

COMMUTER CONNECTIONS

ITEM #5

CARPOOLNOW, FLEXTIME REWARDS & INCENTRIP

NEW DYNAMIC MOBILITY OPTIONS FOR COMMUTERS IN THE WASHINGTON DC REGION

Transportation Planning Board Technical Committee
September 7, 2018
Nicholas Ramfos
Transportation Operations Programs Director

COMMUTER CONNECTIONS[®]
A SMARTER WAY TO WORK

Background

- Commuter Connections began exploring new tools to supplement existing carpools/vanpools and promote the creation of new pools for the Washington D.C. metropolitan region in 2013-2016
- CarpoolNow – a real-time, dynamic, mobile based matching application aimed at the gig generation which also includes an incentive program for drivers initially available for any trip that touches Howard County, MD in FY2018
- Flextime Rewards – an incentive program benefit to commuters who are able and willing to commute during off-peak hours to avoid congestion along major corridors in the region, specifically, during a major incident or significantly higher-than-average traffic volume days. Pilot program is based on a White Paper written and released July 2017.
- incentTrip – a multi-modal dynamic trip planner and incentive application developed by the University of Maryland through a US Department of Energy ARPA-E grant.

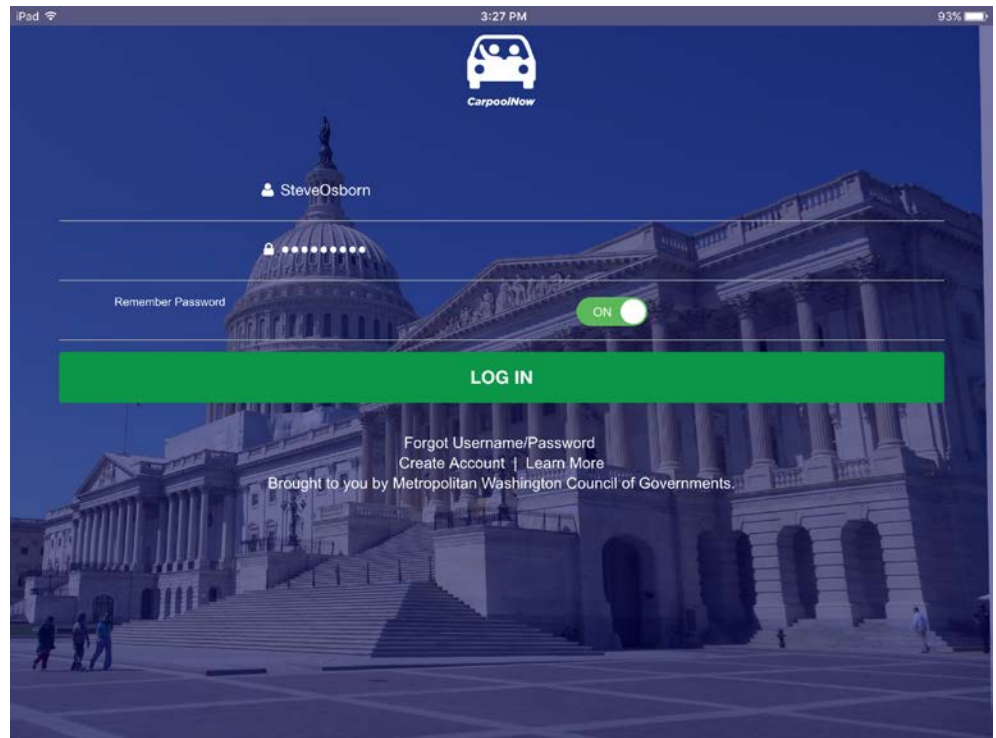


LOGGING IN



Each user is greeted with a login screen upon launching the app for the first time

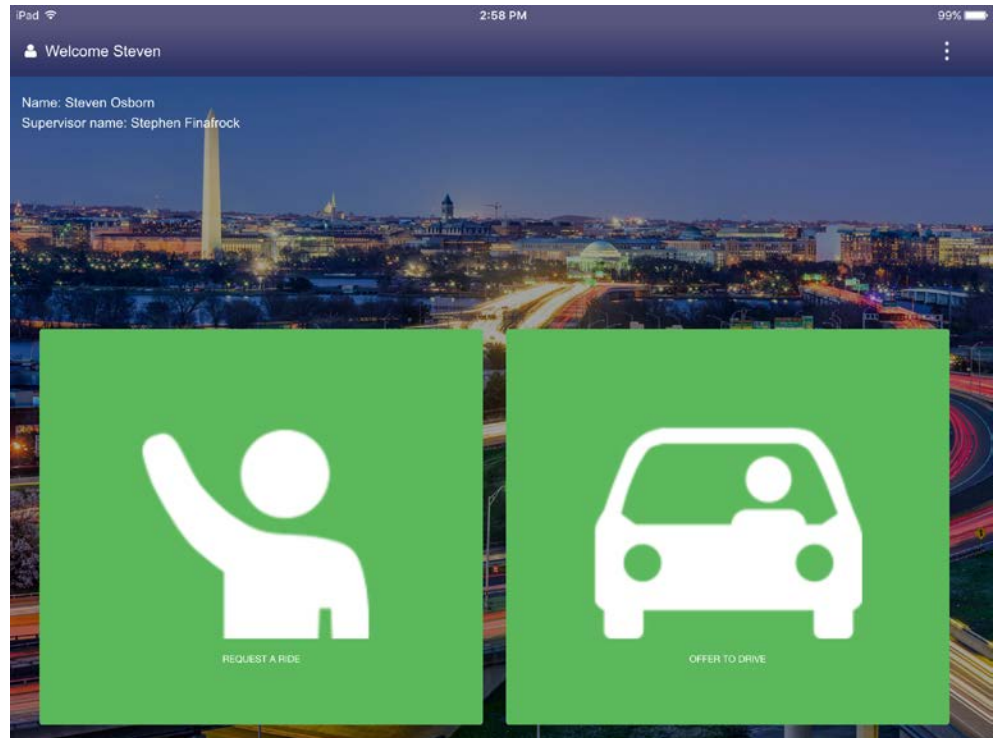
Members login using their existing Commuter Connections credentials **or** create a new account



REQUEST A RIDE OR OFFER TO DRIVE?

Upon logging in, users have to choose between two options: Requesting a Ride or Offering to Drive

Simple, modern design and oversized icons limit user error

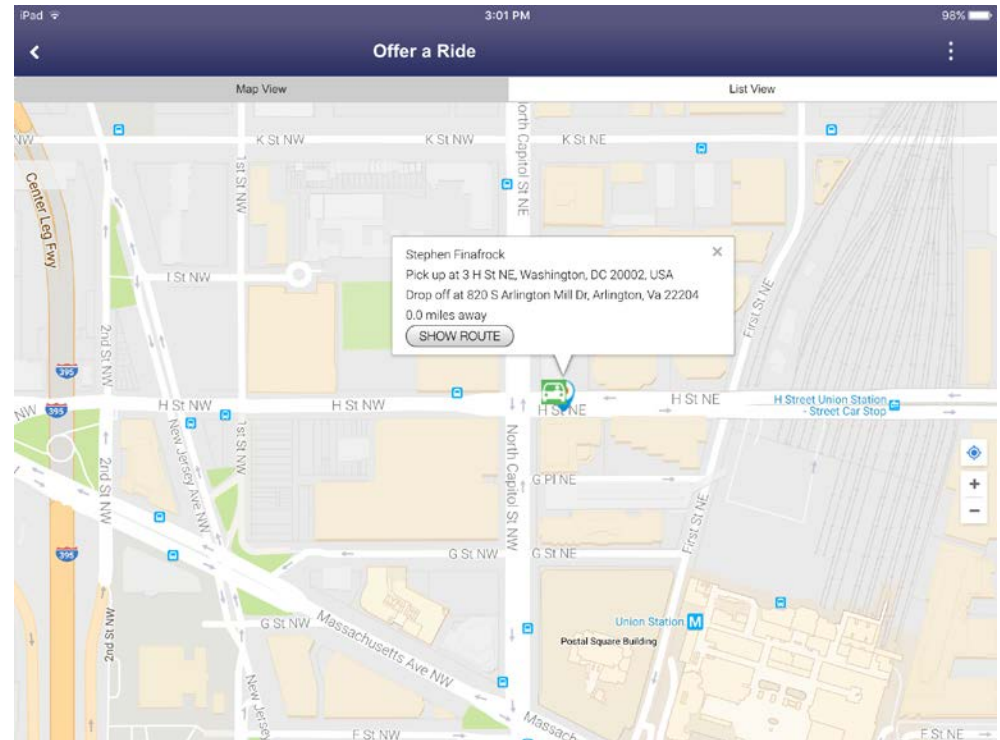


OFFERING A RIDE

The App defaults as a map view

Any other users logged in requesting a ride will appear at their current location

You can tap the icon to display that individuals information and show a suggested route to their destination



OFFERING A RIDE – DRIVER INCENTIVE

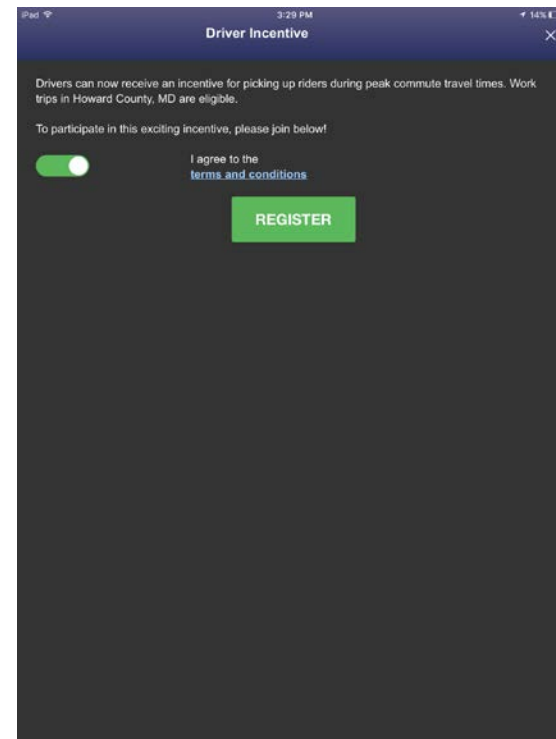
During FY2018, any trips touching Howard County, MD, allowed for driver's to receive up to \$10.00/trip as part of a pilot program with a \$600 cap.

Drivers must agree to the participation guidelines in order to receive the incentive

Qualifying trips must take place during periods of peak congestion; M-F, 6 am – 9 am and 4:30 pm – 7:30 pm

Trips are validated using GIS capabilities in the driver's mobile device

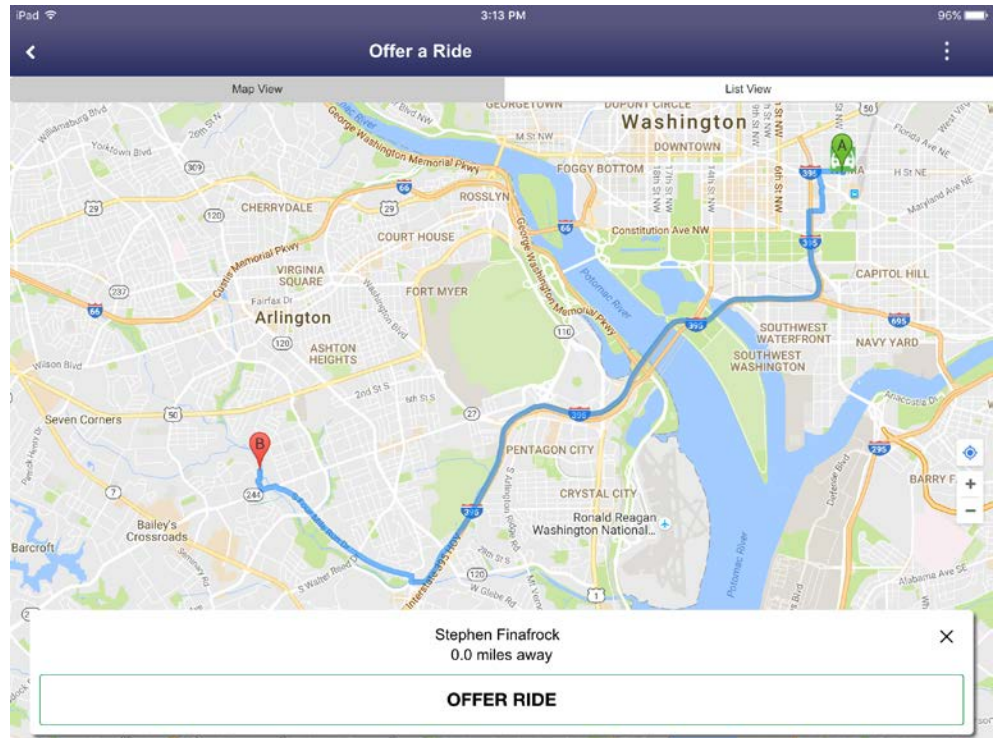
The pilot will be expanded to the Washington DC metropolitan region.



SHOWING THE USERS SUGGESTED ROUTE

Tapping “Show Route” will display the suggested route and give you the option to offer the ride!

Users will also have the option to select a list view of all commuters requesting a ride

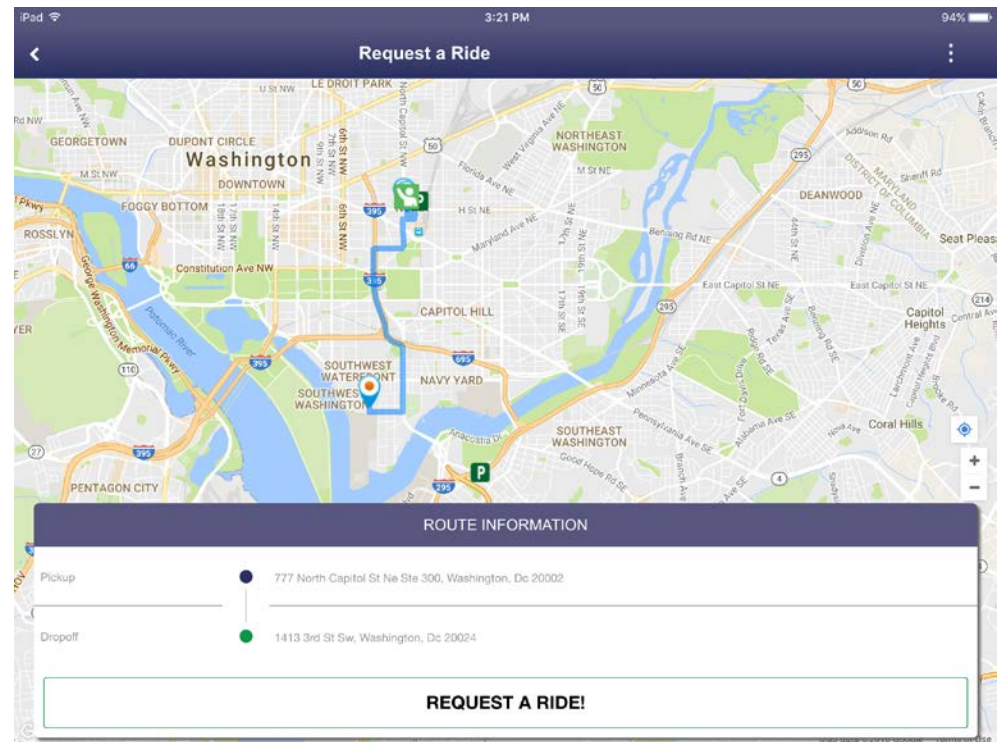


REQUESTING A RIDE

The app detects your current location

Riders will need to input a drop off location. This is done by tapping the “Dropoff” section at the bottom of the UI

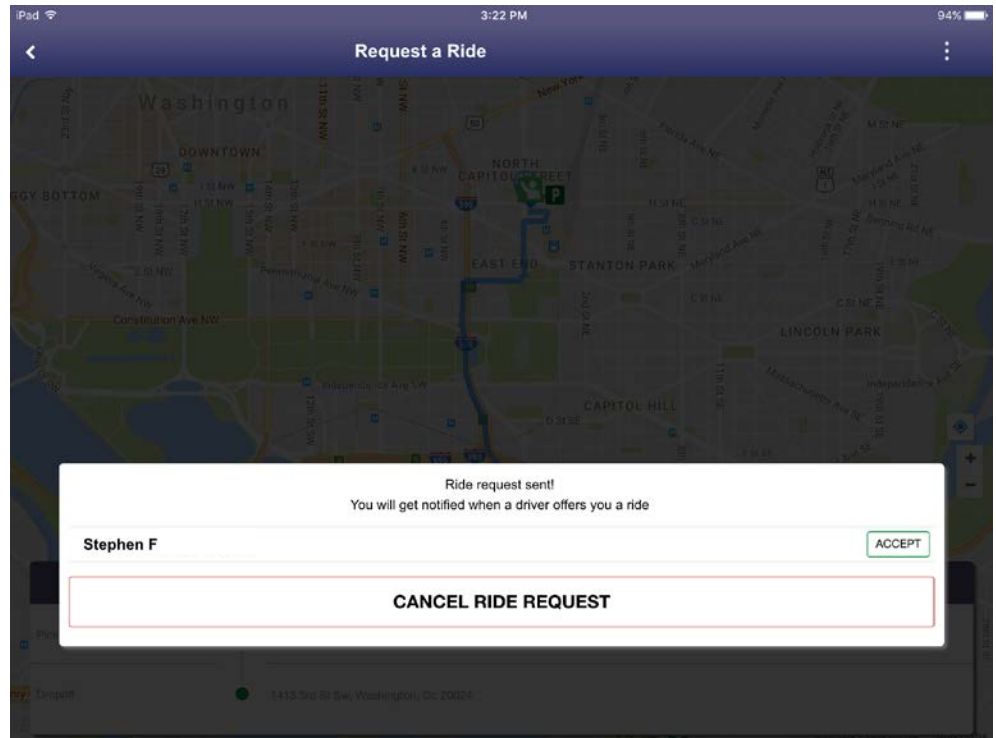
Also have the option to select the home address listed in their profile or select the “Pick from Map” option



REQUEST ACKNOWLEDGMENT

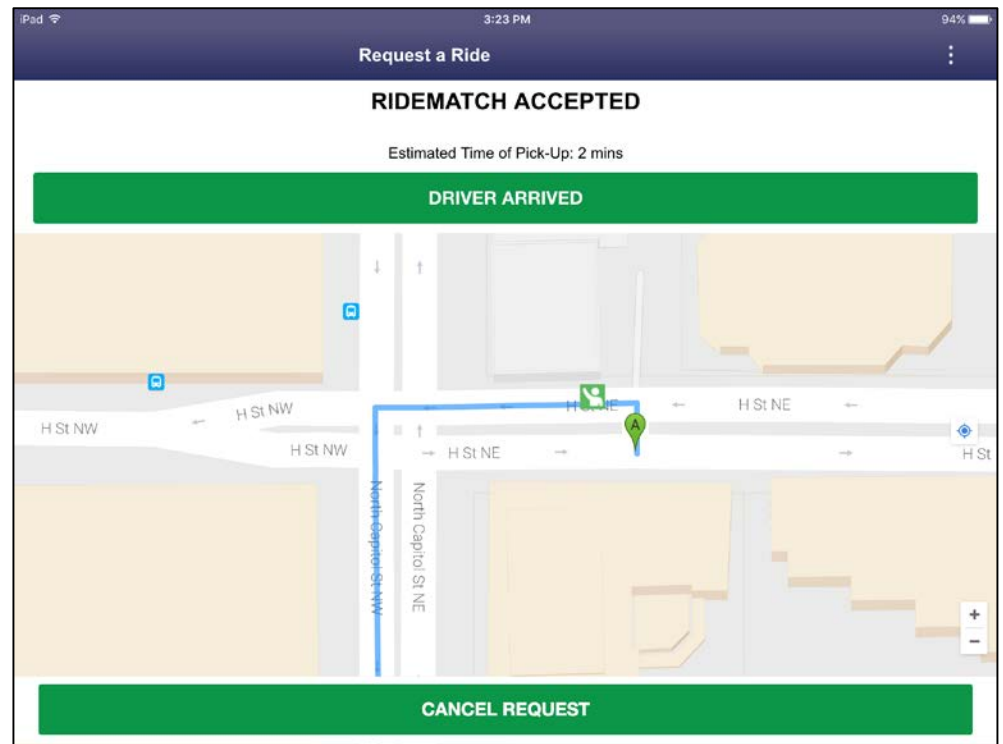
If the ride request is acknowledged by a driver, the user will receive a notification and will need to accept the ride

Accepting the ride will give an estimated pick up time and let the rider know when the driver has arrived



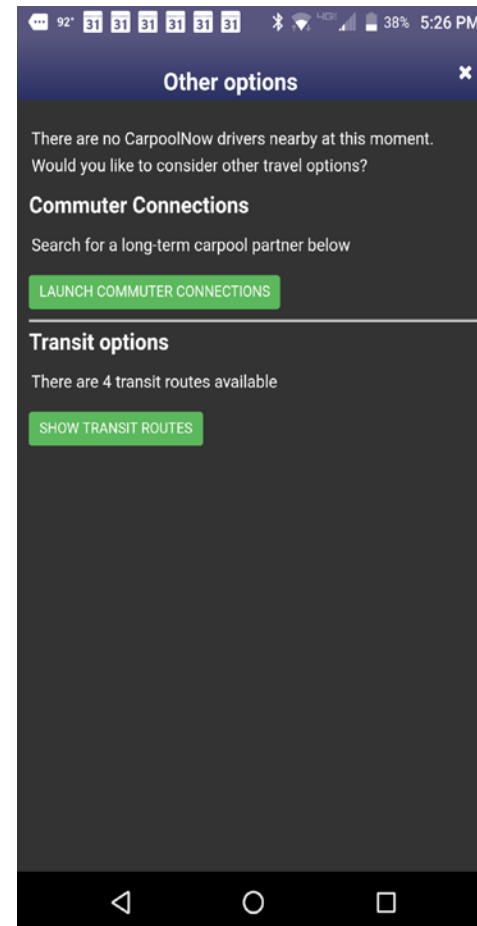
YOUR DRIVER HAS ARRIVED

Once the driver has arrived, you will be notified of the ridematch success and will be prompted to logout of your account



OTHER MPOBILITY OPTIONS

If a driver is not found within a few minutes, a screen will pop-up showing the rider other options to get to their location such as transit and long-term carpooling.



Flextime Rewards

The screenshot shows the Commuter Connections website. At the top, the logo "COMMUTER CONNECTIONS" is displayed in white on a dark blue background. To the right of the logo is a "Select Language" dropdown menu. Below the logo is a navigation bar with links: HOME, ABOUT US, COMMUTERS, EMPLOYERS, NEWS & EVENTS, QUICK LINKS, and RESOURCES. The main content area is titled "Flextime Rewards Program" and features a large graphic with the text "FLEXTIME REWARDS PROGRAM". The graphic has "FLEXTIME" in blue and "REWARDS PROGRAM" in white on a dark blue background. Below the graphic, there are three paragraphs of text. The first paragraph states that the program is available to commuters who can avoid congestion by commuting during off-peak hours. The second paragraph explains that flextime programs allow employees to adjust their arrival and departure times to reduce congestion. The third paragraph mentions that eligible commuters will receive notification of higher-than-average traffic congestion and a chance to win a cash prize. On the right side of the page, there is a "Commuters" section with a list of options: Guaranteed Ride Home, Ridesharing, Transit, Teleworking, Bicycling, Walking, and FAQ. A bullet point highlights the "Flextime Rewards Program" with a link to "Flextime Rewards Program Requirements".

COMMUTER CONNECTIONS®

Select Language ▾

HOME | ABOUT US » | **COMMUTERS »** | EMPLOYERS » | NEWS & EVENTS » | QUICK LINKS » | RESOURCES »

Flextime Rewards Program



The Commuter Connections Flextime Rewards program is available to commuters who are able and willing to commute during off-peak hours to avoid congestion along selected major corridors in the region.

Flextime programs allow employees at companies offering this option to adjust their arrival and departure times which is a proven way to reduce congestion at peak travel times. Employees can choose to work during their most productive hours.

Eligible commuters that register for the Flextime Rewards Program will receive notification of higher-than-average traffic congestion along the corridor on which they travel for work. Delaying your trip will enter you into a monthly prize drawing for a chance to win a cash prize from Commuter Connections!

Those with an existing Commuter Connections account can simply opt into the program by logging into their account and selecting the Flextime Rewards option on the right-hand side of the page.

Commuters

- Guaranteed Ride Home
- Ridesharing
- Transit
- Teleworking
- Bicycling
- Walking
- FAQ
- **Flextime Rewards Program**
 - Flextime Rewards Program Requirements



FLEXTIME REWARDS

Participants delay their trip to/from work during peak times should incidents service/speed rates change

Participants receive real-time traffic alerts (email, SMS, & push notifications in the event of a change)

Corridors include I-270 spur (IL), I-495 b/w I-95 and MD-193 (OL), I-66 EB @ VA-267, DC-295 SB @ Benning Road



HOME | EDIT PROFILE» | FIND RIDEMATCHES» | COMMUTE LOG» | LOGOUT

WELCOME TO COMMUTER CONNECTIONS

WELCOME NICHOLAS RAMFOS

Commuter Connections is a regional network of transportation organizations coordinated by the Metropolitan Washington Council of Governments. If you live or work in the Metropolitan Washington D.C. area, Commuter Connections can provide you with information on all your commute options, so you can make a smart choice about how you travel to work. With just a few clicks you will get the information you need for your daily commute to and from work. Whether it's carpools, vanpools, transit, biking, walking, or telecommuting, getting this information on-line or through our mobile app has never been easier!





'Pool Rewards


Start a new carpool or vanpool today and begin collecting your rewards!


JOIN TODAY

 Find Ridematches

 Guaranteed Ride Home

 Pool Rewards

 Flextime Rewards

 Special Events

 Cost of Commuting Calculator

Your 2016 Commute Logs

[Edit Commute Log](#)



FLEXTIME REWARDS



[HOME](#) | [EDIT PROFILE»](#) | [FIND RIDEMATCHES»](#) | [COMMUTE LOG»](#) | [LOGOUT](#)

FLEXTIME REWARDS - DASHBOARD

WELCOME NICHOLAS RAMFOS

Welcome to your Flextime Rewards account!

Street Address: 21250 OLIVE GREEN CT
City, State, Zip: ASHBURN VA 20147
[Change Home Address >>](#)

Employer Name: MWCOG
Street Address: 777 NORTH CAPITOL ST NE STE 300
City, State, Zip: WASHINGTON DC 20002
[Change Work Address >>](#)

Standard Departure Time (home-to-work): * 7 : 30 AM ▾

Standard Departure Time (work-to-home): * 6 : 00 PM ▾

Flex Before Start Time: * 15 ▾ Minutes

Flex After Start Time: * 45 ▾ Minutes

Flex Before End Time: * 15 ▾ Minutes

Flex After End Time: * 60 ▾ Minutes

Work Days: * Sun Mon Tue Wed Thu Fri Sat

Opt out of receiving notification emails: Receive notification emails

* Required Fields

[Submit Form](#)



[Find Ridematches](#)



[Guaranteed Ride Home](#)



[Pool Rewards](#)



[Flextime Rewards](#)



[Special Events](#)



[Cost of Commuting Calculator](#)

FLEXTIME REWARDS



[HOME](#) | [EDIT PROFILE»](#) | [FIND RIDEMATCHES»](#) | [COMMUTE LOG»](#) | [LOGOUT](#)

FLEXTIME REWARDS - DASHBOARD

WELCOME NICHOLAS RAMFOS

Welcome to your Flextime Rewards account!

Street Address: 21250 OLIVE GREEN CT
City, State, Zip: ASHBURN VA 20147
[Change Home Address >>](#)

Employer Name: MWCOG
Street Address: 777 NORTH CAPITOL ST NE STE 300
City, State, Zip: WASHINGTON DC 20002
[Change Work Address >>](#)

Standard Departure Time (home-to-work): * 7 : 30 AM ▾

Standard Departure Time (work-to-home): * 6 : 00 PM ▾

Flex Before Start Time: * 15 ▾ Minutes

Flex After Start Time: * 45 ▾ Minutes

Flex Before End Time: * 15 ▾ Minutes

Flex After End Time: * 60 ▾ Minutes

Work Days: * Sun Mon Tue Wed Thu Fri Sat

Opt out of receiving notification emails: Receive notification emails

* Required Fields

[Submit Form](#)



[Find Ridematches](#)



[Guaranteed Ride Home](#)



[Pool Rewards](#)



[Flextime Rewards](#)



[Special Events](#)



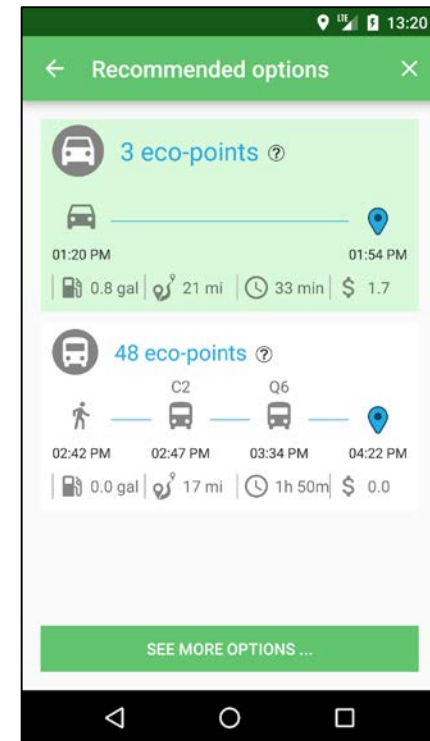
[Cost of Commuting Calculator](#)

incentTrip – UMD & US DOE

Commuter Connections will be able to offer a Multi-modal trip planner that uses real-time travel data to suggest the best mode for commuters to use

Incorporates transit, carpool/vanpool, TNCs, bike, and walk modes with real-time data and re-routes trip as needed, depending on trip conditions

Allows users to track their eco-score and earn points for their trip, grade their fuel efficiency, and receive additional third-party supplied incentives (if available)





Email or username

Password

Remember me?

Sign In

Forgot Password?

Sign Up

**Sign in with Commuter
Connections**

Navigating the user interface

Users can create an account from scratch, sign in using their Commuter Connections credentials or recover their password upon launching the app.

☰ ☑ ⚠ 📱 ↻ 📧

📍 🔗 LTE 📶 🔋 9:59

← Create an incenTrip Account

incenTrip will retrieve the following information from Commuter Connections to create your account.

First and Last Name
It's required for creating an account.

Email Address
It's required for creating an account.

Home and Work Location
Reserve trips quickly with these locations setup.

Commute Logs
Share it to earn incentives by taking ride sharing trips.

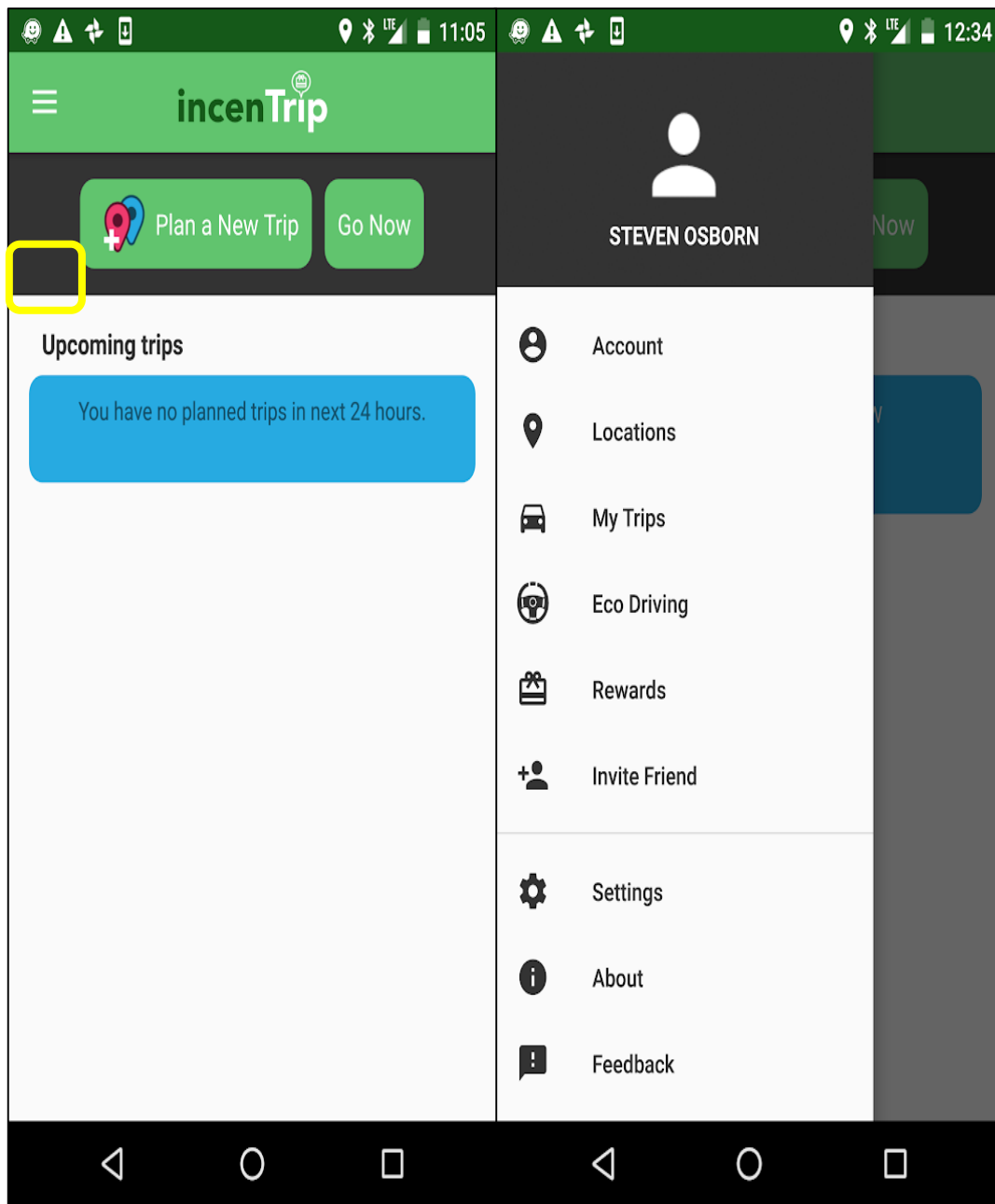
CANCEL **SUBMIT**

By creating an account, you agree to Commuter Connections **Privacy Policy** incenTrip**Terms of Use** and **Privacy Policy**

◀ ○ ◻

Signing in with Commuter Connections

- Enter your Commuter Connections username and password
- Select the data you want to import



- **Account:** Review your account and demographic information
- **Locations:** Review your home and work locations and add “Favorite Locations”
- **My Trips:** Review any scheduled trips you have planned and any past trips taken, including Eco Points awarded
- **Eco Driving:** View your grade and suggestions for improvements
- **Rewards:** View a list of potential awards
- **Settings:** Select your preferred travel mode, Uber account and personal vehicle information



Multimodal Travel

We let you see and pick from all available multimodal travel options including transit, ridesharing, bikesharing and more.

Based on a user's origin, destination, arrival or departure time, incenTrip can suggest multiple travel options.

Choose an option by mode

- Walk&Bike
- Transit**
- Multimodal
- Rideshare
- Drive

31 points [?] Today

D6 74

05:00 PM 05:06 PM 05:14 PM 05:40 PM

0.03 gal 3.5 mi 40 min

30 points [?] Today

Red Green

05:02 PM 05:09 PM 05:13 PM 05:37 PM

0.02 gal 3.2 mi 34 min

31 points [?] Today

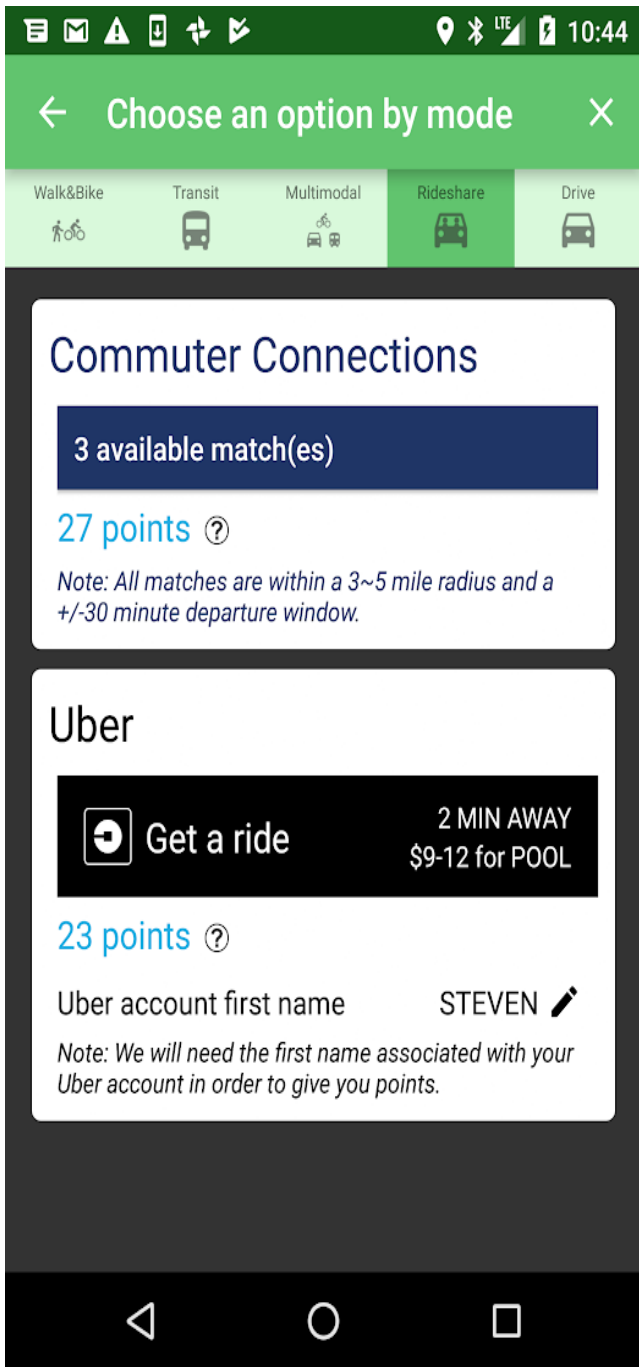
74

05:00 PM 05:17 PM 05:35 PM 05:40 PM

0.02 gal 3.4 mi 39 min

Pick an option that suits you

- Users have can choose from the following options:
 - Walk & Bike
 - Transit
 - Multimodal
 - Rideshare – Using Commuter Connections
 - Drive



Finding a Ridematch through

- When selecting the “Go Now” option for trip planning, the rideshare mode is linked to Commuter Connections
- A preview of how many matches you have is available
- Selecting it will launch the Commuter Connections app so you can run a matchlist
- Your carpool partner must have the incenTrip app to receive points



Bluetooth, LTE, signal strength, battery, and time 10:17

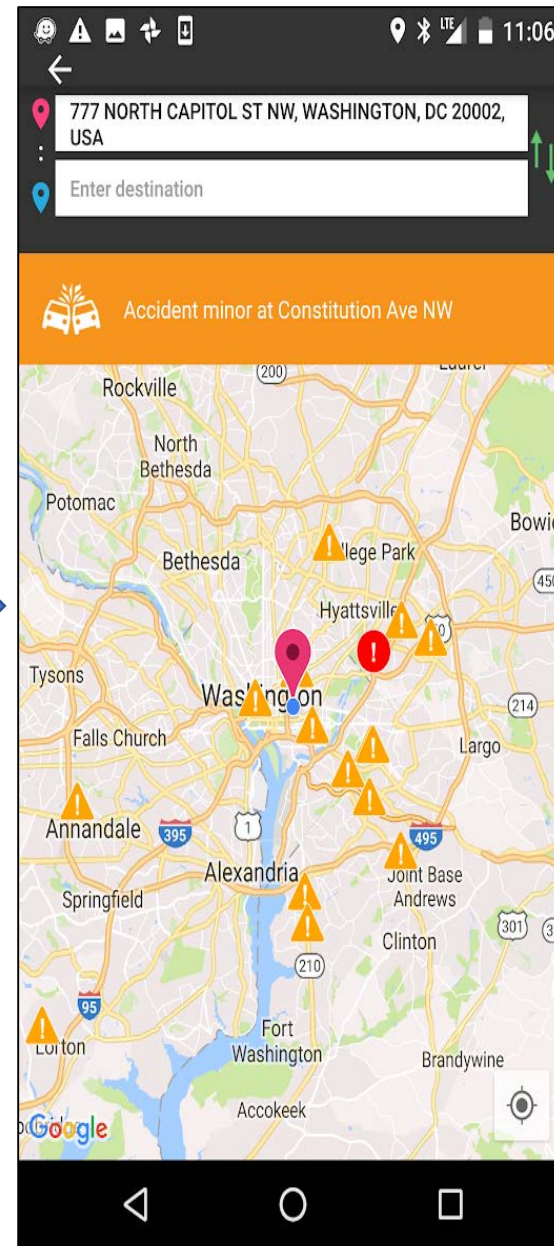
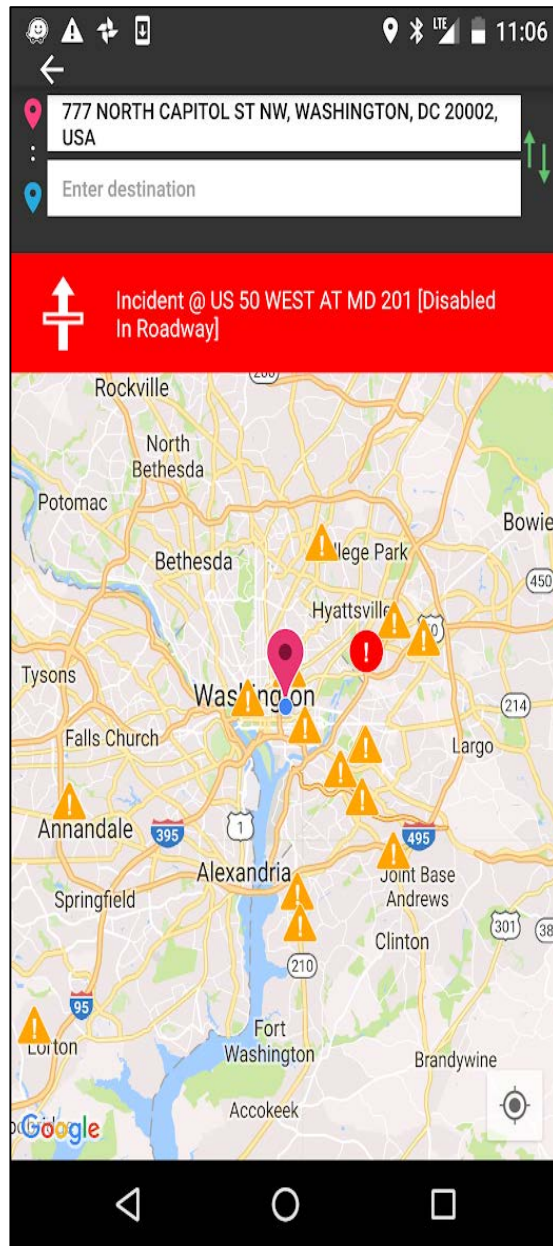
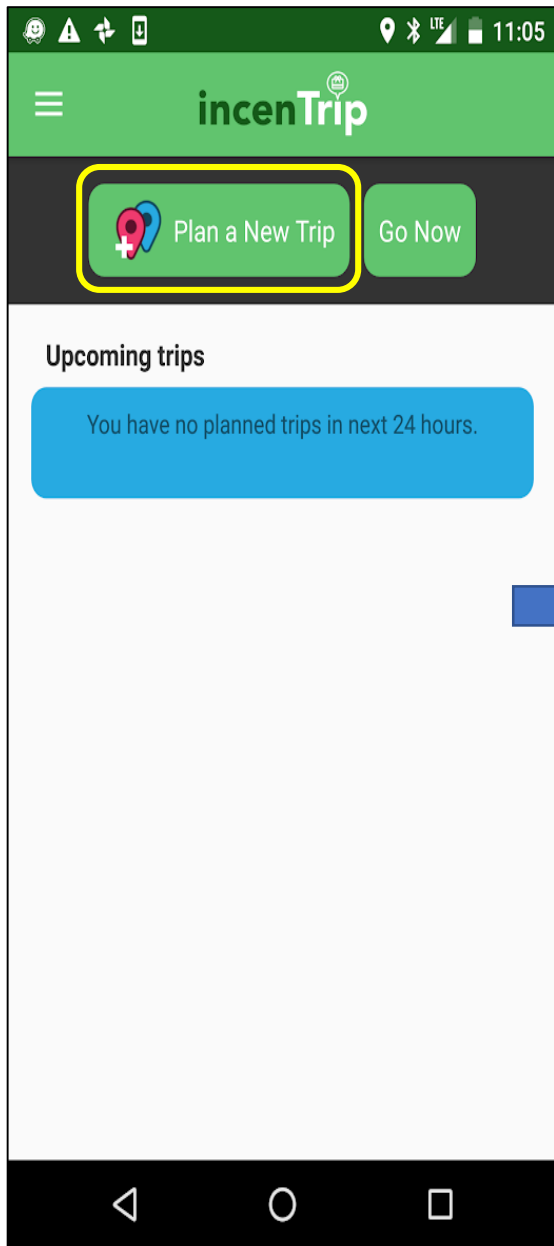


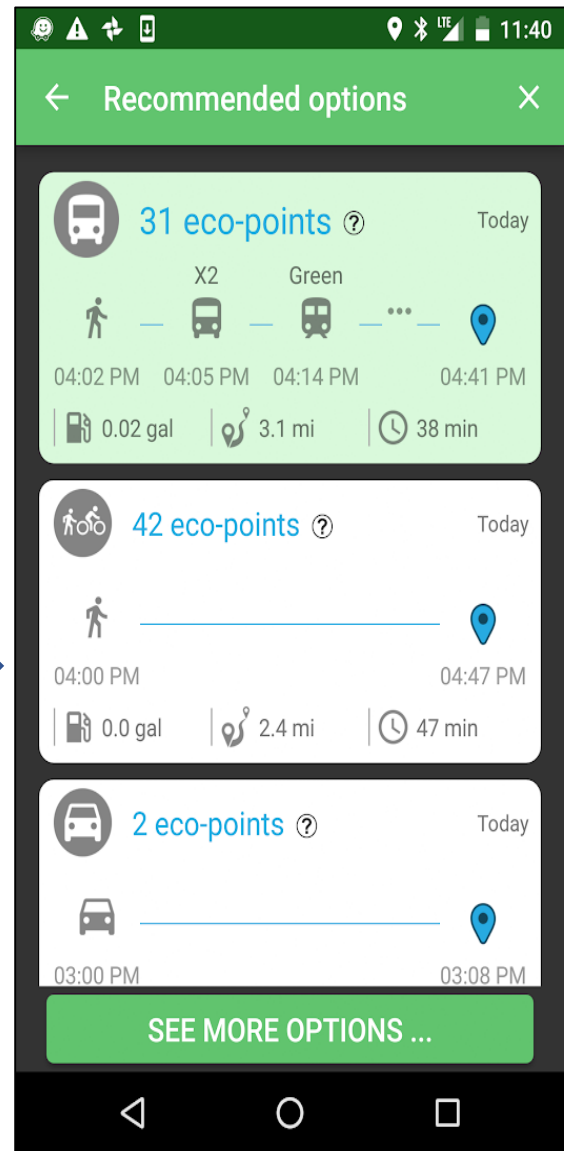
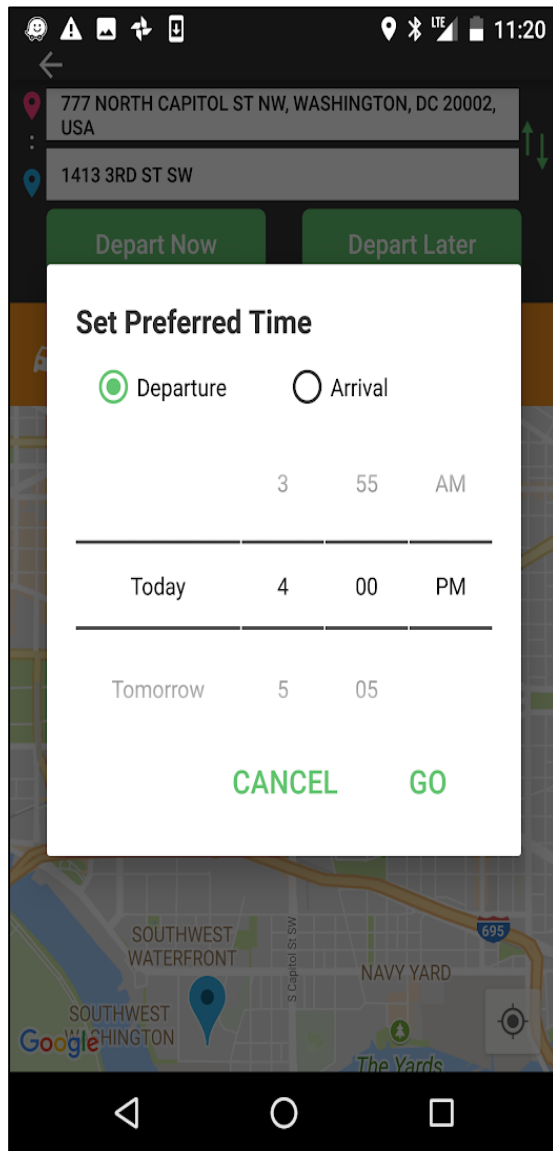
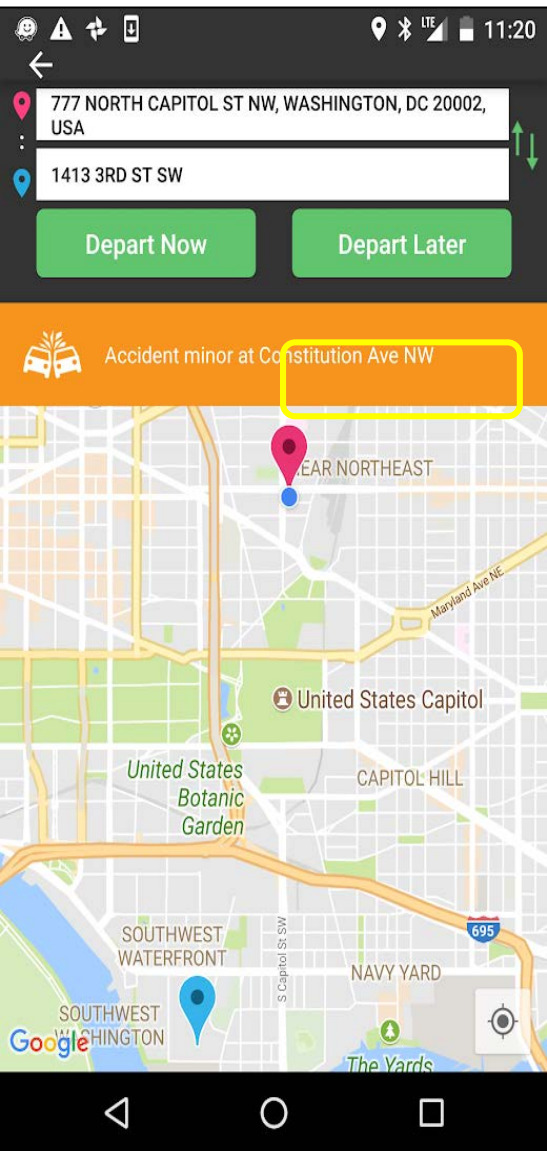
Trip Planning

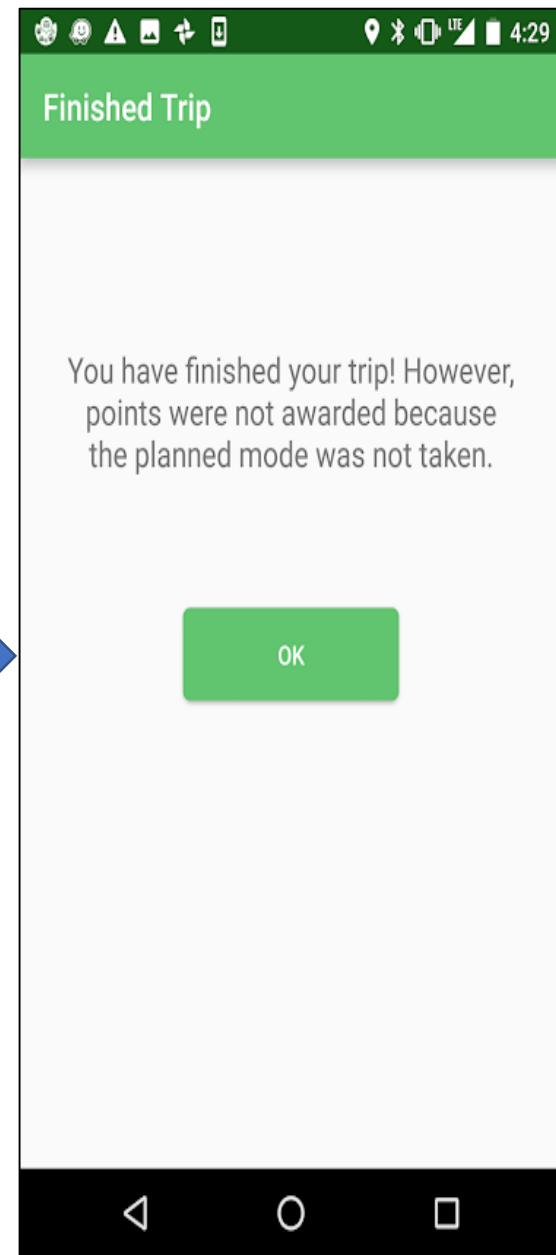
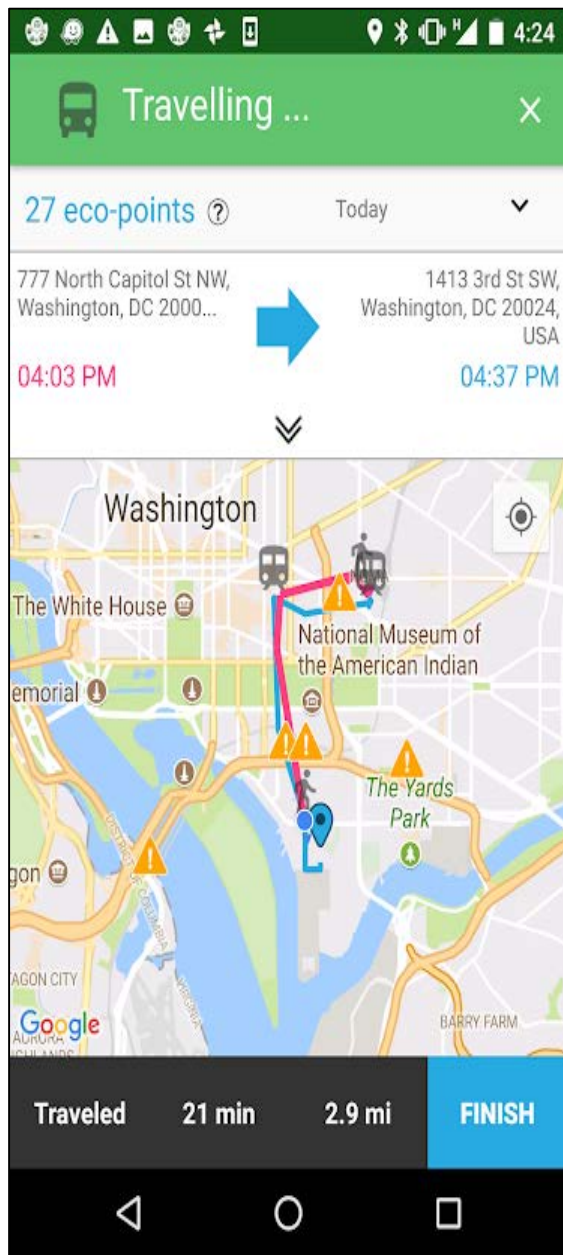
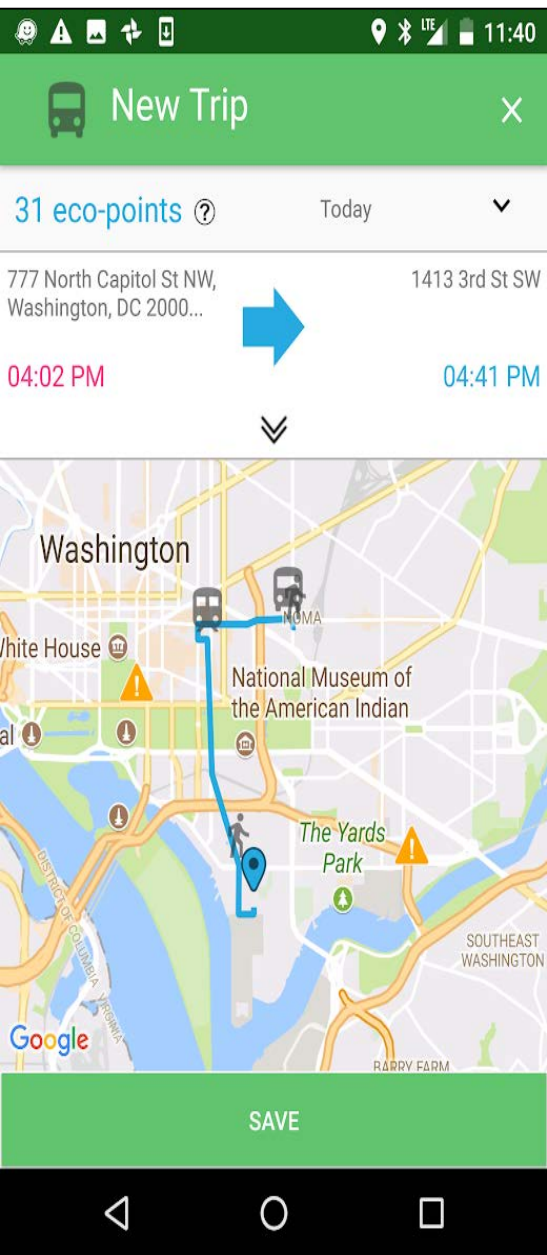
Based on real-time accident information and travel time updates, Incentrip will help you pick the best departure times, routes and travel modes for your trips.

Trip planning

Plan a trip on the fly, or for the future. All while using real-time traffic data to help you make an informed decision.









Eco-Driving

IncenTrip provides driving behavior analysis and suggestions that will help you save hundreds of dollars in fuel costs each year.

Eco Driving allows users to earn additional points by driving efficiently

Eco Driving

- ✓ Driving Behavior Analysis
- ✓ Driving Recommendations
- ✓ Fuel Efficiency Comparison
- ✓ Fuel Efficiency Calculation
- ✓ Improvement Suggestions
- ✓ Fuel Saving Prediction

Fuel Efficiency Score 61.2 ×

Last updated - 02/17/2017

Grade

D

86%

Need more points? Just keep moving!

- * Stay at grade D: +100 points
- * Reach grade C: +200 points
- * Reach grade B: +300 points
- * Reach grade A: +500 points

GRADE
SUGGESTION
EFFICIENCY

Fuel Efficiency Score 61.2 ×

Last updated - 02/17/2017

Driving Suggestions

Speed

Your top speed was 81 mph. If you had limited to 55 mph your top speed you would have saved 16.1% of fuel

Braking

Always appealing to the foot brake is a waste of energy, so to reduce it should better anticipate traffic situations. Try taking off the throttle early and brake with the engine.

Acceleration

Aggressive acceleration when exiting a roundabout or traffic light will always cause excessive consumption. Less obvious but equally or more harmful for consumption are the accelerations in a situation of high speed, for example when re-entering a freeway.

GRADE
SUGGESTION
EFFICIENCY

Fuel Efficiency Score 61.2 ×

Last updated - 02/17/2017

Fuel Efficiency

You can save gas money by taking your driving efficiency to the next grades.

- * Reach grade B: \$100/year *
- * Reach grade A: \$260/year *

Driver Type	Efficiency (%)
Most Efficient Driver	100%
Average Driver	78%
You	65%

GRADE
SUGGESTION
EFFICIENCY



Rewards

You will earn reward points for trips you plan with IncenTrip. These points can be exchanged for cash, gift cards, and more!

Points accumulated through trip planning can be redeemed for various prizes.

Short Term Goals

- *Monitor and examine use of CarpoolNow Driver incentive during FY 2018 and into this fiscal year to determine program effectiveness (transportation and emission impacts leading to improved mobility and less fuel consumption)*
- *Monitor and examine opt-in use of the Flextime Rewards Program to determine program effectiveness (transportation and emission impacts leading to improved mobility and less fuel consumption).*
- *Introduced incenTrip to Commuter Connections network members (May 2018) and monitor use during the beginning of this fiscal year. Will monitor feedback and make necessary changes and roll out program to Commuter Connections Account holders in the fall.*



Long Term Goals

- *Plans to expand CarpoolNow Driver Incentive to the rest of the region during FY 2019. Incentive funds will be about \$42K*
- *Expand the Flextime Rewards Program to include cash incentives along the 4 selected bottlenecked corridors during FY 2019. Incentive funds will be approximately \$70K*
- *Secure funding for use of incenTrip mobile app depending on evaluation results and roll out in the fall.*



Nicholas Ramfos

Director, Transportation Operations Programs

(202)962-3313

nramfos@mwcog.org

mwcog.org/TPB

Metropolitan Washington Council of Governments
777 North Capitol Street NE, Suite 300
Washington, DC 20002



National Capital Region
Transportation Planning Board

COMMUTER CONNECTIONS
A SMARTER WAY TO WORK