

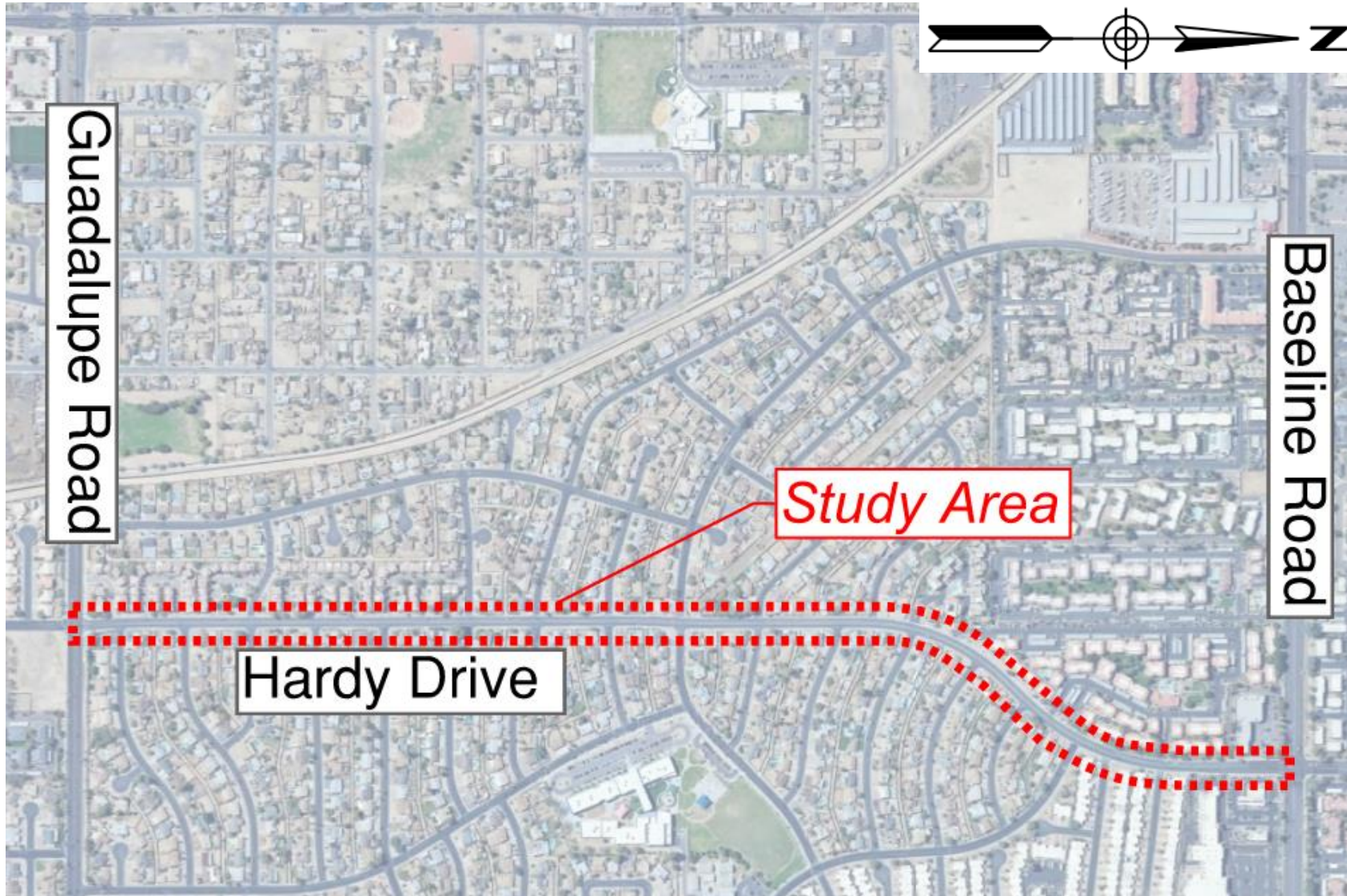
Hardy Drive – Baseline to Guadalupe Roads Traffic Calming Improvements

Public Meeting

Sept. 12, 2024



Project Area





Study Background

- City received *Neighborhood Traffic Calming Request Form* signed from **6 residents** for Hardy Drive from Baseline to Guadalupe Roads.
- Resident concerns included high speeds, high traffic volume, and safety.
- City staff heard from **2 additional residents** about similar concerns along the corridor.
- City conducted review of Hardy Drive per City of Tempe's *Neighborhood Traffic Calming Guide*.



City Staff Review

Per the Neighborhood Traffic Calming Guide, Step 2:

Criteria	Met
Mostly residential land use?	YES
Street is classified as local or collector?	YES
Speed limit is 30 mph or less?	YES
85 th percentile speed is 6 or greater over speed limit?	YES – 36 mph
Traffic volume is > 1,000 vehicles per day?	YES – 7,500 vpd

Safety Concerns

Year	# of Crashes
2019	5
2020	4
2021	3
2022	5
2023	4
5 year total	21

Most common types of crashes:

- Left Turn
- Angle Crash
- Single Vehicle



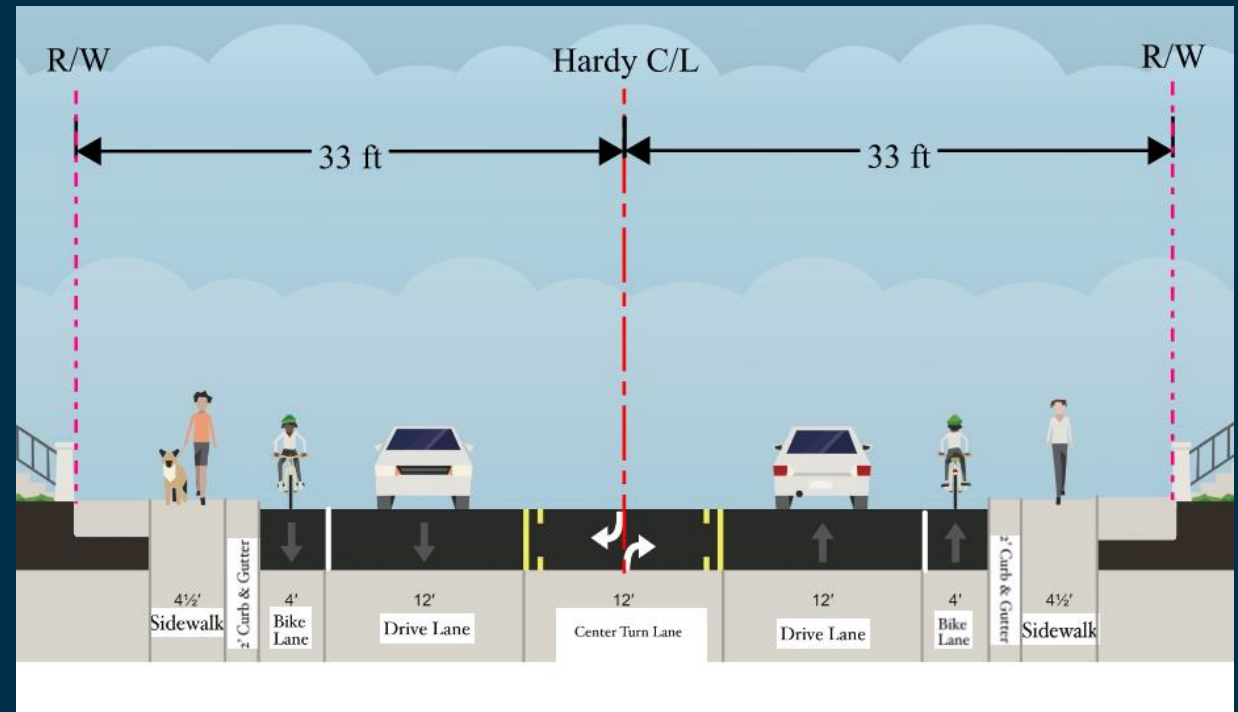


Study Purpose

- Seek input from local residents and stakeholders in the development of traffic calming alternatives for Hardy Drive between Baseline and Guadalupe Roads
- Promote safety and reduce speed
- Enhance safety for all users of the street

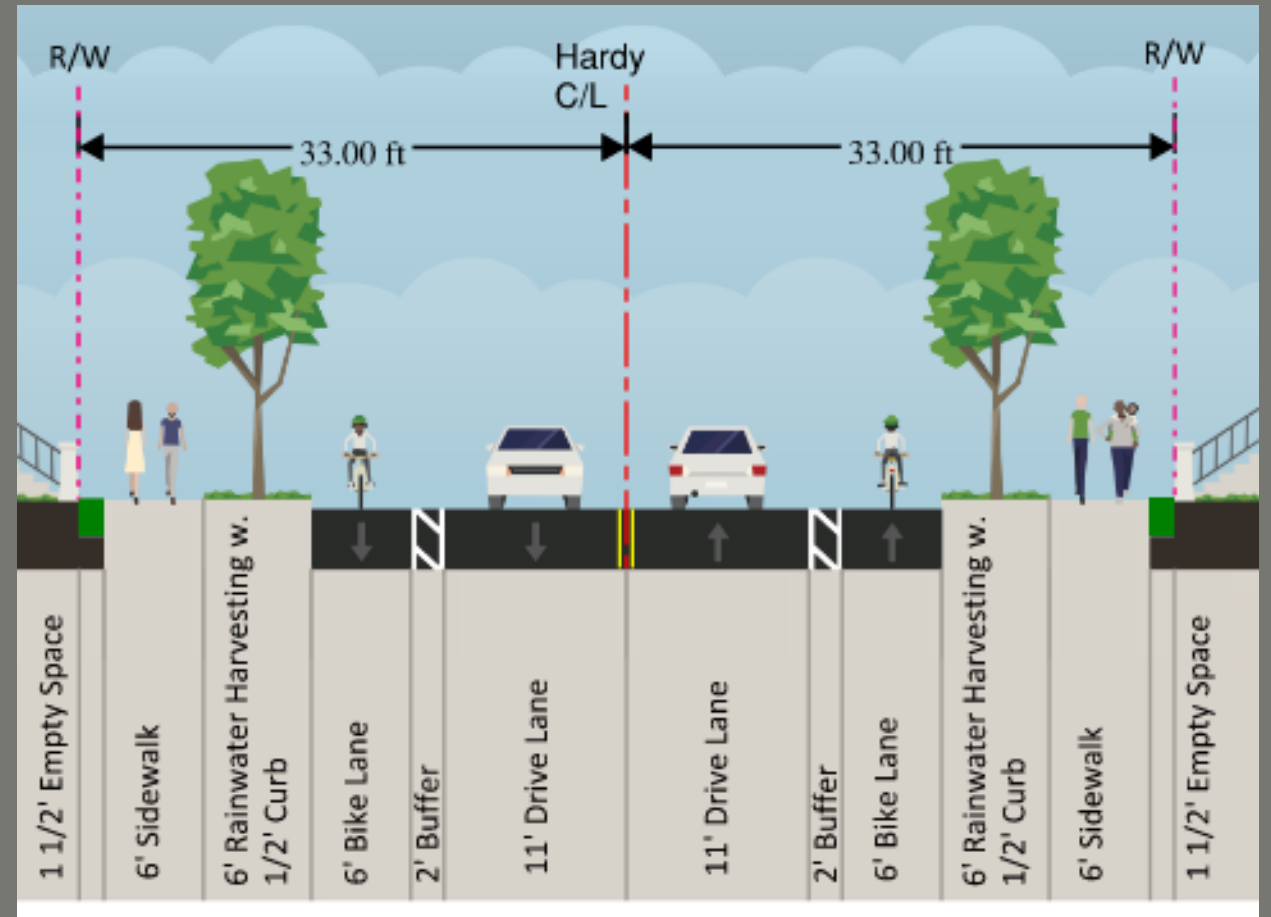
Existing Corridor Conditions

- Two-way left turn lane
- 1 lane in each direction
- Bike lanes (both directions)
- Transit Corridor (Valley Metro Route 62)



Alternative A – Enhanced Landscaping

- Rainwater harvesting and landscaping
- Improve sidewalk width
- Improve bike lane width and add buffer
- Left turn lanes at McKemy Street, Cornell, Rice, Duke and Julie Drives



Alternative A – Enhanced Landscaping

- Raised intersection at Cornell Drive
- Bulb Outs at McKemy Street and Julie Drive

Raised Intersection



(Source: Chuck Huffine, Phoenix AZ)

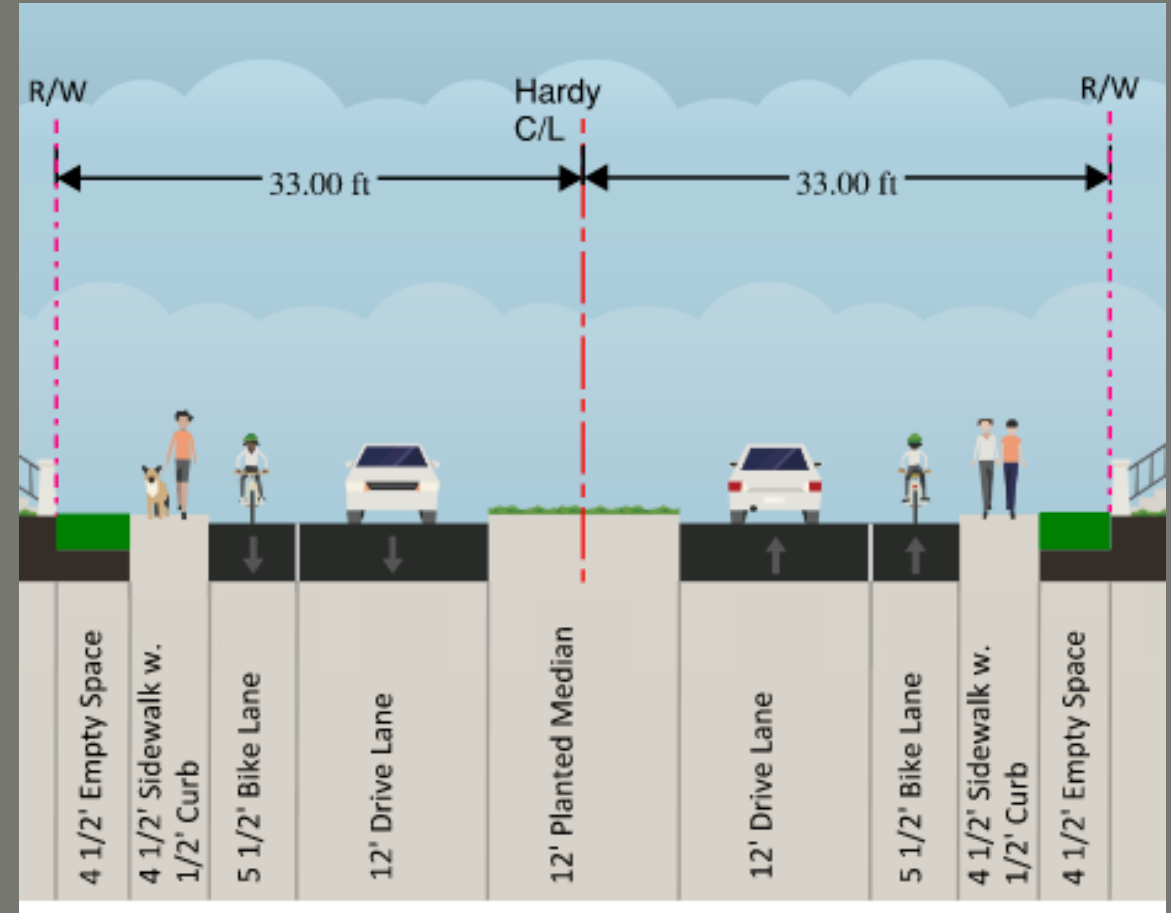
Corner Extension/Bulb Out



(Source: James Barrera, Horrocks, New Mexico)

Alternative B – Median Landscaping

- Replace striped two-way left turn lane with median
- Pedestrian median refuges at transit stops:
 - Oxford Drive
 - McKemy Street
- Left turn lanes at McKemy Street, Cornell, Rice, Duke and Julie Drives



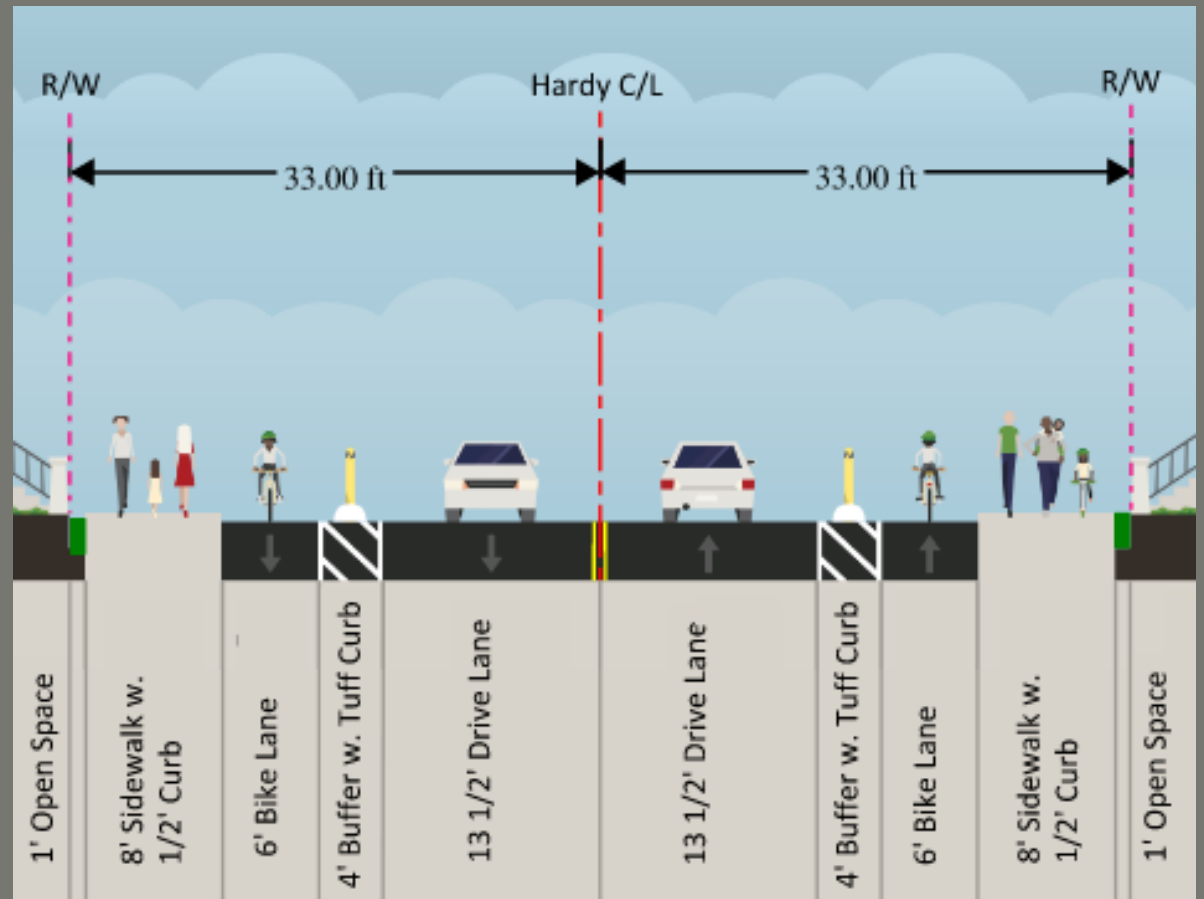
Alternative B – Median Landscaping

- Raised intersection at Cornell Drive
- Chicanes between:
 - Westchester Avenue and Julie Drive
 - Harvard Drive and McKemy Street



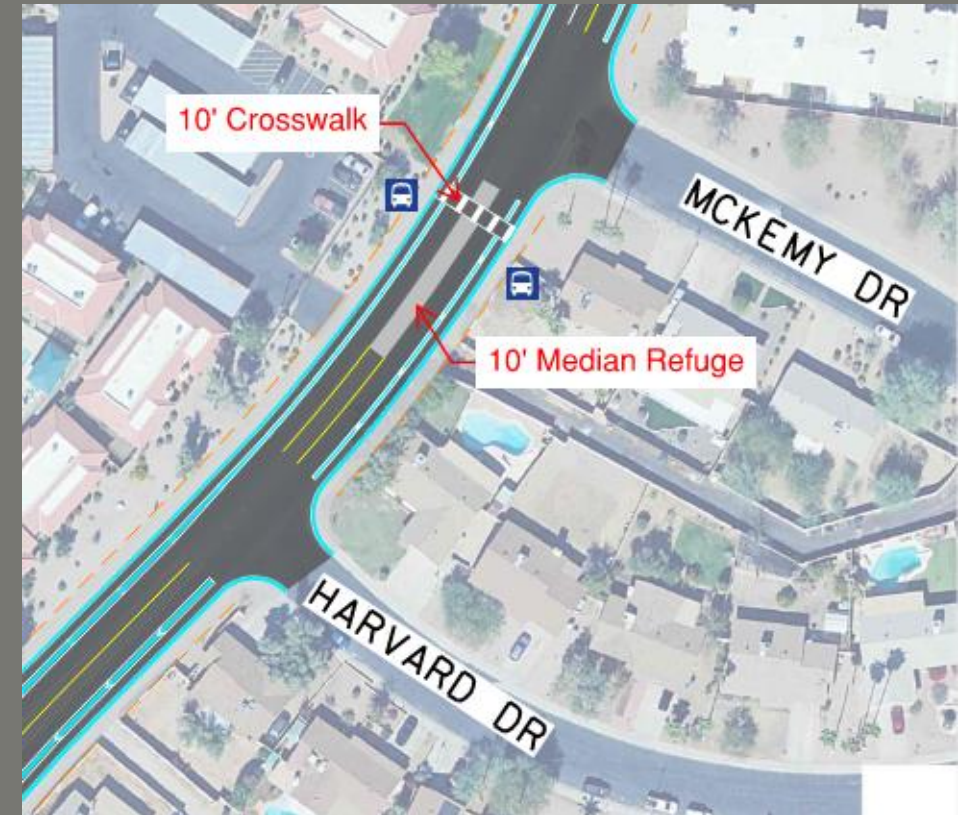
Alternative C – Enhanced Bike Lanes

- Widen bike lanes, add buffer with raised curb and flexible posts
- Improve sidewalk width
- Left turn lanes at McKemy Street, Cornell, Rice, Duke and Julie Drives



Alternative C – Enhanced Bike Lanes

- Raised intersection at Cornell Drive
- Pedestrian median refuges at:
 - Oxford Drive
 - McKemy Street





Project Next Steps

- Comment period: Sept. 12 to 26
- City will use public comments to determine the neighborhood preferred alternative.
- Design and construction has been allocated in the City's Capital Improvement Program.
- City anticipates engineering design will start at beginning of 2025 with construction in early 2026.



Public Survey Link

tempe.gov/TrafficCalming



For additional information

Cory Steele, P.E., PTOE

Senior Civil Engineer

Transportation and Sustainability

cory_steele@tempe.gov