Legislation Text

File #: [19-0733], **Version:** 1

Amend Chapter 21 of the Code of Ordinances on Turn Regulations to Prohibit Right Turns on a Red Signal at Several Intersections. *(Reissued from September 11, 2019)*

Staff:	**Department:**
Lance Norris, Director	Public Works
Chris Blue, Police Chief/Executive Director for Community Safety	Police
Kumar Neppalli, Traffic Engineering Manager	Public Works

Overview: This amendment responds to a Council Member petition from Fall 2016 that right turns on red be prohibited at several intersections to reduce conflicts between vehicles and pedestrians. If Council enacts the ordinance, Town staff will install signs at the intersections to indicate where right turns are prohibited on red.

Recommendation(s):

That the Council enact an ordinance that amends turn regulations, prohibiting right turns on a red signal at the following intersections:

1) From Caswell Road (both approaches) to Estes Drive
2) Franklin Street and Eastgate Shopping Center Entrance
3) Franklin Street and Hillsborough Street
4) Franklin Street and Henderson Street
5) Raleigh Street and Cameron Avenue/Country Club Road
6) South Road and Country Club Road
7) From South Road (westbound approach only) to Columbia Street
8) Columbia Street and Rosemary Street
9) Columbia Street and Franklin Street
10) Columbia Street and Cameron Avenue
11) Rosemary Street and Hillsborough Street
12) Rosemary Street and Henderson Street
13) Rosemary Street and Church Street
14) Manning Drive and Ridge Road
15) Manning Drive and Paul Hardin Drive
16) Raleigh Road (NC 54) and Hamilton Road

*Unless otherwise noted, the above list indicates a "no right turn on red" regulation at all approaches to the intersection.

Key Issues:

- Town and NCDOT staff reviewed the request. For signalized intersections that met at least one of the following criteria from the Manual on Uniform Traffic Control Devices (MUTCD), the staffs recommend a "No Right Turn on Red":
    - An exclusive pedestrian phase

  - An unacceptable number of pedestrian conflicts with right-on-red vehicles
  - Geometric or operational characteristics of the intersection that might result in unexpected conflicts
- In March 2017 <https://chapelhill.granicus.com/MetaViewer.php?view_id=21&clip_id=3059&meta_id=155248>, staff provided this report and recommendation to the Council. The Council deferred the item and referred the report to the Transportation and Connectivity Advisory Board for further review of time of day restrictions and Level of Service Criteria (LOS) at the subject intersections.
- At its February 26, 2019 meeting <https://chapelhill.legistar.com/LegislationDetail.aspx?ID=3865544&GUID=8BF3A8C7-61C0-488C-9593-AE4E65EE708C>, the Transportation and Connectivity Advisory Board unanimously recommended Council approval with the modification that right turns on red be prohibited at all hours of the day.

Fiscal Impact/Resources: No fiscal impact is identified at this time. Signs are available in stock.

Attachments:

- Ordinance
- Location Map

The Agenda will reflect the text below and/or the motion text will be used during the meeting.

PRESENTER: Kumar Neppalli, Traffic Engineering Manager
Donnie Rhoads, Patrol Captain

RECOMMENDATION: That the Council enact an ordinance that amends turn regulations, prohibiting right turns on a red signal at various intersections.