




**Automated
Enforcement of Bus
Lanes and Bus
Zones
Research Project**




April 24, 2018


Overview

- DDOT has contracted with Howard University to perform research on bus lane and zone automated enforcement
 - Kevin Heaslip (independent contractor / professor at Virginia Tech) is leading the study
 - 6 month timeline
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Context: Bus Lanes

- Bus lanes are envisioned to be in the curb lane and will allow right turns.
 - Bus lanes may only be in operation during specific periods and/or direction, depending on the segment.
 - Small segments of bus lanes exist on some North/South streets, but are not well-obeyed by personal vehicles – leading to only minimal improvements in bus travel times.
 - Contraflow bus lanes on H Street NW (under development) will require enforcement to ensure everyone's safety.
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Context: Bus Zones

- No Parking is relatively well enforced, but it is difficult to enforce stopping/standing in the bus zone that prevents the vehicles from safely pulling to the curb.
 - Vehicles interfering with a bus serving the stop can slow the route down and lengthen travel times.
 - Bus stops are occasionally in “pull offs” which can be extra problematic if vehicles are stopped in the bus area.
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Scope

Scope is being finalized in the next 1-2 weeks.


- Task 1: Automated Enforcement Authority Report
- Task 2: Market Research Report

What is needed to implement?


What has already been done by MWCOCG?



Scope

- Task 1: Automated Enforcement Authority Report
 - Enforcement authority for District ROW vs non-District ROW
 - Enforcement authority for bus lanes vs bus zones
 - Necessary changes to DC Code/Regulations to enable automated enforcement
 - Examples of bills from other localities for modeling legislation if necessary
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Scope

- Task 2: Market Research Report
 - Recommended enforcement system/technology for bus lanes
 - Recommended enforcement system/technology for bus zones
 - Deployment plan (e.g., % of buses, distance between stationary cameras)
 - Recommended penalties for enforcement
 - Benefits obtained in peer systems post-implementation (e.g., runtime improvements, reduction of costs for enforcement)
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Questions/Comments

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