



## MEMORANDUM

To: Lee Ainsworth, PE, NCDOT Division 10, District 3 Engineer  
Don Kelly, PE, City of Monroe

From: Amy Massey, PE, Kimley-Horn and Associates, Inc.

Date: October 30, 2017

Subject: ***Secrest Village Traffic Impact Analysis Addendum  
Traffic Mitigation***

The purpose of this memo is to document required transportation improvements as a result of the Traffic Impact Analysis (TIA) and subsequent North Carolina Department of Transportation (NCDOT) and City of Monroe staff review for the Secrest Village development located in Monroe, North Carolina. The TIA was prepared by Kimley-Horn and Associates, Inc. (9-19-2017).

Build-out of the Secrest Village development is anticipated to be complete in 2022, with associated developer improvements outlined below:

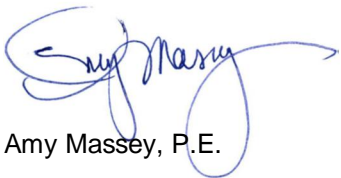
1. Construct an eastbound left-turn lane along Waxhaw Highway at Monroe-Weddington Road with 75 feet of storage and appropriate taper. Modify the existing traffic signal to accommodate this improvement.
2. Construct a directional crossover for Access #1 at Waxhaw Highway with one right-turn only egress lane, one ingress lane, and the following improvements:
  - a. Westbound left-turn lane along Waxhaw Highway with 150 feet of storage and appropriate taper.
  - b. Median islands for the directional crossover extending to the west 100 feet past the end of the access radius and to the east to the end of the left-turn lane approach taper.
3. Construct Access #2 and Access #3 aligned at NC 200 (MLK Jr Blvd) and the following improvements:
  - a. Shared left-through lane and an exclusive right-turn lane with 100 feet of storage on Access #2. One ingress lane on Access #2.
  - b. One shared egress lane and one ingress lane on Access #3.
  - c. Three-lane section between the NC 200/Waxhaw Highway Connector intersection and the NC 200/Skywatch Lane intersection.
  - d. Northbound left-turn lane along NC 200 at Access #2/#3 with 100 feet of storage and appropriate taper.
  - e. Southbound left-turn lane along NC 200 at Access #2/#3 with 100 feet of storage and appropriate taper.
  - f. Southbound right-turn lane along NC 200 at Access #2/#3 with 75 feet of storage and appropriate taper.

4. Construct Access #4 to form the southbound approach of the Stevens Street/Sonny Court intersection with one shared egress lane and one ingress lane.
5. Connections will also be made to Kevinshire Court and Rainmaker Drive.

We appreciate the opportunity to be of service. Please contact me if you have any questions.

Very truly yours,

KIMLEY-HORN AND ASSOCIATES, INC.



Amy Massey, P.E.