
  - Two federally funded sidewalk infill projects
    - 3.9 miles of missing sidewalks
    - 1 mile of new bike lane
    - Design and construction funding (CMAQ/TA - 94.7% federally funded)
    - \$5.9 million combined construction budget



# Challenges





# Challenges

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- Revenue
- Aging infrastructure
- Staffing
- Rising material costs
- Project bids are coming in way over the estimated construction cost
- Delays with getting materials



The question that I always get asked



# VAI Development





# VAI Development

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- The development is still under construction
- Originally Slated for opening in late 2022
- New venues being added
- Developer with creative ideas
  - Helicopter pad
  - Roof top pool
  - Additional Rides



# VAI Development

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- Traffic plans to deal with events at the stadium/Westgate area and events at VAI
  - New Traffic control plan will be required
  - Coordination will be starting soon



# Questions





# Contact Information

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# Infrastructure

