



Chambers County Engineering Department

201 Airport Rd

Anahuac, Texas 77514

---

---

## CHAMBERS COUNTY SPEED HUMP POLICY

The following is a request form for speed humps. Requests can be made by either a neighborhood or a group of residents located on the street requesting speed humps. A designated contact person will receive all correspondence and be responsible for gathering evidence of support. This form must be submitted with a formal request by letter from the homeowners' association (HOA) representative (or property owners' representative) along a public street to Chambers County Engineering Department. If speed humps are warranted per the requirements set below a public hearing will be held per **Transportation Code 251.152**.

Chambers County does not have a funding program for speed humps at this time, therefore the HOA or property owners are responsible for the cost of installation if speed humps are warranted **unless otherwise authorized by Commissioners Court**. Each request must contain the completed information as indicated in each section. In the case of a petition that fails to meet the requirements of this Policy, property owners must wait two years after the initial request before requesting that Chambers County conducts a new study on the same street(s).

### STEP ONE: REQUEST

#### STREET STUDY INFORMATION

Traffic studies will be conducted only within the boundaries indicated. The request must be for a specific street segment and should include, at a minimum but not limited to, the following information:

- The requested name of the street on which a study is requested
- The boundaries of the street segment.

*The installation of Speed Humps on Streets within the jurisdiction of the Chambers County will be considered only if found warranted by the County.*

*If you have any questions, please call the Engineering Department at 409-267-2708*



Chambers County Engineering Department

201 Airport Rd

Anahuac, Texas 77514

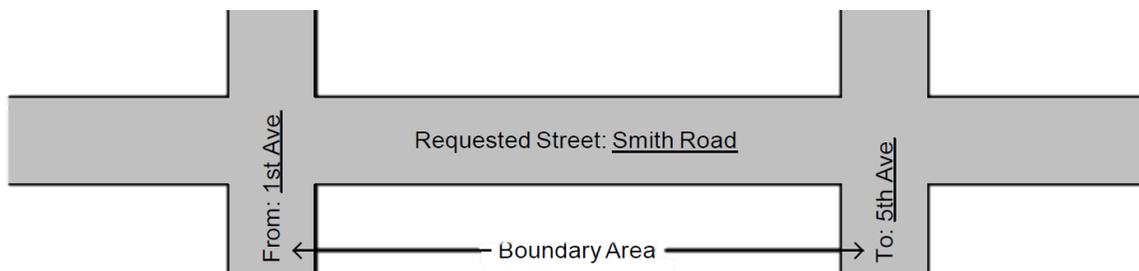
**Requested Street:**

**Boundary Area:**

**From:**

**To:**

**Example:**



#### DESIGNATED CONTACT PERSON INFORMATION

Each request must provide a contact person who represents the HOA, or lives on the requested street within the study boundary area if no HOA exists. The contact person will receive all correspondence and will be responsible for gathering evidence of support.

**Name of Designated Contact Person**

**Address of Designated Contact Person**

**Daytime phone number of Designated Contact Person**

**Email of Designated Contact Person**

**Signature of Designated Contact Person**

*The installation of speed humps on streets within the jurisdiction of Chambers County will be considered only if found warranted by the Engineering Department.*

*If you have any questions, please call the Engineering Department at 409-267-2708*



## STEP TWO: ELIGIBILITY

### ELIGIBILITY

For a request to qualify for consideration, the street must meet criteria set by the Chambers County Engineering Department. It is the responsibility of the County to conduct an evaluation to determine if the street segment meets the following minimum criteria:

- The street segment is a residential street which provides direct access to abutting single family residential properties.
- The street segment is no more than one traveling lane in each direction.
- The street segment may not be designated as an arterial. (As defined, arterials are roads designed to provide a high degree of mobility and generally serve longer vehicle trips to, from, and within areas.)
- The street must have a speed limit of 35 mph or less.
- The street should have curb and gutter. Considerations may be given to streets without curb and gutter. In such cases, special care will be used to accommodate drainage and prevent vehicle run-arounds.
- For curb and gutter the hump should only be placed at the crest of a curve so that street drainage is not changed from original design
- The average daily traffic (ADT) volume for both directions must not exceed 400 vehicles per day on average weekdays.
- The street cannot be in an industrial area, along established truck routes, public transit routes, or established/preferred emergency vehicle access. **International Fire Code (IFC) 503.4.1** states that traffic calming measures placed on fire apparatus access roads “shall be prohibited unless approved by the Fire Marshal.”
- The street grade is less than 5% and the centerline radius is greater than 300 feet.
- The street segment must have a continuous slope and have either a concrete or asphalt surface. In the event that the surface material may differ the roadway surface will need to be upgraded in 200 ft section where speed humps may be warranted.
- The street must be a through street (no cul-de-sacs) with a minimum length of 700 feet which is uninterrupted by other intersections.
- The street segment must be long enough to comply with the minimum placement procedures described in **Step Five**. The measured length must be continuous

*If you have any questions, please call the Engineering Department at 409-267-2708*



---

without interruption by a traffic control device such as stop signs, traffic signals, etc.

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

### **STEP THREE: FUNDING**

#### **FUNDING**

The cost of a speed hump study and installation (including signs, pavement markings, and any necessary special features) can be funded by Commissioners Court or HOA.

In the event funding is provided by the County and a request is made to remove the speed humps at any point all cost incurred by the County (installation, maintenance, and removal) will become the HOA/ Designated Representative responsibility to reimburse the County prior to removal.

County staff will submit a statement to the designated requestor(s) of each approved project indicating the estimated cost when funding isn't provided.

### **STEP FOUR: LEVEL OF SUPPORT**

#### **EVIDENCE OF NEIGHBORHOOD SUPPORT**

If the Chambers County Engineering Department determines the street to be eligible to continue moving forward, the requestor will be required to provide evidence of neighborhood support for the speed humps by securing a petition from the residents and business owners documenting that at least two-thirds of all households and full support from businesses adjacent/abutting the street segment identified in STEP ONE support the installation of speed humps.

WE (PROPERTY OWNER NAME)

UNDERSIGNED OWNERS AND RESIDENTS OF (PROPERTY OWNER ADDRESS)

*HEREBY OFFER OUR SUPPORT FOR SPEED HUMPS LOCATED ON THE REQUESTED STREET AND BOUNDARY AREA IDENTIFIED IN STEP ONE. WE UNDERSTAND THAT THE HOA OR PROPERTY OWNERS ARE RESPONSIBLE FOR THE COST OF INSTALLATION AND STUDY, WHICH RANGE FROM \$11,000 - \$15,000, IF SPEED*

*If you have any questions, please call the Engineering Department at 409-267-2708*



Chambers County Engineering Department

201 Airport Rd

Anahuac, Texas 77514

---

*HUMPS ARE WARRANTED UNLESS OTHERWISE AUTHORIZED BY COMMISSIONERS COURT.*

SIGNATURE

DATE

A verification statement from the Designated contact person confirming that the signatures on the speed hump petition are valid and represent at least two-thirds of the households and full support from the businesses adjacent/abutting to the street segment identified in STEP ONE.

I (DESIGNATED CONTACT PERSON)

THE REPRESENTATIVE FOR (SUBDIVISION NAME/ OR ROADWAY SEGMENT NAME) RESIDENTS

*HEREBY CONFIRM THAT THE SIGNATURES ON THE SPEED HUMP PETITION IN SUPPORT FOR SPEED HUMPS LOCATED ON THE REQUESTED STREET AND BOUNDARY AREA IDENTIFIED IN STEP ONE ARE VALID AND REPRESENT AT LEAST TWO THIRDS OF THE HOUSEHOLDS AND FULL SUPPORT FROM THE BUSINESSES ADJACENT/ABUTTING THE STREET SEGMENT IDENTIFIED IN STEP ONE.*

SIGNATURE

DATE

## **STEP FIVE: SPEED HUMP PLACEMENT**

### **SPEED HUMP PLACEMENT**

It is the responsibility of the County to determine the final location of all speed humps in accordance with the following safe engineering principles.

- 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

*If you have any questions, please call the Engineering Department at 409-267-2708*



- 
- Speed humps shall not be located within 300 feet of a traffic control device or within an intersection
  - Speed humps should not be placed within 10 feet of a driveway and 25 feet to the nearest fire hydrant
  - Speed humps will typically be placed at property lines
  - Speed humps shall not be placed within a curved section of roadway
  - Speed humps shall not be placed over manholes, drainage structures, water meters, or other utility access points and shall only be placed at locations which will not create adverse impact on drainage patterns.
  - A series of two or more speed humps are usually more effective than single hump installations. Any one series of humps should generally not be greater than one-half mile in length and the end of one series should not be immediately adjacent to another series.
  - Speed humps shall be located so that they are clearly visible for at least 200 feet from each approach.
  - Speed Hump specifications are shown in Exhibit A unless otherwise specified by the Engineering Department.
  - Speed Hump Striping and Signage shall comply with the latest edition of the MUTCD.

## **SPEED HUMP REMOVAL**

The process for speed hump removal or alteration by residents is the same as the process for installation. Funding will be required before a speed hump is removed or relocated. If speed humps were installed at County expense it will be the HOA or Designated Property Owner responsibility to reimburse the County for all expenses inquired during installation.

- Speed humps shall not be considered for removal within the first two years of installation. Once eligible to request removal the owners of at least 70% of the properties which are both adjacent to the street(s) where the speed humps are being proposed must approve of their removal by signing the removal petition.
- The complete cost of removal of speed humps shall be borne by those parties signing the petition for removal. Actual removal of existing humps will not take place until approval from Commissioners Court has been received, Public Hearing has been held, and an amount equal to the estimated cost for removal is received by the County from those signing the petition. The cost to remove

*If you have any questions, please call the Engineering Department at 409-267-2708*



---

or relocate the speed humps will include the cost to repair the pavement by milling and overlaying the section of roadway. Estimated Costs will include required signage, striping, and installation.

### **ADDITIONAL INFORMATION TO KEEP IN MIND**

- Studies by the NFA show that many fires double in size every 60 seconds. An aggressive speed hump policy can lead to multiple speed humps between the fire or EMS station and the incident location. Crossing several speed humps will certainly lead to the fire intensifying.
- Houses within 100 FT of the humps need to acknowledge the additional common complaints caused by speed humps.
- Emergency response time is delayed approx. 4.8 seconds from each speed hump.

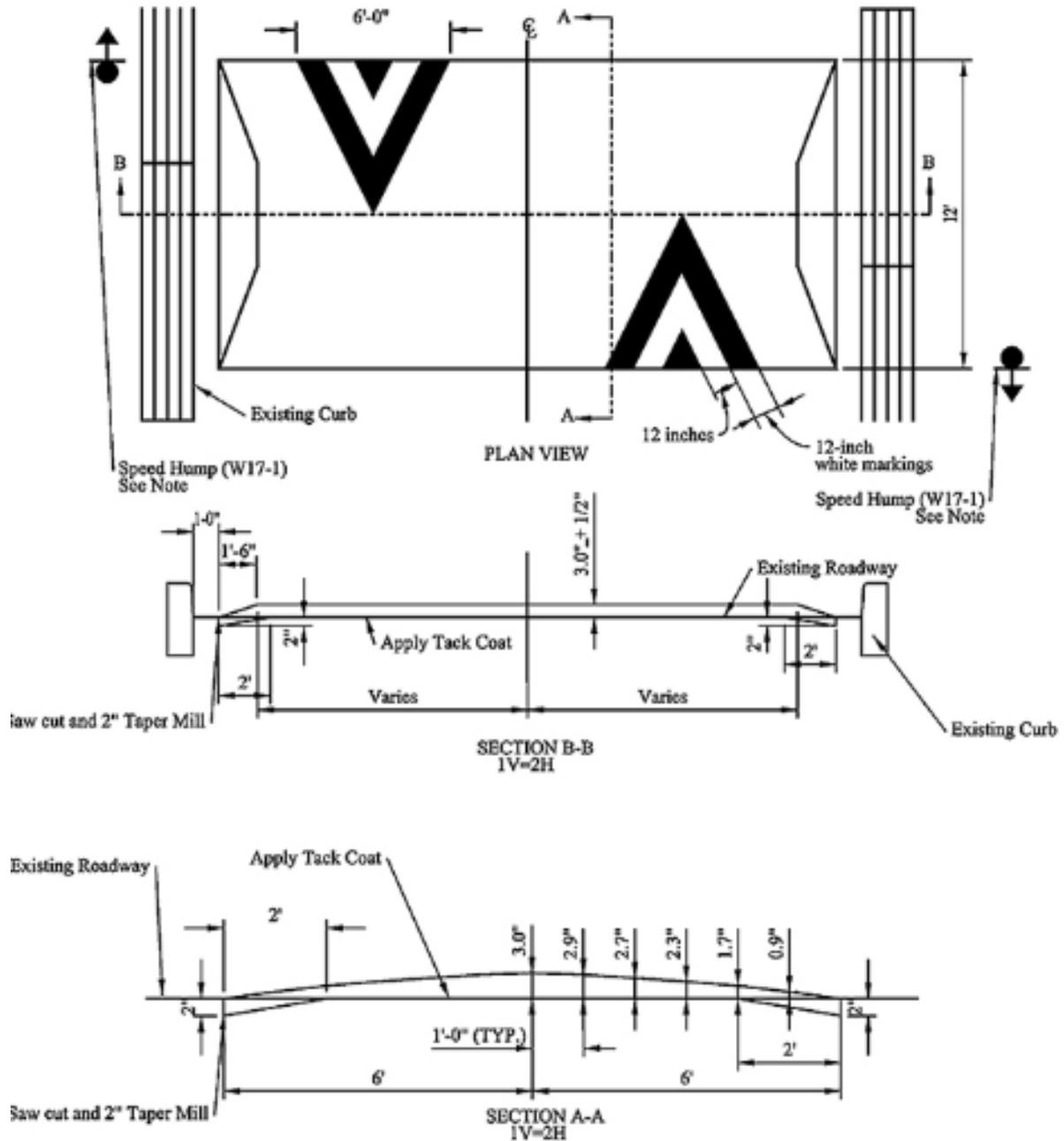
### **REFERENCES**

- [https://highways.dot.gov/safety/speed-management/traffic-calming-eprimer/module-3-part-2#:~:text=A%20speed%20hump%20is%20typically%2012%20feet%20in%20length%20\(in,as%206%20inches%20in%20height.](https://highways.dot.gov/safety/speed-management/traffic-calming-eprimer/module-3-part-2#:~:text=A%20speed%20hump%20is%20typically%2012%20feet%20in%20length%20(in,as%206%20inches%20in%20height.)
- <https://nacto.org/publication/urban-street-design-guide/street-design-elements/vertical-speed-control-elements/speed-hump/>
- [Offset Speed Tables for Reduced Emergency Response Delay \(nacto.org\)](#)
- [Traffic Calming ePrimer - Safety | Federal Highway Administration \(dot.gov\)](#)
- [https://mutcd.fhwa.dot.gov/htm/2009/part3/fig3b\\_29\\_longdesc.htm](https://mutcd.fhwa.dot.gov/htm/2009/part3/fig3b_29_longdesc.htm)

*If you have any questions, please call the Engineering Department at 409-267-2708*

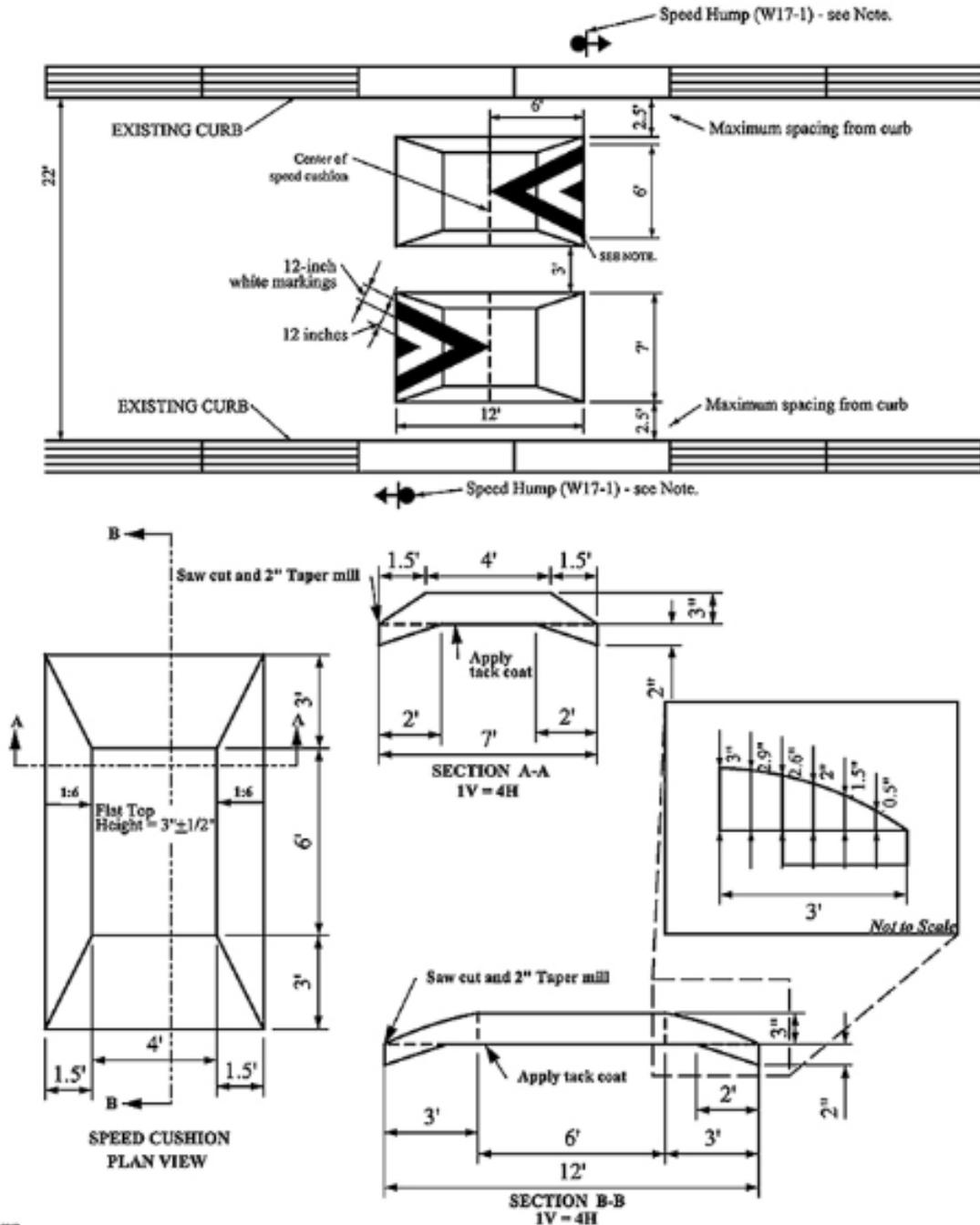


**Exhibit A**



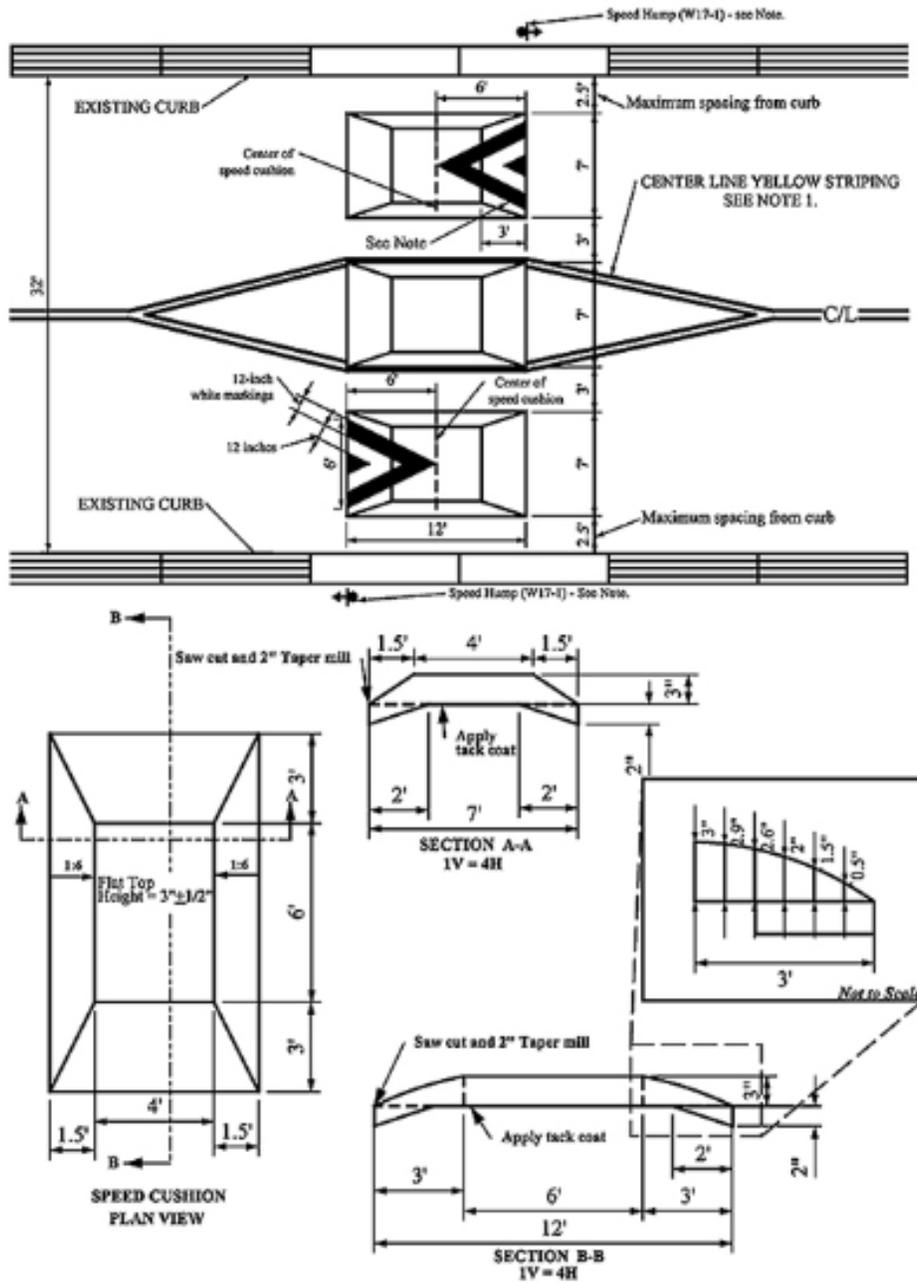
**NOTE:**  
 1. ALL SIGNING AND STRIPING SHALL CONFORM TO THE LATEST EDITION OF THE DE MUTCD.

*If you have any questions, please call the Engineering Department at 409-267-2708*



NOTE:  
 1. ALL SIGNING AND STRIPING SHALL CONFORM TO THE LATEST EDITION OF THE DE MUTCD.

*If you have any questions, please call the Engineering Department at 409-267-2708*



NOTE:  
1. ALL SIGNING AND STRIPING SHALL CONFORM TO THE LATEST EDITION OF THE DE MUTCD.

*If you have any questions, please call the Engineering Department at 409-267-2708*



Chambers County Engineering Department

201 Airport Rd

Anahuac, Texas 77514

---

*If you have any questions, please call the Engineering Department at 409-267-2708*