Potential Coastal Flooding & Climate Change Adaptation Strategies

July 2014

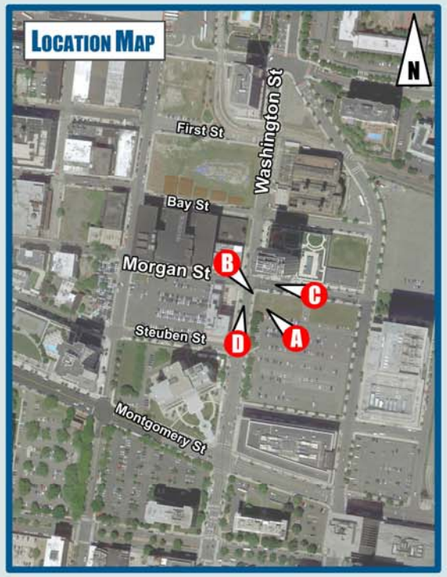
These visualizations have been created to help the City of Jersey City collect feedback on potential adaptation measures to mitigate coastal flooding. Measures have been conceptualized to a crest elevation of 14 ft. NAVD88, which represents the flood elevation during Superstorm Sandy plus an upper (90th percentile) sea level rise projection at the year 2050.

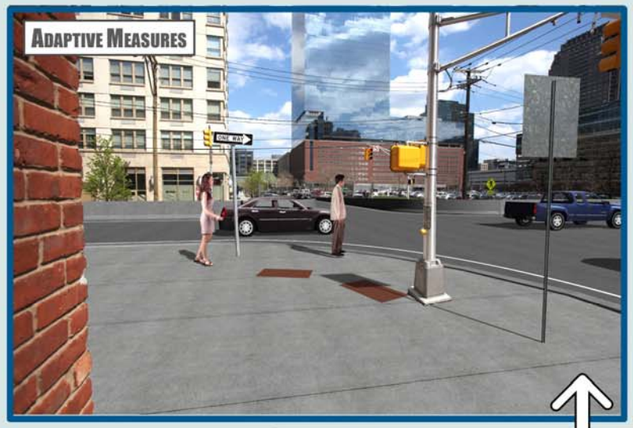
Scenario #1 depicts a street levee along Washington Street at Morgan Street, which would necessitate the raising of this intersection 6.58 feet above current grade.

Visualizations funded by a Local Government Capacity Grant (LGCG) from Together North Jersey.

All elevations and measurements are approximate.

Scenario #1: Washington Street





B Northwest Corner of Washington & Morgan Streets Looking East

C Morgan Street East of Washington Street Looking West, Shown with Option of Brick Barrier

D Washington Street South of Morgan Street Looking North, Shown with Option of Transparent Barrier