ATL BOARD MEETING WILL BEGIN MOMENTARILY

ATLANTA-REGION TRANSIT LINK AUTHORITY

ATL BOARD MEETING

December 2, 2021

ATL Board Meeting
December 2, 2021

I. Call to Order & Roll Call

II. Approval of the Board Minutes for November 4, 2021

III. Approval of the Agenda for December 2, 2021

IV. Public Comment

V. Committee Reports

a. Xpress Operations Committee

- Public Transportation Agency Safety Plan – **Action Item**

b. Administrative Committee

- Top End MOU – **Action Item**
- Grant Recommendations
  - ARP FTA Grant Application Approval – **Action Item**

c. Regional Transit Planning Committee

VI. 2022 ATL Board Calendar – **Action Item**

VII. ATL RIDES Update – Daniel Walls

VIII. Executive Director's Report

IX. New Business

X. Call to Adjourn

Public Comment

Committee Reports

Xpress Operations Committee Report

- Public Transportation Agency Safety Plan – **Action Item**

Administrative Committee Report

- Top End MOU – **Action Item**
- Grant Recommendations
  - ARP FTA Grant Application Approval – **Action Item**

Regional Transit Planning Committee Report

2022 ATL Board Calendar – Action Item

ATLANTA-REGION TRANSIT LINK AUTHORITY

2022 ATL Board Meeting Calendar

Thursday, January 6, 2022 – Committee Day

Thursday, February 3, 2022 – Board Meeting

Thursday, March 3, 2022 – Committee Day

Thursday, April 7, 2022 – Board Meeting

Thursday, May 5, 2022 – Committee Day

Thursday, June 2, 2022 – Board Meeting

Thursday, July 7, 2022 – Committee Day

Thursday, August 4, 2022 – Board Meeting

Thursday, September 1, 2022 – Committee Day

Thursday, October 6, 2022 – Board Meeting

Thursday, November 3, 2022 – Committee Day

Thursday, December 1, 2022 – Board Meeting

All regular Board meetings are tentatively scheduled at 8:30 AM. Please consult https://atltransit.ga.gov as times may be subject to change where necessary.

Atlanta-region Transit Link Authority
245 Peachtree Center Avenue, Suite 2200 / Atlanta, GA 30303

ATLANTA-REGION TRANSIT LINK AUTHORITY

ATL RIDES PROJECT UPDATE

Daniel Walls – Transit Funding Manager

December 2, 2021

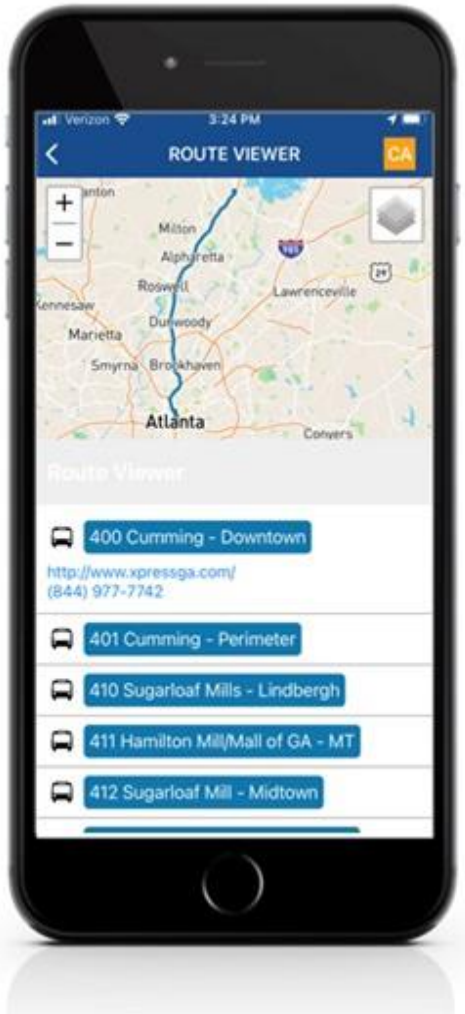
AGENDA

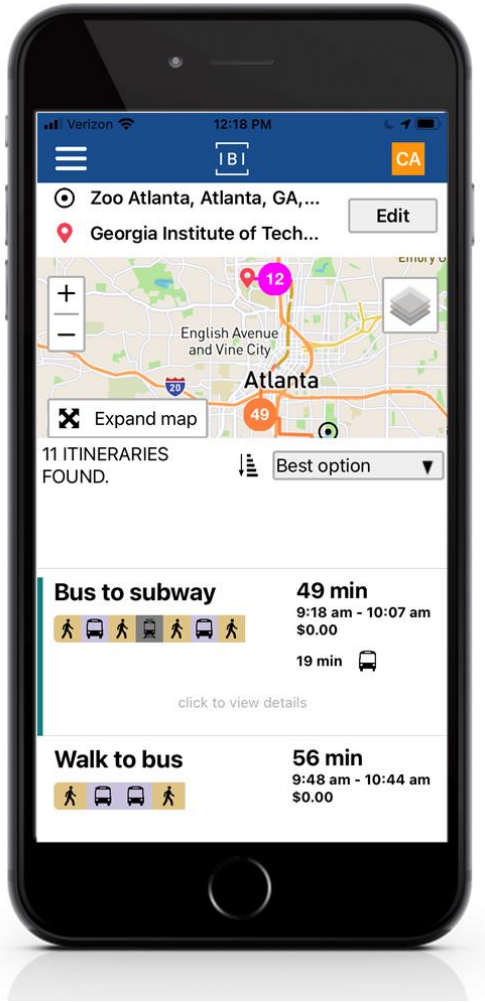
- ►Development Status Updates and Flex Expansion
- ►GTFS Coordination
- ►UI Modernization
- ►Public Engagement
- ►Next Steps

DEVELOPMENT STATUS UPDATES

Mobile Apps Update

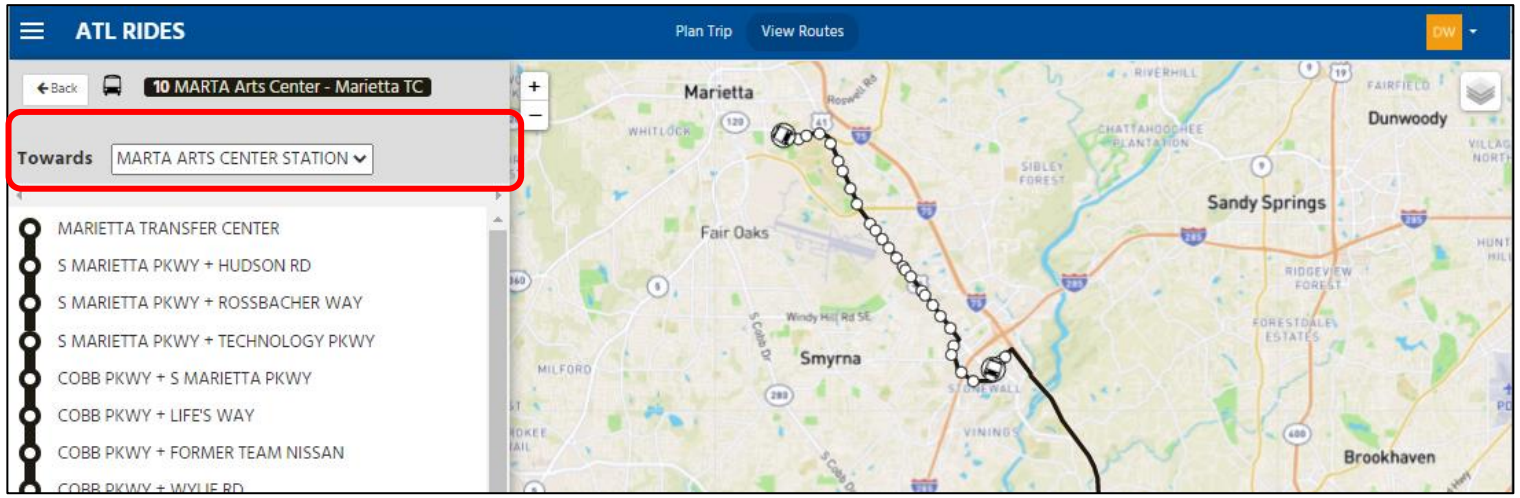
- Partners testing third release of iOS and Android apps
- Release includes:
  - User account and preferences
  - Trip cost and monitoring
  - Bug fixes and refinements



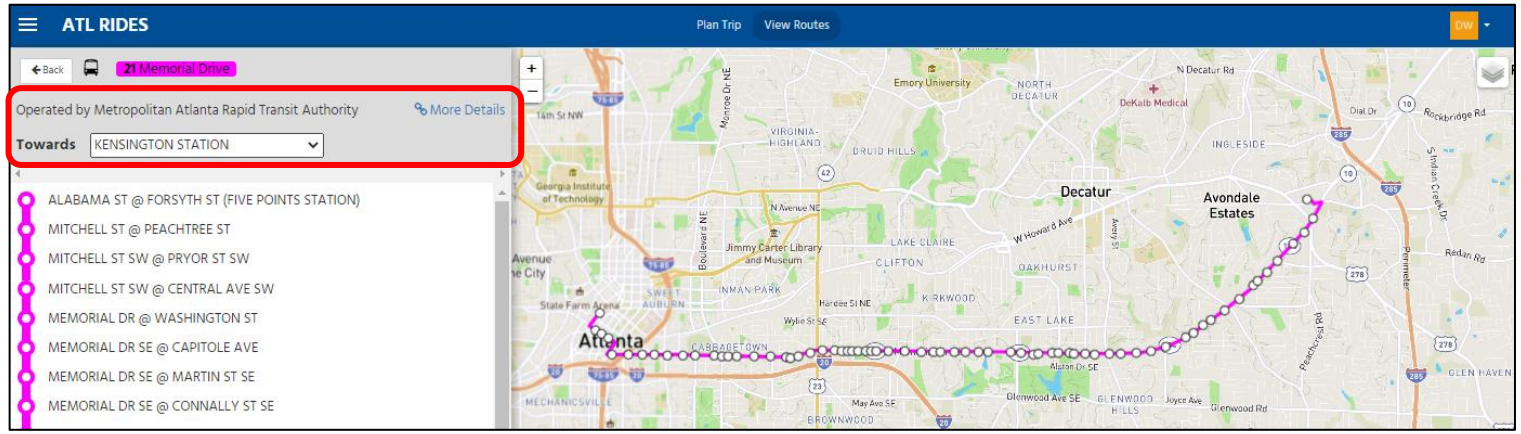


New Web App Features - Route Viewer Enhancements

- ►Sort route by agency or mode
- ►See live vehicle locations (where GTFS Realtime data is available)
- ►View route by direction

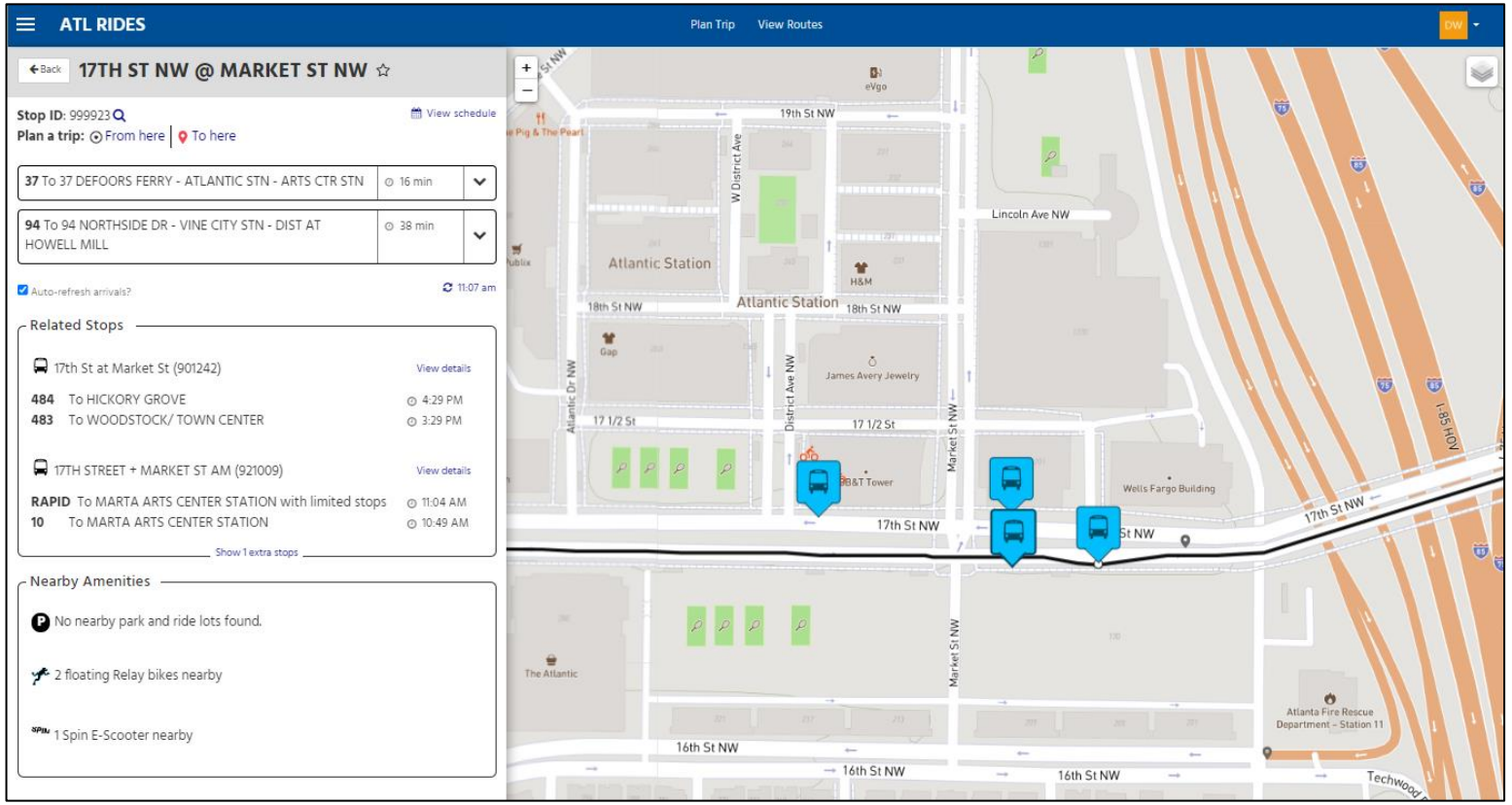


- ►<u>User experience dependent on underlying GTFS data</u>

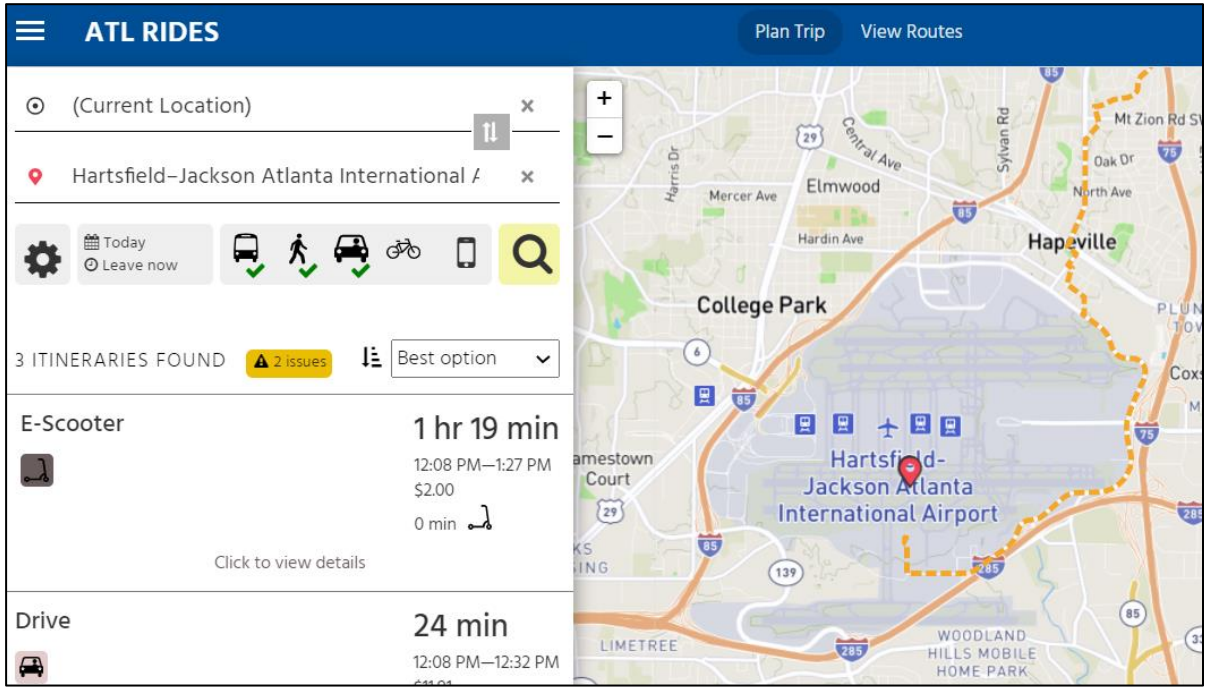


New Web App Features - Stop Viewer Enhancements

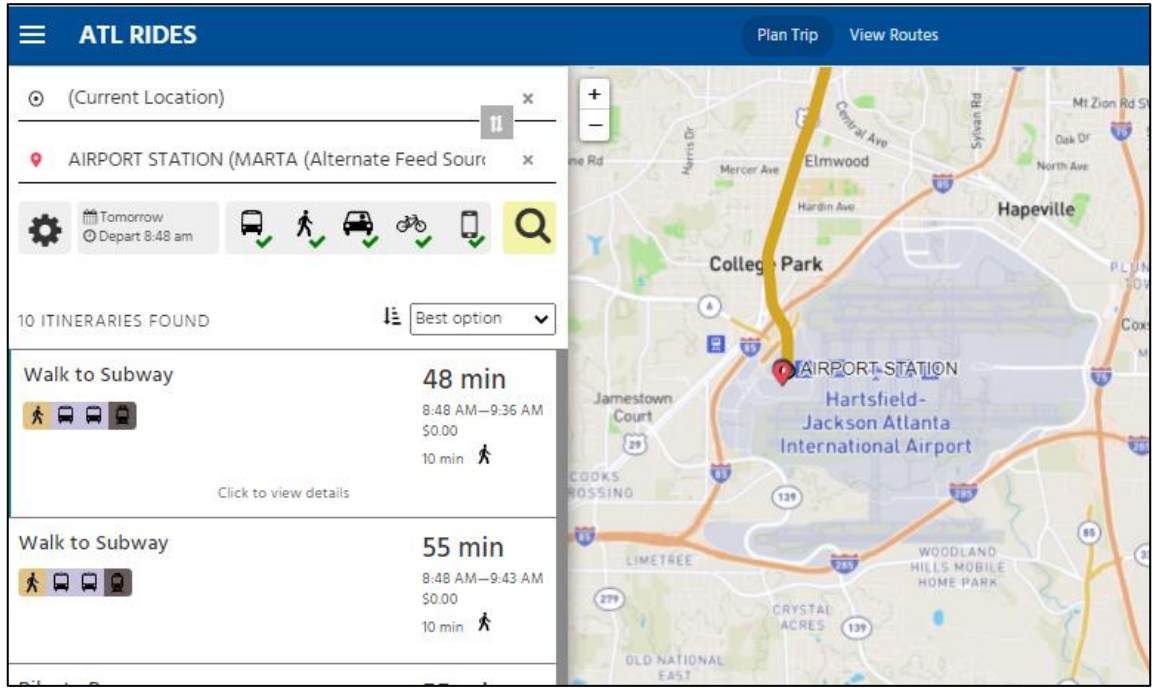
- ►See next arrivals for stop and related stops
- ►View schedule and easily plan trip to/from stop
- ►See nearby scooters, bike share, Park & Rides



Open Source Bonus Feature – Geocoding and Local Places Index (LPI)



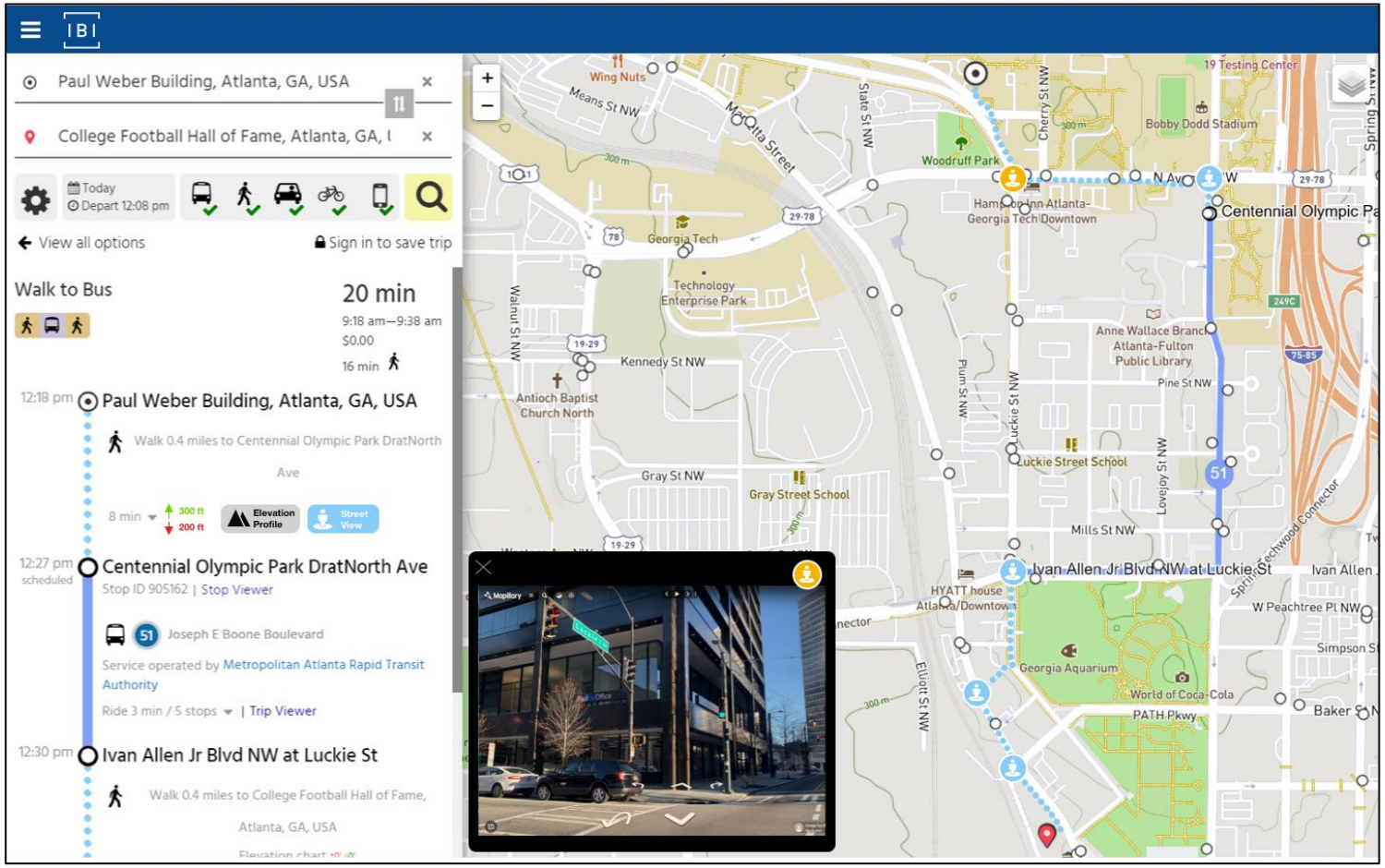
Without LPI



With LPI

Next Steps - Accessibility Routing

- Choose whether to plan an accessible trip
- View trips prioritized by accessibility
- See elevation profile, street view (via Mapillary API)
- GTFS feeds with ADA data required

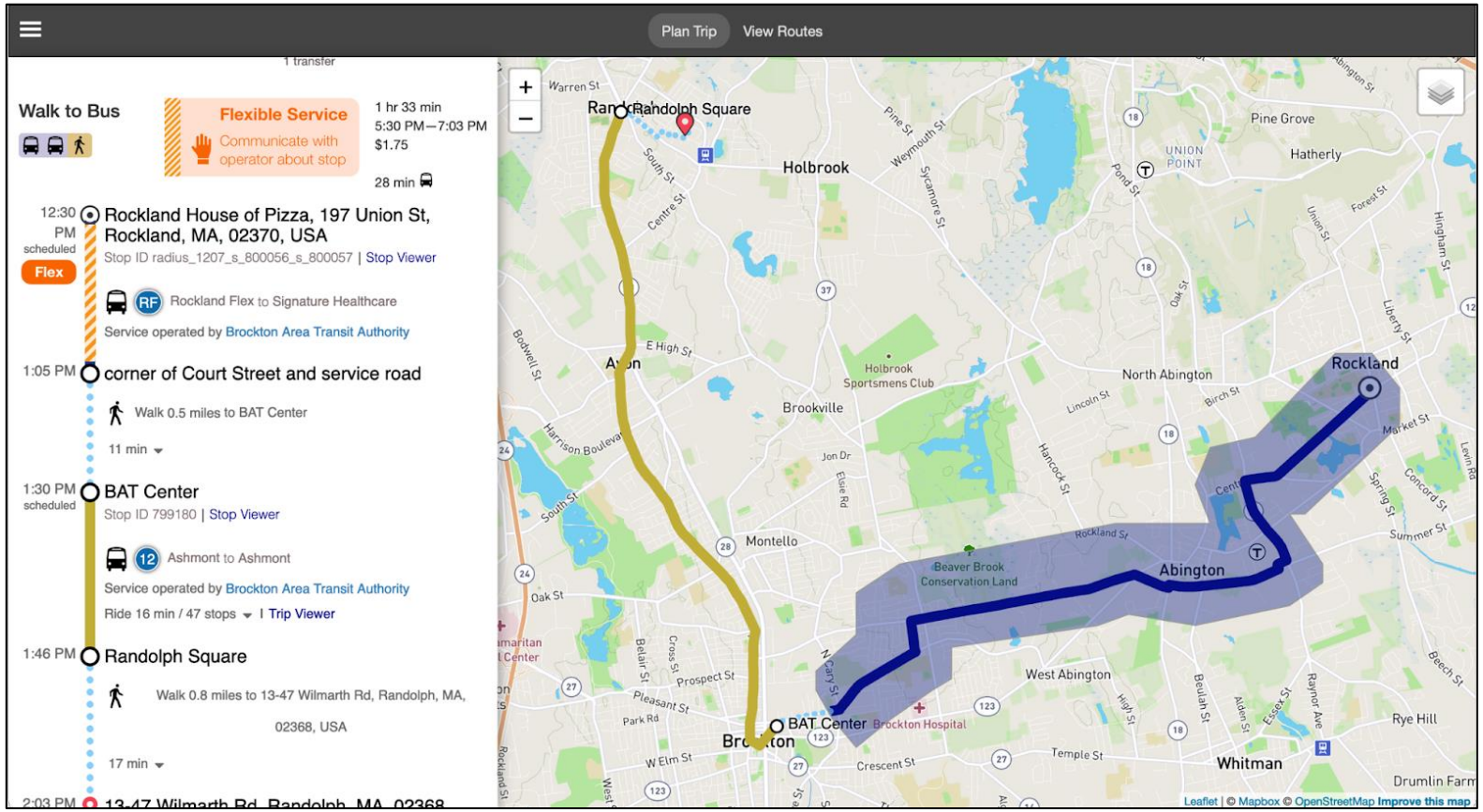


GTFS Flex Routing for Demand Response Providers

- Choose to include demand-responsive services in trip plan
- See booking information
- View itineraries with continuous stops, route deviation, dial-a-ride

Atlanta Regional Commission

Georgia Department of Transportation



Mockup of how demand-responsive trips may appear in web app

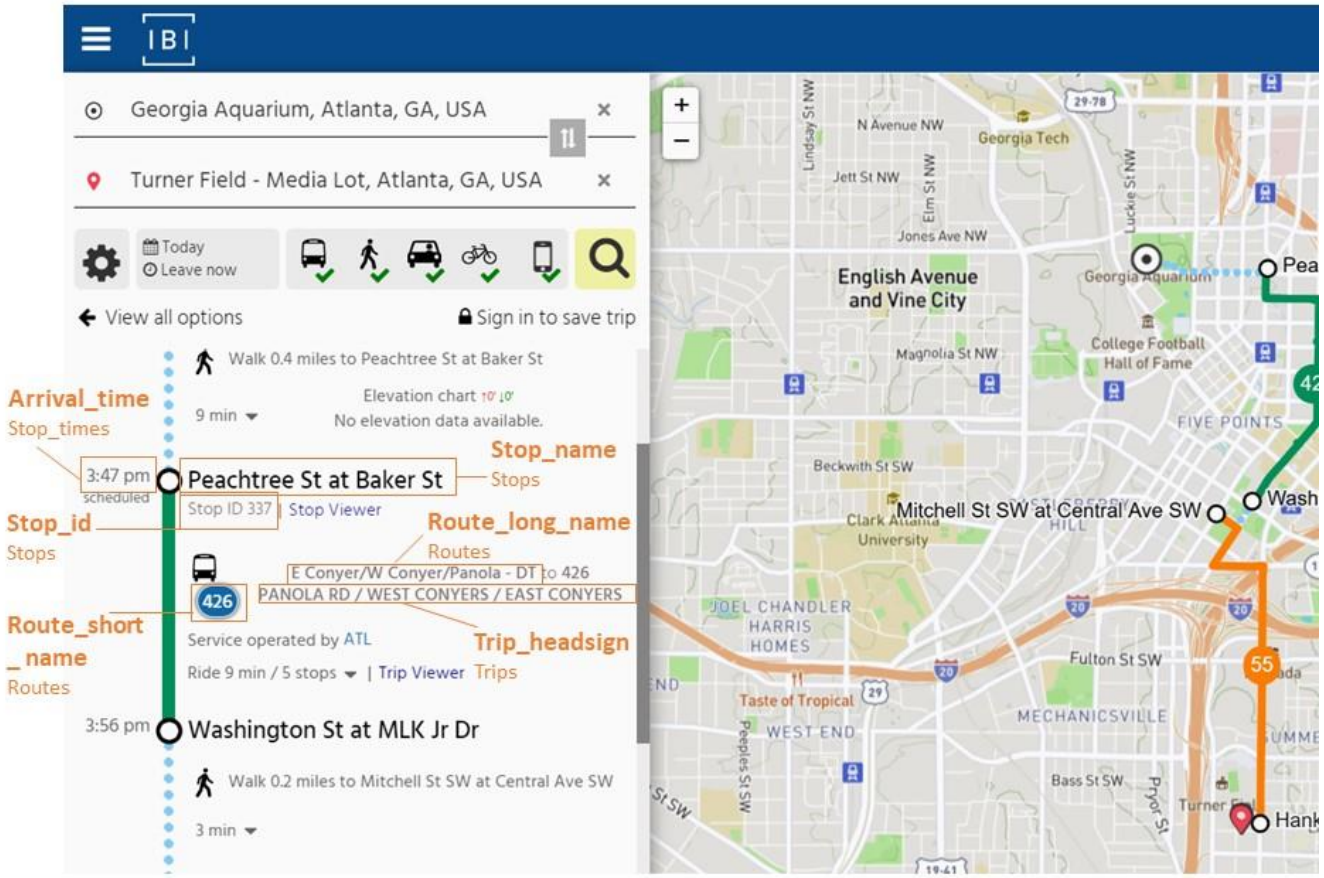
GTFS COORDINATION UPDATES

GTFS Coordination Updates

- Accessibility Routing

- Shared Stops, Itinerary, and Rider Facing Information
  - Common stop identifiers
  - Best Practices for Route/Stop Names and Trip Headsigns
  - Fare info
  - Route colors
  - Route URLs

- Overlap with MARTA's Audio Visual Information System (AVIS) monitors



GTFS Transformations Layer

- Limitations with some current vendor platforms limit the ability of providers to conform with GTFS best practices (i.e. character limits)

- Project team developing backend “transformations” layer to ensure screen reader compatibility and improved user experience:
  - Correct abbreviations
  - Consolidate/accurately place regional shared stops
  - Improve formatting (i.e. ALL CAPS to Mixed Case)

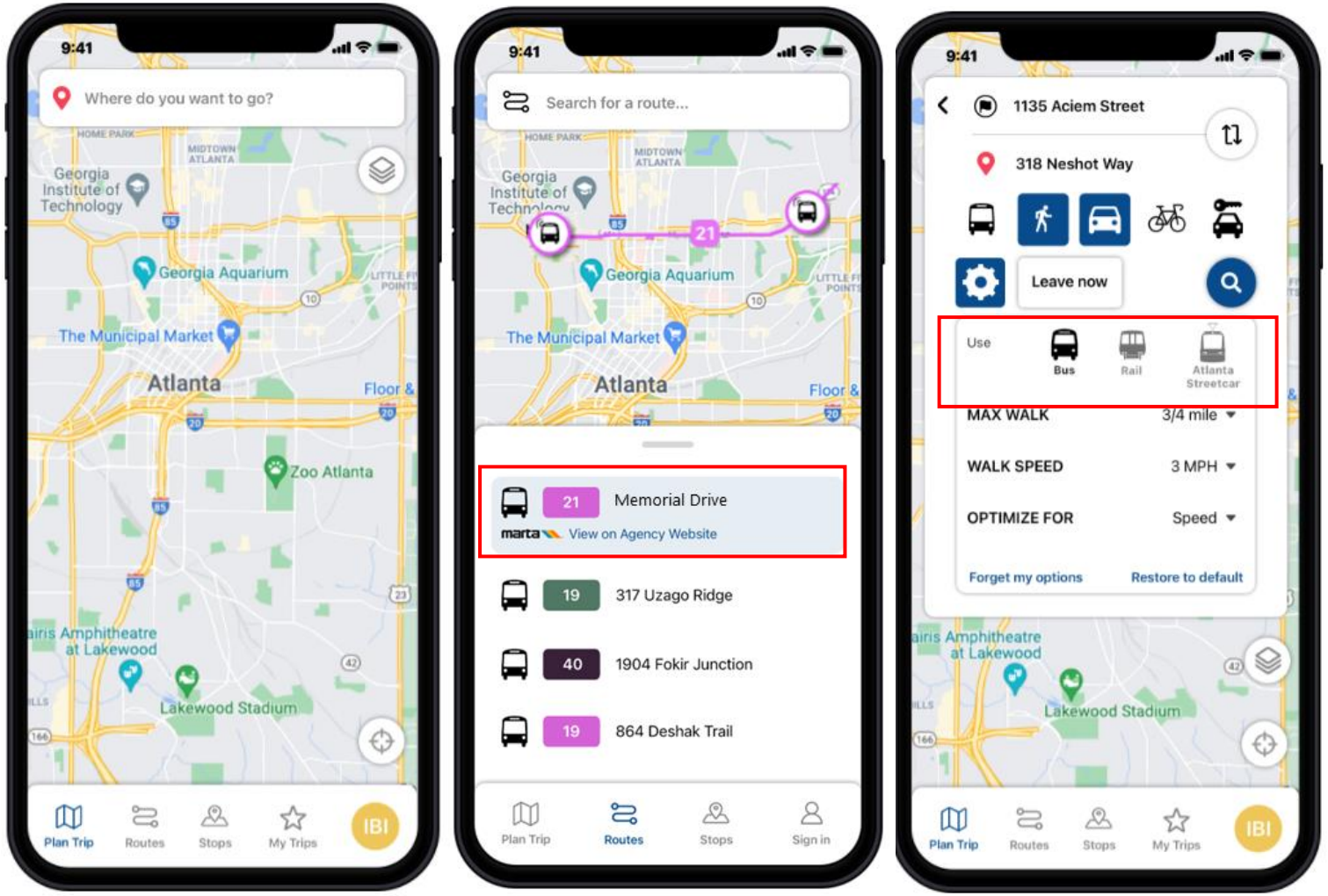
Agency	MARTA	Xpress	GCT	CobbLinc	Transformed
Stop ID	210762	191	191	191	**600028**
Stop Name	COURTLAND ST @ AUBURN AVE	Courtland at Auburn Ave	Courtland at Auburn Ave	Courtland at Auburn Ave	**Courtland Street at Auburn Avenue**
Latitude	33.755912	33.756244	33.756244	33.756244	**33.755925**
Longitude	-84.384348	-84.384356	-84.384356	-84.384356	**-84.384348**

UI Modernization

Upcoming Mobile Apps Update

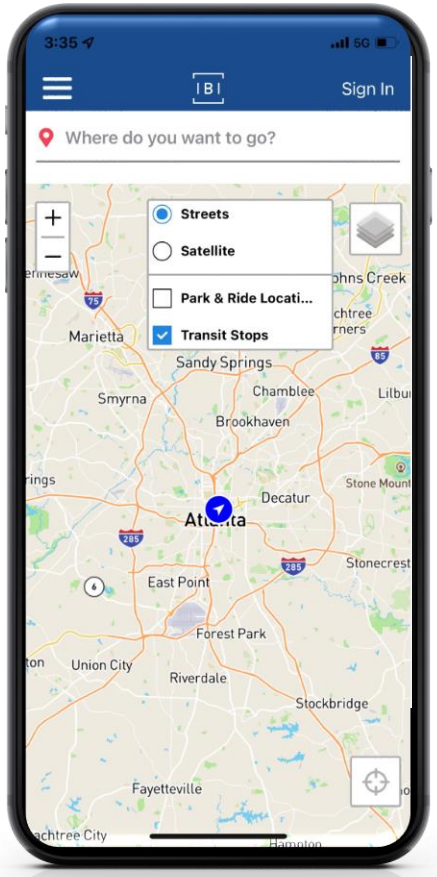
- ►UI Refresh
  - Based on partner feedback and internal development team review

- ►Top UI Action Items
  - Modernized look and feel
  - User convenience
  - Map place selection and popups
  - Additional map layers, improved map usability and display of stops
  - Stop and route viewer enhancements
  - **Local customizations**

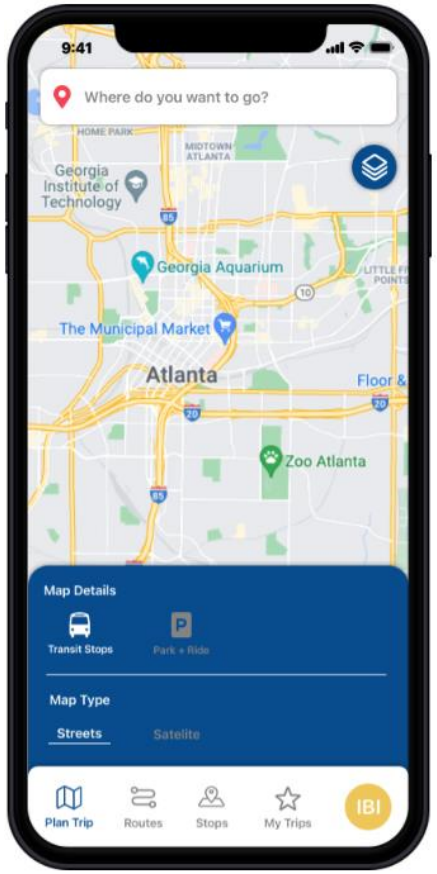


UI Modernization

Map View

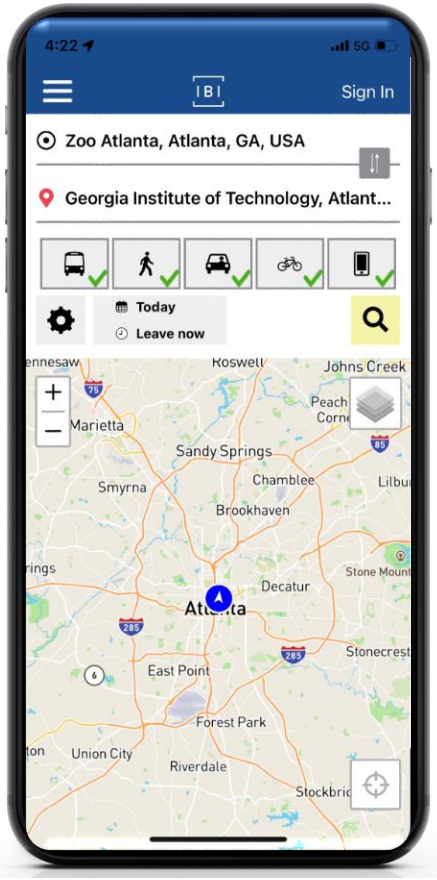


Current



Modernized

Trip Planning



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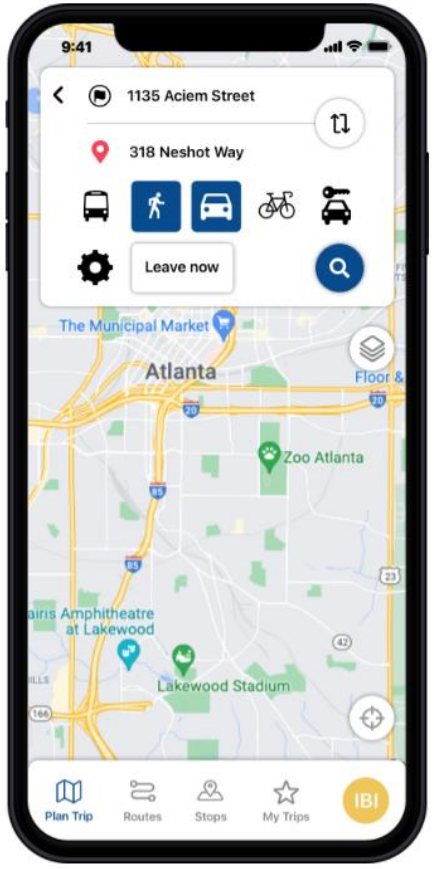
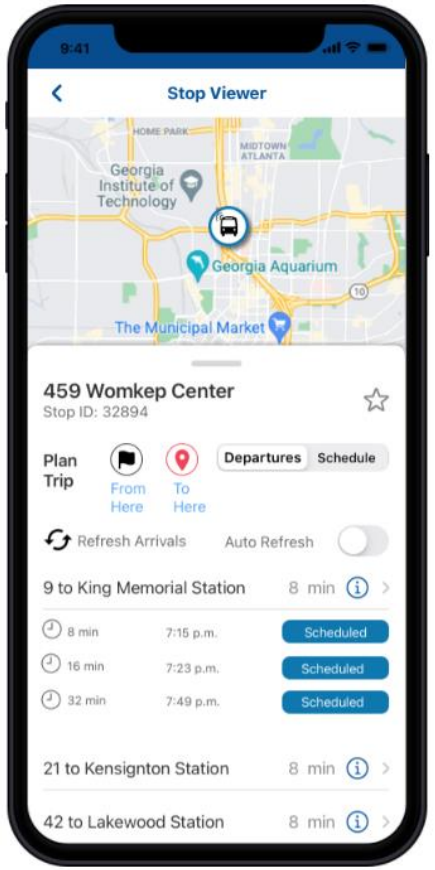
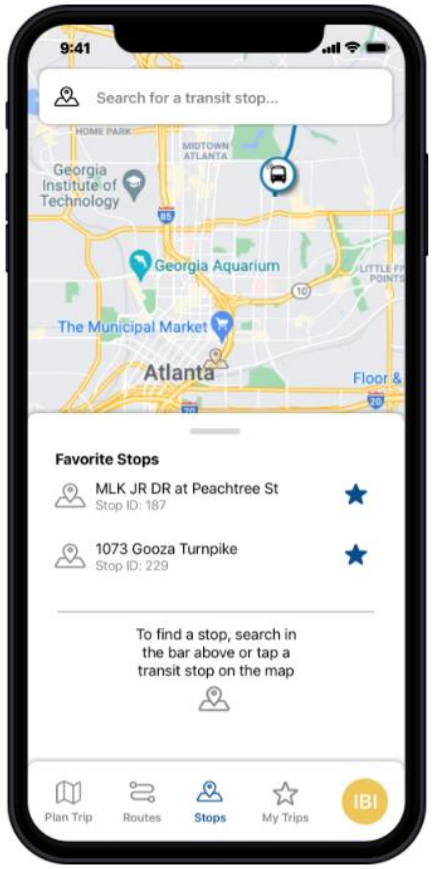


Modernized

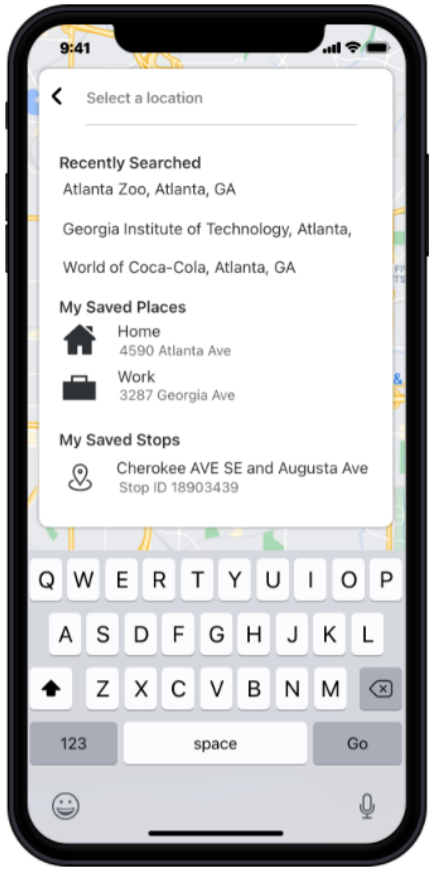
UI Modernization



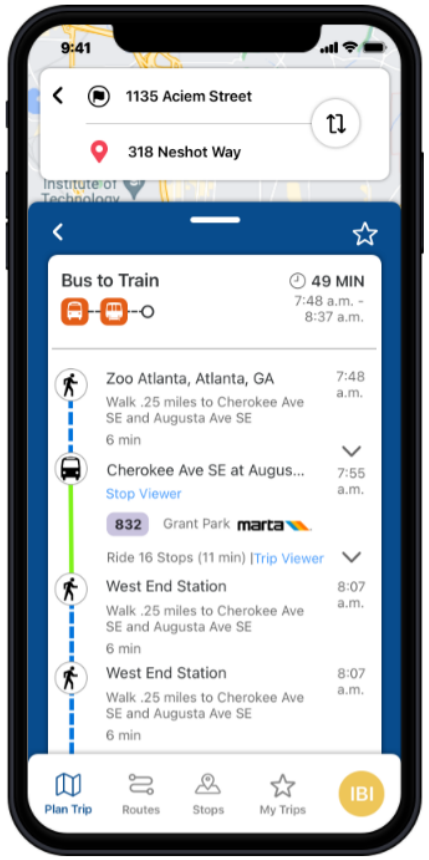
Stop Viewer



Favorite Stops



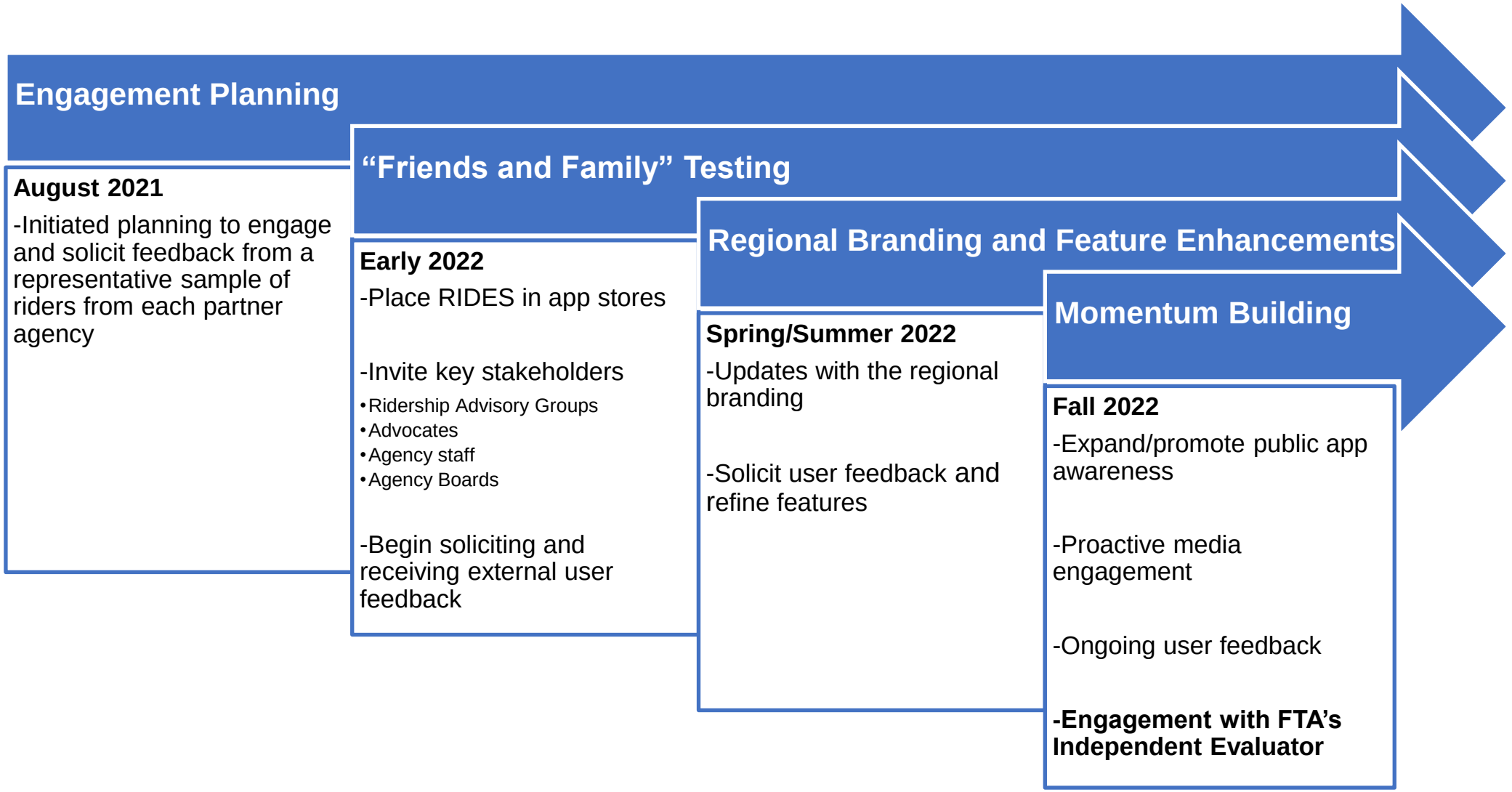
Destination Selection



Trip Plan

PUBLIC ENGAGEMENT

Engagement Planning Framework



Schedule and Next Steps

Updated Project Schedule

December

- Web App update – Accessibility, bug fixes and refinements
- Release Connected Data Platform
- Mobile App Development – UI modernization, Stop Viewer, Route Viewer Enhancements, etc.
- GTFS Flex – Backend UI development and testing

Early January

- Web App Development - UI refresh, dynamic rerouting and live updates (pending realtime feed availability)
- Mobile App Update – Final Beta release for partner testing

Late January

- Full end to end project partner testing
- Make app publicly available in the app stores
- GTFS Flex – Backend training with partners, Routing engine and web app development and testing

February → April

- Initiate public engagement activities
- GTFS Flex – Mobile app update development and testing

Questions?

Executive Director’s Report

BIPARTISAN INFRASTRUCTURE LAW (IIJA): TRANSIT ELEMENTS

- About $1.4B-$1.5B for Transit in Georgia over next 5 years, including $924M for Atlanta Region
- Total Transit $ increase = 63% over current levels
- Includes $8B in appropriations for CIG (main transit expansion) program, double current level
- Increases Small Starts threshold from $300M to $400M
- Focus on zero-emission bus funding
- Many discretionary grants to be awarded by USDOT
- 561% increase in funding for passenger/freight rail

ARTP OUTREACH: STATE LEVEL ENGAGEMENT

- *8 meetings with state leadership to discuss 2022 ARTP process:*
  - Lt. Governor Geoff Duncan
  - Sens. Frank Ginn and Gloria Butler
  - Reps. Jan Jones, Rick Jasperse, and Mary Margaret Oliver
  - GDOT Commissioner Russell McMurry
  - Georgia Dept. of Economic Development Staff

- *Key Takeaways from these meetings:*
  - Engagement with ATL Priority Investment List
  - Importance of transit to economic development discussions
  - Technology initiatives and new transit modes are of interest
  - Airport access via transit is critical

New Business

ADJOURN