



**Minutes**  
**Transportation Advisory Committee**  
Municipal Services Building  
San Tan Conference Room  
22358 S. Ellsworth Road, Queen Creek, AZ 85142  
August 29, 2019  
6:30 p.m.

**1. Call to Order & Roll Call**

Chairman Spencer Hale called the meeting to order at 6:37 p.m.

Council Member Jeff Brown	Present
Council Member Emilena Turley	Absent
Spencer Hale, Chair	Present
Robert Estler, Vice Chair	Present
Bob Adelfson, TAC Member	Present
Susan Denton, TAC Member	Present
Susan Scott, TAC Member	Present
Nancie Naylor, TAC Member	Absent
Jesse Roth, TAC Member	Absent
Jane Litchfield	Absent
Mohamed Youssef Public Works Deputy Director	Present
Marshall Riegel Traffic Operations Engineer	Present
Brad Novacek CIP Engineer	Absent
Charlene Montgomey Sr. CIP Project Manager	Present
Laura Catanese Sr. Administrative Assistant	Present

**2. Introductions**

Mohamed Youssef, Public Works Deputy Director, introduced new Traffic Operations Engineer, Marshall Riegel to the committee.

**3. Ceremonial Matters**

**A. Recognition of Robert Estler and Jane Litchfield for Transportation Advisory Committee service**

Robert Estler and Jane Litchfield are stepping down from the committee. Jane Litchfield was not present. Mohamed Youssef thanked Vice-Chair Robert Estler for his service on the Transportation Advisory Committee and presented him with a service recognition certificate.

4. **Public Comment:** Members of the public may address the Committee on items not on the printed agenda. Please observe a time limit of three minutes. **None.**

5. **Items for Discussion and Possible Action**

A. Consideration and possible approval of the May 9, 2019 minutes

**MOTION: To approve the May 9, 2019 minutes, as is.**

**RESULT: Approved Unanimously (5-0)**

**MOVER: Vice Chair Robert Estler**

**SECONDER: Susan Scott**

B. CIP Update including SR24 update/ Prop 400 Extension

**Charlene Montgomery, Capital Improvement Program (CIP) Senior Project Manager, provided and update on CIP projects that are close to construction, under design and recently completed. Improvement elements for most CIP projects include roadway, curb, gutter, sidewalk, driveway and culvert construction; drainage improvements; irrigation and utility relocations; overhead to underground electric conversion; traffic signal upgrades; landscaping, signage and striping improvements.**

• **PROJECTS READY FOR CONSTRUCTION**

- Rittenhouse Road – 213<sup>th</sup> Street Alignment to Riggs Road
- Rittenhouse Road Bridge at Queen Creek Wash

• **PROJECTS IN DESIGN**

- Queen Creek Road – Signal Butte Intersection Phase 1
- Chandler Heights Road – Power Road to Via Del Arroyo
- Chandler Heights Road – Recker Road to Power Road
- Power Road – Brooks Farm Road to Chandler Heights Road
- Ocotillo Road – Signal Butte Road to Ironwood Road
- Ocotillo Road – Sossaman Road to Hawes Road
- Meridian Road – Combs Road to Church Farms Development
- Meridian Road – Queen Creek Road to Germann Road
- Meridian Road – Germann Road to State Route 24

• **PROJECTS COMPLETED**

- Power Road – Ocotillo Road to Brooks Farm Road
- Riggs Road – Crismon Road to Meridian Road
- Ellsworth Road and Queen Creek Road Intersection, Phase 2

Mohamed Youssef, Public Works Deputy Director, updated the committee on State Route 24 and Prop 400.

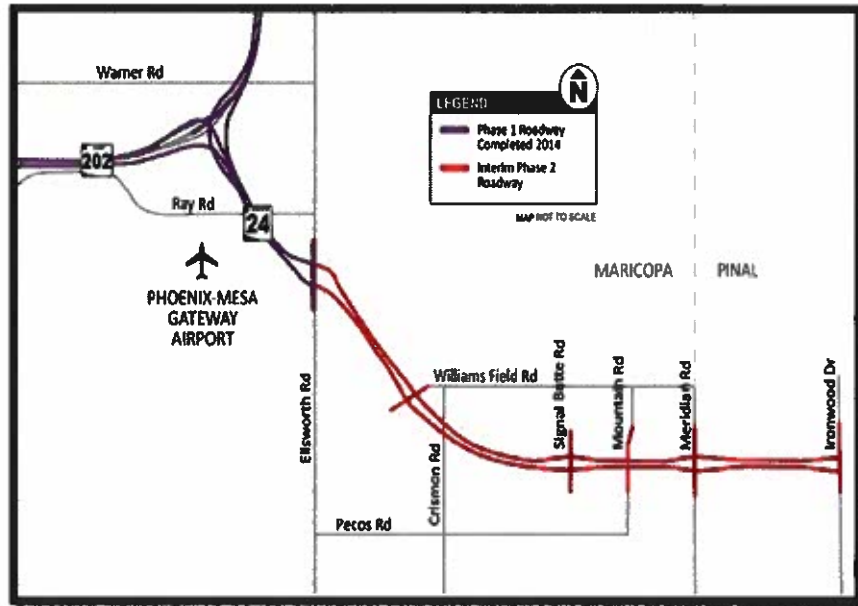
**State Route 24 Update:**

Bridges, in each direction, will go over Ellsworth Road.

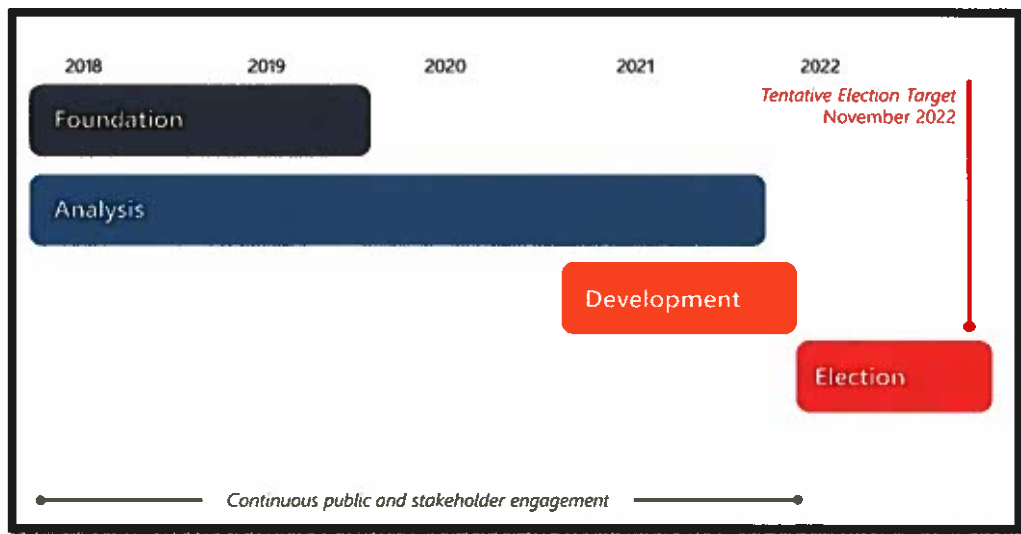
**2019-2020:** Interim Phase 2 Final Design

**Fall 2020:** Construction begins

**2022:** Construction completed (20-24 month duration)



State Route 24 – Ellsworth Road to Ironwood Road



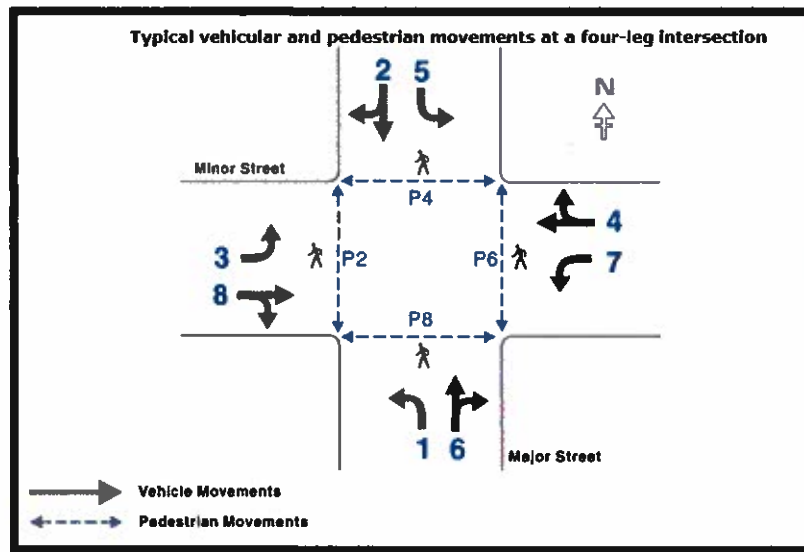
Prop 400, the voter-approved half cent sales tax for transportation, expires at the end of 2025. For internal planning purposes, MAG will use November 2022 as a possible timeline for a ballot measure to extend the tax (modifying the date according to the project schedule).

### C. Signals 101 Presentation

When should an intersection be signalized?

New Traffic Operations Engineer, Marshall Riegel, presented on the data traffic engineers gather when analyzing if an intersection warrants a new traffic signal.

- Eight-hour vehicle volume study
- Four-hour vehicle volume study
- Pedestrian volume study
- Peak hour study
- School crossings
- Coordination of roadway network



Once proven that an intersection warrants a traffic signal, then the real fun begins. How long should a light remain green? Cycle length is dependent on the following variables:

- Movement demands
- Truck volume
- Posted speed limit
- Pedestrian presence
- Time of day (peak hour volume)

Successful traffic signal management requires a good knowledge of traffic patterns, good spacing of signalized intersections, and well-maintained and funded signal systems.

### D. Discussion on Transportation Advisory Committee FY2020 Work Plan

The committee reviewed the FY 2020 draft work plan. Committee members will review the draft and vote on it at the next committee meeting.

## 6. Announcements

A. Schedule future meeting – November 14, 2019

## 7. Adjournment

The meeting adjourned at 8:17 p.m.

**MOTION: Move to adjourn.**

**RESULT: Approved Unanimously (5-0)**

**MOVER: Vice Chair Robert Estler**

**SECONDER: Bob Adelfson**

**Prepared By: Laura Catanese, Sr. Administrative Assistant**

**Passed and Approved on: February 13, 2020**

  
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**Spencer Hale, Chairman**

