



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

JAMES H. TROGDON, III  
SECRETARY

February 14, 2017

Ms. Lisa Anglin  
Town Clerk  
Sunset Beach  
700 Sunset Boulevard N.  
Sunset Beach, NC 28468

Dear Ms. Anglin,

Our office received a request for a reduced speed limit on SR 1873 (Forest Drive). It was found that the warrants were met to reduce this road to 25mph. Since this is within the Town of Sunset Beach limits, we will need a concurring municipal ordinance.

The ordinance wording for the new 25mph ordinance on SR 1873 is: (Forest Drive) between NC 179 Business (Beach Drive SW) and 0.770 mile southwest of NC 179 Business.

Please put this matter on a Town Council meeting agenda for adoption of a traffic ordinance or resolution by the Council. We have included the original Certification of Municipal Declaration form, on watermarked bond paper, to enact the 25mph speed limit ordinance #1071453. When adopted, please complete the form, certify and seal it and return it by mail to my attention at the below address. There can be no changes or corrections made on the certificate.

You may contact me or Bob Hammond, Traffic Engineering Technician, at 910.341.0300 if you have any questions or need additional information.

Sincerely,

A handwritten signature in black ink that reads "Jessi Leonard".

Jessi Leonard, PE  
Division Traffic Engineer

JLL/

Attachments  
cc: File

*Mailing Address:*  
NC DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
5504 BARBADOS BOULEVARD  
CASTLE HAYNE, NC 28429

*Telephone:* (910) 341-0300  
*Fax:* (910) 602-7079  
*Customer Service:* 1-877-368-4968

*Website:* [www.ncdot.gov](http://www.ncdot.gov)

*Location:*  
TRAFFIC SERVICES  
5504 BARBADOS BOULEVARD  
CASTLE HAYNE, NC 28429



Transportation

ROY COOPER  
Governor

MICHAEL L. HOLDER  
Acting Secretary

January 5, 2017

Kevin C. Scott  
Bonaparte's Retreat II (POA)  
9040 Forest Drive  
Sunset Beach, NC 28468

Dear Mr. Scott,

This is in regard to your request for a reduced speed limit on SR 1873 (Forest Drive) in Brunswick County. We share your concern for highway safety and appreciate you bringing your concerns to our attention.

The Department has completed an engineering investigation to determine if the technical warrants are met to recommend changing the speed limit. A speed study was conducted that includes evaluating the 85<sup>th</sup> percentile speed, road characteristics, existing conditions, and surrounding environment. The 85<sup>th</sup> percentile speed is the speed at or below which 85 percent of the sampled vehicles travel. The majority of drivers operate their vehicles at a speed that is comfortable without strict enforcement, regardless of the signage. Typically, the 85<sup>th</sup> percentile speed is used to determine the speed limit. The 85<sup>th</sup> percentile speed on SR 1873 (Forest Drive) was 22mph within the 35mph zone, indicating that this is the speed that most drivers consider reasonable.

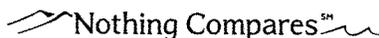
Based on the findings, we recommend a speed limit of 25mph for SR 1873 (Forest Drive). This section of SR 1873 (Forest Drive) is within the Town of Sunset Beach limits and will require the Town of Sunset Beach and the Department to enact concurring ordinances. Upon approval of the Town of Sunset Beach, we will install the 25mph signs. A pamphlet is included on speed limits produced by the NC Department of Transportation, which explains how speed limits are determined throughout the state.

If you have concerns that the speed limit is not being obeyed, please contact your local law enforcement. Feel free to contact me or Allen Hancock, Assistant Division Traffic Engineer at (910) 341-0300 if you have any questions or need additional information.

Sincerely,

Jessi Leonard, PE  
Division Traffic Engineer

JLL/ah  
Attachments  
cc: File



*Called Bob Hammond  
2/14/17 - He is  
looking for PW  
will get back to  
us ASAP*