



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: January 11, 2023

SUBJECT: Kentucky Avenue Blue Sheet Request

Project: **Kentucky Avenue Speed Tables**
Council District 03

Request: Authorization to install four speed tables on Kentucky Avenue between East Main Street and East High Street contingent on receipt of sponsor share of funding.

Kentucky 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: \$ 20,000 for FY2024
\$ 0 for Future FY

Budgeted Funds: \$ 18,000 from Sponsor
\$ 2,000 from NTMP Funds

Attached: Kentucky Avenue Ballot Letter, Kentucky Avenue Ballot Results

cc: Hannah LeGris, 3rd District Councilmember
Nancy Albright, PE, Commissioner of Environmental Quality & Public Works
Jim Woods, PE, PLS, Deputy Director of Traffic Engineering
Felicia Arms, Administrative Specialist Senior
Hannah Eiden, Legislative Aide to CM LeGris



September 15, 2023

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 listed on the NTMP petition was “speeding motorists, excessive traffic volumes, and motorcycles using [Kentucky Avenue] as personal drag strip” between East Main Street and East High Street. The representative for your street chose speed tables as the preferred calming method.

Included with this letter is a postage paid ballot card. This card provides each property owner an equal opportunity to vote. In order for your vote to be counted, please mark your vote, include your name and ballot related property address, and return the ballot card by the close of business on Friday, October 6, 2023. Ballot cards not returned or received after this date are counted as “No” votes.

Based on the traffic analysis and roadway geometry, the Division of Traffic Engineering proposes the installation of four (4) asphalt speed tables at the following locations:

- A. 113A/120 Kentucky Avenue
- B. 145/146 Kentucky Avenue
- C. 161 Kentucky Avenue
- D. 179/181 Kentucky Avenue



Proposed Speed Table Locations for Kentucky Avenue

The following are details specific to this project:

- The neighborhood’s share of the project cost is 90% of the overall cost which is a onetime cost of \$18,000 per the NTMP guidelines.
 - LFUCG Traffic Engineering is providing 10% of the overall cost which is \$2,000.
 - The cost per speed table is \$5,000.
- The cost share is voluntary and is not formally assessed against the properties in the study 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 Kentucky Avenue if at least 51% of the property owners in the study area return ballot cards voting “Yes”. As there are 43 properties in the study area, a minimum of 22 “Yes” votes must be received for the proposal to move forward.



- Speed tables are different from speed bumps or speed humps. Speed tables have 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 field review of utility access covers, storm water inlets, 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.

Should you have any questions or want to obtain a copy of the traffic study, contact Brian Knapp with LFUCG's Division of Traffic Engineering.

Sincerely,



Brian C. Knapp, PE, PLS
Traffic Engineer Manager
 Division of Traffic Engineering
 (859) 258-3480
bknapp@lexingtonky.gov

cc: Hannah LeGris, 3rd 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
 Greg Lengal, Captain, Division of Fire & Emergency Services
 Christopher Van Brackel, Lieutenant, Division of Police
 Hannah Eiden, Legislative Aide to CM LeGris





November 13, 2023

Ms. LinaJean Armstrong
121 Kentucky Avenue
Lexington, KY 40502-1718

Dear Ms. Armstrong,

Petition cards were sent from Traffic Engineering via certified mail to the property owners on Kentucky Avenue between East Main Street and East High Street soliciting a response for or against the installation of 4-speed tables on Kentucky Avenue. The letters were mailed on or around September 15th and a response was requested by Friday, October 6th.

A total of 43 postage-paid petition cards, letters, and proposed speed table location maps were mailed to all the property owners on Kentucky Avenue.

As of the morning of Thursday, November 9th, one mailing was undeliverable and 29 ballot cards were returned with votes. As one mailing was undeliverable, the total of eligible votes was reduced to the adjusted total of 42 votes.

Of the 29 petition cards returned:

- 22 votes, or 52% of the adjusted total, were in favor of the installation of speed tables.
- 7 votes, or 17% of the adjusted total, were opposed to the installation of speed tables.

With 52% of the votes cast in favor of installing speed tables, the required minimum of 51% approval of the proposed action is satisfied and the proposal to install speed tables on Kentucky Avenue passes. **Therefore, Traffic Engineering recommends the installation of speed tables on Kentucky Avenue per NTMP guidelines.**

If you have any questions, please give us a call.

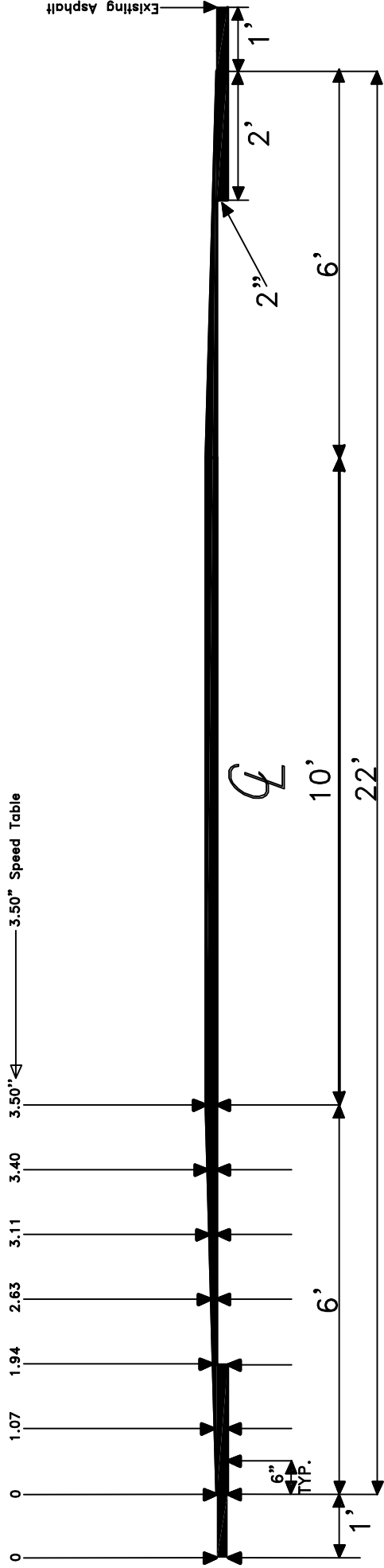
Sincerely,

Jeffery Neal
Director
Division of Traffic Engineering
(859) 258-3830
TE_Admin@lexingtonky.gov

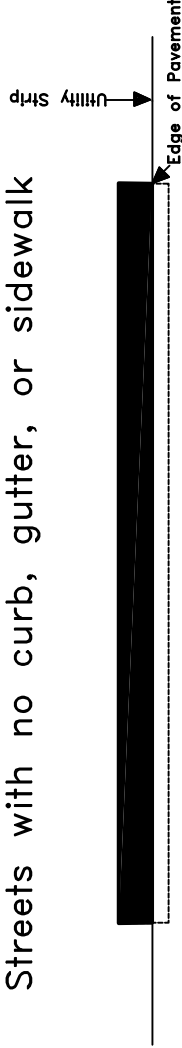
CC: Hannah LeGris, 3rd District Councilmember
Hannah Eiden, Legislative Aide to CM LeGris
Nancy Albright, PE, Commissioner of Environmental Quality & Public Works
Brian Knapp, PE, PLS, Construction Manager of Environmental Quality & Public Works
Jim Woods, PE, PLS, Deputy Director of Traffic Engineering
Grace Foley, PE, Traffic Engineer Sr.
Greg Lengal, Captain, Division of Fire & Emergency Services
Christopher Van Brackel, Lieutenant, Division of Police

22' SPEED TABLE CROSS-SECTION

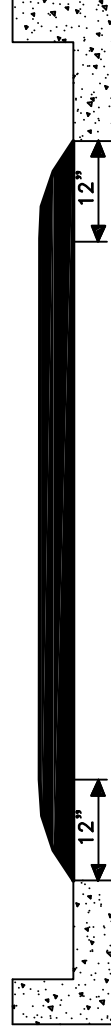
Speed Table cross-section along street



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.

