

U.S. Department of
Homeland Security

United States
Coast Guard



Commander
United States Coast Guard
First District

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16590
09 May 2024

To All Interested Parties:

Attached is a copy of the Coast Guard's public notice for New Jersey Turnpike Authority Newark Bay-Hudson County Extension Program translated into Tagalog.

Sincerely,

Donna A. Fisher
Bridge Program Manager
U.S. Coast Guard
By Direction

09 Mayo 2024

PAMPUBLIKONG ABISO PN-D01-209-2024

MUNGKAHING PAGPAPALIT NG NEWARK BAY-HUDSON COUNTY EXTENSION SA PAGITAN NG INTERCHANGE 14 AT 14A (EXTENSION), KABILANG ANG VINCENT R. CASCIANO MEMORIAL, NEWARK BAY BRIDGE (NBB) SA BUONG NEWARK BAY, MILE 3.8, SA PAGITAN NG NEWARK, ESSEX COUNTY AT BAYONNE, HUDSON COUNTY, NEW JERSEY.

Inaabisuhan ang lahat ng interesadong partido na natanggap ng Commander ng First Coast Guard District ang isang aplikasyon sa pahintulot sa tulay sa US Coast Guard (USCG) at isang balangkas ng National Environmental Policy Act (NEPA) Environmental Assessment mula sa New Jersey Turnpike Authority (NJTA), para sa aprubahan ang mga nakapaloob na plano upang palitan ang isang tulay sa isang ginagamit na daang tubig ng Estados Unidos.

Dagdag pa, nakatanggap ang Department of the Army (USACE) ng isang aplikasyon mula sa NJTA para sa isang pahintulot na Seksyon 408 para sa ilang trabaho sa o malapit sa Newark Bay Channel Federal Navigation Project, tulad ng inilarawan sa pampublikong abiso na ito at ipinapakita sa mga nakalakip na plano. Ang layunin ng pampublikong abiso na ito ay upang makakuha ng mga komento mula sa publiko, pamahalaan, at komunidad sa dagat tungkol sa iminungkahing aksyon.

DAANG-TUBIG AT LOKASYON: Ang mungkahing pagpapalit ng tulay ay itatayo sa ibabaw ng Newark Bay, mile 3.8 sa pagitan ng Newark, Essex County at Bayonne, Hudson County, New Jersey. Bilang partikular, ang kanlurang dulo ng iminungkahing aksyon ay ang Interchange 14 sa Newark kung saan ang Extension ay naghihiwalay sa NJ Turnpike (I-95) mainline roadway, Interstate Route 78, at US Route 1 at 9. Ang silangang dulo ng mungkahing aksyon ay ang Interchange 14A sa Jersey City at Bayonne kung saan ang Extension ay naghihiwalay sa NJ Route 440 at 185 at mga lokal na kalsada.

KARAKTER NG TRABAHO: Pinapalawak ng NJTA ang lahat ng mga tulay na daan at viaduct, kabilang ang NBB, habang pinapalawak ang daan sa pagitan ng Interchange 14 at 14A mula sa umiiral na dalawang traffic lane sa bawat direksyon upang magkaroon ng apat na travel lane sa bawat direksyon. Sa partikular, ang umiiral na NBB ay papalitan ng dalawang sumusunod sa patakaran na tulay kung saan isang tulay ay may apat na lane papunta sa silangang direksyon at isa pang tulay na mayroong apat na lane papunta sa kanluran. Ang isa sa mga kapalit na tulay ay itatayo kaagad nang off-line sa hilaga at magdadala ng trapiko sa daan pakanluran. Ang isa pang kapalit na tulay ay papalitan sa tinatayang parehong pagkakahanay ng umiiral na NBB at magdadala ng trapiko sa daan pasilangan.

Ang mungkahing proyekto ay magpapabuti ng navigational clearance ng Newark Bay Bridge, mapapabuti ang katatagan sa antas ng dagat, mapabuti ang pangmatagalang integridad ng mga istruktura ng Extension, at mapabuti ang kaligtasan ng trapiko ng mga commuter at dagat. Ang pahalang na navigational clearance na 550 talampakan at vertical clearance na 135 talampakan na Mean High Water (MHW) ay hindi magbabago.

Sumang-ayon ang NJTA na alisin ang umiiral na mga pier 2 talampakan sa ibaba ng mudline, maliban na ang umiiral na mga pier W1 at E1 na mananatili para sa pagsasama sa disenyo ng fender. Ang hilagang-kanlurang sulok ng pier E1 ay huhukayin hanggang sa limitasyon ng USACE na pinapanatili ng Newark Bay North Reach navigational channel hanggang sa lalim na 2 talampakan sa ibaba ng awtorisadong lalim ng channel na 35-talampakan na MLLW. Ang tinatayang dami ng kongkreto na aalisin ay 20-cubic yard at 1.75-linear feet ng 7 bakal na pier. Ang lahat ng mga ipinanukalang pundasyon ay mga nakabarenang shaft. Hindi kinakailangan ang pansamantalang tulay para sa proyektong ito.

MINIMUM NA NAVIGATIONAL CLEARANCE: Ang iminungkahing kapalit na tulay ay magkakaroon ng mga clearance gaya ng inilarawan sa talahanayan sa ibaba. Ang mga clearance na ito ay walang pagbabago mula sa mga kasalukuyang clearance sa seksyong ito ng daluyan ng tubig sa o malapit sa milyang ito. Ang vertical clearance ay mula sa mababang elevation ng miyembro hanggang sa ibig sabihin ay mataas na tubig.

HINDI NAGBABAGO ANG UMIIRAL NA MGA NAVIGATIONAL CLEARANCE PARA SA MUNGKAHING PROYEKTO	
Mga Horizontal Clearance:	Vertical Clearance:
Navigational Channel: 550 talampakan Sa pagitan ng mga Fenders: 611.65- talampakan	135-talampakan MHW 132.6 talampakan MLW
NAVD1988	

MGA PAGSASAALANG-ALANG SA KAPALIGIRAN: Ang USCG ay ang nangungunang pederal na ahensya para sa pagtugon sa mga kinakailangan ng binagong National Environmental Policy Act (NEPA). Pansamantalang natukoy ng USCG na ang iminungkahing aksyon ay hindi magkakaroon ng malaking epekto para sa mga layunin ng NEPA sa ilalim ng pamantayang ibinigay sa tagubilin sa pagpapatupad ng NEPA ng Coast Guard. Bilang resulta, plano ng USCG na mag-isyu ng isang “Finding of No Significant Impact” (FONSI) para sa mungkahing proyekto, maliban kung may mga malaking epekto na ipinahayag ng pampublikong abiso at mga kaganapan sa impormasyon sa publiko na ito.

Isang Draft Environmental Assessment (EA) ay inilabas noong Pebrero 2024. Ang mga dokumento sa kapaligiran ay nai-post on-line sa <https://nbhce.njta.com/environmental-responsibility/>. Ang mga kopya ng Draft EA ay available para makita sa mga sumusunod na lokasyon:

Pampublikong Aklatan ng Newark/ 5 Washington Street Newark, New Jersey, 07102
Pampublikong Aklatan ng Bayonne/ Pansamantalang Sangay sa Story Court sa 16 W 4th Street, Bayonne, 07002
Pampublikong Aklatan ng Lungsod ng Jersey/ Sangay ng Earl A. Morgan Branch, 1841 John F. Kennedy Boulevard, Lungsod ng Jersey 07305

Mangyaring bisitahin ang website ng programa nbhce.njta.com para sa karagdagang impormasyon at paparating na mga kaganapan sa impormasyon sa publiko.

Ang mungkahing kapalit na tulay ay matatagpuan sa isang floodplain. Ang 100-taong taas ng baha ay nag-iiba sa pagitan ng 14-talampakan at 15 talampakan sa loob ng mga limitasyon ng NBB. Nilabas ang isang Water Quality Certificate (WQC) at Coastal Zone Consistency Determination ng New Jersey Department of Environmental Protection (NJDEP) noong Abril 3, 2024. Natukoy din ng NJDEP na ang mungkahing kapalit ng tulay ay tumutugon sa mga kinakailangan ng mga Panuntunan ng Flood Hazard Area Control Act ng Estado.

Ang awtoridad ng USACE para sa proyektong ito ay nasa ilalim ng Seksyon 404 ng Clean Water Act na pinahintulutan ng isang Nationwide Permit 15. Ang isang aplikasyon sa pahintulot ng Seksyon 408 ay nakabinbin sa pagsusuri ng USACE.

Nagsagawa ang NJTA ang Phase I Archaeological Survey at Intensive Historic Architectural Survey para sa mungkahing proyekto ng tulay sa panahon ng proseso ng pagsusuri sa kapaligiran. Natukoy ng NJTA na ang iminungkahing proyekto ay magkakaroon ng masamang epekto sa makasaysayang arkitektura at ari-arian na nakalista o karapat-dapat para sa listahan sa National Register of Historic Places (NRHP) o iba pang mga kahalagahang arkeolohikal, makasaysayan, o arkitektura. Ayon sa Seksyon 106 ng National Historic Preservation Act ng 1966, ang NJTA, bilang itinalagang kinatawan ng Pederal ng Coast Guard, ay nakikipag-ugnayan sa New Jersey Historic Preservation Office (NJHPO). Ang mga hakbang sa pagpapagaan na natukoy mula sa pagkonsulta sa NJHPO at iba pang partido sa pagkonsulta sa pamamagitan ng pagbuo ng Programmatic Agreement ay lulutas sa masamang epekto at tatapos sa proseso ng Seksyon 106. Ang tiyak na impormasyon tungkol sa Area of Potential Effects (APE) at mga pag-aari at lokasyon na nakalista sa NRHP sa Newark Bay, Morris Canal, Lungsod ng Bayonne, Lungsod ng Newark at Lungsod ng Jersey City ay inilarawan sa EA.

Ang mga impormal na konsultasyon na sinimulan kasama ng National Oceanic and Atmospheric Administration, Fish and Wildlife Administration at ang National Marine Fisheries Service ay nakabinbin. Ang detalyadong impormasyon tungkol sa pagsunod sa kapaligiran sa NEPA ay binanggit sa EA tungkol sa naaangkop na batas ng

Federal, kabilang at hindi limitado sa: Endangered Species Act, Marine Mammal Protection Act, Migratory Bird Treaty Act, Bald at Golden Eagle Act.

KAHILINGAN NG MGA KOMENTO: Hinihiling ang mga mariner na magkomento tungkol sa paglalagay ng isang sistema ng proteksyon ng tulay at iba pang mga isyu sa kaligtasan sa nabigasyon, kabilang ang pangangailangan para sa mga clearance system at sakop ng nabigasyon sa gabi upang matukoy ang pangangailangan para sa pag-iilaw ng tulay. Hinihiling ang mga may-ari ng bangka na magbigay ng impormasyon tungkol sa kanilang mga sasakyan kabilang ang uri ng bangka, kabuuang haba, draft, beam, at taas mula sa waterline hanggang sa pinakamataas na nakapirming punto at mga kagamitan (hal., tuna tower, flight bridge, fixed antenna at radar units) at iba pang mga isyu sa kaligtasan sa nabigasyon.

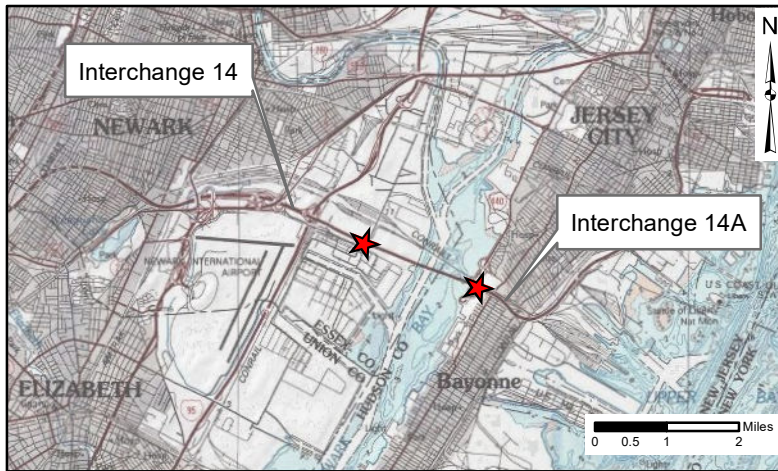
Hinihiling sa mga interesadong partido na ipahayag ang kanilang mga pananaw, sa pamamagitan ng pagsulat, tungkol sa iminumungkahing proyekto ng tulay kasama ang mga posibleng epekto nito sa kapaligiran, na isama ang mga epektong iyon sa minority at/o mga populasyong may mababang kita, kung mayroon man, nang nagbibigay ng sapat na detalye para magkaroon ng malinaw na pag-unawa sa mga dahilang sumusuporta o sumasalungat sa iminumungkahing gawain. Ang mga komento tungkol sa Pampublikong Abiso na ito ay matatanggap para sa talaan sa address sa itaas o sa pamamagitan ng e-mail sa SMB-DI Boston-Bridges-PublicNotices@uscg.mil hanggang Hunyo 10. Ang lahat ng mga komento na may tungkol sa kapaligiran tulad ng mga tungkol sa mga refuge ng hayop, waterfowl refuges, pampublikong parke, makasaysayang lugar, wetlands, isyu sa floodplain, hangin, kalidad ng tubig, atbp ay naaangkop na isasaalang-alang. Ang mga komento tungkol sa mga bagay na nasa ilalim ng hurisdiksyon ng USACE ay ipapadala sa USACE. Hinihiling na bigyang pansin ang impormasyong ito sa sinumang taong may interes na maaaring hindi nakatanggap ng kopya ng pampublikong abiso na ito.

Ang mga plano ng mungkahing proyekto, isang mapa ng lokasyon at mga numero ng USACE ay kasama sa pampublikong abiso na ito.

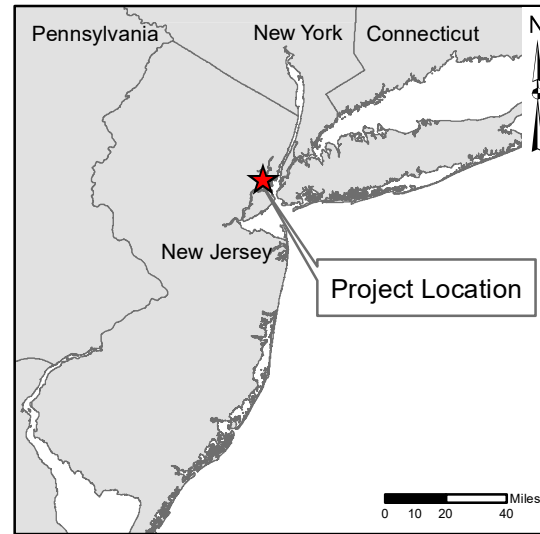
Nag-post din ng mga isinaling kopya nitong abiso sa publiko sa Spanish, Portuguese, Polish, Hindi, Tagalog, at Arabic sa website ng USCG Navigational Center.

<http://www.navcen.uscg.gov/?pageName=pnBridges&Active=1®ion=1>.

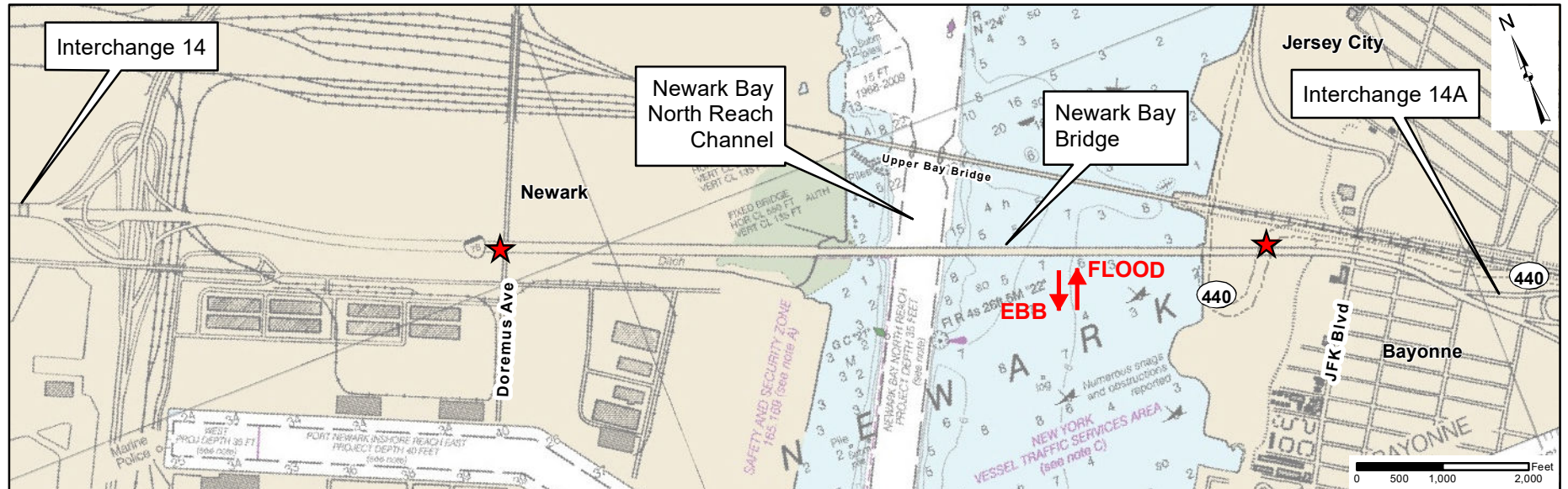
Donna. A. Fisher
Tagapamahala ng Programa ng Tulay
US Coast Guard
Ayon sa direksyon



VICINITY MAP



Project Location

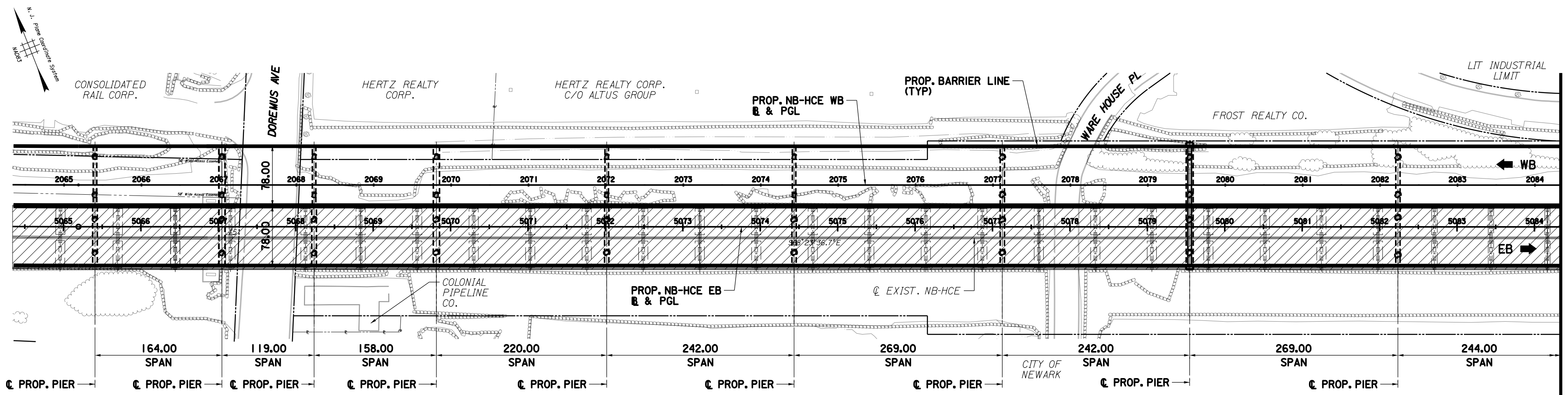


PROJECT SITE MAP

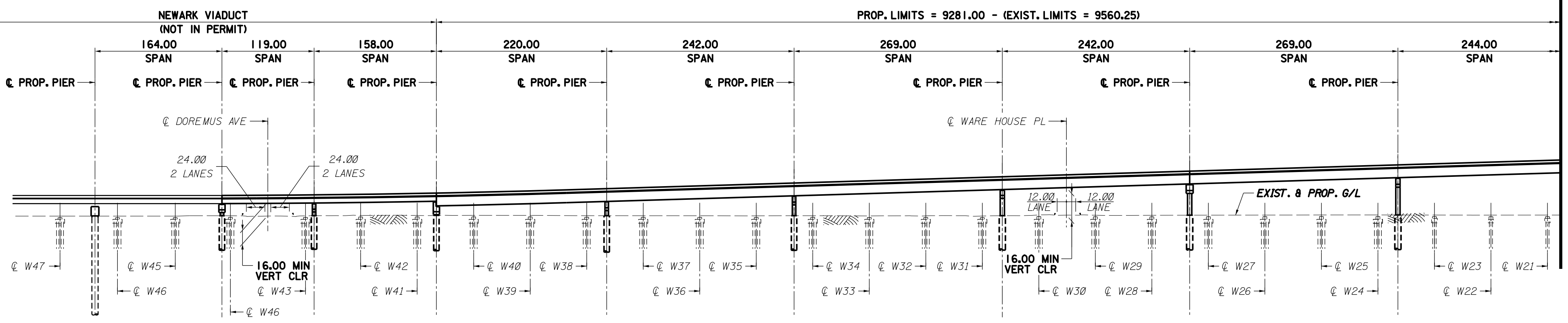
★ Approximate Limits of Newark Bay Bridge

NEW JERSEY TURNPIKE AUTHORITY	
NEWARK BAY-HUDSON COUNTY EXTENSION PROGRAM PROJECT 1 - INTERCHANGES 14 TO 14A NEWARK BAY BRIDGE REPLACEMENT AND ASSOCIATED IMPROVEMENTS NEWARK BAY MP 3.8 BETWEEN NEWARK, ESSEX COUNTY AND BAYONNE, HUDSON COUNTY NEW JERSEY	
VICINITY MAP	
CONSULTANTS: GANNETT FLEMING, INC. WSP USA, INC.	DATE: APRIL 26, 2024 SHEET: 1 OF 8

SOURCES:
ESRI, USGS MAP SERVICE. WSP 2022.



PLAN



ELEVATION

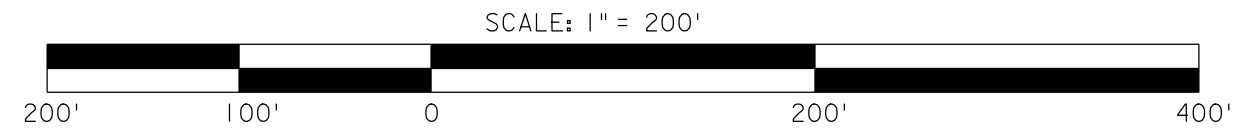
NOTES:

1. EXISTING BOTTOM OF CHANNEL TAKEN AT THE CENTER LINE OF THE EXISTING BRIDGE BASED ON 2021 BATHYMETRIC SURVEY DATA. ELEVATIONS BASED ON NAVD 88.
2. ALL DIMENSIONS AND DISTANCES ARE IN US LINEAR FEET IN DECIMAL FORMAT.
3. SEE NOTES ON GENERAL PLAN AND ELEVATION - 3.

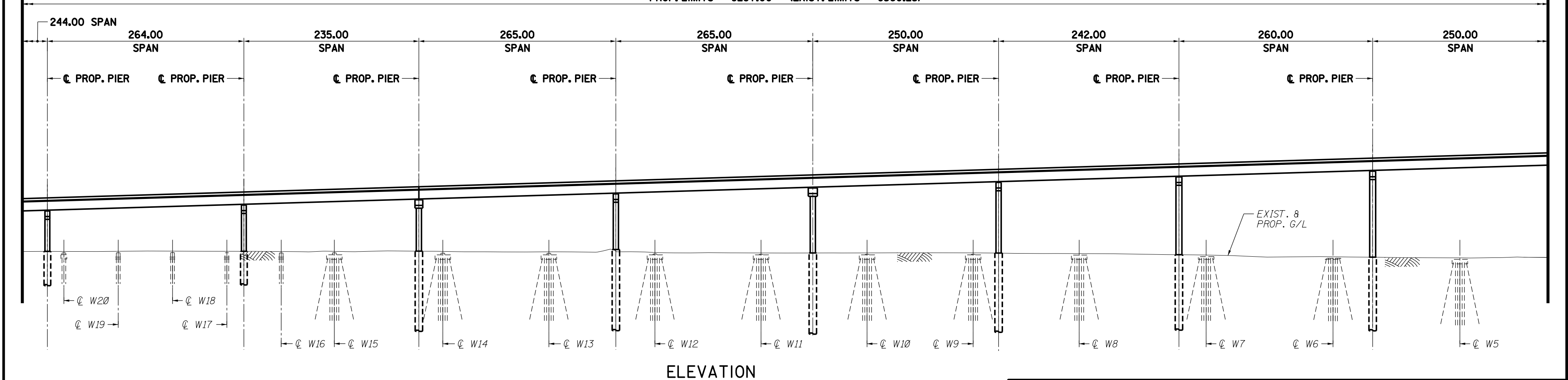
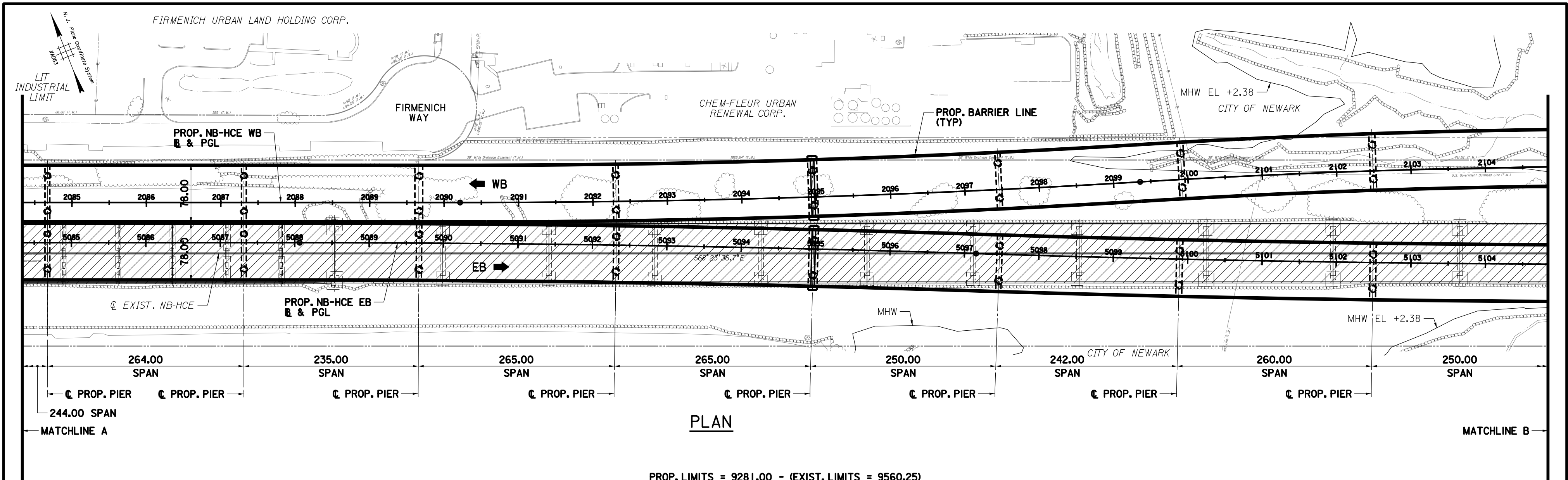
LEGEND:

EXIST. NB-HCE BRIDGE AREA OF REMOVAL

NOTE:
CONCEPTUAL PLANS UTILIZED TO OBTAIN
COAST GUARD BRIDGE PERMIT.



NEW JERSEY TURNPIKE AUTHORITY	
NEWARK BAY - HUDSON COUNTY EXTENSION PROGRAM PROJECT 1 - INTERCHANGES 14 TO 14A NEWARK BAY BRIDGE REPLACEMENT AND ASSOCIATED IMPROVEMENTS NEWARK BAY MP 3.8 BETWEEN NEWARK, ESSEX COUNTY AND BAYONNE, HUDSON COUNTY NEW JERSEY	
GENERAL PLAN AND ELEVATION - 1	
CONSULTANTS: GANNETT FLEMING, INC. WSP USA, INC.	DATE: APRIL 26, 2024 SHEET: 2 OF 8



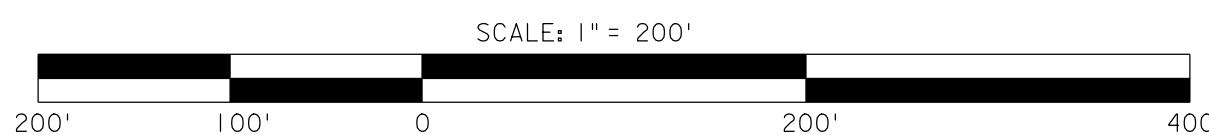
NOTES:

- EXISTING BOTTOM OF CHANNEL TAKEN AT THE CENTER LINE OF THE EXISTING BRIDGE BASED ON 2021 BATHYMETRIC SURVEY DATA. ELEVATIONS BASED ON NAVD 88.
- ALL DIMENSIONS AND DISTANCES ARE IN US LINEAR FEET IN DECIMAL FORMAT.
- SEE NOTES ON GENERAL PLAN AND ELEVATION - 3.

LEGEND:

 EXIST. NB-HCE BRIDGE AREA OF REMOVAL

NOTE:
CONCEPTUAL PLANS UTILIZED TO OBTAIN
COAST GUARD BRIDGE PERMIT.



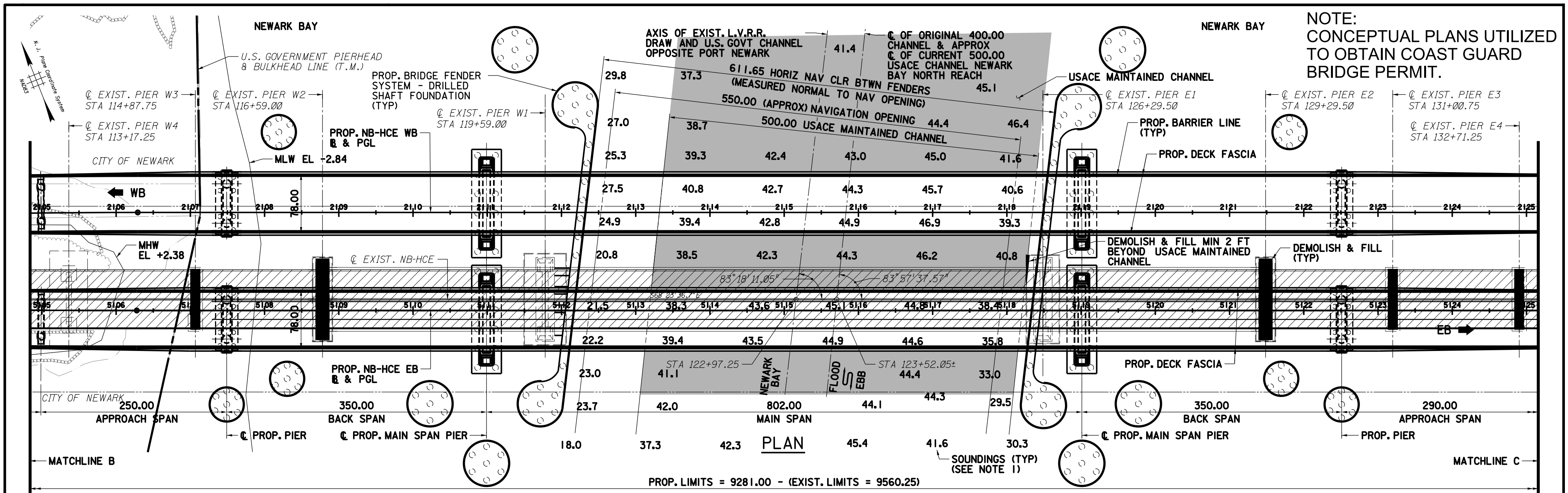
NEW JERSEY TURNPIKE AUTHORITY

NEWARK BAY - HUDSON COUNTY EXTENSION PROGRAM
PROJECT 1 - INTERCHANGES 14 TO 14A
NEWARK BAY BRIDGE REPLACEMENT AND ASSOCIATED IMPROVEMENTS
NEWARK BAY MP 3.8
BETWEEN NEWARK, ESSEX COUNTY AND BAYONNE, HUDSON COUNTY
NEW JERSEY

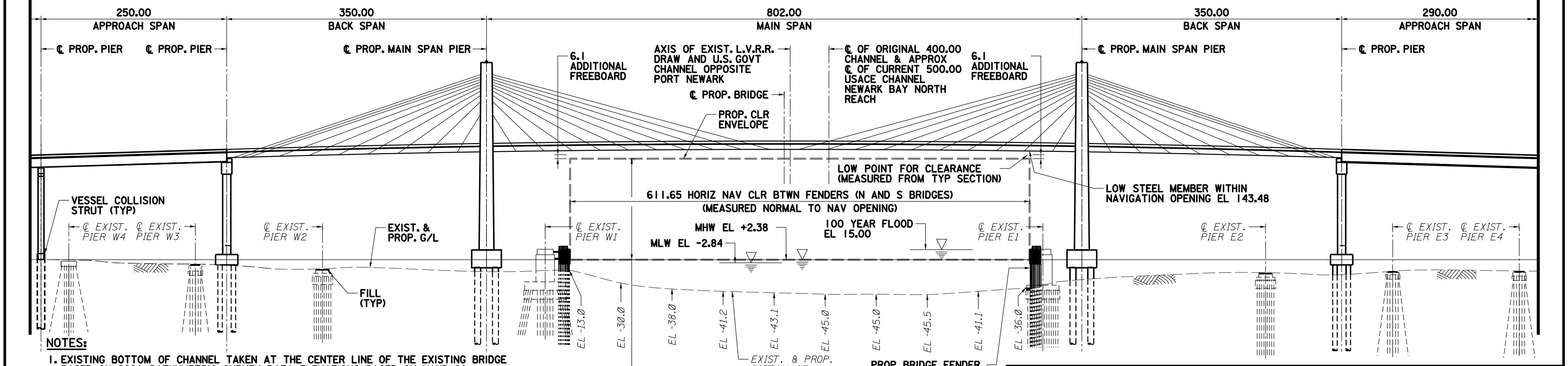
GENERAL PLAN AND ELEVATION - 2

CONSULTANTS:
GANNETT FLEMING, INC.
WSP USA, INC.

DATE: APRIL 26, 2024
SHEET: 3 OF 8

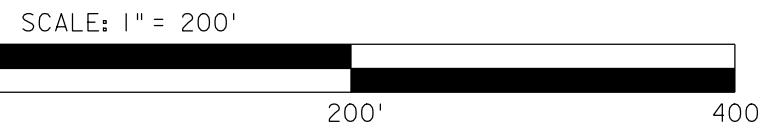


NOTE:
CONCEPTUAL PLANS UTILIZED TO OBTAIN COAST GUARD BRIDGE PERMIT.



- NOTES:**
- EXISTING BOTTOM OF CHANNEL TAKEN AT THE CENTER LINE OF THE EXISTING BRIDGE BASED ON 2021 BATHYMETRIC SURVEY DATA. ELEVATIONS BASED ON NAVD 88.
 - EXISTING PIERS W1 AND E1 TO REMAIN FOR INTEGRATION WITH FENDER DESIGN, EXCEPT AS NOTED.
 - ALL EXISTING PIERS TO BE REMOVED TWO FEET BELOW MUDLINE UNLESS OTHERWISE NOTED. APPROXIMATE FILL OUTSIDE OF NAVIGATIONAL CHANNEL 1513 CY. FILL SHOWN TO EXISTING MUDLINE WHERE EXISTING PIERS ARE REMOVED. ALL PROPOSED PIERS ARE DRILLED SHAFTS.
 - NO TEMPORARY STRUCTURES/FALSEWORK REQUIRED IN THE NAVIGATIONAL OPENING. NO TEMPORARY BRIDGE REQUIRED. TEMPORARY TRESTLE TO REMAIN OUTSIDE OF NAVIGABLE OPENING.
 - NO DREDGING, FILL, EXCAVATION OR RIP RAP IN NAVIGATIONAL CHANNEL OTHER THAN THE NORTHWEST CORNER OF PIER E1. NORTHWEST CORNER OF PIER E1 TO BE REMOVED TO LIMIT OF USACE CHANNEL AND 2 FEET BELOW 35 FOOT CHANNEL. APPROXIMATE VOLUME OF CONCRETE TO BE REMOVED 20 CY AND 1.75 LINEAR FEET OF 7 STEEL PILES. FILL TO BE BACKFILL WITH NATIVE MATERIAL.
 - ALL PROPOSED FOUNDATIONS ARE DRILLED SHAFTS.
 - DOLPHINS NOT SHOWN IN ELEVATION FOR CLARITY.
 - USACE MAINTAINED CHANNEL LIMITS BASED ON USACE PROVIDED CADD NATIONAL CHANNEL FRAMEWORK. USCG NAVIGATIONAL OPENING BASED ON AS BUILT PLANS.

- LEGEND:**
- AREA OF EXISTING MAINTAINED CHANNEL.
 - EXIST. NB-HCE BRIDGE AREA OF REMOVAL
 - REMOVE MIN 2.00 BELOW MUDLINE & FILL

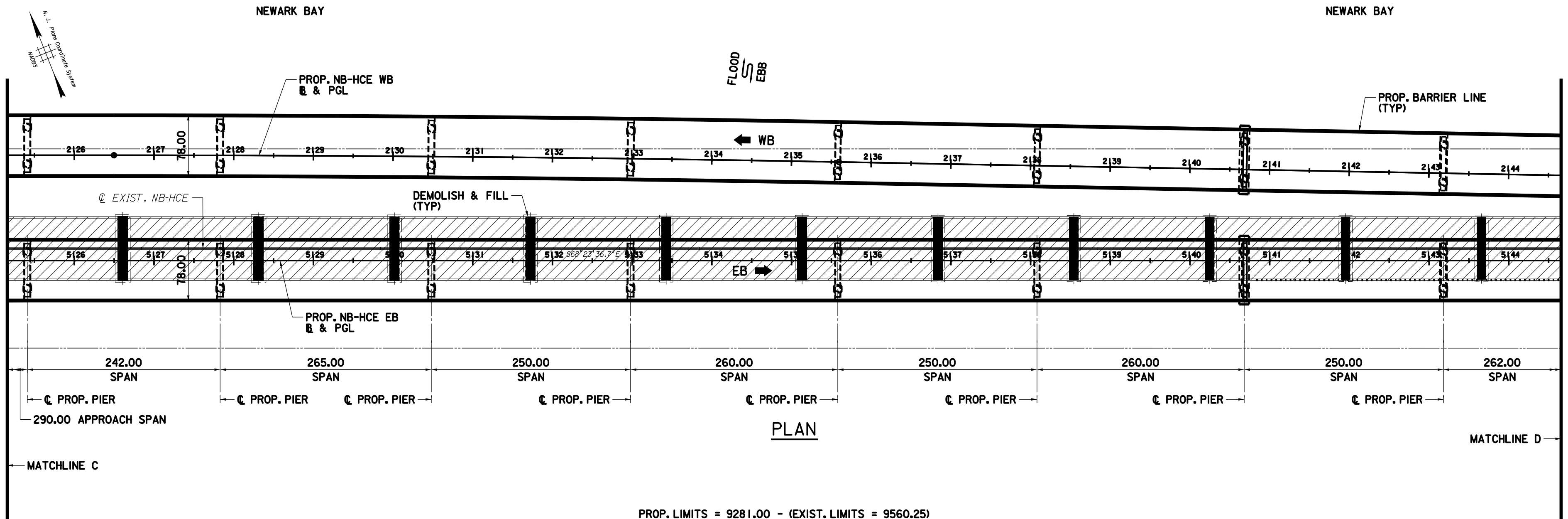


NEW JERSEY TURNPIKE AUTHORITY

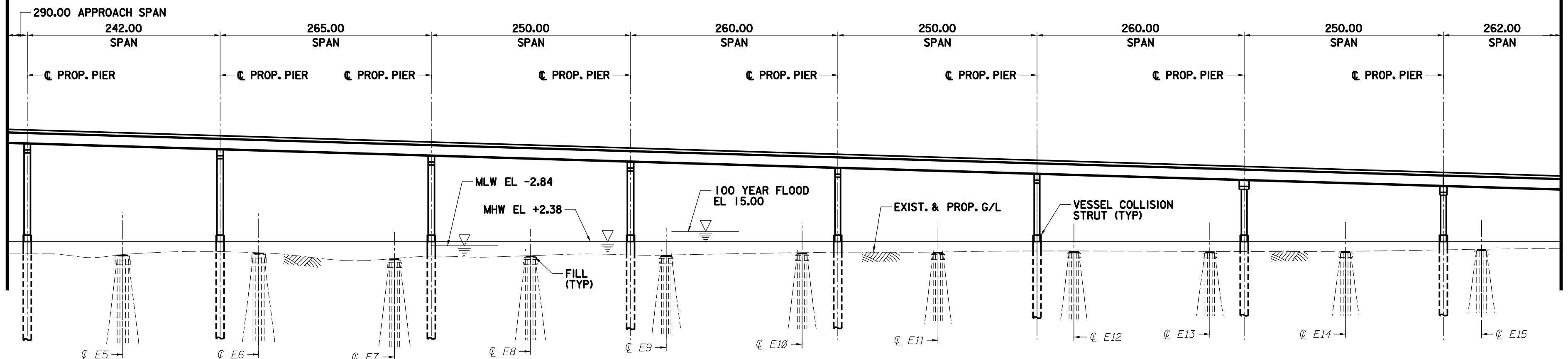
NEWARK BAY - HUDSON COUNTY EXTENSION PROGRAM
PROJECT 1 - INTERCHANGES 14 TO 14A
NEWARK BAY BRIDGE REPLACEMENT AND ASSOCIATED IMPROVEMENTS
NEWARK BAY MP 3.8
BETWEEN NEWARK, ESSEX COUNTY AND BAYONNE, HUDSON COUNTY
NEW JERSEY

GENERAL PLAN AND ELEVATION - 3

CONSULTANTS: GANNETT FLEMING, INC. WSP USA, INC.	DATE: APRIL 26, 2024 SHEET: 4 OF 8
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PLAN



ELEVATION

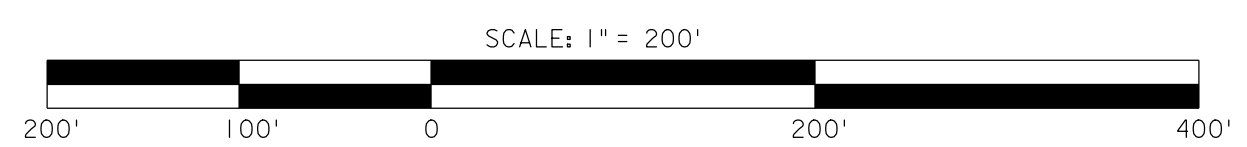
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2. ALL DIMENSIONS AND DISTANCES ARE IN US LINEAR FEET IN DECIMAL FORMAT.
3. SEE NOTES ON GENERAL PLAN AND ELEVATION - 3.

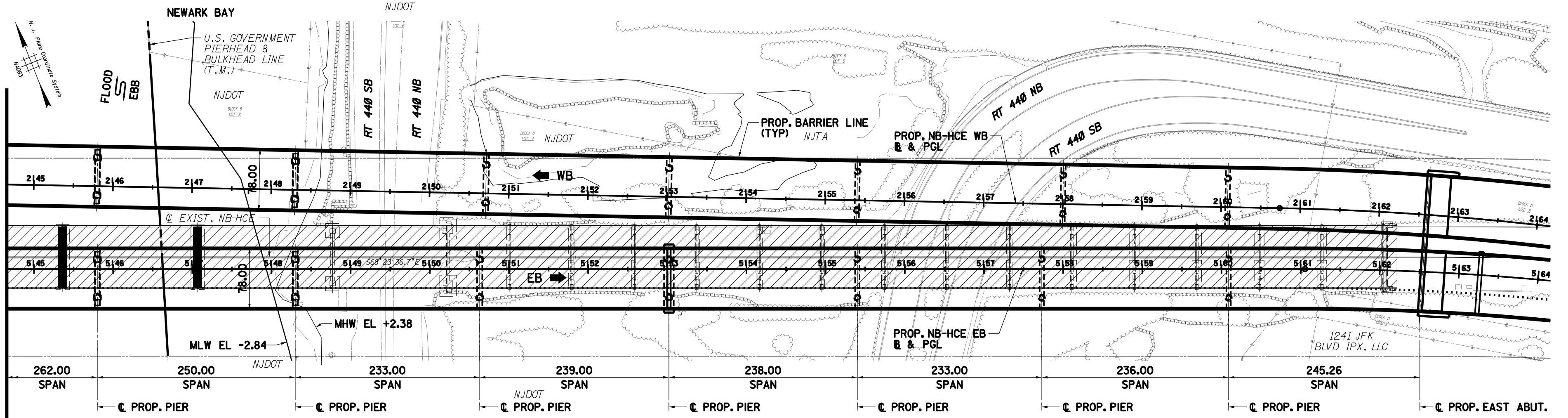
LEGEND:

- EXIST. NB-HCE BRIDGE AREA OF REMOVAL
- REMOVE MIN 2.00 BELOW MUDLINE & FILL

NOTE:
CONCEPTUAL PLANS UTILIZED TO OBTAIN
COAST GUARD BRIDGE PERMIT.

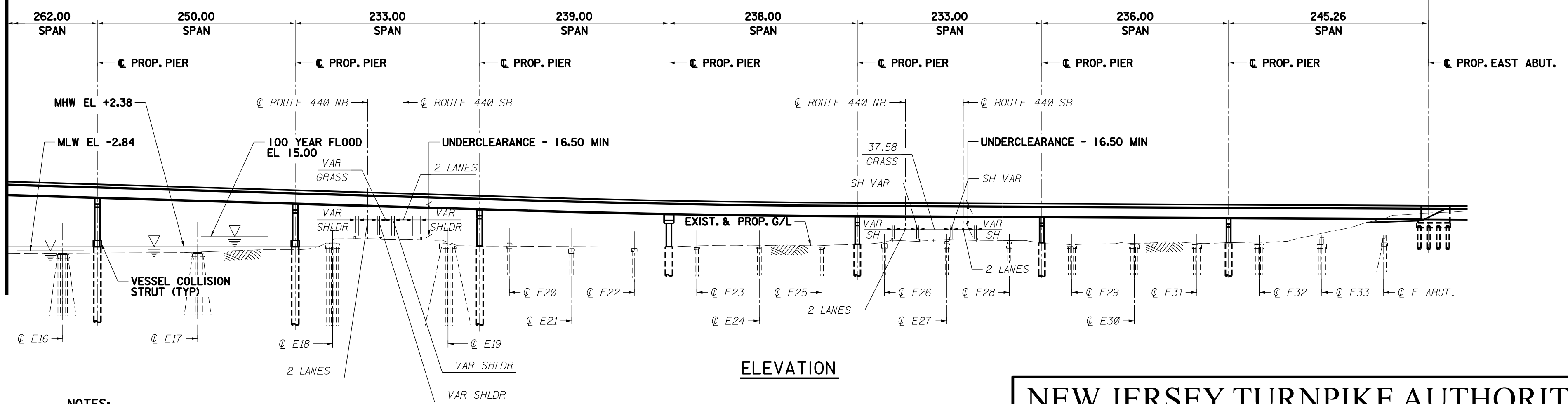


NEW JERSEY TURNPIKE AUTHORITY	
NEWARK BAY - HUDSON COUNTY EXTENSION PROGRAM PROJECT 1 - INTERCHANGES 14 TO 14A NEWARK BAY BRIDGE REPLACEMENT AND ASSOCIATED IMPROVEMENTS NEWARK BAY MP 3.8 BETWEEN NEWARK, ESSEX COUNTY AND BAYONNE, HUDSON COUNTY NEW JERSEY	
GENERAL PLAN AND ELEVATION - 4	
CONSULTANTS: GANNETT FLEMING, INC. WSP USA, INC.	DATE: APRIL 26, 2024 SHEET: 5 OF 8



PLAN

PROP. LIMITS = 9281.00 - (EXIST. LIMITS = 9560.25)



ELEVATION

NOTES:

1. EXISTING BOTTOM OF CHANNEL TAKEN AT THE CENTER LINE OF THE EXISTING BRIDGE BASED ON 2021 BATHYMETRIC SURVEY DATA. ELEVATIONS BASED ON NAVD 88.
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3. SEE NOTES ON GENERAL PLAN AND ELEVATION - 3.

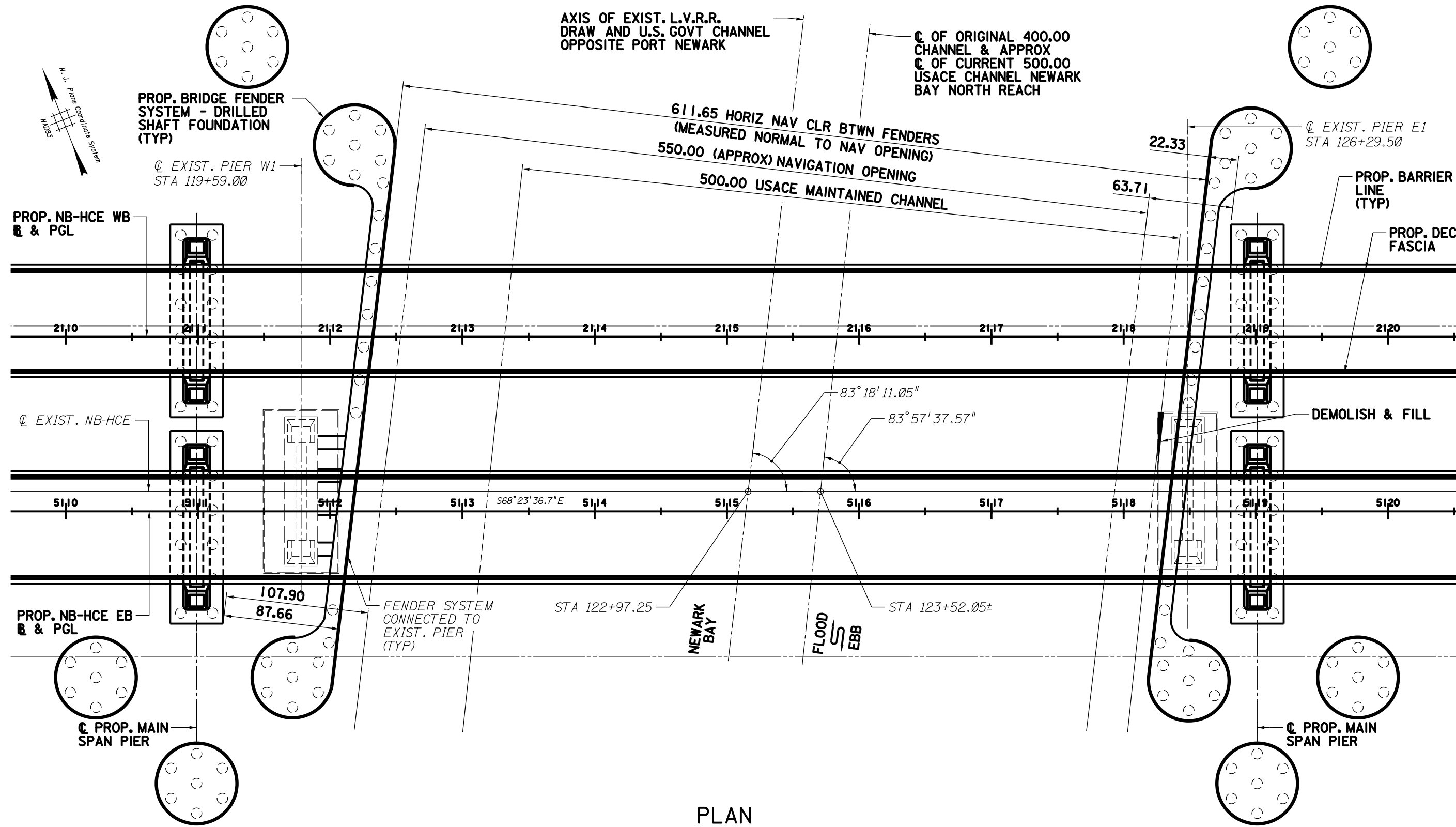
LEGEND:

- EXIST. NB-HCE BRIDGE AREA OF REMOVAL
- REMOVE MIN 2.00 BELOW MUDLINE & FILL

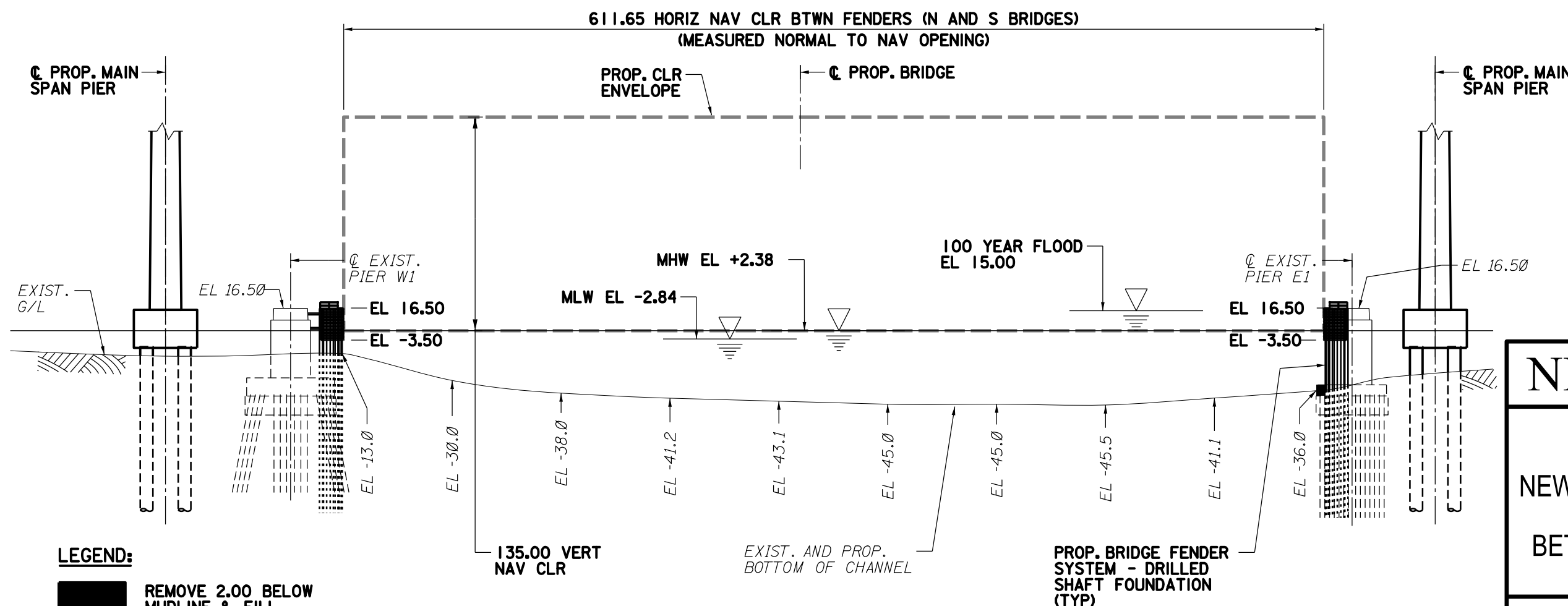
NEW JERSEY TURNPIKE AUTHORITY	
NEWARK BAY - HUDSON COUNTY EXTENSION PROGRAM PROJECT 1 - INTERCHANGES 14 TO 14A NEWARK BAY BRIDGE REPLACEMENT AND ASSOCIATED IMPROVEMENTS NEWARK BAY MP 3.8 BETWEEN NEWARK, ESSEX COUNTY AND BAYONNE, HUDSON COUNTY NEW JERSEY	
GENERAL PLAN AND ELEVATION - 5	
CONSULTANTS: GANNETT FLEMING, INC. WSP USA, INC.	DATE: APRIL 26, 2024 SHEET: 6 OF 8

NOTE:
CONCEPTUAL PLANS UTILIZED TO OBTAIN
COAST GUARD BRIDGE PERMIT.





PLAN



ELEVATION

NOTES:

1. PROPOSED FENDERS TO USE EXISTING MAIN PIER FOUNDATIONS FOR SUPPORT AND ENERGY DISSIPATION. NO PROPOSED FENDERS TO BE ATTACHED TO PROPOSED STRUCTURES.
2. COUNTERSUNK BOLTS TO BE UTILIZED FOR ALL NAVIGATION FACING CONNECTIONS.
3. FENDERS DESIGN AND DETAILING TO MEET ALL APPLICABLE AASHTO STANDARDS AND COORDINATE WITH PROJECT STAGING.
4. DOLPHINS NOT SHOWN IN ELEVATION FOR CLARITY.
5. USACE MAINTAINED CHANNEL BASED ON USACE PROVIDED CADD LINEWORK. USCG NAVIGATIONAL OPENING BASED ON AS BUILT PLANS.
6. SEE ADDITIONAL NOTES ON "GENERAL PLAN AND ELEVATION - 3".

NEW JERSEY TURNPIKE AUTHORITY

NEWARK BAY - HUDSON COUNTY EXTENSION PROGRAM
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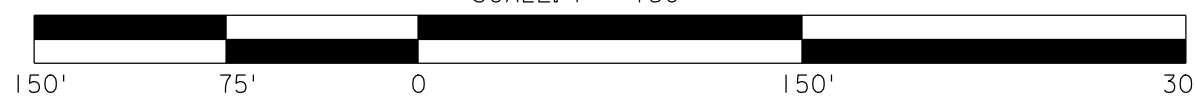
BRIDGE PROTECTION SYSTEM DETAILS

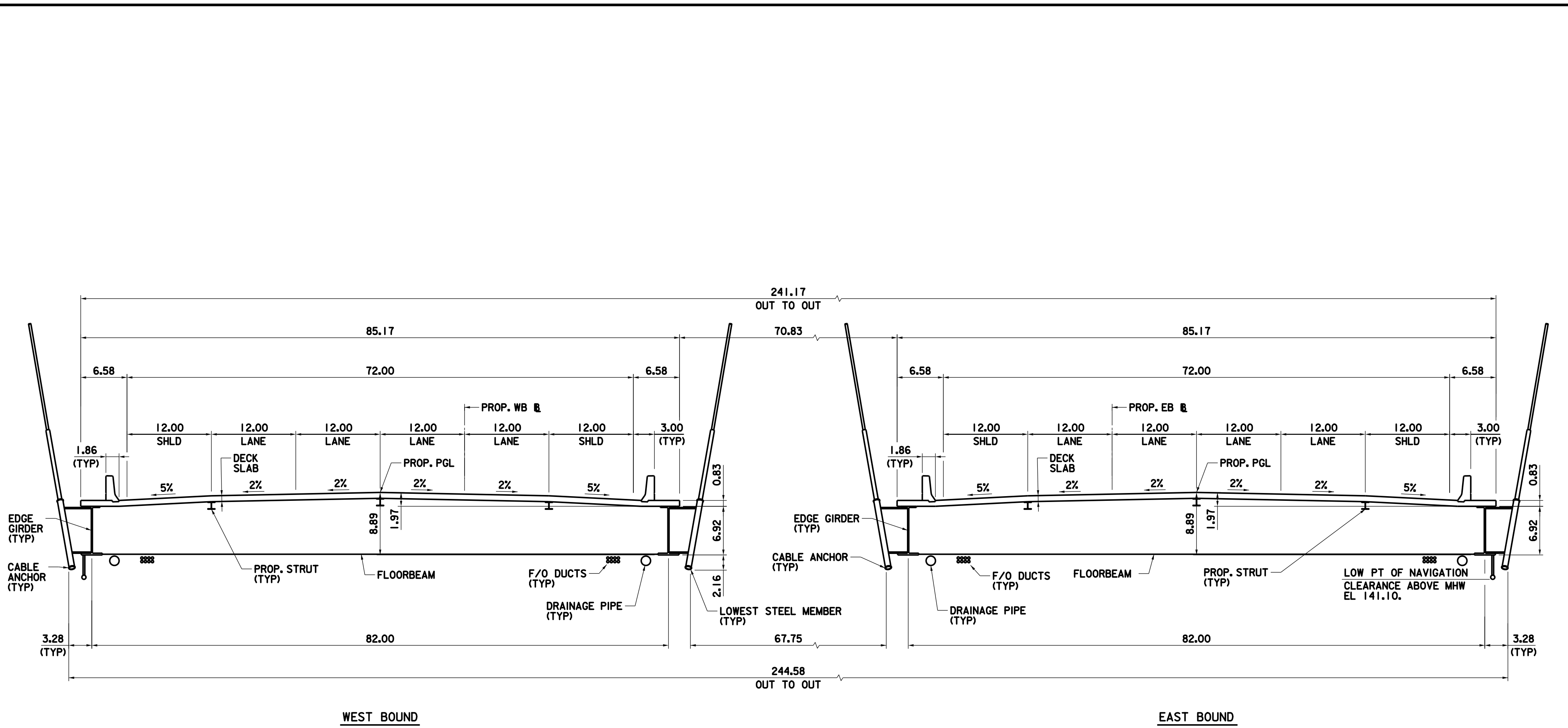
CONSULTANTS:
 GANNETT FLEMING, INC.
 WSP USA, INC.

DATE: APRIL 26, 2024
 SHEET: 7 OF 8

NOTE:
 CONCEPTUAL PLANS UTILIZED TO OBTAIN
 COAST GUARD BRIDGE PERMIT.

SCALE: 1" = 150'





WEST BOUND

EAST BOUND

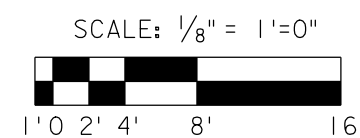
TYPICAL SECTION - MAIN SPAN

(LOOKING EAST)
 $\frac{1}{8}'' = 1'-0''$

NOTES:

1. ALL DIMENSIONS AND DISTANCES IN US LINEAR FEET IN DECIMAL FORMAT.
2. ALL DIMENSIONS ARE BASED ON PRELIMINARY ANALYSIS. FINAL DIMENSIONS WILL MEET VERTICAL CLEARANCE REQUIREMENTS AS NOTED ON SHEET GENERAL PLAN AND ELEVATION - 3.

NOTE:
 CONCEPTUAL PLANS UTILIZED TO OBTAIN COAST GUARD BRIDGE PERMIT.



NEW JERSEY TURNPIKE AUTHORITY

NEWARK BAY - HUDSON COUNTY EXTENSION PROGRAM
 PROJECT 1 - INTERCHANGES 14 TO 14A
 NEWARK BAY BRIDGE REPLACEMENT AND ASSOCIATED IMPROVEMENTS
 NEWARK BAY MP 3.8
 BETWEEN NEWARK, ESSEX COUNTY AND BAYONNE, HUDSON COUNTY
 NEW JERSEY

TYPICAL SECTION

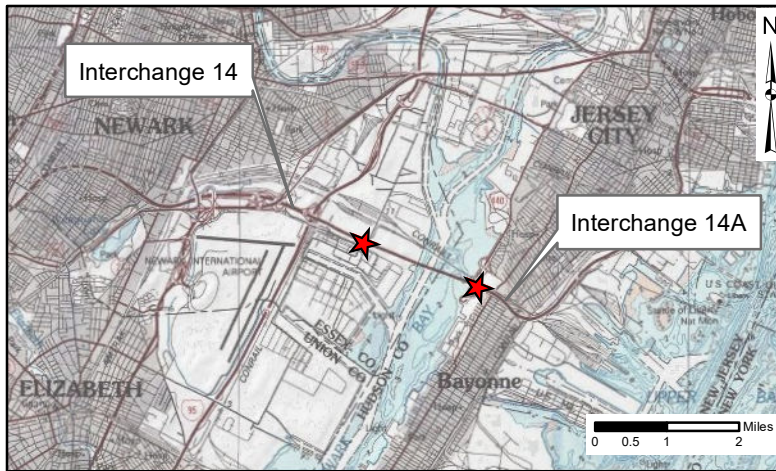
CONSULTANTS:
 GANNETT FLEMING, INC.
 WSP USA, INC.

DATE: APRIL 26, 2024
 SHEET: 8 OF 8

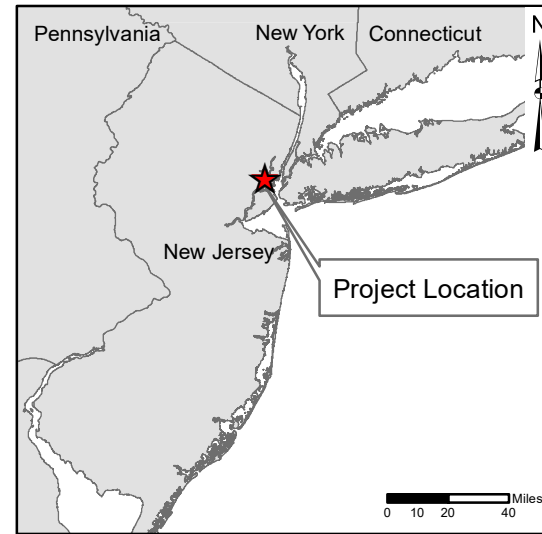
Section 408 Application Plan Set

New Jersey Turnpike Authority Replacement of Vincent R. Casciano Memorial (Newark Bay) Bridge
over Newark Bay North Reach Channel; City of Newark, Essex County, New Jersey

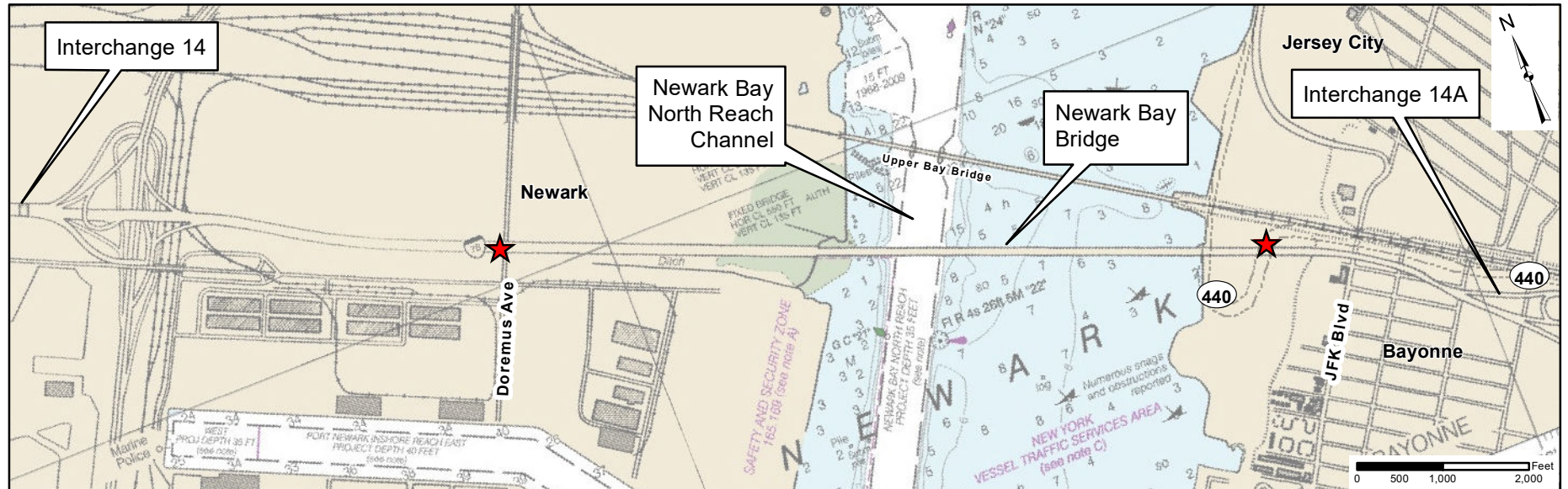
(NAN-2020-00729-WCO Newark Bay Bridge Replacement)



VICINITY MAP



Project Location



PROJECT SITE MAP

★ Approximate Limits of Newark Bay Bridge

NEW JERSEY TURNPIKE AUTHORITY

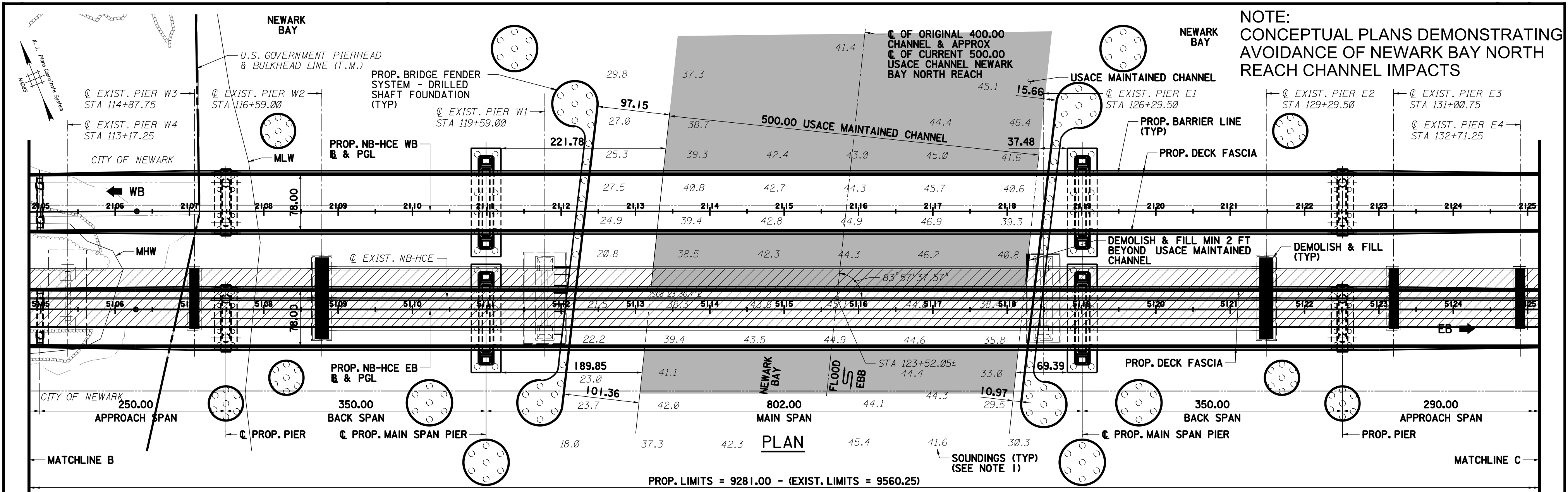
NEWARK BAY-HUDSON COUNTY EXTENSION PROGRAM
 PROJECT 1 - INTERCHANGES 14 TO 14A
 NEWARK BAY BRIDGE REPLACEMENT AND ASSOCIATED
 IMPROVEMENTS (NEWARK BAY MP 3.8) BETWEEN
 NEWARK, ESSEX COUNTY AND BAYONNE, HUDSON COUNTY
 NEW JERSEY

VICINITY MAP

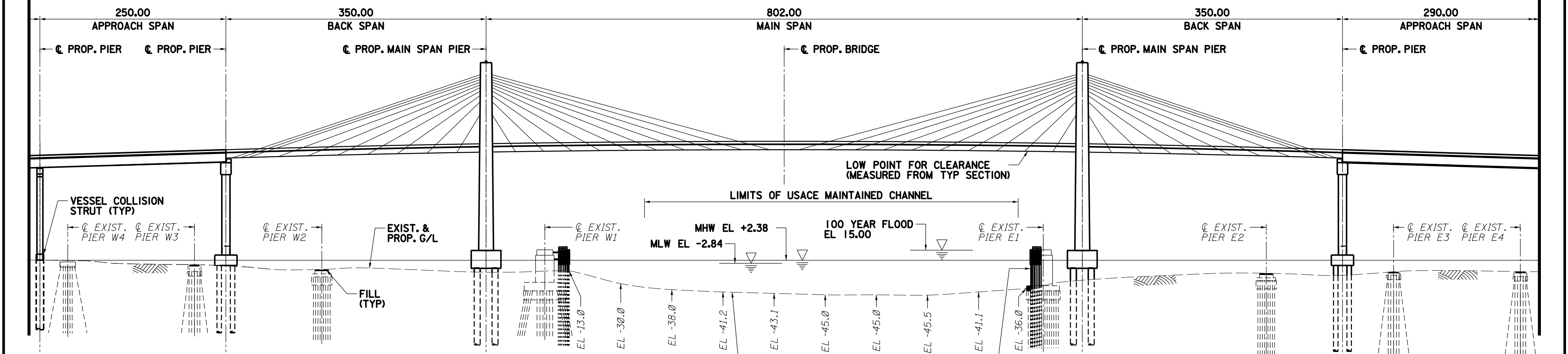
CONSULTANTS:
 GANNETT FLEMING, INC.
 WSP USA, INC.

DATE: DEC. 22, 2023

SOURCES:
 ESRI, USGS MAP SERVICE. WSP 2022.



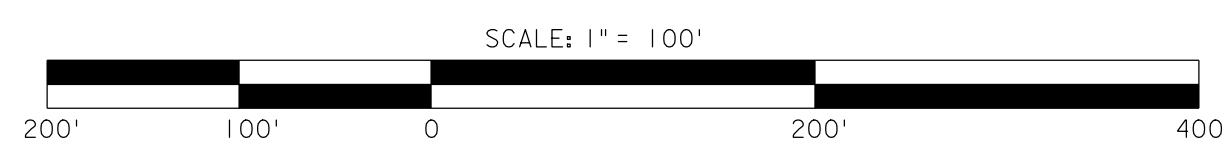
NOTE:
CONCEPTUAL PLANS DEMONSTRATING AVOIDANCE OF NEWARK BAY NORTH REACH CHANNEL IMPACTS



- NOTES:**
- EXISTING BOTTOM OF CHANNEL TAKEN AT THE CENTER LINE OF THE EXISTING BRIDGE BASED ON 2021 BATHYMETRIC SURVEY DATA. ELEVATIONS BASED ON NAVD 88. TO CONVERT FROM NGVD 1929 TO NAVD 1988, SUBTRACT 1.12 FEET.
 - ALL DIMENSIONS AND DISTANCES ARE IN US LINEAR FEET IN DECIMAL FORMAT AND BASED ON PRELIMINARY ASSESSMENT.
 - EXISTING PIERS W1 AND E1 TO REMAIN FOR INTEGRATION WITH FENDER DESIGN, EXCEPT AS NOTED.
 - ALL EXISTING PIERS TO BE REMOVED TWO FEET BELOW MUDLINE UNLESS OTHERWISE NOTED. APPROXIMATE FILL OUTSIDE OF NAVIGATIONAL CHANNEL 1513 CY. FILL SHOWN TO EXISTING MUDLINE WHERE EXISTING PIERS ARE REMOVED. ALL PROPOSED PIERS ARE DRILLED SHAFTS.
 - NO DREDGING, FILL, EXCAVATION OR RIP RAP IN NAVIGATIONAL CHANNEL OTHER THAN THE NORTHWEST CORNER OF PIER E1. NORTHWEST CORNER OF PIER E1 TO BE REMOVED TO LIMIT OF USACE CHANNEL AND 2 FEET BELOW 35 FOOT CHANNEL. APPROXIMATE VOLUME OF CONCRETE TO BE REMOVED 20 CY AND 1.75 LINEAR FEET OF 7 STEEL PILES. QUANTITIES BASED ON MINIMUM REMOVAL ANTICIPATED.
 - DOLPHINS NOT SHOWN IN ELEVATION FOR CLARITY.
 - USACE MAINTAINED CHANNEL LIMITS BASED ON USACE PROVIDED CADD NATIONAL CHANNEL FRAMEWORK.

LEGEND:

- AREA OF EXISTING MAINTAINED CHANNEL.
- EXIST. NB-HCE BRIDGE AREA OF REMOVAL
- REMOVE MIN 2.00 BELOW MUDLINE & FILL



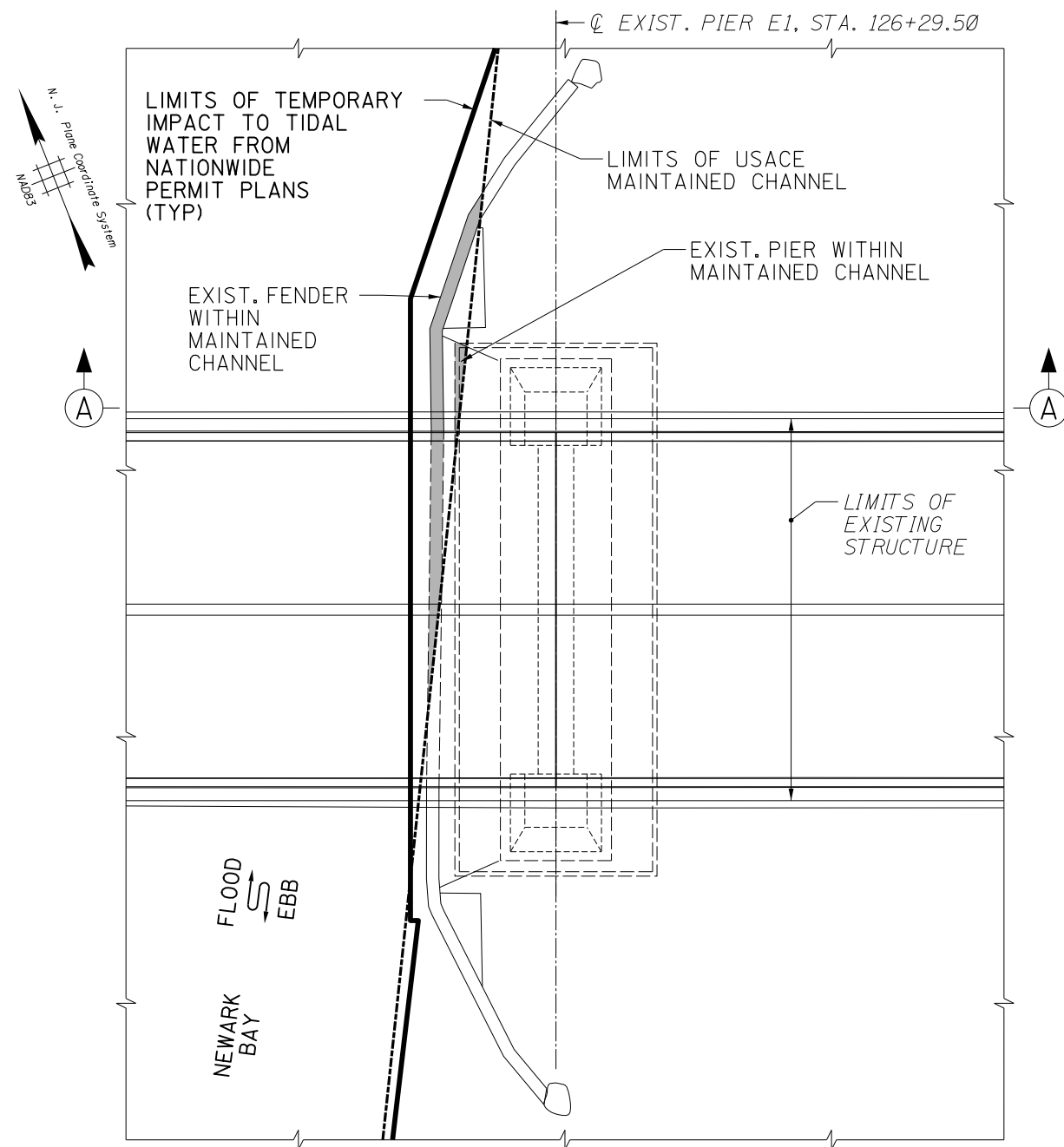
NEW JERSEY TURNPIKE AUTHORITY

NEWARK BAY - HUDSON COUNTY EXTENSION PROGRAM
PROJECT 1 - INTERCHANGES 14 TO 14A
NEWARK BAY BRIDGE REPLACEMENT AND ASSOCIATED IMPROVEMENTS
NEWARK BAY MP 3.8
BETWEEN NEWARK, ESSEX COUNTY AND BAYONNE, HUDSON COUNTY
NEW JERSEY

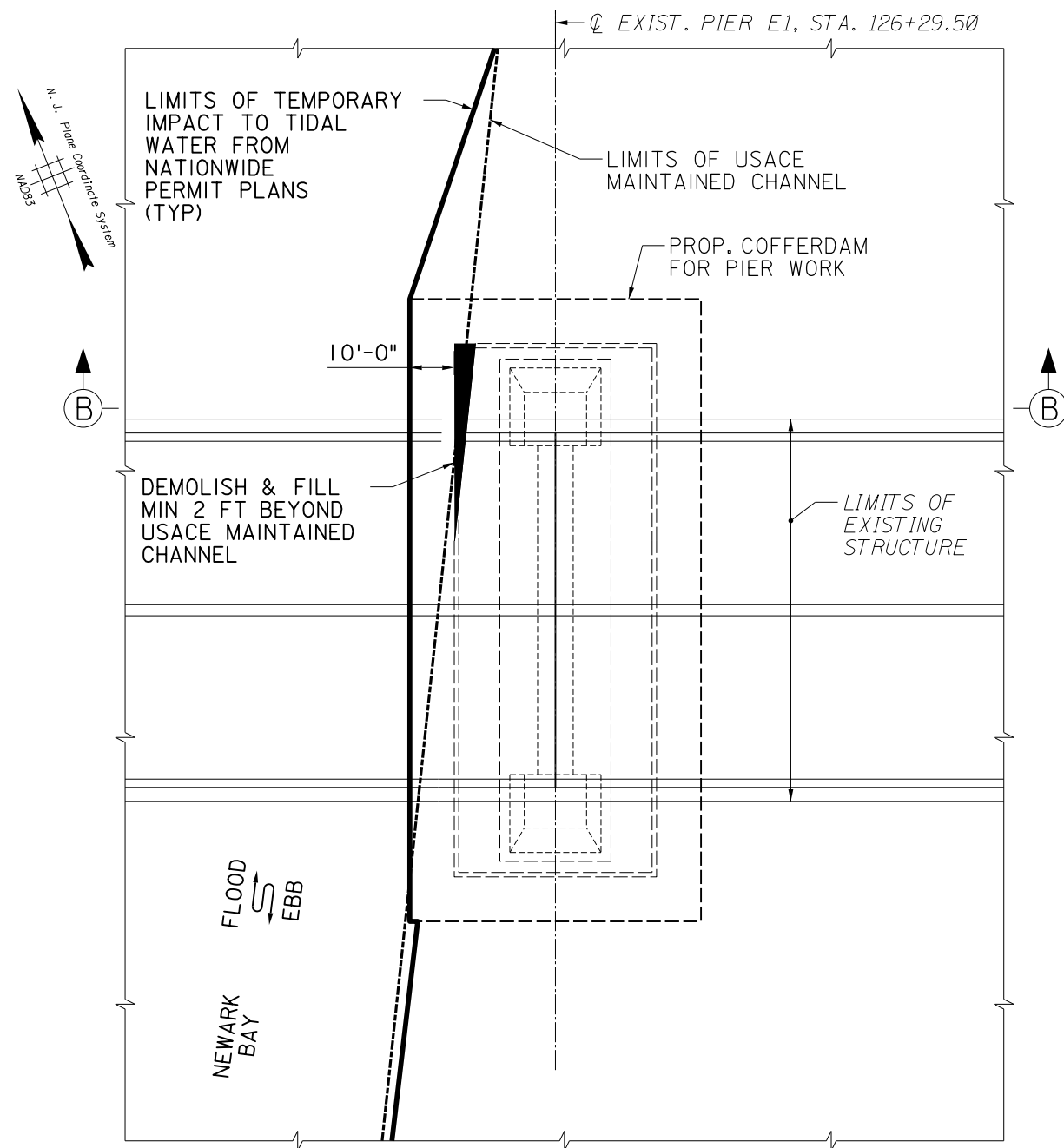
NEWARK BAY NORTH REACH CHANNEL PLAN AND ELEVATION

CONSULTANTS:
GANNETT FLEMING, INC.
WSP USA, INC.

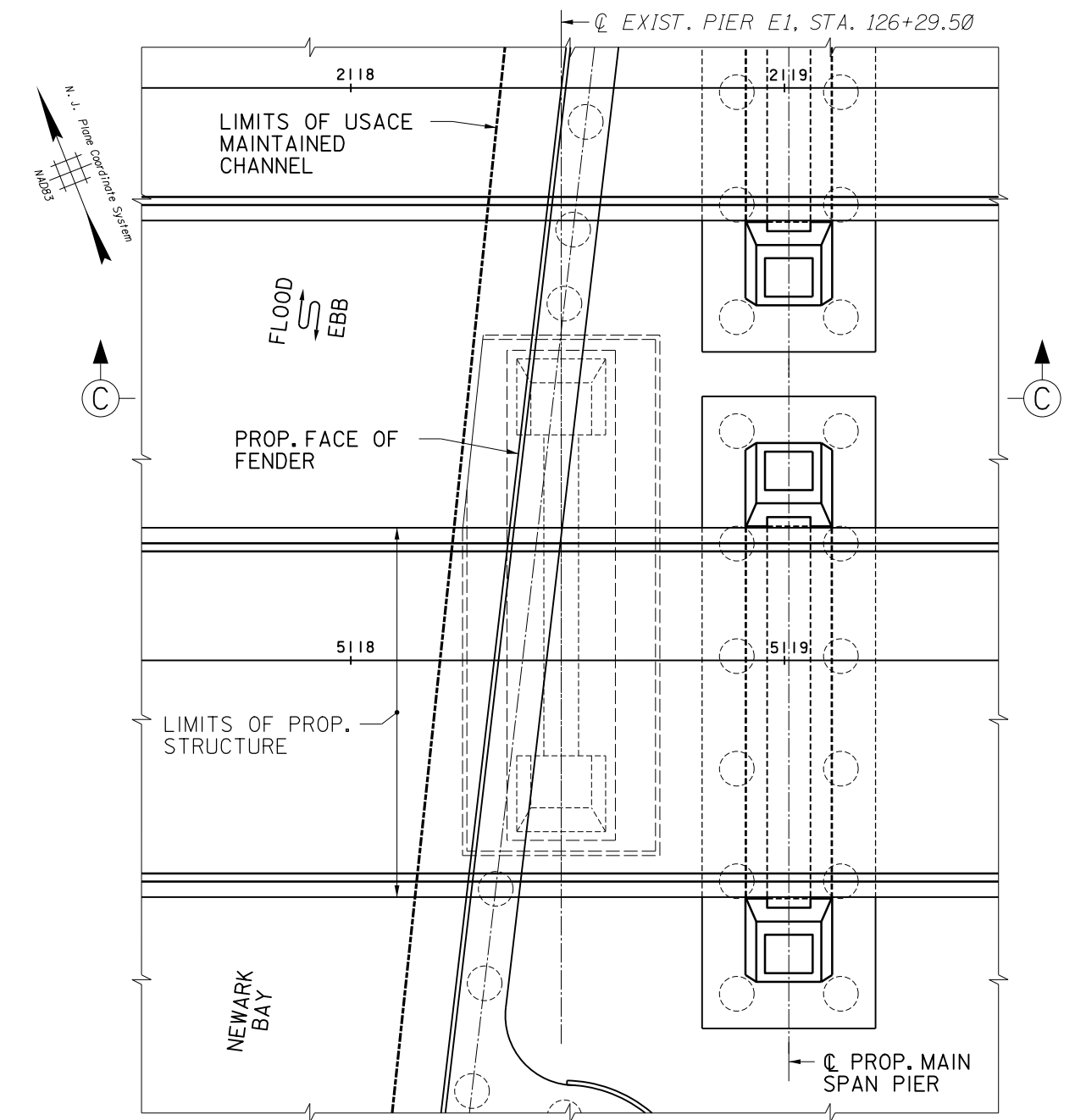
DATE: JAN. 26, 2024
SHEET: 1 OF 2



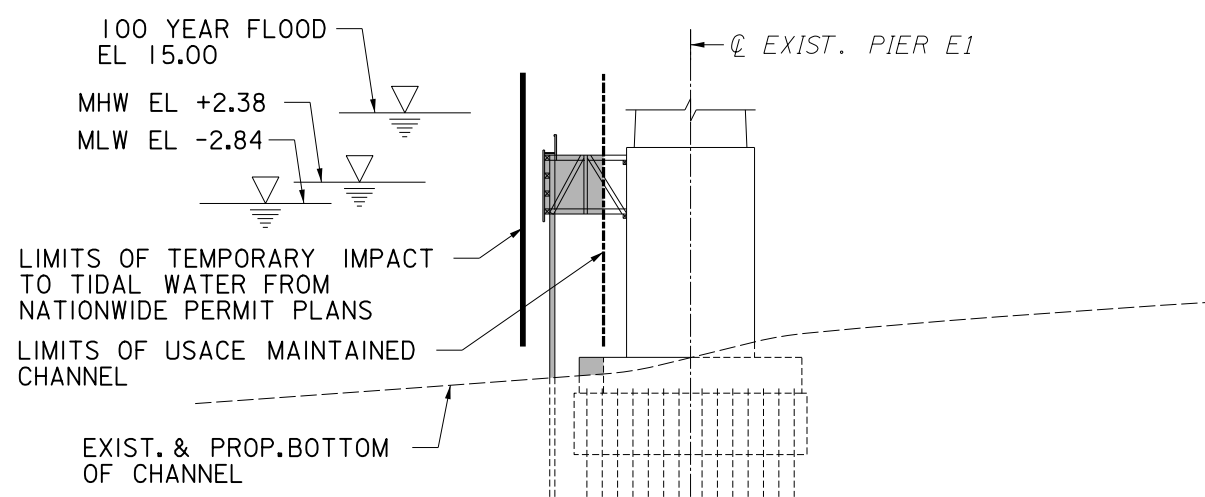
PLAN - FENDER REMOVAL AND EXISTING ENCROACHMENT
(TEMPORARY WORK WITHIN MAINTAINED CHANNEL LIMITS)



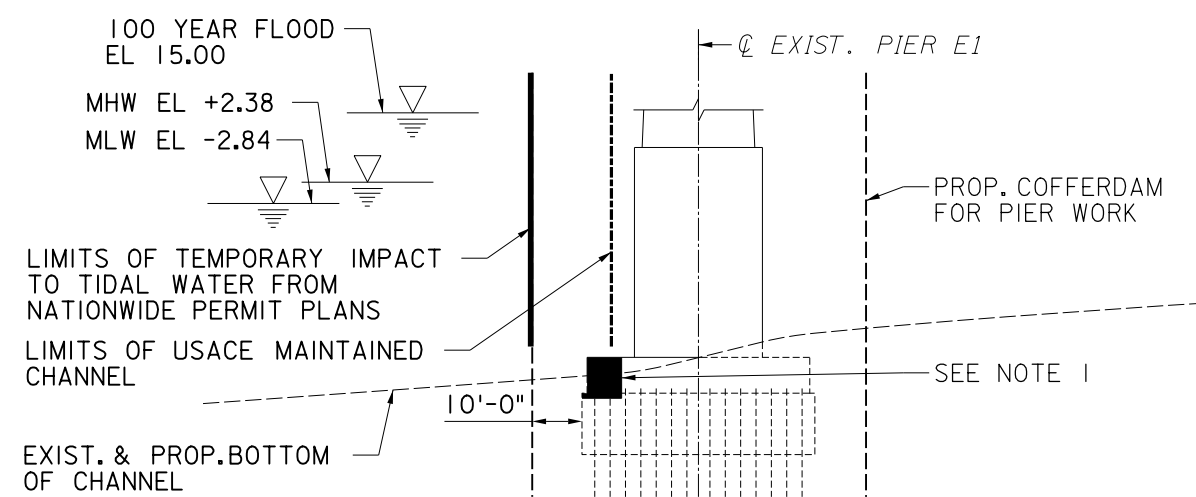
PLAN - PIER E1 DEMOLITION
(TEMPORARY WORK WITHIN MAINTAINED CHANNEL LIMITS)



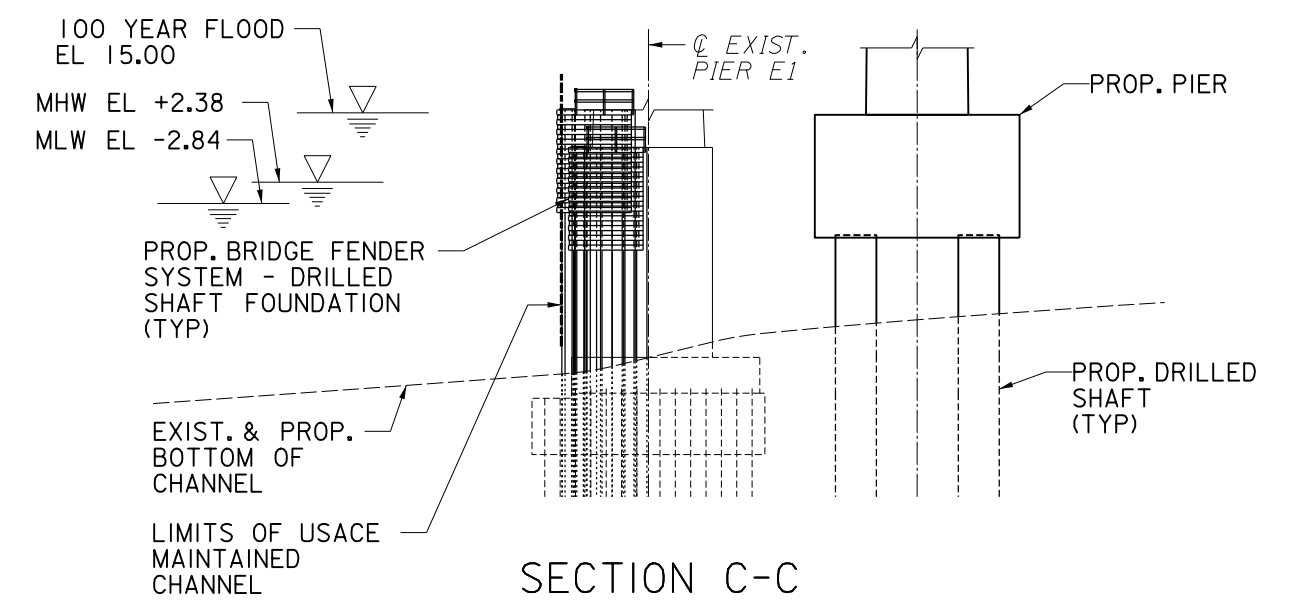
PLAN - PROPOSED CONDITION
(NO PERMANENT FEATURE WITHIN MAINTAINED CHANNEL LIMITS)



SECTION A-A



SECTION B-B



SECTION C-C

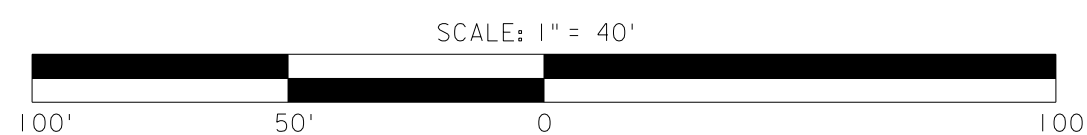
NOTES:

1. MINIMUM REMOVAL OF PIER E1 SHOWN. EXISTING FENDER AND PIER TO BE REMOVED TO 2 FEET PAST THE LIMIT OF THE 500 FT USACE MAINTAINED CHANNEL AND 2 FEET BELOW THE 35 FT USACE MAINTAINED CHANNEL.

2. USACE MAINTAINED CHANNEL LIMITS BASED ON USACE PROVIDED CADD NATIONAL CHANNEL FRAMEWORK.

LEGEND:

- EXISTING ENCROACHMENT ON MAINTAINED CHANNEL
- REMOVE MIN 2.00 BELOW MUDLINE & FILL TO EXISTING MUDLINE



NEW JERSEY TURNPIKE AUTHORITY

NEWARK BAY - HUDSON COUNTY EXTENSION PROGRAM
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NEW JERSEY

PIER E1 MINIMUM REMOVAL PLAN

CONSULTANTS:
GANNETT FLEMING, INC.
WSP USA, INC.

DATE: JAN. 26, 2024
SHEET: 2 OF 2

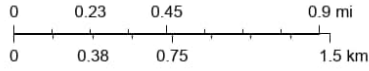
NJ Tidelands Claim Boundary - Newark Bay



12/21/2023, 11:37:46 AM

1:36,112

- County Boundaries
- CLAIMED



NYC OpenData, New Jersey Office of GIS, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA

NYC OpenData, New Jersey Office of GIS, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA | NJDEP | NJ Department of Environmental Protection