

# ENGINEERING DEPARTMENT



### Lake Pleasant Town Center Traffic Control

Each year the City funds the Traffic Signal Program with the intent of improving the safety, capacity, and efficiency of the existing transportation system. This year a number of projects were funded through this reoccurring program including a new signal at the Lake Pleasant Town Center on Happy Valley Road, just west of Lake Pleasant Parkway.

This project was in response to ongoing complaints about the difficulty motorists were experiencing turning into and out of the driveway. Most of the complaints centered on the volume of traffic, the speeds of the oncoming traffic, and the visibility of the approaching traffic. These factors, in conjunction with an existing grade change result in many users being uncomfortable pulling into traffic. A signal was proposed to enhance the overall safety for both the shoppers at the Town Center as well as the traveling public on Happy Valley Road.

After a traffic study was performed, a local design firm was hired to prepare a design for the new signal. Typically, a project of this size requires a design that takes into account all the existing traffic rules while ensuring overall function can be maintained. All work was performed on City-owned land, no adverse environmental impacts were made, and all existing utilities were identified and either moved or avoided.

One new element that was added is the flashing yellow arrow. This arrow is intended to alert drivers that they are permitted to turn left, but that they need to exercise caution due to oncoming traffic. Although this is not the first location that the City has used the flashing yellow arrow, it was decided to use it here to allow a permissive movement while adding increased awareness to the drivers wishing to turn left.

For further questions, please call the Engineering Department at 602-773-7212.

## STATISTICAL INDICATORS

March 2014

### Active Design Projects

6

### Active Design Costs

\$962,038

### Active Construction Projects

5

### Active Construction Costs

\$61,347,929

### Engineering Chargebacks

General Fund - \$109,410

HURF Fund - \$2,070