

A RESOLUTION APPROVING SPEED TABLES FOR SIMPSON STREET
BETWEEN MAIN AND PHIPPS STREETS
Resolution No. 143/2007-08

WHEREAS, the Carrboro Board of Aldermen amended the Residential Traffic Management Plan in 2006, and

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

WHEREAS, Simpson St. qualifies for Stage II traffic calming based on the criteria in the Residential Traffic Management Plan,

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

1. That two speed tables be installed on Simpson Street.
2. This resolution shall become effective upon adoption.

Simpson Street Traffic Calming Request Timeline:

| | |
|-----------------------|---|
| Week of June 18, 2007 | Traffic calming request submitted by Simpson Street resident, Lynn Weller. Request for speed tables, more frequent enforcement, closing street to through traffic <i>[Step 1 of RTMP]</i> |
| January 3, 2008 | Petition with 75% of influence area received at Town Hall. <i>[Step 2 of RTMP]</i> |
| January 29 – 31, 2008 | Traffic speed and volume data collected for Simpson between Main St. and Phipps St. <i>[Step 3 of RTMP]</i> |
| March 12 – 13, 2008 | Bike/pedestrian data collected for Simpson between Simpson Street Park and Phipps St. <i>[Step 3 of RTMP]</i> |
| March 18, 2008 | Data used to complete criteria point table. Total points = 42. Twenty-six points or above qualifies a street for stage II traffic calming. <i>[Step 3 of RTMP]</i> |
| April 10, 2008 | Staff review of data (Traffic and Parking Committee) <i>[Step 4 of RTMP]</i> |
| April 17, 2008 | TAB review of traffic calming request and staff recommendation <i>[Step 5 of RTMP]</i> |
| May 20, 2008 | Request presented to the Board of Aldermen <i>[Step 5 of RTMP]</i> |

Traffic Calming Criteria

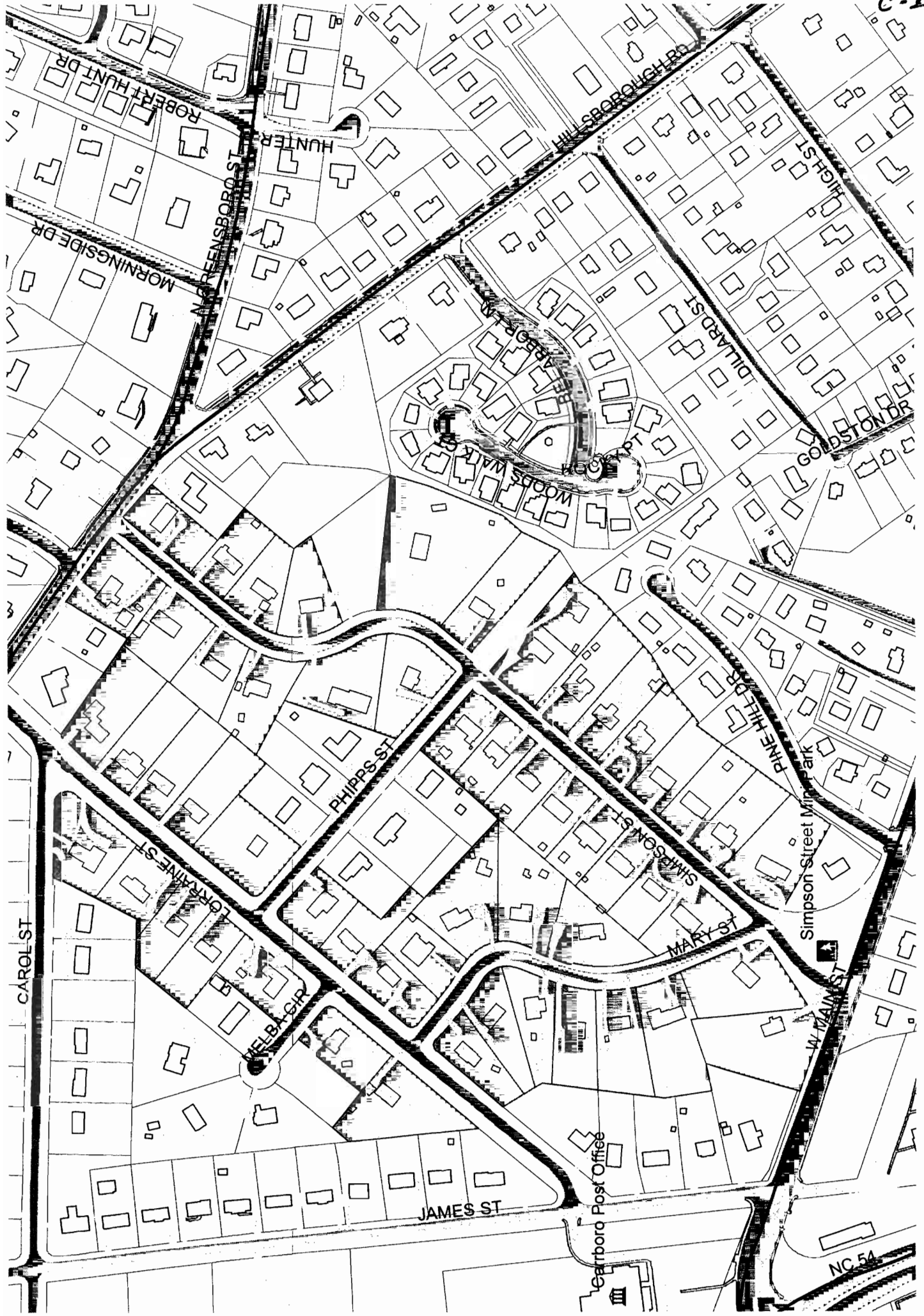
Street Name:

Simpson

Date filled out: 03/18/08

| Criteria | Application | Collected Data | Points |
|--|---|---|-----------|
| Traffic Volume | Criteria – 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 | 1114 VPD 39% increase over 800 vpd | 10 |
| 85 th Percentile Speed | Criteria – 2 points for every mph that the 85 th percentile speed exceeds the posted speed limit | 85th %ile = 34.5 MPH speed limit = 25 MPH | 18 |
| Pedestrian Volume | Criteria – 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 = 12 | 5 |
| Bicycle Volume | Criteria – 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 | 3 | 0 |
| Bus Stops | Criteria – 1 point for each transit stop and 2 points for each school bus stop on the street | 0* | 0 |
| Proximity to Pedestrian Generator (Retail and Parks) | Criteria – 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. | 0-0.2 = 1(*5) (park) 0.21-0.4= 1 (*3) (post office) 0.41-0.6= 1 (*1) (Carrobor Plaza) | 9 |
| | <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 | | | 42 |

* While there are no transit stops on Simpson, there are transit stops on both Main Street and Hillsborough Sts., at either end of Simpson



CAROL ST

JAMES ST

PHIPPS ST

MARY ST

W MAIN ST

Carboro Post Office

Simpson Street Market

NC 54

MORNINGSIDE DR

W PEENSBORO ST

HUNTER

HILL SPOROUGH RD

WOOD WALK

PINE HILL DR

GOLDSTON DR

DILLARD ST

HIGHT ST

ROBERT HUNT DR

LORRAINE ST

WELBACIR

SIMPSON ST

TRANSPORTATION ADVISORY BOARD

RECOMMENDATION

April 17, 2008

SUBJECT: Simpson Street Traffic Calming Request

The Transportation Advisory Board recommends that the Board of Aldermen approve the request for two speed tables on Simpson Street, in the approximate locations of the traffic counters.

Motion: Daniel Amoni

Seconded by Charlie Hileman

Vote: Ayes – 6; Nays – 0

TAB Chair/Date