ALTERNATIVE 1

Resist alignment which provides highest level of storm surge risk reduction benefits with waterfront structures.

CHARACTERISTICS:

- Provides greatest level of coastal flood risk reduction benefits
- Potentially least amount of transportation network (roadway and parking) disruption
- Highest cost and complexity to construct compared to the other alternatives
- Most impact on existing waterfront views/access

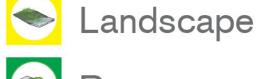
Legend:

Resist

Gate - Sliding



Deployable



Berm

Raised Path



Elevated Walkway

Delay, Store, & Discharge

Stormwater Tank

Stormwater Tank Bump-out

Multipurpose Stormwater Facilities

A Pumps

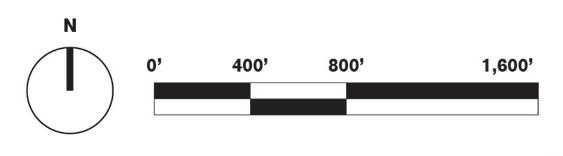
····· Existing Structure

— Municipal Boundaries

--- Study Area

Preliminary FEMA
100 Year Flood Plain

* Approximate Structure Height to meet FEMA Certification and 2075 sea level rise.







ALTERNATIVE 2

Resist alignment which provides storm surge risk reduction benefits using public right-of-way.

CHARACTERISTICS:

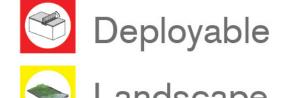
- Does not impact waterfront views or existing waterfront access
- Less costly to construct compared to Alternative 1
- May require reduction in space along Washington Street for structure footprint
- May have impact on roadway/ traffic flow on 15th Street

Legend:

Resist

Gate - Sliding





Landscape



Raised Path





Elevated Walkway

Delay, Store, & Discharge

Stormwater Tank



Multipurpose Stormwater Facilities

Pumps

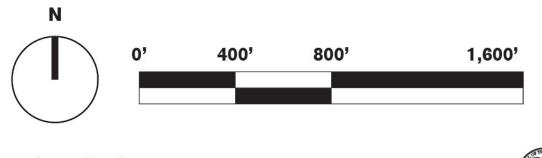
····· Existing Structure

Municipal Boundaries

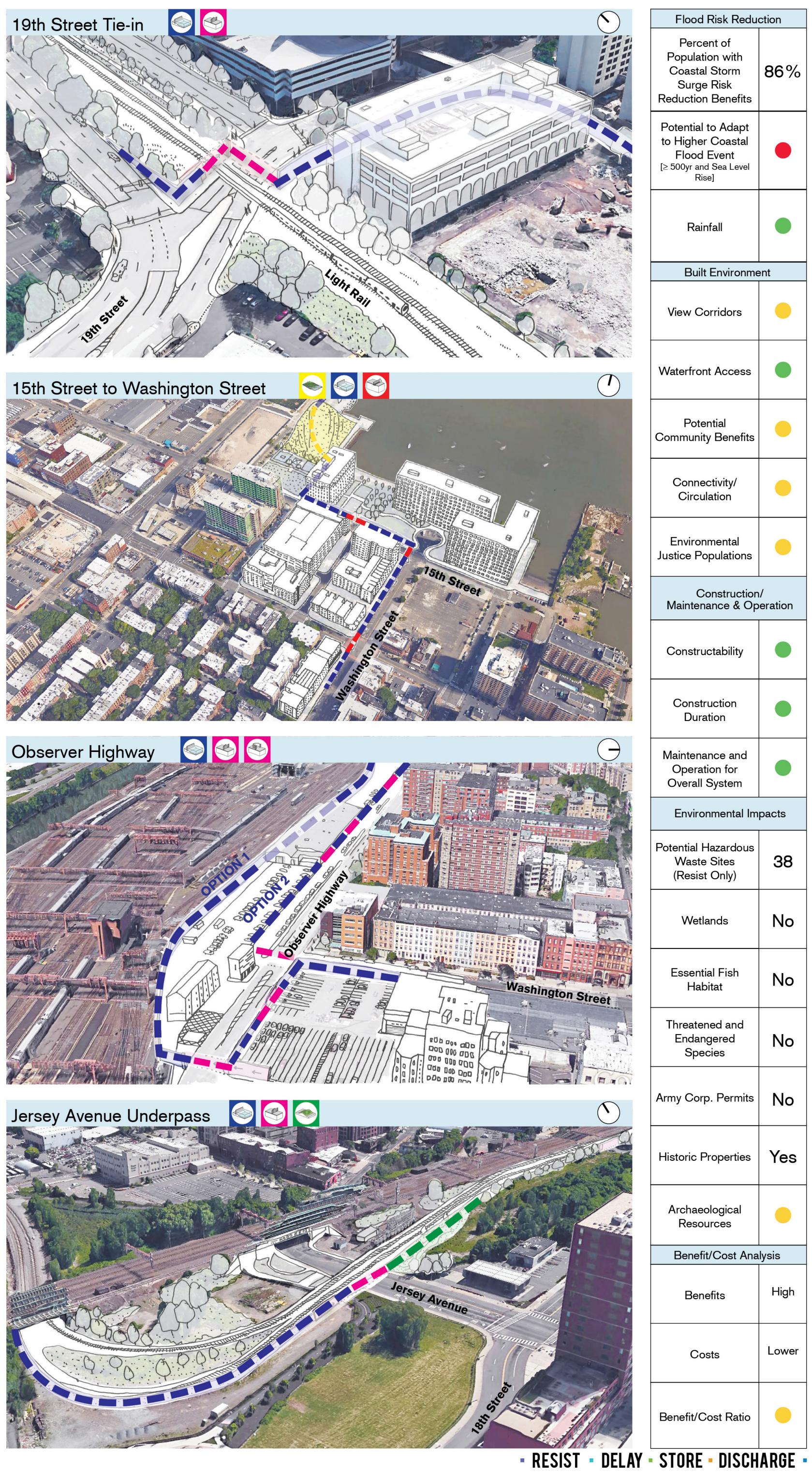
--- Study Area

Preliminary FEMA 100 Year Flood Plain

* Approximate Structure Height to meet FEMA Certification and 2075 sea level rise.







ALTERNATIVE 3

Resist alignment which provides storm surge risk reduction benefits using alleyway easement.

CHARACTERISTICS:

- Does not impact waterfront views or existing waterfront access
- Less costly to construct and maintain compared to Alternative 1
- Reduced traffic and circulation impacts compared to Alternative 2 by using alleyway for portion of alignment
- May enhance the urban design and existing use of public space within the alleyway
- May require reduction in space along Washington Street for structure footprint

Legend:

Resist

- Gate Sliding
- Gate Swinging
- Deployable
- Landscape
- Berm

Raised Path





Delay, Store, & Discharge

- Stormwater Tank
- Stormwater Tank Bump-out
- Multipurpose Stormwater Facilities
- Pumps
- ····· Existing Structure
- Municipal Boundaries
- --- Study Area
- Preliminary FEMA 100 Year Flood Plain
- * Approximate Structure Height to meet FEMA Certification and 2075 sea level rise.

