



November 4, 2024

Matt Wallach  
Maryland Department of the Environment Water and  
Sciences Administration  
1800 Washington Blvd  
Baltimore, Maryland 21230

Nicole Nasteff  
U.S. Army Corps of Engineers, Baltimore District  
2 Hopkins Plaza  
Baltimore, Maryland 21201-2930

Re: KB-4903: Francis Scott Key Bridge Rebuild Project  
Key Bridge Rebuild Joint Permit Application Amendment: 24-WL-0757/202461017

Dear Mr. Wallach and Mrs. Nasteff,

The Maryland Transportation Authority (MDTA) is submitting an amendment to the Joint Federal/State Application for the Alteration of Any Floodplain, Waterway, Tidal or Non-Tidal Wetland in Maryland (JPA) for the I-695 Francis Scott Key Bridge Rebuild project, located in Baltimore/Dundalk, Maryland (AI# 4229). The project is within the Baltimore Harbor Maryland 8-digit Watershed (02130903). This amendment reflects the inclusion of a temporary trestle structure in tidal waters to facilitate construction of the Francis Scott Key Bridge and an increase in the number of temporary mooring/template piles. The amendment includes the following information:

- Amended Joint Permit Application Page 2
- Amended Impact Plates & Summary of Impacts

The work in this amendment includes driving piles to construct a trestle over tidal waters and the addition of 200 temporary mooring/template piles. The trestle extends from the northeast and southwest shorelines along the proposed bridge and terminates between the original Key Bridge center piers and the proposed Key Bridge center piers approximately 200 feet from the navigation channel. The trestle includes finger piers and a short marine access pier on each shoreline. The trestle would increase temporary tidal waters impacts by 8,484 square feet (0.19 acres) and would have a total area above water of 400,001 square feet (9.18 acres). The additional 200 additional temporary mooring/template piles would increase temporary tidal water impacts by 1,414 square feet (0.03 acres).

MDTA anticipates the need for a public hearing during the public notice period for this amendment and is providing the following hearing details for inclusion in the public notice.

Location: North Point Edgemere Volunteer Fire Department  
7500 North Point Road  
Baltimore, Maryland 21219  
Date: December 2, 2024  
Time: Poster Session 4:30 PM – 5:30 PM  
Hearing 5:30 PM to 7:30 PM



If you need further assistance, please contact our authorized agent Mr. Justin Reel at (703) 338-4139 or via email at [jreel@rkk.com](mailto:jreel@rkk.com).

Sincerely,

Julie McCarthy,  
Natural Resources Lead, MDTA OEC

Enclosures

CC by email: Joseph DaVia, Kathy Anderson – USACE  
Heather Nelson, Danielle Spendiff, Tammy Roberson, Heather Hepburn – MDE  
Emily Dolbin – MDE Consultant Reviewer  
Hal Pitts, James Moore, Shelly Sugarman – USCG  
Jamie Pavona, Chris Millington - FHWA  
Brian Wolfe - MDTA  
Leyla Lange, Scott Miller – JMT  
Justin Reel – RK&K

**2. PROJECT DESCRIPTION**

**a. GIVE WRITTEN DESCRIPTION OF PROJECT:**

See Attachment A - Additional Information

Has any portion of the project been completed?  Yes  No If Yes, explain:

Is this a residential subdivision or commercial development?  Yes  No

If yes, total number of acres on property \_\_\_\_\_ acres

Will there be temporary or permanent tree clearing occurring on the overall project site (i.e., uplands and wetlands), including but not limited to, tree clearing for site development, road/highways, utilities, mining, stormwater management, restoration, energy production and transmission, etc.)? Yes  No

If yes, total estimated acres of tree clearing for the overall project site: 7.5 acres

Does the application propose temporary fill impacting wetlands or waterways that will remain in place for more than one year?  Yes  No

**b. ACTIVITY:** Check all activities that are proposed in the wetland, waterway, floodplain, and nontidal wetland buffer as appropriate.

- A.  filling
- B.  dredging
- C.  excavating
- D.  flooding or impounding water
- E.  draining
- F.  grading
- G.  removing or destroying vegetation
- H.  building structures

**575,389**

Area for item(s) checked: Wetland ~~565,491~~ (sq. ft.) Buffer (Nontidal Wetland Only) 46,601 (sq. ft.)  
Expanded Buffer (Nontidal Wetland Only) 0 (sq. ft.)

Area of stream impact 845 (sq. ft.)

Length of stream affected 272 (linear feet) See Attachment C for more detailed summary of impacts

**c. TYPE OF PROJECTS:** Project Dimensions

For each activity, give overall length and width (in feet), in columns 1 and 2. For multiple activities, give total area of disturbance in square feet in column 3. For activities in tidal waters, give maximum distance channelward (in feet) in column 4. For dam or small ponds, give average depth (in feet) for the completed project in column 5. Give the volume of fill or dredged material in column 6.

	Length (Ft.) 1	Width (Ft.) 2	Area (Sq. Ft.) 3	Maximum/Average Channelward Encroachment 4	Pond Depth 5	Volume of fill/dredge material (cubic yards) below MHW or OHW 6
A. <input type="checkbox"/> Bulkhead	_____	_____	_____	_____	_____	_____
B. <input type="checkbox"/> Revetment	_____	_____	_____	_____	_____	_____
C. <input type="checkbox"/> Vegetative Stabilization	_____	_____	_____	_____	_____	_____
D. <input type="checkbox"/> Gabions	_____	_____	_____	_____	_____	_____
E. <input type="checkbox"/> Groins	_____	_____	_____	_____	_____	_____
F. <input type="checkbox"/> Jetties	_____	_____	_____	_____	_____	_____
G. <input type="checkbox"/> Boat Ramp	_____	_____	_____	_____	_____	_____
H. <input type="checkbox"/> Pier	_____	_____	_____	_____	_____	_____
I. <input type="checkbox"/> Breakwater	_____	_____	_____	_____	_____	_____
J. <input type="checkbox"/> Repair & Maintenance	_____	_____	_____	_____	_____	_____
K. <input type="checkbox"/> Road Crossing	_____	_____	_____	_____	_____	_____
L. <input type="checkbox"/> Utility Line	_____	_____	_____	_____	_____	_____
M. <input type="checkbox"/> Outfall Construction	_____	_____	_____	_____	_____	_____
N. <input type="checkbox"/> Small Pond	_____	_____	_____	_____	_____	_____
O. <input type="checkbox"/> Dam	_____	_____	_____	_____	_____	_____
P. <input type="checkbox"/> Lot Fill	_____	_____	_____	_____	_____	_____
Q. <input type="checkbox"/> Building Structures	_____	_____	_____	_____	_____	_____
R. <input type="checkbox"/> Culvert	_____	_____	_____	_____	_____	_____
S. <input checked="" type="checkbox"/> Bridge	_____	_____	_____	_____	_____	_____
T. <input type="checkbox"/> Stream Channelization	_____	_____	_____	_____	_____	_____
U. <input type="checkbox"/> Parking Area	_____	_____	_____	_____	_____	_____
V. <input type="checkbox"/> Dredging	_____	_____	_____	_____	_____	_____

W.  1. X New 2. Maintenance 3. Hydraulic 4. Mechanical  
x Other (explain) See Attachment A - Additional Information



- ▭ Potential Limits of Disturbance
- ▭ Potential Temporary Pile Area
- ▭ Potential Temporary Trestle Area
- ▭ Proposed Bridge Area
- ▭ Navigation Channel Boundaries
- ▭ MHW Line
- ▭ Property Parcels
- ▭ Streams
- ▭ Wetlands
- ▭ 25ft Wetland Buffer
- ▭ Temporary Nontidal Waterway Impacts
- ▭ Permanent Tidal Waterway Impacts
- ▭ Permanent Emergent Nontidal Wetland Impacts
- ▭ Permanent 25ft Wetland Buffer Impacts
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- ▭ Temporary 25ft Wetland Buffer Impacts
- Utility Trench**
- ▭ Electric
- ▭ Gas
- ▭ Water



  
 Maryland  
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OF TRANSPORTATION  
STATE HIGHWAY  
ADMINISTRATION

**Francis Scott Key  
Bridge  
Rebuild Project  
Impact Plates**

Page 1 of 9
November 2024



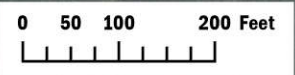
PEM Wetland 2WETD  
Permanent Wetland  
& Buffer Impacts for  
Roadway Grading

BALTIMORE BELTWAY



AUTHORITY DR

Patapsco River

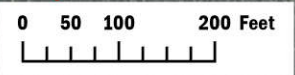
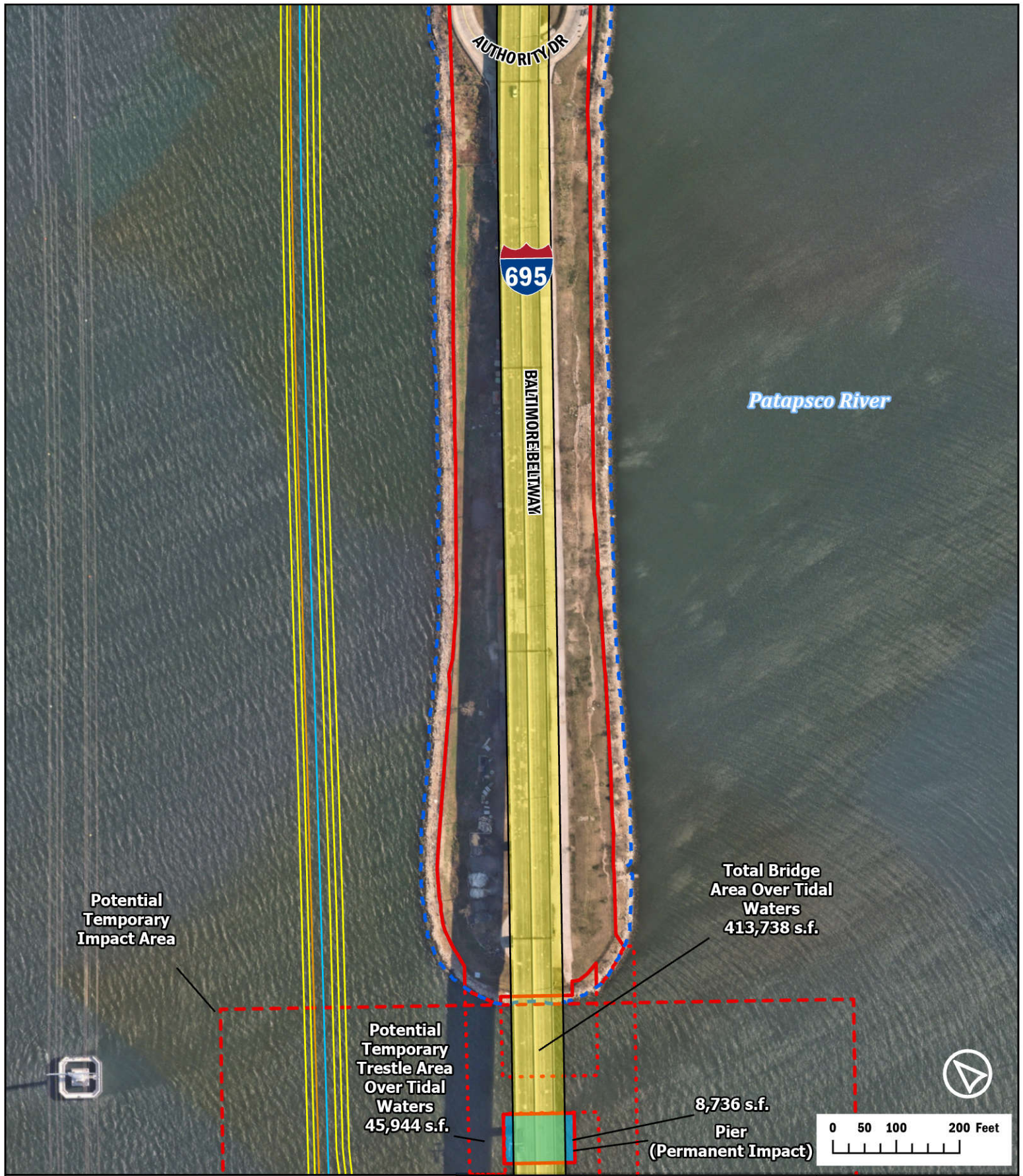


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**Francis Scott Key  
Bridge  
Rebuild Project  
Impact Plates**

Page 2 of 9 November 2024



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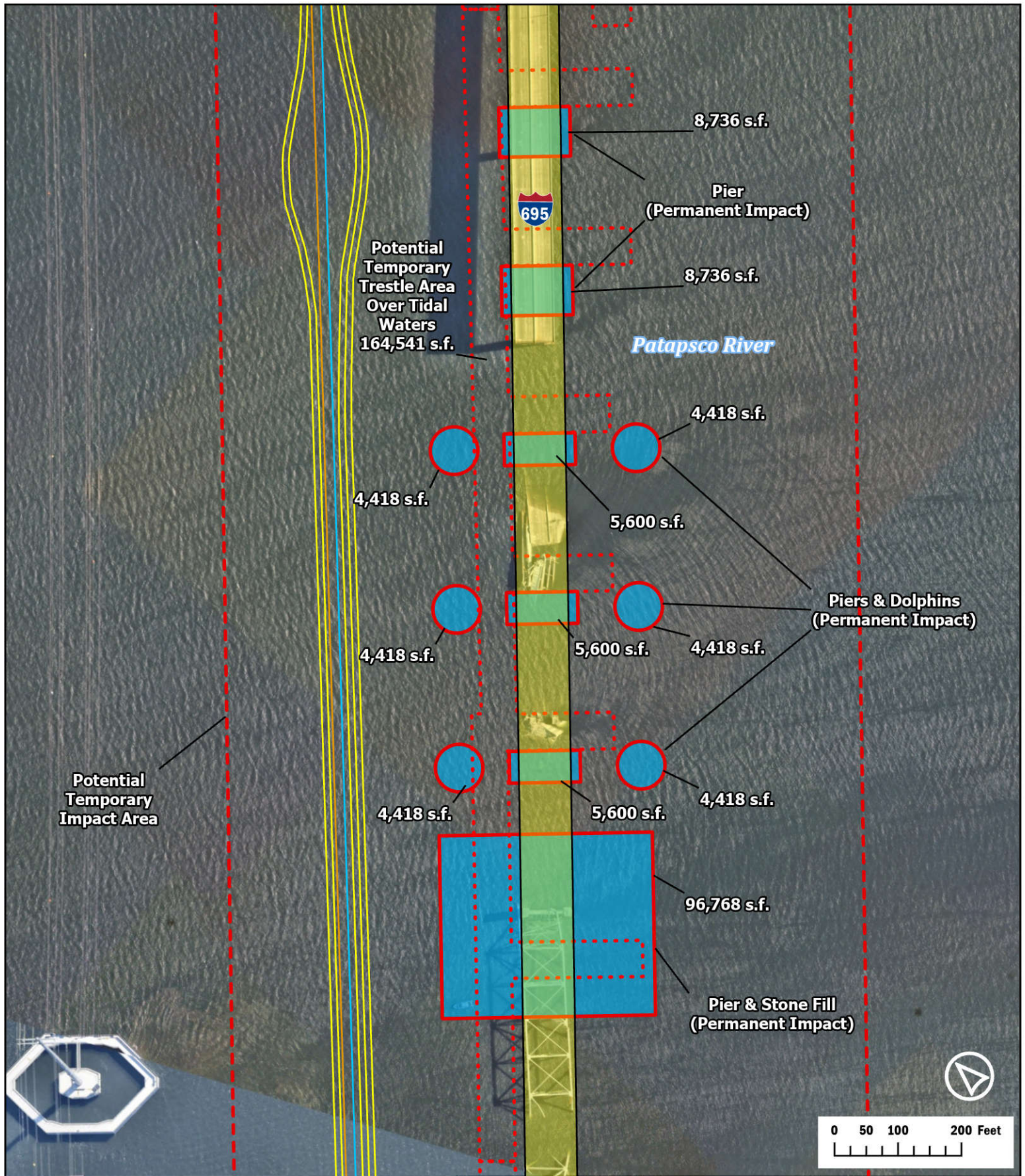
MDTA  
Maryland Transportation Authority

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**Francis Scott Key Bridge Rebuild Project**

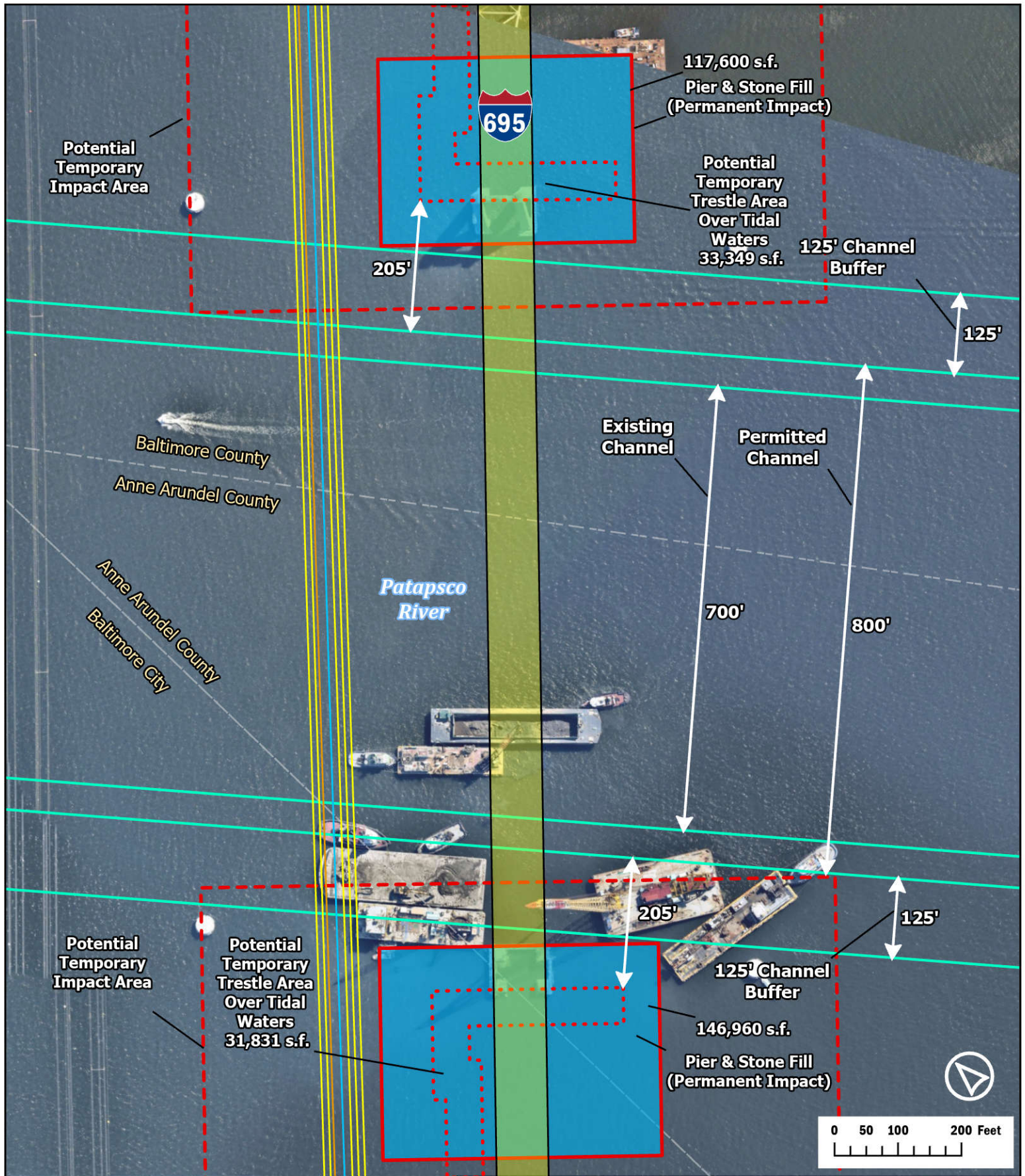
**Impact Plates**

Page 3 of 9      November 2024



Potential Limits of Disturbance	Temporary Nontidal Waterway Impacts
Potential Temporary Pile Area	Permanent Tidal Waterway Impacts
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Property Parcels	<b>Utility Trench</b>
Streams	Electric
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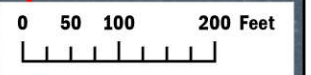
  
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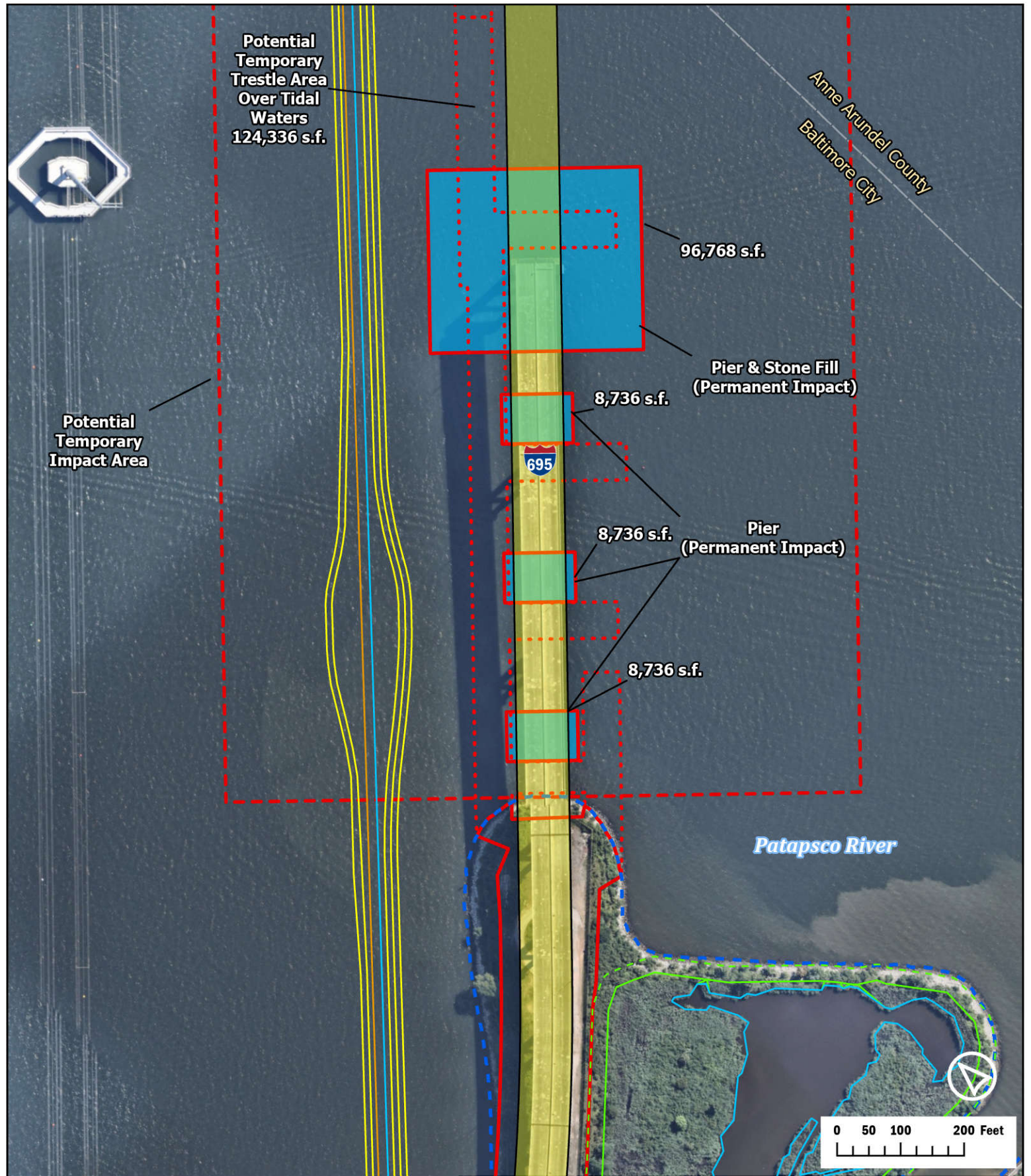
### Francis Scott Key Bridge Rebuild Project

#### Impact Plates

Page 5 of 9
November 2024





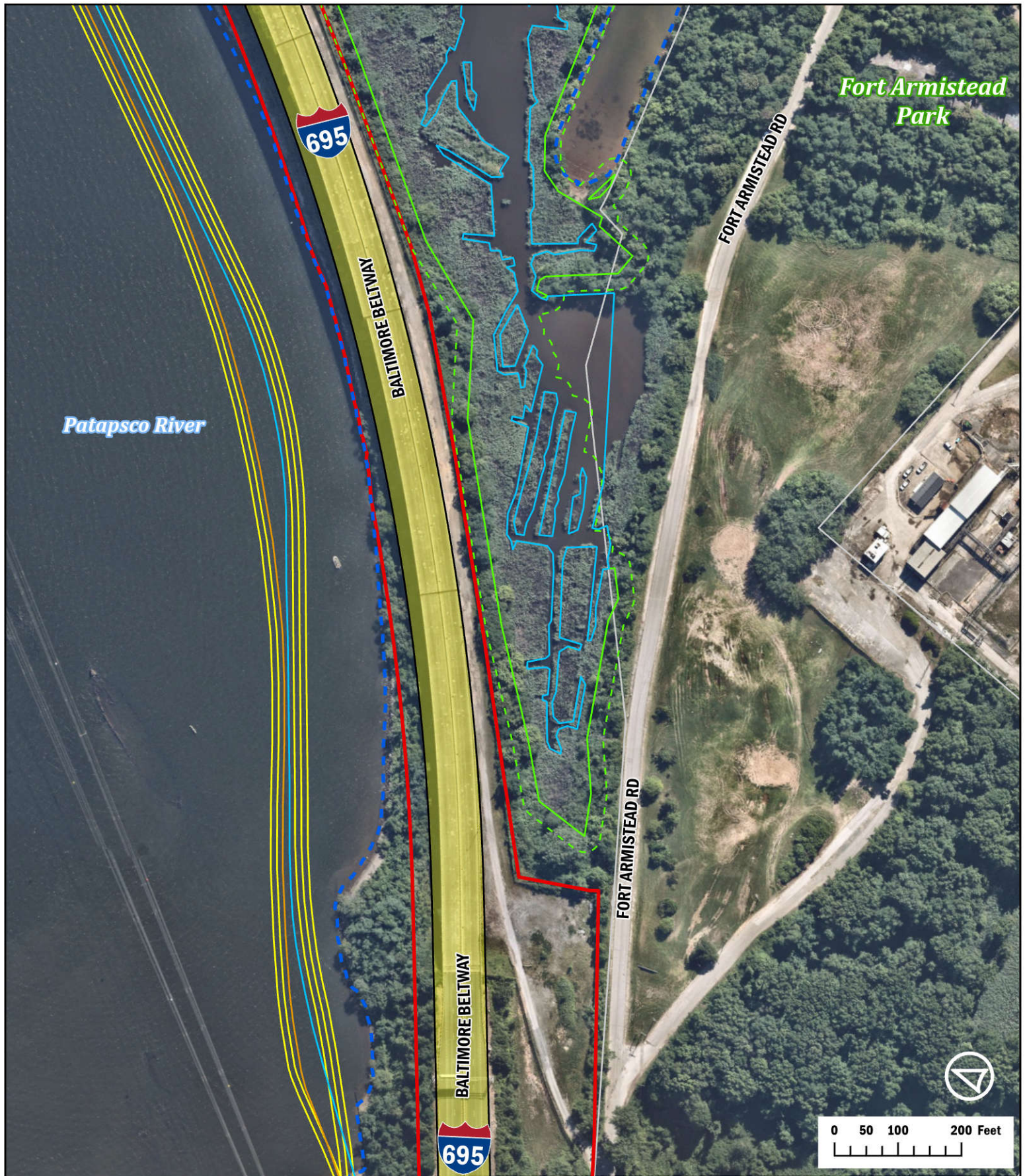


Potential Limits of Disturbance	Temporary Nontidal Waterway Impacts
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**Francis Scott Key Bridge Rebuild Project**  
**Impact Plates**

Page 6 of 9      November 2024

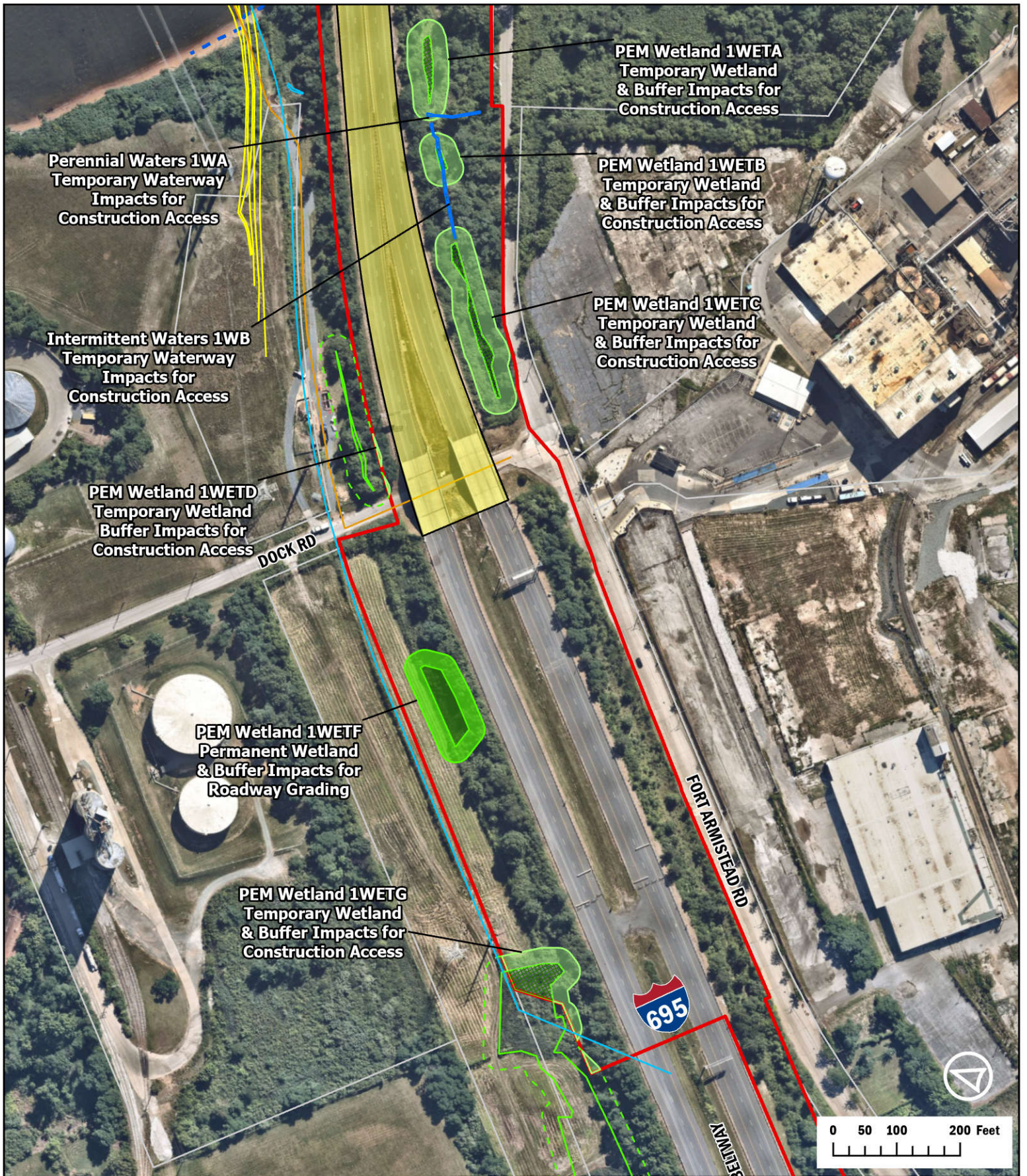


- |                                  |   |
|----------------------------------|---|
| Potential Limits of Disturbance  | Temporary Nontidal Waterway Impacts         |
| Potential Temporary Pile Area    | Permanent Tidal Waterway Impacts            |
| Potential Temporary Trestle Area | Permanent Emergent Nontidal Wetland Impacts |
| Proposed Bridge Area             | Permanent 25ft Wetland Buffer Impacts       |
| Navigation Channel Boundaries    | Temporary Emergent Nontidal Wetland Impacts |
| MHW Line                         | Temporary 25ft Wetland Buffer Impacts       |
| Property Parcels                 | <b>Utility Trench</b>                       |
| Streams                          | Electric                                    |
| Wetlands                         | Gas   |
| 25ft Wetland Buffer              | Water                                       |



**Francis Scott Key  
 Bridge  
 Rebuild Project  
 Impact Plates**

Page 7 of 9 November 2024



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**Francis Scott Key Bridge Rebuild Project**  
**Impact Plates**

Page 8 of 9      November 2024



- |                                  |   |
|----------------------------------|---|
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| Streams                          | Electric                                    |
| Wetlands                         | Gas   |
| 25ft Wetland Buffer              | Water                                       |



**Francis Scott Key  
Bridge  
Rebuild Project  
Impact Plates**

Page 9 of 9 November 2024

**Francis Scott Key Bridge Rebuild Project - Total Impacts - November 2024**

<b>Resource Type</b>	<b>Impacted Area (SF)</b>	<b>Impacted Length (LF)</b>
Temporary Perennial Nontidal Waterway Impacts	246	85
Temporary Intermittent Nontidal Waterway Impacts	599	187
Temporary Tidal Waterway Impacts	10,605*	-
Permanent Tidal Waterway Impacts	553,820	-
Temporary Emergent Nontidal Wetland Impacts	6,628	-
Permanent Emergent Nontidal Wetland Impacts	4,336	-
Temporary 25ft Wetland Buffer Impacts	32,186	-
Permanent 25ft Wetland Buffer Impacts	14,415	-

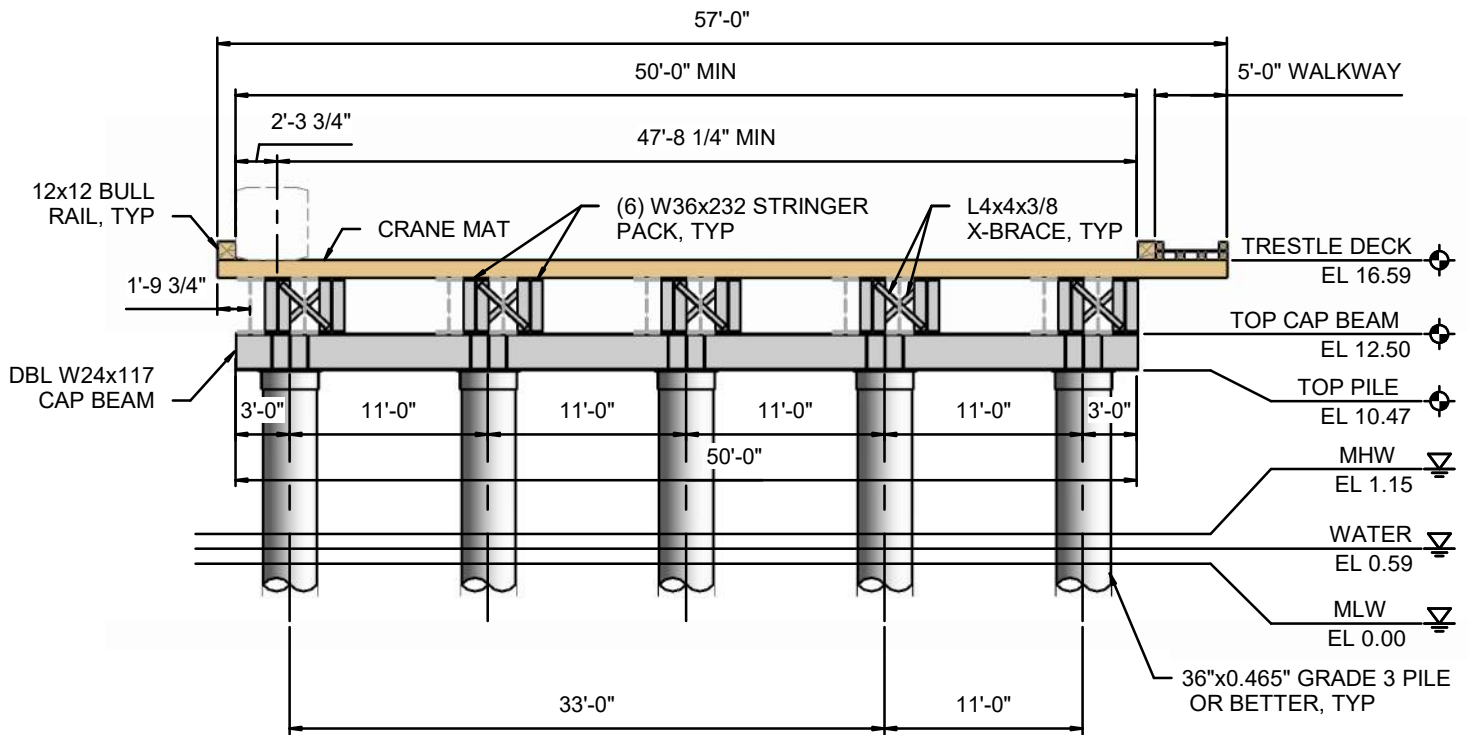
*\*This impact area includes 1,200 36" temporary trestle piles and 300 36" temporary mooring/template piles. Mooring/template piles locations are not determined and are not shaded on the impact plates.*

**Francis Scott Key Bridge Rebuild Project - Impacts by Resource - November 2024**

Resource ID	Resource Classification	Permanent Impact (SF)	Temporary Impact (SF)	Permanent Impact (LF)	Temporary Impact (LF)	Plate Number
2WETD	PEM	674	-	-	-	2
2WETD Buffer	25ft Wetland Buffer	4,777	-	-	-	2
Patapsco River	Tidal Waters	553,820	10,605*	-	-	3-6
1WETA	PEM	-	1,006	-	-	8
1WETA Buffer	25ft Wetland Buffer	-	7,465	-	-	8
1WA	Perennial Waters	-	246	-	85	8
1WB	Intermittent Waters	-	599	-	187	8
1WETB	PEM	-	166	-	-	8
1WETB Buffer	25ft Wetland Buffer	-	3,872	-	-	8
1WETC	PEM	-	2,249	-	-	8
1WETC Buffer	25ft Wetland Buffer	-	15,061	-	-	8
1WETD Buffer	25ft Wetland Buffer	-	179	-	-	8
1WETF	PEM	3,662	-	-	-	8
1WETF Buffer	25ft Wetland Buffer	9,638	-	-	-	8
1WETG	PEM	-	3,207	-	-	8
1WETG Buffer	25ft Wetland Buffer	-	5,609	-	-	8

*\*This impact area includes 1,200 36" temporary trestle piles and 300 36" temporary mooring/template piles. Mooring/template piles locations are not determined and are not shaded on the impact plates.*

# Proposed Temporary Trestle



## **TYPICAL SECTION**

SCALE: 3/32" = 1'-0"



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**Francis Scott Key Bridge  
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**Impact Plates  
November 2024**