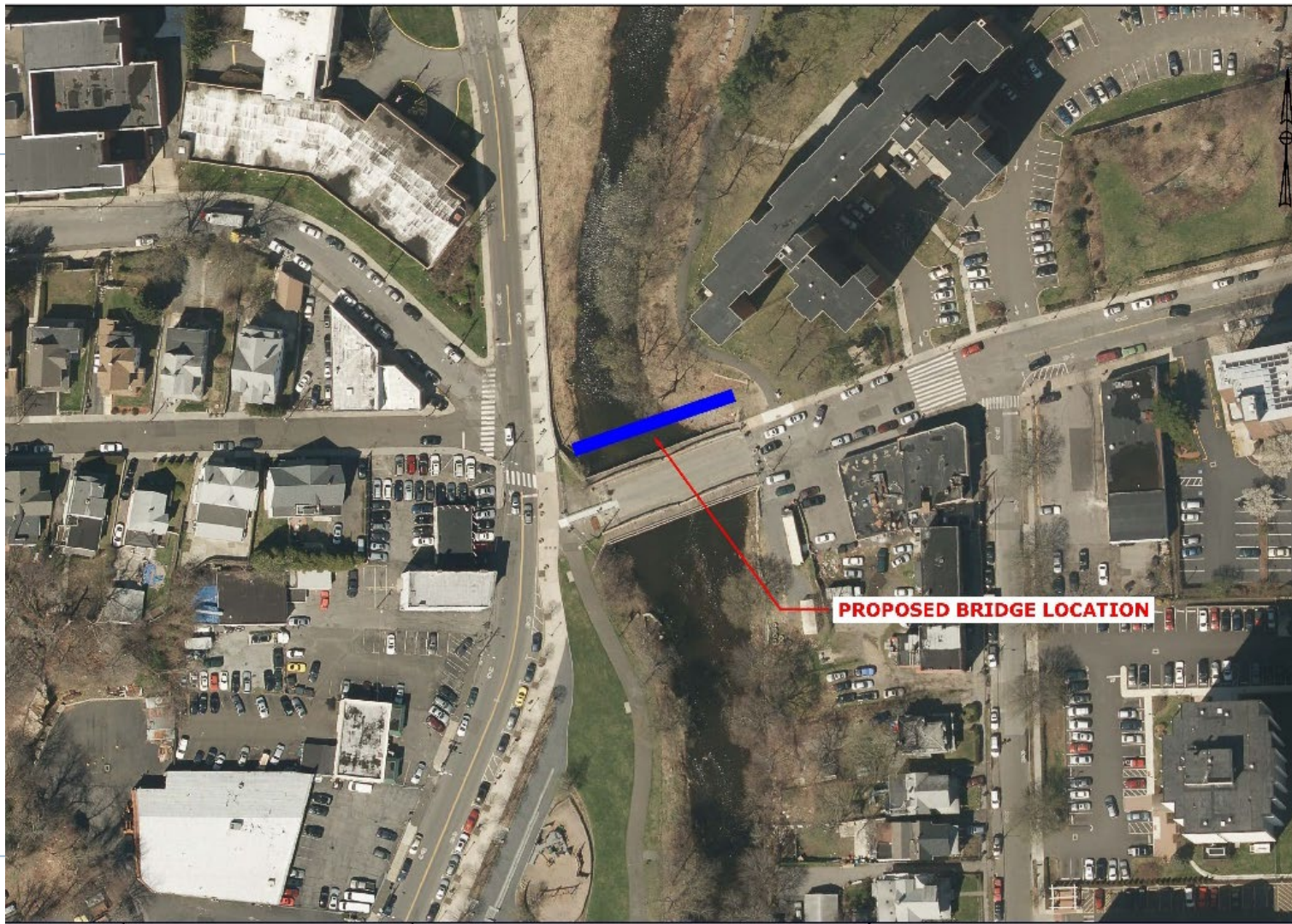




Rendering of Pre-Fabricated Pedestrian Bridge

Zoning Board Meeting on July 25, 2022 at 6:30PM

Item 6: CSPR1153 – City of Stamford, Engineering Bureau
Place new pedestrian bridge across Rippowam River, Abutments installed landward of existing walls at edge of river. Ramps will connect proposed bridge to existing sidewalks. Property is located within the CAM boundary.



PROPOSED BRIDGE LOCATION

Reasons for New Bridge

Based on 3/2022 inspection report note the following



Reasons for Replacement (Cont.)

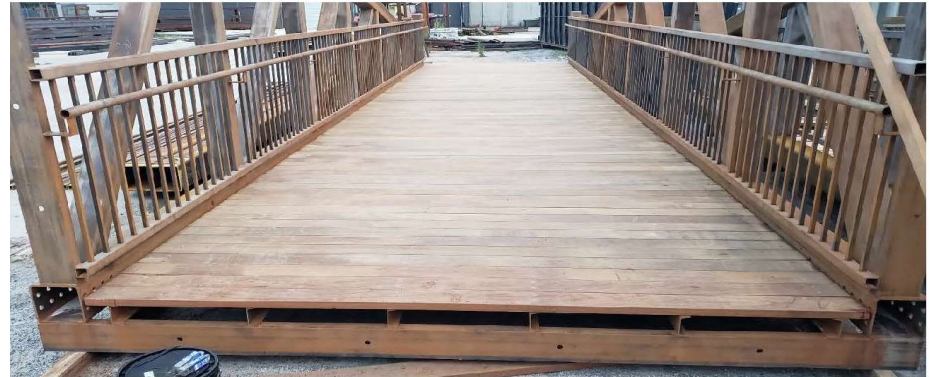
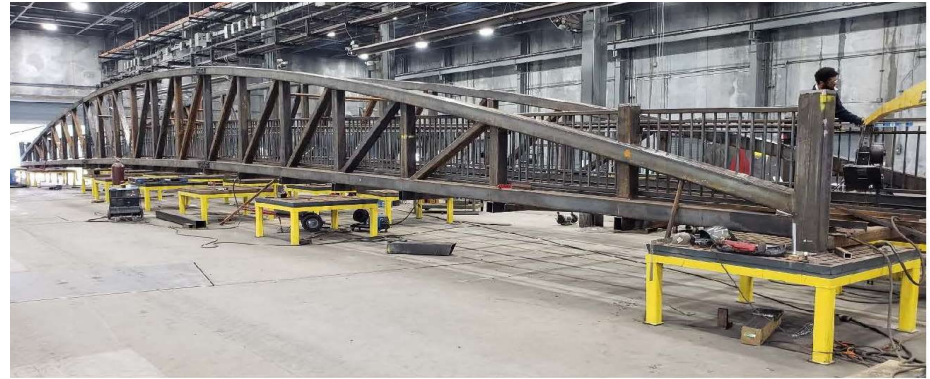
Deck and Floor Beam
failure: Looking Up



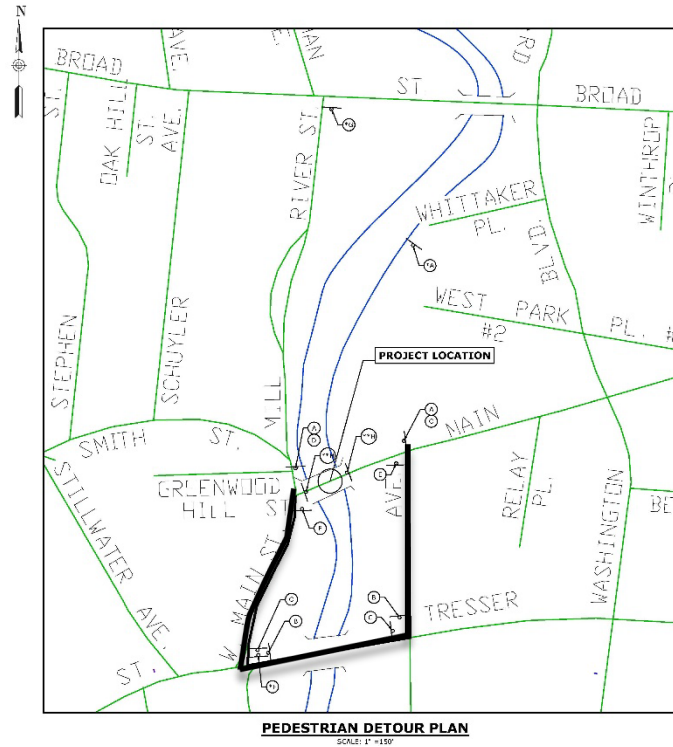
West Abutment and
Center Pier Failure



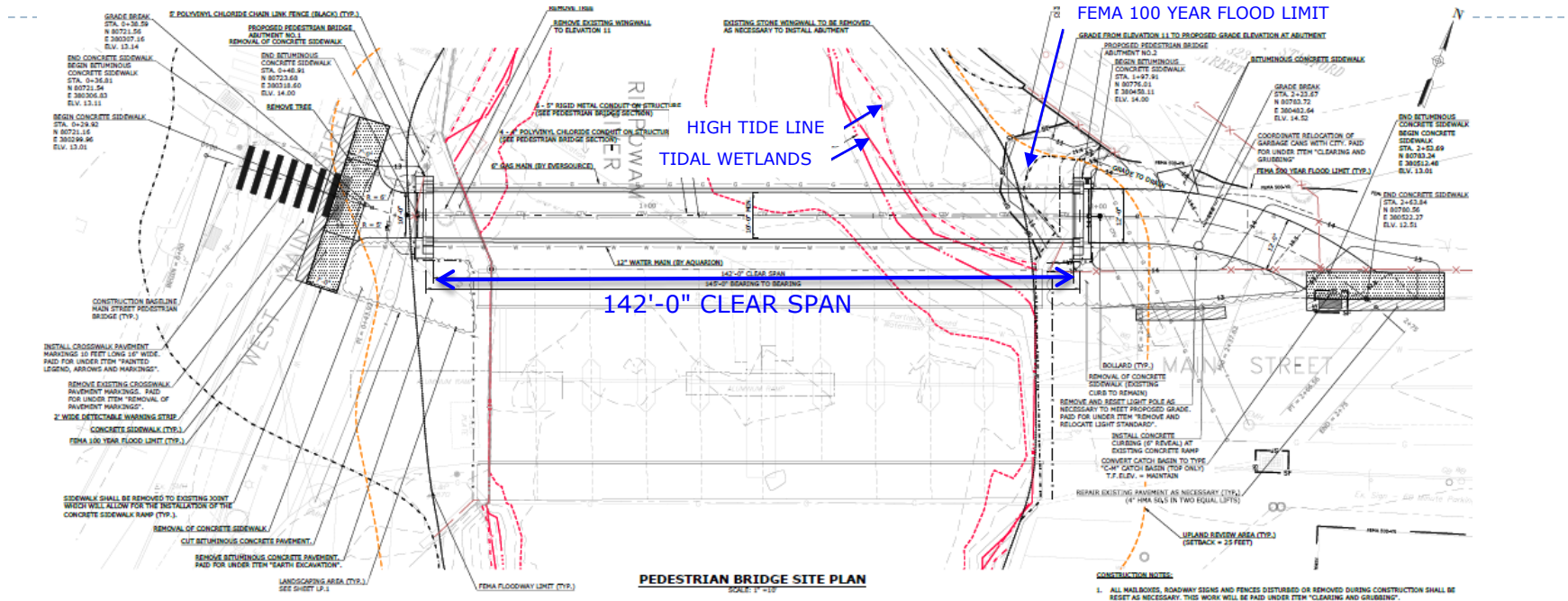
Bowstring Truss Bridge



Detour Plan



Cross Section



- Abutments are landward of Tidal Wetlands, C.G.L. and high tide.
- Bridge has a clear span of 142 feet. With no piers in the water.
- The engineer of record has stated, "The hydraulic analyses indicate that for the 100-year flow rate, the water surface profile for the proposed condition will have 0.0 - foot increase, in comparison to existing conditions."

Permits Obtained by Dates

- ▶ July 19, 2022 - CSPR SHMC No. 1153
- ▶ July 1, 2022 –DEEP License 202200500-SDFTWQ
- ▶ January 20, 2022 - EPB Permit No. 2021-18
- ▶ October 26, 2021–ACOE No. NAE-2021-02801



Prior Presentation to City Boards

- ▶ 9/28/21 – Project Update to BOR
- ▶ 8/24/21 – Project Update to BOR
- ▶ 6/29/21 – Mayor Martin provided update to BOR
- ▶ 5/25/21 – Progress Update to BOR
- ▶ 7/28/20 – Progress Update to BOR
- ▶ 1/28/20 – Report Made & Held by BOR Committee 8-0-0
- ▶ 12/30/19 – BOR Review Item Held



Bid Schedule

- ▶ 6/23/2022 - Bid Advertisement
- ▶ 7/28/2022 - Bid Opening

