

Webster Avenue Select Bus Service (Bronx, NY)

New York City DOT, under a general planning contract, issued a task order to develop the detailed conceptual design of a new Select Bus Service (SBS) route along the Webster Avenue corridor located in the Bronx. The Client Team for this project was comprised of staff from both the New York City Department of Transportation (NYCDOT) and New York City Transit (NYCT). NYCDOT identified the Webster Avenue corridor in its BRT Phase II study as an important transit need due to its ability to connect high-density residential and commercial areas that are not currently well served by the subway system.

This task order was divided into four primary tasks. The first task, concept development, focused on data collection and the development of three Draft Conceptual Plans for the corridor. Following the screening process one plan (or a hybrid of the three) was chosen to advance into full concept design. The second task, concept design, involved developing the preferred Draft Conceptual Plan into a Final Conceptual Plan. In the third task, environmental review, the

Consultant prepared a NEPA Categorical Exclusion checklist for the Final Conceptual Plan and coordinated with the Federal Transit Administration to achieve environmental approval. The final task involved working with the community to gain meaningful feedback on the project.



CTG has assisted NYCDOT in three specific areas:

- Terminal Operations Analysis – identified methods for improved bus circulation, improved passenger mobility and transfers, bus dwell times and staging capacity related to the implementation of the Webster Avenue SBS.
- Corridor Operating Plan - defined the corridor operating plan for the Final Corridor Conceptual Plan, developed corridor travel times, integrated physical and TSP improvements identified in the Final Conceptual Plan, identified the impacts associated with each improvement type.
- Supporting Bus Service Plan - identified proposed route modifications to surrounding bus network to support and enhance Webster Ave SBS, identified opportunities for improved mobility through the use of corridor facilities and the need for additional physical improvements along the corridor or at terminal locations.



NYCDOT and NYCT have dedicated the lanes, made access improvements and will complete bus bulb implementation in 2015/2016. Service began on the Bx41 Select Bus Service June 30, 2013.