CITY OF HOT SPRINGS
Policy for Neighborhood Speed Humps

1. Purpose

Speeding and unsafe driving practices on residential streets are a concern to the City of Hot Springs residents. Excessive speeds jeopardize both safety and livability in the neighborhoods. This policy provides for the installation of speed humps to calm traffic along neighborhood streets. Speed humps will be designed to meet the needs of a particular situation, and the actual features, spacing, layout and other elements of the overall design will be determined by the particular circumstances of the case under consideration.

Of the various traffic devices used by municipalities to reduce speeds in residential areas, speed humps appear to be the most promising; they are self-enforcing, comparatively inexpensive, and effective in reducing speeds and cut through traffic. This policy is designed to provide reasonable opportunities for the installation of speed humps on specified types of residential streets based upon technical criteria, the degree of support from the residents along the proposed street, and the street conditions.

II. Eligibility Requirements for the Installation of Speed Humps

For a street to be considered for speed hump installation in the City of Hot Springs, the proposed street must meet the following technical guidelines:

A. The proposed street must not be classified as an arterial street as specified in the most recent edition of the City of Hot Springs Street Specifications Ordinance

B. The proposed street should have no more than two traveling lanes, one in each direction, and not greater than 42 feet in width;

C. Traffic volumes on the proposed street must be more than 500 vehicles per day (vpd), but less than 1,500 vehicles per day (vpd);

D. The proposed street shall have a posted or prima facie speed limit of 35 mph or less as determined in accordance with state law;

E. Street grades shall be eight percent (8%) or less approaching the hump;

F. The 85th percentile speed of the traveling traffic on the proposed street must be equal to or greater than 10 mph over the posted or prima facie speed limit and a minimum 85% percentile of 30mph. The 85% percentile speed means the speed at or below which 85% of the vehicles are traveling, as determined by a speed study;

G. The street must not be an identified primary route for emergency response by local Police, Fire or EMS services; and

H. If approved, the location guidelines as specified in Section 6 hereof could be met.

III. **Application Procedure**

A. Application for Speed Humps

Individual residents or Neighborhood Associations (hereinafter referred to as applicant) can initiate requests for the installation of a speed hump along their street (Attachment 1). The request must be submitted in writing, including at least five (5) additional signatures (one per residence) of residents along the proposed street. To receive an application, please contact the following:

City of Hot Springs
Public Works Director
P.O. Box 700
Hot Springs, AR 71902
501-321-6778

B. Speed Hump Evaluation Plan

After an application for speed humps has been received, the City will initiate the following speed hump evaluation plan.

1. Engineering will review application for the eligibility requirements. Requestors will be notified in writing if eligibility requirements are not met.

2. Eligible applications will be submitted to the Public Safety Committee for a recommendation to the Board of Directors.

3. Upon Board approval a speed hump will be installed in accordance with Design Standards and Location Procedures.

IV. **Design Standards and Location Procedures**

A. Speed Hump Design Standards

Attachment 3 illustrates the speed hump design to be used by the City of Hot Springs.

1. Construction Details

   a. Speed hump profile shall be parabolic or flat-topped raised pavement with 12' in length by 3" to 3 112" in height.

   b. The speed humps shall be installed across the entire roadway to the lip of the gutter with the last one foot tapered flush with the pavement to minimize gutter running and to preserve drainage flows.

c. Devices may be installed to prevent vehicles from traveling around the speed hump.

B. Positioning Speed Humps

The City of Hot Springs will determine the final location of all speed humps in accordance with these guidelines and safe traffic engineering principles.

1. Speed humps shall be placed from 50 to 200 feet away from intersections, stop signs or tight turns.

2. Speed humps shall be spaced from 200 to 400 feet apart to adequately manage speeds along the street.

3. The final positioning of the device shall take into consideration the following which should be field verified prior to installation:

   a. Speed humps shall not be installed in front of driveways. They should be at least 5 to 10 feet away from driveways.

   b. Speed humps shall not be installed over, or contain, manholes, water valves or be located adjacent to fire hydrants.

   c. Speed humps located near drainage inlets shall be installed downstream of storm drain inlet.

   d. Speed humps should be located near street lights to illuminate them at night. Installation of humps should take advantage of existing or planned street lighting.

   e. The City of Hot Springs may restrict parking within 50 feet of the speed hump (on the approach sides) if deemed necessary.

   f. The speed humps shall not be located in horizontal or vertical curves where visibility of the speed hump is limited, nor on approaches to these curves.

   g. Speed humps shall not be installed within 300 feet of a traffic signal, stop sign or yield sign or within 75 feet of an uncontrolled intersection.

C. Pavement Markings

1. One foot wide diagonal markings shall be painted on each hump at 6 feet on center. These stripes increase the visual impact of the speed hump by increasing motorist awareness. (Attachment 3)

D. Warning Signs (Attachment 4)

1. A temporary warning sign with flashing lights shall be installed when the speed hump is installed, and remain in place until all permanent signs and markings are installed. Permanent signs and markings shall be installed within two (2) weeks after installation of the speed hump.

2. A permanent 30' warning sign stating "Speed Hump" shall be installed to notify motorists of the speed hump.

3. Speed advisory signs stating the recommended speed limit (20 mph) shall be installed beneath the speed hump warning sign.

4. Location of warning signs shall be determined by the Public Safety Committee.

VI. Cost Responsibility

The City of Hot Springs will bear the responsibility of the cost for speed hump installation, including humps, signs, pavement markings, and if necessary, special design features such as delineators.

VII. Speed **hump** Removal Criteria

Speed humps will be removed only when all the following criteria have been met:

A. The residents must apply for the removal of speed humps using the request form in Attachment 2.

B. The speed humps must have been in place for an adequate review period (typically twelve months) before considered for removal.

C. The same criteria for installing speed humps will be followed for the removal of speed humps.

Attachment 1

CITY OF HOT SPRINGS

Application for Speed Humps/Speed Limit Reduction

An individual may request for the City of Hot Springs to install a speed hump or reduce speed limit along their neighborhood street. The request must be submitted in writing, including at least five (5) additional signatures (one per residence) of residents located along the proposed street.

Address of Proposed Location: _____

Description of Problem: _____

Name of Applicant: _____

Address: _____

Phone Numbers: _____ _____

(Home) (Work)

Please provide at least five (5) additional signatures from residents along the proposed street. These signatures must be from a household, business, school, etc. located along the proposed street.

	Name	Address	Phone Numbers	Signature
1.				
2.				
3.				
4.				
5.				

Please forward this completed application to:

City of Hot Springs
Public Works Director
P.O. Box 700
Hot Springs, AR 71902
501-321-6778

Please review the policy for neighborhood speed humps. Contact the Public Works Department to obtain a copy of the policy.

Attachment 2

CITY OF HOT SPRINGS

Application for Removal of Speed Humps

An individual may request for the City of Hot Springs to remove a speed hump along their neighborhood street. The request must be submitted in writing, including at least five (5) additional signatures (one per residence) of residents located along the street.

Name of Street: _____

Description of Problem: _____

Name of Applicant: _____

Address: _____

Phone Numbers: _____ _____

(Home) (Work)

Please provide at least five (5) additional signatures from residents along the street. These signatures must be from a household, business, school, etc. located along the street.

	Name	Address	Phone Numbers	Signature
1.				
2.				
3.				
4.				
5.				

Please forward this completed application to:

City of Hot Springs
Public Works Director
P.O. Box 700
Hot Springs, AR 71902
501-321-6778

Please review the policy for removal of neighborhood speed humps. Contact the Public Works Department to obtain a copy of the policy.