



Commander (dpb) First
Coast Guard District
1 South Street
Battery Park Building
New York, NY 10004-1466

August 7, 2019

PRELIMINARY PUBLIC NOTICE 1-168

The United States Coast Guard (USCG) is soliciting public comments on a proposal by the Suffolk County Department of Public Works (SCPDW) to replace the Smith Point Bridge, a movable bascule bridge, with a fixed bridge, across Narrow Bay and the Long Island Intracoastal Waterway. Over the past nine years the bridge opened on average approximately 450-500 times annually. The reason for this proposal is the existing bridge does not meet current standards for geometric, structural, mechanical, or electrical design and is subject to flooding in storm events. The purpose of this project is to improve lane width, geometry and operational characteristics of the bridge, increase the bridge's load carrying capacity, and provide a safe, functional and efficient crossing that serves the needs for highway, pedestrian, cyclist, and marine traffic. The need for this proposal is to replace a structurally deficient, functionally obsolete bridge. A Coast Guard Bridge Permit application has not yet been submitted but would be required for this project.

Two feasible bridge alternatives were investigated for this project. The first was an on-line rehabilitation alternative which would include superstructure replacement and maintain the existing bascule. The bridge would maintain the same 16 foot clearance over the beginning at each abutment. The second alternative considered was an off-line fixed bridge. This is the alternative which is proposed to be constructed by the SCPDW. The new alignment is west of the existing alignment and was chosen due to the presence of more available unused country-owned land, fewer submarine utility cables to the west of the existing bridge, and its greater distance from residences.

WATERWAY AND LOCATION: Narrow Bay, mile 6.1 in the Hamlet of Shirley and Village of Mastic Beach in the town of Brookhaven, New York.

MINIMUM NAVIGATIONAL CLEARANCES:

	<u>Existing (movable)</u>	<u>Proposed (fixed)</u>
Horizontal: (normal to axis of the channel)	55 feet	55 feet
Vertical: (above MHW)	unlimited (open) 16 feet (closed)	55.6 feet

ENVIRONMENTAL CONSIDERATION:

The Federal Highway Administration is the lead federal agency for satisfying the requirements of the National Environmental Policy Act (NEPA). This project has not yet been classified under regulations implementing NEPA.

SOLICITATION OF COMMENTS:

Narrow Bay is an approximately 4 mile portion of the Long Island Intracoastal Waterway that connects Moriches Bay and Bellport Bay. The Atlantic Ocean is accessed from either Fire Island Inlet located approximately 25 miles west of Smith Point Bridge or Moriches Inlet located approximately 6.3 miles east of the bridge. Due to the p r o p o s e d f i x e d vertical height clearance of 55.6 feet, this proposal would limit vessel access for vessels requiring greater clearance.

Mariners are requested to comment on navigational access and safety issues, including the need for clearance gauges and extended nighttime navigation through the bridge.

Boat owners in the project vicinity are requested to provide information about their vessels including type of vessel, length overall, draft, beam, and height from the waterline to the highest fixed point and to appurtenant structures (e.g. tuna towers, flying bridges, fixed antennas and radar units) and whether these appurtenant structures can be disassembled, dismantled or lowered. Also provide where the vessel is primarily moored and the frequency of passage under the proposed bridge (i.e. number of times per month).

Interested parties are requested to express their views in writing on the proposed bridge project, giving sufficient detail to establish a clear understanding of their reasons for support of or opposition to the proposed work. Comments will be received at the office of the Commander (dpb), First Coast Guard District, Battery Park Building, 1 South Street, New York, NY 10004-1466 through September 6, 2019.

It is requested that this information be brought to the attention of any person having an interest in this who may not have received a copy of this public notice announcement.

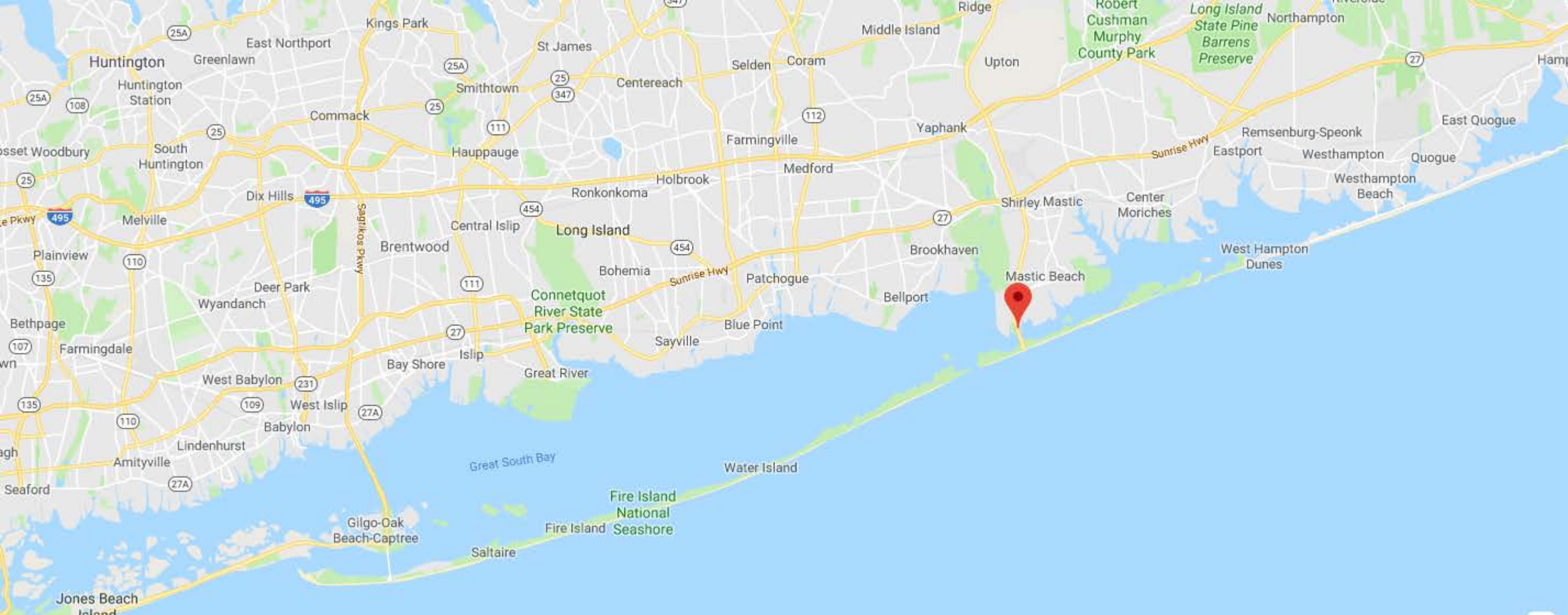
A chart excerpt and concept plans of the proposed project are included in this public notice.

FOR THE DISTRICT COMMANDER:

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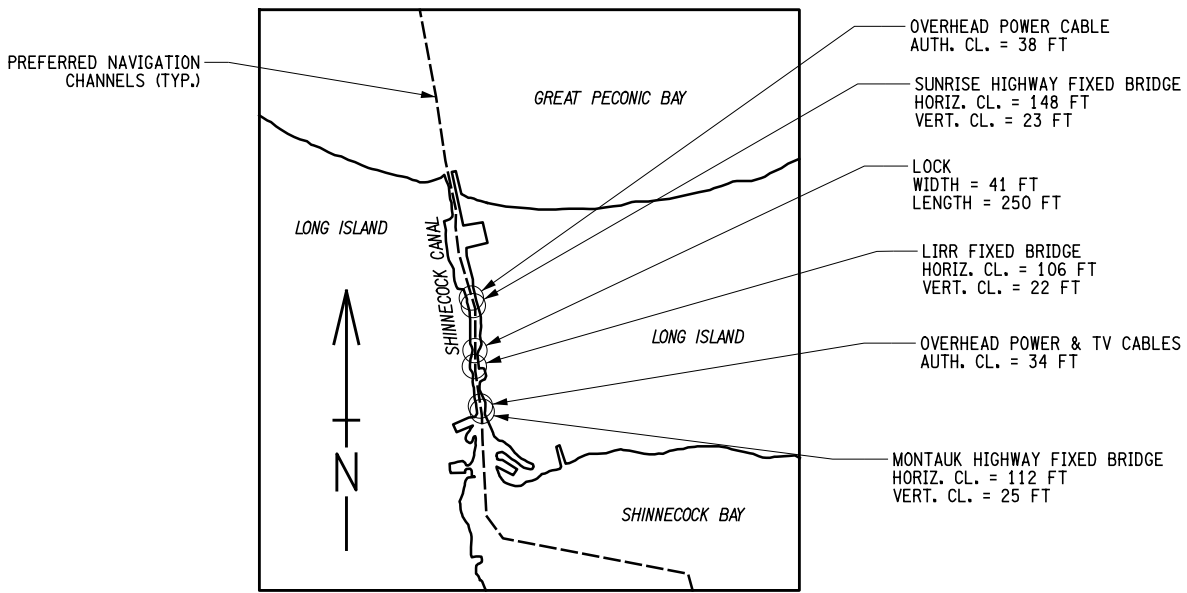
Chris Bisignano
Supervisory Bridge Management Specialist
U.S. Coast Guard
By direction

This is a web-searchable copy and is not the official, signed version; however, other than the signature being omitted, it is a duplicate of the official version.



FILE NAME = P:\02721.00\2000.Study\Misc\Reports\Navigation_Impact_Report_2019\Misc\Smith_Point_Nav
DATE/TIME = 8/31/2018 9:45:30 AM
USER = mmazur

W. HYMAN



SHINNECOCK CANAL INSET

- NOTES:
1. NAVIGATION CLEARANCES BASED ON NOAA NAUTICAL CHART NO. 12352, EDITION 33, MARCH 2011.
 2. NAVIGATION CHART 12352 DESIGNATES MORICHES INLET AS UNSAFE FOR MARINERS TO NAVIGATE AT ANY TIME DUE TO RAPIDLY CHANGING SHOALING CONDITIONS AND EXISTING DANGERS. BUOYS ARE NOT MAINTAINED AT THIS INLET. HOWEVER, THE INLET IS MAINTAINED BY SUFFOLK COUNTY AND IS CURRENTLY BEING DREDGED BY USACE.
 3. DISTANCE FROM SMITH POINT BRIDGE
TO FIRE ISLAND INLET = 31.5 MI (27.4 NM)
TO MORICHES INLET = 7.4 MI (6.4 NM)
TO SHINNECOCK INLET = 22.8 MI (19.8 NM)

SUFFOLK COUNTY DEPARTMENT OF PUBLIC WORKS

COMPARED BY: G. Bula

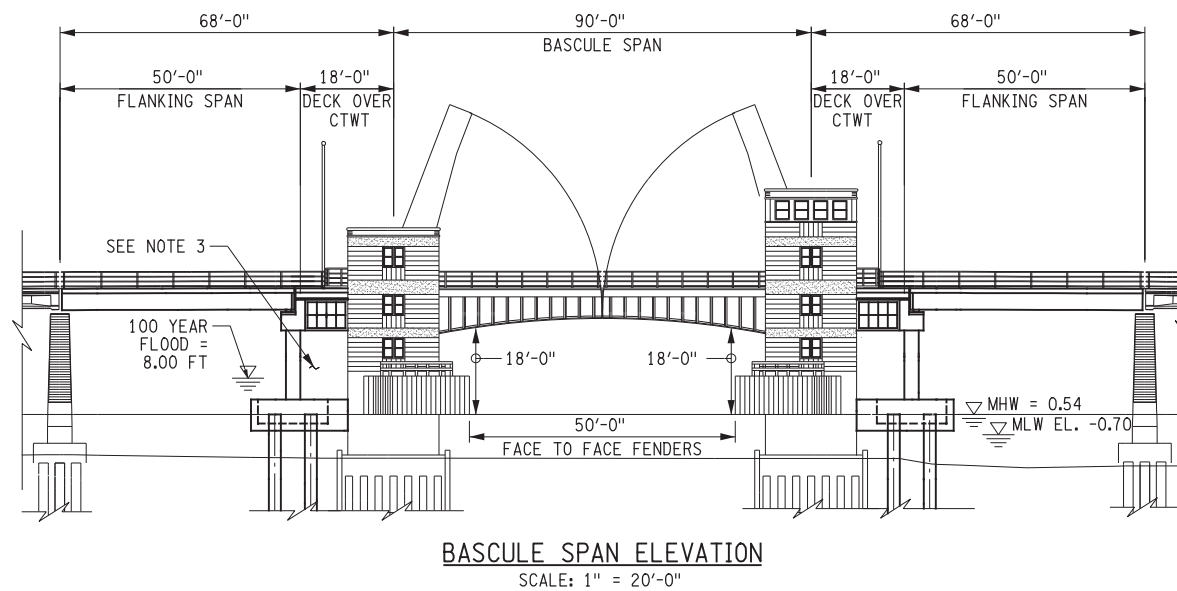
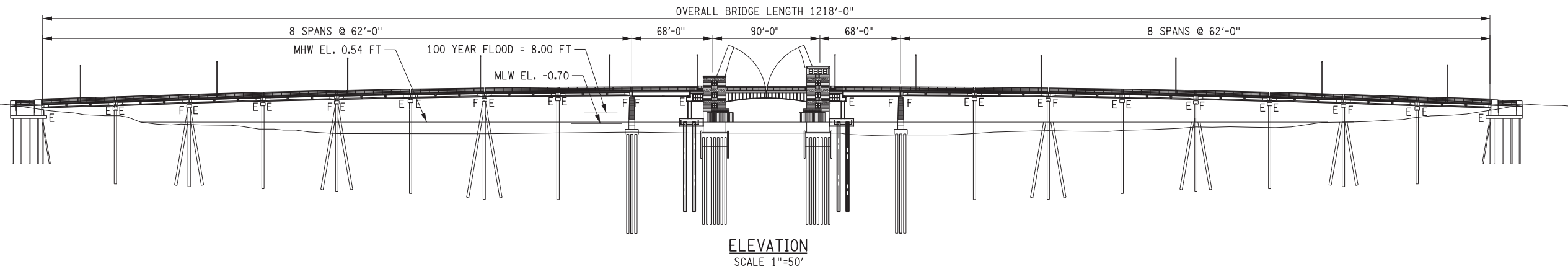
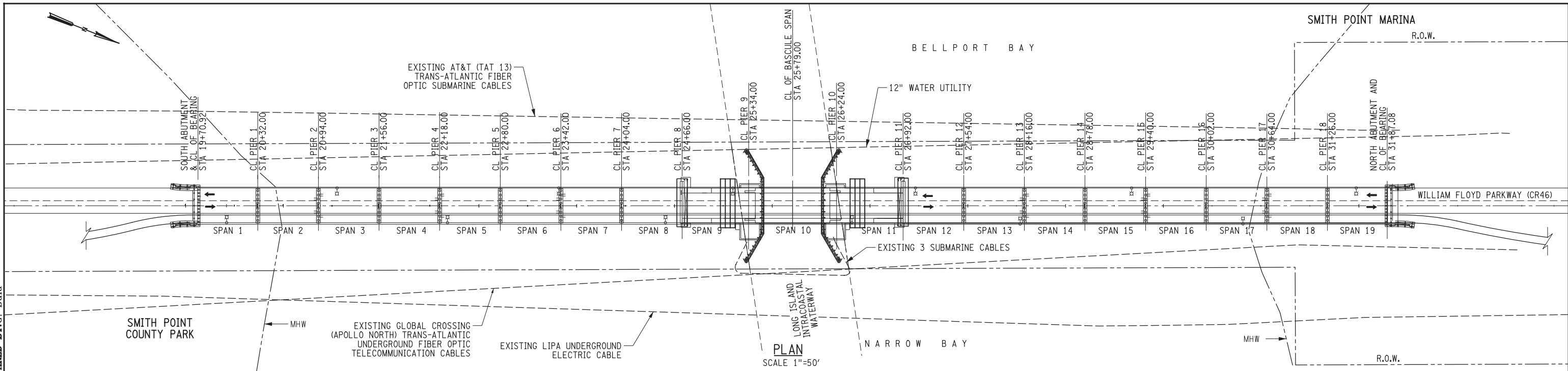
DRAWN BY: I. Headley

CHECKED BY: G. Bula

DESIGNED BY: M. Calbitaza

NOTES:

- 30 YEAR MAJOR REHABILITATION TO BE PERFORMED.
- EXISTING APPROACH SPAN PRECAST BEAMS, DECK, AND BEARINGS TO BE REPLACED.
- NEW PIER TO SUPPORT FLANKING SPAN AND NEW CURTAIN WALL PROTECTING BASCULE PIT AREA.
- NEW FLANKING SPAN AND DECK OVER COUNTERWEIGHT.
- PROVIDE FULL REPLACEMENT OF BASCULE SPAN AND TRUNNION TOWERS INCLUDING MACHINERY AND ELECTRICAL SYSTEMS.



COUNTY OF SUFFOLK DEPARTMENT OF PUBLIC WORKS YAPHANK, NEW YORK GILBERT ANDERSON, P.E. — COMMISSIONER		
SMITH POINT BRIDGE		
ALTERNATIVE 1 — REHABILITATION PLAN & ELEVATION		
PROJECT NO. CP5838	SCALE AS NOTED	SHEET NO. A3-1

SYMBOL	DESCRIPTION	APPROVED	DATE
R E V I S I O N S			

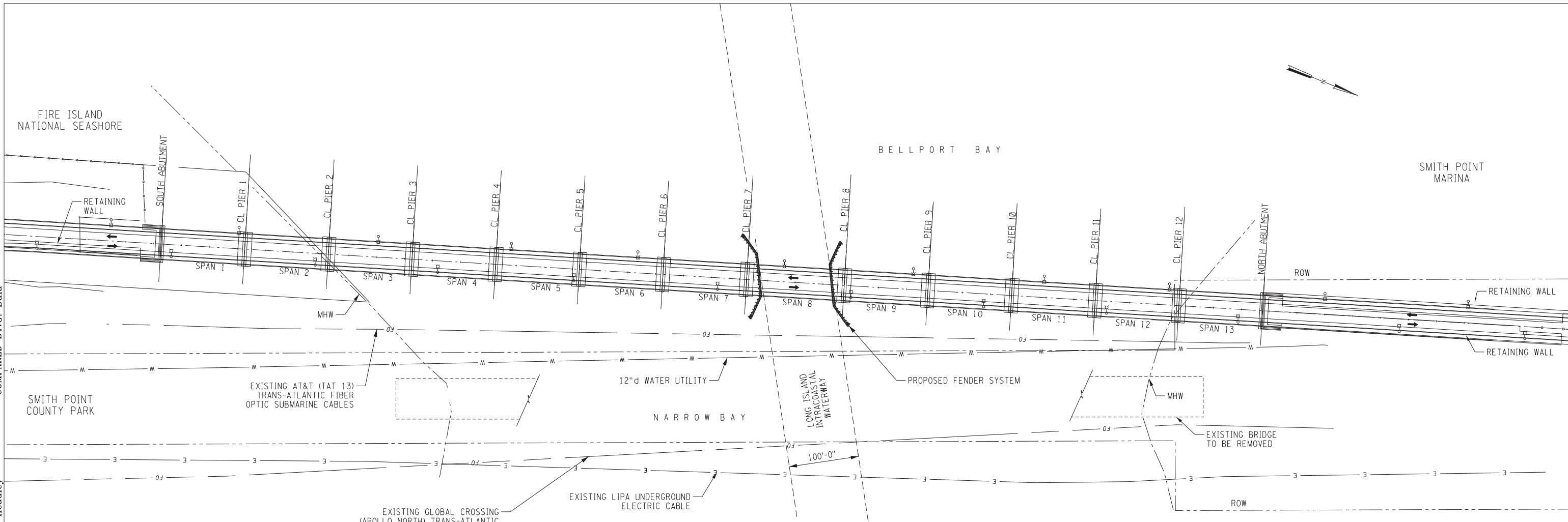
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COMPARED BY: G. Bula

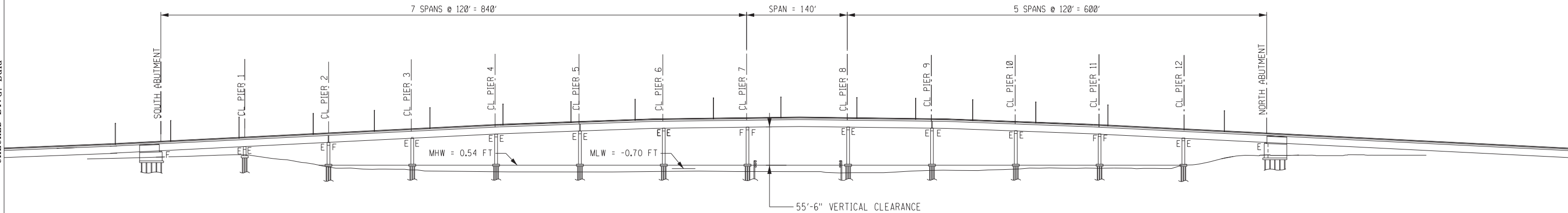
DRAWN BY: I. Headley

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PLAN
SCALE: 1"=70'



ELEVATION
SCALE: 1"=70'

- NOTES:
1. EXISTING BRIDGE TO BE REPLACED WITH A HIGH LEVEL FIXED BRIDGE.

COUNTY OF SUFFOLK DEPARTMENT OF PUBLIC WORKS YAPHANK, NEW YORK GILBERT ANDERSON, P.E. — COMMISSIONER			SMITH POINT BRIDGE		
ALTERNATIVE 2 — REPLACEMENT PLAN AND ELEVATION					
SYMBOL	DESCRIPTION	APPROVED DATE	PROJECT NO. CP5838	SCALE AS NOTED	SHEET NO. A4-1
R E V I S I O N S					