This newsletter provides the latest scheduling and status information for major transportation projects in the Greensboro MPO Area, including the City of Greensboro and much of Guilford County with the exception of Burlington/Gibsonville/Whitsett and High Point/Jamestown. State, federal and locally funded projects are included. Local funding includes City of Greensboro voter approved 2008 and 2016 Transportation Bonds.

**Greensboro Urban Loop**

Remaining sections of the Urban Loop are under construction following prioritization under the State’s Strategic Transportation Investment Act.

**Northern/Eastern Urban Loop (U-2525)**

- **US 29 to Lawndale Drive** Construction underway with completion from Lawndale to Elm by late 2020 and from Elm to US 29 in 2022.
- **US 70 to US 29** Open to traffic late 2017.

**Southern Urban Loop (I-2402)**

- **I-85 opened to traffic** February 2004.

**Western Urban Loop (U-2524)**

- **Bryan Boulevard to Battleground Avenue** Opened to traffic March 2018.
- **Battleground Avenue to Lawndale Drive** Construction underway. Open to traffic late 2019.

State and federally funded project schedules are based on the 2020-2029 State Transportation Improvement Program (STIP). For more information on the STIP go to [www.ncdot.gov](http://www.ncdot.gov).

For more information on active NCDOT projects call NCDOT Division 7 at 336-487-0000. For active City of Greensboro projects call the Greensboro Engineering & Inspections Department at 336-373-2302. For plans, proposals, and future transportation needs contact the Greensboro Transportation Department at 336-373-4368. To view major active projects and determine their proximity to an address in the MPO area go to [http://greensboro.maps.arcgis.com/apps/webappviewer/index.html](http://greensboro.maps.arcgis.com/apps/webappviewer/index.html).
Market-College-Guilford College Intersection

Project U-5326 will widen the intersection approaches to add additional left turn lanes due to the heavy volumes of left turning vehicles. Sidewalks are included in the project. Under construction with completion in Late 2019.

Lowdermilk Street / Pine Street / Sykes Ave.

(Y-4807B) NCDOT Rail Division will combine the intersections of Lowdermilk Street and Sykes Avenue at East Market Street to create a single 4-way intersection. When complete the at-grade Pine Street rail crossing will be closed. Right-of-Way in progress. Construction start Summer 2020, completion late 2021.

Horse Pen Creek Road

Horse Pen Creek Road widening from New Garden Road to Battleground Avenue to 4-lane divided roadway. Sidewalks and bike lanes are included. Under construction with expected completion late 2020.

Cotswold Roundabout

Project to construct a roundabout reconnecting Cotswold Terrace at Old Battleground Road. Construction under way, completion by Fall 2019.

Battleground Avenue

Battleground Avenue Intersections (U-5306) project involves improvements to the Cone-Benjamin, Westridge, New Garden and Brassfield intersections. 100% funding provided by NCDOT for right-of-way and construction.

U-5306A Battleground-Benjamin-Cone: Complete.


U-5306C Battleground-New Garden: Complete.

U-5306D Battleground-Brassfield: Complete.
Lowdermilk Street

(EL-5101DM) The City will modernize Holts Chapel Road with curb and gutter, sidewalks and bike lanes and Lowdermilk Street with curb and gutter and sidewalks. Under construction and expected completion Summer 2020.

Ballinger Road Bridge

Project B-5553 will replace a bridge over a tributary to Horse Pen Creek and improve Ballinger Road with sidewalks and bike lanes up to Wakefield Drive/Place. Construction start in early 2020, completion by Summer 2021.

Lawndale / Air Harbor


Bryan Blvd / New Garden Road Interchange


US 70

Project U-2581 BA will widen US 70 from Mt Hope Church Road to Sunlake Drive. Right-of-Way in progress and Construction 2020.

Fleming Rd / Lewiston Rd

**US 29 / Reedy Fork Parkway Interchange**

R-4707 will reconstruct the Reedy Fork Parkway / US 29 Interchange to serve forecasted traffic demand, replace a deficient bridge, prepare for US 29 to be upgraded to Interstate standards, and widen Summit Avenue south to Bryan Park Road. *Right-of-Way in progress and Construction in 2020 - 2023.*

**North Church Street**

Project U-5851 will widen North Church from north of Wendover Avenue to Cone Boulevard. Project will include sidewalks and bike lanes. *Right-of-Way in 2020 and Construction starting in 2022.*

**Friendly Avenue**

Project U-5841 will widen Friendly from east of Wendover Avenue Overpass to Lindell Road *Right-of-way in progress and Construction 2021.*

**Benjamin Parkway / Bryan Boulevard**

Project U-5850 will widen Benjamin Parkway / Bryan Boulevard from Wendover Avenue to Holden Road. *Right-of-Way in 2021 and Construction starting in 2022.*

**Hilltop Road Grade Separation**

Project P-5713 will reconstruct the Hilltop Road railroad crossing from at-grade to grade separated. *Right-of-Way in 2021 and Construction starting in 2022.*

**I-40 / Sandy Ridge Road Interchange**

I-5712 will reconstruct the I-40 / Sandy Ridge Road Interchange to serve forecasted traffic demand, widen the existing bridge, and widen Sandy Ridge Road north to Cider Road. *Right-of-Way 2020 and Construction in 2022.*

Battleground Avenue


Patton Avenue Bridge

NCDOT

Project U-5850 will widen Randleman Road from Glendale Road to Elmsley Way. Includes sidewalks, side path and bus shelters. Right-of-Way in 2021 and Construction 2024.

Randleman Road

NCDOT

B-5713 will replace the current bridge in coordination with B-5718. Planning/design in progress. Right-of-Way in 2022 and Construction starting in 2023.

Willow Road Bridge

NCDOT

Project P-5709 will reconstruct the Franklin Boulevard railroad crossing from at-grade to grade separated. Right-of-Way in 2021 and Construction starting in 2023.

Franklin Boulevard Grade Separation

NCDOT

Project U-6129 will widen Pembroke Road to add an additional turn lane, Green Valley Road intersection to remove free flow right turns, and access management treatments to Friendly Avenue from Pembroke to Green Valley. Right-of-Way 2023, Construction 2026.

Friendly Avenue

GSO NCDOT

I-40 Widening

NCDOT

I-5965 will widen I-40 from Martin Luther King, Jr Drive to east of Freeman Mill Road. Planning/design in progress. Right-of-Way in 2028 and Construction starting in 2028. Project subject to Reprioritization.
**Additional Roadway Projects (TIP)**

- **I-6004** I-40/I-85/Road Creek Dairy Road Interchange Improvements. Right-of-Way 2025, Construction 2026.


- **U-6100** US 29 Capacity and Safety Improvements. Gate City Blvd to the Urban Loop. Right-of-Way 2027, Construction Post Years, subject to Reprioritization.


- **U-6127** NC 68 Improvements. Fogleman Road to Alcorn Road. Right-of-Way 2025, Construction 2027.

- **U-6108** Battleground Avenue Improvements. Wendover Ave to Fernwood Dr. Right-of-Way 2025, Construction 2028.

- **U-6212** NC 62/Randleman Road Intersection Improvements. Right-of-Way 2027, Construction 2028, subject to Reprioritization.


- **U-6211** Fleming Road/Pleasant Ridge Road Intersection Modification. Right-of-Way 2027, Construction 2028, subject to Reprioritization.

- **U-6181** McKnight Mill Road/Minorwood Road Intersection Modification. Right-of-Way 2027, Construction 2028, subject to Reprioritization.

- **U-5812** Lawndale Drive/Pisgah Church Road/ Martinsville Road Intersections Modifications. Right-of-Way 2020, Construction 2021.

- **U-5842** Elm Street/Pisgah Church Road Intersection Modification. Right-of-Way 2023, Construction 2024.


- **U-6186** Church Street/Archergate Road Intersection Modification. Right-of-Way 2027, Construction 2028, subject to Reprioritization.

- **U-6185** McConnell Road/Gorrell Street/Willow Hope Street Roundabout. Right-of-Way 2027, Construction 2028, subject to Reprioritization.

**Rail Projects (TIP)**

- **P-5747** English Street Grade Separation. Right-of-Way 2025, Construction 2026.

- **P-5735** Yanceyville Street Grade Separation. Right-of-Way 2025, Construction 2026.

**Additional Roadway Projects**

- City of Greensboro contract (2009-086): **Mackay Road**: Atwater Dr to Williamsborough Ln. Construction start Fall 2021.

- City of Greensboro contract (2011-670): **Alamance Church Road**: Martin Luther King, Jr Dr to City Limits. Construction start Summer 2020.

- City of Greensboro contract (2012-060): **East Gate City Boulevard**: Willow Rd to Florida St. Construction start Spring 2022.


The Downtown Greenway is a 4.2 mile urban greenway loop around Downtown Greensboro. Funding support is provided by the MPO, NCDOT, and the City of Greensboro. The project also includes a range of roadway improvements, landscaping, and high level amenities provided by Action Greensboro including public art and enhanced landscaping.

**Completed:**
- **Phase 1A** Spring Garden St to Eugene St.
- **Phase 1B** Bragg Street: Eugene St to Martin Luther King, Jr. Dr.
- **Phase 1C** Martin Luther King, Jr. Dr to Gate City Blvd.
- **Phase 2E** (EL-5101 DO) Eugene Street: Fisher Ave to Smith St.
- **Phase 3A** (EL-5101DO) Fisher Avenue: Greene St to Eugene St.
- **Phase 3B** Smith Street from Eugene St to Spring St.
- **Phase 3C** Smith Street: Spring St to west of Prescott St.

**Under Construction:**
- **Phase 2** (EL-5101DJ) Murrow Boulevard and Fisher Avenue: E. Gate City Blvd to Greene St. **Construction start early 2019.**

**Under Design:**
- **Phase 4** Spring Garden St to Smith St; includes a portion of the A&Y Greenway.

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**Sidewalk & Trail Projects**

A major sidewalk construction effort is underway. Between 2006 and 2015, 133 miles of sidewalk were added in Greensboro through public projects and private development. Upcoming City sidewalk construction is noted below. Funding made available by the MPO, NCDOT and City of Greensboro.

**Recently Completed Construction**

City of Greensboro contract (2017-690): 0.7 mile of sidewalk **constructed Summer 2018.**
- **W. Cone Boulevard:** N Elm St to Church St.

City of Greensboro Contract (2018-100): 0.8 mile of sidewalk **constructed Summer 2018.**
- **Hobbs Road:** Starmount Farms Dr to Holden Road
- **Hobbs Road:** Northline Ave to Hobbs Landing Ctr.

City of Greensboro Contract (2019-001A) change order: 250 feet of sidewalk **constructed Spring 2019.**
- **Henry Street:** Henry Street Park to Sherburne Lane

City of Greensboro Contract (2018-004) change order: 450 feet of sidewalk **constructed Spring 2019.**
- **Neal Street:** UNCG driveway to Haywood St.

City of Greensboro Contract (2013-360): 2.87 miles of sidewalk **construction start Spring 2019.**
- **Friendly Avenue:** Market St to Francis King St.
- **Market Street:** Sheetz driveway to Industries for the Blind driveway.
- **Jennifer Street**: Spencer St to Carver Dr.

**Active/Pending Construction Contracts**

- **English Street**: Phillips Ave to Florida St.

City of Greensboro contract (2018-770): 0.57 miles of sidewalk construction started Summer 2019.
- **Cobb Street**: Mayflower to Josephine Boyd St.
- **Mayflower Drive**: Cobb St to existing.
- **Mayflower Sidewalk Repair**: Spring Garden St to Walker Ave.
- **O’Connor Street**: Florida St to greenway.
- **Van Wert Street**: Existing to Bailiff St.

City of Greensboro contract (EB-5876): 0.25 mile of sidewalk. Expected construction started Summer 2019.
- **Holden Road**: West side north of Gate City Blvd to Gate City Blvd.

- **Eugene & Bellemade Streetscape Phase 2**: Eugene St from Bellemade St to Smith St.

City of Greensboro contract (U-5532D): 0.64 miles of sidewalk construction start Fall 2019.
- **East Wendover Gap**: English to Waugh St. Work pending repair of culvert.

City of Greensboro contract (EB-5518): 0.12 miles of greenway expected construction start Fall 2019.
- **Latham Park Greenway**: extension along Hill St from Battleground Ave to Mendenhall St.

City of Greensboro contract (U-5532A): 0.34 miles sidewalk expected construction start Fall 2019.
- **Joephine Boyd Street**: Wright Ave to south of Spring Garden St.

City of Greensboro contract (EB-5716): 1.8 miles of sidewalk expected construction start Fall 2019.
- **Holden Road**: Spring Garden St to south of Meadowview Rd.
- **Lindsay Street**: Bessemer Ave to Murrow Blvd.

- **Lees Chapel Road**: Church St to Brightwood School Rd.
- **Pisgah Church Road**: Battleground Ave to Church St.
- **Yanceyville Street**: Bessemer Ave to Lees Chapel Rd.

City of Greensboro contract (C-5555E): 1.04 miles of sidewalk expected construction Fall 2019.
- **College Road / New Garden Road**: Guida Dr to Ballinger Rd.

- **Big Tree Way**: Wendover Ave to Elk Hound Trail.
- **Bridford Parkway / Hornaday Road**: Wendover Ave to exiting sidewalk west of Nicholas Rd.
- **Hewitt Street**: Norwalk St to Merritt Dr.
- **Shelby Drive**: Big Tree Way to Edith Lane.

- **Elm Street**: Cone Blvd to Irving Park Ct.

- **Burtner Street**: Elm St to trail.
- **Vance Arlington Connector**: Trail for Florida St to Whittington St & sidewalk on Arlington St from Whittington St to Bragg St.

City of Greensboro contract (U-5532G): 2.74 miles of sidewalk expected construction Summer 2020.
- **Byers Road**: Lees Chapel to Byers Ridge Dr.
- **Four Seasons Boulevard**: Vanstory St to Creekridge Rd.
- **Pear Street**: Ardmore Dr to Gate City Blvd.
- **Summit Avenue**: Rankin Rd to south of Buffalo Creek.

- **Bessemer Avenue**: Grecade St to Hill St.
- **Seminole Drive**: Westover Pkwy to Benjamin Pkwy
- **Whippoorwill Drive**: Pennydale Dr to Jane St.

City of Greensboro contract (U-5532C): 0.64 miles of sidewalk expected construction Summer 2020.
- **Rudd Station Road**: Scott Rd to Townsend Rd.
- **Scott Road**: Rudd Station Rd to Summit Ave.

- **Holden Road**: Madison Ave to Friendly Ave.
- **Sixteenth Street**: Yanceyville St and Cone Blvd.
- **Swing Road**: Market St to Burnt Poplar Rd.

- **A&Y Greenway Repair**: Lake Brandt Rd to Strawberry Rd.
- Lake Daniel Greenway & Bridge: Friendly Ave to Josephine Boyd St.
- Latham Park Greenway: Tennis courts to Cridland Dr.

- Farmington Drive: Gate City Blvd to Holden Rd.

City of Greensboro contract (2017-480): 0.23 miles of sidewalks expected construction early 2021.
- Colby Street: Gate City Blvd to West St.

- Battleground Avenue: south of Westridge Rd to south of Martinsville Rd.

- Holden Road: Madison Ave to Walker Ave.
- Holden Road: Darden Rd to Vandalia Rd.
- Holden Road: Walker Ave to Spring Garden St.
- Rankin Road & Martin Avenue: Summit Ave to Springmont Dr.
- Spring Garden Street: Market St to Pomona Dr.

- Cotswold Avenue: Battleground Ave to Cotswold Terrace.
- Fairfax Road: Hilltop Rd to existing.
- Four Seasons Boulevard: Creekridge Rd to Vandalia Rd.
- Greenbriar Road: Church St to Elm St.
- Muirs Chapel Road: Tower Rd to Friendly Ave.
- Spring Garden Street: Merritt Dr to west of Holden Rd.

City of Greensboro contract (2015-100): 0.89 miles of sidewalks expected construction early 2023.
- Nealtown Road: White St to Huffine Mil Rd.

- Jefferson Road: Gaines Dr to New Garden Rd.

- Westridge Road: Friendly Ave to Trentwood Dr.

Future Projects
The City of Greensboro has many sidewalk projects in design. Mid-term projects highlights include the following. Timing and groupings into contracts are under review.
- A&Y Greenway: Benjamin Pkwy to north of Markland Dr.
- Apache Street: English St to Apache Park.
- Burnt Poplar Road: Side path from Boulder Rd to Swing Rd.
- Church Street: Lees Chapel/Pisgah Church to Whistling Swan Dr.
- Coliseum Boulevard: Gate City Blvd to Marion St.
- Cornwallis Drive: Battleground Ave to Surry Dr.
- Frazier Road: Groometown Rd to Merritt Dr.
- Friendway Road: Existing to Fuquay Pl.
- Glendale Road: Holden Rd to Randleman Rd.
Bicycle Improvements

The 2015 Biped Plan Update identified many needed bicycle improvements. As a part of an ambitious implementation agenda, the City has set the a goal of getting to 75 miles of bicycle lanes by 2022. On roadways with adequate or excess motor vehicle capacity, bikes lanes are added either through resurfacing or through “scratch and remark” projects. Bike lanes are also added with roadway widening projects where possible.

To date 40 miles of bike lanes and 10.5 miles of buffered bike lanes have been installed.

Recent Installations

Bike Lanes
- **Hobbs Road**: Highwoods Blvd to Jefferson Wood Ln.
- **Hornaday Road**: Chimney Center Blvd to east of I-73.
- **Lindsay Street**: Bessemer Ave to west of Murrow Blvd.
- **Northline Avenue**: Hobbs Rd to east of Pembroke Rd.
- **Gatewood Avenue**: Tucker St to Mayfair Ave.
- **Industrial Avenue**: Elm-Eugene St to west of Manufacturers Rd.
- **Church Street**: Murrow Blvd to North Park Dr.
- **Cornwallis Drive**: Church St to Yanceyville St.
- **Friendly Avenue**: Westridge Rd to Milner Dr.

Buffered Bike Lanes
- **4th Street**: Maple St to Summit Ave.
- **Bennet Street**: Gate City Blvd to Florida St.
- **Church Street**: Summit Ave to Murrow Blvd.
- **16th Street**: Summit Ave to Cone Blvd.
- **Bessemer Avenue**: English St to Holt Ave.

Sharrows:
- **Church Street**: Bessemer Ave to North Park Dr.
- **Drawbridge Parkway**: Horse Pen Creek Rd to east of Wildflower Dr.
- **Industrial Avenue**: Manufacturers Rd to Pleasant Garden Rd.

Mendenhall Street: Market St to Spring Garden St.

Upcoming Roadway Projects with Bike Lanes
- **N. Elm Street**—Bellemeade St to Cone Blvd.
- **East Gate City Boulevard**—Florida St. to Willow Rd.
- **Horse Pen Creek Road**—New Garden Rd. to Battleground Ave.
- **Alamance Church Road**—Martin Luther King, Jr Dr. to City Limits.
- **Vandalia Road**—Elm-Eugene St. to Pleasant Garden Rd.

Recent Installations

Hilltop Road: existing sidewalk to west of Gate City Blvd and Fairfax Rd.

Holden Road: Cascade/Cornwallis to Bryan Blvd.

Market Street: Walker Ave to Starmount Dr.

Martin Avenue: Spry St to McKnight Mill Rd.

McCormick Street: Haywood St to existing.

McKnight Mill Road: Sands Dr to 16th St.

Merritt Drive: Gate City Blvd to Frazier Rd.

Merritt Drive: Hewitt St to I-40.

Muirs Chapel Road: Tower Rd to Market St.

Northeast/Keeley Park Connector: side path from exiting greenway to Keeley Rd.

Northwood Street: Battleground Ave to Winstead Pl.

Old Battleground Road: Westridge Rd to British Lakes Dr.

16th Street: Cone Blvd to McKnight Mill Rd.

Spry Street: Martin Ave to Summit Ave.

Strawberry Road: A&Y Greenway crossing improvements.

Sykes Avenue: Calumet Pl to Phillips Ave.

Vandalia Road: Groometown Rd to Randleman Rd.

Vanstory Street: Ontario St to Holden Rd.

Winstead Place: Northwood St to Wendover Ave.

Westminster Drive: Friendly Ave to existing.

Whittington/Haywood Street: Curtis St. to Jose-
CommunityViz Scenario Modeling Tool

Arguably the most impactful regional planning project is the implementation of CommunityViz as a scenario modeling planning tool. Accurate results from the travel demand model used by Piedmont Triad MPO’s depends on reliable and realistic growth projections. County growth totals provided by the NC Demographer are used as the basis for projecting growth within a county. Communities in the county then subjectively distribute growth throughout the county. The growth is placed within a traffic analysis zone based on future land use plans. This is referred to as a top-down approach. CommunityViz uses the same county growth projections but distributes future growth from the bottom up. This is done by distributing future growth to individual parcels based on that parcel’s capacity to accept growth through pre-defined growth influencers that attract or inhibit growth. This method will not reduce the amount of projected growth for a county but it will give a more accurate prediction of where growth will occur. But more importantly it will allow communities to see the impact of different growth scenarios to ensure development of the most effective and efficient transportation infrastructure possible. Find out more at www.partnc.org/communityviz.

Transit Improvements

PART Vanpool

The PART Vanpool Program provides eligible groups of five or more commuters with a 7 or 15 passenger van to use to commute to and from work. The month-to-month lease includes the vehicle, insurance, maintenance, gas, and an Emergency Ride Home. Visit www.partnc.org/vanpool for more information. Watch a video explaining the Vanpool Program here https://youtu.be/dLiq-SbisE.

TouchPass - Successful Transition to Mobile Ticketing

Two new digital payment methods are now available on PART Express in the form of TouchPass Mobile and Smartcard Ticketing. This electronic fare technology will allow passengers to conveniently purchase passes online or through the app, pay fares easily with a scan or a tap, and ultimately speed up the boarding process. Passengers can create a TouchPass account where they can buy and keep track of bus passes, load stored value, and monitor activity such as transfers.

“Now that the TouchPass mobile app has been implemented, boarding the bus has become so much easier,” Jennifer Chapman, a PART rider of seven years, said. “Rather than having to keep track of cash, change, or a pass card, I can use something I already have (my phone) to quickly and easily board the bus.”

Of all the enhanced features this system boasts, likely the most significant is the PART Rewards program. The system automatically keeps track of trips and payments and will put a cap on a passenger’s account, saving them money. Once a passenger spends $5 per day or $80 per month, they will not have to pay for additional trips the rest of the day or month.

PART Passes at Your Fingertips

Load. Tap. Ride.

Download the TouchPass Mobile App at buy a TouchPass Smartcard and you’re ready to ride. PARTnc.org/TouchPass
TRANSIT IMPROVEMENTS

NEW GTA ROUTES
The Greensboro Transit Agency rolled out modified routes in August. The changes were part of the short-term recommendations for the agency’s Mobility Greensboro 2040 master plan.

The modifications altered existing routes and stop locations to better serve some of the busiest areas of the system. They include a new Route 13, which will improve service on the Randleman Road and South Elm Eugene corridors.

These improvements were made without increasing costs. The route modifications are expected to make the system more efficient and reliable, increase passenger trips, and enable the City to use a three-year, $500,000 Congestion Mitigation and Air Quality grant from Federal Highway Administration will pay for 80 percent of the operating costs for the new route on Randleman Road.

Mobility Greensboro 2040 establishes core routes with a future goal of 15-minute frequent service along mixed-use corridors. Secondary neighborhood routes primarily serving residential areas would maintain 30-minute service.

BATTERY ELECTRIC BUS ROLLOUT
On February 21, Gov. Ray Cooper joined local elected leaders for the dedication of North Carolina’s first battery-electric buses placed into municipal transit service.

The CEO of Proterra Ryan Popple presented Mayor Nancy Vaughan with the buses as the City joined a growing number of communities dumping the pump for battery power. The 40-foot buses were delivered and began serving Greensboro passengers January 31. To date, GTA has 13 electric vehicles in use with another three expected in fall 2019.

DEPOT GETS SOLAR
The J. Douglas Galyon Depot now has solar panels. The commercial system, which begin operating May 7, is a first of its kind for the City of Greensboro.

Installing the latest solar energy technology at the 92-year-old transit facility required a significant update to the electrical system and supporting structure. The system, mounted on the bus canopy roof, collects energy from the sun, which is used to power GTA’s new overhead battery-electric bus charger. During daily service, the electric buses entering the transfer center can connect with the powered canopy, powering up for the next service run.