

COUNCIL DECISION REQUEST

MEETING DATE: 10-19-06

CSP ITEM: Yes No KRA#

ITEM NO.:

TENTATIVE SCHEDULE: N/A

SUBMITTED BY: LaRon G. Garrett 

AMOUNT BUDGETED: \$ 0

SUBMITTAL TO AGENDA
APPROVED BY TOWN MANAGER

EXPENDITURE REQUIRED: \$ 0

CONT. FUNDING REQUIRED: \$ 0



EXHIBITS (If Applicable, To Be Attached): Speed Hump Policy

RECOMMENDED MOTION

I move to approve the Town of Payson Speed Hump Policy and direct staff to implement said policy.

SUMMARY OF THE BASIS FOR RECOMMENDED MOTION:

In May of this year the staff asked for Council direction on the preparation of a Speed Hump Policy. The Council direction at that time was to expand the proposed Speed Hump Policy into a complete Town Traffic Calming Policy. Traffic calming includes a myriad of items beyond speed humps such as street widths, signage, landscaping, traffic islands, chicanes, speed limits, curb return radii, intersection geometry, on-street parking, legal enforcement, etc. Some of these items are fairly easy to deal with and some are very complex. Currently the street widths are based on the subdivision code. The subdivision code is in the revision process. Those revisions should be complete and adopted in a couple of months. At that time the street width section of the Traffic Calming Policy can be completed. We are also waiting for word back on whether the Police Dept. was successful in getting a photo radar grant. The photo radar is part of the legal enforcement section of the Traffic Calming Policy.

Staff has received requests to accelerate the Speed Hump section of the Traffic Calming Policy. That way we can begin evaluating and possibly using speed humps prior to the completion of the overall policy. Therefore, attached for your review and approval is the proposed Town of Payson Speed Hump Policy.

Speed humps have been used in several other municipalities to successfully control excessive vehicle speeds. However, they are not without their issues. The proposed policy addresses the issues involved with installing speed humps and provides a process for the general public to request an installation.

Originally speed humps were constructed out of asphalt and made a part of the roadway pavement. This type of speed hump extends completely across the road and costs approximately \$4,000 to construct. The ones in Rumsey Park are this type of speed hump. (The speed humps in Rumsey Park are designed for 15MPH.) There are other types of speed humps now available. They are normally made of rubber (recycled tires) and are anchored to the asphalt. Some of the rubber speed humps extend across the entire roadway and some only cover a portion of the roadway. On October 4th a representative from Centerline Supply West that sells the rubber type speed humps brought one to Payson for a demonstration. We placed it in the Town Hall parking lot and had various drivers go over the speed hump and give us their opinion. One of the drivers to test out the speed hump was Councilman Vogel. The speed humps made it uncomfortable to travel at speeds over 25 MPH. The speed humps that only cover a portion of the roadway are designed to affect normal residential traffic but have less affect on larger vehicles such as fire trucks. These rubber speed humps are

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the style the Town of Gilbert is installing. If this policy is approved, it is staff's recommendation to use the rubber style speed humps. The cost of the recycled rubber speed humps is comparable to an asphalt one.

PROS: Having a policy in place will allow the Town staff to administer the installation of speed humps in a fair, logical and uniform manner as they are requested

CONS: Installation of speed humps can reduce response times for emergency service vehicles. Speed Humps can also increase neighborhood noise. Also, they encourage drivers to use alternate routes which may create additional problems.

PUBLIC INPUT (if any): N/A

BOARD/COMMITTEE/COMMISSION ACTIONS/RECOMMENDATIONS (if any) (give dates and attach minutes): N/A

TOWN OF PAYSON SPEED HUMP POLICY

1.0 General Policy Statement

This speed hump policy identifies criteria to be used in determining when installation of a speed hump is warranted. This policy also outlines the mandatory neighborhood support needed for approving installation and cost responsibilities associated with speed humps.

2.0 Engineering Study

An engineering study shall be conducted prior to installation of speed humps to document safety or traffic concerns and to determine if installation of speed humps is in conformance with this policy.

3.0 Speed Hump Warranting Criteria

At least 2 speed humps should be installed in any location with a spacing between the speed humps of 450 to 550 feet. Installation of speed humps may be considered for a location that meet all of the following criteria:

1. The location is on a paved local residential street.
2. The speed limit at the requested location is 30 mph or lower.
3. The 85th percentile speed of the traffic is 4 mph or more above the posted speed limit.
4. There is a vertical curb or other man-made barriers to prohibit traffic from driving off the roadway to avoid the speed hump.
5. The longitudinal slope of the street is 5% or less.
6. There are at least 6 residences within 660 feet along the street.
7. There is at least 660 linear feet of street available in which to construct the speed humps.
8. The paved surface of the roadway (face of curb to face of curb) is less than 40 feet.

3.1 Speed Hump Prohibitions

Speed Humps are prohibited in the following locations:

1. On streets designated as Arterial Routes or Collector Routes.
2. On streets regularly used by busses or emergency vehicles.

3. Within 200 feet of a controlled intersection.
4. Within 200 feet of a sharp curve or on longitudinal grades greater than 5%.
5. On dirt or chip sealed streets.
6. On inverted crown streets.
7. Within 500 feet of another speed hump
8. Over water valve boxes, man holes, other utility access points.

4.0 Speed Hump Process

If residents are interested in having a speed hump installed in their neighborhood, they should complete the following steps:

1. A neighborhood representative contacts the Town of Payson Engineering Department to formally request a speed hump in their area. A written request form is available from the Town.
2. Town staff will review the request form and determine if the location requested meets the requirements of Section 3 of this policy. If the Town does not have a speed survey completed in the vicinity of the requested speed hump within the last 90 days, staff will perform a speed survey at the requested location to determine if Paragraph 3.0.3 is complied with.
3. If all criteria for a speed hump is met, Staff will meet with the neighborhood representative(s) to determine the exact location of the speed humps and to determine the area affected by the speed humps.
4. After determining the affected area, staff will prepare a petition to be circulated to determine the amount of neighborhood support for the speed humps. Staff shall also prepare a drawing that shows the proposed location of the speed humps to accompany the petition.
5. After obtaining appropriate signatures from the neighbors in accordance with Section 5 and paying the appropriate fees in accordance with Section 6, the Town will proceed with installation of the speed humps.

5.0 Neighborhood Support

Once a location has passed the warranting criteria and favorable conditions exist, the installation must then follow a neighborhood acceptance procedure. This is to assure that a majority of the property owners affected by the speed humps will support the installation.

1. The neighborhood representative(s) will contact other members of the neighborhood to determine acceptance of the speed humps.
2. The representative(s) circulating the petitions must be property owners of the affected area as determined in Section 4.0.4.
3. At least 70% of the property owners in the affected area must demonstrate approval of the speed humps. Property owners who do not respond or who respond with "No Opinion" are considered opposed to the installation of the speed humps.
4. All property owners within 100 feet of any proposed speed hump must approve the installation.
5. The representative(s) have 6 months to obtain the signatures on the petitions from the affected property owners. Any petitions submitted to the Town after the 6 month deadline will be rejected.
6. If, during the petitioning, residents wish to change the location of one or more speed humps, or add speed humps to the proposal, they must notify Town staff. Staff will prepare new petitions showing the new proposal, and residents must discard all previous petitions, signed or unsigned.
7. The Town cannot proceed with the installation of the speed humps without the neighborhood support as described above.

6.0 Speed Hump Costs

The cost of installing the speed humps will be paid by the property owners in the affected area (See Section 4.0.3), or it may be a cost share between the Town of Payson and the affected property owners. The determination of the portion of the cost each shall pay is as follows:

MPH the 85 th Percentile Speed is over the Speed Limit	Percent of Speed Hump Cost Paid by the Affected Property Owners	Percent of Speed Hump Cost Paid by the Town of Payson
4-6	100%	0
6.1-12	67%	33%
12.1-18	50%	50%
Over 18	0%	100%

The cost of the speed hump shall be the actual amount the Town pays for the construction. The current estimated cost is \$3,500 to \$4,500 per speed hump.

1. It is the responsibility of the property owners in the affected area to determine the actual cost to each individual property owner.
2. The Town cannot proceed with the installation of the speed humps without prior payment of the property owners share of the cost.

7.0 Removal of Speed Humps

No speed hump will be removed for at least one year after installation. If the neighborhood desires removal after that time, they may request a petition for removal from the Town. The Town of Payson will remove speed humps based on the following criteria:

1. The speed humps have been in place at least one year.
2. All affected properties, which were previously identified in the installation process, shall be involved in removal process.
3. A simple majority of the affected property owners must request removal. Property owners who do not respond or who respond with "No Opinion" are considered opposed to the removal.
4. The neighborhood is responsible for the cost of the removal. A cost to remove the speed hump will be determined prior to circulating a petition. Funds for the removal shall be paid to the Town before proceeding with the physical removal.
5. Once speed hump(s) are removed from a location under this process, that location cannot be reconsidered for speed hump installation for a period of three years from the date of removal.

SPEED HUMP REQUEST

Requested Location for a Speed Hump: _____
Address and Street Name

Is this request being made by an individual or a group: _____

Describe why you believe a speed hump would be appropriate in this location: _____

DRAFT

Contact Information: _____
Name (Please Print)

Address

Phone

Signed Date

SPEED HUMP REQUEST
EVALUATION FORM

Requested Speed Hump Location: _____ Date: _____

Is this on a paved local residential street? YES NO

Is the posted speed limit 30MPH or less? YES NO

What is the 85 percentile speed at this location? _____ Date: _____

Is the 85 percentile speed more 4 mph or more above the speed limit? YES NO

Is there vertical curb in this section of the roadway? YES NO

Is the longitudinal slope of the street greater than 5% in this area? YES NO

Are there at least 6 residences within 660 feet along the street? YES NO

Is there a straight section of roadway at least 660 feet long? YES NO

Is the street width less than 40 feet? YES NO

Is this request on a Collector or Arterial Street? YES NO

Is this route used regularly by busses or emergency vehicles? YES NO

Is the requested location within 200 feet of a controlled intersection? YES NO

Is the requested location within 200 feet of a sharp curve? YES NO

Does the street have an inverted crown? YES NO

Is there another speed hump within 500 feet? YES NO

Can a speed hump be located here without covering water valves, manholes or other utility access points? YES NO

Does this location meet the general criteria for a speed hump? YES NO

If not, why? _____

If yes, person petition(s) were given to and date: _____

PETITION FOR A SPEED HUMP

We the undersigned, representing property owners in the affected area, hereby request that the Town of Payson install speed humps at the locations shown on the attached map. We understand that as property owners we will pay _____% of the cost to install the speed humps per the Towns Speed Hump Policy Section 6.0 prior to the installation.

Name of Neighborhood Contact: _____ Phone: _____

Address: _____

	Signature (One per Household)	Address	Phone
1			
2			
3			
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5			
6	DRAFT		
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