

Manager's Update

raleighnc.gov



Issue 2021-32

August 27, 2021

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INFORMATION:

Requirement for Maintenance of Private Fire Hydrants

Staff Resource: Whit Wheeler, Raleigh Water, 996-4582, william.wheeler@raleighnc.gov

Recently a Council Member was contacted by a property management company with questions regarding the maintenance of a private fire hydrant located within a commercial shopping center. The inquiry was forwarded to staff for clarification. Included with the Update materials is a staff memorandum which explains the situation with fire hydrants mandated by the state fire code but located upon private property. The Raleigh Fire Department enforces the requirement to adequately maintain fire hydrants that fall into this category, pursuant to *Ordinance 2014-253* adopted by the City Council in January 2014.

(Attachment)

Weekly Digest of Special Events

Staff Resource: Sarah Heinsohn, Special Events Office, 996-2200, sarah.heinsohn@raleighnc.gov

Included with the *Update* materials is the special events digest for the upcoming week.

(Attachment)

Council Member Follow Up Items

Follow Up from the August 17 City Council Meeting

Cross Link Road: Traffic Flow and Speeding Concerns (Council Member Branch)

Staff Resource: Will Shumaker, Transportation, 996-4175, william.shumaker@raleighnc.gov

During the meeting Council Member Branch reported that he has been fielding complaints regarding traffic flow along Cross Link Road with the newly installed traffic calming project and concerns with speeding in general in this area. Council requested staff to provide information; included with the *Update* materials is a staff memorandum containing additional information and background.

(Attachment)

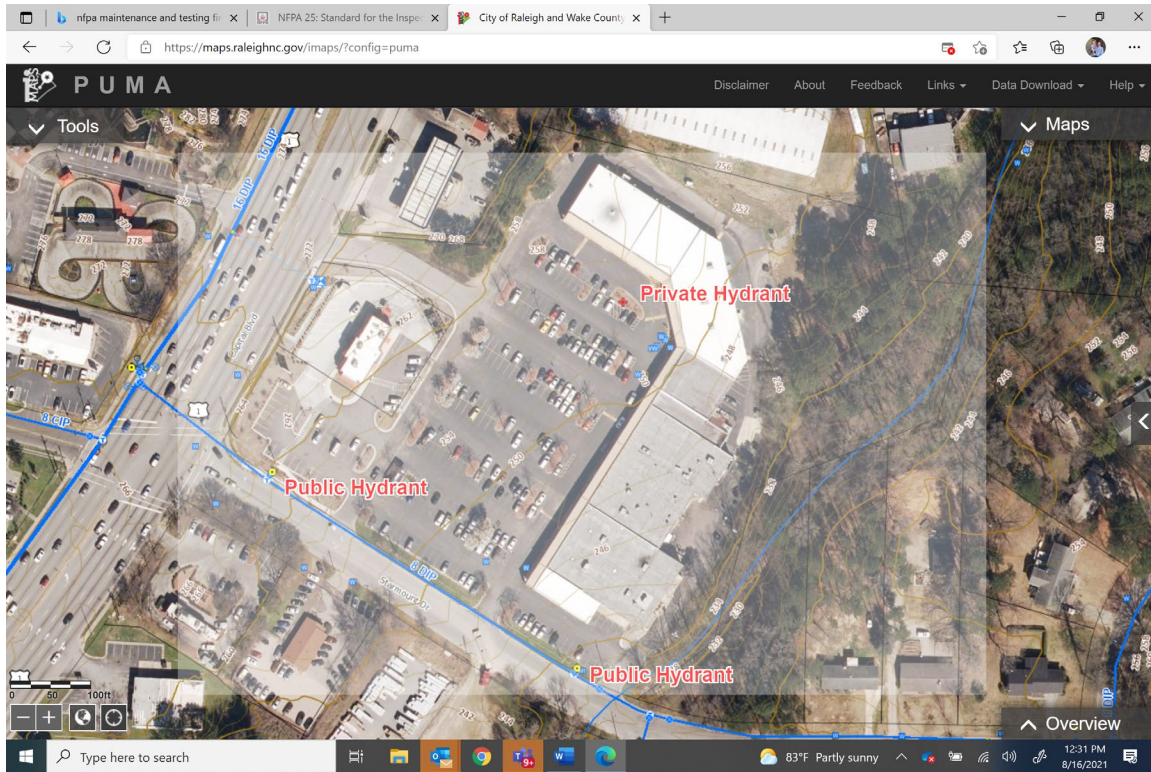
To	Marchell Adams-David, City Manager
Thru	Robert Massengill, PE - Director
From	Whit Wheeler, PE – Assistant Director
Department	Raleigh Water
Date	August 16, 2021
Subject	Privately Owned Fire Hydrants

Raleigh Water owns and operates a system of 2,382 miles of watermain with an associated 23,452 fire hydrants that serve the public. Larger properties under single ownership often install private fire hydrants to meet fire protection code requirements for that single parcel or development. In many cases the privately owned fire protection system may consist of sprinkler systems, fire booster pumps and private fire hydrants. These systems are required to be separated from the public water system by means of a backflow prevention valve. These privately owned systems are regulated under the National Fire Protection Association code (NFPA 25 Standard for the Inspection, Testing and Maintenance of Water-Based Fire Protection Systems) which is administered by the local Fire Marshall. NFPA 25 requires annual inspection and maintenance of private fire hydrants. Fire hydrants owned by Raleigh Water are not regulated under NFPA codes. Currently there are approximately 7,000 private fire hydrants in the Raleigh Water Service Area. The majority of these hydrants belong to industrial properties, shopping centers, commercial businesses, apartment complexes, hospital campuses, government facilities and other tax-exempt properties.

These private water system and associated hydrants were designed and permitted as private systems in accordance with City standards and are installed completely on the owners' properties with no public rights-of-way or easement. The City does not have the property access rights to maintain these private systems, which were never intended to be publicly maintained.

In 2014 City Council adopted the following ordinance **“AN ORDINANCE TO AMEND THE FIRE CODE AS IT APPLIES TO PRIVATE FIRE HYDRANTS AND TO ESTABLISH A NUISANCE FOR FAILURE TO MAINTAIN PRIVATE FIRE HYDRANTS AS REQUIRED BY STATE LAW”** to provide the Fire Marshall's office a means to address the issues of non-compliance. The ordinance also provides authority for Public Utilities to enter the property, abate the nuisance and bill the owner for the work performed.

In the case of the subject property of 3300 Capital Starmount Shopping Center, the property is currently served by two public fire hydrants located in the right of way of Starmount Drive. There is one private hydrant located far into the interior of the shopping center for the specific use of that development.



ORDINANCE NO. 2014 – 253

AN ORDINANCE TO AMEND THE FIRE CODE AS IT APPLIES TO PRIVATE
FIRE HYDRANTS AND TO ESTABLISH A NUISANCE FOR FAILURE TO
MAINTAIN PRIVATE FIRE HYDRANTS AS REQUIRED BY STATE LAW

NOW THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF
RALEIGH THAT:

Section 1. The following listed Sections of Part 5 of the Raleigh City Code are amended by substituting for the term "Fire Prevention Bureau" the term "Office of Fire Marshal": Sec. 5-2034; Sec. 5-2038; Sec. 5-2039(a); Sec. 5-2046; and Sec. 5-2048.

Section 2. Section 5-2048(e)(1) of the Raleigh City Code, "Equitable remedies, including injunctions and order of abatement," is hereby amended by the addition of a new sentence which is shown by inserting the following underlined language into the existing section to read as follows:

(1) **Equitable remedies, including injunctions and orders of abatement.**

As authorized by the *City Council*, the *City* may apply for any appropriate equitable remedy to enforce the provisions of this article, including mandatory or prohibitory injunctions commanding the defendant, or in the case of counterclaims the plaintiff, to correct the unlawful condition or cease the unlawful use of *property*; or apply for orders of abatement directing that buildings or other structures on the *property* be closed, demolished, or removed; that fixtures, furniture, or other movable *property* be moved; that improvements or repairs be made; or that other action be taken as necessary to secure compliance with the provisions of this article. The Fire Department is authorized to use the abatement power established in Section 5-2049 of the Code when appropriate instead of seeking Council authorization for an abatement order to be issued by the courts.

Section 3. Article B. "Fire Prevention" of the Raleigh City Code is hereby amended by the addition of three new sections to establish (1) a public safety nuisance for the failure to maintain and inspect private fire hydrants as required by State law; (2) nuisance abatement procedures to be applied by the Fire Department and the Public Utilities Department; (3) methods for service of notices of abatement procedures; and (4) an appeals process from civil penalties and administrative fees issued pursuant to these abatement procedures and which new sections read as follows:

Ordinance No. 2014-253
Adopted: January 7, 2014
Effective: January 7, 2014

Sec. 5-2049. – ABATEMENT OF PUBLIC SAFETY NUISANCES

(a) **Public Safety Nuisances Established.**

The failure to maintain the license for a private fire hydrant in violation of the Fire Prevention Code is hereby found, deemed and declared to constitute a detriment, danger and hazard to the health, safety, morals, and general welfare of the inhabitants of the *City* and is found, deemed and declared to be public *nuisance* wherever the same *may* exist and the creation, maintenance, or failure to abate any *nuisances* is hereby declared unlawful.

(b) **Nuisance Abatement Procedures.**

When any public *nuisance* as set out in this section is found to exist on any *property*, including rights-of-way and easements within the *City* and one (1) mile beyond the *City* limits, the *following* procedures *shall* be followed:

(1) **Notice to Owner.**

The Office of Fire Marshal of the *City* *shall* notify the *owner* of the premises where the *nuisance* is located that:

- a. The conditions identified in the notice of violation exist which constitute a public *nuisance*;
- b. The Code provision(s) identified by Code section number are violated by the stated conditions on the property;
- c. The Office of Fire Marshal will assess civil penalties and administrative fee of one hundred dollars (\$100.00) for second and subsequent notice of violation of the Nuisance Code provisions occurring within twelve (12) months of the first such notice of violation;
- d. The property may have been posted on the date of the *nuisance* notice of violation with a placard or other appropriate means of notice declaring the property is a public *nuisance* property;
- e. Unless the public *nuisance* is abated within ninety (90) calendar days from the mailing of the notice, the Office of Fire Marshal will initiate the procedures to abate the conditions constituting a *nuisance*;
- f. The cost of abatement, including an administrative fee of one hundred seventy-five dollars (\$175.00), also including the cost, if any to reseed areas which were formerly a *nuisance*, *shall* constitute a lien against the premises with funds paid to discharge the lien payable to the Department of Public Utilities.

The City Manager *shall* make, and may from time to time alter and amend, guidelines to be used by the Office of Fire Marshal in the implementation of the procedures to be used for posting *nuisance* notices of violation. The Office of Fire Marshal, to the extent required by law, *shall* make application for and obtain any permit required prior to undertaking the activities to abate the *nuisance*. The Office of Fire Marshal is authorized to request assistance from the Public Utilities Department in the abatement of nuisances. The Public Utilities Department is authorized, as requested by the Office of Fire Marshal, to abate nuisance pursuant to the section of the Code.

(c) **Entry of Premises Authorized**

The Office of Fire Marshal and the Utilities Departments are hereby given full power and authority to enter upon the premises involved for the purpose of posting the property as a public nuisance and of abating the *nuisance* found to exist as herein set out. Within the ninety-day period mentioned in subsection (a) hereof the *owner* of the *property* where the *nuisance* exists *may* appeal the findings of the Fire Marshal made pursuant to subsection (a) hereof to the *Council* by giving *written* notice of appeal to the Office of Fire Marshal, the appeal to stay the abatement of the *nuisances* by the Fire Department until a final determination by the *Council*. In the event no appeal is taken, the Office of Fire Marshal and the Public Utilities Department *may* proceed to abate the *nuisance*.

(d) **Appeal**

The *Council* in the event an appeal is taken as provided in subsection (c) hereof *may*, after hearing all interested *persons* and reviewing the findings of the Fire Marshal, reverse the finding made pursuant to subsection (b) hereof; but if the *Council* *shall* determine that the findings of the Fire Marshal made pursuant to said subsection is correct and proper it *shall* adopt an ordinance specifically declaring the condition existing on the *property* to be a danger and hazard to the health, safety, morals, and general welfare of the inhabitants of the *City* and a public *nuisance* and directing the Office of Fire Marshal to cause the conditions to be abated. An appeal of an administrative fee demand for payment must be filed *in writing* with the Fire Marshal within ten (10) days after service of the *written* demand for payment of the Office of Fire Marshal on the petitioner. The *written* appeal *shall* provide the reasons the petitioner contends that the administrative fee was wrongly applied and any supporting documentation.

(e) **Collection of the Abatement Costs**

After the abatement of the *nuisance* as provided in subsections (b), (c) or (d) hereof the cost of such abatement *shall* become a lien against the premises upon confirmation of the cost thereof by the *Council*, which said confirmation *shall* take place only after ten (10) days' *written* notice to the *owner* of the premises where the *nuisance* existed of the proposed confirmation. Upon confirmation the cost of abatement *shall* be a lien against the premises from which the *nuisance* was abated the same to be recorded as provided in G.S. 160A-216 *et seq.* and to be collected as unpaid taxes.

Sec. 5-2050. -METHODS OF SERVICE.

- (a) *Nuisance* notices of violation issued by the Fire Department *shall* be served upon persons personally, by first class mail, or by posting on the property in conjunction with first class mail. Service *shall* be deemed sufficient if the first class mail is not returned by the post office within ten (10) days after the mailing. Service by posting *shall* be deemed sufficient if the first class mail is returned and notice of the pending proceedings was posted in a conspicuous place on the property affected on the day the first class mail notice was sent.
- (b) Abatement notices, assessments of civil penalties and administrative fees, and appeal decisions *shall* be served upon persons personally or by first class mail. Service *shall* be deemed sufficient if the first class mail is not returned by the post office within ten (10) days after the mailing."

Sec. 5-2051.-APPEALS OF CIVIL PENALTY ASSESSMENTS AND ADMINISTRATIVE FEES ISSUED FOR ABATEMENT OF PUBLIC NUISANCES.

- (a) Any person assessed a civil penalty or an administrative fee as a result of a public nuisance abatement *may* appeal by filing a written notice of appeal with the Fire Marshal within ten (10) days after service of the written demand for payment of the assessment. The *written* appeal *shall* provide the reasons the petitioner contends that the administrative fee was wrongly applied and any supporting documentation. Failure to file a notice of appeal within this time period *shall* constitute a waiver of the right to contest the civil penalty or the administrative fee.
- (b) Using the information provided, the Fire Marshal *shall* conduct a review of the appeal. The Fire Marshal *may* amend or reverse the assessment.

Ordinance No. 2014-253
Adopted: January 7, 2014
Effective: January 7, 2014

(c) Unless the Fire Marshal resolves the appeal, the Office of Fire Marshal *shall* schedule the appeal for determination by the *City Council* if the person who filed the appeal so requests. The *City Council shall* fix a reasonable time for the hearing of an appeal, *shall* give due notice of such hearing to the petitioner and the *City Manager*, and *shall* render its decision in a reasonable time.

(d) The *City Council's* decision on a civil penalty appeal or an administrative fee is subject to further review in the superior court of the county by proceedings in the nature of certiorari. Any petition for writ of certiorari *shall* be filed with the clerk of superior court within 30 days after the date that the *City Council's* decision is issued.

Section 4. All laws and clauses of laws in conflict herewith are repealed to the extent of such conflict.

Section 5. If this ordinance or application thereof to any person or circumstance is held invalid, such invalidity shall not affect other provisions or applications of the ordinance which can be given separate effect and to this end the provisions of this ordinance are declared to be severable.

Section 6. This ordinance is effective upon adoption.

ADOPTED: January 7, 2014
EFFECTIVE: January 7, 2014

DISTRIBUTION: Fire Chief John McGrath
Assistant Chief – Fire Marshall Kendall Hocutt
Department Heads
Transcription Services – Taylor

Prepared by the Raleigh City Attorney's Office



CITY OF RALEIGH FIRE DEPARTMENT OFFICE OF THE FIRE MARSHAL

Kendall Hocutt, Fire Marshal
Steve Berry, Assistant Fire Marshal
Timothy Henshaw, Assistant Fire Marshal
Jeffrey Johnson, Assistant Fire Marshal
Charles Williams, Assistant Fire Marshal

To Whom It May Concern:

We are writing to inform you that the Raleigh Fire Department has been tasked from the North Carolina Fire Prevention Code and city ordinance to enforce requirements concerning inspection, testing, maintenance and repair of private fire hydrant systems. According to our records, one or more private fire hydrants are located on property that you own.

By law, the responsibility for properly maintaining a water-based fire protection system belongs to the owner of the property where the private system is located. The owner may enter into a written use agreement or management contract that places responsibility on another person. We are not aware of any written agreement that transfers responsibility for your property.

The Fire Prevention Code sets standards designed to protect life and property by ensuring that private fire protection systems work when they are needed in an emergency. The code sets standards for inspection, testing and maintenance, for repairs to damaged systems and for applicable permits. Please read the paragraphs below that more fully explain these requirements.

Inspection, Testing and Maintenance.

The Fire Prevention Code requires that fire hydrant systems must be flow tested and maintained at least once each year. These fire hydrant systems must be maintained in an operative condition at all times and must be repaired where defective. Any needed additions, repairs, alterations and servicing of water-based fire protection systems such as fire hydrants must comply with the national standard known as NFPA 25(National Fire Protection Association Standard 25).

Unobstructed access to fire hydrants must be maintained at all times because the Fire Department needs immediate access in case of an emergency. Obstructions which may include posts, fences, vehicles, landscaping or undergrowth, trash, storage equipment or other materials must be moved so that a 3-foot clear space is maintained around the circumference of each fire hydrant except as otherwise required or approved. Objects that might interfere with proper operation of fire hydrants, fire department inlet connections or fire protection system control valves must be removed. It is also critical that fire protection equipment be easily seen and the 3-foot clear space specified in the Fire Prevention Code help in this regard. Objects may not be stored in a manner that would prevent inlet connections, control valves or fire hydrants from being immediately discernible. Where fire hydrants are subject to impact by a motor vehicle, guard posts or other approved means are required to protect those hydrants.

310 W. Martin Street, P.O. Box 590, Raleigh, NC 27602
Phone (919) 831-6115
Fax (919) 831-6180

Impairments.

The property owner or responsible party shall promptly correct or repair deficiencies, damaged parts or impairments found during the performance of the inspection, test and maintenance requirements of the National Fire Protection Association Standard 25. Corrections and repairs shall be performed by a licensed and qualified contractor. The NC State Board of Examiners for Plumbing, Heating and Fire Sprinkler Contractors maintains a list of licensed sprinkler contractors. You may reach the Board at the number below or through its website:

- (1) Call (919) 875-3612 or use the following web link to the NC State Board of Examiners for Plumbing, Heating and Fire Sprinkler Contractors that is www.nclicensing.org.
- (2) Select the subtitle License Search from the left side of webpage.
- (3) Under the Classification drop down tab, select the Fire Sprinkler Installation Contractors and search.

As explained below, the property owner or the owner's contractor must obtain a mandatory permit before making repairs or alterations.

Mandatory Permits.

When a qualified licensed contractor has been selected and hired to perform the work, you or your representatives should call (919) 516-2495 or view the City of Raleigh Development Service Customer Service Center guidelines to obtain mandatory fire protection permits prior to modifying any private hydrant water system. Those guidelines are available online at: <http://www.raleighnc.gov/business/content/CityMgrDevServices/Articles/DevelopmentServices/CSC.html>

A construction permit is required for the installation or modification of private fire hydrants. An operational permit is required for the removal from service, use or operation of private fire hydrants. With very limited exceptions, an operational permit is also required to use or operate private fire hydrants systems or valves intended for fire suppression purposes. This required permit application may be obtained from the following link: <http://www.raleighnc.gov/content/CityMgrDevServices/Documents/DevelopmentServices/CSC/PermitApplication.doc>

Required Action for Property Owners or Responsible Parties.

Upon completion of checking all fire hydrants within the city for proper operation annually, we will mail, a certified letter, any deficiencies to the responsible property owners or responsible parties. Upon receipt of this letter from the Raleigh Fire Department, the property owners or responsible parties should follow the steps listed in the previous paragraphs titled impairments and mandatory permits to make corrections and repairs. Whenever property owners or responsible parties have their annual water-based fire protection systems tested, they should include all fire hydrants flow test on the property site for proper operation. Water-base fire protection systems may include but not limited to sprinklers, standpipes, valves and fire pumps. Any deficiencies or impairments listed by a licensed sprinkler contractor conducting such work should be corrected immediately with proper permits when applicable.

We will allow 90 days from the receipt of this letter for you to take the necessary action to bring

310 W. Martin Street, P.O. Box 590, Raleigh, NC 27602
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Fax (919) 831-6180

the property into compliance with the Fire Prevention Code. If after 90 days the deficiencies are not corrected, the Raleigh Fire Department will notify the Raleigh City Council with a request for an abatement order to be issued to you. Whenever the identified deficiencies that are attached on the next page have been corrected or repaired, please contact our Private Hydrant Coordinator, Alan Holleman at (919) 996-5192 or alan.holleman@raleighnc.gov to confirm and remove from our list. The flow test can not be substituted for plan review submittals in which Steve Berry; Fire Protection Supervisor should be contacted at (919) 996-5972. In addition, please contact E.M. Johnson, Water Treatment Plant Supervisor at (919) 870-2870 twelve hours prior to fire flow testing and inspection to advise them of the location of the test and approximate flow required.

Thank you,
Raleigh Fire Department
Office of the Fire Marshal

Enclosure

310 W. Martin Street, P.O. Box 590, Raleigh, NC 27602
Phone (919) 831-6115
Fax (919) 831-6180

Weekly Events Digest

Friday, August 27 – Thursday, September 2

City of Raleigh Office of Emergency Management and Special Events
specialevents@raleighnc.gov | (919) 996-2200 | raleighnc.gov/special-events-office

Permitted Special Events

Fayetteville Plaza – Micro Soccer

City Plaza

Friday, August 27 through Monday, September 6

Event Times: 9:00am - 10:00pm daily (times for special programs vary)

Associated Road Closures: No roads will be closed for the event. The off-street, east-side portion of City Plaza will be used through 9-7-21.

Raleigh's International Food Festival

Fayetteville Street District

Saturday, August 28

Event Time: 12:00pm - 10:00pm

Associated Road Closures: Fayetteville Street between Martin Street and the south end of City Plaza and Davie Street between S. Salisbury Street and S. Wilmington Street will be closed from 5:00am until 11:59pm. The 500 block of Fayetteville Street will remain open for local traffic only.

North Carolina Fallen Firefighters Foundation Memorial Service

Nash Square & Hargett Street

Saturday, August 28

Event Time: 7:00am - 6:00pm

Associated Road Closures: Hargett Street between S. Dawson Street and S. McDowell Street will be closed and Nash Square will be used from 7:00am until 6:00pm.

Milk Fest

Tucker Street

Saturday, August 28

Event Time: 3:00pm - 10:00pm

Associated Road Closures: Tucker Street between Glenwood Avenue and the 510 Glenwood parking deck will be closed from 8:00am until 11:00pm.

African American Cultural Festival Presents AfroChella

Raleigh Union Station Plaza

Saturday, August 28

Event Time: 7:00pm - 11:00pm

Associated Road Closures: No roads will be closed for the event. Raleigh Union Station Plaza will be used from 4:00pm on 8-28-21 until 2:00am on 8-29-21.

Black Flea Market

Raleigh Union Station Plaza

Sunday, August 29

Event Time: 1:00pm - 5:00pm

Associated Road Closures: No roads will be closed for the event. Union Station Plaza will be used from 11:00am until 7:00pm.

Other Upcoming Events

Brothers Osborne

Friday, August 27

Red Hat Amphitheater

[Free Friday at Mordecai Historic Park](#)

Friday, August 27
Mordecai Historic Park

[Free Improv Comedy Performance at Pullen Park](#)

Friday, August 27 & Saturday, August 28
Pullen Park

[Historic Method Day](#)

Saturday, August 28
Method Road Community Park

[CINCH World's Toughest Rodeo](#)

Saturday, August 28
PNC Arena

[Moore Square Market](#)

Sunday, August 29
Moore Square

[Pullen Arts Center Dedication](#)

Wednesday, September 1
Pullen Arts Center

[Raleigh Rockers Breakdancing in Moore Square](#)

Wednesday, September 1
Moore Square

[Plaza & Play: Artist Engagement Walking Tour](#)

Wednesday, September 1
Dorothea Dix Park Temporary Dog Park

[Arts on the Hill](#)

Thursday, September 2
Chapel at Dix Park

[Jazz in the Square](#)

Thursday, September 2
Moore Square

[An Evening with Incubus](#)

Thursday, September 2
Red Hat Amphitheater

Public Resources

[Pilot Text Alert Program](#): Sometimes spontaneous events happen downtown and in other areas that could affect local businesses. If you'd like to receive notifications when those events happen, including unpermitted ones, sign up for text alerts.

[Event Feedback Form](#): Tell us what you think about Raleigh events! We welcome citizen and participant feedback and encourage you to provide comments or concerns about any events regulated by the Office of Emergency Management and Special Events. We will use this helpful information in future planning.

Weekly Events Digest

Friday, August 27 – Thursday, September 2

City of Raleigh Office of Emergency Management and Special Events
specialevents@raleighnc.gov | (919) 996-2200 | raleighnc.gov/special-events-office

Road Closure and Road Race Map: A resource providing current information on street closures in Raleigh.

Online Events Calendar: View all currently scheduled events that impact City streets, public plazas, and Dorothea Dix Park.

Council Member Follow Up



Raleigh

MEMO

TO: Marcell Adams-David, City Manager

FROM: Michael Moore, Director

DEPARTMENT: Transportation

DATE: August 27, 2021

SUBJECT: Cross Link Road Traffic and Speeding Concerns

This memorandum is provided in response to a Council request for information regarding traffic flow and speeding concerns on Cross Link Road and in the surrounding area.

Speed compliance on residential streets is not a new concern. The Council-adopted Neighborhood Traffic Management Program (NTMP) was specifically designed to address speed related concerns as police enforcement alone is not a sustainable alternative. A brief history of work done under the NTMP on Cross Link Road and the surrounding area follows.

Traffic Calming Projects:

Traffic calming projects are a transportation engineering tool to help reduce driver speeds or to solve a speed related crash problem when speed or crash patterns are identified. With the use of consistently placed traffic calming treatments along a stretch of road, speed compliance by drivers can be achieved and special accommodations can be made to increase safety in areas where a crash problem has been identified. Note that in accordance with the established policy at the time, Cross Link between Rock Quarry and Garner Road was studied in two sections due to the road's overall length.

- Cross Link Road – North between Rock Quarry Road and Dandridge Drive: A traffic calming project was offered in 2014 through the adopted NTMP process. A resident circulated petition failed to meet the minimum number of signatures required in the allotted time and the project failed due to lack of neighborhood support. No further traffic calming evaluation requests have been made for this section of Cross Link Road.
- Cross Link Road – South between Dandridge Drive and Garner Road: A traffic calming project was offered in 2014 through the adopted NTMP process. A resident circulated petition received the minimum number of signatures to move the project forward. Staff worked with the neighborhood to design and implement the Cross Link Road – South traffic calming project.

This project scope expanded beyond its sole traffic calming purpose to include a sidewalk extension and transit improvements. Due to the added complexity of this project and right-of-way impacts associated with work behind the curb,

Municipal Building
222 West Hargett Street
Raleigh, North Carolina 27601

One Exchange Plaza
1 Exchange Plaza, Suite 1020
Raleigh, North Carolina 27601

City of Raleigh
Post Office Box 590 • Raleigh
North Carolina 27602-0590
(Mailing Address)

project timelines were extended. Construction of the project began in summer 2020 and was completed in August 2021. Staff is actively monitoring the functionality of this project and will perform an after-study in approximately 6 months to verify project effectiveness.

- **Dandridge Drive between Cross Link Road and Bunche Drive:**
A traffic calming project was completed for this section of Dandridge Drive in 2014. Pre-project 85th percentile driver speeds were approximately 37.5 mph. Post-project 85th percentile driver speeds are approximately 28.5 mph.
- **Lyndhurst Drive between Rock Quarry Road and Keith Drive:**
A traffic calming project is actively being coordinated with the neighborhood surrounding Lyndhurst Drive. In October 2020, Council approved staff to move forward with the next round of traffic calming projects, which included Lyndhurst Drive. Initial contact was made with the Lyndhurst Drive neighborhood in January 2021, and staff has completed the Introductory Meeting, First Ballot, and Preliminary Design phase. Staff is currently updating the proposed traffic calming project based on resident comments from the Preliminary Design meeting and will be coordinating a Final Design meeting in the coming months. This Final Design meeting will be followed by a neighborhood ballot and if successful, the project is expected to be completed in spring 2022.

Multiway Stop Evaluations:

Multiway stops are a transportation engineering tool to increase intersection safety and dictate the right of way for all vehicles approaching an intersection. Multiway stops are used specifically to increase intersection safety and are not used for overall speed compliance concerns along a street. Multiway stops can be installed when vehicular volumes on the two intersecting streets are approximately equal or if there is an imbalance of vehicular volumes where the street with the stop condition has higher volumes than the street with the through movement condition. Multiway stops are also used to solve intersection crash problems where evaluations find a pattern of crashes at an intersection that would be corrected by the addition of a multiway stop. Active evaluations are listed below:

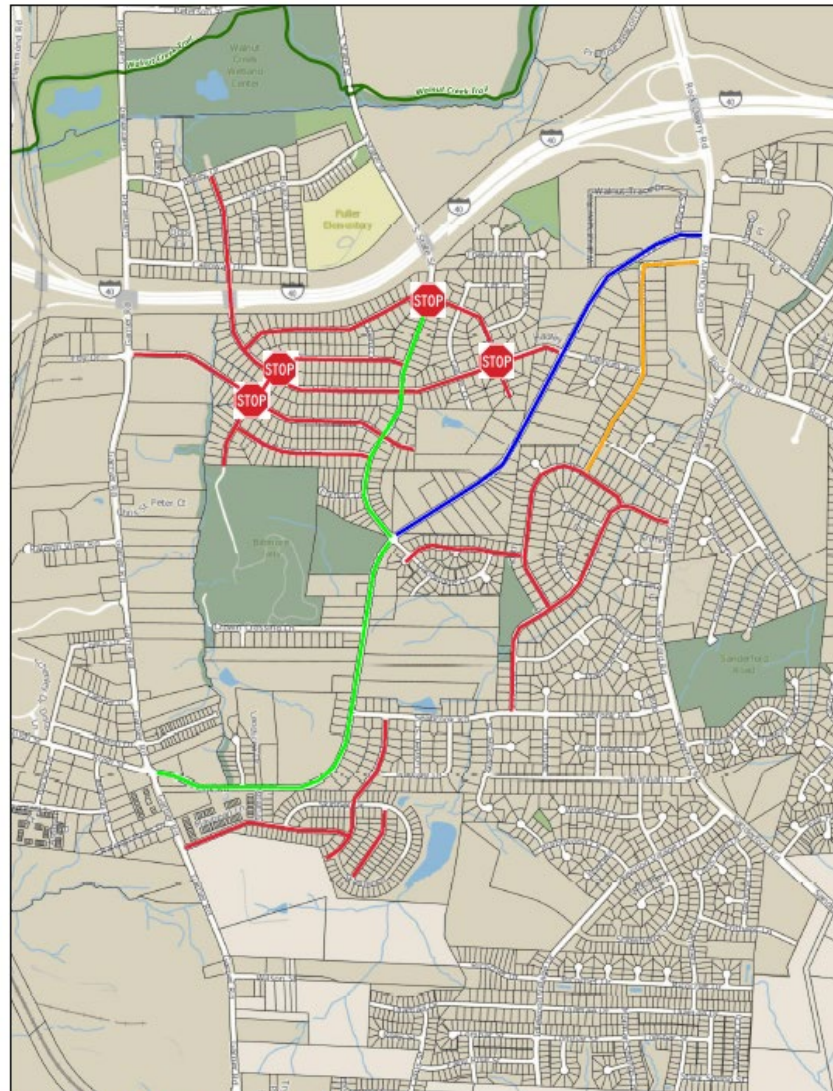
- Hadley Road at Fitzgerald Drive
- Hadley Road at Bunche Drive
- S. State Street at Bunche Drive
- Newcombe Road at Fitzgerald Drive

Speed Limit Reductions:






One of the best ways to reduce driver speeds along a street is to lower the speed limit. The NC General Assembly sets the speed limit for all streets within the corporate limits of municipalities in North Carolina at a state statutory 35 mph. All streets throughout Raleigh without any signage indicating a different speed are the state statutory unposted 35 mph. By reducing the speed limit and posting the new speed limit, drivers receive consistent feedback regarding a more appropriate neighborhood speed limit. Lowered speeds on public streets, especially on neighborhood streets, has a direct link to increases in safety for all users (drivers, pedestrians, cyclists, etc.) and quality of life for those that live in the neighborhood. Active speed limit reductions that are currently “in process” are listed below:

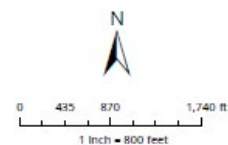
- Bunche Drive: scheduled to be on the September 7, 2021 Council agenda for review
- Fitzgerald Drive: scheduled to be on the September 21, 2021 Council agenda for review

- Keith Drive: scheduled to be on the October 6, 2021 Council agenda for review
- Hadley Road: currently receiving ballot responses from residents along the street
- Newcombe Road: requested and waiting to be balloted
- Campanella Lane: requested and waiting to be balloted
- Evers Drive: requested and waiting to be balloted
- Aaron Drive: requested and waiting to be balloted
- Grove Creek Lane: requested and waiting to be balloted
- Frinks Street: requested and waiting to be balloted
- Camden Creek Drive: requested and waiting to be balloted



Cross Link Road Area NTMP Efforts

-  Active Multiway Stop Evaluations
-  Speed limit reductions in process
-  Completed traffic calming project
-  Failed traffic calming project
-  Traffic calming project in design



Disclaimer:
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