

# 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 #4 depicts land rise in the Grand Jersey Redevelopment Plan area to mitigate flooding at Mill Creek, one of the lowest lying points downtown. The current elevation of this area is as low as 3 feet NAVD88, requiring a land rise of 11 feet above current grade.

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

All elevations and measurements are approximate.

## SCENARIO #4: MILL CREEK

