Technology Update for the Ridematching Committee Washington D.C., 12/19/2017 Item #4





Integrated, Personalized, Real-time Traveler Information and Incentive Technology for Optimizing Energy Efficiency in Multimodal **Transportation Systems**

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Committee Comments and Suggestions



- Integration with CarpoolNow, Uber Pool, Uber Commute and other ridesharing/ride-hailing service providers
- Integration with emerging modes and mobility services such as dockless bike sharing
- Ability to incentivize drivers to form carpools for complimentary use of Express Lanes
- Ability to implement incentives for HOT lanes
- Additional incentives for carpool and then P&R
- Privacy and personal information



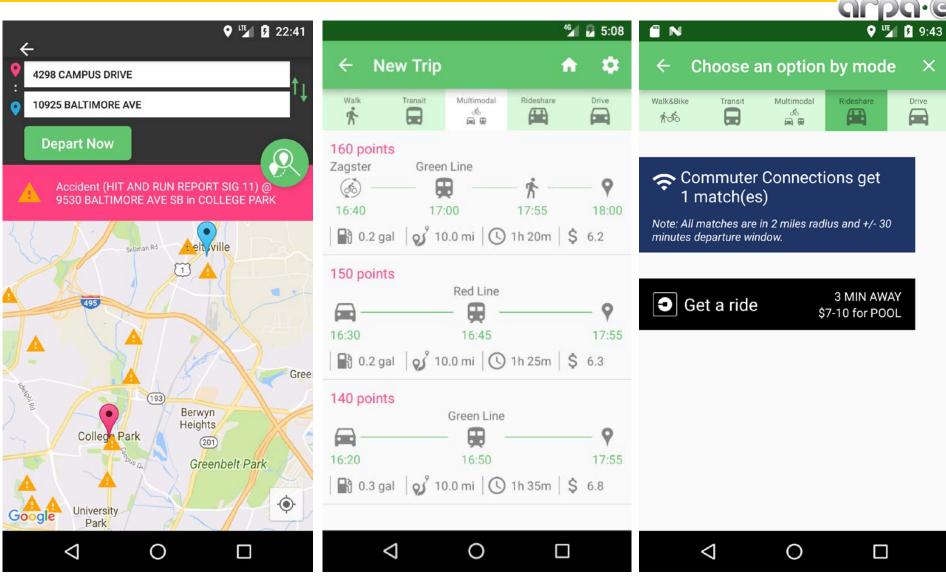
incenTrip Updates in response to Comments



- Integration with CC carpool & Uber Pool is done. Integration with other ridesharing, dockless bikes, and ride-hailing services is also feasible.
- Incentivizes can be implemented in incenTrip to encourage carpool for Express/HOT Lanes.
- Carpool+P&R will be displayed as an option in addition to carpool all the way or SOV+P&R.
- Users who refuse to provide certain personal information can still join incenTrip.



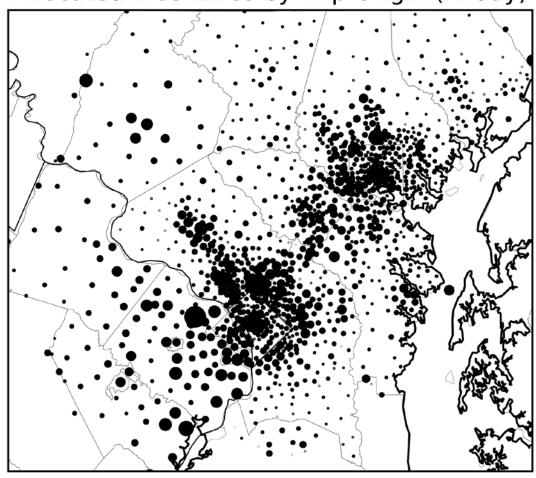
incenTrip Technology Live Demo



Spatial Distribution of Incentives

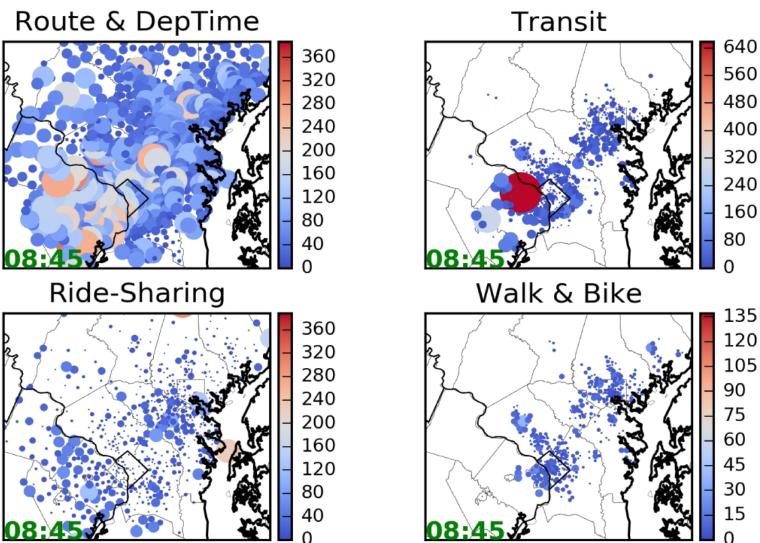


Allocated Incentives by Trip Origin (Friday)



incenTrip Technology Impact by Time of Day





incenTrip Technology Deployment Timeline



Washington D.C.-Baltimore Region

- Ongoing Flextime development and deployment support
- Open house event & incenTrip press release in Feb. 2018
- Agency and partner tests of incenTrip and technology customization upon requests (Spring 2018)
- Collaborative deployment of incenTrip with interested agnency partners staring in Summer 2018

Scaling Up and Deployment Elsewhere

Collaboration with other interested agencies and private sector 2019~2010

