



TOWN OF CARRBORO
NORTH CAROLINA

TRANSMITTAL

PLANNING DEPARTMENT

DELIVERED VIA: *HAND* *MAIL* *FAX* *EMAIL*

To: David Andrews, Town Manager
Mayor and Town Council

From: Zachary Hallock, Transportation Planner

Date: October 9, 2020

Subject: Update on Residential Traffic Calming Projects

Summary

This document is intended to update the Town Council on the status of current residential traffic calming projects: Plantation Acres and Starlite Drive.

Both projects last had in person public input sessions on March 7, 2020 prior to any restrictions put in place to limit the spread of COVID-19. The purpose of these meetings (for both Starlite Drive and Plantation Acres) was to assess resident concerns based on their observations, coupled with vehicle speed and volume data collect by Town Staff. Moving forward, staff have worked to develop concept level drawing that could be use for a follow up public input session, to better incorporate feedback from residents and ensure their needs are met. These meetings have not been scheduled yet.

Plantation Acres

With the approval of the Lloyd Farm Phase 1 Conditional Use Permit, Town staff organized a neighborhood meeting to discuss resident observations of traffic patterns and preferences for traffic calming on Saturday, March 7th. Staff are using the feedback received from that meeting to develop a conceptual traffic calming plan for the neighborhood and plan on returning to the neighbors for additional feedback. This concept focuses primarily on short term treatments which can be installed for a low cost such pavement markings or curb extensions using paint and delineators. Furthermore, because this neighborhood operates as a network, staff want to to allow for proper consideration of how changes made in one locations will affect other places in the neighborhood. Modifications to the access of Carol Street at Old Fayetteville Road will be discussed with residents through a separate process dedicated to that topic. Staff will continue to

work to determine the best route to gather public input on a concept plan, and will present to the public once finalized.

Starlite Drive

Starting in later 2018, staff had begun to receive regular comments from residents indicating concern about speeding vehicles conflicts on curves in the road. Council directed staff to implement traffic calming measures at this location, and a neighborhood meeting was held on March 7th to assess the primary concerns of residents and discuss potential treatments.

Our partners at the DCHC MPO have entered into contract with Remix, a company which provides a transportation data and concept planning platform which is a valuable tool for visualizing changes to streets. Staff have utilized this tool to develop a concept plan for Starlite Drive, which includes speed tables, pavement markings, and painted curb extensions. Staff had originally intended to present this concept plan to the community via an in-person meeting. However, due to the restrictions in place to limit the spread of COVID-19, this is no longer feasible. Staff are developing an information sheet about the proposed types and locations of traffic calming measures to be mailed to residents along with the concept plan, feedback form, and stamped return envelope in order to facilitate community input on the design of the traffic calming measures.

The concept plan for Starlite Drive that was developed using Remix can be found on the next page.

Starlite Dr Concept Plan



Paint curb extension to provide visual cue and help prevent vehicles from turning too sharply.

Construct mid-block speed table to manage vehicle speed along the straightaway

Paint centerline along curves to visually define roadway and help keep vehicles in their lane and reduce speed