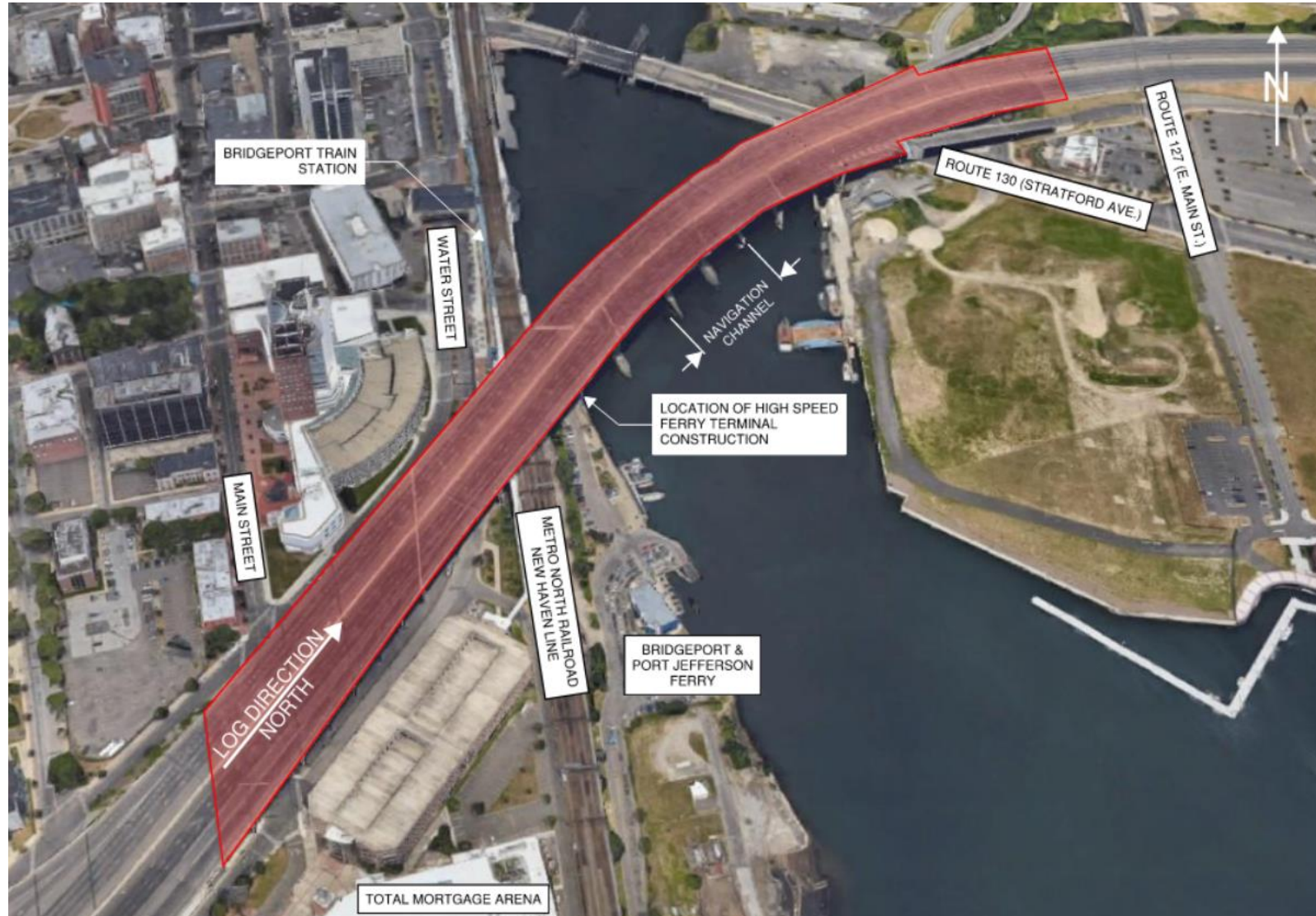


State Project No. 0015-0386 Bridge No. 00111A

I-95 over Bridgeport Harbor, Route 130 (Stratford Ave.), Metro North Railroad and Local Roads
City of Bridgeport



Aerial View



The bridge spans over:

- Bridgeport Harbor
- Route 130 (Stratford Ave.)
- Metro North Railroad
- Local roads
- High speed ferry terminal (currently in construction)
- No ROW involvement expected

Project Purpose & Need

The purpose of this project is to address observed deficiencies, maintain bridge 00111A in a state of good repair, meet current load rating standards, and extend the life of the structure while minimizing impacts to traffic on I-95 above and Bridgeport Harbor, Metro North, Route 130, and local roads below.

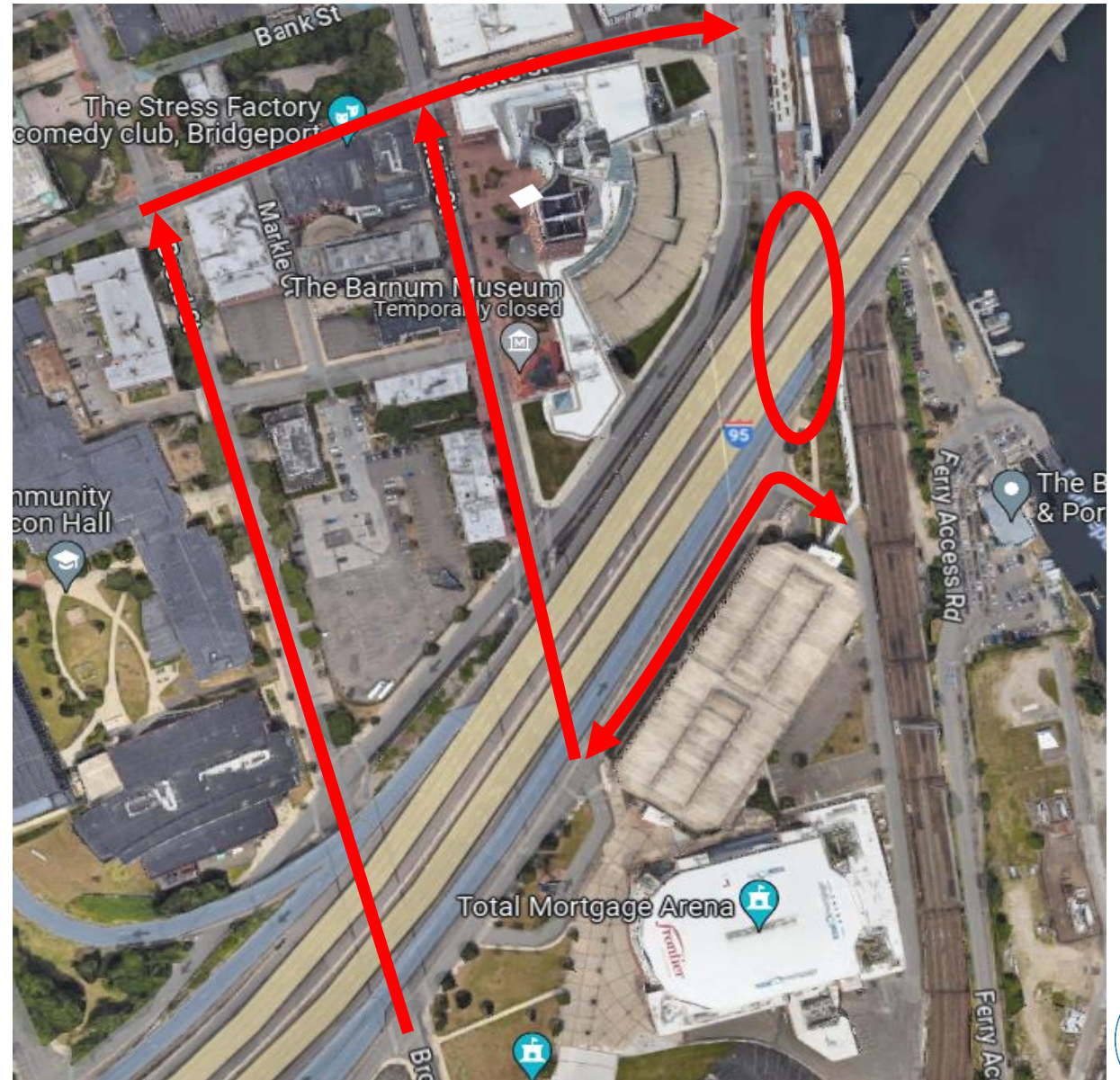
Summary of Recommendations

Bridge Rehabilitation and Fender Preservation:

- Strengthen girders and cross-frames as needed.
 - Repair steel section losses $\geq 1/16$ " deep in critical areas.
 - Field paint steel repair areas and other areas with advanced rust and/or section loss.
 - Replace loose/missing structural bolts.
 - Strip, Patch, Membrane, Overlay (SPMO)
 - Replace all joints on the bridge in kind.
 - Coat exposed reinforcing steel, deck delaminations and spalls on the underside of the concrete deck.
 - Patch spalls in parapets and repair gaps in fence over Metro North Railroad.
 - Replace missing junction box cover screws and repair damaged light poles, luminaire(s) and associated conduits.
- Drainage system rehabilitation:
 - Clean scuppers
 - Jet clean scupper pipes
 - Repair leaky weep pipes
 - Repair the fender system:
 - Fill voids in piles with non-shrink grout
 - Replace whales and planks
 - Replace deteriorated hardware
 - Patch concrete substructure:
 - Including jacking girders to repair undermined bearings.
 - Repair erosion along substructure units on land.

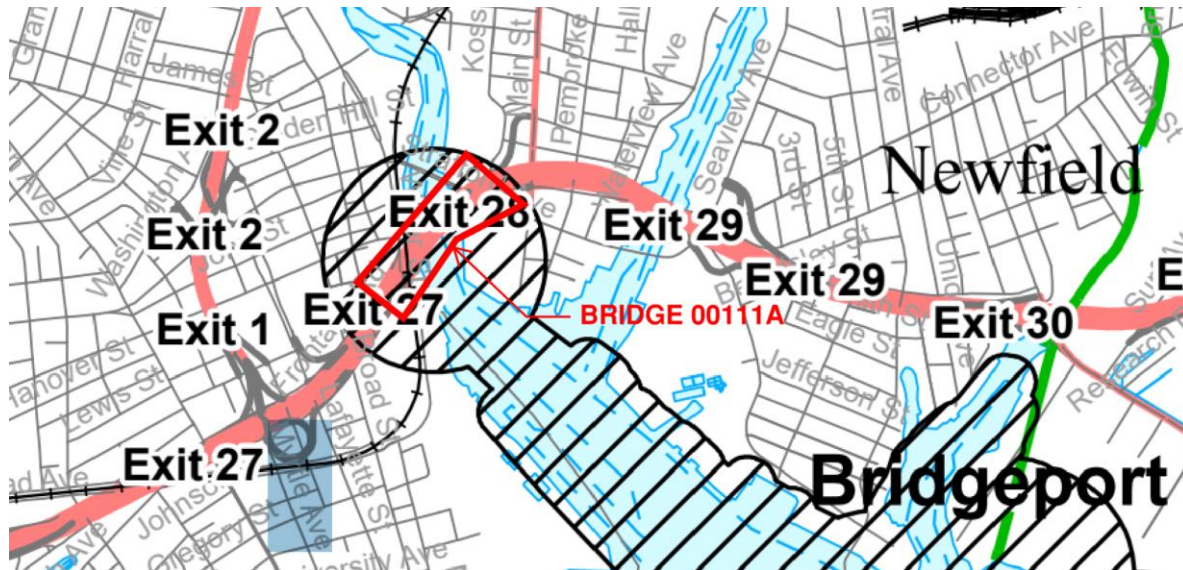
Maintenance & Protection of Traffic

- Three (3) lanes of through traffic and one (1) lane of ramp traffic during peak hours
- Underside work on the bridge requires temporary lane closures on local roads, partial parking area closures and pedestrian access restrictions.
 - Possible detour from South Frontage Road / Water Street
- Coordination will be required with Metro North Railroad to minimize or avoid outages
- Coordination will be required with the Coast Guard due to work in the navigation channel



Environmental Permits & Requirements

- Multiple Environmental Permits anticipated.
- Hazardous Material Investigation Underway
- Bridge located in a FEMA Flood Zone
- Bridge is located in an NDDDB Area.
- Project is not expected to result in a Project Scope Change that affects air quality code per ECPPD-2022-1.

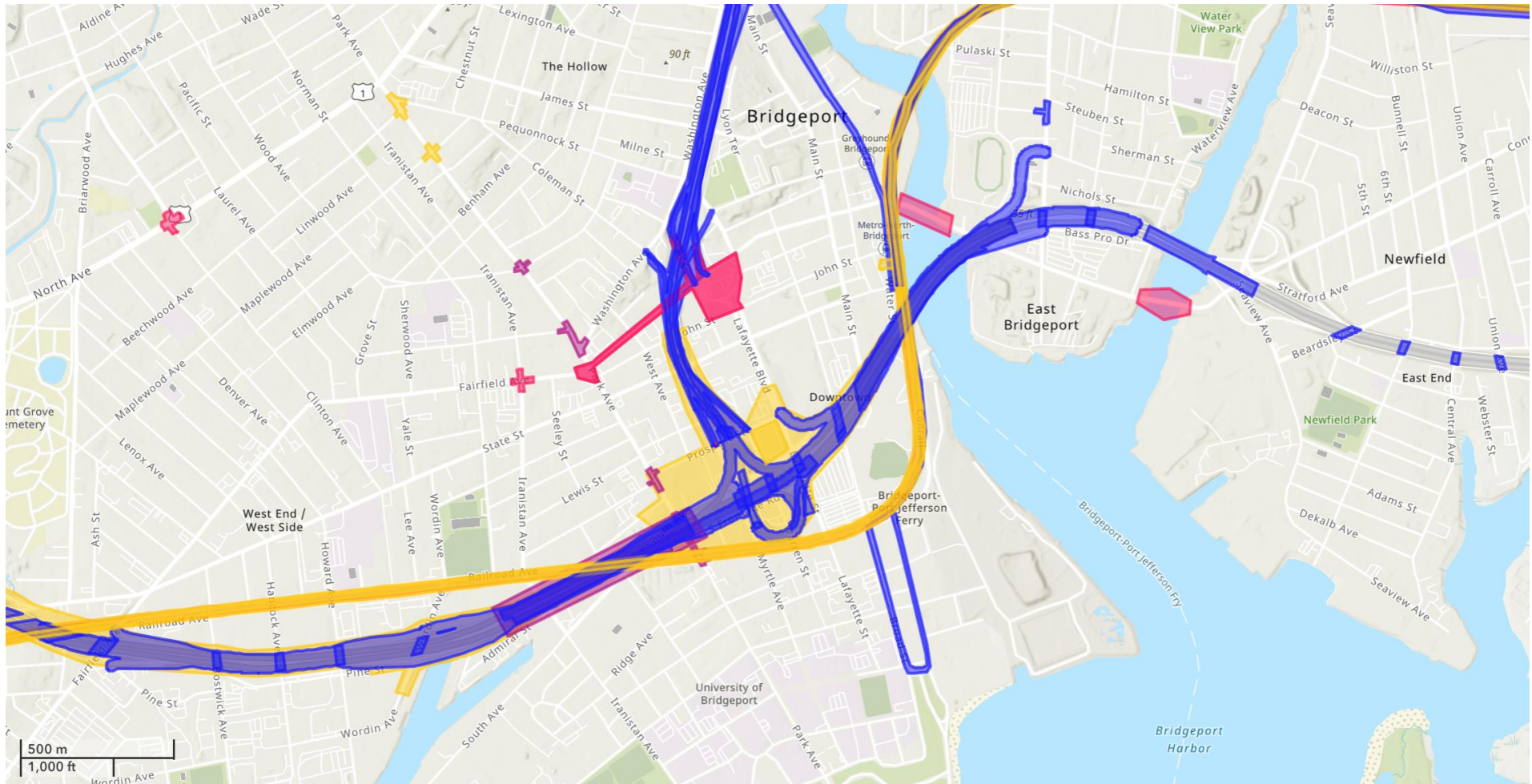


- State and Federal Listed Species
- Critical Habitat
- Town Boundary



SPECIAL FLOOD HAZARD AREAS	
	Without Base Flood Elevation (BFE) Zone A, V, A99
	With BFE or Depth
	Regulatory Floodway Zone AE, AO, AH, VE, AR

Active Projects within Project's Vicinity



- 0015-0312 – Bridgeport High Speed Ferry Terminal
- 0015-0339 – Rehab Bridge 02475 (FD)
- 0015-0385 – Rehab Bridge 03637 (FD)
- 0170-5031 – I-95 Bridges Concrete Sealing