

Vivian Drive Traffic Calming Concepts

Virtual Public Meeting #2

Introductions

City of Albuquerque

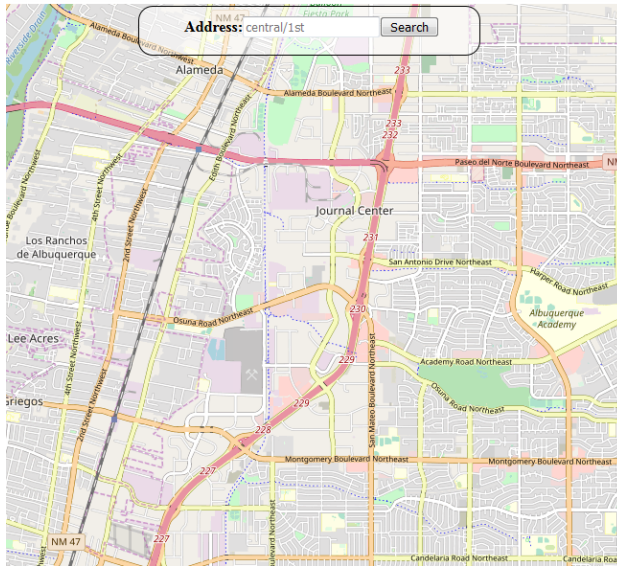
- Councilor Brook Bassan
- Tim Brown, PE, PTOE – Traffic Engineering Manager
- Amanda Herrera, PE – NTMP Project Manager
- Diane Dolan – Council Services Special Projects Analyst
- DawnMarie Emillio – Clr. Bassan Policy Analyst

Wilson & Company

- Audra Gallegos, PE
- Ben Bachwartz

Vivian Drive
Traffic Calming Concepts

Neighborhood Traffic Management Program (NTMP)



NTMP Application

* Primary Applicant:

* Primary Applicant Contact:

* Supporting Applicant:

* Supporting Applicant Contact:

* Supporting Applicant

* Supporting Applicant Contact:

* Concerns
(Safety, Speeding, Excess Traffic, Cut-Through
Vehicle Registration, Parking, Noise)

Submit

- COA started program in February 2015
- Program designed for public involvement
- NTMP helps improve neighborhood traffic safety
- Evaluates neighborhood streets for safety issues, then recommends safety improvements
- Follows NTMP Policy Manual

Existing Conditions

Existing Conditions

- Study limits – Vivian Drive from Glendora Drive to Truchas Drive
- 0.7 miles
- Local road
- Speed limit is 25 mph



Vivian Drive Speed Study

Traffic Calming Recommendations

- Vivian Drive is an Emergency Vehicle Response Route
- Certain traffic calming measures cannot be implemented, such as speed humps

Public Involvement

- Public Meeting #1
 - May 3, 2021
 - 3 attendees
- Post Public Meeting Emails
 - 19 emails received
 - 17 of 19 emails supported traffic calming
 - 12 of 19 emails suggested speed humps
 - 2 of 19 emails opposed speed humps

Traffic Calming Options

Alternative 1 - Striping Improvements



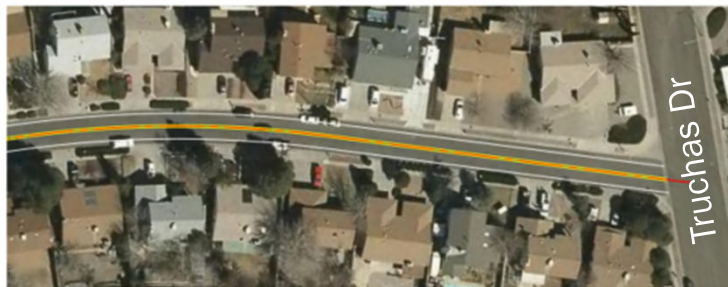
Pros

- Inexpensive
- Can be used with other devices
- May be used to delineate on-street parking
- Does not inhibit emergency vehicles

Cons

- Effectiveness temporary
- Maintenance

Alternative 1 - Striping Improvements



Alternative 2 – Speed Cushions



Pros

- Decrease vehicle speeds
- Discourages cut-through traffic
- Inexpensive and easy to construct
- Does not inhibit emergency vehicles

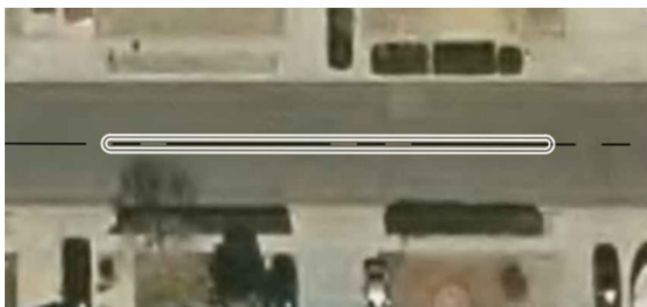
Cons

- Divert traffic to adjacent neighborhood streets
- May increase noise levels as vehicles decelerate and accelerate

Alternative 2 – Speed Cushions



Alternative 3 – Bulbouts and Center Island



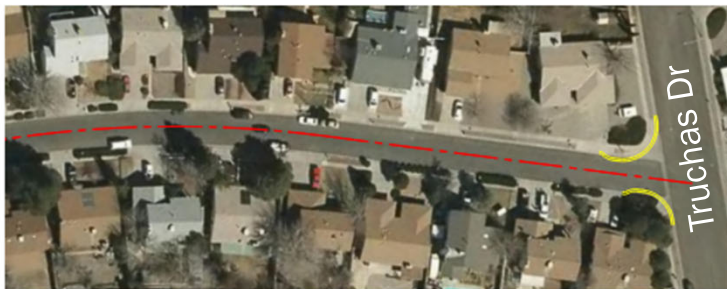
Pros

- Reduces pedestrian crossing distance
- Decreases vehicle speed
- Increases safety
- Does not inhibit emergency vehicles

Cons

- Expensive
- Reduce on street parking
- Maintenance by adjacent property owner

Alternative 3 – Bulbouts and Center Island



Public Input

Questions/Comments

- Survey after the presentation
- Email to NTMP@cabq.gov
- Deadline for comment August 31, 2021

Thank you!

NTMP Criteria

NTMP Initial Criteria

- Must be a collector or residential roadway
- Application must be signed by 3 supporting residents
- Petition must be signed by 2/3 of the affected households

Evaluation Criteria

- Over a twenty-four-hour period, 15% of the vehicles traveling in the study area exceeded 7 miles per hour over the speed limit.
- Three reported crashes in a 5-year period where the police report identified speed as either a primary or contributing cause of the crash.
- A crash involving a pedestrian or cyclist in a school zone in a five-year period.
- Over a twenty-four-hour period more than 800 vehicles were counted traveling through the study area and 15% of the vehicles traveling in the study area exceeded 5 miles per hour over the speed limit.
- Over a twenty-four-hour period, 15% of the vehicles traveling in the study area exceeded 5 miles per hour over the speed limit and there was at least one reported crash in a 5-year period where the police report identified speed as either a primary or contributing cause of the crash.

Evaluation Criteria

- Over a twenty-four-hour period, 15% of the vehicles traveling in the study area exceeded 5 miles per hour over the speed limit and a field survey conducted by the Traffic Engineering Division determined that 25% of the peak hour traffic was cut-through traffic.
- Over a twenty-four-hour period more than 800 vehicles were counted traveling through the study area and there was at least one reported crash in a 5-year period where the police report identified speed as either a primary or contributing cause of the crash.
- Over a twenty-four-hour period more than 800 vehicles were counted traveling through the study area and a field survey conducted by the Traffic Engineering Division determined that 25% of the peak hour traffic was cut-through traffic.
- A field survey conducted by the Traffic Engineering Division determined that 25% of the peak hour traffic was cut-through traffic and there was at least one reported crash in 5 years where the police report identified speed as either a primary or contributing cause of the crash.

One or more of these criteria must be met to warrant traffic calming measures

Percentage of Vehicles Exceeding Speed Limit

- 15% of vehicles traveling in the study area exceeded 7 miles per hour over the speed limit.
- 15% of the vehicles traveling in the study area exceeded 5 miles per hour over the speed limit

Percentage of Vehicles Exceeding Speed Limit



Speed	Percentage of Vehicles Exceeding Speed Limit			
	November 4, 2020		November 5, 2020	
	Counter 1	Counter 2	Counter 1	Counter 2
5 mph	14%	5%	18%	5%
7 mph	8%	2%	10%	2%

Meets the NTMP threshold

Volume

- Over a twenty-four-hour period more than 800 vehicles were counted
- ADT 302 vehicles
- Does not meet NTMP threshold

Crash Data

- At least one reported crash in a 5-year period where the police report identified speed as either a primary or contributing cause of the crash.
- Meets NTMP threshold

Crash Date	Crash Intersecting Street	Crash Primary Street	Crash Analysis	Severity	Contributing Factors	Crash Correct with Traffic Calming
7/16/2017	Louisiana Blvd.	Vivian Dr.	Both going straight/ From same direction	Damage 500 or more	Driver inattention	No
3/8/2019	Truchas Dr.	Vivian Dr.	One left turn/ Entering at an angle	Damage 500 or more	Improper overtaking	No
7/8/2019	Vivian Dr.	Vivian Dr.	One car/ Entered parked pos	Damage 500 or more	Driver inattention, Excessive speed	Yes

