



Project Name: Roosevelt Boulevard Multimodal Corridor Program
Owner/Client: City of Philadelphia Department of Streets
Type of Project: Traffic Engineering and Analysis
Location: Philadelphia
Completion Date: 2019
Contract Value: \$78,300

Project Description:

The City of Philadelphia Department of Streets has taken on the robust effort to transform the bustling yet problematic Roosevelt Boulevard to a modern multimodal transportation corridor. The Roosevelt Boulevard corridor is 14 miles long and has 12 lanes of travel, serving up to 150,000 person trips daily. This project aims to envision a new corridor which will ensure that travelers on the Boulevard as well as the surrounding communities have safe, reliable, and diverse opportunities to access neighborhood and regional amenities. The Delaware Valley Regional Planning Commission (DVRPC), PennDOT, the City of Philadelphia, and SEPTA are integral members of the Roosevelt Boulevard transformation.

KMJ's Approach

KMJ is responsible for preparing the Synchro Model for 40 complex intersections along the Roosevelt Boulevard Corridor, between Broad Street and Devereaux Street. The aim of this project is to accommodate all users, bicyclists, pedestrians and transit. KMJ also conducted field observations, verified roadways and traffic signal conditions. The primary multimodal analysis tool is VISSIM. Synchro is being used as an input tool. The Synchro tool developed by KMJ will be used in VISSIM to analyze the future multimodal functionality proposed for Roosevelt Boulevard. Coordination between, KMJ, HNTB, DVRPC, SEPTA and the City of Philadelphia will ensure the success of this project.



Client Contact/Reference

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