

TRANSPORTATION ADVISORY BOARD MINUTES

APPROVED

HELD ON January 20, 2026

The Transportation Advisory Board of the City of Mesa met at City Hall (20 East Main Street, 1st Floor) on January 20, 2026, at 5:30 p.m.

<u>TAB Members Present</u>	<u>TAB Members Absent</u>	<u>Others Present</u>
Daniel Hartig (Chairperson)	Mike James (Vice Chairperson)	Ryan Hudson
Lea Bertoni	Dana Alvidrez	Anna Janusz
Tara Bingdazzo	Daniel Laufer	Efren Carmona
Justin Bond	Michelle McCroskey	Erik Guderian
Rob Crist		
Melissa Leon		

Chairperson Hartig called the January 20, 2026, Transportation Advisory Board meeting to order at 5:35 pm.

Item 1. Approval of the minutes of the Transportation Advisory Board meeting held on September 16, 2025.

It was moved by Board Member Bertoni, seconded by Board Member Crist, that receipt of the above-listed minutes be approved.

Upon tabulation of votes, it showed:

AYES – Hartig – Bertoni – Bingdazzo – Bond – Crist – Leon

NAYS – None

Item 2. Acknowledge outgoing Board Member Tim Meyer.

Chairperson Hartig acknowledged outgoing Board Member Meyer.

Item 3. Items from citizens present.

None

Item 4. Hear and discuss a presentation on the Mesa Temporary Traffic Control Manual

update.

Ryan Hudson, City Traffic Engineer, introduced himself and Adam Barrier, Traffic Control Supervisor, indicating that they would be giving a presentation on the Mesa Temporary Traffic Control Manual Update.

Mr. Hudson provided an overview of the Temporary Traffic Control (TTC) Team's responsibility, explaining that the team designs, coordinates, plans, and advises on temporary traffic control measures and barricades on City of Mesa public streets. He stated that staff are currently updating the City of Mesa Temporary Traffic Control Manual, which outlines the rules, standards, and guidelines for TTC in the City of Mesa. He added that the first edition was published in 2017 and requires updates to reflect current federal and City of Mesa standards, integrate continued improvements/enhancements, and account for industry's best practices and advancements.

Adam Barrier reintroduced himself and reviewed proposed changes to Chapters 1, 2, 3, 4, 5, 7, 8 and 9 of the Mesa Temporary Traffic Control Manual. Mr. Barrier outlined each of these chapters in the manual and provided some insight into the proposed major chapter updates. He provided examples and figures to supplement the justification for the proposed modifications.

Mr. Hudson stated that the goal is to publish the second edition in spring of this year and that staff are requesting comments and feedback from the board by the end of the month regarding the proposed updates.

Board Member Leon asked about the automated flagger, discussed in Chapter 5, and how it operates.

Mr. Barrier explained that the automated flagger is a trailer equipped with a railroad-style arm, cameras facing all four directions, and a radar system. If a vehicle drives past the arm, the flagger operating the automated flagger can sound the horn to warn workers. He explained that the operator can manually control the automated flagger arm or set it to raise at timed intervals.

Mr. Hudson stated that automated flaggers are typically used on narrow roadways with low traffic volumes in rural areas and would not typically be used in areas like Downtown Mesa.

Mr. Barrier added that they have been successfully used in rural areas and are a great measure to maintain traffic flow and increase work zone safety.

Board Member Bertoni asked whether a police officer is required at every project and if it is a state requirement.

Mr. Barrier responded that it is not a state requirement and that requirements vary by city. He stated that the City of Mesa evaluates several factors to determine whether a police officer is needed and that this determination is project specific and not included in the manual as a standard. Instead, the manual outlines guidelines for when to consider off-duty officers and the process to implement their support for work zones.

Board Member Christ asked how the public would report issues with barricade setups.

Mr. Barrier stated that the public can contact the Temporary Traffic Control group or the Transportation Department using the contact information listed on the Transportation Department's website. He also explained that requests can be submitted through the CityLink app, which will direct the issue to the Mesa Temporary Traffic Control group.

Mr. Hudson added that if members of the public encounter confusing construction zones within the City of Mesa, they should contact the Transportation Department.

Board Member Bond asked whether landscape companies are required to obtain a TTC permit.

Mr. Barrier explained that it depends on the scope of work. He stated that the manual allows landscape companies to use a shadow truck with a light bar on top and place six cones behind the truck for up to 15 minutes, provided they are not near a signalized intersection. If the truck is equipped with an arrow board, they can stay there for up to an hour. Work along a raised median for approximately half a mile would require a TTC permit. He added that if landscape crews are observed working from a sidewalk, blocking sidewalk access, the TTC group would appreciate being notified as that is not a proper procedure.

Chairperson Hartig confirmed that there were no other comments or questions from the board and thanked staff for the presentation and opportunity to comment on the proposed manual updates.

Item 5. Discuss and take action, providing a recommendation to Council on a staff

**proposal to modify the Transportation Department's schedule of fees and charges
for traffic signal in-lieu fees (citywide).**

Ryan Hudson, City Traffic Engineer, introduced himself and indicated that he would be giving a presentation on providing a recommendation to Council on a staff proposal to modify the Transportation Department's schedule of fees and charges for traffic signal in-lieu fees.

Mr. Hudson explained that developers might be required to pay the in-lieu fees when developing land adjacent to an intersection where a traffic signal is anticipated in the future but is not currently warranted. He provided an example of development occurring at an intersection with an arterial and a collector street in an area with limited activity or development, with vacant land surrounding the intersection. He stated that as the area develops, staff anticipated that a traffic signal will eventually be warranted. Mr. Hudson also described a scenario in which a developer was building a school on vacant land, creating the need for the traffic signal as part

of the subject development. In that case, the developer was required to install the traffic signal as part of their off-site development improvements. He stated that in-lieu fees were not collected from other developers because the traffic signal was required with the school opening. He stated that traffic signal in-lieu fees are infrequently required but help offset future City of Mesa costs when the traffic signal is ultimately installed, as installation costs are expected to increase over time. He then reviewed the existing in-lieu fee structure, the current traffic signal installation costs, and the proposed schedule of fees and charges.

Chairperson Hartig asked whether there was a time limit for installing a traffic signal once in-lieu fees were collected and, if fees were collected for only two quadrants of an intersection, who would be responsible for the remaining costs when the signal became warranted.

Mr. Hudson responded that there is no established timeframe for installation once in-lieu fees are collected; however, the intent is that a traffic signal will eventually be installed. He added that development in an area typically occurs in succession with additional parcels developing soon after the first project. In response to the second question, he stated that if the City of Mesa collected fees for only two quadrants and a traffic signal was warranted, the City of Mesa would absorb the remaining costs.

Chairperson Hartig asked whether a future developer could reimburse the City of Mesa for those costs when developing adjacent property.

Mr. Hudson stated that the possibility could be investigated, but that he did not have an answer at that time. However, this is not a scenario that has occurred in the past and would likely involve development agreements.

Board Member Bertoni asked if a development was already established at a location and if a traffic signal becomes warranted in the future, whether that development would be asked to help pay for it.

Mr. Hudson responded that if the development was already established and in-lieu fees had not been collected, it would be more likely that a new developer triggering the need for the traffic signal would be required to install it. He added that if the established developer decides to redevelop the property and the redevelopment generates additional traffic, that developer could be required to install the traffic signal as a part of the redevelopment.

Board Member Leon asked whether these types of fees are compared with those of other cities. She expressed concern that the higher cost could deter development in the City of Mesa.

Mr. Hudson stated that staff could review comparable fees in other cities and appreciated the feedback. He added that based on the cost of adding infrastructure, staff does not believe the fee would deter developers in any way because it is a shared cost.

It was moved by Board Member Bertoni, seconded by Board Member Leon, to approve the recommendation to council in favor of staff's proposal to modify the Transportation Department's schedule of fees and charges for traffic signal in-lieu fees (citywide).

Upon tabulation of votes, it showed:

AYES – Hartig – Bertoni – Bingdazzo – Bond – Crist – Leon

NAYS – None

Item 6. Discuss and take action, providing a recommendation to Council on the staff

proposal to modify the speed limit on Ellsworth Road between Elliot Road and the south City limits (Council District 6).

Ryan Hudson, City Traffic Engineer, introduced himself and indicated that he would be giving a presentation on providing a recommendation to Council on the staff proposal to modify the speed limit on Ellsworth Road between Elliot Road and the south City limits (Council District 6).

Mr. Hudson discussed the proposed speed limit change on Ellsworth Road. He explained the recent widening of the roadway and presented information on the street's cross-section and corridor characteristics. He stated that staff's recommendation is to reduce the posted speed limit from 50 mph to 45 mph, based on the roadway characteristics, developing land-use context, active projects to build out the roadway cross-section, and consistency with typical arterial speed limits in the City of Mesa.

Chairperson Hartig asked about the posted speed limit south of Germann Road in Queen Creek.

Mr. Hudson responded that as the roadway enters Queen Creek, Ellsworth Road has a posted speed limit of 45 mph.

It was moved by Board Member Bingdazzo, seconded by Board Member Crist, to provide a recommendation to Council to approve staff's proposal to reduce the speed limit from 50 mph to 45 mph on Ellsworth Road between Elliot Road and the south City limits (Council District 6).

Upon tabulation of votes, it showed:

AYES – Hartig – Bertoni – Bingdazzo – Bond – Crist – Leon

NAYS – None

It was motioned by Board Member Bertoni, seconded by Board Member Christ, to adjourn the meeting.

AYES – Hartig – Bertoni – Bingdazzo – Bond – Crist – Leon

NAYS – None

Meeting adjourned at 6:29 pm.

X Daniel Hartig

DANIEL HARTIG
CHAIRPERSON

ATTEST:

X Sabine King

SABINE KING
SUPERVISING ENGINEER

Mesa Temporary Traffic Control Manual Update

Transportation Advisory Board
January 2026



Mesa Temporary Traffic Control Program

- Design, coordinate, plan & advise on TTC for **safe work zones**
 - Construction projects
 - Maintenance projects
 - Special events
 - Emergency situations
- Plan review & permitting
- Inspections, corrections & trainings
- **Mesa Temporary Traffic Control Manual (TTCM)**

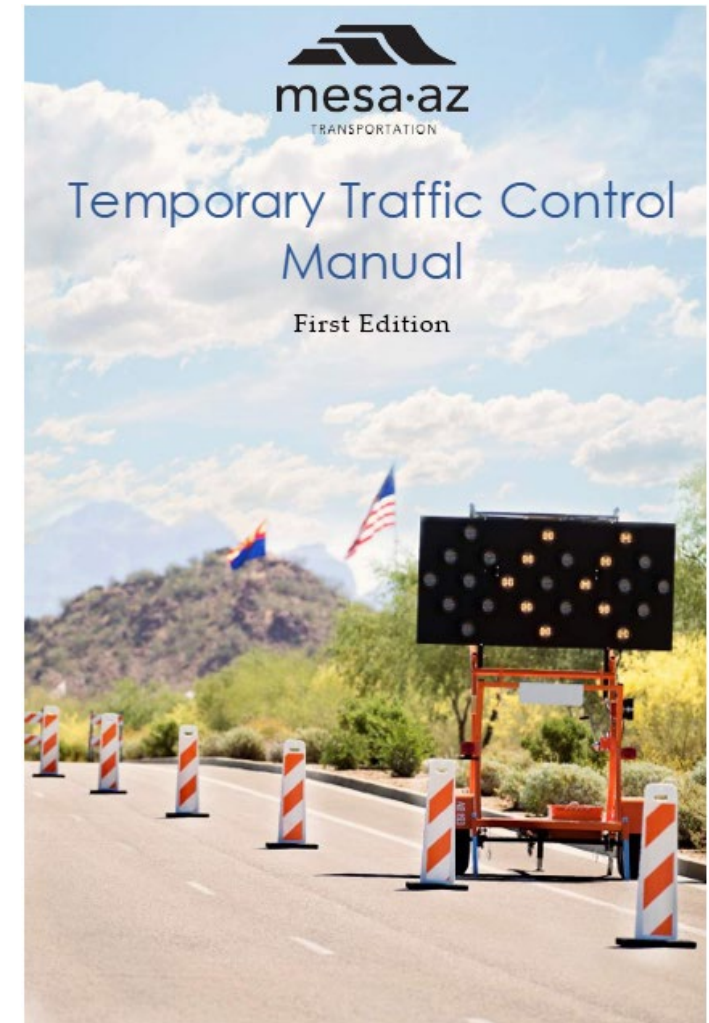


1st Edition (2017)

The TTCM augments the current MUTCD and was prepared for those **working in public right-of-way (streets, sidewalks, multi-use paths, etc.) or planning special events requiring traffic restrictions within the City of Mesa.**

It includes but is not limited to:

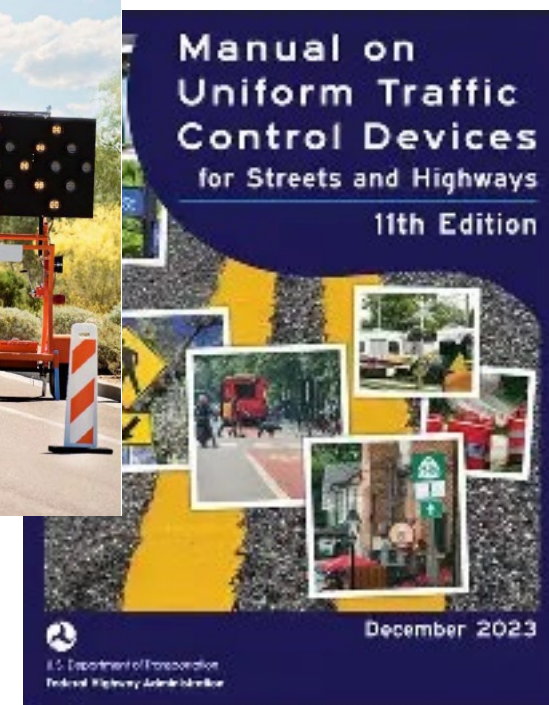
- Temporary Traffic Control (TTC), Permit Rules, and Procedures
- Information on Traffic Control permits and fees.
- Corrective Action Notifications and/or Civil Sanctions
- Excerpts from applicable sections of Mesa City Code
- The ordinance adopting the Temporary Traffic Control Manual for the City of Mesa
- Sample Traffic Control Plans (TCP)



1st Edition (2017)

Need for updates due to:

- Updated MUTCD (December 2023)
- Mesa TTC Program updates
- Lessons learned – continued improvements & enhancements
- Project experiences
- Solicited feedback from industry & Mesa departments
- Industry best practices and advancements



2nd Edition (Draft)

Chapter 1 - TTC Program

Chapter 2 – General Traffic Regulations

Chapter 3 – Signs, Devices and Applications

Chapter 4 – Quality of TTC Devices

Chapter 5 – Manual TC

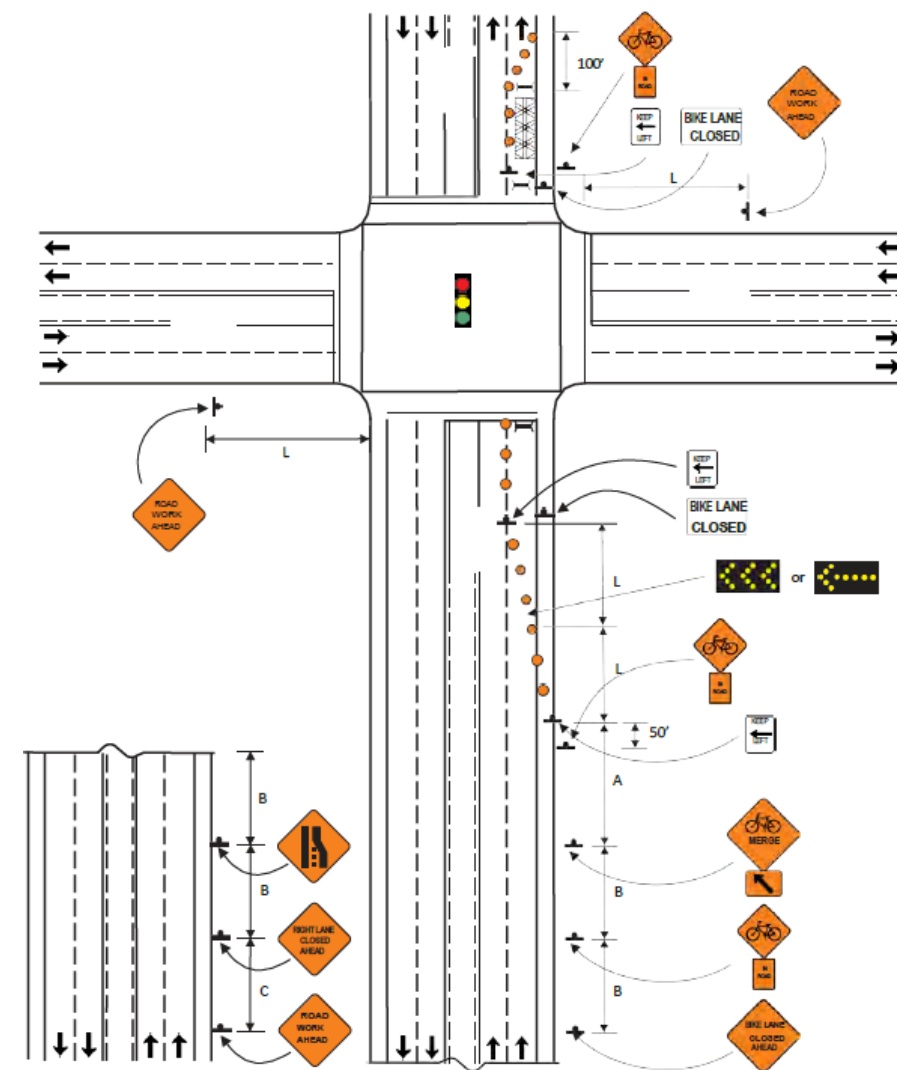
Chapter 6 – Service Vehicles

Chapter 7 – Pedestrian Access Plans (TPAP)

Chapter 8 – Transit Services

Chapter 9 – Special Events

Traffic Control Applications (FIG-01 - FIG-59)



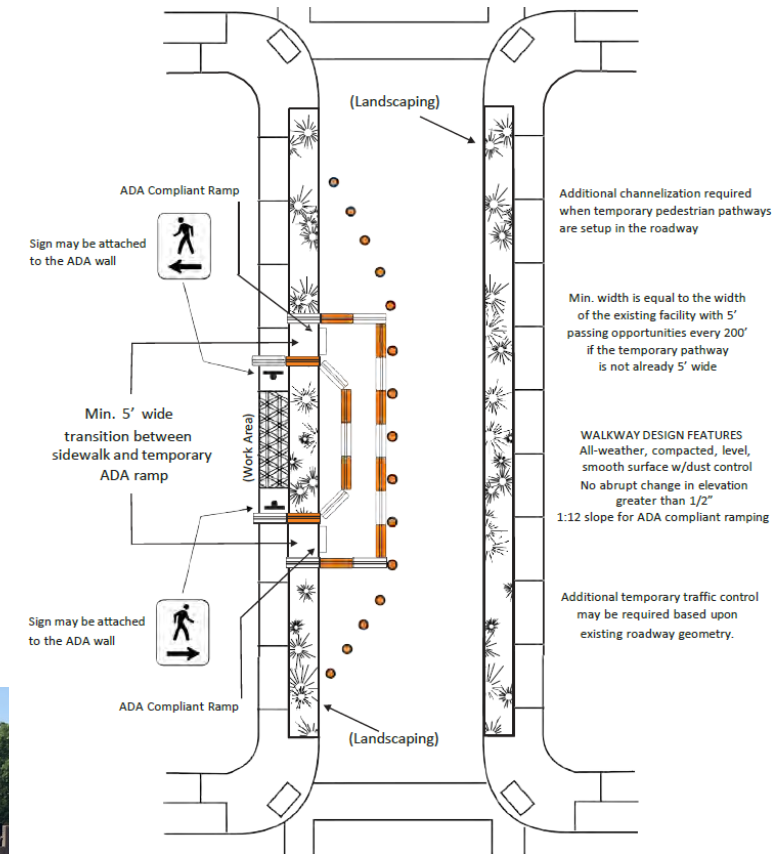
2nd Edition (Draft) – Major Updates

Chapter 1 - TTC Program

- Reference to current edition of MUTCD
- Requirements for construction schedules
- Permit application review timelines
- Temporary pedestrian access plans

Chapter 2 – General Traffic Regulations

- Coordination with schools
- Advance notice for restrictions
- Measures for pavement drops
- Construction moratoriums
- Hazard protection



2nd Edition (Draft) – Major Updates

Chapter 3 – Signs, Devices & Applications

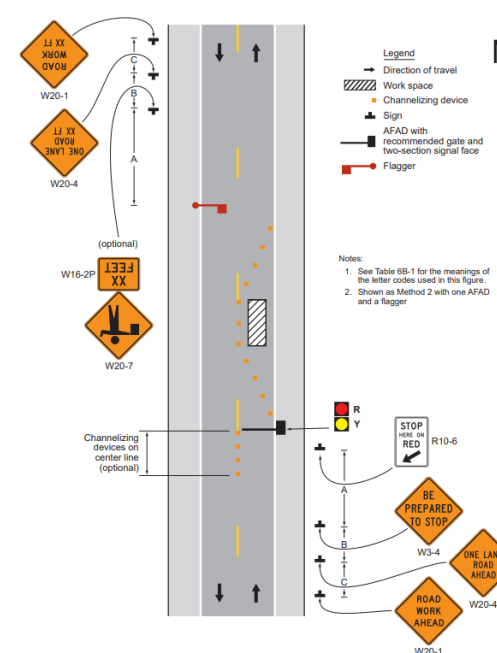
- Remove lighting requirements and increase sheeting requirements

Chapter 4 – Quality of Temporary Traffic Control Devices

- Device quality – Acceptable vs Unacceptable

Chapter 5 – Manual Traffic Control

- Scheduling off-duty police officers
- Automated Flagger Assistance Devices (AFAD)



2nd Edition (Draft) – Major Updates

Chapter 7 – Pedestrians & Bicycle Access

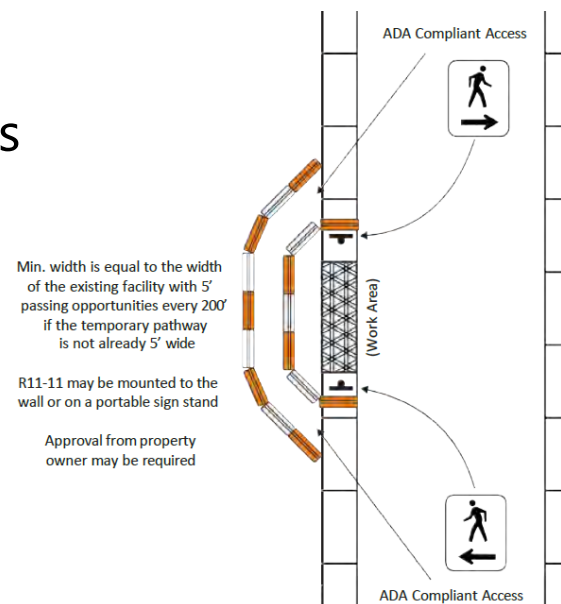
- Closures/relocations of pedestrian facilities
- Covered walkways
- Bicycle considerations for lanes, paths & routes

Chapter 8 – Transit Services

- 10-day notice prior to bus stop restrictions
- Route modification notices

Chapter 9 – Special Events

- Pre-event planning & Special Event Licenses



Why We Are Here Today

We want your input

- TTCM 2nd Edition – goal is to publish Spring 2026
- Provided to TAB:
 - Draft TTCM 2nd Edition
 - Current TTCM 1st Edition

How to provide suggestions

- Comment during today's meeting
- Submit written feedback to adam.barrier@mesaaz.gov by Jan. 30, 2026



Questions/Discussion



Item No. 5 – Traffic Signal In-Lieu Fees

Discuss and take action, providing a recommendation to Council on a staff proposal to modify the Transportation Department's schedule of fees and charges for traffic signal in-lieu fees (citywide).

Traffic Signal In-Lieu Fees

Existing fee structure (2019)

- Four-leg intersection - \$350K
- T-intersection - \$320K

In-Lieu Fee Applicability

- Developers required to pay as part of offsite improvement requirements
- Sites adjacent to intersections where a traffic signal is planned
- Does not apply to traffic signals with warrants tied to a specific development
- Mesa collects less than three traffic signal in-lieu fees per year



Traffic Signal Costs

Signal Location	Description	Year	Cost
Cadence & Crismon Rd	New traffic signal construction at 4-lane arterial to 2-lane collector street	2024	\$682,656
Pecos Rd & 80th St	New traffic signal construction at 5-lane arterial to 2-lane collector street	2025	\$777,065
Brown Rd & 40th St	New traffic signal construction at 5-lane arterial to 2-lane collector street	2025	\$1,057,048
Hampton Ave & Val Vista Dr	Full traffic signal reconstruction at 6-lane arterial to 2-lane collector street	2025	\$864,614
Hampton Ave & Signal Butte Rd	Partial traffic signal reconstruction with new intersection leg at 6-lane arterial to 4-lane major collector street	2025	\$947,264
Warner Rd & Mountain Rd	New traffic signal construction at 6-lane arterial to 4-lane major collector street	2025	\$955,283

- Traffic signal in-lieu fees were last updated in 2019 when costs were set at \$350,000 for a traffic signal at a four-leg intersection
- Significant increases in construction costs of labor and materials in the past several years
- Any difference in the actual cost of the traffic signal will be borne by the City as part of the Traffic Signal CIP Program

Proposed Schedule of Fees & Charges

Department: Transportation

Description of Service	Current Fee Range	Proposed Fee Range	Unit	Total Fiscal Impact	Notes
<i>Traffic Signal In Lieu FeeS</i>					
Per Quadrant at Arterial-To-Arterial FOUR-LEG Intersections	\$87,500	\$225,000	Per Quadrant	\$412,500	Raising fee to reflect the actual cost of traffic signal construction as of 2025. Fiscal impact is dependent on number of developments requesting in-lieu fee. Typical collections range from 0-3 per year.
Per SHARE AT "T" IntersectionS With No Driveway Access Planned at Top of "T"	\$80,000	\$200,000	Per Quadrant SHARE	\$0	Raising fee to reflect the actual cost of traffic signal construction as of 2025. Fiscal impact is dependent on number of developments requesting in-lieu fee. Typical collections range from 0-3 per year.

Estimated Total Annual Fiscal Impact: \$412,500

*Other text amendments are proposed for the Traffic Signal In Lieu Fees to more clearly define the associated descriptions of service and distinguish four-leg and "T" intersection categories.

Proposed Schedule of Fees & Charges

Recommendation:

- Based on the cost data, staff recommends setting the fee for a traffic signal at \$900,000 (\$225,000 per quadrant) for a four-leg intersection and \$600,000 (\$200,000 per share) for a “T” intersection.

TAB:

- Discuss & take action, providing a recommendation to Council



Item No. 6 – Ellsworth Rd Speed Limit

Discuss and take action, providing a recommendation to Council on the staff proposal to modify the speed limit on Ellsworth Road between Elliot Road and the south City limits (Council District 6).

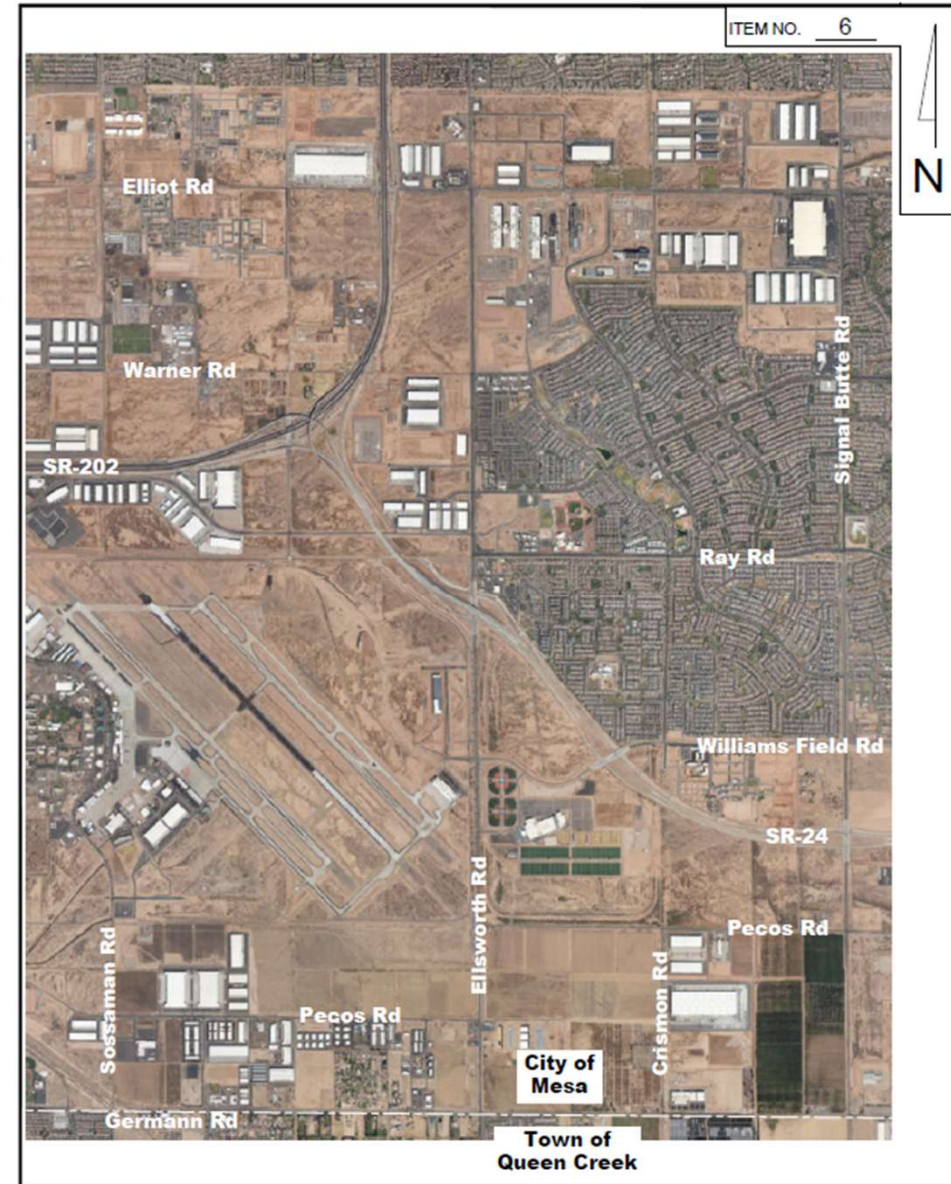
Ellsworth Road

Active Ellsworth Widening CIP

- Buildout to 6-lane arterial
- Germann Rd to Ray Rd

Adjacent Land Uses & Development

- Mixed-use commercial, industrial, data centers, PMGA, residential, and recreational



Ellsworth Rd – North of Germann Rd



Ellsworth Rd
(Current Conditions
Looking North)

Ellsworth Rd – South of Pecos North



Ellsworth Rd
(Looking North)

Ellsworth Rd – South of Williams Field



Ellsworth Rd
(Current Conditions
Looking North)

Ellsworth Rd – North of Cadence Pkwy



Ellsworth Rd
(Looking North)

Ellsworth Rd – North of Starfire Ave



Ellsworth Rd
(Looking North)

Ellsworth Rd – South of Warner Rd



Ellsworth Rd
(Current Conditions
Looking South)

Ellsworth Rd – South of Elliot Rd



Ellsworth Rd
(Looking North)

Elliot Road to South City Limits

Recommendation:

Based on the roadway characteristics, developing land-use context, active projects to build out the roadway cross-section, and consistency with typical arterial speed limits in the City of Mesa, staff recommends **reducing the posted speed limit from 50 mph to 45 mph.**

- Existing in City Code: 50 mph from Elliot Road to south City limits and 45 mph from Elliot Road to north City limits

Ellsworth Road Speed Limit

Recommendation:

- Reduce the speed limit from 50 mph to 45 mph on Ellsworth Road between Elliot Road and south City limits.

TAB:

- Discuss & take action, providing a recommendation to Council

