

New York and New Jersey Harbor And Tributarties Coastal Storm Risk Management Study

INTEGRATED FEASIBILITY REPORT & Tier 1 ENVIRONMENTAL IMPACT STATEMENT APPENDIX E: Map Series

Sub-Appendix A: Alternative 2 Map Series

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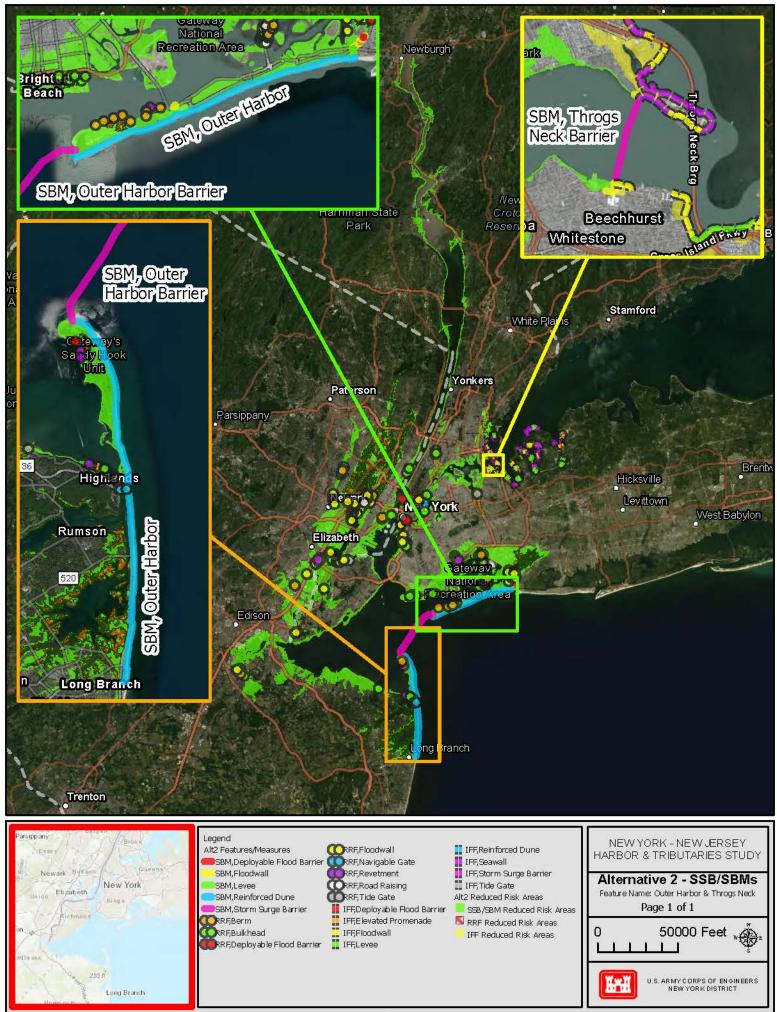
Introduction

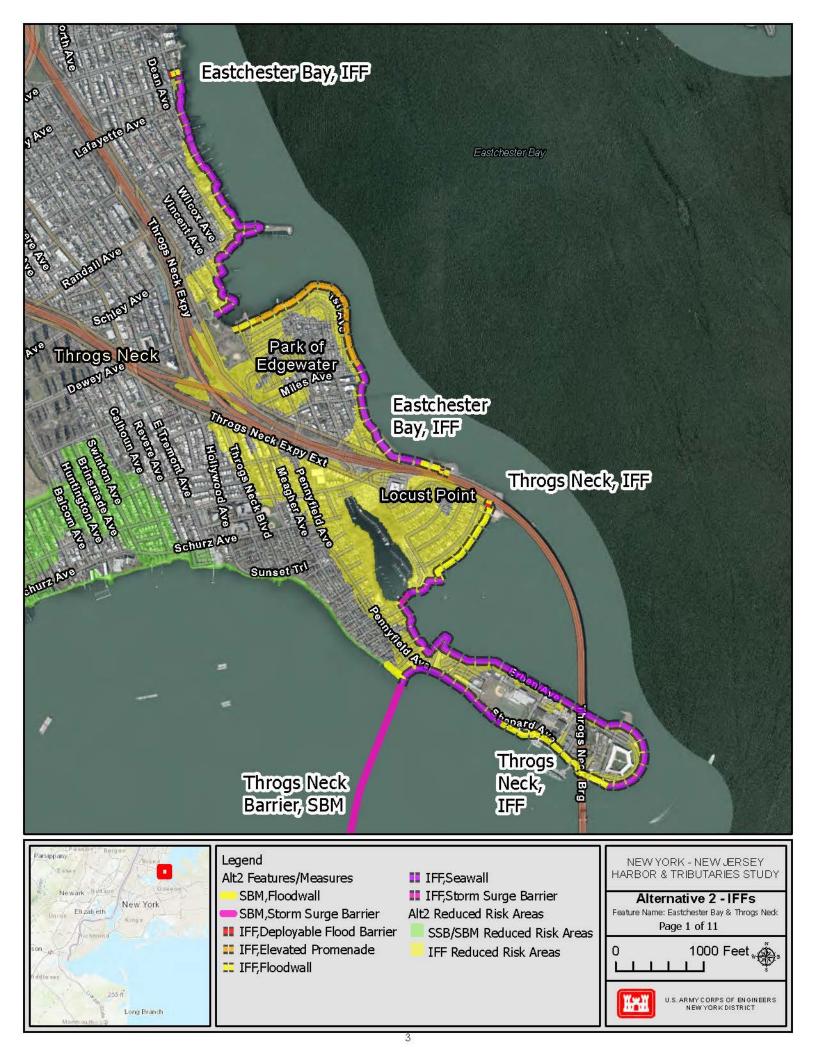
There are five sets of map series graphics contained within this appendix. Each map series displays the various features associated with that specific alternative, the location of those features, and the specific measures that are a part of those features. The risk reduction areas associated with those features are also displayed.

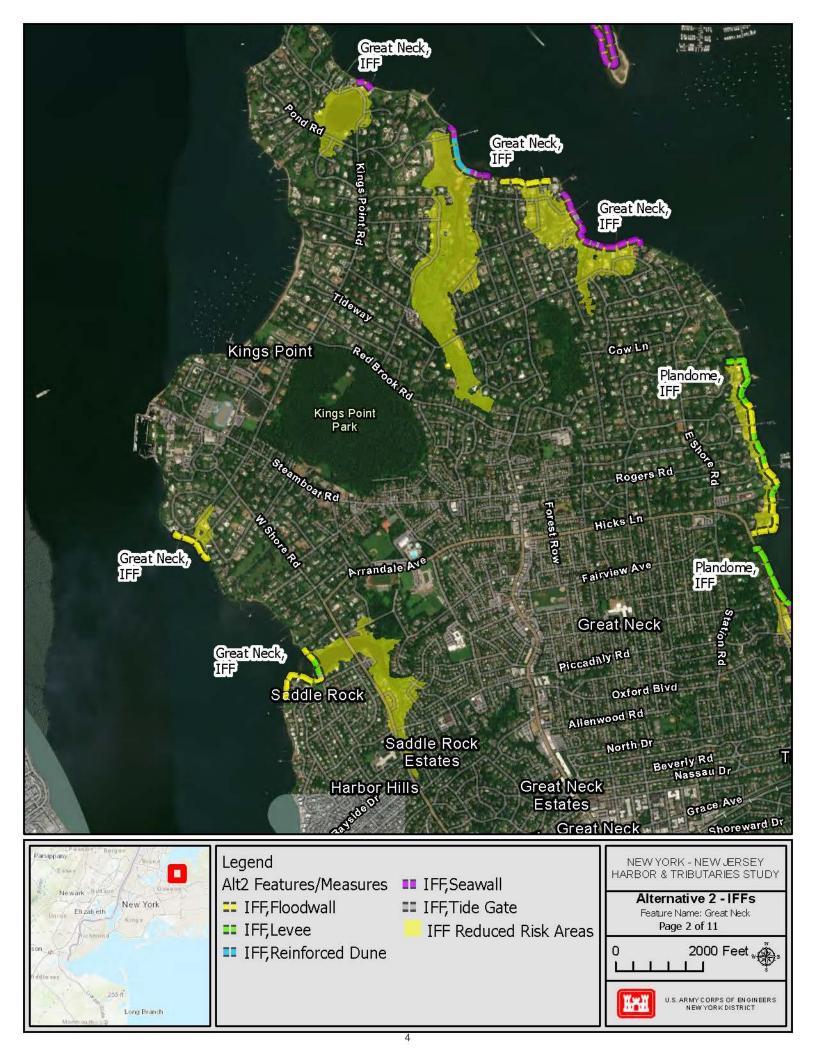
The maps are organized by alternative and then broken down by the type of feature. Storm Surge Barriers (SSBs) and Shoreline Based Measures (SBMs) are grouped together in a set of maps, followed by a set of maps for Induced Flood-Mitigation Features (IFFs), and finally the Risk Reduction Features (RRFs) map sets. Each alternative includes these three types of features except for Alternative 5 which only includes SBMs.

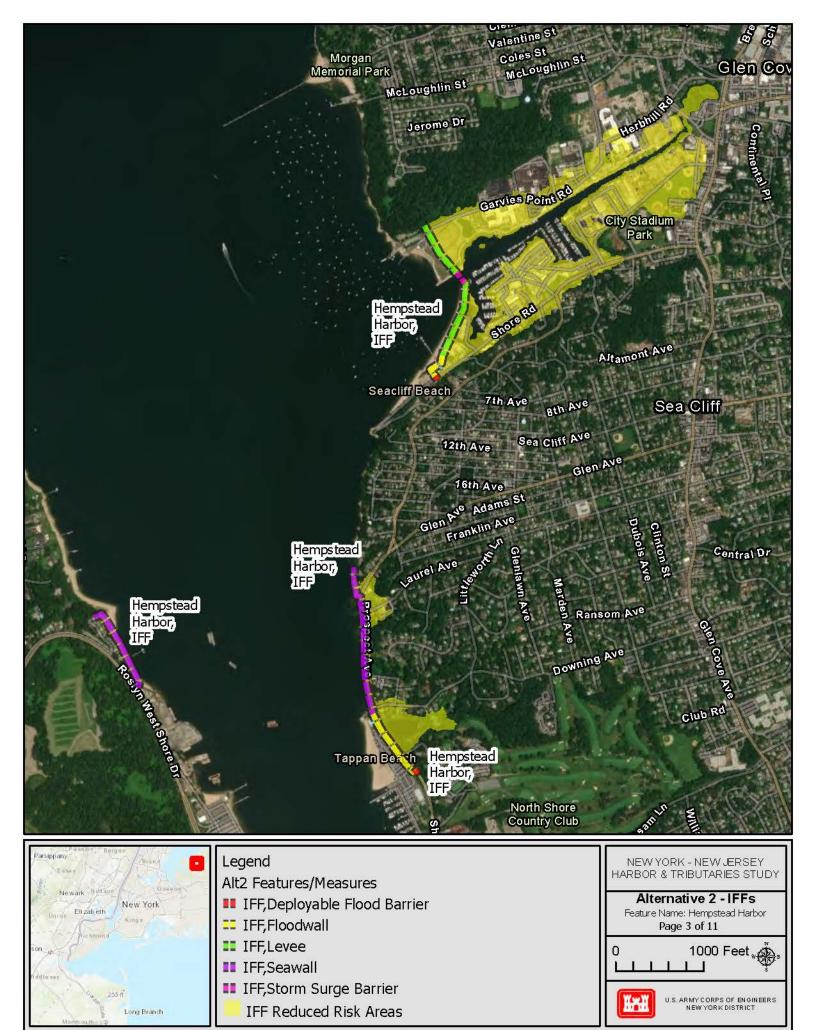
Each feature and the area of reduced risk associated with it has its own map; however, it should be noted that the following specific maps represent more than one feature because they provide risk reduction to a shared area and/or are dependent on one another hydraulically:

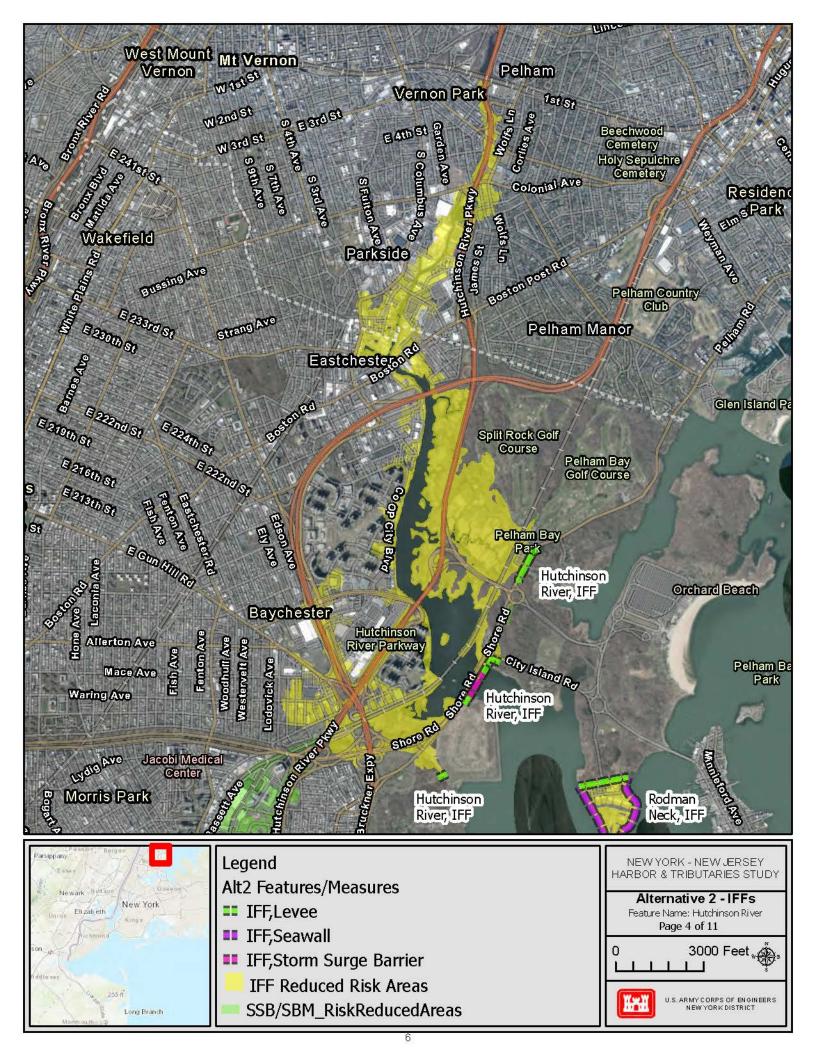
- Alternative 2 SSB/SBM Map Series Outer Harbor Barrier and associated Shoreline Based Measure Throgs Neck Barrier and associated Shoreline Based Measure
- Alternative 3A SSB/SBM Map Series Arthur Kill Barrier and associated Shoreline Based Measure Verranzzano Narrows Barrier and associated Shoreline Based Measure Throgs Neck Barrier and associated Shoreline Based Measures
- Alternative 3B SSB/SBM Map Series Arthur Kill Barrier and associated Shoreline Based Measure Kill Van Kull Barrier and associated Shoreline Based Measure
- Alternative 2 and Alternative 3A IFF Map Series Eastchester Bay IFF Throgs Neck IFF
- Alternative 2, Alternative 3A, and Alternative 3B RRF Map Series Kearny Point RRF
 S. Kearny Point RRF

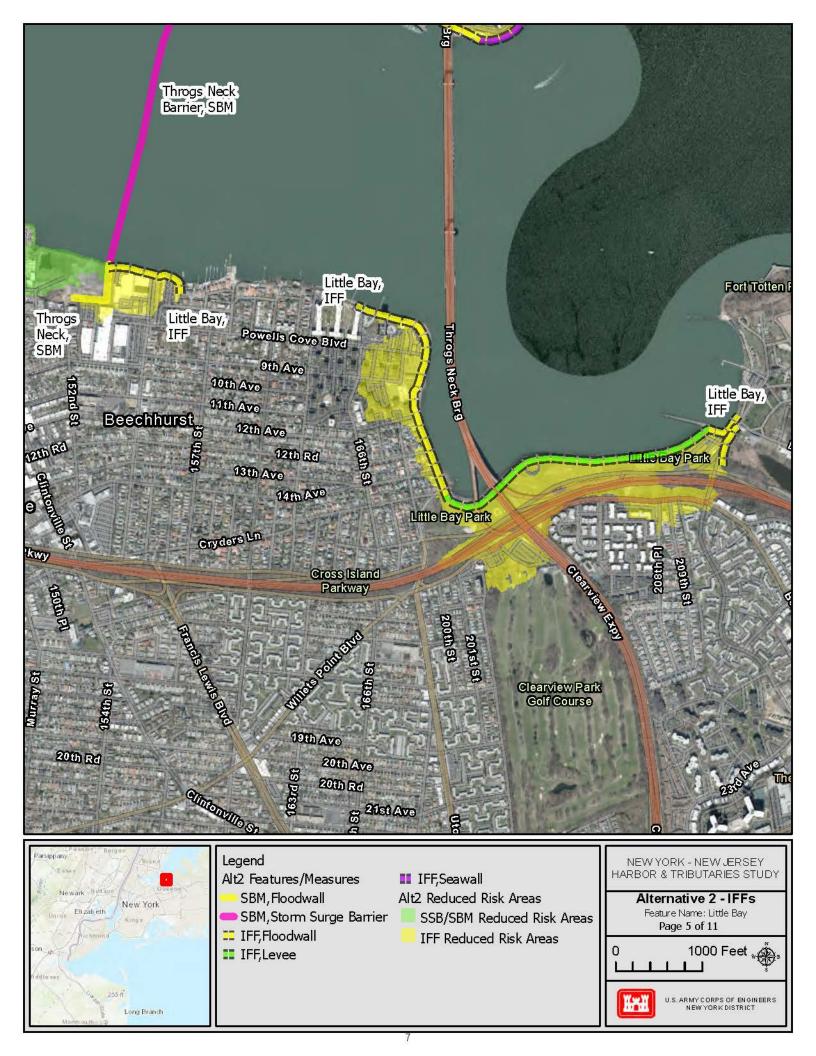


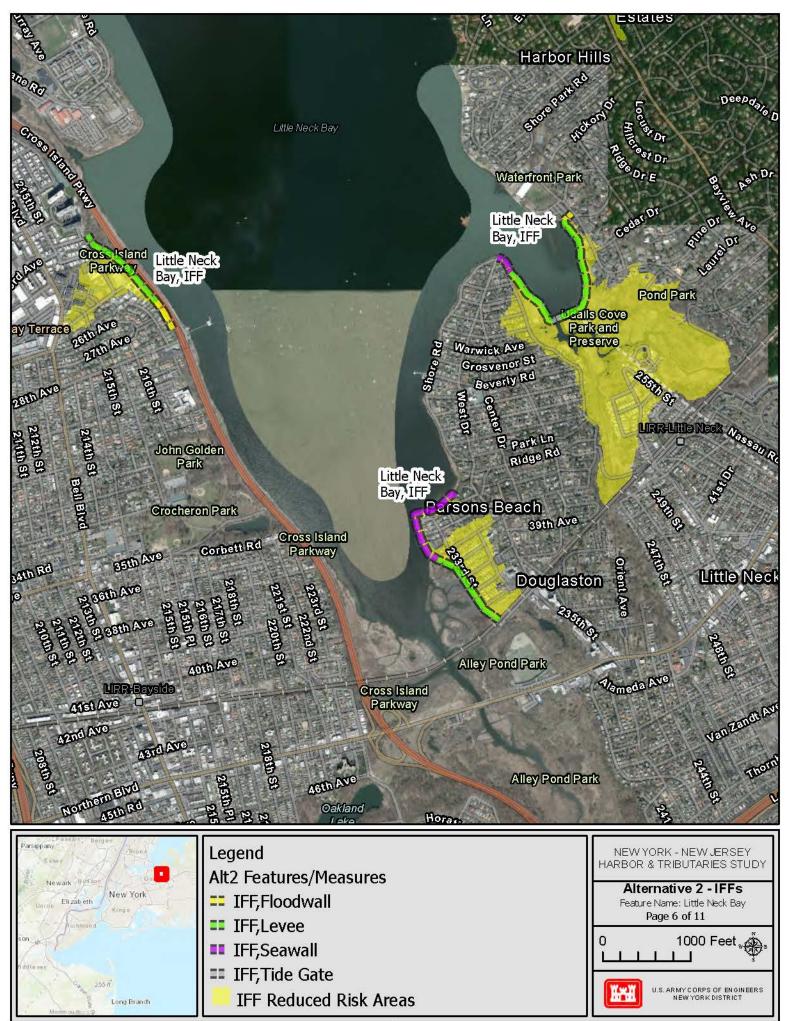


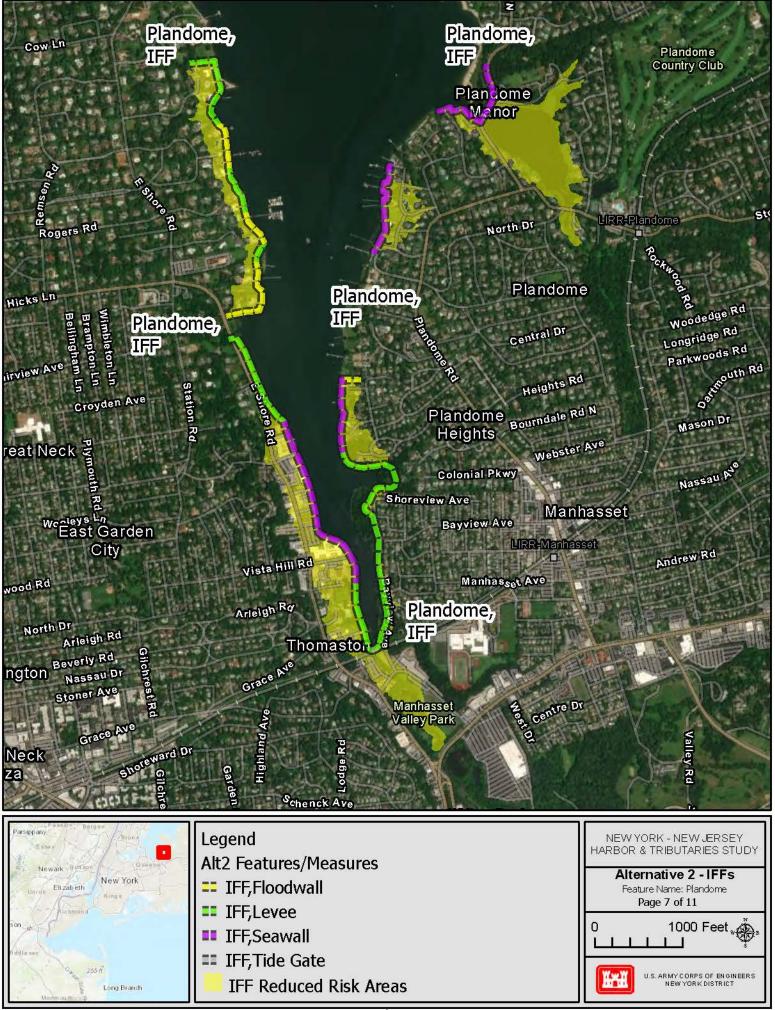


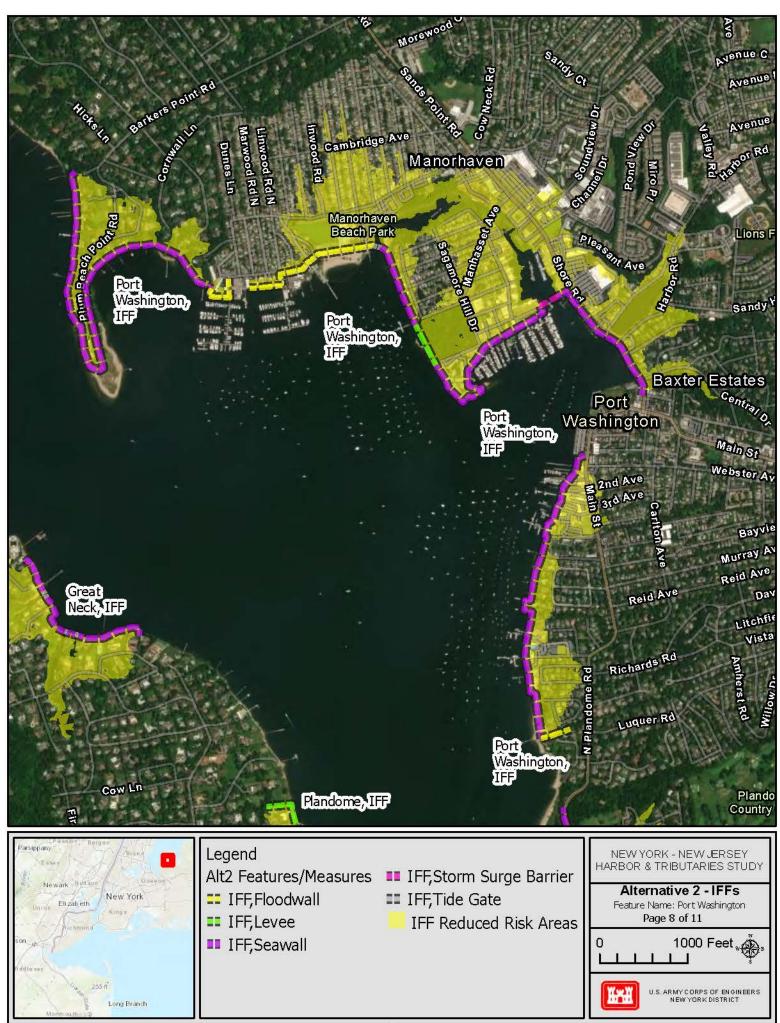




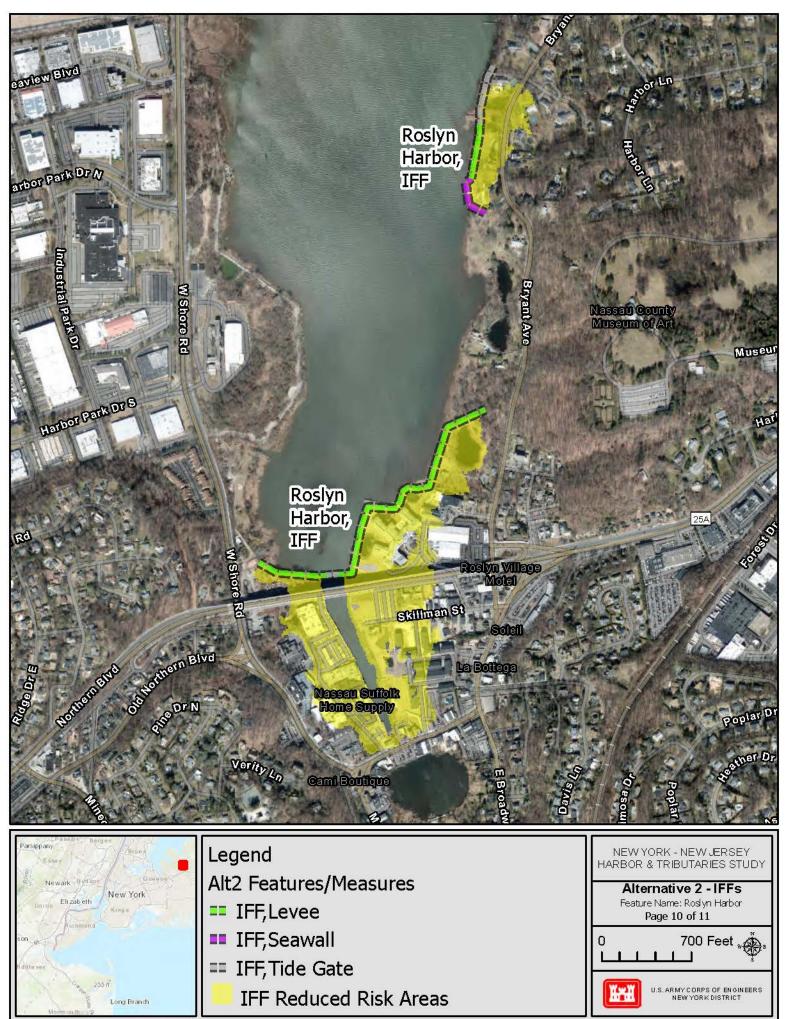




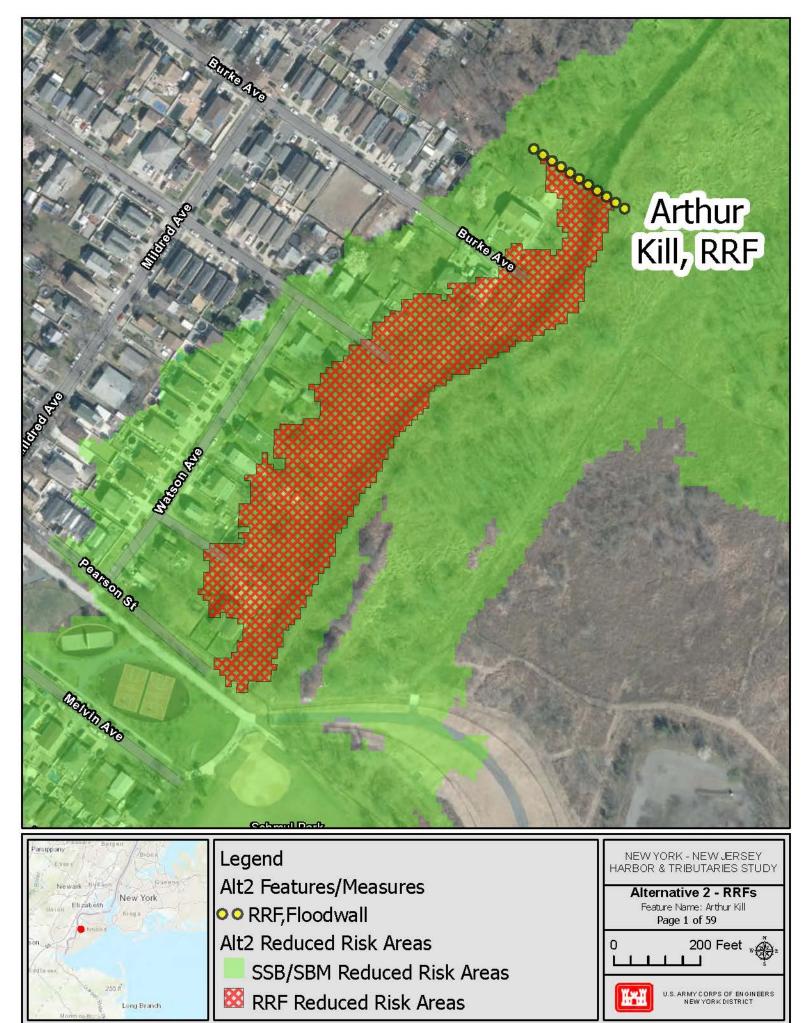


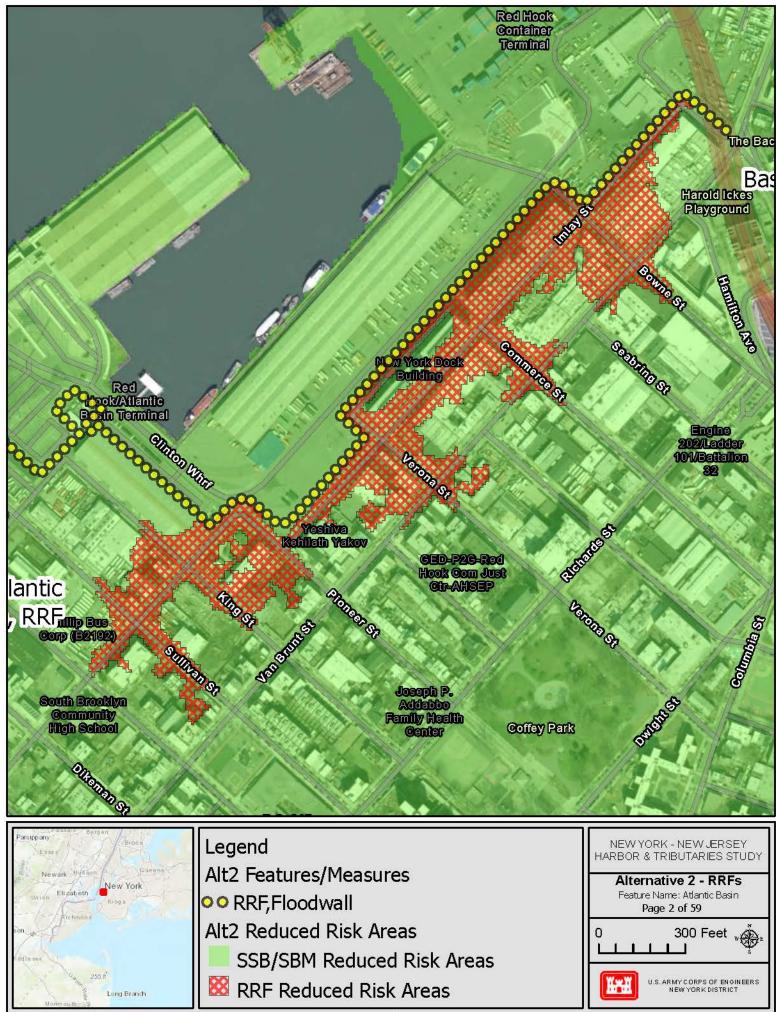


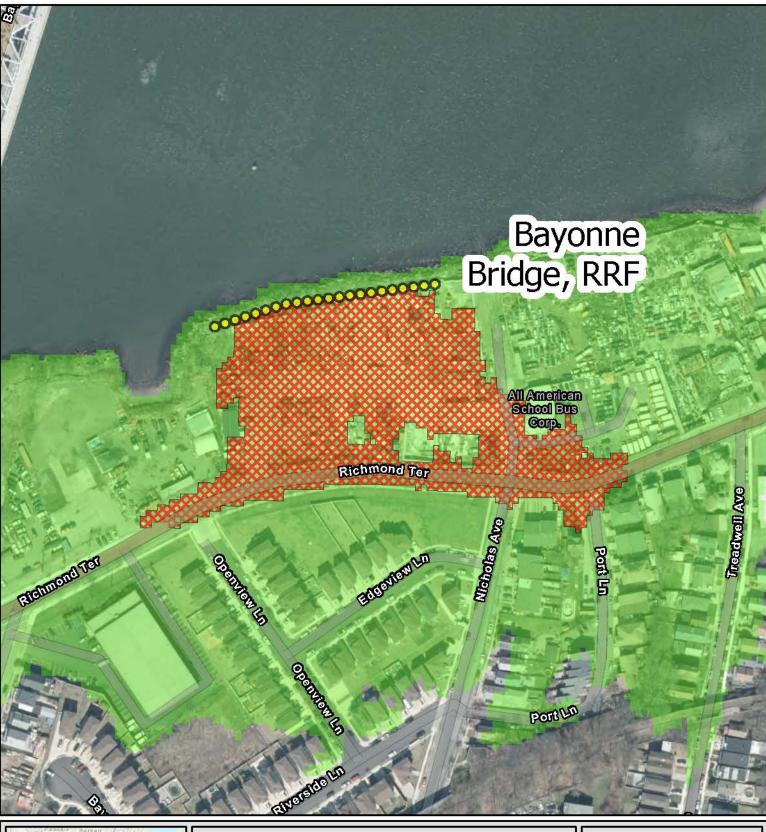






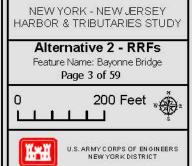








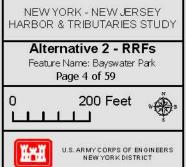
Legend Alt2 Features/Measures RRF,Floodwall Alt2 Reduced Risk Areas SSB/SBM Reduced Risk Areas RRF Reduced Risk Areas

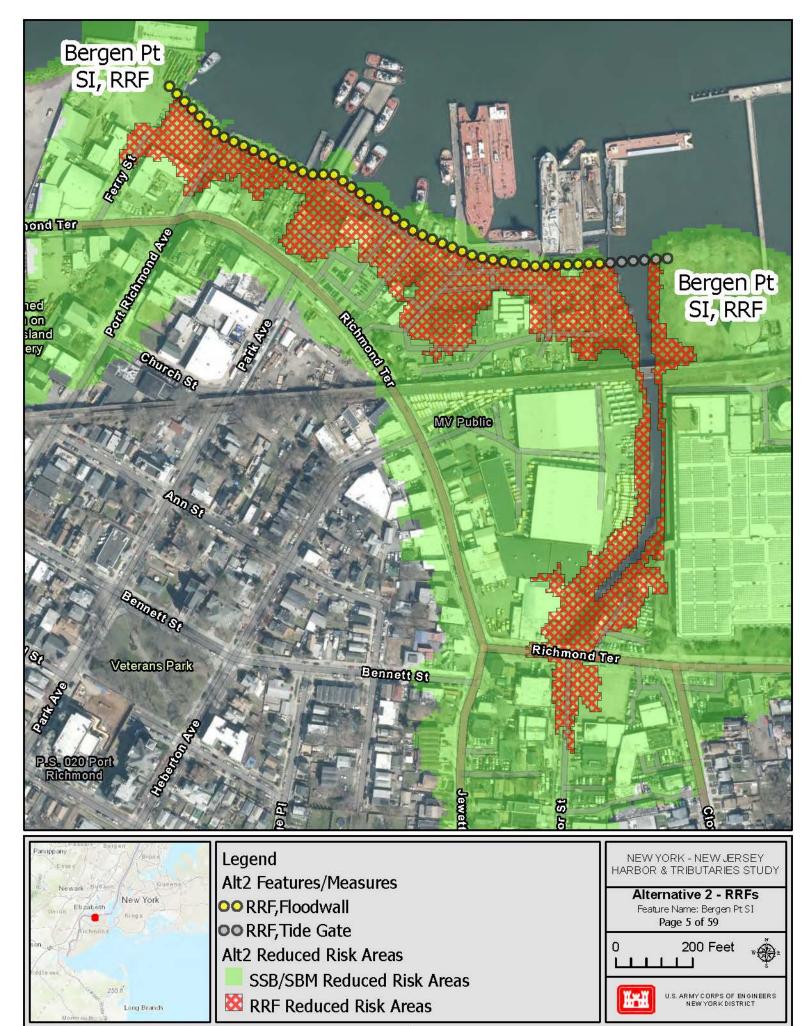




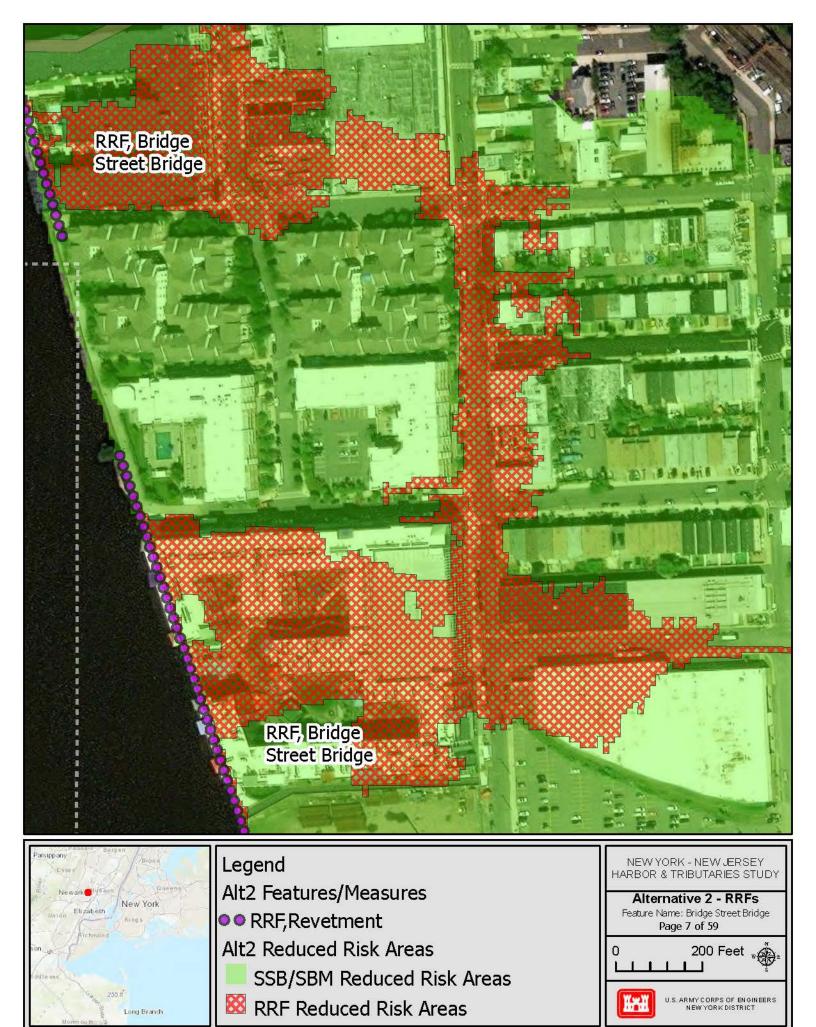


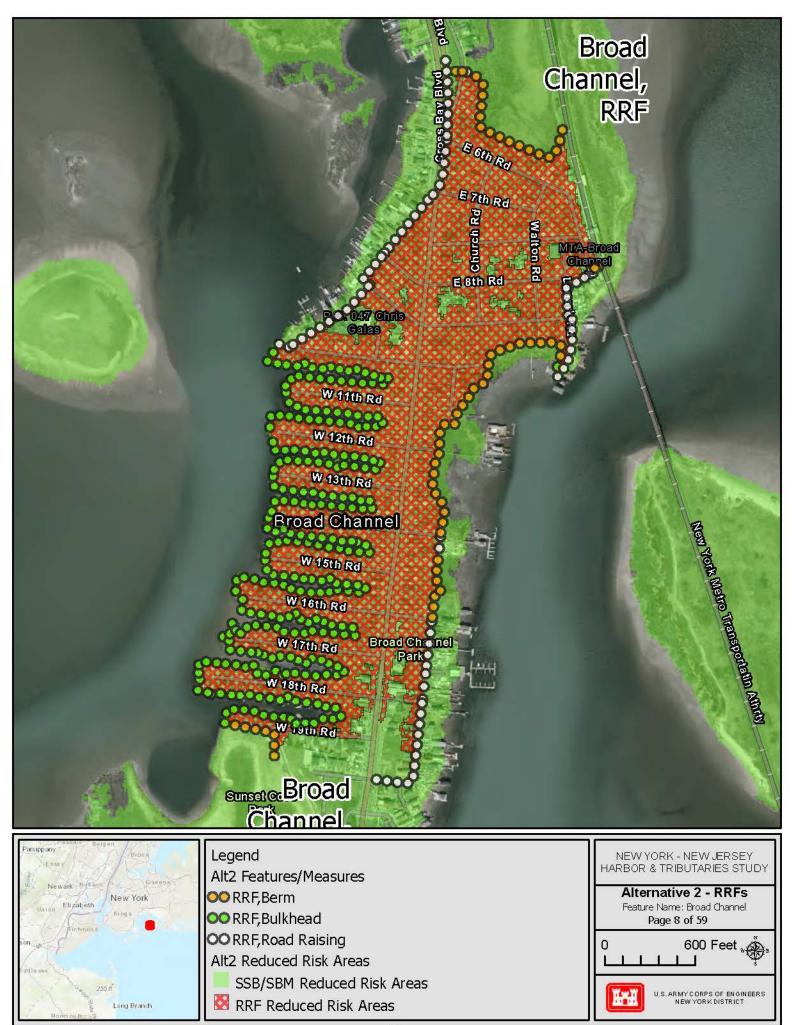
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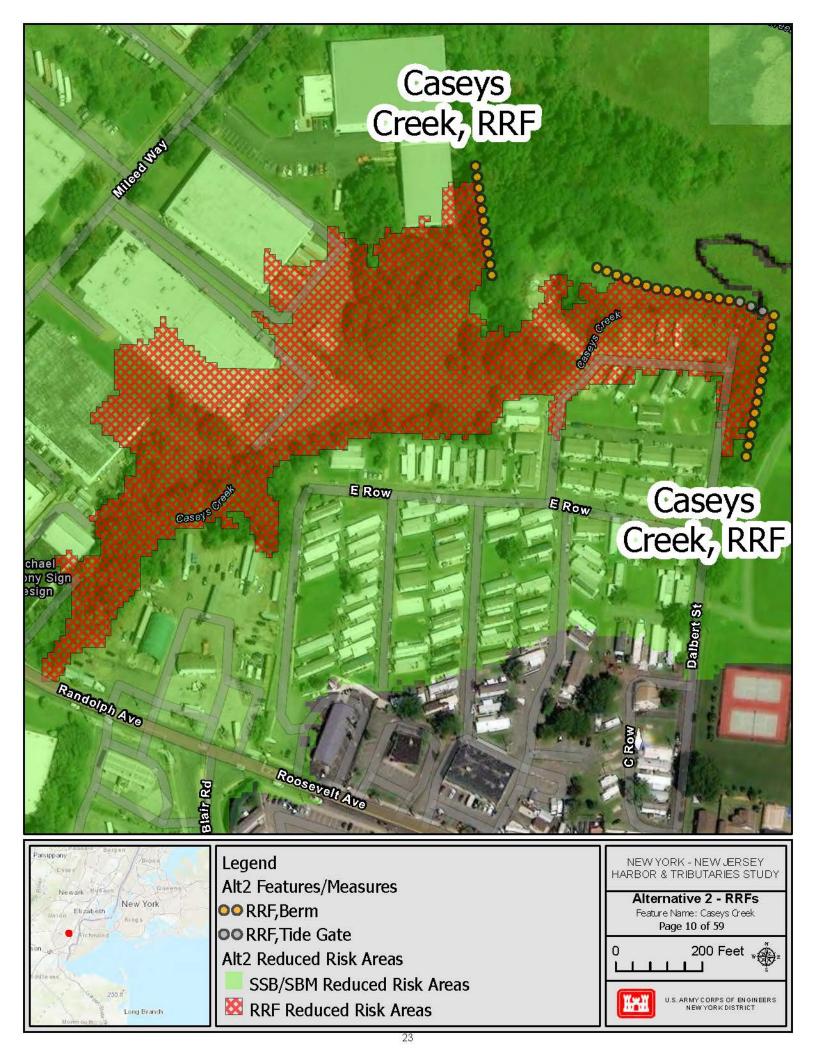


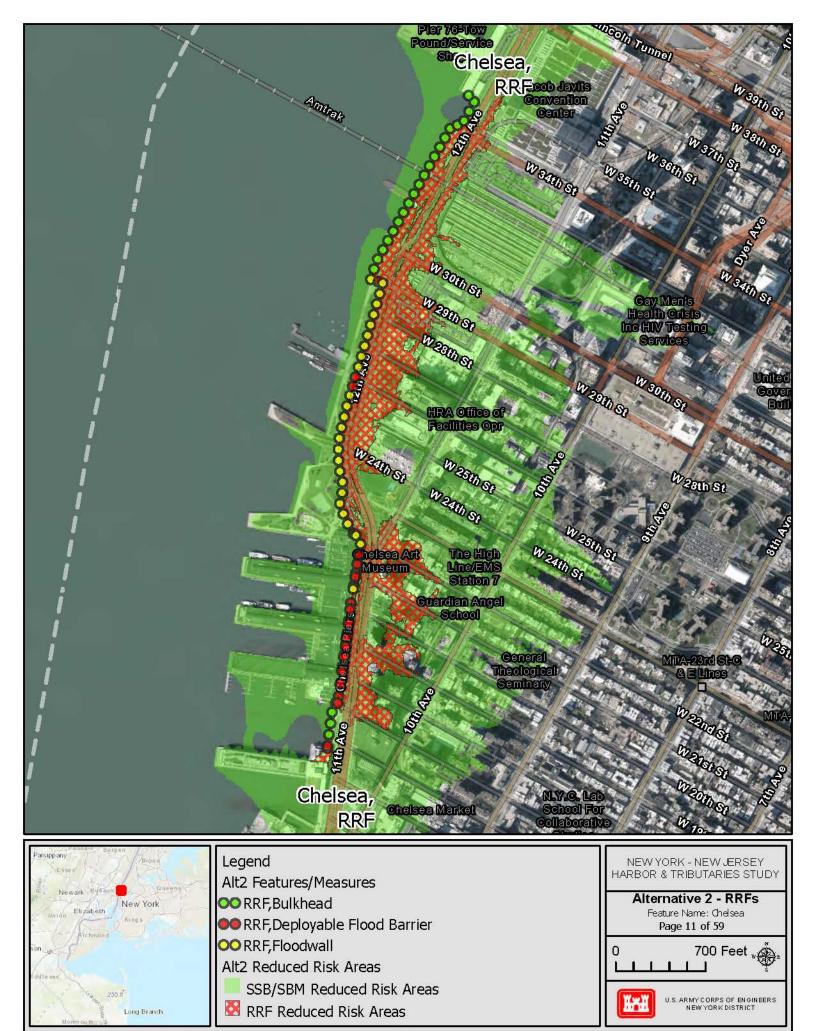














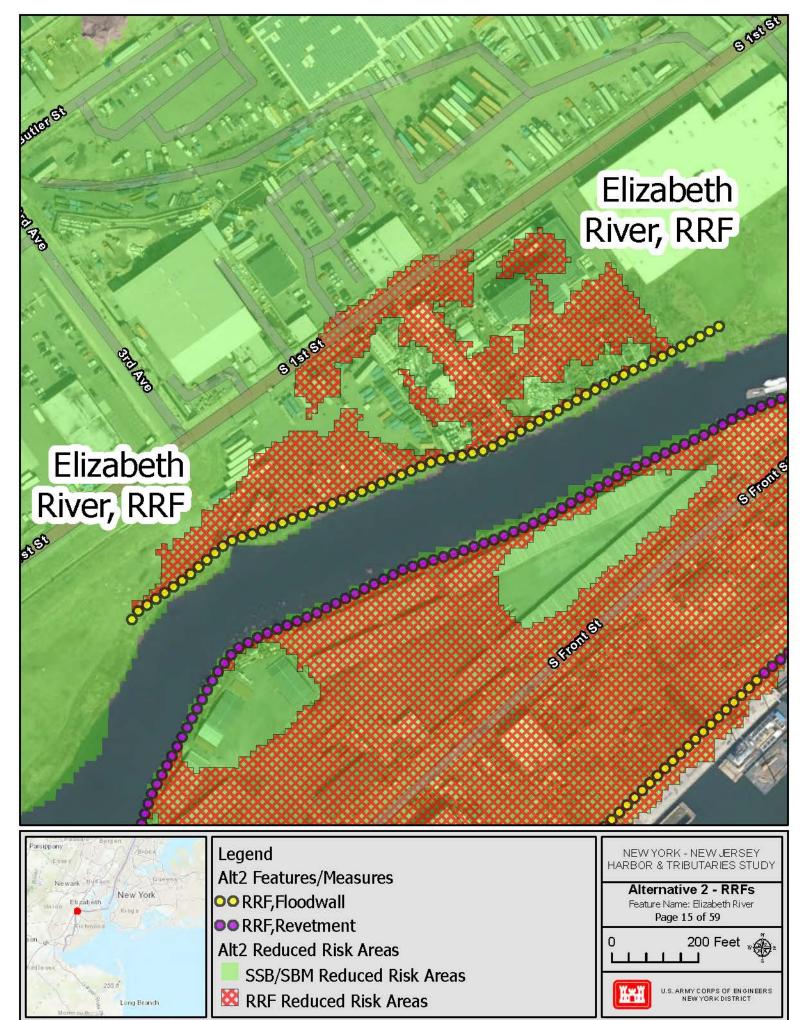


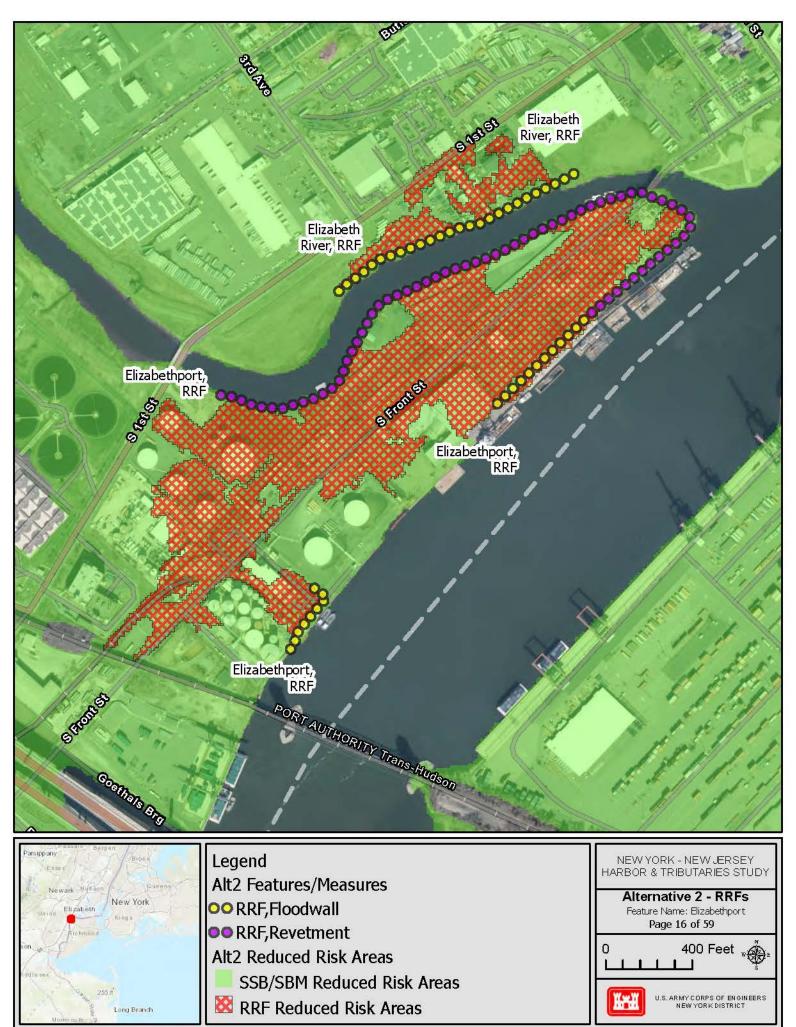


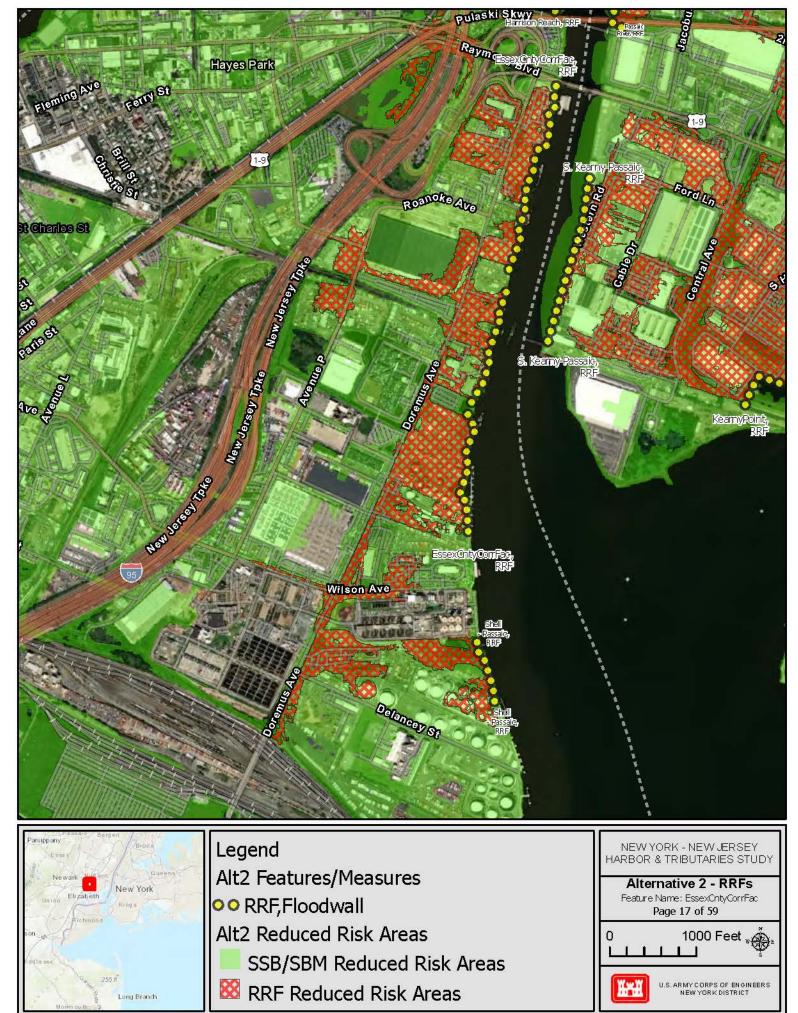
Legend Alt2 Features/Measures •• RRF,Bulkhead Alt2 Reduced Risk Areas SSB/SBM Reduced Risk Areas RRF Reduced Risk Areas









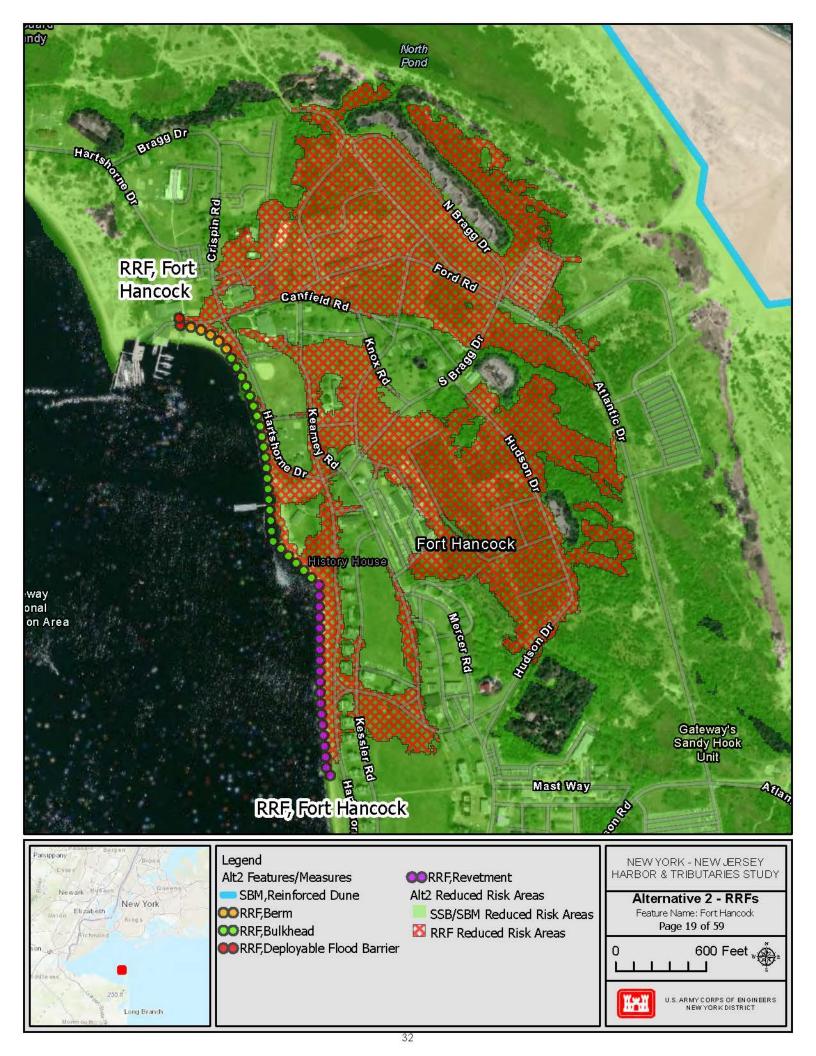


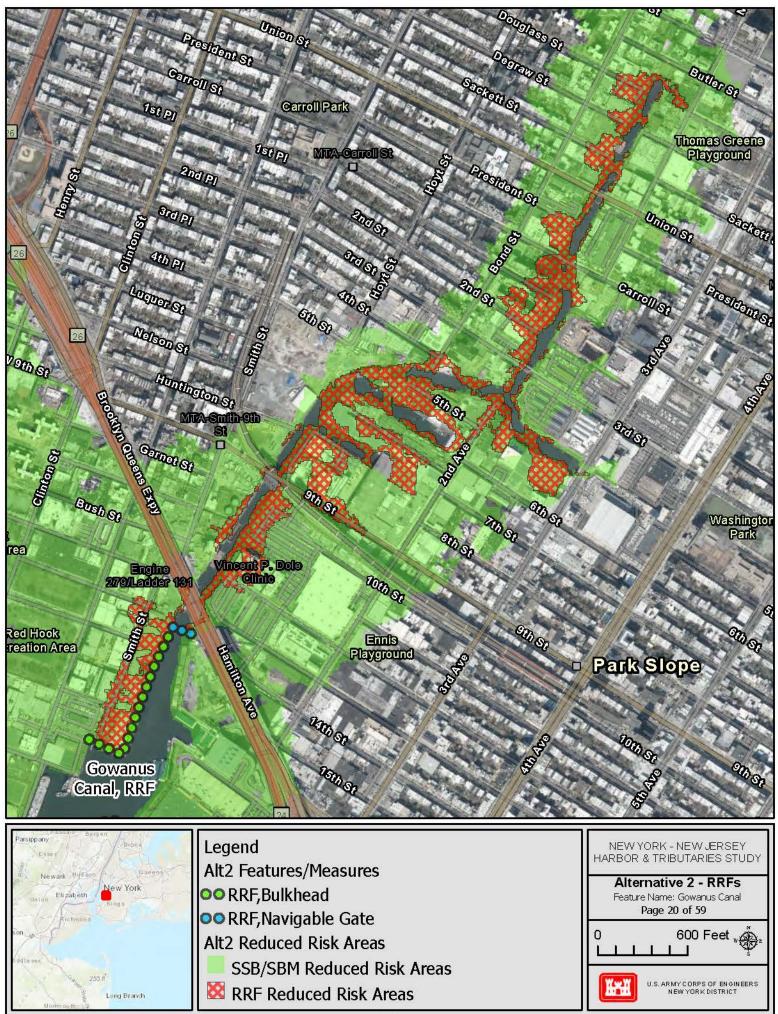


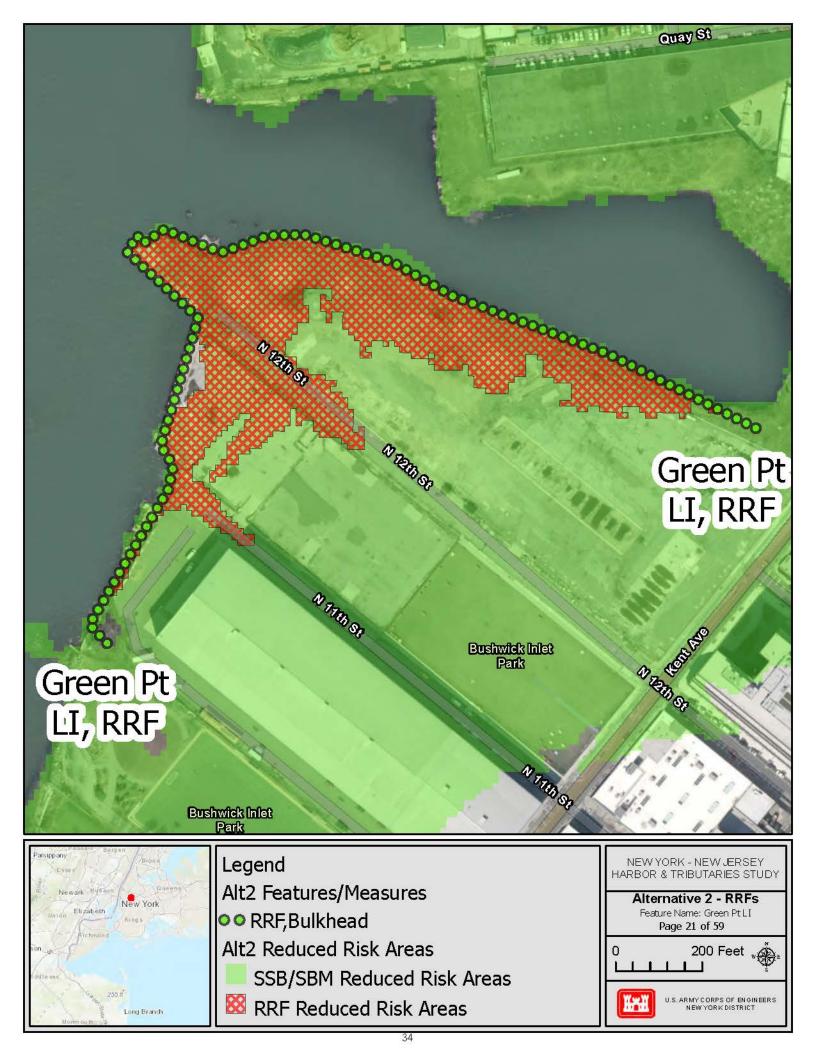


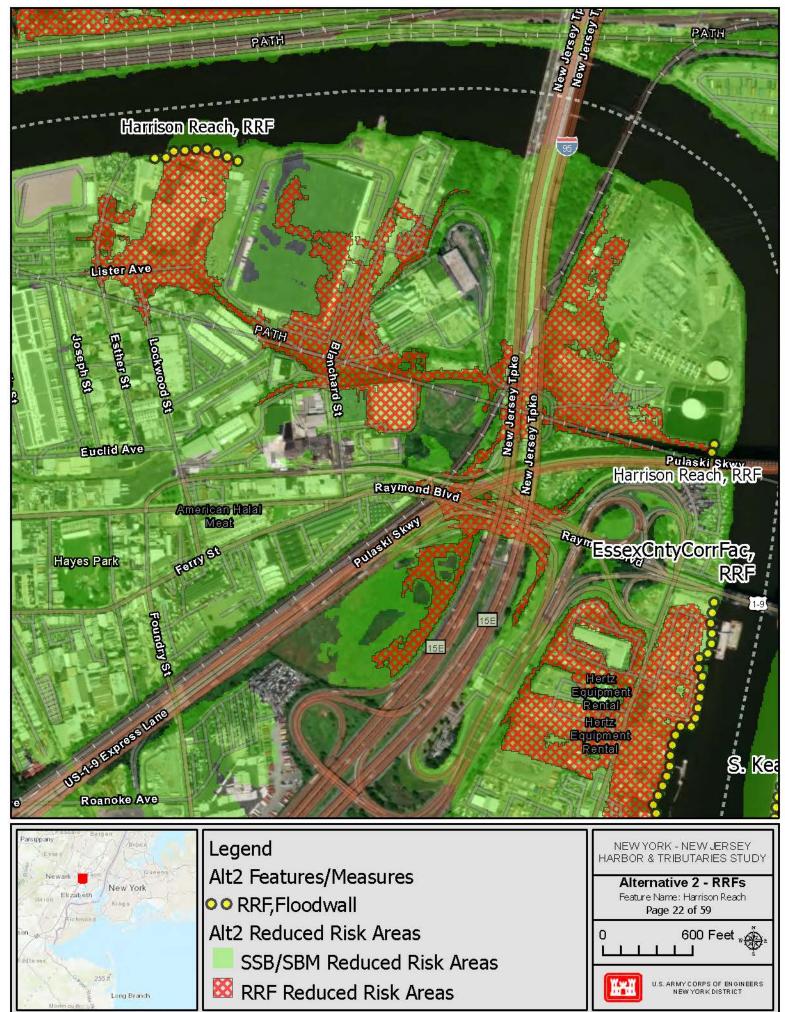
Legend Alt2 Features/Measures OORRF,Berm OORRF,Tide Gate Alt2 Reduced Risk Areas SSB/SBM Reduced Risk Areas RRF Reduced Risk Areas

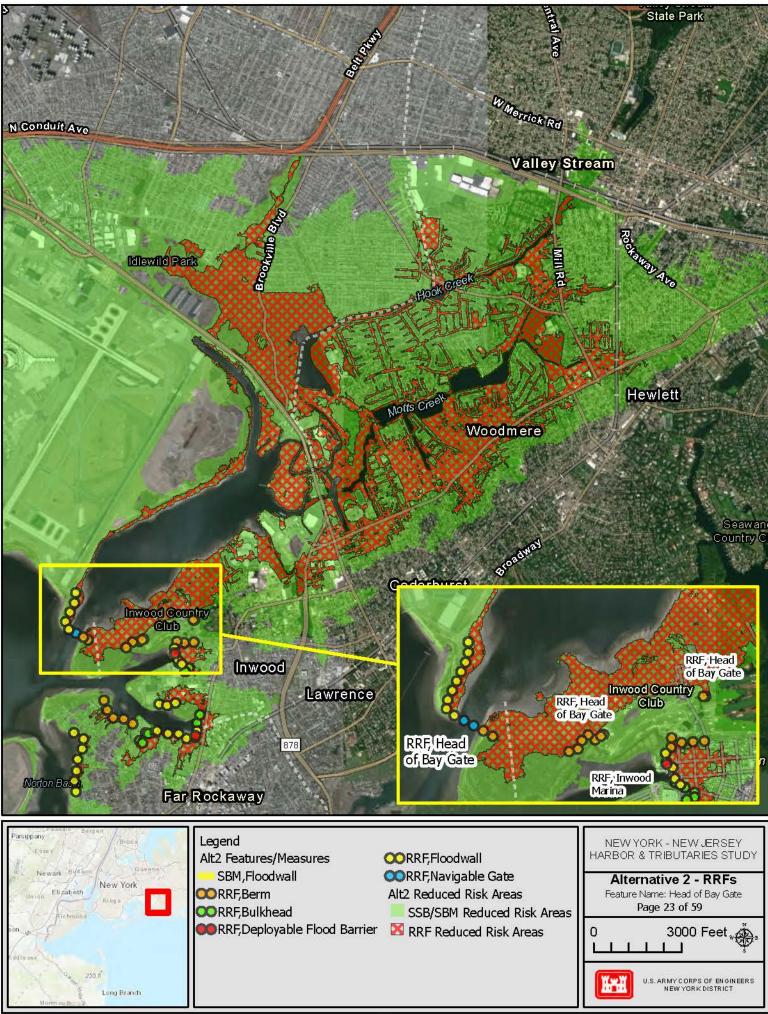


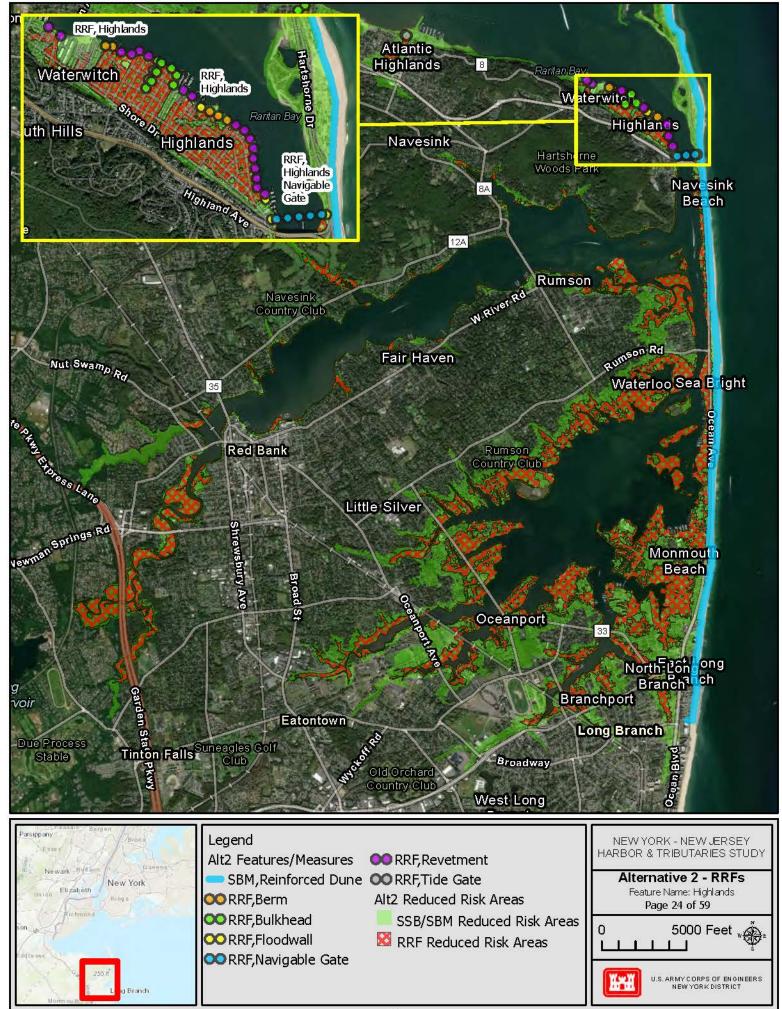


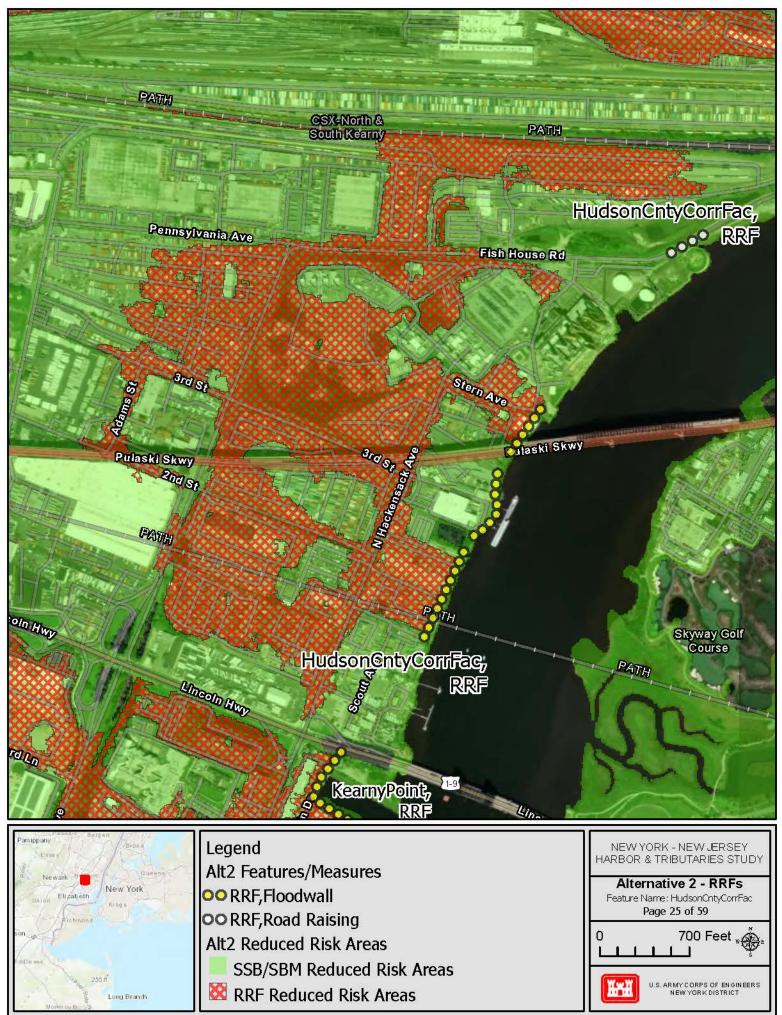


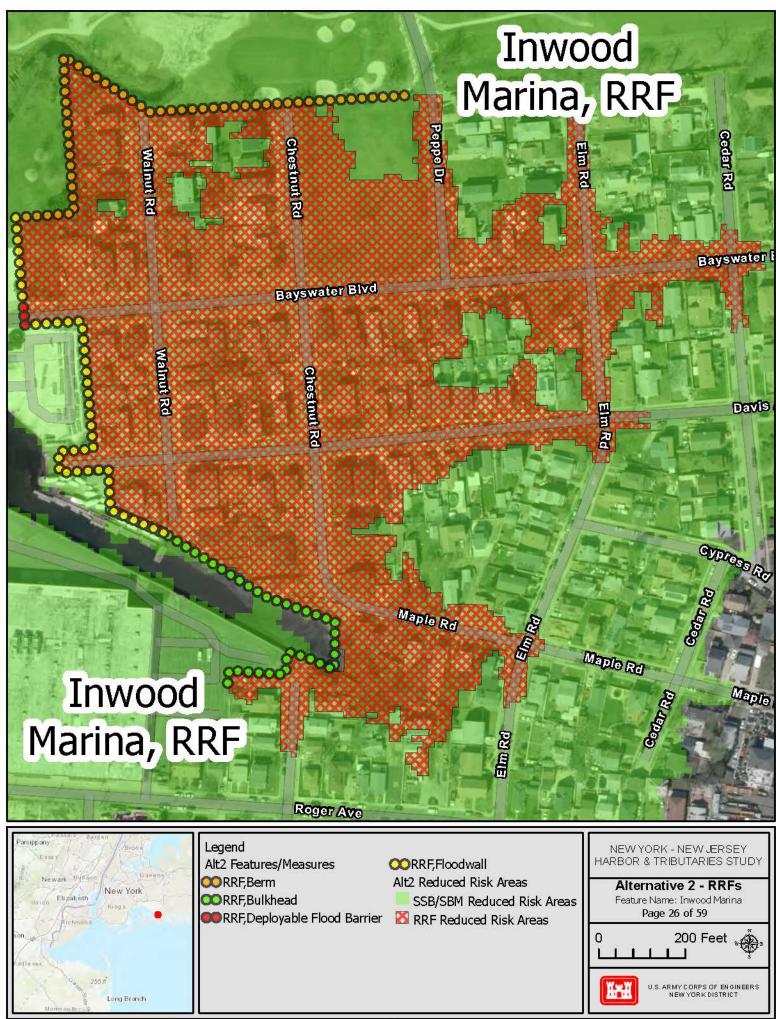


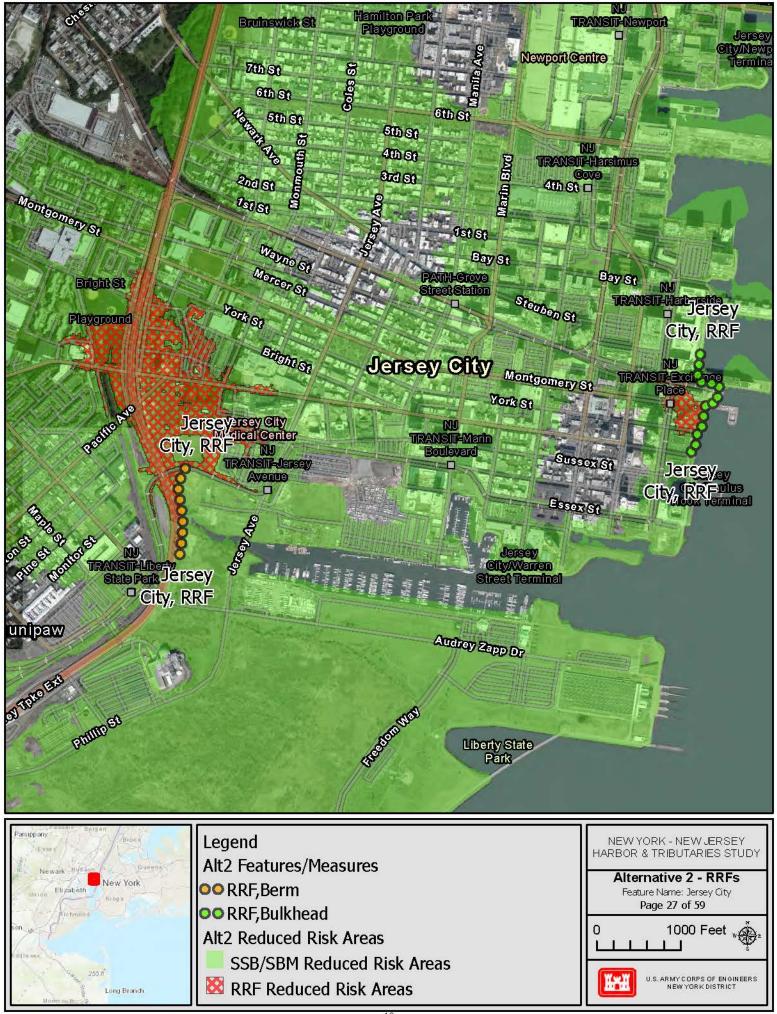




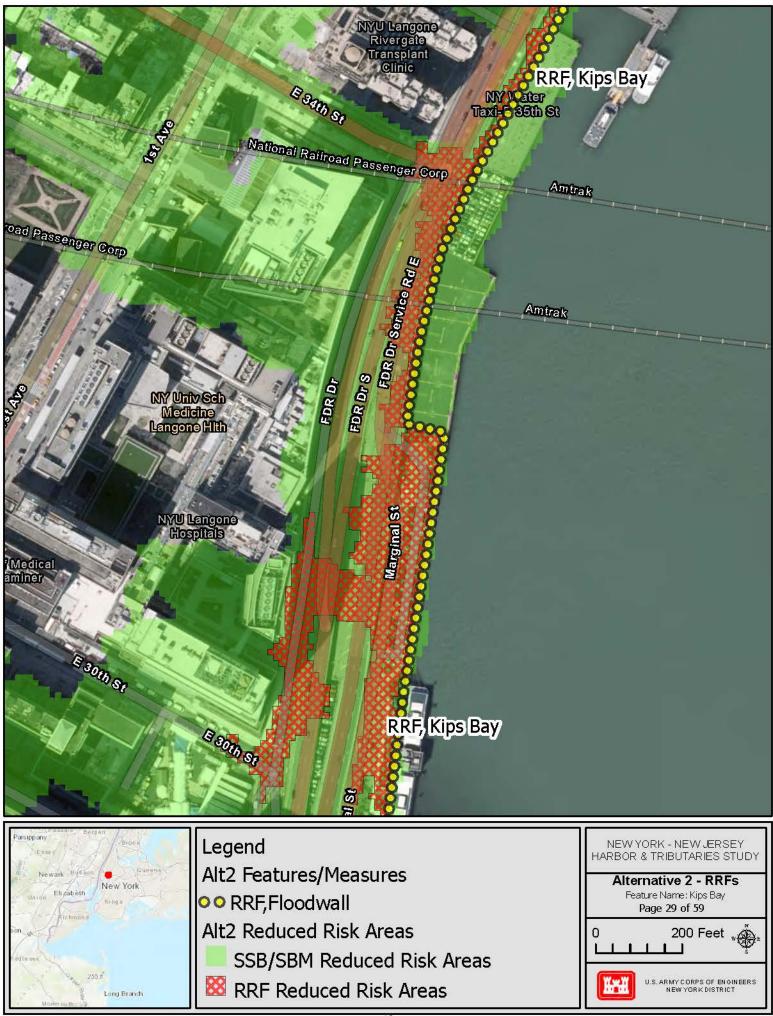


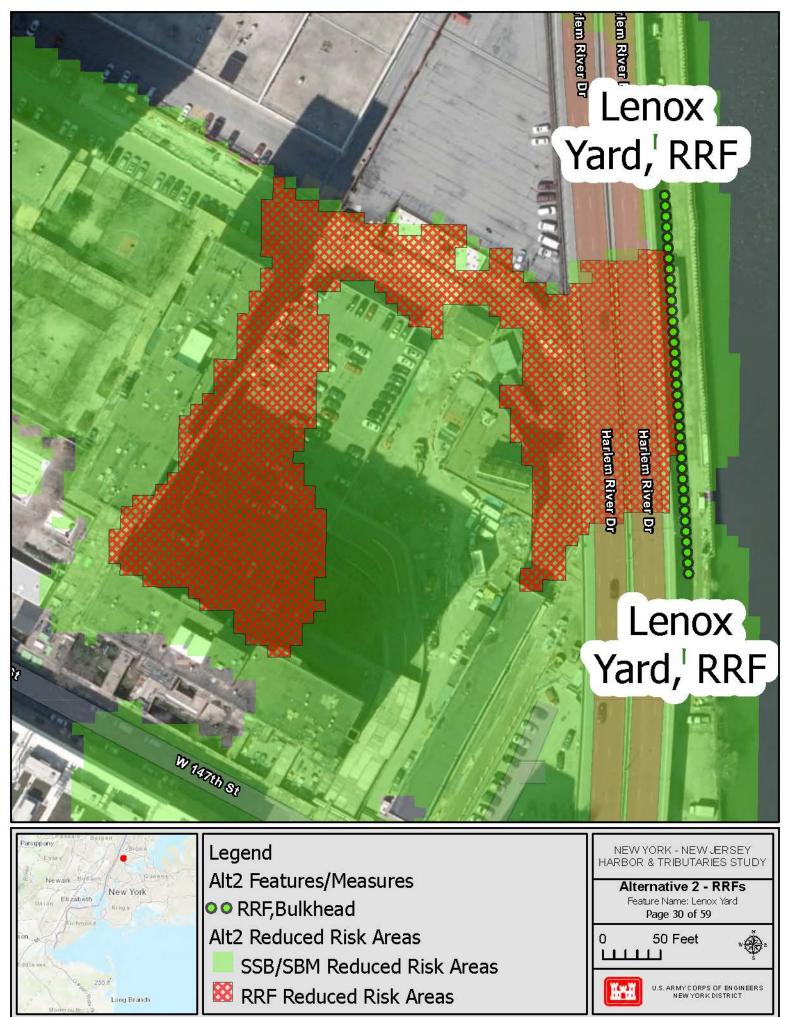














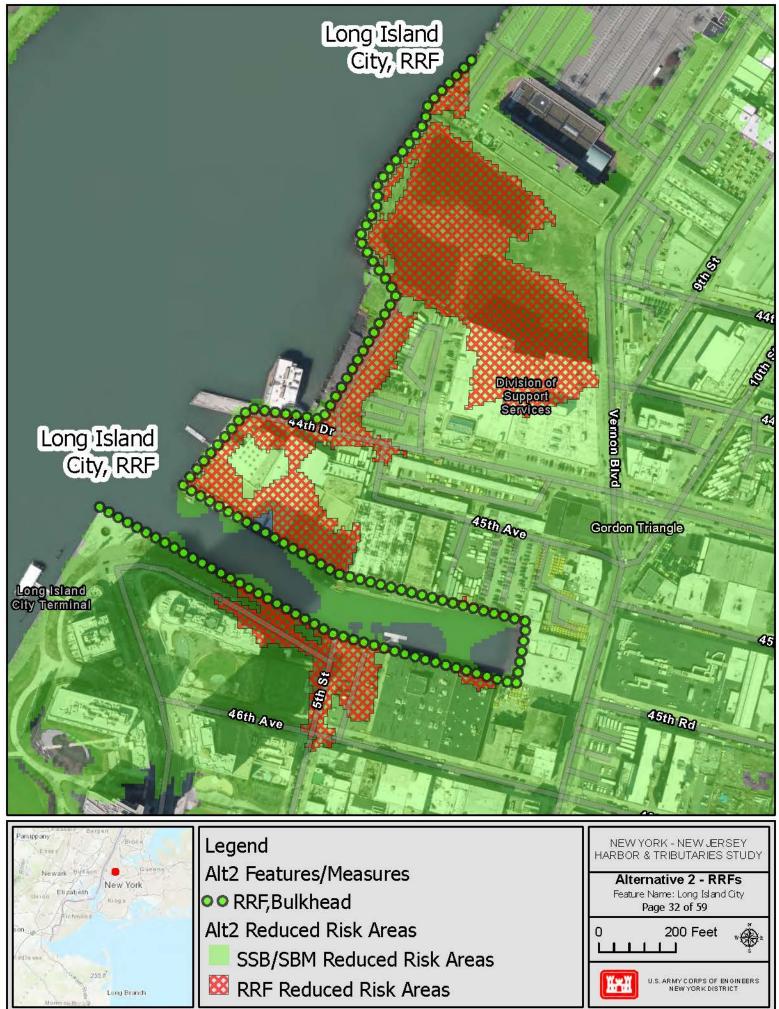
Alt2 Reduced Risk Areas

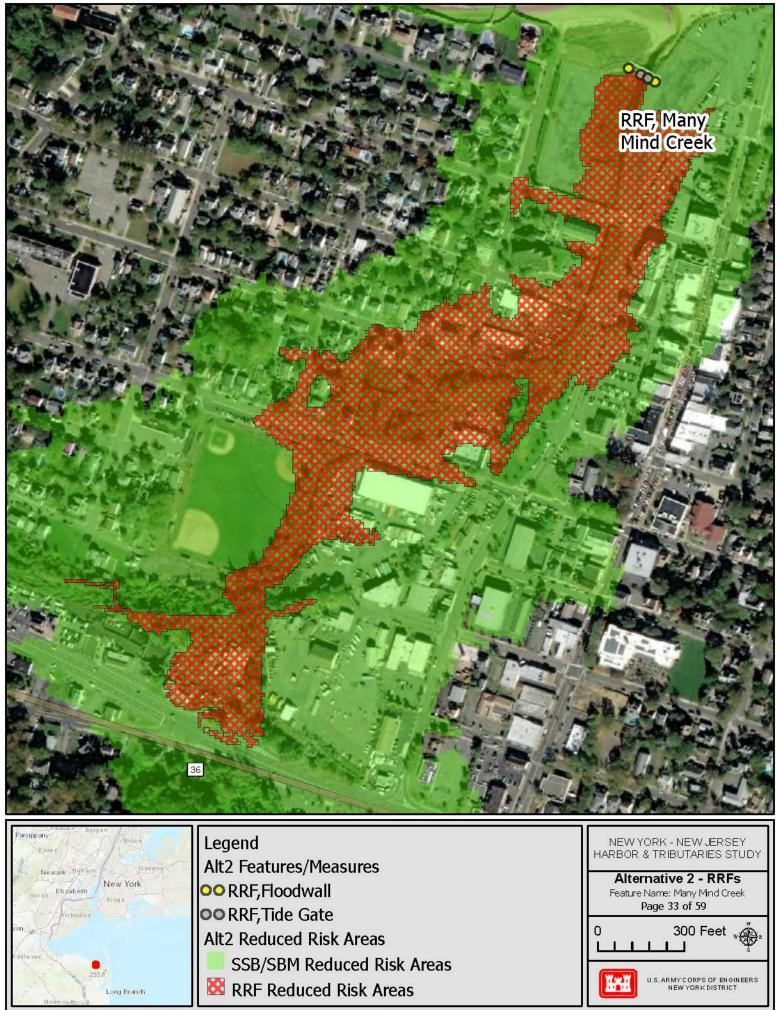
Long Branch

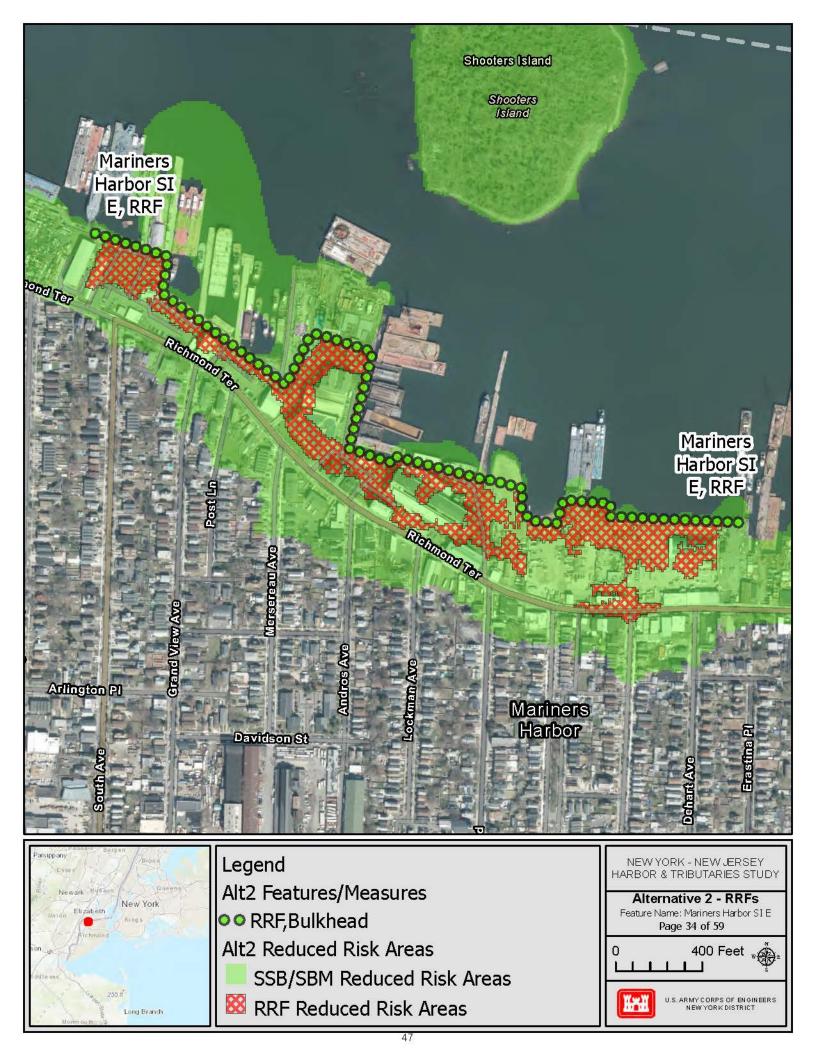
- SSB/SBM Reduced Risk Areas
- 🔀 RRF Reduced Risk Areas

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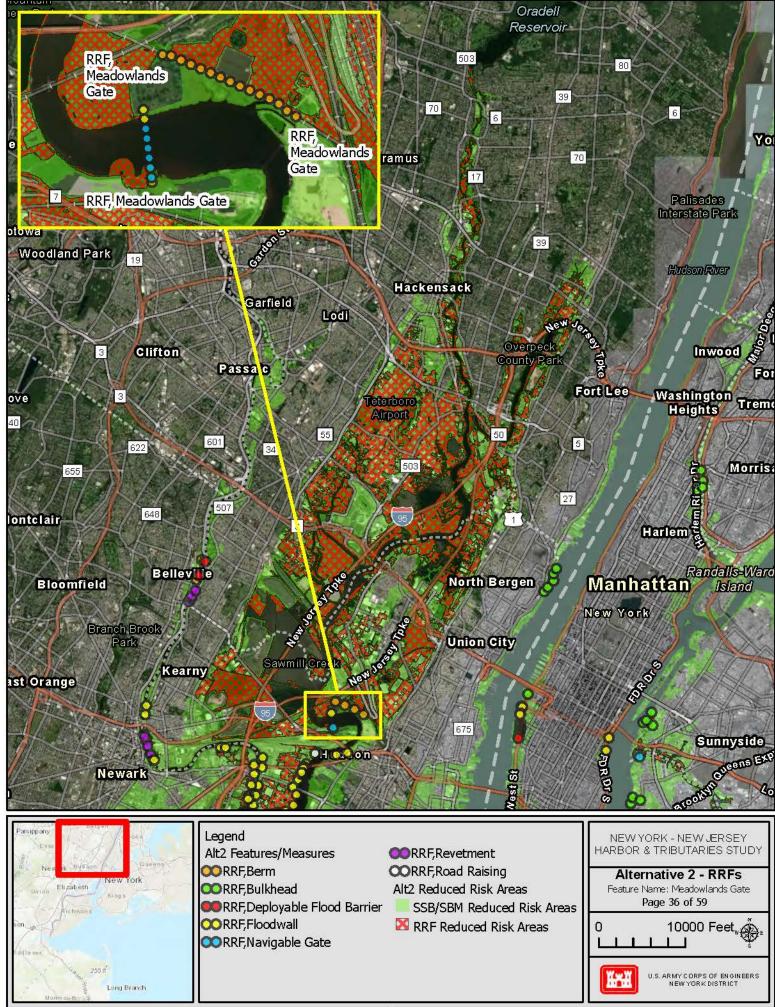




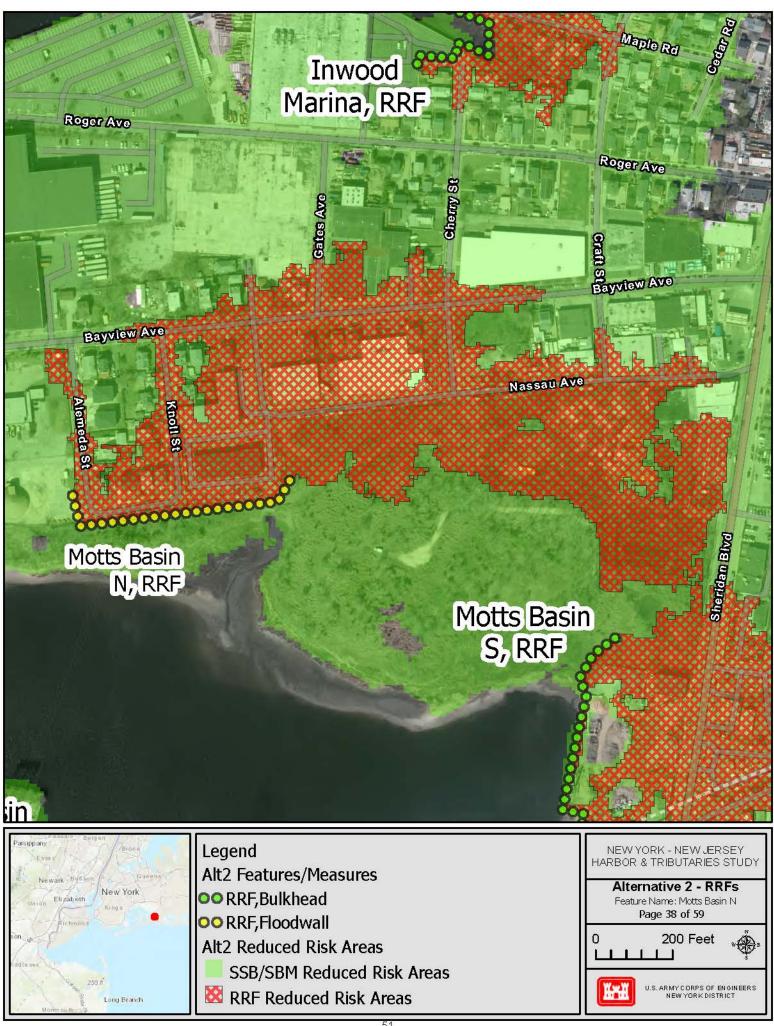


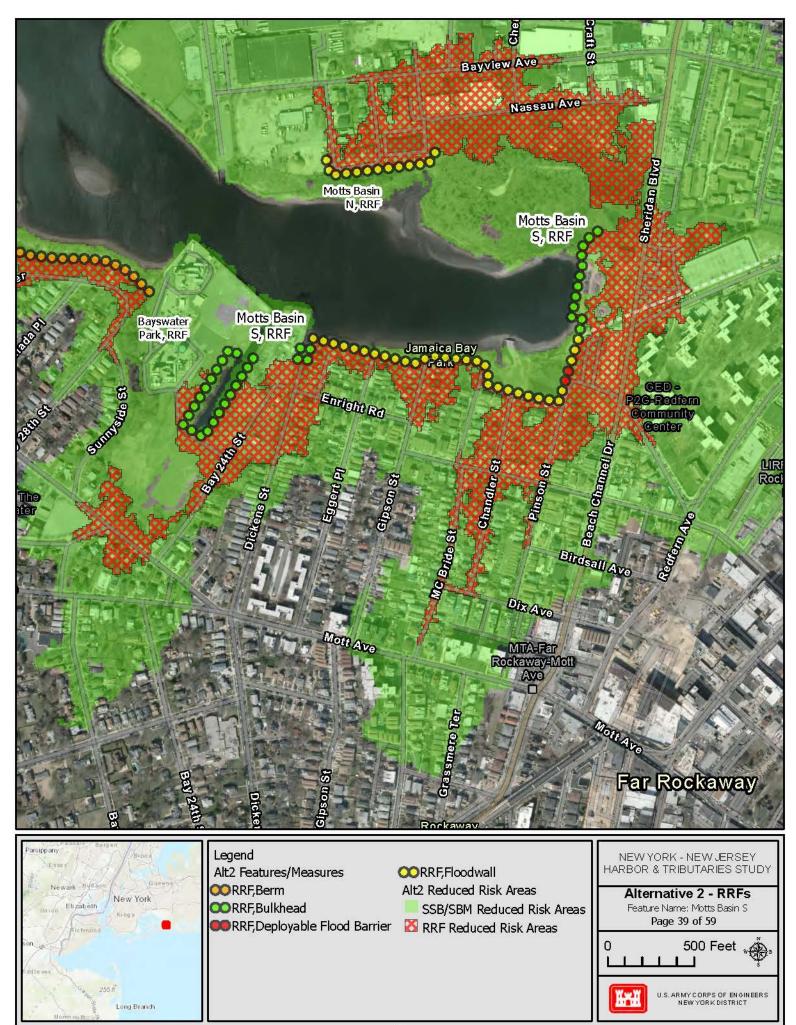
Legend Alt2 Features/Measures OO RRF,Bulkhead OO RRF,Floodwall OO RRF,Revetment Alt2 Reduced Risk Areas SSB/SBM Reduced Risk Areas RRF Reduced Risk Areas

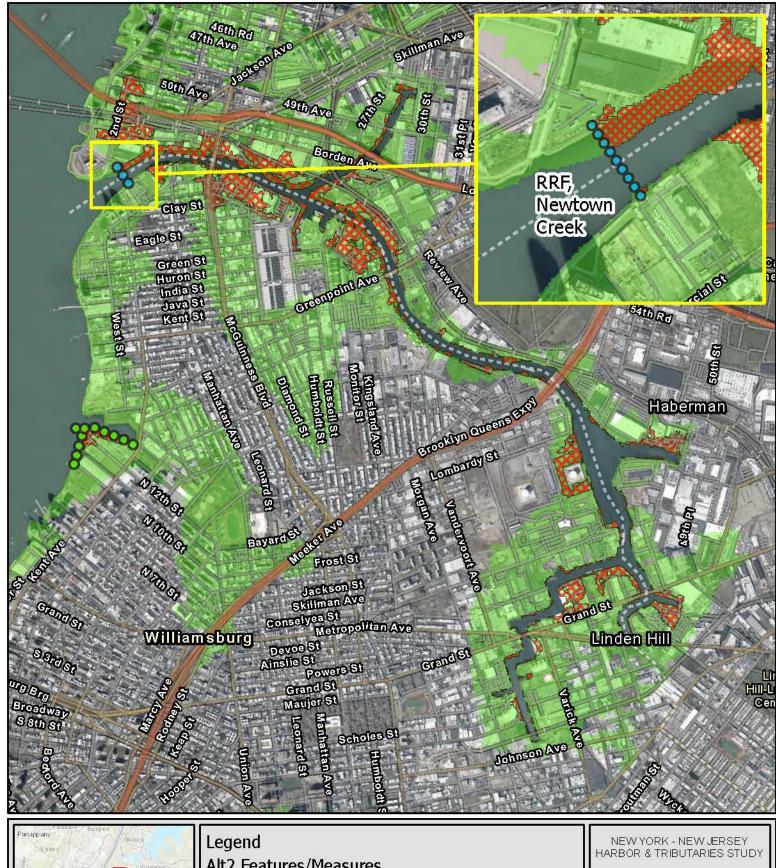














 Legend
 New YORK - New JERSEY

 Alt2 Features/Measures
 HARBOR & TRIBUTARIES STUDY

 O RRF,Bulkhead
 Alternative 2 - RRFs

 Feature Name: Newtown Creek
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 O 2000 Feet
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 Alt2 Reduced Risk Areas
 0

 SSB/SBM Reduced Risk Areas
 U.S.ARMYCORPS OF ENGINEERS

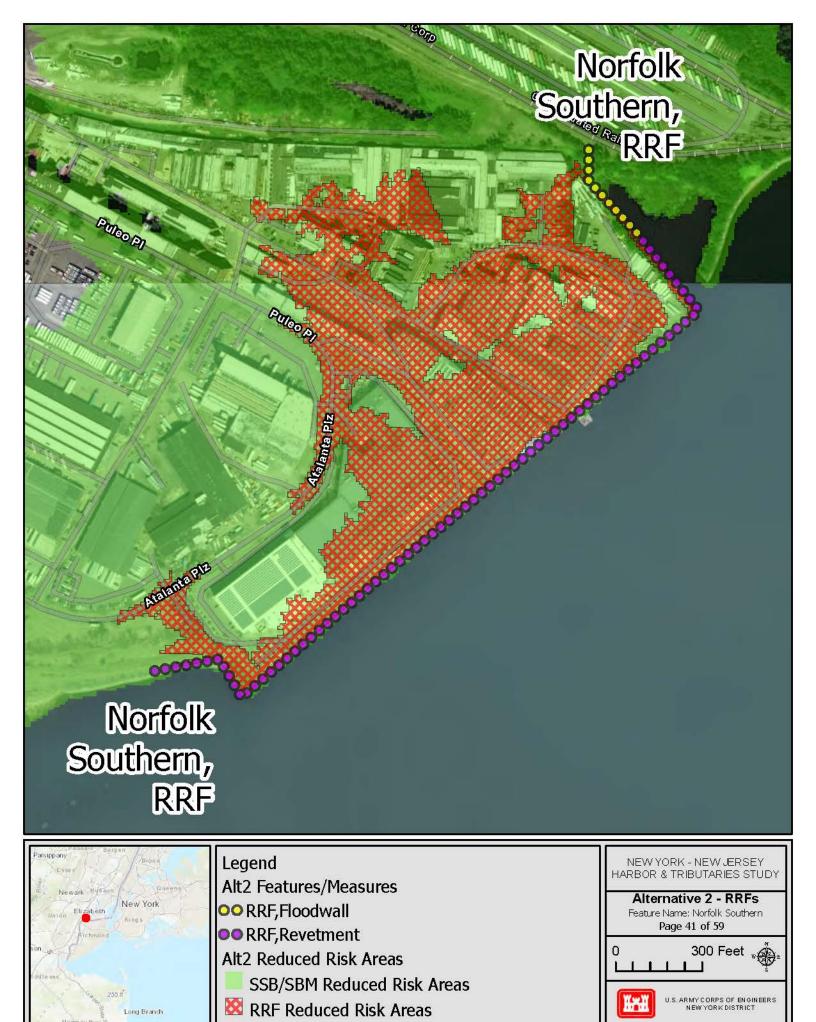
 New YORK - NEW JERSEY
 HARBOR & TRIBUTARIES STUDY

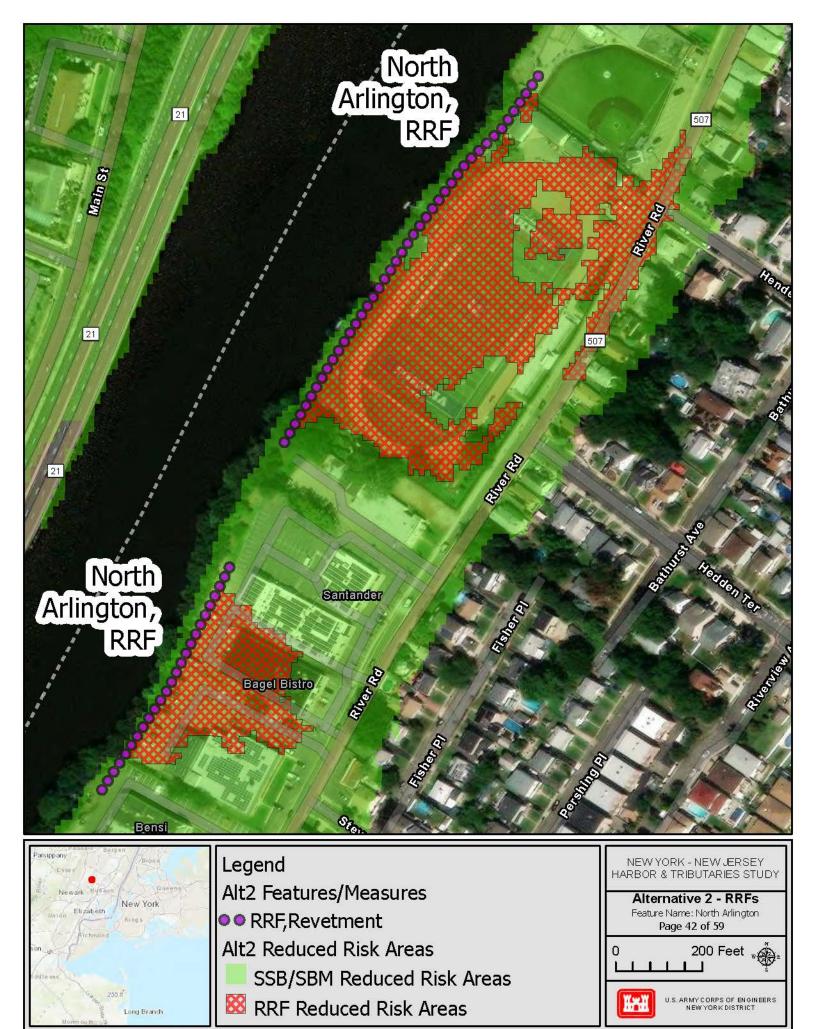
 Alternative 2 - RRFs
 Feature Name: Newtown Creek

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 SSB/SBM Reduced Risk Areas
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 New YORK - NEW YORK - NEW JERSEY
 New YORK - NEW JERSEY



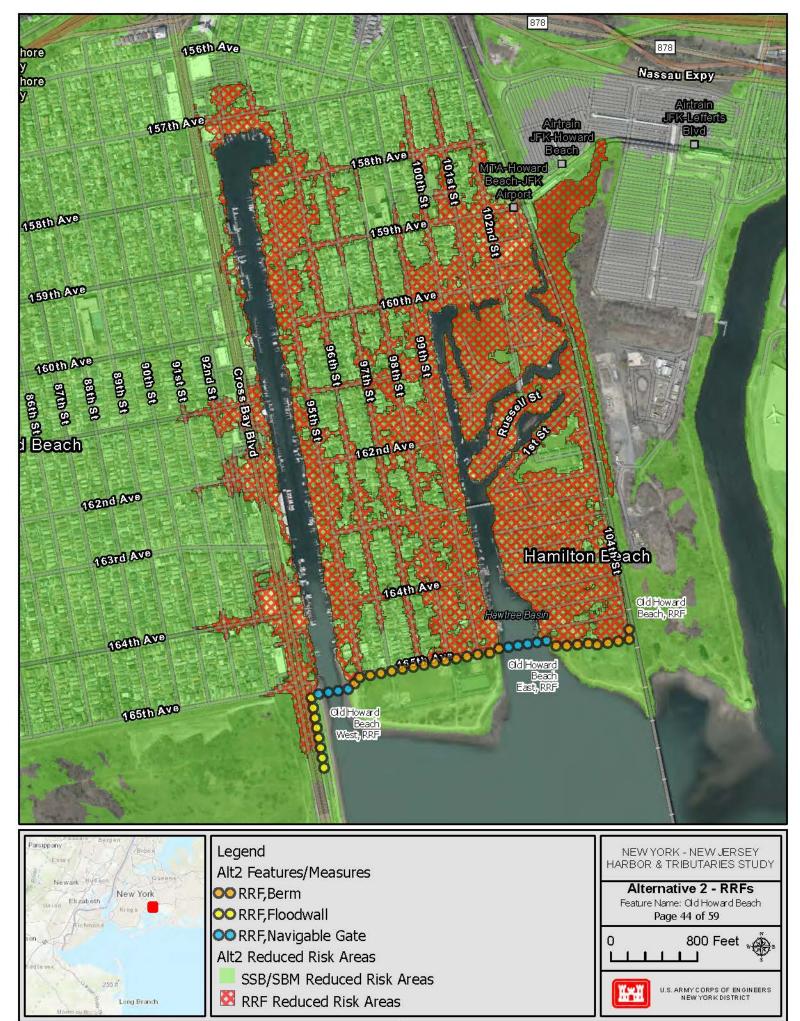






Legend Alt2 Features/Measures •• RRF,Floodwall Alt2 Reduced Risk Areas SSB/SBM Reduced Risk Areas I RRF Reduced Risk Areas





Passaic River, RRF

Pulaski Skwy

Parsippany Bronn Even Newark Ib son Union Elizabeth New York Union Flizabeth Tuchmond Son Son Long Branch

PATH

Legend

Alt2 Features/Measures RRF,Floodwall Alt2 Reduced Risk Areas SSB/SBM Reduced Risk Areas RRF Reduced Risk Areas

Passaic

River, RRF



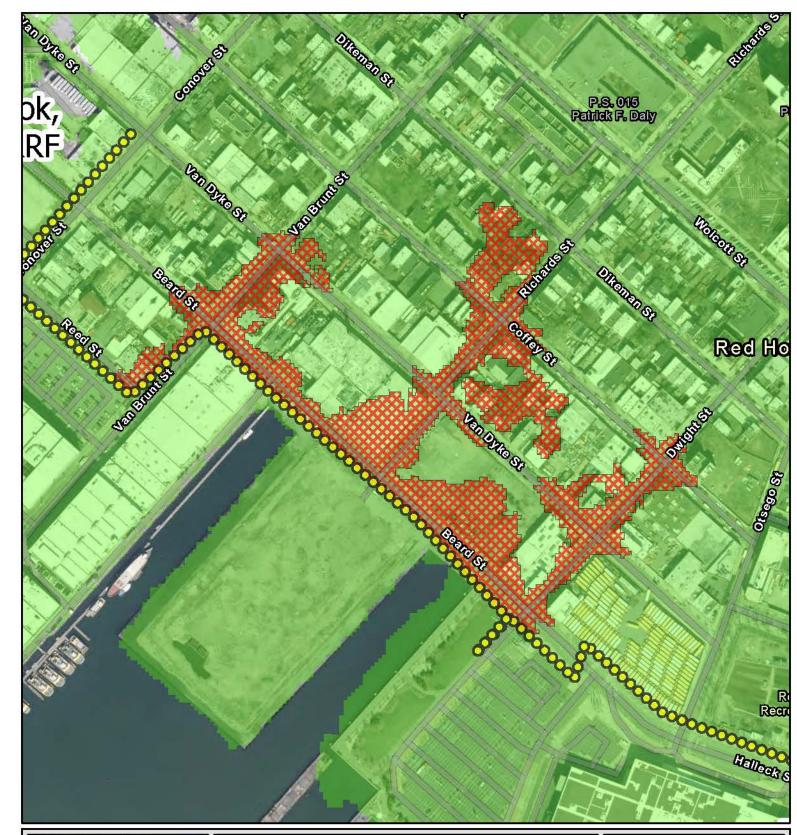
Pulaski Skwy





Legend Alt2 Features/Measures RRF,Berm RRF,Deployable Flood Barrier RRF,Floodwall Alt2 Reduced Risk Areas SSB/SBM Reduced Risk Areas RRF Reduced Risk Areas

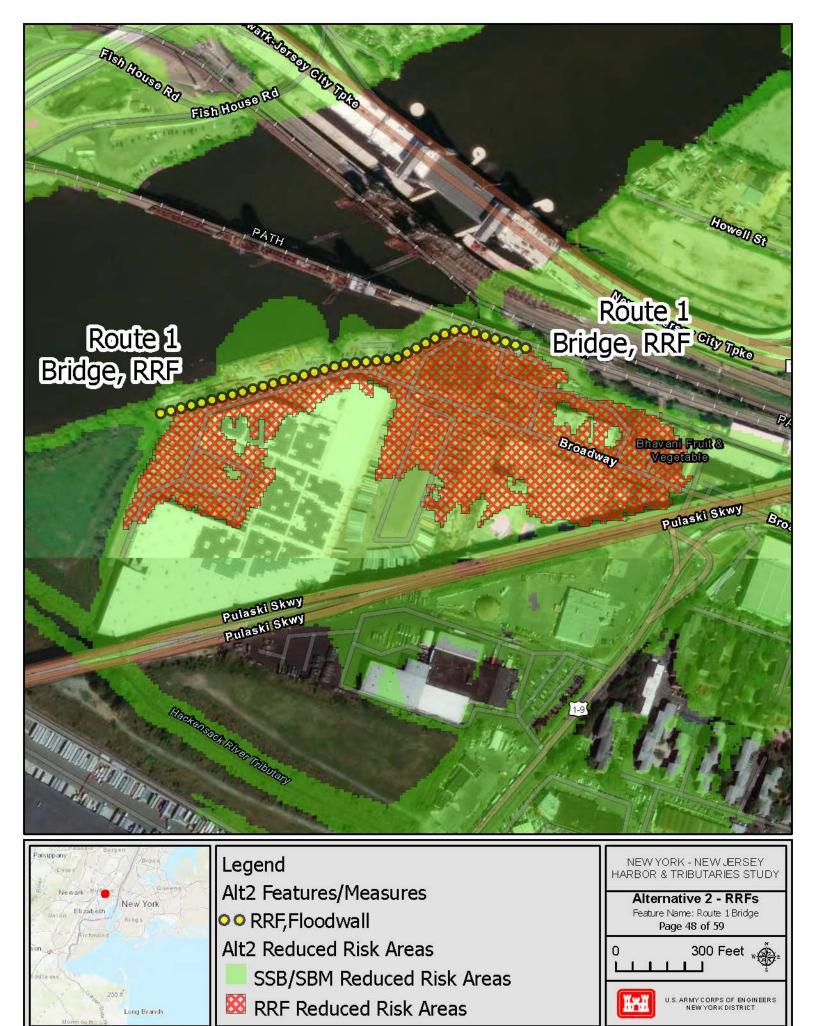


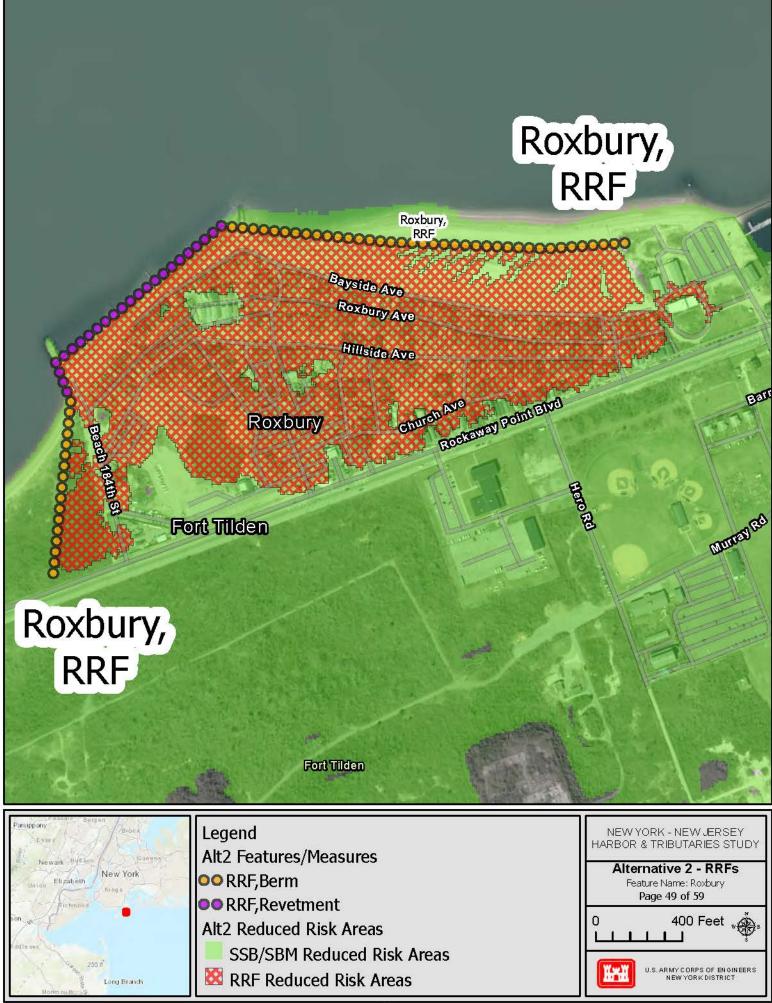


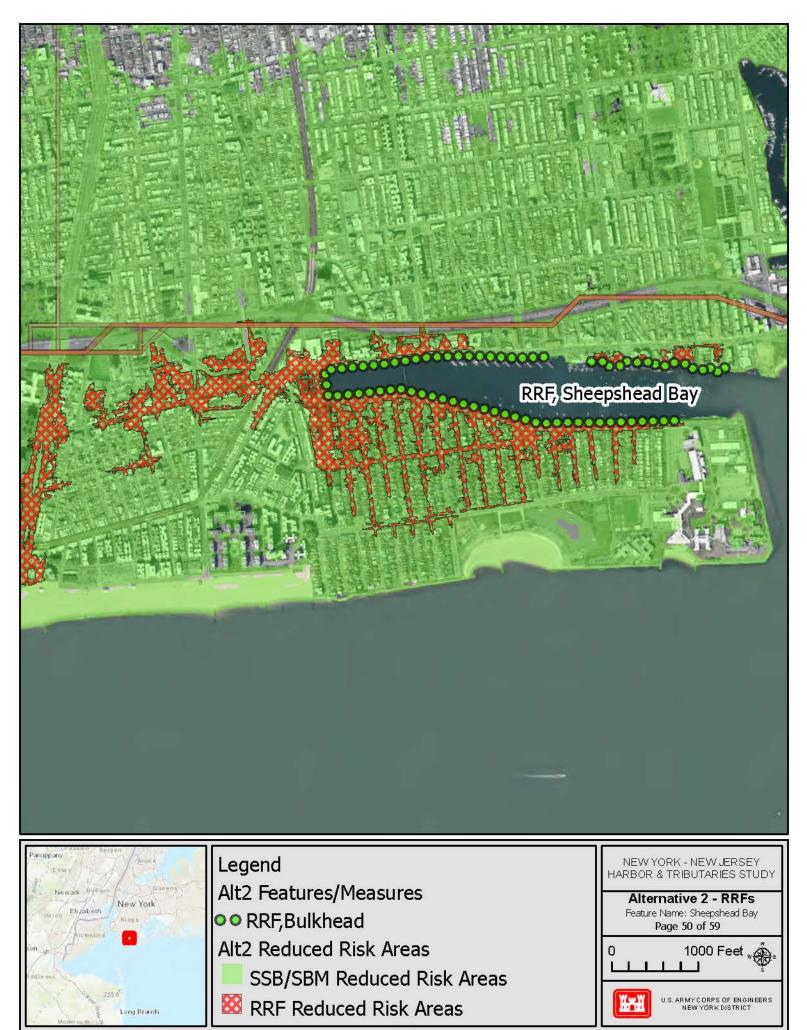


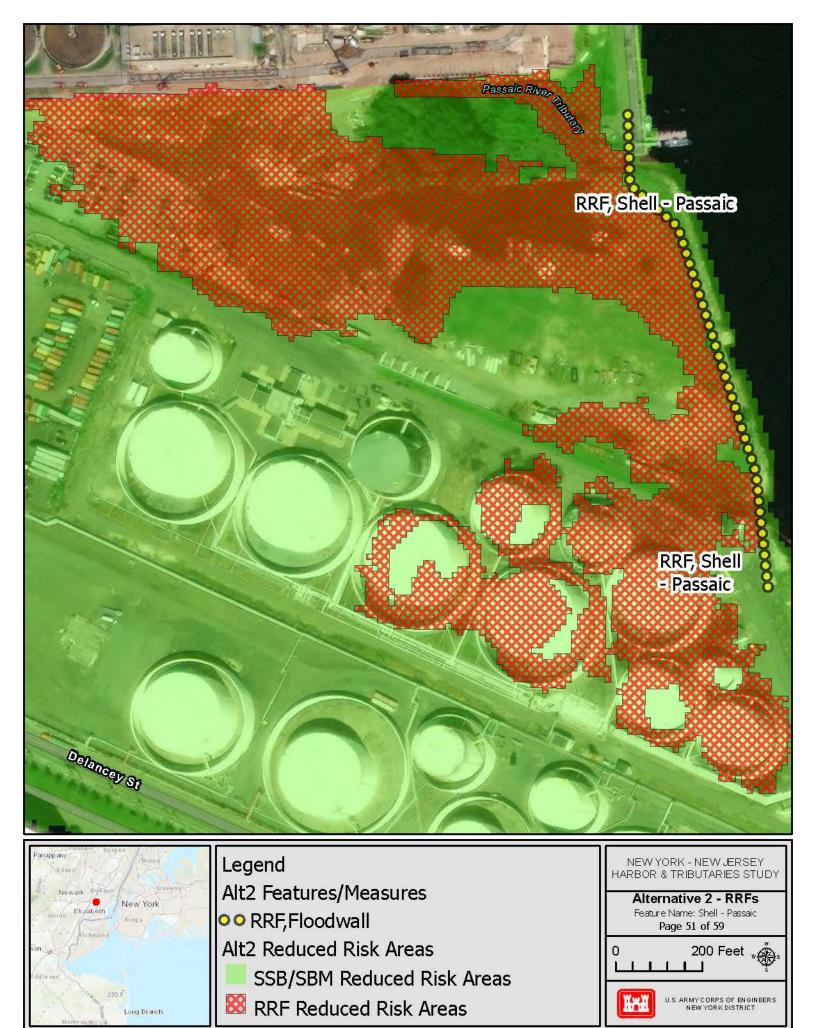
Legend Alt2 Features/Measures •• RRF,Floodwall Alt2 Reduced Risk Areas SSB/SBM Reduced Risk Areas I RRF Reduced Risk Areas

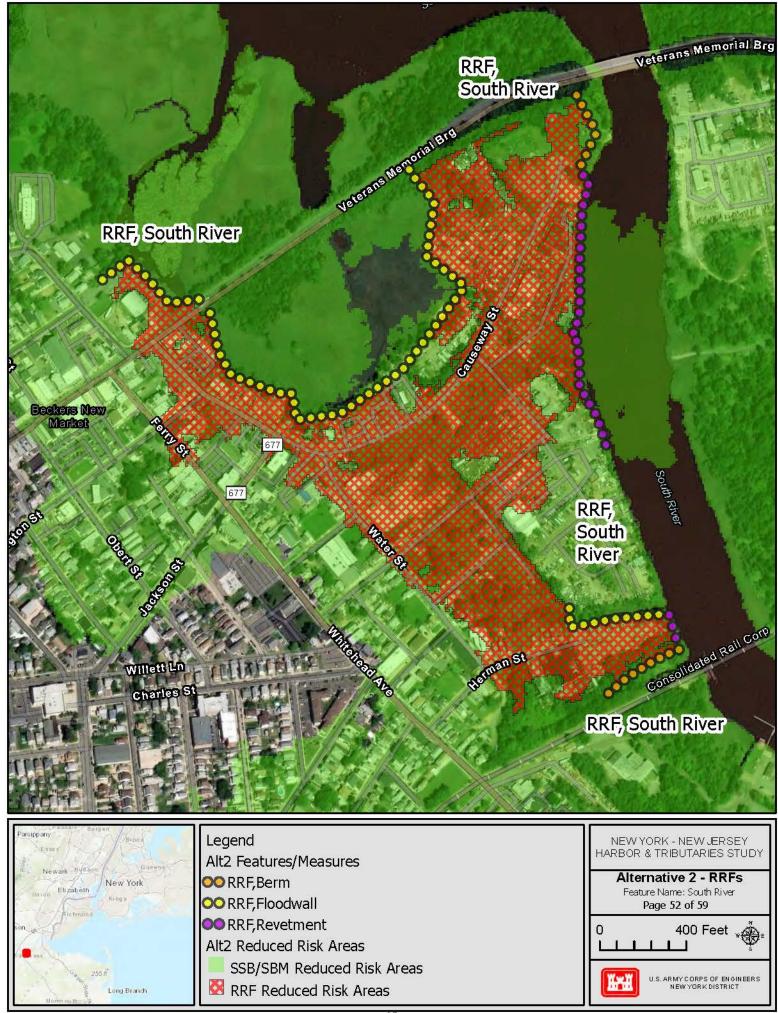






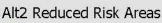












Long Branch

- SSB/SBM Reduced Risk Areas
- 🔀 RRF Reduced Risk Areas

