City Council Meeting February 9, 2017



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New Business February 9, 2017

Item 2

Ordinance to annex Arbor Hills South, Phase 5, involving 7.4973 acres located at the terminus of Arbor Drive

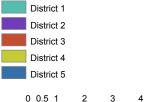


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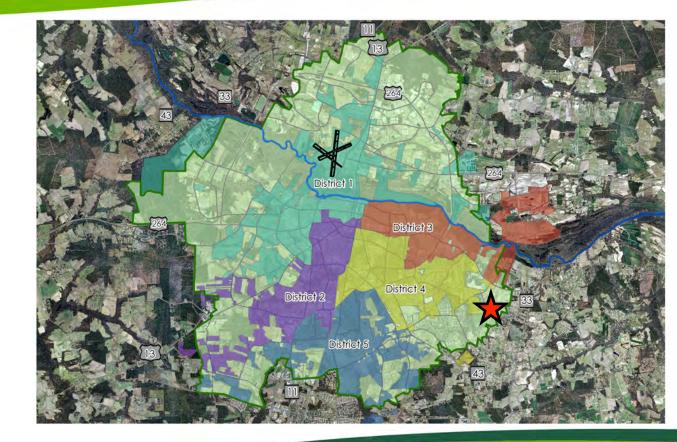




City Council Voting District



0 0.5 1 Miles





Arbor Hills South

Phase 5

Legend









Arbor Hills South

Phase 5

5.45 Acres





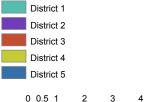
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Item 3 Ordinance to annex Brook Hollow, Section 4, Phase 2, involving 5.4450 acres located at the current terminus of Cambria Drive

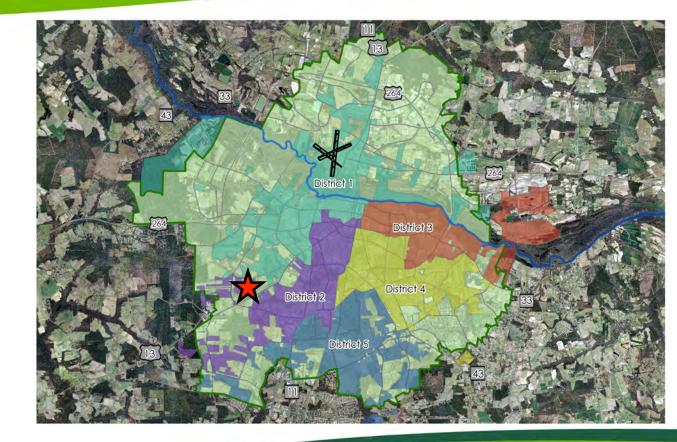




City Council Voting District



0 0.5 1 Miles





Brook Hollow

Sec. 4 Ph. 2

Legend





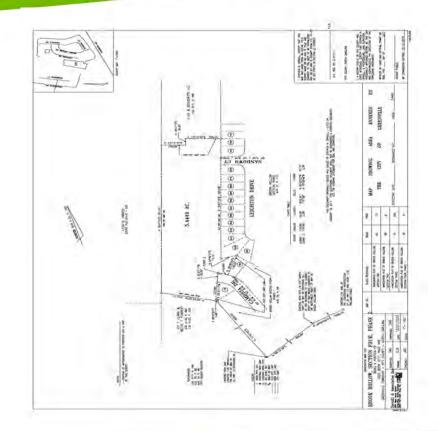




Brook Hollow

Sec. 4 Ph. 2

5.44 Acres



Item 4

Ordinance to annex American Builders, Incorporated, involving 0.646 acres, located along the southeastern right-of-way of Dickinson Avenue Extension (US 264 Alternate) and 900 +/- feet southwest of Frog Level Road.

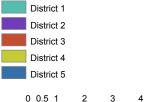


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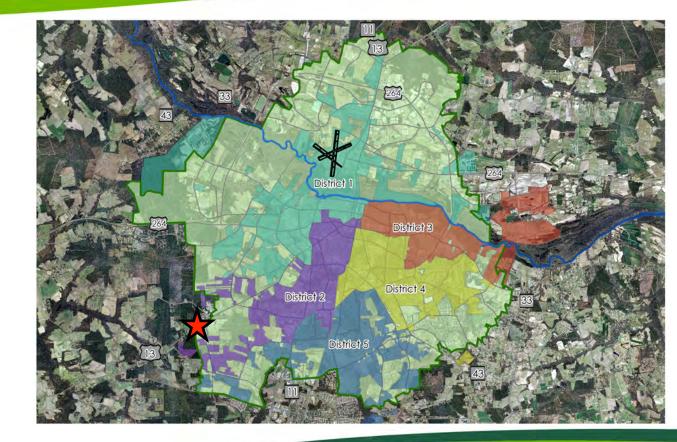




City Council Voting District



0 0.5 1 Miles





American

Builders, Inc.

Legend





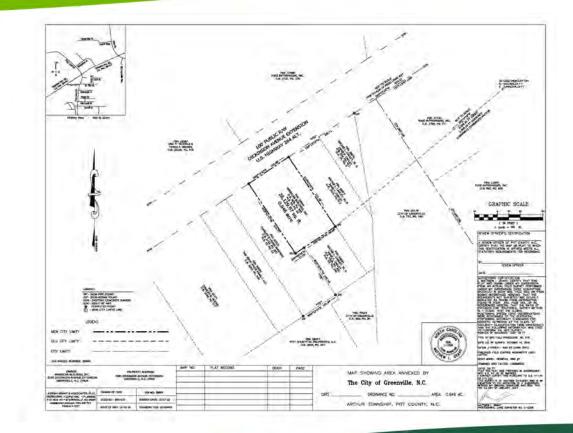




American

Builders, Inc.

0.65 Acres



Greenville

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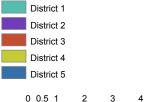
Item 5

Ordinance to annex Ann W. Meeks property involving 2.007 acres located at the southwestern corner of the intersection of Dickinson Avenue Extension (US 264 Alternate) and Frog Level Road.

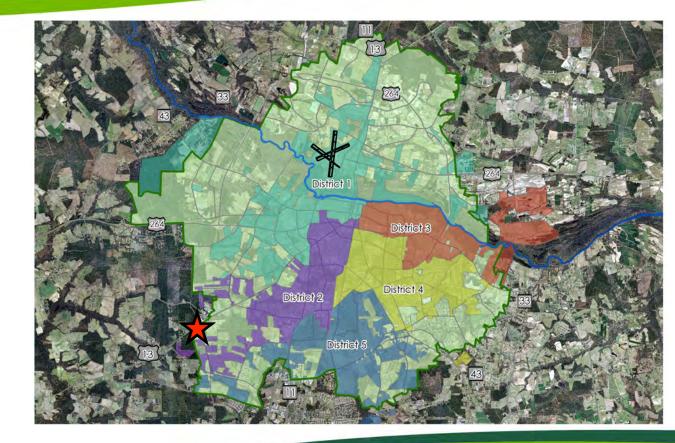




City Council Voting District



0 0.5 1 Miles





Anne W. Meeks











Ann W. Meeks

2.007 Acres



Item 6

Ordinance to annex the Charles and Verna Warters property involving 0.894 acres located along the southeastern right-of-way of Dickinson Avenue Extension (US 264 Alternate) and 1,375 +/- feet southwest of Frog Level Road.

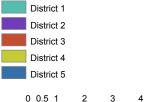


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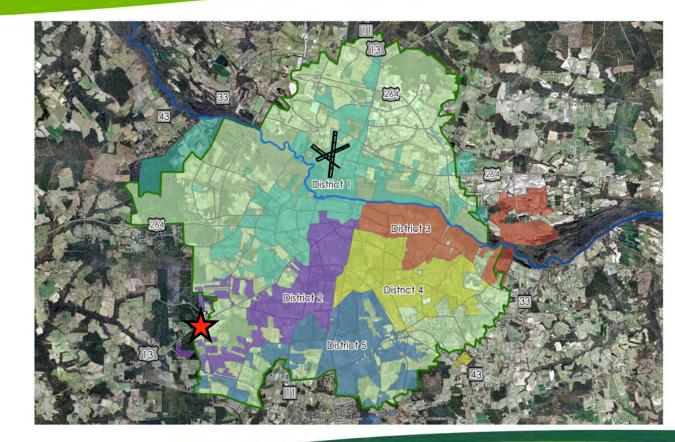




City Council Voting District



0 0.5 1 Miles





Charles &

Verna Warters

Legend





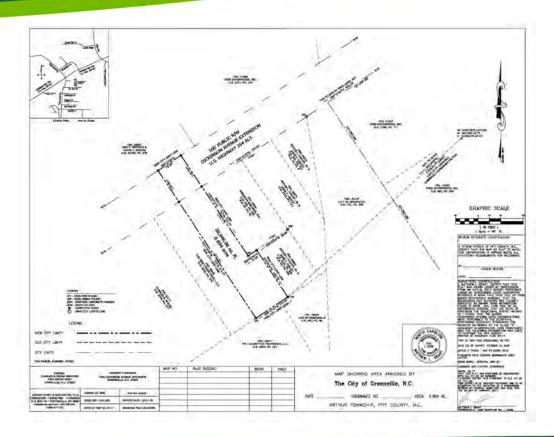




Charles &

Verna Warters

0.894 Acres





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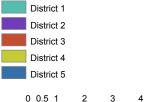
Item 7

Ordinance to annex Foss Enterprises, Incorporated, involving 13.745 acres located along the northwestern right-of-way of **Dickinson Avenue Extension (US** 264 Alternate) and 610 +/- feet southwest of Frog Level Road

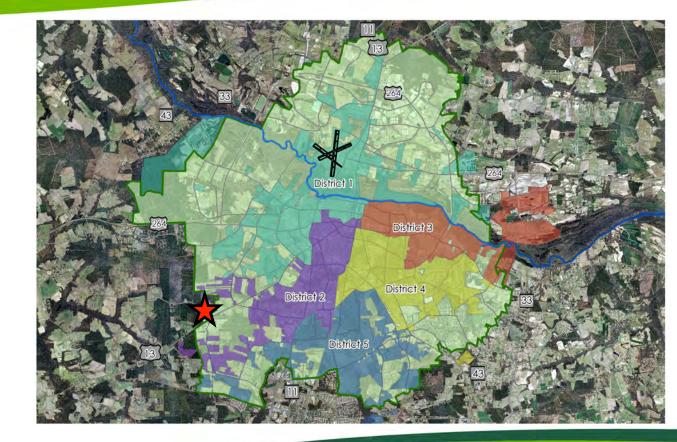




City Council Voting District



0 0.5 1 Miles





FOSS

Enterprises, Inc.

Legend









Foss

Enterprises, Inc.

13.745 Acres



Greenville

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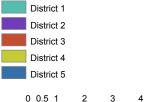
Item 8

Ordinance to annex Foss Enterprises, Incorporated, involving 3.459 acres located along the southeastern right-of-way of **Dickinson Avenue Extension (US** 264 Alternate) and 440 +/- feet southwest of Frog Level Road.

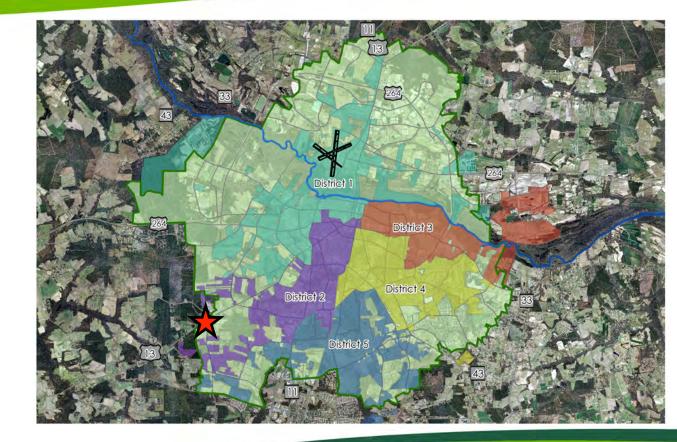




City Council Voting District



0 0.5 1 2 3 4 Miles





FOSS

Enterprises, Inc.

Legend









Foss

Enterprises, Inc.

3.459 Acres



Greenville

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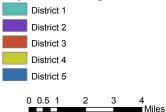
Item 9

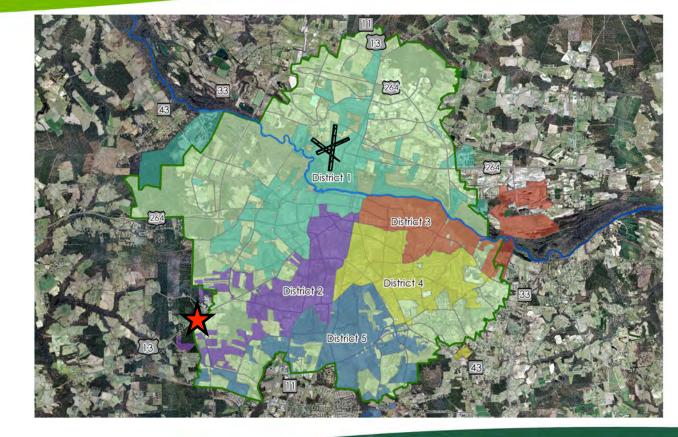
Ordinance to annex the Phillip E. Trull property involving 1.737 acres located along the southeastern right-of-way of Dickinson Avenue Extension (US 264 Alternate) and 1,375 +/- feet southwest of Frog Level Road





City Council Voting District







Phillip E. Trull









Phillip E. Trull

1.737 Acres



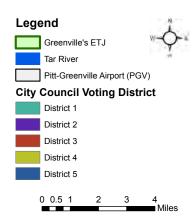
Greenville

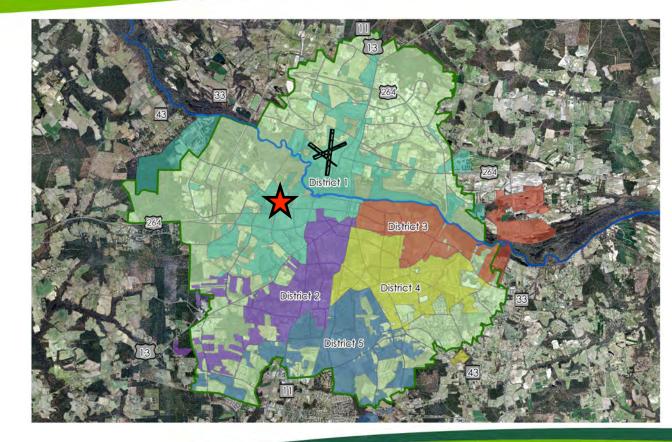
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Item 10

Ordinance requested by RBS Rentals, LLC to rezone 1.144 acres located 350+/- feet north of West Fifth Street and 180 +/- feet west of Brighton Park Drive and adjacent to Brighton Park Apartments from MO (Medical Office) to MR (Medical-Residential [High Density])









Aerial Map (2012)



Land Parcels Rezonings

×-¢



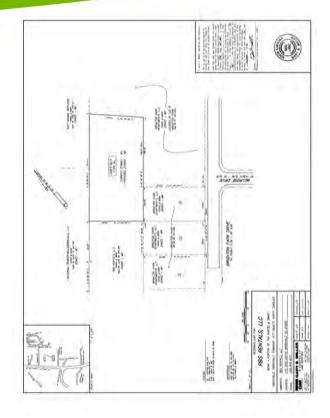




Rezoning Map For

RBS Rentals

1.14 acres





West 5th Street





Existing Land Use



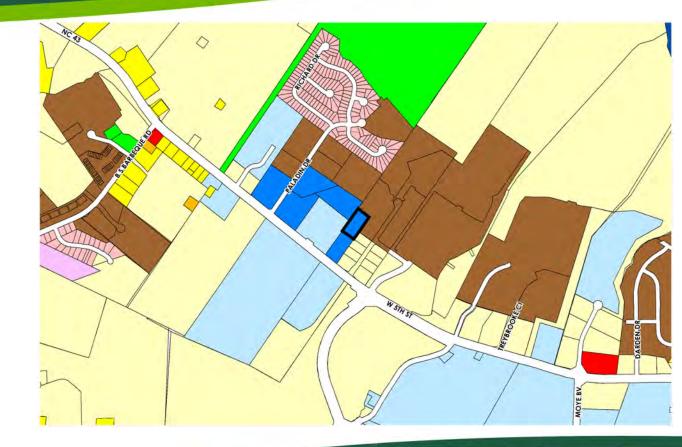


W

HHHH Train Tracks

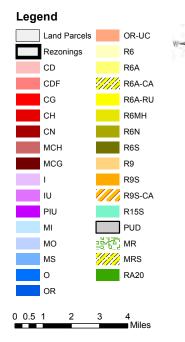
EXISTING LANDUSE







Zoning Map

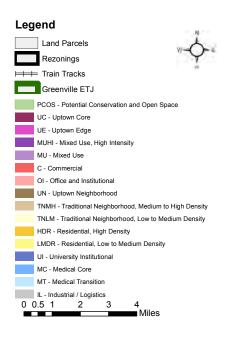






Future Land Use

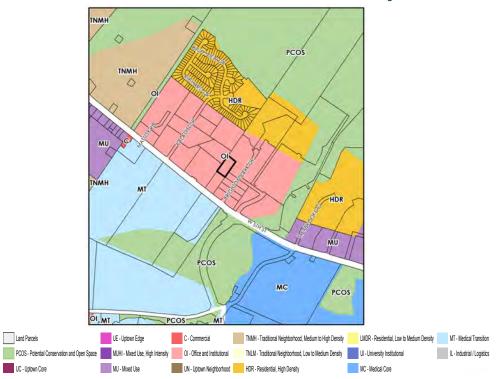
& Character Map



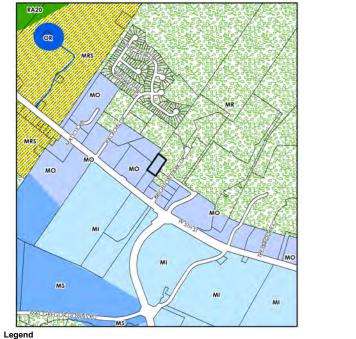




Future Land Use & Character Map



Zoning Map





Item 11

Ordinance amending the Subdivision Ordinance to Extend the Review Time of Preliminary Plats by Twenty Working Days



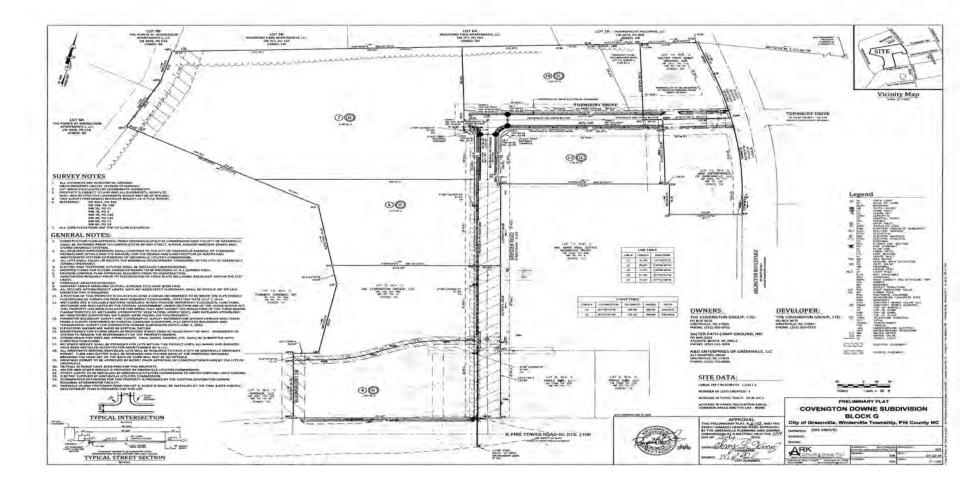
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This text amendment application proposes to amend Title 9, Chapter 5, Article B, Sec. 9-5-44 to extend the review of preliminary plats by the city's Subdivision Review Committee by 20 working days.



100 BILL Road BILL Pro-





All preliminary plats shall be submitted to the Director of Community Development or designee, as agent for the city Planning and Zoning Commission, at least **20 40** working days prior to the scheduled meeting date of the Planning and Zoning Commission. Working days shall not be construed to include city observed holidays or weekends. It is the intent of the City of Greenville and Utilities Commission staff and other agencies to review all properly submitted plats in a timely manner, which will afford the subdivider a reasonable period of time within which to respond to all comments and/or requested revisions. All plats submitted in accordance with the minimum requirements contained herein shall be available for revision not less than **10 30** working days prior to the scheduled meeting date. Plats revised pursuant to the initial review and as required shall be submitted to the Director of Community Development or designee in accordance with section 9-5-45(A)(8)(b) and (c), below, not less than 6 26 working days prior to the scheduled meeting date.



Staff Recommendation:

Staff recommends approval of the requested ordinance.

Item 12 Resolution to Close Parkwood Drive



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Item 13

Presentation by the North Carolina Department of Transportation on extension of and preferred alternatives for project U-5785 Firetower Road Widening and consideration of a resolution supporting preferred alternatives



NORTH CAROLINA Department of Transportation



U-5870/U- 5785 Portertown Road & Firetower Road Widening William C Kincannon, PE, Project Development Engineer

February 9, 2017

Project Information

- Project need: relieve congestion on Firetower Road and Portertown Road
- Improve traffic operations
- Reduce crashes
- Enhance connectivity
- Section of Road is considered a Major Thoroughfare needing Improvement on the Greenville Urban Area MPO Comprehensive Transportation Plan
- Both sections part of Prioritization 3.0 Fall 2014 calling for "Widening Existing 2 Iane Roadways to Multi-Lane Urban Section Facilities"
- Begin Right of Way Acquisition
- Begin Utility Relocation
- Begin Construction
- Total Estimated Cost

Late 2017 \$7,029,000 Late 2017 \$843,000 2019 \$22,116,000 \$29,988,000

U-5870/U5785 Portertown Road & Firetower Road Widening

Typical Section

- Four through travel lanes and a 16' median are needed to accommodate traffic the reduction from 23' to 16' will minimize property impacts
- Five-foot bicycle lanes are recommended to safely accommodate bicycle traffic, and are supported by local governments
- The curb and gutter facility minimizes impacts to homes, businesses, and environmental resources compared to a ditch and shoulder facility.
- Sidewalks are proposed to go in berm section behind curb.



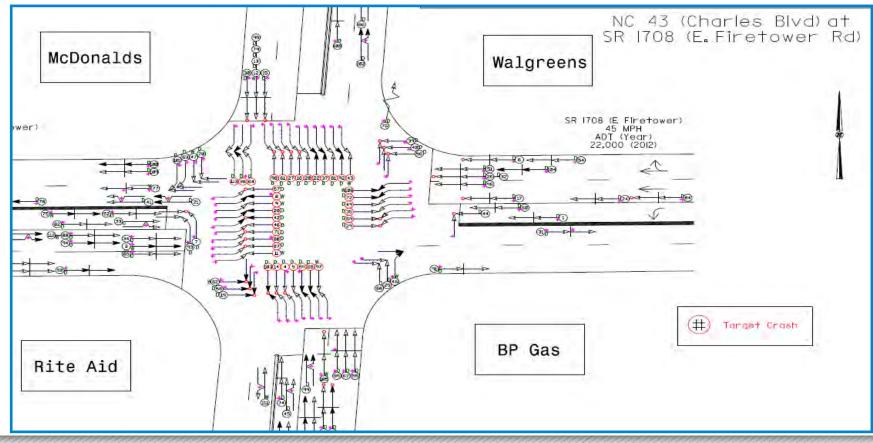
U-5870/U5785 Portertown Road & Firetower Road Widening

Current and Future Corridor Problem

- Currently Firetower Road intersections with NC43 and Arlington do not function acceptably most hours of day, with near total gridlock at peak morning and evening hours.
- Firetower just east of Charles currently has about 22,000 average daily traffic, and is expected to have about 33,000 in 2040 design year.
- The Department is proposing to include this section within current project.
- If not included, this section will fail much worse than now simply due to city growth, and a project will need approved and funded almost immediately upon completion of the current project.

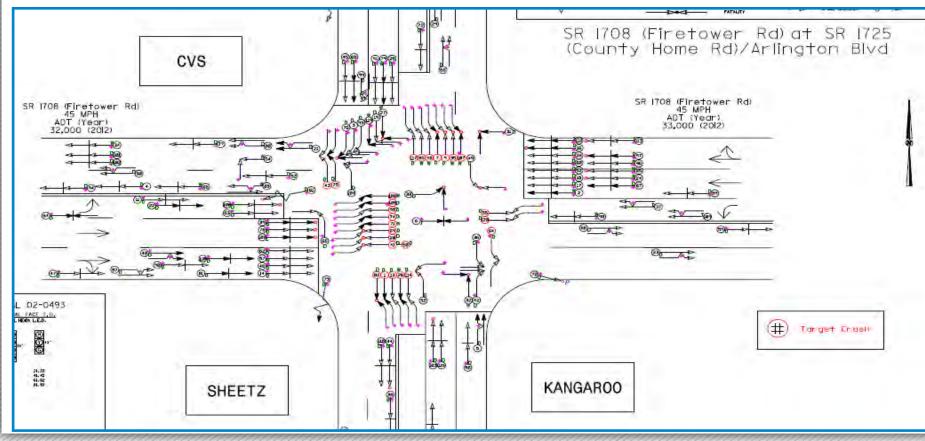
U-5870/U5785 Portertown Road & Firetower Road Widening

Firetower at Charles Crashes



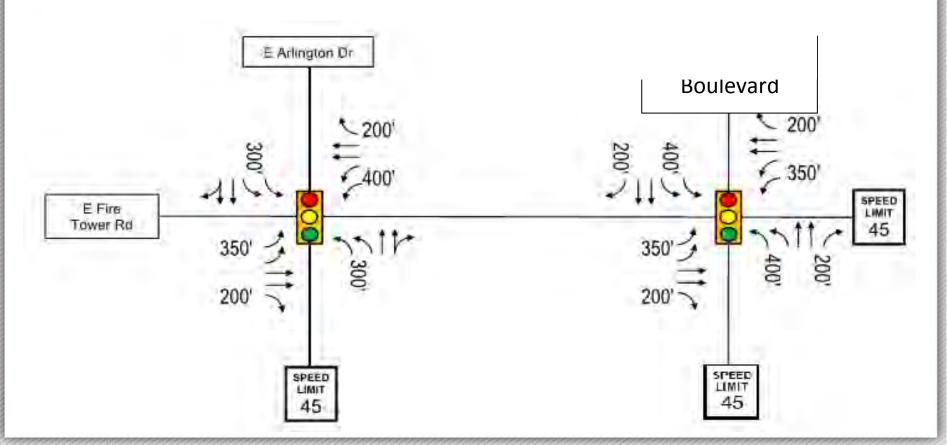
U-5870/U5785 Portertown Road & Firetower Road Widening

Firetower at Arlington Crashes



U-5870/U5785 Portertown Road & Firetower Road Widening

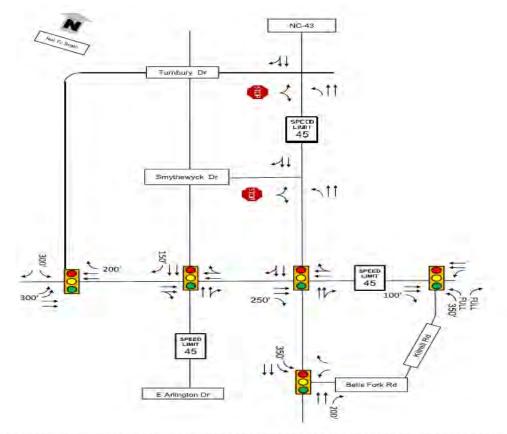
Alternative 1 – More Turn Lane



U-5870/U5785 Portertown Road & Firetower Road Widening

Alternative 2 – Two Quadrants

Additional Road Required



U-5870/U5785 Portertown Road & Firetower Road Widening

Business Access and Connectivity



Resolution

 Request in support of extending project limits to west of Arlington and inclusion of recommended intersection and roadway improvements

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Item 14

Presentation by the North Carolina Department of Transportation on preferred alternatives for project U-2817 Evans Street/Old Tar Road Widening and consideration of a resolution supporting the preferred alternatives



NORTH CAROLINA Department of Transportation



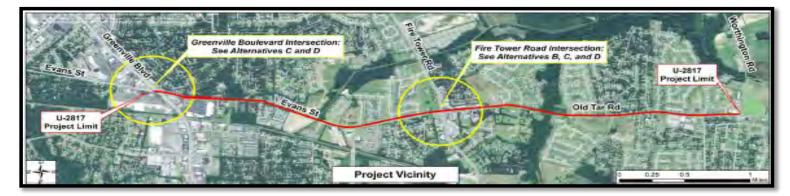
U-2817 Evans Street/Old Tar Road Widening

Maria A. Rogerson, PE, Project Engineer

February 9, 2017

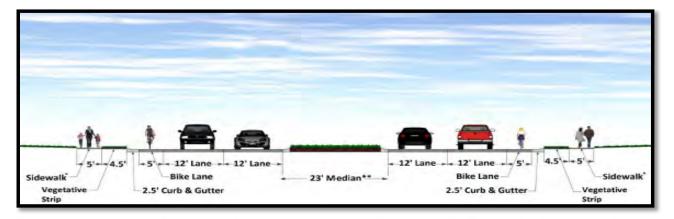
Project Information

- Purpose of the project is to increase capacity and improve traffic flow along Old Tar Road and Evans Street.
- Project is listed on the City of Greenville MPO TIP for 2016-2025
- Section of Road is considered a Major Thoroughfare needing Improvement on the GUAMPO Comprehensive Transportation Plan (5/28/2009)
- Estimated ROW /Utility Cost \$14,340,000 FY 19
- Estimated Construction Cost \$18,800,000 FY 21



Typical Section

- Four through travel lanes and a 23' median are needed to accommodate anticipated traffic
- Five-foot bicycle lanes are recommended to safely accommodate bicycle traffic, and are supported by local governments
- The curb and gutter facility minimizes impacts to homes, businesses, and environmental resources compared to a ditch and shoulder facility
- A reduced 16-foot median is proposed just north of Fire Tower Road to reduce property impacts.



Bicycle and Pedestrian Accommodations

- 5-foot bike lanes are proposed
- By providing bicycle lanes and sidewalks for cyclists and pedestrians in the project, improving safety and promoting alternative means of travel is achieved
- Bicycle and Pedestrian accommodations need to be included along Evans/ Old Tar, as it's <u>a critical link in the larger network</u> of bike/ped facilities throughout the City
- City of Greenville and NCDOT have adopted complete streets standards
- Sidewalks and bicycle lanes along the Evans Street corridor are supported in the Greenville Horizons 2026 Plan (Newly adopted Community Plan September 2016) and Greenville Urban Area Metropolitan Planning Organization's 2011 Bicycle & Pedestrian Master Plan
- Greenville Urban Area MPO requested bicycle and pedestrian facilities be included in the project, specifically 5' wide bike lanes

Current or Proposed Bicycle Facilities



Existing

- Regency Boulevard (From NC 11 to Evans Street) 14' Wide Outside Lanes to Accommodate Cyclists
- Fire Tower Road (From NC 11 to Cory Road) 14' Wide Outside Lanes to Accommodate Cyclists
- Arlington Blvd. from Stantonsburg Road to Memorial Drive (5' wide Striped Bike Lane)

Proposed

- ➤ U-5785 Fire Tower Road
- ➢ U-5870* Fire Tower Road and Portertown Road
- > U-5875 Allen Rd.
- > U-5921 Laurie Ellis Rd.

*The State Bicycle Route NC 2 (Mountains to Sea) runs on Fire Tower Road from East 14th Street to Portertown Road.

U-2817 Evans Street/Old Tar Road Widening

Connectivity of Bike Lanes



- 14' Wide Outside Lanes from Greenville Blvd. to 14th Street
- Multiuse Path from Evans and Arlington extending South to Charles Blvd at Ficklen Drive and north to J.H. Rose and Evans Park

Impacts to South Hall Wall and Paramore Berm

- Wall and berm may be impacted
- A minimized typical section is proposed through this area with a narrower median (16')
- During final design NCDOT will try to minimize/avoid impacts to the berm and wall to the extent possible
- If a section of the wall is impacted, NCDOT will coordinate with the South Hall HOA to ensure that the impacted section of the wall is rebuilt under the construction contract
- Any site distance conflicts with the wall will have to be addressed as designs progress

U-2817 Evans Street/Old Tar Road Widening

Example of Wall Construction at Duke University





Existing

Newly Constructed

U-2817 Evans Street/Old Tar Road Widening

71

Transition from Existing Wall to Newly Constructed



Intersection Improvements

- Because of the high volume of projected traffic at the Old Tar Road/Evans Street intersections with Fire Tower Road and Greenville Boulevard, conventional intersection improvements are being investigated along with other design options.
 - Quadrant roadway, which provides for left turns away from the main intersection
 - Median U-turn options, which restrict left turns at key intersections, providing for those turning movements at U-turn bulb-outs away from the main intersection
 - Conventional intersection improvements, which would add more travel and/or turn lanes to a four-way intersection

U-2817 Evans Street/Old Tar Road Widening

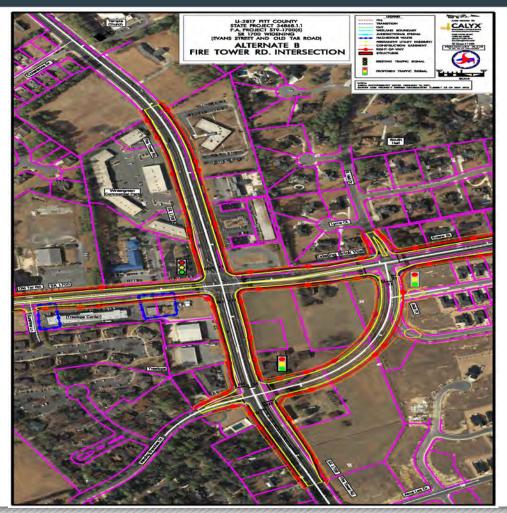
Alt. C on Greenville Blvd



Alt. D on Greenville Blvd.



U-2817 Evans Street/Old Tar Road Widening



<u>Alt. B on Fire</u> <u>Tower Rd.</u>

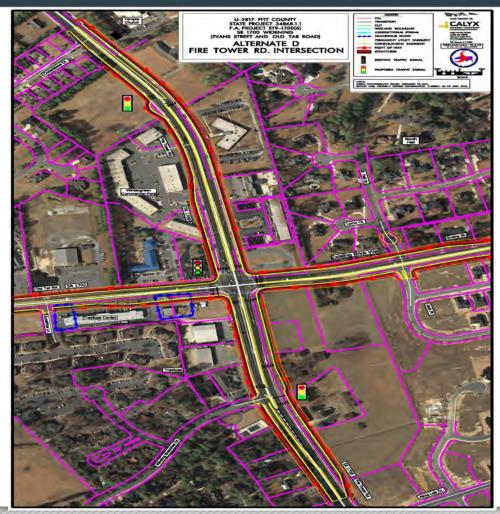
U-2817 Evans Street/Old Tar Road Widening





U-2817 Evans Street/Old Tar Road Widening

Alt. D. on Fire Tower Rd.



Resolution

- Request in support of Alt. C at Greenville Blvd. Intersection
- Request in Support of Alt. C at Fire Tower Rd. at Intersection

U-2817 Evans Street/Old Tar Road Widening

Questions

City Council Meeting February 9, 2017



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