



Item Overview

Business Meeting – 03/20/2017

Agenda # 4

Subject: Amend Chapter 21 of the Code of Ordinances on Turn Regulations to Prohibit Right Turns on a Red Signal at Several Intersections.

Staff:

Lance Norris, Public Works Director
Chris Blue, Chief of Police
Kumar Neppalli, Traffic Engineering Manager

Department:

Public Works
Police
Public Works

Overview: The purpose of this item is to respond to a Council Member petition from Fall 2016 requesting prohibition of right turns on a red signal at several intersections to reduce conflicts between vehicles and pedestrians. Enactment of the attached ordinance would prohibit right turns on a red signal at several signalized intersections from 7:00 AM to 11:00 PM. These intersections meet the criteria from the Manual on Uniform Traffic Control Devices (MUTCD).



Recommendations

That the Council enact the attached ordinance that amends turn regulations to prohibit 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) 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 Harding Drive

*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 and recommend prohibition of right turns at several signalized intersections as noted above. Recommended locations are shown on the attached map.

- Intersections that met at least one of the following criteria from the MUTCD were recommended:
 - 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







Next Steps:

- If the ordinance is enacted, the intersections would be signed to indicate where right turns on red are prohibited.

Fiscal Impact/Resources:

- No fiscal impact identified at this time. Signs are available in stock.

Council Goals:

<input type="checkbox"/>		Create a Place for Everyone	<input type="checkbox"/>		Develop Good Places, New Spaces
<input type="checkbox"/>		Support Community Prosperity	<input type="checkbox"/>		Nurture Our Community
<input checked="" type="checkbox"/>		Facilitate Getting Around	<input type="checkbox"/>		Grow Town and Gown Collaboration



Attachments:

- Ordinance
- Location Map

Location	AM Peak LOS		PM Peak LOS	
1) From Caswell Road (both approaches) to Estes Drive	C	C	C	C
2) Franklin Street and Eastgate Shopping Center Entrance	C	C	D	D
3) Franklin Street and Hillsborough Street	C	C	E	E
4) Franklin Street and Henderson Street	B	B	C	C
5) Raleigh Street and Cameron Avenue/Country Club Road (all approaches except westbound)	D	D	D	D
6) South Road and Country Club Road (southbound and eastbound approaches only)	C	C	D	E
7) Columbia Street and Rosemary Street	C	D	D	E
8) Columbia Street and Franklin Street	C	D	D	E
9) Columbia Street and Cameron Avenue	D	D	E	E
10) Rosemary Street and Hillsborough Street	C	C	C	C
11) Rosemary Street and Henderson Street	B	B	C	C
12) Rosemary Street and Church Street	C	C	C	C
13) Manning Drive and Ridge Road (all approaches except eastbound)	C	D	D	E
14) Manning Drive and Paul Hardin Drive	C	D	D	E

**AN ORDINANCE AMENDING CHAPTER 21 OF THE CODE OF ORDINANCES
ON TURN REGULATIONS (2017-03-20/O-2)**

BE IT ORDAINED by the Council of the Town of Chapel Hill as follows:

Section 1. Chapter 21, Article III, Section 21-12. –Turn regulations, is hereby amended by adding a new subsection Section 21-12(n) to read as follows:

“(n) It shall be unlawful for the driver of a vehicle of any kind to make a right turn on a red signal at the following intersections from 7:00 AM to 11:00 PM:

- 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) 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 Harding Drive”

Section 2. This Ordinance shall become effective March 20, 2017.


This the 20th day of March, 2017.


Map Prepared by
Chapel Hill GIS
Planning & Sustainability
March 2017

Legend

- Chapel Hill City Limits
- Carrboro City Limits

Legend

 Chapel Hill City Limits

 Carrboro City Limits