

Department of Transportation  
Transit Division

## Transit & GIS

### City of Raleigh, Transit Division

Ryan Boivin  
Morgan L. Simmons  
Matthew Van Hoeck  
David Walker



Raleigh



# GoRaleigh General Information

- ✓ Located in **Raleigh, NC**
- ✓ **38 Routes** in the System
- ✓ **Operating 7-days a week, except for Thanksgiving and Christmas**
- ✓ **100+** Transit Vehicle Fleet
- ✓ Over **5 million** passenger trips annually\*



\* We anticipate passenger trips in CY 2020 to be lower due to the COVID-19 pandemic



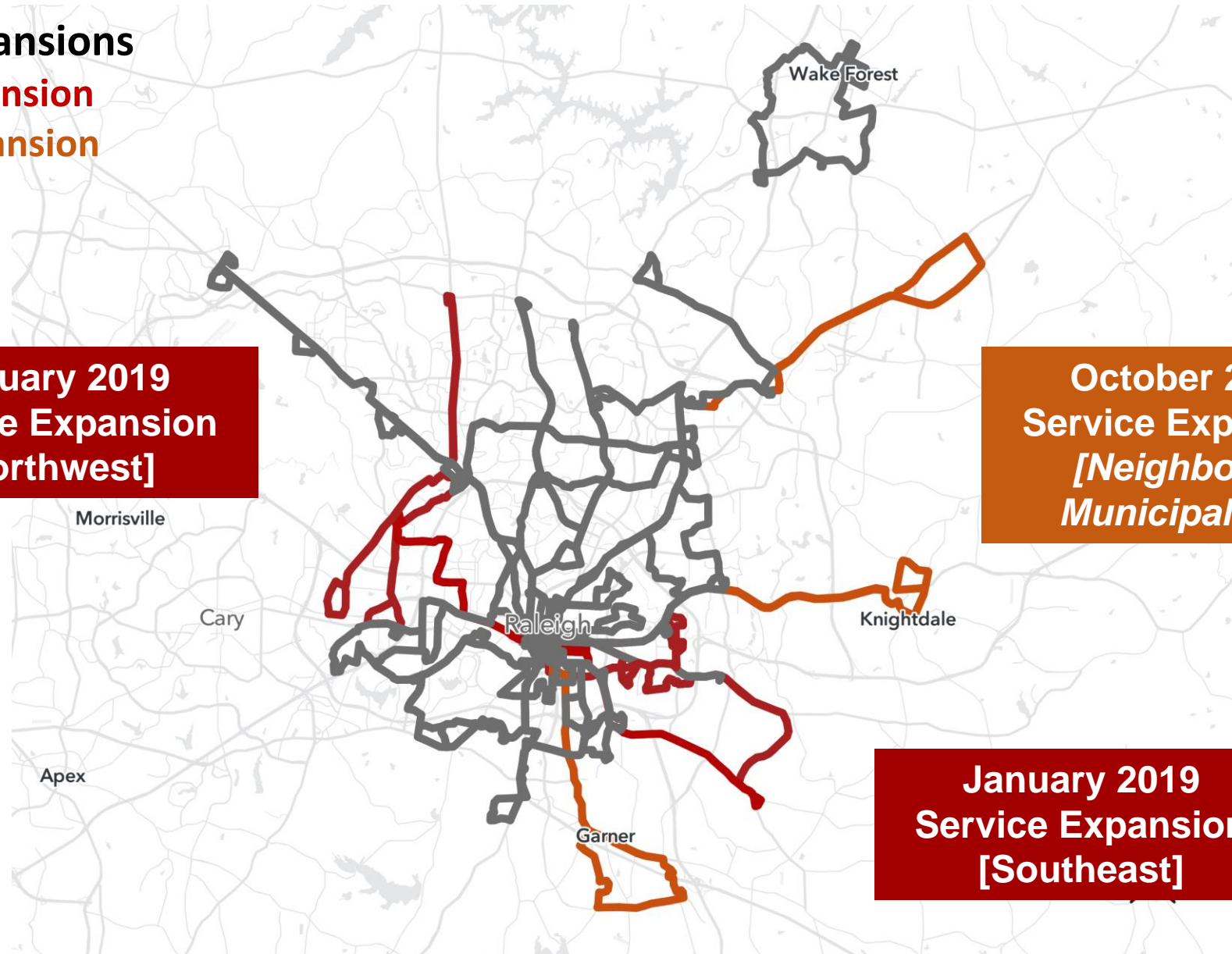
## Recent Service Expansions

- ✓ January 2019 Expansion
- ✓ October 2019 Expansion


**January 2019  
Service Expansion  
[Northwest]**

**October 2019  
Service Expansion  
*[Neighboring  
Municipalities]***

**January 2019  
Service Expansion  
[Southeast]**





# GIS Tools: Bus Stop Amenities Map



## GoRaleigh Bus Stop Amenities Map

Click on any icon on the map for details of that location. Bus stops where a shelter and bench is provided have a red overlay, and bus stops where a shelter is in development have an orange overlay. Use the buttons at the top right of this page to open the legend, adjust what layers are shown, and to change the basemap.

To access transit schedules visit [goraleigh.org](http://goraleigh.org)



**DISCLAIMER:**  
Map updated as of 2020 by City of Raleigh  
Department of Transportation- Transit Division. This map is provided as a public information resource and

GO Raleigh

GoRaleigh Bus Stop Amenities

City of Raleigh | GoRaleigh | TransLoc | Download Bus Stop Info | Bus Shelter Policy

Find address or place

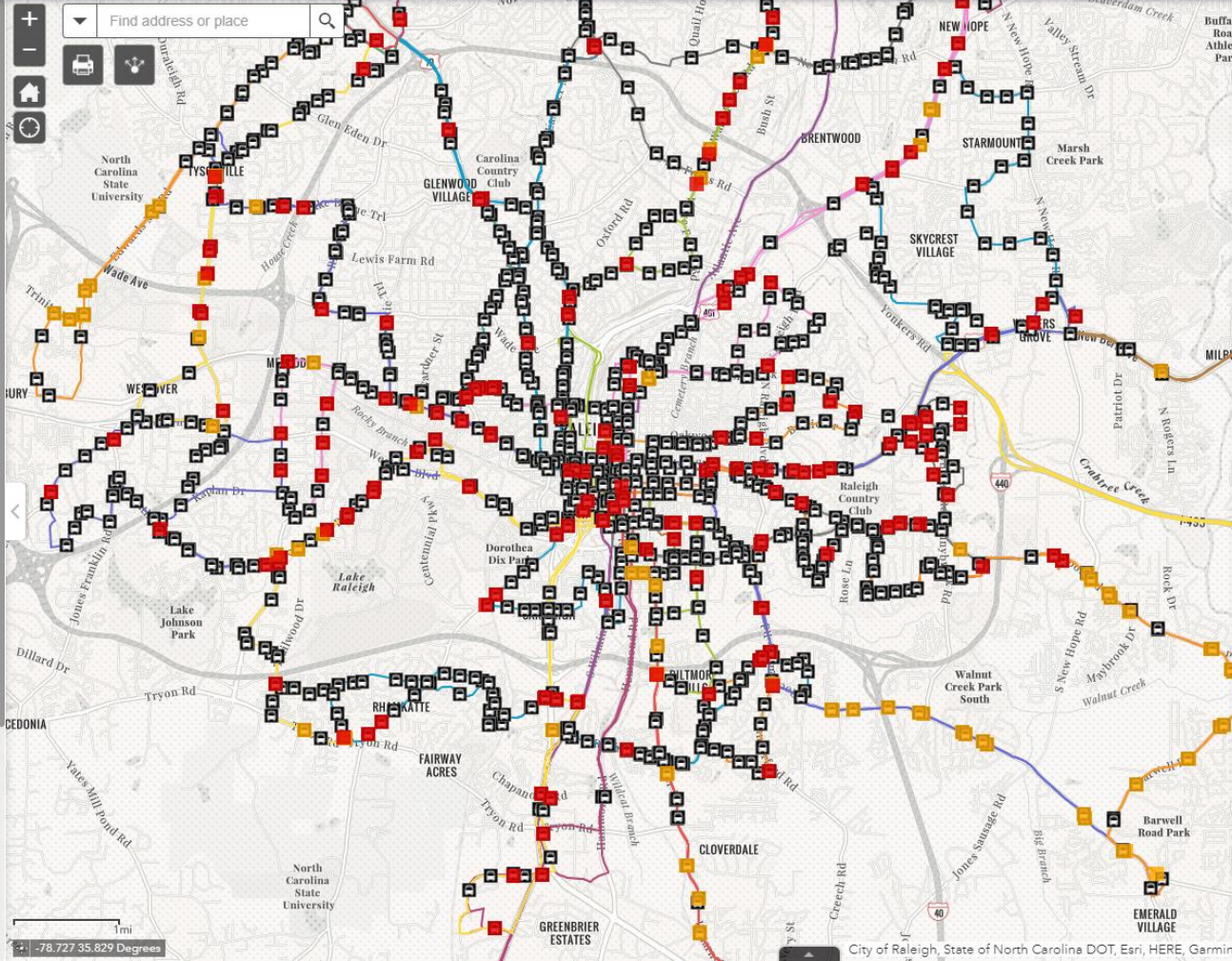
+

-

Home

Layers

Full Screen



Map showing bus stops and routes in Raleigh, NC. The map includes labels for various neighborhoods and landmarks, such as North Carolina State University, Lake Johnson Park, and the City of Raleigh. The map is overlaid with a grid of bus stops, with red squares indicating existing bus shelters and orange squares indicating planned bus shelters. Various bus routes are shown as colored lines.

**Legend**

Existing Bus Shelter

Planned Bus Shelter

GoRaleigh Bus Stops

GoRaleigh Bus Routes

1 Capital Blvd

2 Falls of Neuse

3 Glencock

4 Rex Hospital

5 Biltmore Hills

6 Crabtree

7 South Saunders

7L Carolina Pines Connector

8 Six Forks

10 Longview

11L Buck Jones Connector

11 Avent Ferry

12 Method

13 Chavis Heights

15 WakeMed

15L Trawick Connector

16 Oberlin

18 Poole-Barwell

17 Rock Quarry

18S Poole

19 Apollo Heights

(1 of 8)

8676 MLK Jr Blvd at Rock Quarry Rd

Stop Code

Stop Name

Street

Cross Street

Position

Downtown

Council District

Sign Crew

Road Maintenance

GoRaleigh

GoTriangle

Wolfline

8676

MLK Jr Blvd at Rock Quarry Rd

MLK Jr Blvd

Rock Quarry Rd

No

C

D

NCDOT

Yes

No

No

[Zoom to](#)



# GIS Tools: Trip Planning Tools

The image displays three screenshots of GIS trip planning tools:

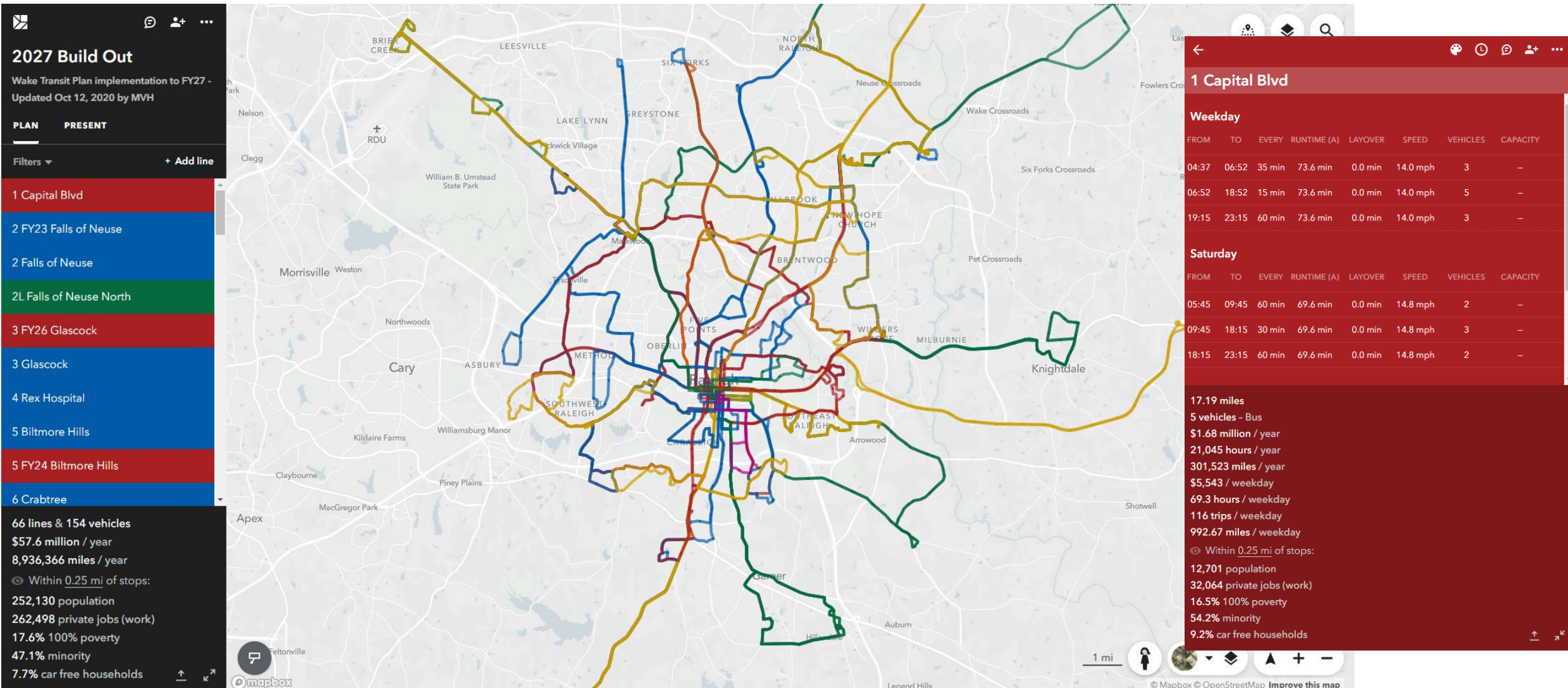
- TransLoc:** A web-based interface showing a map of the Triangle region (Raleigh, NC) with various bus routes color-coded. The left sidebar lists routes such as Capital Blvd, Falls of Neuse, Glascock, Rex Hospital, Biltmore Hills, Crabtree, South Saunders, Carolina Pines Connector, Six Forks, Longview, Avent Ferry, Buck Jones Connector, Method, Chavis Heights, WakeMed, Trawick Connector, Oberlin, Rock Quarry, Poole-Barwell, Apollo Heights, Garner, Caraleigh, and State Street. The map shows the routes overlaid on the geographic area.
- GoRaleigh Station, South Blount St:** A Google Maps interface showing a street view of the station. The interface includes a search bar, a menu, and a list of nearby bus stops. The stop ID is 8001, and the address is 214 S Blount St, Raleigh, NC 27601. The interface also shows a list of nearby businesses and landmarks.
- Moore Square:** A Google Maps interface showing a street view of Moore Square. The interface includes a search bar, a menu, and a list of nearby bus stops. The stop ID is 8001, and the address is 214 S Blount St, Raleigh, NC 27601. The interface also shows a list of nearby businesses and landmarks.

[TransLoc link](#)

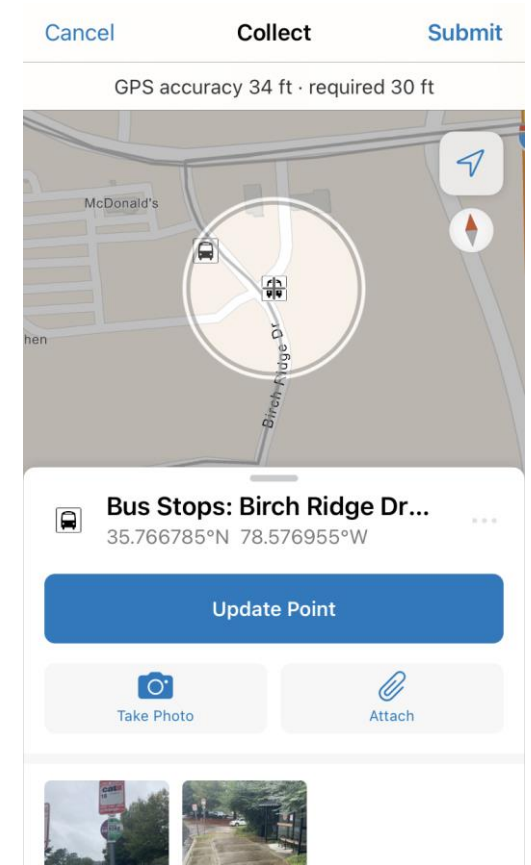
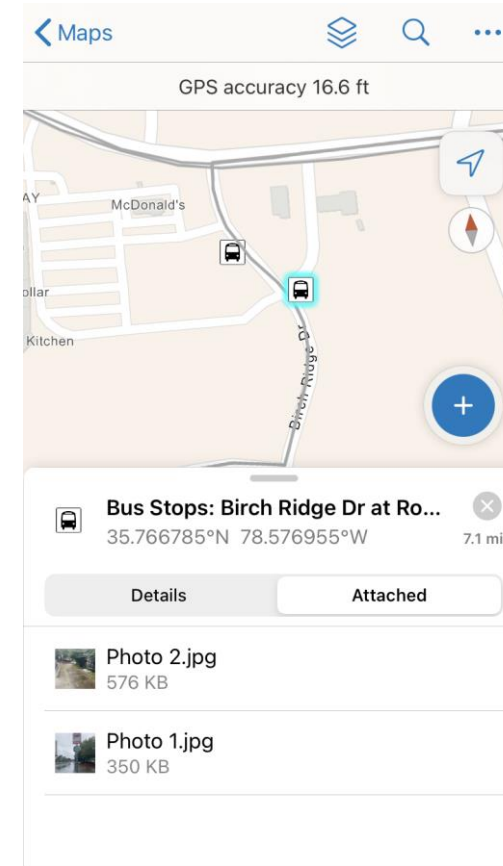
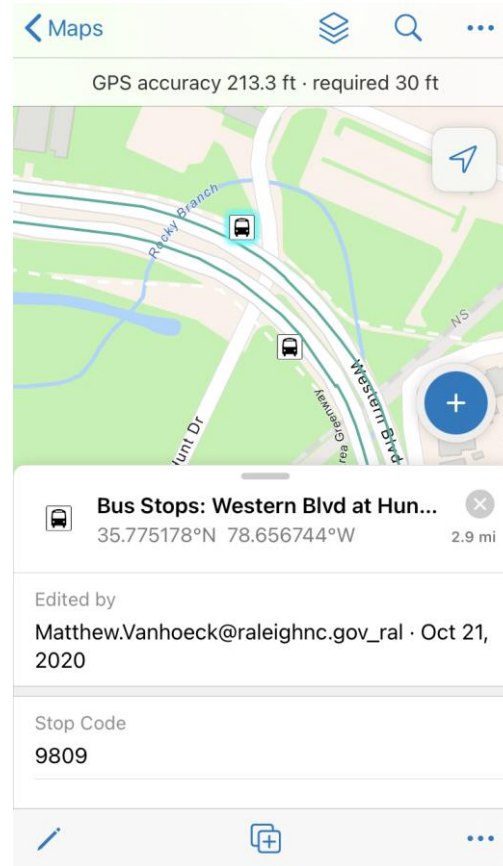
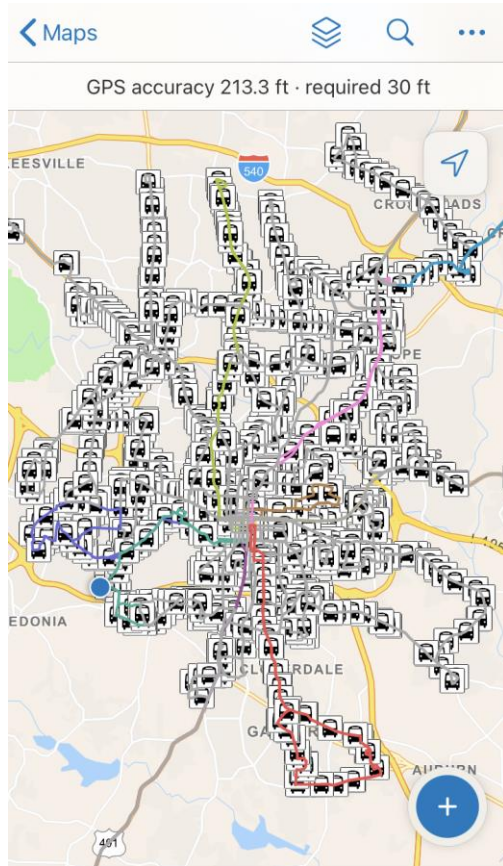
[Google Maps link](#)



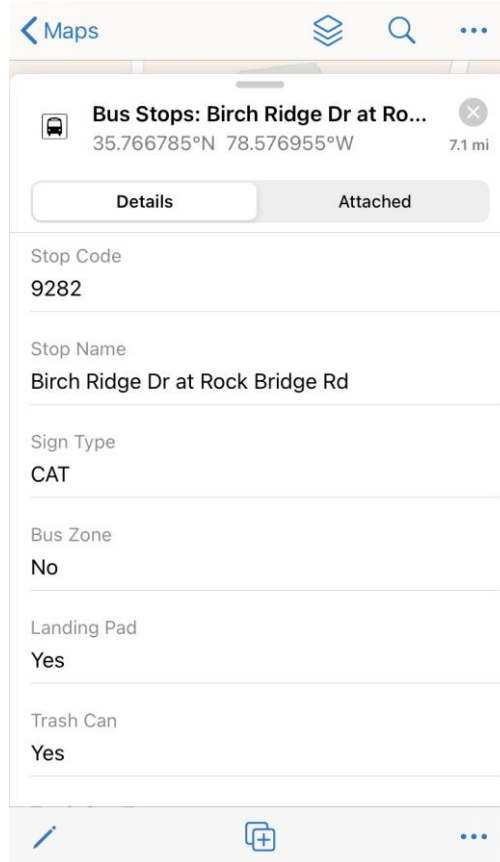
# GIS Tools: Route Planning Tools



# GIS Tools: Arc Collector, In Field App



# GIS Tools: Arc Collector, In Field App



**Bus Stops: Birch Ridge Dr at Ro...**  
35.766785°N 78.576955°W 7.1 mi

Details Attached

Stop Code  
**9282**

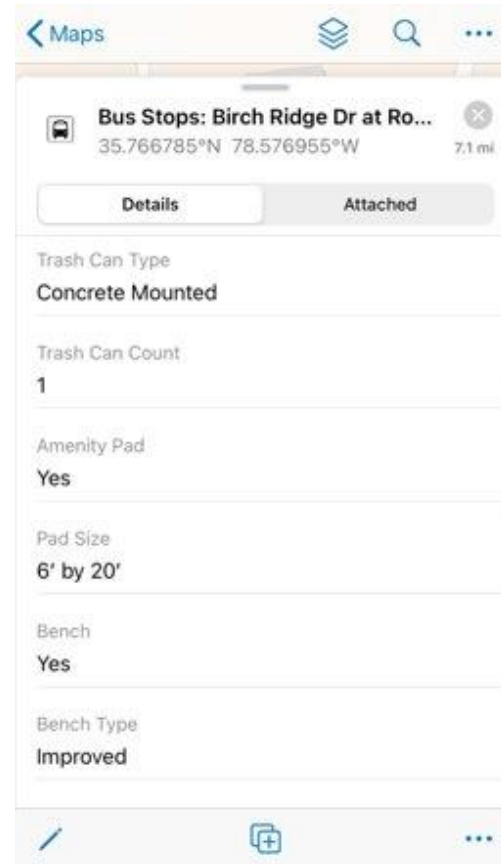
Stop Name  
**Birch Ridge Dr at Rock Bridge Rd**

Sign Type  
**CAT**

Bus Zone  
**No**

Landing Pad  
**Yes**

Trash Can  
**Yes**



**Bus Stops: Birch Ridge Dr at Ro...**  
35.766785°N 78.576955°W 7.1 mi

Details Attached

Trash Can Type  
**Concrete Mounted**

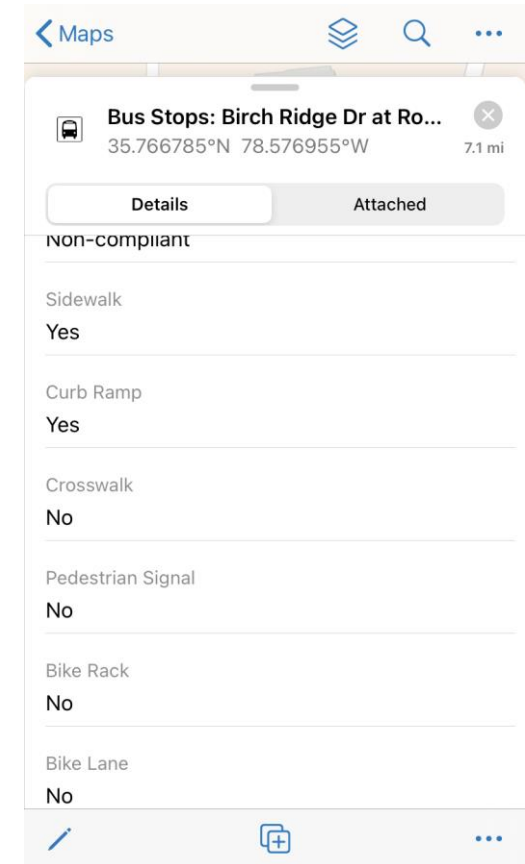
Trash Can Count  
**1**

Amenity Pad  
**Yes**

Pad Size  
**6' by 20'**

Bench  
**Yes**

Bench Type  
**Improved**



**Bus Stops: Birch Ridge Dr at Ro...**  
35.766785°N 78.576955°W 7.1 mi

Details Attached

non-compliant  
**No**

Sidewalk  
**Yes**

Curb Ramp  
**Yes**

Crosswalk  
**No**

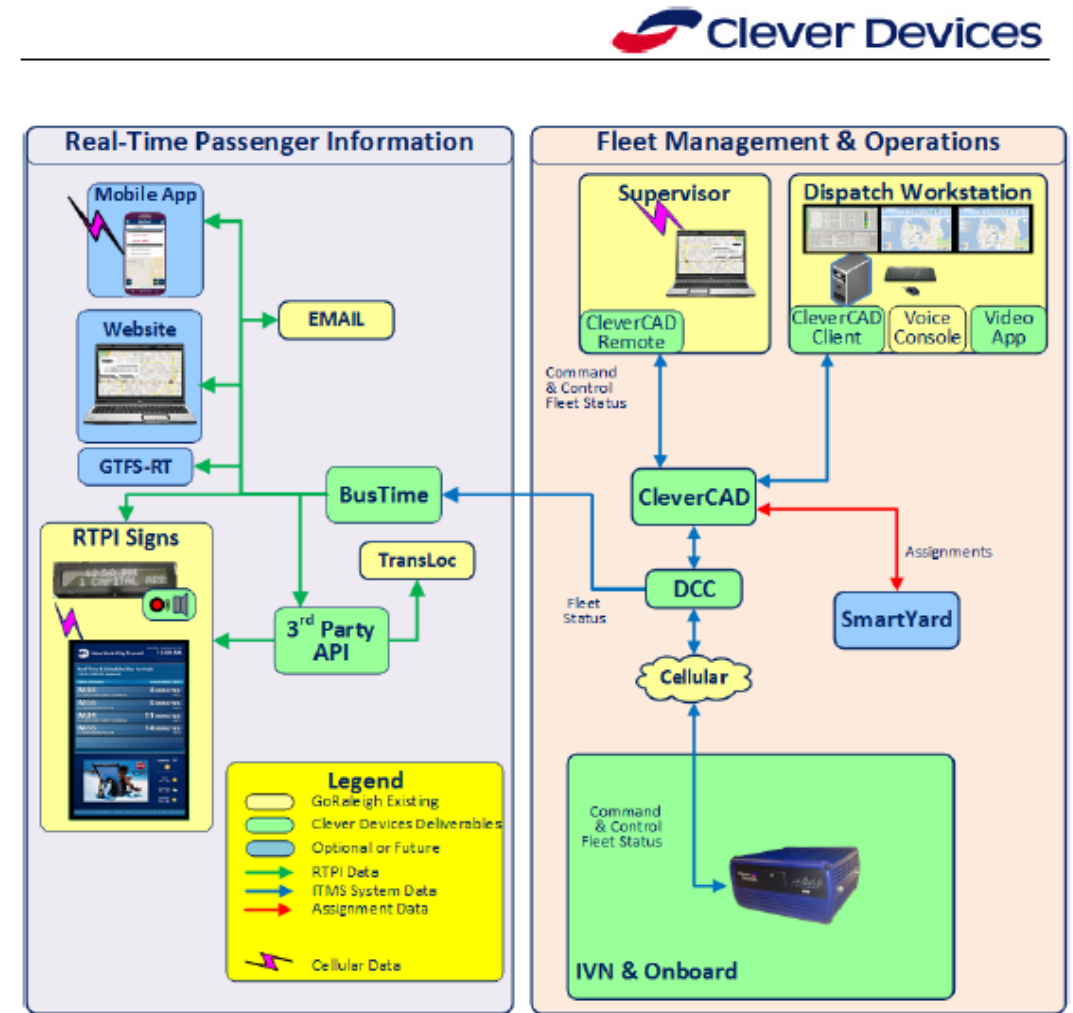
Pedestrian Signal  
**No**

Bike Rack  
**No**

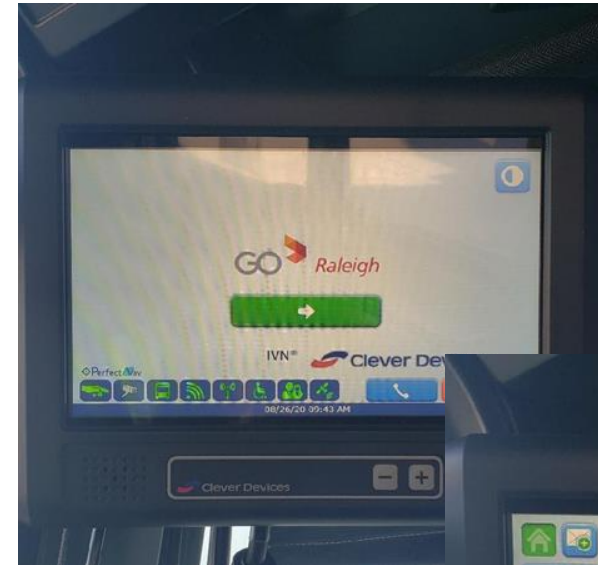
Bike Lane  
**No**



# GIS Tools: Transit Operations Applications



# GIS Tools: Transit Operations Applications





# What's Next for Transit

- ❑ **Finalizing Data Model** *to better connect all current and future GIS applications*
- ❑ **Integration of ArcGIS Insights** *to aid in route planning and engagement opportunities (Post-COVID)*
- ❑ **Continuing to explore more opportunities** *as they arise*

# Thanks for visiting the Transit Table!

## City of Raleigh, Transit Division

Ryan Boivin  
[Ryan.Boivin@raleighnc.gov](mailto:Ryan.Boivin@raleighnc.gov)

Morgan L. Simmons  
[Morgan.Simmons@raleighnc.gov](mailto:Morgan.Simmons@raleighnc.gov)

Matthew Van Hoeck  
[Matthew.VanHoeck@raleighnc.gov](mailto:Matthew.VanHoeck@raleighnc.gov)

David Walker  
[David.Walker@raleighnc.gov](mailto:David.Walker@raleighnc.gov)



Raleigh

