



Corridor Traffic Analysis

Travel Time

The following compares the travel times on Benning Road for two analysis scenarios:

- No Build: without any improvements
- Build Scenario with both Streetcar and Interchange Modifications

2045 Westbound Benning Road Travel Time (AM Peak Hour)		
Analysis Scenario	No Build	Streetcar and Interchange Build
Travel Time	6 min 56 sec	6 min 19 sec*

2045 Eastbound Benning Road Travel Time (PM Peak Hour)		
Analysis Scenario	No Build	Streetcar and Interchange Build
Travel Time	5 min 55 sec	6 min 26 sec*

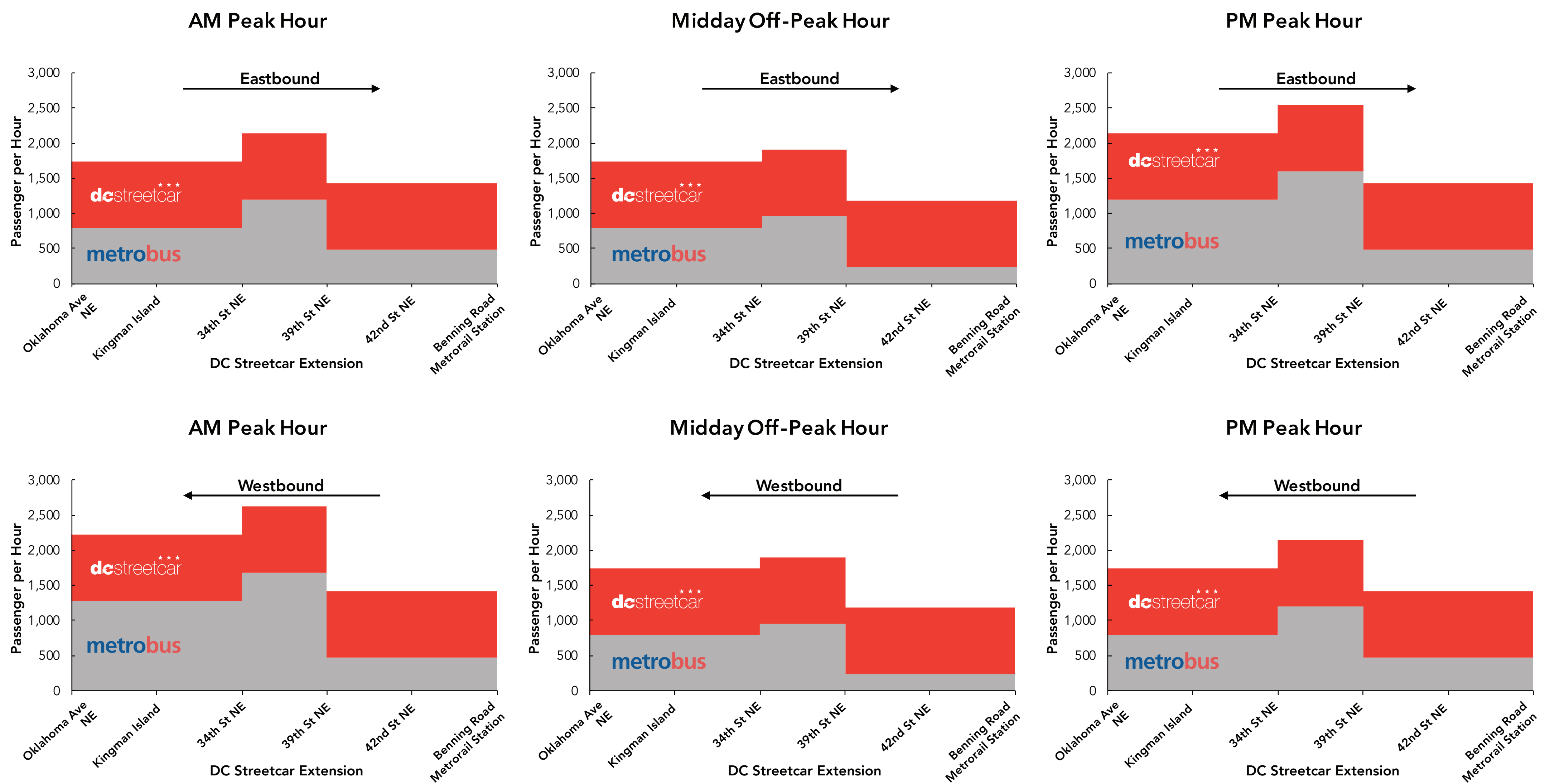
* Current analysis shows that vehicles may experience delay in the eastbound direction during the PM peak hour, as they travel closer to the end-of-line station and E Capitol Street. The project team will continue to refine the corridor design to develop a solution that balances the demands of all Benning Road users.



People Moved

The proposed streetcar extension increases transit capacity, adding capacity for **942 additional riders per hour**. The charts below compare the capacity (not demand) of Metrobus and streetcar service.

Streetcar and Metrobus Passenger Capacity



*Capacity includes the number of passengers both seated and standing