



CITY OF SAN ANGELO

Speed Hump Program

72 W. College Ave. San Angelo, TX 76903

Phone (325) 657-4203 Fax (325)655-6397

General Description

The speed hump is a gentle rise and fall of pavement surface placed in the roadway to reduce the speed of vehicles. Speed humps have proven to be successful in reducing speed while allowing safe operation of the vehicle.

The following is a summary of the process for speed hump application and installation.

Step One: Request for Study

A request can be made by either a neighborhood or business association, by a single resident or a group of residents, or by a business located on the street requesting speed humps. Each request must include a name, address and phone number of a resident from the requested street who agrees to be the contact person. The contact person will receive all correspondence and be responsible for gathering evidence of support. Each contact person must acknowledge designation by signing the request. Written requests should be submitted to the City Engineer at the above address. An application form can be obtained from the City Engineer. A request may not automatically be withdrawn from consideration once a traffic study determines the street to be eligible for speed humps.

The request must be for a specific street segment and should include at least the following information:

- The requested street name
- The boundary of the street segment
- Name of contact person
- Address of contact person
- Daytime phone number of contact person
- Signature of contact person
- Provide payment for 24 hour data collection in one location \$100 or \$200 if two locations are deemed necessary. Only certified checks, cashier's checks, or money orders made payable to the City of San Angelo will be accepted.

Do not submit petitions or other evidence of support with your request. Petitions or letters of support gathered prior to the eligibility determinations without the preliminary placement maps will not be accepted. Requests will be evaluated on a biannual schedule (page A-4), however the schedule and process do not preclude the City Engineer from installing warranted speed humps when and where it is deemed necessary outside the procedures of this program.

Appendix A

Step Two: Eligibility

In order for a request to qualify for consideration, the street must meet criteria set by the City Engineer. It is the responsibility of the City Engineer to conduct traffic studies to determine if the street segment meets the following criteria:

- The street may not be classified as an Arterial or a Collector.
- The street may not be a designated Primary Emergency Response Route.
- The street may not be designated as a bus route.
- There must be no more than one moving lane of traffic in each direction.
- The street must have a speed limit of 30 mph or less.
- The street must be paved prior to construction of the speed humps.
- The sum of traffic volumes for both directions must be less than 5,000 vehicles per day and more than 500 vehicles per day.
- The measured 85th percentile speed must exceed the prima facie speed limit by 10 miles per hour or more in a 24-hour study **OR** there must be five or more reported speed related accidents within the street segment during the last twelve months of recorded data.

Other factors such as, but not limited to, alignments, grades and sight distances may also be evaluated.

Only those requests meeting all the eligibility requirements will proceed. If a request is denied, applicants will not be able to reapply to the speed hump program for the following two years unless there is considerable change in conditions.

All traffic counts will be scheduled during regular commuter periods unless a specific weekend problem is noted in the request.

Step Three: Level of Support

If the City Engineer determines the street to be eligible, the City Engineer will provide preliminary placement maps to the contact person. The contact person is encouraged to gather and present support from the community in the form of petitions from residents, landowners or businesses facing or having lot frontage on the street segment on which a speed hump is proposed to be located.

Petitions or letters of support gathered prior to the eligibility determinations without the preliminary placement maps will not be considered.

Appendix A

Step Four: Speed Hump Location

It is the responsibility of the City Engineer to determine the final location of all speed humps in accordance with current engineering principles, however:

- Speed humps will usually be placed between 300 feet to 500 feet apart.
- A speed hump shall not be located in front of a driveway or within an intersection.
- Speed humps should not be located within 200 feet of a traffic signal or STOP sign, or within 50 feet of an uncontrolled intersection.

Step Five: Prioritization

The City Engineer will prioritize requests according to the following ranking criteria:

- Average Daily Traffic
- Speeding
- Automobile Accident
- Auto/Pedestrian or Auto/Bicycle Accident
- Community Development
- Institution
- Absence of Sidewalks
- Diversion

Step Six: Funding

An annual budget will be established for construction of approved projects. Projects will be scheduled for construction by priority ranking as funding permits within the established budget.

Projects may be completed, out of ranking order, if alternative funds become available or if complementing maintenance and/or capital improvement projects are initiated during the year.

Approved projects that do not receive funding in the current year will be automatically considered for 2 additional years. All projects will be re-prioritized by ranking on a biannual basis.

An eligible project may be expedited if the applicants choose to pay for 100% of the estimated cost of the installation. Expedited projects will be constructed no later than the next fiscal year following deposit of funding.

Appendix A

Speed Hump Program Schedule

Process Step	Round "A"	Round "B"
Deadline for request submission	April 1	October 1
Planning and eligibility determinations completed by City Engineer, Preliminary placement maps and petition forms prepared by City Engineer	June 1	December 1
Final date to submit evidence of support	August 1	February 1
Ranking of eligible requests for City funding	September 1	March 1
Construction begins on approved projects	October	April



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For policy Effective November 20, 2007

Request for Speed Hump Study

The following is a request for a speed hump study. Please feel free to submit this form as a formal request. Each request must contain the completed information as indicated in both Part A and Part B. The request will be processed according to the procedures detailed in the Speed Hump Program Policies and Procedures.

A. Street Study Information

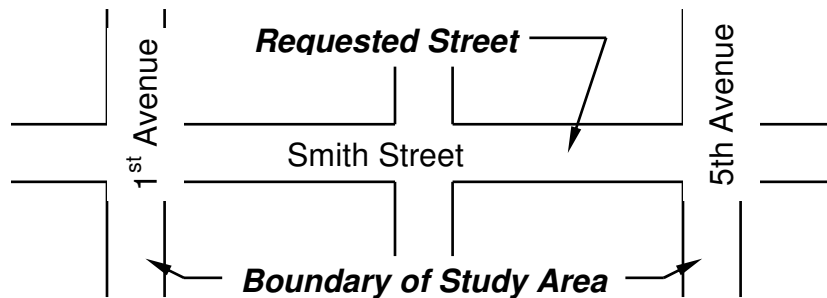
Each request must provide the name of the street on which a study is requested, and the boundaries of the street segment. Traffic studies will be conducted only within the boundaries indicated. Please use streets for boundary limits, not block ranges.

Requested Street:

From:

To:

Example



Requested Street: Smith St.

From: 1st Ave.

To: 5th Ave.

B. Contact Person Information

Each request must provide a contact person who lives on the requested street within the study area boundary. The contact person will receive all correspondence and be responsible for gathering evidence of support when requested. The request must be submitted with \$100 for 24hr data collection costs, \$200 if two counts are required.

Name:

Address:

City:

ZIP Code:

Ph. #:

I agree to be the contact person for the above request. I understand that a request may not automatically be withdrawn from consideration once a traffic study determines the street to be eligible for speed humps.

Signature of Applicant:

Date:

Appendix B

DEFINITIONS

City Engineer: the City Engineer or designated representatives.

Institution: a park or school that could reasonably be anticipated to generate volumes of pedestrian traffic.

Arterial or Collector: any street designated respectively as a Arterial or Collector on the City's Master Thoroughfare Plan.

Primary Emergency Response Route: any street segment designated by San Angelo Police Department or San Angelo Fire Department as an emergency access route.

Residential: any single family residence, townhouse, duplex, triplex, quadruplex, condominium, or apartment complex or any other structures used as dwelling units.

Speed Hump: a geometric design feature of a roadway, consisting of a raised area in the roadway pavement surface extending transversely across the travel way, whose primary purpose is to reduce the speed of vehicles traveling along that roadway. The base of the hump varies in wide and gradually slopes to a maximum height of approximately 3 to 4 inches.

Speed Criteria: the speed which is 10 miles per hour (mph) over the posted or prima facie speed limit for a given street.

85th percentile speed: the measured speed at or below which 85% of vehicles are traveling.

Appendix C

**SPEED HUMP INSTALLATION
NOTIFICATION / EVIDENCE OF SUPPORT PETITION**

We, the undersigned homeowners of _____ Subdivision, located _____ request that the City of San Angelo install speed humps in our subdivision, at locations approved by the City Engineer. We understand that this petition only represents our desire for speed humps and does not warrant or guarantee their installation. It is further understood that all in the affected area as defined by the City Engineer must complete this form, by affixing their address, whether renter or owner, name, signature, and whether support installation or not on the list below. All submitted names are subject to verification.

Speed humps will more than likely cause: modifications in traffic speeds and volumes; increased levels of noise at the hump locations; aesthetic changes to the subdivision streets due to the speed humps, and the associated signs and pavement markings; and impacts on street maintenance and emergency vehicle response times.

Please list only one signature per residence/property owner.

Address	Renter or Owner	Name (Printed)	Signature	Support Installing?	
				Yes	No

Appendix C

Notification / Evidence of Support Petition

Please list only one signature per residence/property owner.

Address	Renter or Owner	Name (Printed)	Signature	Support Installing?	
				Yes	No

DO NOT SIGN this PETITION if you have NOT READ the front page of this PETITION.

Please do not use any other form. This sheet may be reproduced if necessary.