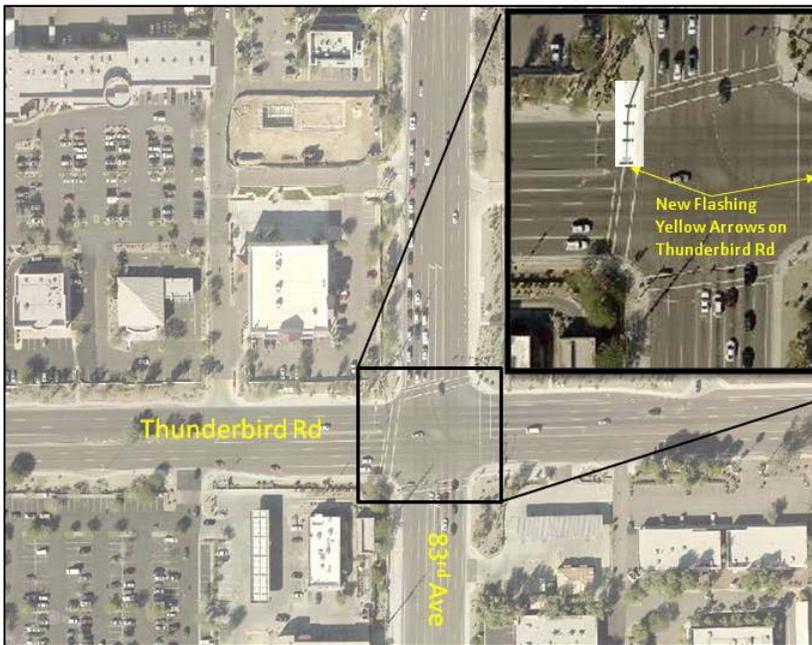


Development & Engineering



83RD & T-BIRD SIGNAL CHANGES COMING IN MAY

The Development and Engineering Department in January completed a traffic study of Thunderbird Road between Loop 101 and 83rd Avenue. Based on the recommendations of this study, staff is moving forward with a two-phase approach for mitigating traffic along this busy corridor.

During the first phase, crews will install modifications to the traffic signal at the intersection of 83rd Avenue and Thunderbird Road. The signal modifications, expected to be complete by the end of May, are designed to enable the signal to operate differently depending on the time of day.

- Flashing yellow arrows will be installed for the eastbound and westbound left turns on Thunderbird Road
- The eastbound left turn will be programmed to give a green arrow at the beginning and the end of each cycle during peak traffic conditions. This is known as “double servicing.”
- The westbound left turn will be programmed to give a green arrow only during peak traffic conditions. During the off-peak traffic, the left turn will have a green arrow followed by a flashing yellow arrow.

Additional improvements along Thunderbird Road will be considered as part of the second phase of the project, which is now in design. Potential improvements include extending left turn storage lengths, extending the eastbound through lane east of 83rd Avenue, and striping modifications to allow other capacity improvements.

Construction of the second phase is expected to begin in the spring or summer of 2018. The city will work with the contractor to minimize the impact of construction on rush-hour traffic and area businesses.

STATISTICAL INDICATORS

Capital Improvement Program

Active Design Projects: 9
 Active Design Costs: \$6,495,061
 Active Construction Projects: 9
 Active Construction Costs: \$19,720,074

Site Development

Civil Reviews Completed

Apr 16	Apr 17
65	216

Average Turnaround Time

Apr 16	Apr 17
15.12	11.80

Active Design Projects

Apr 16	Apr 17
161	109

Active Construction Projects

Apr 16	Apr 17
172	87

Building Development

New Commercial Permits

Apr 16	Apr 17
1	2

Tenant Improvement Permits

Apr 16	Apr 17
9	7

Total Commercial Permits

Apr 16	Apr 17
34	54

New Single Family Permits

Apr 16	Apr 17
114	145

Total Residential Permits

Apr 16	Apr 17
412	562

Commercial Plan Reviews

Apr 16	Apr 17
46	81

Residential Plan Reviews

Apr 16	Apr 17
296	525

Rollover Inspections

Apr 16	Apr 17
511	7