

Central Avenue Bus Rapid Transit Systems Improvements

Westchester County, Department of Public Works

Central Avenue is one of Westchester County's most prominent commercial corridors, extending approximately 14 miles from White Plains at the north end to The Bronx. Sustained bus ridership growth on this corridor over the past five years has led to increases in scheduled bus running times, leading Westchester County to study speeding up bus service along this busy bus transit corridor. The project will speed bus service by implementing a variety of concurrent BRT improvements, including traffic signal priority, new bus queue jumpers and new shoulder bus lanes. The package of time savings improvements represents just the initial implementation of measures to reverse the increases in bus running times. Reducing bus travel times is an important component in attracting new customers and reducing the cost of providing bus service.

The \$2.4 million grant from New York State Department of Transportation will be used to fund Transit Signal Priority (TSP) to provide preferential traffic light treatment, bus queue jumpers and bus lanes for routes that operate along Central Avenue. Sensors and other technologies which activate as a bus approaches will change a traffic signal to green or extend the existing green time. This will give the bus priority over other traffic and speed bus trips for customers.