

A RESOLUTION ENDORSING TRAFFIC CALMING ON LORRAINE STREET
Resolution No. 122/2008-09

WHEREAS, the Carrboro Board of Aldermen updated the Residential Traffic Management Plan in 2005, and

WHEREAS, the residents of Lorraine Street have submitted a valid petition requesting the implementation of traffic calming, and

WHEREAS, vehicular and non-vehicular data has been collected for Lorraine Street, the results of which qualify the street for Stage II traffic calming based on the criteria in the Residential Traffic Management Plan.

NOW, THEREFORE BE IT RESOLVED BY THE CARRBORO BOARD OF ALDERMEN THAT:

- 1. Town staff will install two speed tables at the approximate locations of 207 and 400 Lorraine Street.**
- 2. The Police Department will conduct additional enforcement at the intersection of Lorraine Street and Phipps Street as resources allow.**
- 3. Town staff will evaluate the effectiveness of the two speed tables in calming vehicular speed to determine if further action is necessary.**
- 4. This resolution shall become effective upon adoption.**



Town of Carrboro

Traffic Calming Request Form

This form is used to report a speeding or traffic problem on a residential street. When this form is submitted, town staff will evaluate the complaint to determine the nature of the problem, and make sure that the location is a town-maintained, residential street. After the initial report, town staff will explain how residents may put together a petition to verify that there is a widespread concern for the speeding or traffic issue.

Contact Information

Name: Brian Pence

Address: 100 Phipps St

City / Zip: Carrboro, NC 27510

Phone Number: (919) 968-4131

E-Mail: bwpence@gmail.com

Please describe the location of the traffic concern. Attach a map or picture if necessary:
Lorraine Street, between Hillsborough Road and James Street.

Please describe the nature of the neighborhood traffic problem you are concerned with (attach additional sheets if necessary):

The residents of Lorraine Street and adjoining streets are concerned about traffic speed and volume on Lorraine Street. Lorraine Street is used extensively as a cut-through between Hillsborough Road and Main Street. Our informal observation suggests that Lorraine Street is more heavily used than the parallel Simpson Street, which was recently monitored by the Town and found to carry over 1,100 vehicles per day. The recent addition of speed tables to Simpson Street is likely to cause some additional traffic to shift to Lorraine Street as an alternate cut-through. While many drivers drive respectfully, a significant portion substantially exceed the posted speed limit of 25 MPH, and drivers routinely run the stop sign at Phipps Street at full speed. Lorraine Street lacks sidewalks, so pedestrians must walk in the street and navigate oncoming traffic. The curve into the intersection with James Street is a particularly challenging section for pedestrians, as south-bound vehicles have often built up considerable speed on the long straight-away down Lorraine Street and then head into a blind curve where pedestrians may be on the edge of the road. Additionally, once in a while late at night a vehicle will go south on Lorraine Street at extreme speed (perhaps 50-60 miles per hour), which has been reported to the police on at least two occasions. These traffic conditions are in spite of the clearly marked stop sign at Phipps Street, the speed limit signs, and the "Please drive slowly - we love our children" sign near the intersection with Carol Street.

Please list possible solutions to the problem that you would like the Town of Carrboro to consider:

We would like to request more frequent police enforcement of the speed limit and the stop sign at Phipps Street. A cruiser parked out of sight on Melba Circle south of the stop sign or Carol Street north of the stop sign could probably stay quite busy. We would also like to request the installation of 3-4 speed tables on Lorraine, perhaps 1-2 north of Phipps Street and 2 south of Phipps Street. In the first month since their installation on Simpson Street, these speed tables have proven quite effective in reducing the speed of traffic on that street without the inconvenience of full speed bumps.


Please fill out this form and return to:



Legend

-  streets
-  buildings
-  area of influence
-  parcels

0 90 180 360 Feet




Lorraine St. Area of Influence



TOWN OF CARRBORO
301 W. Main St.
Carrboro, NC 27510

Printed July 23, 2008

NC State Plane Coordinate System (NAD83)

**THIS MAP IS NOT A CERTIFIED SURVEY
NO RELIANCE MAY BE PLACED IN ITS ACCURACY**

The Town of Carrboro assumes no liability for damages caused by inaccuracies in this map or supporting data and makes no warranty, expressed or implied, as to the accuracy of the information presented. The fact of distribution does not constitute such a warranty.

Attachment B – Neighborhood Petition Form

Please complete items 2 & 3 on this form and return with attached sheets to:

Town of Carrboro
Planning Department
301 W. Main Street
Carrboro, NC 27510
FAX: (919) 918-4454

THE UNDERSIGNED AGREE TO THE FOLLOWING:

1. All persons signing this petition do hereby certify that they own property or reside within the following area:

On or adjacent to Lorraine St.

2. All persons signing this petition do hereby agree to the following problem and potential solution(s) in the defined area:
Speeding & running stop sign on Lorraine St
Installation of 3-4 speed tables on Lorraine St
3. All persons signing this petition do hereby agree that the following contact person(s) represents the neighborhood in matters pertaining to items 1 and 2 above:

Name of key contact person # 1 (please print): Brian Pence
Address, City, and Zip Code: 100 Phipps St, Carrboro 27510
Telephone (day): 968-4131 Fax: 684-6246 E-mail: BWPENCE@GMAIL.COM

Name of key contact person # 2 (please print): _____
Address, City, and Zip Code: _____
Telephone (day): _____ Fax: _____ E-mail: _____

Please attach additional pages if necessary to discuss the request.

Date Submitted: 9/23/08

This petition is provided so that residents in a neighborhood may verify that there is a widespread concern for a speeding or traffic issue.

The petition must be signed by at least 75 percent of the owners or residents of properties within the "area of influence." Each property is entitled to one signature. Valid signatures include those from (1) a property owner or spouse, (2) an adult head of household, or (3) an adult renting the property.

| Address | Printed Name and Signature | Date |
|-----------------|--|--------------------------------|
| 100 LORRAINE ST | | |
| 101 LORRAINE ST | | |
| 200 LORRAINE ST | Barbara Dewey <i>Barbara Dewey</i> | 7/29/08 |
| 201 LORRAINE ST | Dorothy D. Wilkinson <i>Dorothy D. Wilkinson</i> | 7-29-08 |
| 202 LORRAINE ST | Merle Thorpe <i>Merle Thorpe</i> | 9/21/08 |
| 203 LORRAINE ST | Nancy Hillburn / Robert Trenkle <i>Nancy Hillburn</i> | 7/29 |
| 204 LORRAINE ST | Alice Van Fleet <i>Alice Van Fleet</i> | but 7/28/ not in front of 204! |
| 205 LORRAINE ST | Brenda Sturdivant <i>Brenda Sturdivant</i> | 7/29/08 |
| 206 LORRAINE ST | ANDE WEST <i>Ande West</i> | 9-21-08 |
| 207 LORRAINE ST | LINDA SOTO <i>Linda Carolina Soto</i> | 7/2/08 |
| 301 LORRAINE ST | Judy Williams-Clark <i>Judy Williams-Clark</i> | 9/20/08 |
| 303 LORRAINE ST | Beth Colacurcio <i>Beth Colacurcio</i> | 9/21/08 |
| 400 LORRAINE ST | | |
| 401 LORRAINE ST | DAVIS STILLSON <i>Davis Stillson</i> | 9-21-08 |
| 403 LORRAINE ST | PAIGE VAN FLEET <i>Paige Van Fleet</i> | 7/28 |
| 104 MARY ST | | |

[illegible]

TRAFFIC DATA COLLECTION SUMMARY

| | 207 Lorraine* | | |
|---|--------------------|--|----------------------|
| | Tuesday, October 7 | | Wednesday, October 8 |
| Total Traffic Volume | 908 | | 886 |
| 85th percentile speed | 32.73 mph | | 32.16 mph |
| AM Peak | 11:00 - 11:59 | | 7:00 - 7:59 |
| PM Peak | 3:00 - 3:59 | | 3:00 - 3:59 |
| * data did not differentiate lane direction | | | |

| | 400 Lorraine* | | |
|---|--------------------|--|----------------------|
| | Tuesday, October 7 | | Wednesday, October 8 |
| Total Traffic Volume | 900 | | 885 |
| 85th percentile speed | 33.07 mph | | 32.97 |
| AM Peak | 11:00 - 11:59 | | 7:00 - 7:59 |
| PM Peak | 4:00 - 4:59 | | 4:00 - 4:59 |
| * data did not differentiate lane direction | | | |

BICYCLE/PEDESTRIAN DATA COLLECTION SUMMARY

| Ped Counts | AM | PM |
|-------------|----|----|
| 19-Nov | 6 | |
| 20-Nov | 18 | |
| 3-Dec | | 25 |
| 4-Dec | | 8 |
| Bike Counts | AM | PM |
| 19-Nov | 0 | |
| 20-Nov | 3 | |
| 3-Dec | | 2 |
| 4-Dec | | 1 |

Traffic Calming Criteria

Street Name: Lorraine

| Criteria | Application | Collected Data | Points |
|---|--|--|------------------|
| <i>Traffic Volume</i> | <i>Criteria</i> – 5 points for every 20 % of volume that exceeds the expected number of vehicles per day (vpd) on the street, based on the function of the street (75 vpd for minor streets, 200 vpd for local streets, and 800 vpd for subcollector and collector | 895 VPD 12% increase | 0 |
| <i>85th Percentile Speed</i> | <i>Criteria</i> – 2 points for every mph that the 85 th percentile speed exceeds the posted speed limit | 85th %ile = 32.5 MPH speed limit = 25 MPH | 16 |
| <i>Pedestrian Volume</i> | <i>Criteria</i> – 1 point for every 10 pedestrians if the street has a sidewalk, 5 points per 10 pedestrians if no sidewalk. Counts are made in either the peak traffic hour or the hour when students are traveling to or from school | No sidewalk. Ped count = 14 | 5 |
| <i>Bicycle Volume</i> | <i>Criteria</i> – 1 point for every 10 cyclists if the street has bike lanes, 3 points per 10 cyclists if no bike lanes. Counts are made in either the peak traffic hour or the hour when students are traveling to or from school | no bike lanes Bike count = 3 | 0 |
| <i>Bus Stops</i> | <i>Criteria</i> – 1 point for each transit stop and 2 points for each school bus stop on the street | 0 | 0 |
| <i>Proximity to Pedestrian Generator (Retail and Parks)</i> | <i>Criteria</i> – 5 points if within 0-0.2 miles; 3 points if within 0.21 and 0.4 miles; 1 point if within 0.41 and 0.6 miles. (Post office; Simpson St. Park; Carrboro Plaza; MLK Park) | 0-0.2 = yes 0.21-0.4= yes 0.41-0.6= no | 5+3+0 = 8 |
| | <u>Additional Consideration:</u> In some situations the residents' concern is for a few drivers greatly exceeding the speed limit. In this case, town staff would also review the 95th percentile speed on the street. | | |
| TOTAL POINTS | | | 29 |



TOWN OF CARRBORO

NORTH CAROLINA

WWW.TOWNOFCARRBORO.ORG

Attachement D - I

DATE: May 1, 2009
TO: Residents and Property Owners in the Plantation Acres Neighborhood
residing on or near Lorraine Street
FROM: Adena Messinger, Transportation Planner
RE: Upcoming Meetings to Discuss Request for Traffic Calming on
Lorraine Street

The Town of Carrboro is considering a request from residents of Lorraine Street in regard to a request for traffic calming along Lorraine Street. This request will be considered at two upcoming meetings:

- The Transportation Advisory Board (a citizen board appointed by the Board of Aldermen) will consider this request at its meeting on **Thursday, May 21, 2009** beginning at 7:30 P.M. in Room 109 of Town Hall located at 301 W. Main Street.
- The Board of Aldermen will consider this request at its meeting on **Tuesday, June 2, 2009** beginning at 7:30 P.M. in Room 110 of the Town Hall located at 301 W. Main Street.

You are welcome to attend these meetings and speak on the neighborhood request. The final decision will be made by the Board of Aldermen. An agenda for the Board of Aldermen meeting will be posted on the Town website (www.townofcarrboro.org) the weekend prior to the meeting. Please feel free to contact Adena Messinger at 918-7329 or amessinger@townofcarrboro.org if you have questions or need additional information.

Neighborhood Request

Residents of Lorraine Street submitted a petition to the Town in August 2008 which states the following:

All persons signing this petition do hereby agree to the following problem and potential solution(s) in the defined area –

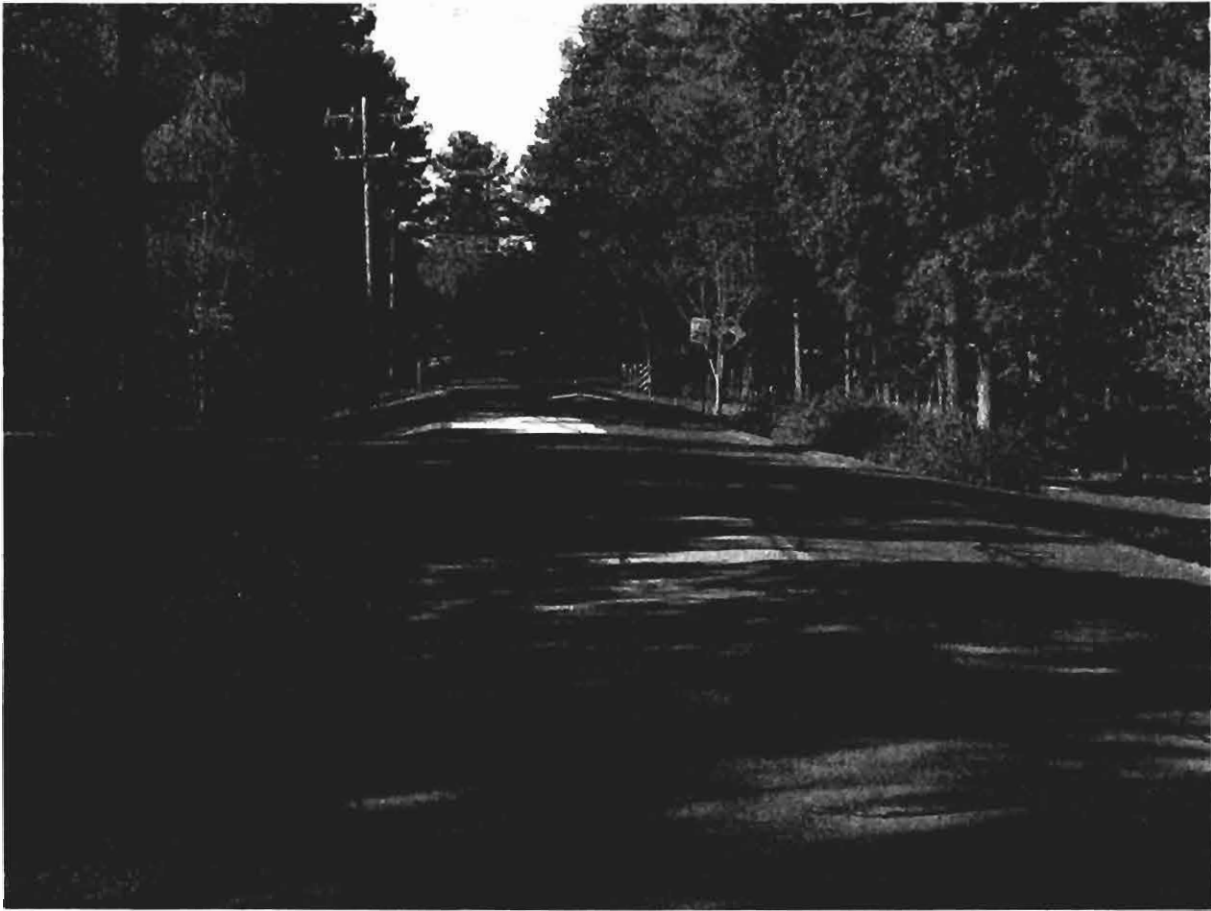
- Speeding and running the stop sign on Lorraine Street [at Phipps Street]
- Installation of 3-4 speed tables on Lorraine Street

(over)

Staff Recommendation

The Town's Traffic and Parking Committee (made up of representatives from the Economic Development, Fire, Planning, Public Works, Police, and Recreation and Parks departments) discussed the neighborhood request and due to speeding and volume of pedestrian activity recommends the following:

- To install two (2) speed tables in the approximate locations where the counts were taken (207 Lorraine and 400 Lorraine)
- Increase police enforcement at the stop sign during the time at which higher speeds were recorded (AM peak)
- Following installation of the speed tables, the situation will be re-evaluated: staff will collect new speed data and the Police Department will report on their enforcement efforts. If the speeds at the stop sign are indicative of no stopping or rolling stops, and if citations for running the stop signs are still being issued, then the Town can consider removing the stop signs on Lorraine Street, and installing a third speed table near the intersection with Phipps Street.



Speed Table 1, between Mary St. and James St.





Speed Table 2 between Hillsborough Rd. and Phipps St.

**TRANSPORTATION ADVISORY BOARD****RECOMMENDATION****May 21, 2009****SUBJECT: Lorraine Street Traffic Calming Request**

Heidi Perry moved and Austin Brown seconded that the Transportation Advisory Board supports the staff recommendation for two speed tables, increased enforcement and follow up evaluation.

The Transportation Advisory Board further suggests that the Town explores other traffic calming devices besides speed tables to satisfy citizens' requests for slowing down traffic on residential streets.

Ayes: 5 (Heidi Perry, Charlie Hileman, Katie Schwing, Austin Brown, Seth LaJeunesse)

Noes: 0

Absent: (Daniel Amoni)

Charlie Hileman
TAB Chair

May / 28 /09
DATE