

## **Pinal County Public Works Department - Traffic Engineering**

### **Frequently Asked Questions Regarding Traffic Engineering Issues**

#### **What is Traffic Engineering?**

Traffic Engineering is a branch of engineering that deals with moving people and goods safely and efficiently. In Pinal County, this includes planning, designing, constructing, maintaining, and operating roads. Traffic operations includes the use of traffic control devices (e.g., traffic signals, traffic signs, pavement markings, etc.) along, in, and above the roads.

#### **What are traffic control devices?**

Traffic control devices include traffic signals, traffic signs, and pavement markings. In Pinal County, traffic control devices are installed in accordance with the Manual on Uniform Traffic Control Devices (MUTCD, Federal Highway Administration) and Arizona Supplement to the MUTCD (Arizona Department of Transportation). The purpose of traffic control devices is to promote the consistent movement of transportation road users (e.g., motorists, bicyclists, pedestrians, etc.), so they travel in a safe and efficient manner.

#### **How do I get traffic control signals installed?**

To request traffic control signals for roads under the jurisdiction of Pinal County, go to the Pinal County Traffic Engineering Web Site and complete the “Report a Traffic Engineering Issue” form. County staff will investigate the issue using Federal, State, and County criteria to determine if it is appropriate to install traffic control signals at the requested location. Factors considered when investigating the location for potential traffic control signals include, traffic volumes, pedestrian volumes, school crossings, coordinated traffic signal systems, crash experience, road network, and at grade railroad crossings.

### **How do I get traffic signs installed?**

To request traffic signs for roads under the jurisdiction of Pinal County, go to the Pinal County Traffic Engineering Website and complete the “Report a Traffic Engineering Issue” form. County staff will investigate using Federal, State, and County criteria to determine if it is appropriate to install traffic signs at the requested location.

### **How do I get speed humps installed?**

To request speed humps for roads under the jurisdiction of Pinal County, go to the Pinal County Traffic Engineering Website and complete the “Report a Traffic Engineering Issue” form. Speed humps will be considered for installation only when a location meets all of the warranting criteria; examples of the warranting criteria include the following:

- The speed hump must be located on a paved, residential street (alleys are not eligible).
- The road should have vertical curbs or roll curb.
- The posted speed limit shall be 25 MPH or less.
- The speed hump shall not be located within 200 feet of a stop sign or traffic signal.
- Roads must have a normal crown with drainage along the side of the street.
- Drainage shall not be compromised due to the speed humps.
- The road shall not be designated as a collector or arterial road.

If the above warrants are satisfied, then, County staff will meet with the person making request to review the road and assist with preparing a petition. The petition must be signed by 70% of the affected residents and 100% of the residents that have a proposed speed hump adjacent to their property. Additional information regarding speed humps is located on the Pinal County Public Works Department Traffic Engineering website.