



**CITY OF NEW BRAUNFELS, TEXAS
TRANSPORTATION AND TRAFFIC ADVISORY
BOARD MEETING**



ZOOM

THURSDAY, JUNE 10, 2021 at 6:00 PM

To participate via Zoom use the following link:

**<https://us02web.zoom.us/j/85457923546> or
call (833) 926-2300 Webinar ID# 854 5792 3546**

AGENDA

1. CALL TO ORDER

2. ROLL CALL

3. APPROVAL OF MINUTES

- A) Approval of the minutes of the May 13, 2021 [21-578](#)
Transportation and Traffic Advisory Board meeting.

4. CITIZENS' COMMUNICATIONS

This time is for citizens to address the Transportation and Traffic Advisory Board on issues and items of concerns not on this agenda. There will be no Transportation and Traffic Advisory Board action at this time.

5. PRESENTATIONS

- A) Presentation on Neighborhood Traffic Calming options in [21-531](#)
the City of New Braunfels.
Mary Hamann, Engineer

6. CONSENT ITEMS

All items listed below are considered to be routine and non-controversial by the Transportation and Traffic Advisory Board and will be approved by one motion. There will be no separate discussion of these items unless a Board member or citizen so requests, in which case the item will be removed from the consent agenda and considered as part of the normal order of business.

- A) Update on items previously considered by the [21-518](#)
Transportation and Traffic Advisory Board.
Mary Hamann, Engineer

7. INDIVIDUAL ITEMS FOR CONSIDERATION

- A) Discuss and consider a recommendation to City Council [21-524](#)
to install speed humps on Misty Acres Drive between SH

46 and Lake Front Avenue.

Carly Farmer, Graduate Engineer

- B) Discuss and consider a recommendation to City Council [21-545](#) to restrict parking around the landscaped islands on the outside edges of Main Plaza.

Mary Hamann, Engineer

8. ADJOURNMENT

CERTIFICATION

I hereby certify the above Notice of Meeting was posted on the bulletin board at the New Braunfels City Hall.

Board Liaison

NOTE: Persons with disabilities who plan to attend this meeting and who may need auxiliary aids or services such as interpreters for persons who are deaf or hearing impaired, readers, or large print, are requested to contact the City Secretary's Office at 221-4010 at least two (2) work days prior to the meeting so that appropriate arrangements can be made.



Transportation and Traffic Advisory Board Agenda Item Report

550 Landa Street
New Braunfels, TX

6/10/2021

Agenda Item No. A)

TRANSPORTATION AND TRAFFIC ADVISORY BOARD

Regular Meeting Minutes

Held via ZOOM

May 13, 2021

Members Present:

Arthur Brinkkoeter

Gary Kirkham

Cutter Gonzalez

Daniel Santoni

Michael Yoder

Staff Present:

Mary Hamann

Jessica Perry

Carly Farmer

1. **CALL TO ORDER** – called to order at 6:02 pm

2. **ROLL CALL**

3. **APPROVAL OF MINUTES**

- April 8, 2021 Regular Meeting – via Zoom

Mr. Yoder made a motion to approve. Mr. Santoni seconded the motion. All in favor.

Motion passed.

4. **CITIZENS COMMUNICATIONS**

None

5. **CONSENT AGENDA**

A) Update on items previously considered by the Transportation & Traffic Advisory Board.

Mary Hamann, Engineer

Mr. Kirkham asked if we could move item to normal order of business for discussion so we could discuss this item. Mr. Yoder seconded the motion. Mr. Santoni said he would like staff to bring up all traffic calming options to the Transportation and Traffic Advisory Board. Mr. Kirkham made a motion to ask staff to look at the city's speed hump policy and other traffic calming options. Mr. Brinkkoeter seconded the motion. All in favor. Motion passed.

6. **INDIVIDUAL ITEMS FOR CONSIDERATION**

A) Discuss and consider a recommendation to City Council to restrict parking on Stadtbach St in front of the cluster mailbox.

Carly Farmer, Graduate Engineer

Ms. Farmer said the people who requested this item asked to pull it from the agenda.

B) Discuss and consider possible direction to staff regarding a transition to in person Transportation and Traffic Advisory Board meetings.

Mary Hamann, Engineer

Mr. Kirkham asked each of the board and staff members give their opinion of when we would consider having in person meetings and if we feel ready to have it in June or July. Ms. Hamann stated that any future in person meetings would be hybrid so that staff, board

members, and the public has the option to attend in person or virtually via Zoom. Mr. Kirkham made a motion to have the first hybrid board meeting in July 2021. Mr. Gonzalez seconded the motion. All in favor. Motion passed.

7. ADJOURNMENT

Mr. Santoni made a motion to adjourn. Mr. Yoder seconded the motion. All in favor. Meeting adjourned at 6:21 pm.

6/10/2021

Agenda Item No. A)

PRESENTER:

Mary Hamann, Engineer

SUBJECT:

Presentation on Neighborhood Traffic Calming options in the City of New Braunfels.

DEPARTMENT: Public Works

COUNCIL DISTRICTS IMPACTED: Citywide

BACKGROUND INFORMATION:

At their May 2021 meeting, the Transportation and Traffic Advisory Board directed staff to investigate traffic calming options other than speed humps that could be used in the City of New Braunfels to address neighborhood speeding concerns.

The Transportation & Traffic webpage for the City of New Braunfels states that the primary measure for neighborhood traffic calming is the speed hump. Other measures such as narrowing lanes or lane shifts may be considered. The city's speed hump policy was approved by City Council in 1999.

Staff recognizes the need for a comprehensive traffic calming policy for use in the city that includes several options for traffic calming, criteria for staff recommendation, methods to ensure neighborhood involvement, and addresses funding for implementation. Additionally, a new traffic calming policy would include the appropriate elements of complete streets and Vision Zero.

At this time, staff has obtained numerous traffic calming policies for cities throughout Texas and the United States as well as research documents relating to the application and implementation of various traffic calming measures.

The next steps for this policy update are to compile the results of the research and create a draft Traffic Calming Policy document. This draft document would then be presented to the public, Transportation and Traffic Advisory Board, Planning Commission, and City Council for input prior to adoption. Staff anticipates having a draft document prepared in early 2022.

ISSUE:

N/A

FISCAL IMPACT:

N/A

RECOMMENDATION:
N/A

6/10/2021

Agenda Item No. A)

PRESENTER:

Mary Hamann, Engineer

SUBJECT:

Update on items previously considered by the Transportation and Traffic Advisory Board.

DEPARTMENT: Public Works

COUNCIL DISTRICTS IMPACTED: Citywide

BACKGROUND INFORMATION:

The attached table shows the latest status of items previously considered by the Transportation and Traffic Advisory Board. Items will be removed from the table as they are completed.

ISSUE:

Staff has received a request to provide updates to the Transportation and Traffic Advisory Board on items previously considered by the Board.

FISCAL IMPACT:

N/A

RECOMMENDATION:

N/A

Status Update for Previous Transportation and Traffic Advisory Board Items

T&T Meeting Date	Request	Current Status
2021-04-08	Speed humps on Broadway Dr between Rusk St and Flushing.	City Council approved the request at the May 10, 2021 meeting.
2021-04-08	Speed humps on Daisy Way between Marigold Way and Hibiscus.	City Council did not approve the request at the May 10, 2021 meeting.

6/10/2021

Agenda Item No. A)

PRESENTER:

Carly Farmer, Graduate Engineer

SUBJECT:

Discuss and consider a recommendation to City Council to install speed humps on Misty Acres Drive between SH 46 and Lake Front Avenue.

DEPARTMENT: Public Works**COUNCIL DISTRICTS IMPACTED:** 5**BACKGROUND INFORMATION:**

Residents submitted a request for the installation of speed humps on Misty Acres Drive between SH 46 and Lake Front Avenue. Misty Acres Drive is a residential street with a posted speed limit of 30 mph. The request was evaluated based on petition, operational and geometric requirements established in the City of New Braunfels Speed Hump Policy approved in 1999.

44 signatures were required to meet the two-thirds requirement, and 44 signatures were received. An operational requirement in the policy is that the 85th percentile speed must be at least 5 miles per hour over the regulatory speed limit of 30 mph. Traffic data collected over 24 hours on Wednesday, May 19, 2021 showed the 85th percentile speed of 37 miles per hour which meets the speed criteria in the Speed Hump Policy. Additionally, the volume requirement in the approved speed hump policy is a daily traffic volume of at least 800 vehicles per day. The traffic data collected measured 1497 vehicles per day. These requirements are listed in the attachment to this report.

The Speed Hump Policy also requires proposed speed humps on a street to be approved by the emergency services departments. The New Braunfels Fire Department and the New Braunfels Police Department approve of the installation of speed humps on the requested street.

Misty Acres has a vertical curve near the intersection with Lake Front Avenue. The Speed Hump Policy provides guidance that speed humps should not be located on vertical curves where visibility of the speed hump is restricted or on the approaches to these curves. The proposed locations of the speed humps shown in the attached diagram meet this location criteria.

If the request is approved, the street will be placed on the list of streets eligible for speed hump installation for up to three years. Speed hump projects will be prioritized according to the criteria established in the Speed Hump Policy.

The Speed Hump Policy also states that the alteration or removal of speed humps requires the same petition

process as the installation request, with at least two-thirds of all adjacent households and businesses in favor of speed hump removal. The city will not provide any funding for the removal of speed humps if it is requested.

ISSUE:

Consideration of the requested speed humps is consistent with the following action from Envision New Braunfels:

Action 7.16: Develop a program and process for consideration of citizen requests for neighborhood traffic calming.

FISCAL IMPACT:

The City has specific funding for the installation of traffic calming. This is the fifth speed hump request submitted for the 2020-2021 fiscal year. Speed hump installation cost including speed cushions, signing and pavement markings at three locations cost approximately \$25,500 to \$31,500, depending on location.

RECOMMENDATION:

Staff recommends approval of speed humps on Misty Acres Drive between SH 46 and Lake Front Avenue as it meets both the speed and volume criteria established in the Speed Hump Policy.

Petition

Requirement		Satisfied?
1.	A petition from the residents and business owners documenting that at least two-thirds support the installation of speed humps.	Yes
2.	Verification statement from contact person confirming signatures are valid and represent at least two-thirds support.	Yes
3.	A statement from the neighborhood association endorsing speed hump installation.	N/A

Operational and Geometric Characteristics of the Street

Requirement		Satisfied?
1.	The street shall provide access to abutting residential and/or commercial properties.	Yes
2.	The street shall not have more than one lane of traffic in each direction.	Yes
3.	The street shall have a regulatory speed limit of 30 mph or less as determined in accordance with State Law.	Yes: 30 mph
4.	The 85 th percentile speed on the street must be at least 35 mph or 5 mph over the regulatory speed limit.	Yes: 37 mph
5.	The speed humps should not be located on a horizontal curve, on vertical curves where visibility of the hump is restricted, or on approaches to these curves.	Yes
6.	The street should have curb and gutter. Considerations may be given to street without curb and gutter to accommodate drainage and prevent vehicle run-arounds.	Yes
7.	The street must be approved by the emergency services departments.	Yes ^a
8.	The street must have a 24-hour traffic volume of at least 800 vehicles.	Yes: 1497 vpd average

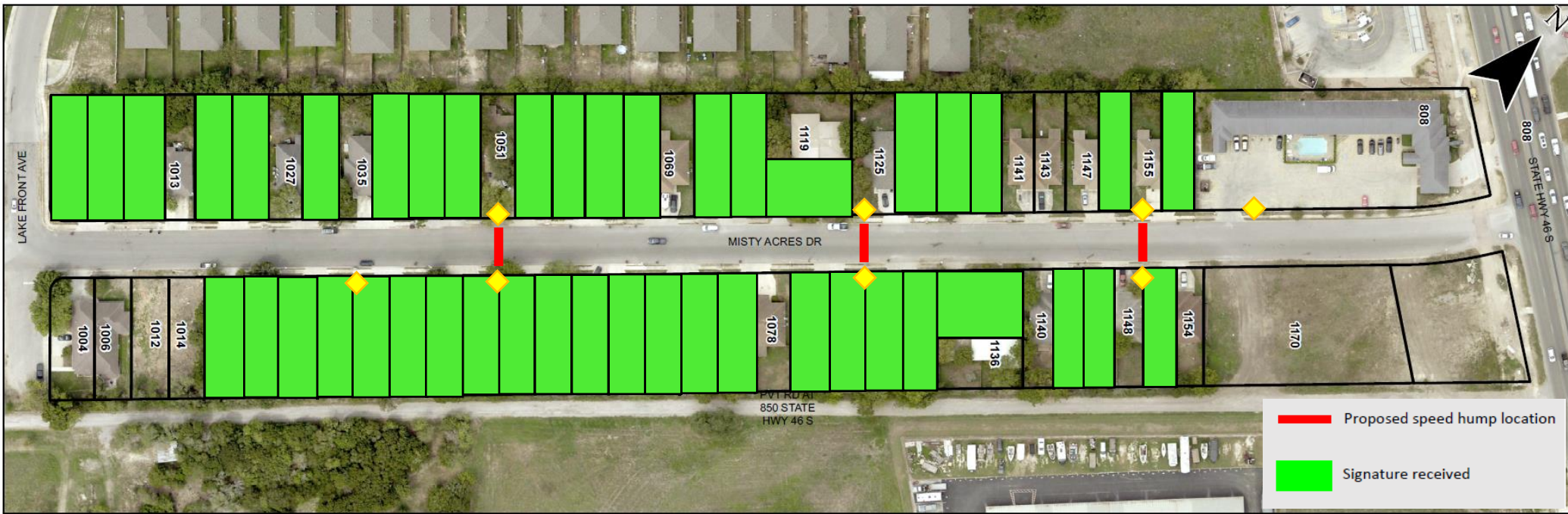
^a Parking may be restricted at speed hump locations to maintain emergency response.

Speed and Volume Data

	≤25 mph	26-30 mph	31-35 mph	36-40 mph	41+ mph
Average vpd (5/19)	182	383	561	292	79

Project Prioritization Criteria

Criteria		Points Assigned
1. Crash	1 reported crashes over a period of 3 consecutive years	0
2. Speed	7 mph difference between 85 th percentile speed and regulatory speed limit	4
3. Traffic Volume	Two-way peak hour volume of 208 vph	2
4. Type of Neighborhood	1. Schools within a ½ mile radius of the project street	1
	2. Absence of sidewalks on the project street	0
Total:		7



6/10/2021

Agenda Item No. B)

PRESENTER:

Mary Hamann, Engineer

SUBJECT:

Discuss and consider a recommendation to City Council to restrict parking around the landscaped islands on the outside edges of Main Plaza.

DEPARTMENT: Public Works

COUNCIL DISTRICTS IMPACTED: 5

BACKGROUND INFORMATION:

Staff received a request from the Parks and Recreation Department to restrict parking around the landscaped islands on the outside edges of Main Plaza. The attached photo shows vehicles parked along the landscaped islands in the west side of Main Plaza, obstructing the flow of traffic in these areas as well as preventing the Parks employees from accessing the landscaping and downtown public restrooms to perform cleaning and maintenance. This parking around the landscaped island on the west side of Main Plaza has also been a concern from business owners downtown, per the Economic and Community Development Coordinator.

Engineering staff reached out to the Police Department to confirm that this request for restricted parking was not already covered under an existing ordinance. The Police Department did confirm this and requested that the parking restriction be extended to all four landscaped islands around Main Plaza to avoid confusion for drivers on where parking is allowed.

Because Main Plaza is on the TxDOT system, staff reached out to TxDOT with the proposed parking restriction; TxDOT does not have any concerns.

ISSUE:

Proposed parking restriction around the landscaped islands on the outside edges of Main Plaza to ensure safety and accessibility in these areas for the drivers utilizing the angled parking and Parks employees.

FISCAL IMPACT:

Traffic control signs cost approximately \$150 each. Sufficient funding is available in the FY 2021 approved streets and drainage budget.

RECOMMENDATION:

Staff recommends creating no parking zones around the outside edges of the landscaped islands on the outside of Main Plaza.



Proposed Main Plaza No Parking Zones



