

# 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 #2 depicts a street levee along Dudley Street between Washington and Van Vorst Streets, which would necessitate the raising of Dudley Street 5 feet above current grade.

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

All elevations and measurements are approximate.

## SCENARIO #2: DUDLEY STREET



**A** Dudley Street Looking East towards Washington Street



**B** Dudley Street Looking West towards Van Vorst Street



**C** Northeast Corner of Dudley & Van Vorst Streets Looking West



**D** Liberty Harbor Marina Looking East towards Dudley Street

