



MEMORANDUM

TO: Jeffery Neal, PE
Director of Traffic Engineering, Division of Traffic Engineering

FROM: Grace N. Foley, P.E.
Traffic Engineer Senior, Division of Traffic Engineering

DATE: April 29, 2022

SUBJECT: Douglas Avenue Blue Sheet Request

Project: Douglas Avenue Speed Tables
Location: Council District 01

Request: Authorization to install three speed tables on Douglas Avenue between Newtown Pike and Coffee Tree Lane

Douglas Avenue was evaluated through the Neighborhood Traffic Management Program (NMTP) and met or exceeded criteria for consideration of Type II traffic calming treatments. A ballot confirmed a majority of the owners support installing speed tables.

Project Total: \$13,500 for FY2022
\$ 0 for Future FY

Budgeted Funds: \$ 2,500 from Neighborhood (1101-303602-3606-91614 Traffic Devices)
\$ 500 from CD 01 (1101-303602-3606-91614 Traffic Devices)
\$ 10,500 from NTMP Funds (1105-303602-3606-91614 Traffic Devices, PO LF00189204)

Attached: Douglas Ave Ballot Letter, Douglas Ave Ballot Results

cc: James Brown, 1st District Councilmember
Nancy Albright, PE, Commissioner of Environmental Quality & Public Works
Brian C. Knapp, PE, PLS, Traffic Engineer Manager
Felicia Arms, Administrative Specialist Senior
Sharon Murphy, Legislative Aide to CM Brown



January 6, 2022

Dear Property Owner,

This letter is to notify you of the status of Neighborhood Traffic Management Program (NTMP) proposal in your area. A successful NTMP petition and subsequent traffic study were completed in the past year to evaluate and determine the applicability of traffic calming techniques to mitigate a neighborhood traffic problem. The specific problem identified on the NTMP petition was the prevalence of speeding vehicles on Douglas Avenue between Newtown Pike and Georgetown Street. The representative for your street chose speed table as the preferred calming method.

Following the analysis of the roadway geometry, the Division of Traffic Engineering proposes the installation of three (3) asphalt speed tables at the following locations:

1. Near 545 Douglas Avenue
2. Near 556/561 Douglas Avenue
3. Near 576/577 Douglas Avenue



Proposed Speed Table Locations for Douglas Avenue

The following are details specific to this project:

- The neighborhood's share of the project cost is 20% of the overall cost which is a onetime cost of \$3,000 per the NTMP guidelines.
 - Councilmember Brown is contributing \$500 to the speed table project reducing the neighborhood responsibility to \$2,500.
 - LFUCG Traffic Engineering is providing 80% of the overall cost which is \$12,000.
- The cost share is voluntary and is not formally assessed against the properties in the petition area. Speed tables will not be built, however, until this cost share amount is provided to LFUCG Traffic Engineering.



- Asphalt speed tables may be constructed on Douglas Avenue if at least 51% of the property owners in the study area return ballot cards voting "Yes". As there are 33 properties in the study area, a minimum of 17 "Yes" votes must be received for the proposal to move forward.
- Speed tables are different from speed bumps or speed humps. The latter are smaller and cause more disruption to motorists and vehicles. The asphalt speed tables proposed for use on Douglas Avenue has an approximate height of 3½ inches and would be approximately 22 feet long from front to back.
- Speed tables are constructed across the entire width of the street with modifications to allow storm water drainage to flow around them.
- Speed tables do not impact city services such as waste collection or snow plowing.
- Speed tables are designed for vehicle speeds in the 20-25 mph range.
- The proposed locations were determined after a desktop review of utility access covers and driveways.

Please note that the Division of Fire & Emergency Services is in opposition to any speed tables. Speed tables would cause delay and add time to their response in the event of an emergency call. Also, speed tables can be the cause of unwanted fire apparatus damage, leading to repairs funded by tax dollars.

The purpose of this notification letter is to inform property owners of the of the NTMP proposal in your area and allow any questions, comments, or concerns to be expressed regarding this proposal. The purpose of the enclosed postage paid petition card is to provide each property owner an equal opportunity to vote. In order for your vote to be counted, please sign, mark your vote, and return the petition card before the close of business on Friday, January 28, 2022. Ballot cards received after this date will not be counted.

Should you have any questions, contact Grace Foley at the Division of Traffic Engineering via Lexcall 311.

Sincerely,



Grace N. Foley, P.E.
Traffic Engineer Senior
Division of Traffic Engineering

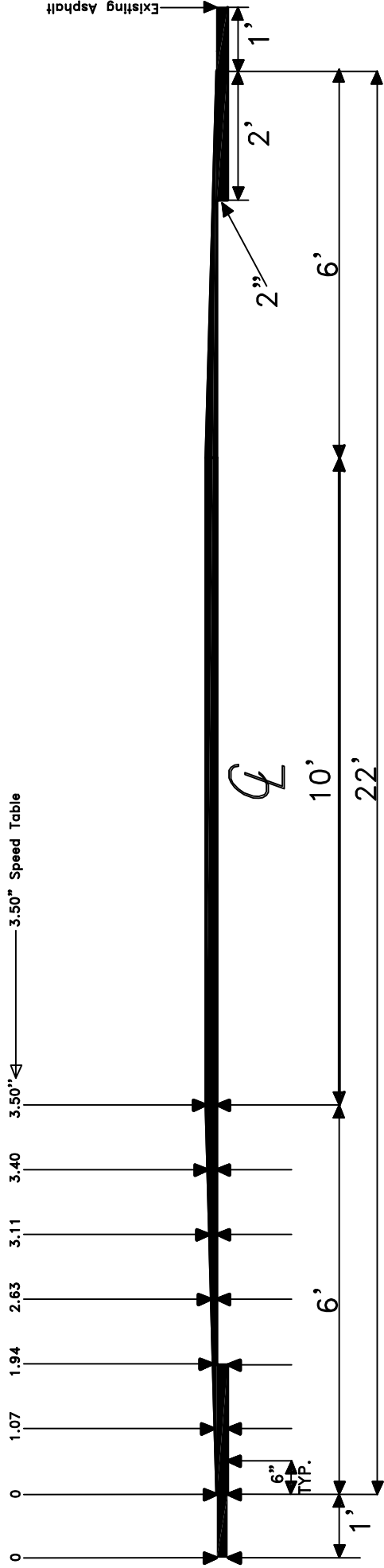
Enclosure: Speed Table Diagram, Postage Paid Ballot Card

cc: James Brown, 1st District Councilmember
Nancy Albright, PE, Commissioner of Environmental Quality & Public Works
Jeffery Neal, PE, Director of Traffic Engineering
Jim Woods, PE, PLS, Deputy Director of Traffic Engineering
Brian C. Knapp, P.E., P.L.S., Traffic Engineering Manager
Greg Lengal, Captain, Division of Fire & Emergency Services
Christopher Van Brackel, Lieutenant, Division of Police
Tiffany Masden, Legislative Aide to CM Brown

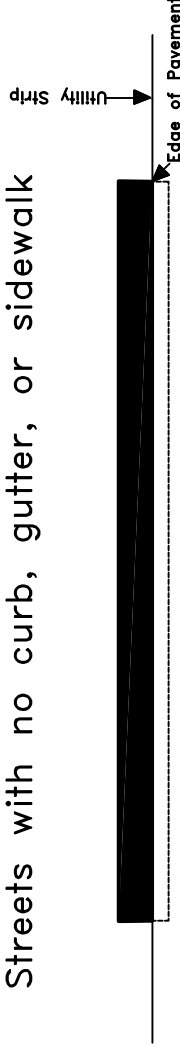


22' SPEED TABLE CROSS-SECTION

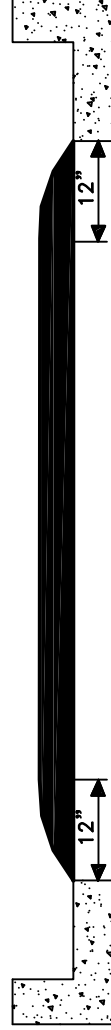
Speed Table cross-section along street



Streets with no curb, gutter, or sidewalk



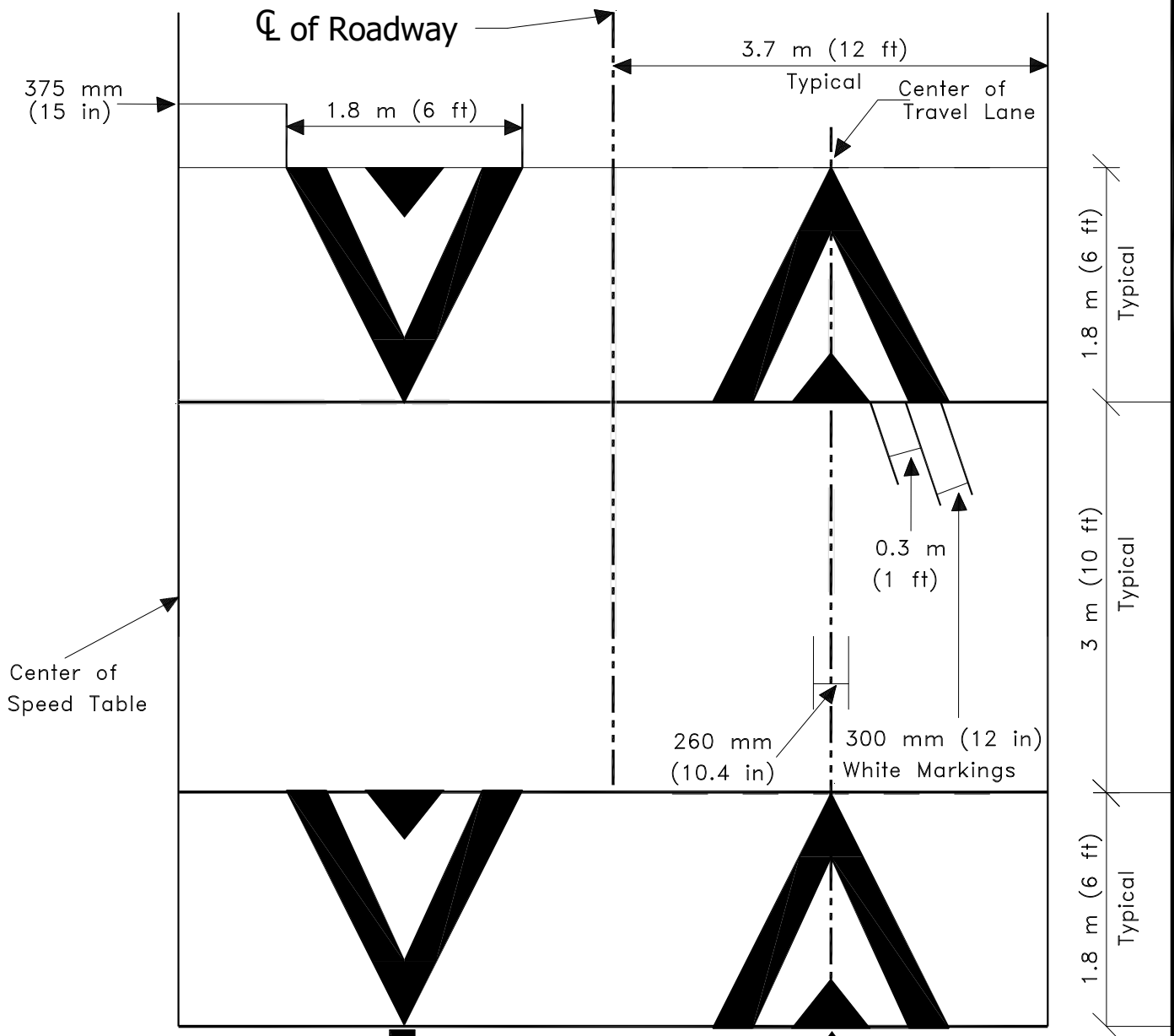
Streets with curb, gutter, and sidewalk



Notes:

1. A 2"X3' key is to be milled at each end of the table.
2. Tack coat is to be applied at each speed table location.

SPEED TABLE STRIPING



NOTE:

12" WIDE HOT MELT MARKINGS ARE TO BE USED ON EACH SPEED TABLE AND ARE TO MEET LFUCG DIVISION OF TRAFFIC ENGINEERING REQUIREMENTS.



February 8, 2022

Ms.Reva Gardener
556 Douglas Avenue
Lexington, KY 40508

Dear Ms. Gardener,

Petition cards were sent from Traffic Engineering via certified mail to the property owners on Douglas Avenue between Georgetown Road and Newtown Pike soliciting a response for or against the installation of 3 speed tables on Douglas Avenue. The letters were mailed on or around January 6th and a response was requested by Friday, January 28th.

A total of 33 postage paid petition cards, letters, and proposed speed table location maps were mailed to the property owners of Douglas Avenue. As of the morning of Monday, February 7th, two mailings were returned as undeliverable and 21 ballot cards were returned with votes. As two mailings were returned undeliverable, the total of eligible votes is reduced to the adjusted total of 31 votes.

Of the 21 petition cards returned:

- 21 votes, or 68% of the adjusted total, were in favor of the installation of speed tables.
- 0 votes, or 0% of the adjusted total, were opposed to the installation of speed tables.

With 68% of the votes cast in favor for installing speed tables, the required minimum of 51% approval of the proposed action is satisfied and the proposal to install speed tables on Douglas Avenue passes. Therefore, Traffic Engineering recommends the installation of speed tables on Douglas Avenue per NTMP guidelines.

If you have any questions or concerns, please contact me.

Sincerely,

Grace N. Foley, P.E.
Traffic Engineer Senior
Division of Traffic Engineering
(859) 258-3485
gfoley@lexingtonky.gov

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