

# SECOND AVENUE SUBWAY PROJECT New York City, NY

Owner: MTA  
Location: Manhattan, NYC

Mario Fiorillo provided design services for this project. The scope of work included:

- 1) Developed preliminary MPT's alternatives for Cut-Cover, Mined, and TBM operations.
- 2) Model existing and proposed traffic along Second Avenue to simulated (SimTraffic) different lane closure during construction.
- 3) Analyzed Signalized and Unsignalized Intersections along the proposed construction zone.
- 4) Developed Preliminary cost estimates for all stations under the Cut-Cover, Mined and TBM operation.



- 5) Developed Power Point presentations linking special MPT's areas to stream video and still pictures. This file was created to be used by the Second Avenue Subway Project Team to review specific location for Land Use, Lane Geometric, and others.