



I-95 EXPRESS TOLL LANES (ETL) NORTHBOUND EXTENSION



I-95 ETL Northbound Extension Program Phase I Permit Modification

**Virtual MDE Public Hearing
March 4, 2021**

mdta.maryland.gov/I95ETLNB/home.html

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- Maryland Transportation Authority (MDTA) is responsible for constructing, managing, operating, and improving toll facilities in Maryland.
- All MDTA projects and services are funded through toll dollars.



Discussion Overview

- I-95 ETL Northbound Extension Program Overview
- Design Changes that Impact Phase I Permit
- Overview of Proposed Mitigation Plan





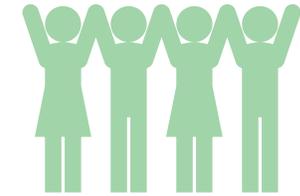
Purpose and Need



Provide congestion relief
and reduce travel times



Improve safety for users

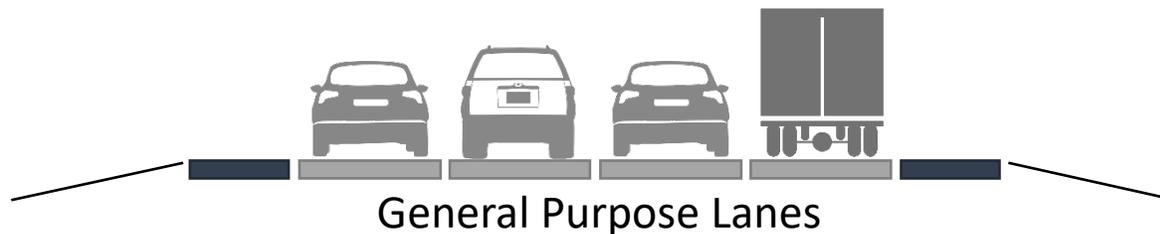


Increase quality of life

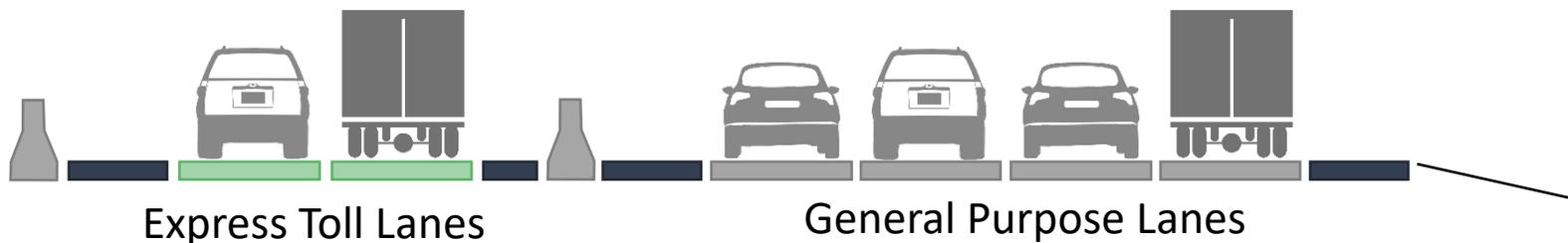


Northbound I-95 Mainline Typical Sections

EXISTING

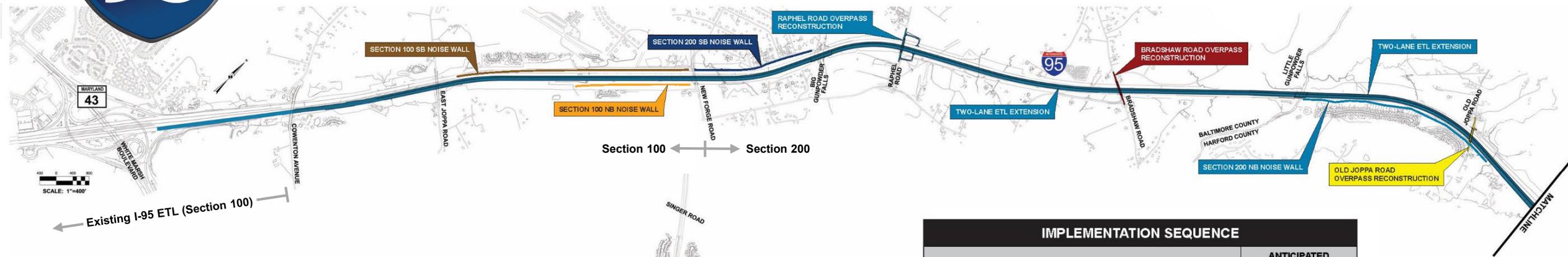


PROPOSED





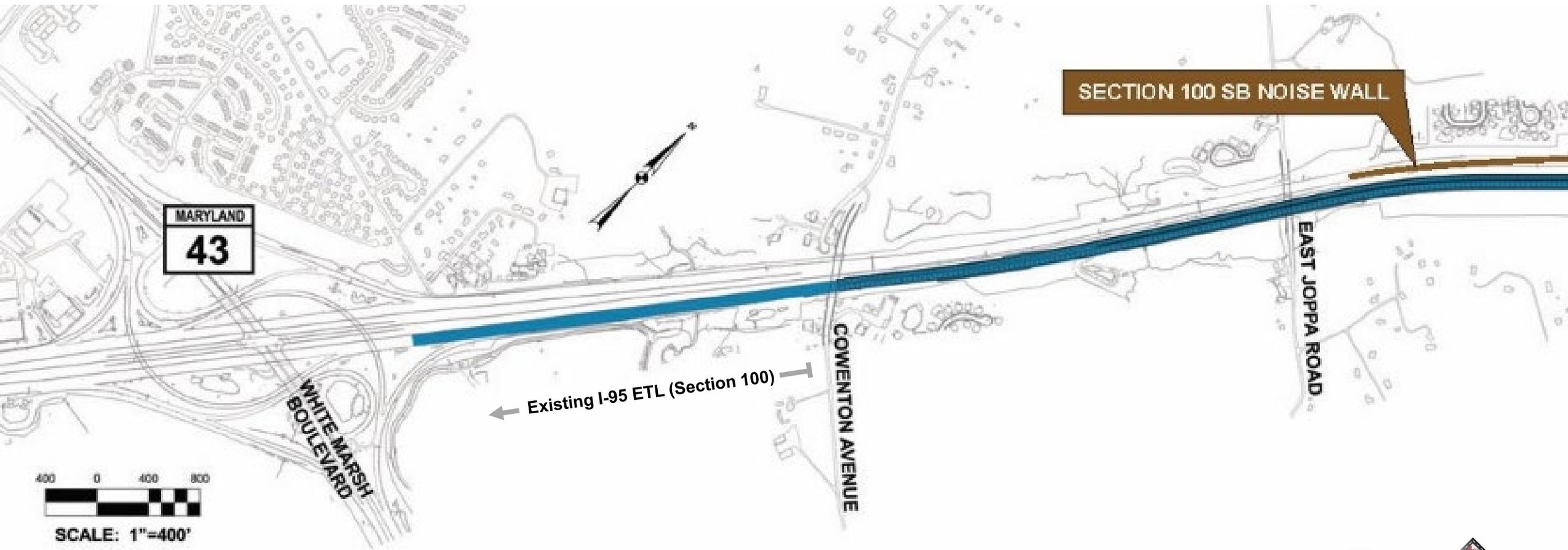
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IMPLEMENTATION SEQUENCE		
CONTRACT		ANTICIPATED CONSTRUCTION SCHEDULE
PHASE I		
KH-3012	BRADSHAW ROAD OVERPASS RECONSTRUCTION	COMPLETED
KH-3013	SECTION 100 SB NOISE WALL	COMPLETED
KH-3016	SECTION 100 NB NOISE WALL	COMPLETED
KH-3009	I-95 NB TWO-LANE ETL EXTENSION TO MD 152 RAPHEL ROAD OVERPASS RECONSTRUCTION SECTION 200 NB NOISE WALL	SPRING 2021 – SUMMER 2024
KH-3015	OLD JOPPA ROAD OVERPASS RECONSTRUCTION	COMPLETED
KH-3010	I-95 NB AUXILIARY LANE MD 152 TO MD 24 MODIFY MD 24/MD 924 RAMP	SPRING 2019 – SUMMER 2021
KH-3014	SECTION 200 SB NOISE WALL	WINTER 2020/21 – SPRING 2022

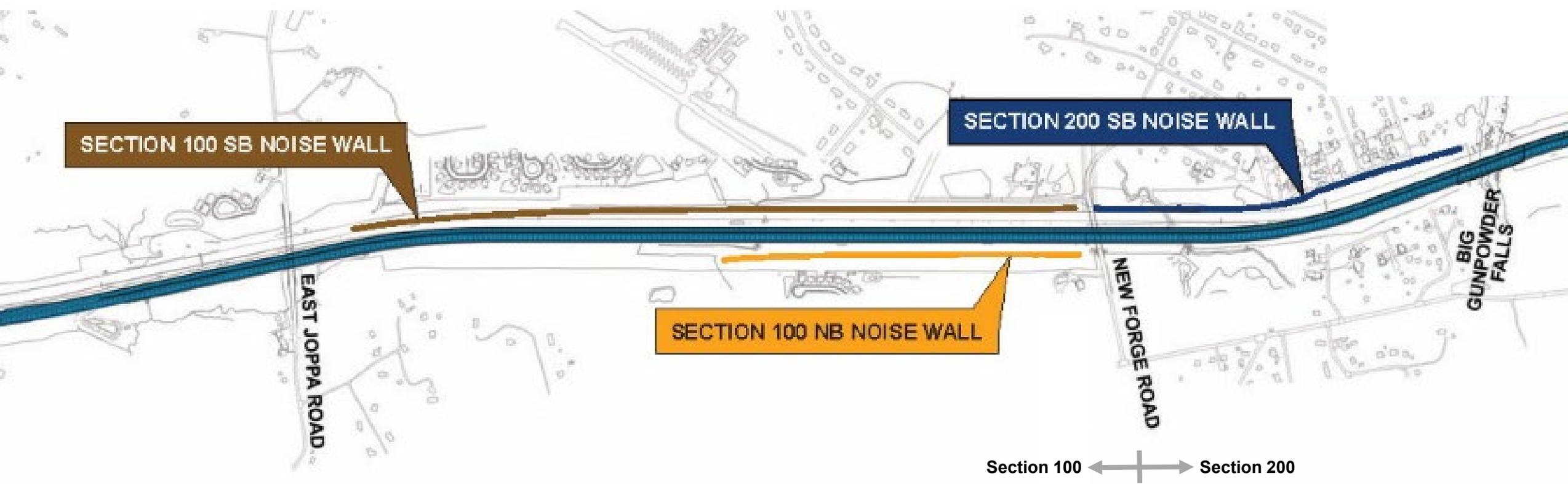


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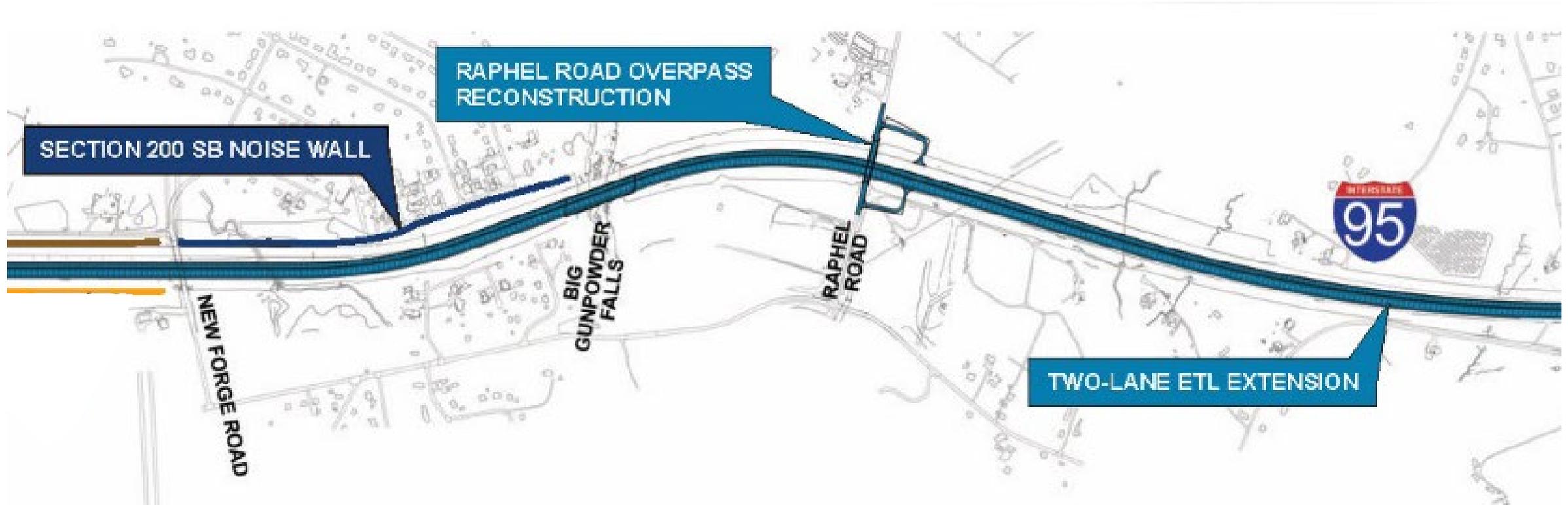


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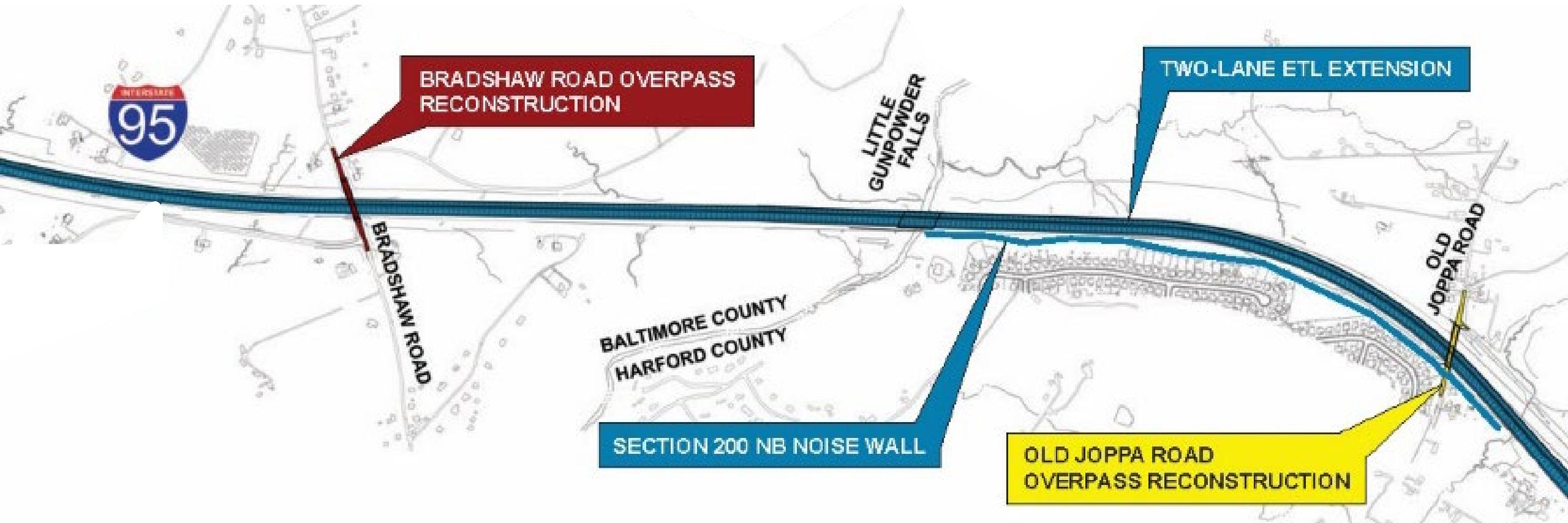


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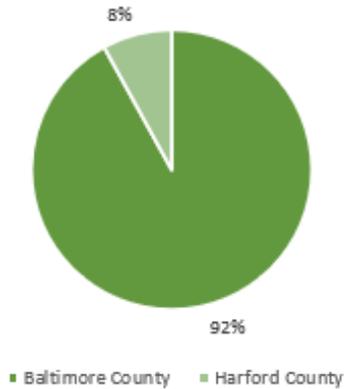
Resource Impacts and Mitigation Requirements

Resource	Current Impacts		Change From Permit Impacts	
	Permanent	Temporary	Permanent	Temporary
Emergent Nontidal Wetland (SF)	29,868	10,363	23,472	-171
Scrub-Shrub Nontidal Wetland (SF)	1,135	0	-16,351	-22,930
Forested Nontidal Wetland (SF)	77,349	19,160	76,621	19,160
Vernal Pool Nontidal Wetland (SF)	420	0	420	0
Forested/Emergent Nontidal Wetland (SF)	4,056	0	189	0
25-foot Nontidal Wetland Buffer (SF)	282,816	42,618	188,343	-2,070
Total Perennial Waterway (LF)	2,105	721	19	-31,033
Total Intermittent Waterway (LF)	4,218	596	610	-20,004
Total Floodplain (SF)	193,262	34,653	-61,426	7,998
	Required Mitigation (MDE)		Change From Permit Required Mitigation (MDE)	
Wetlands (SF)	196,208		145,650	
Waterways (LF)	1,943*		-2,062*	
*1,771 LF of impacted streams were already mitigated for under the Section 100 mitigation package, and are not included in these totals				
Decrease in impact		Increase in impact		

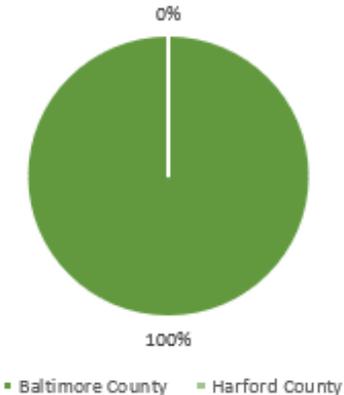


Location of Impacts vs. Mitigation

Wetland Impacts

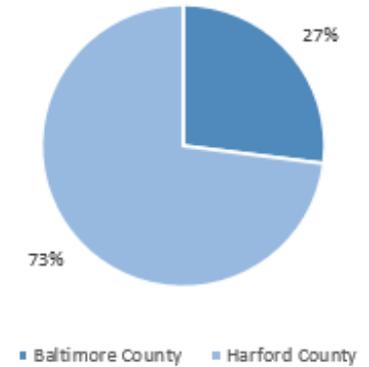


Wetland Mitigation

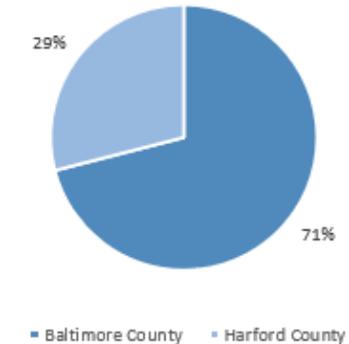


Resource Location Breakdown			
Resource		Per County	
		Baltimore	Harford
Wetlands	Roadway Impacts	92%	8%
	Mitigation	100%	0%
Streams	Roadway Impacts*	27%	73%
	Mitigation*	71%	29%

Stream Impacts



Stream Mitigation

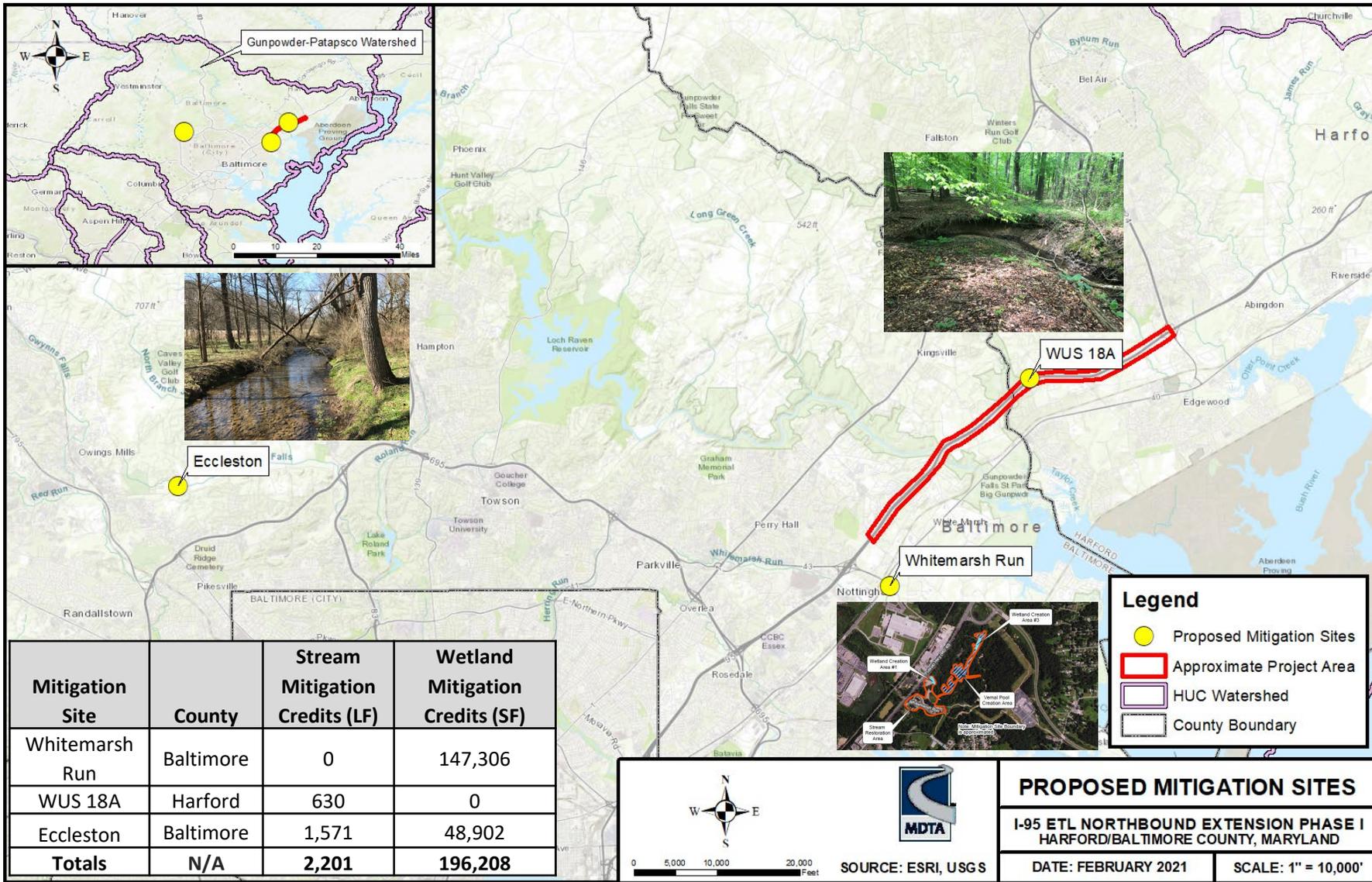


*1,771 LF of impacted streams were already mitigated for under the Section 100 mitigation package, and are not included in these totals; Section 100 impacts and mitigation are entirely located in Baltimore County

All impacts and mitigation sites are located within the Gunpowder-Patapsco Watershed

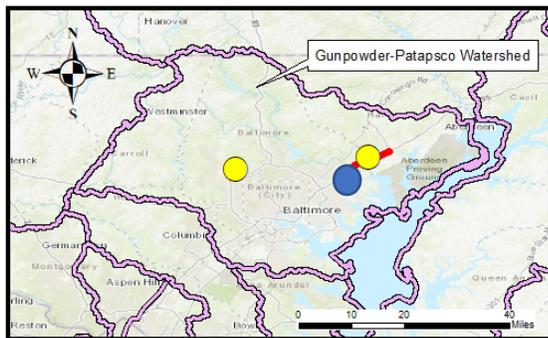


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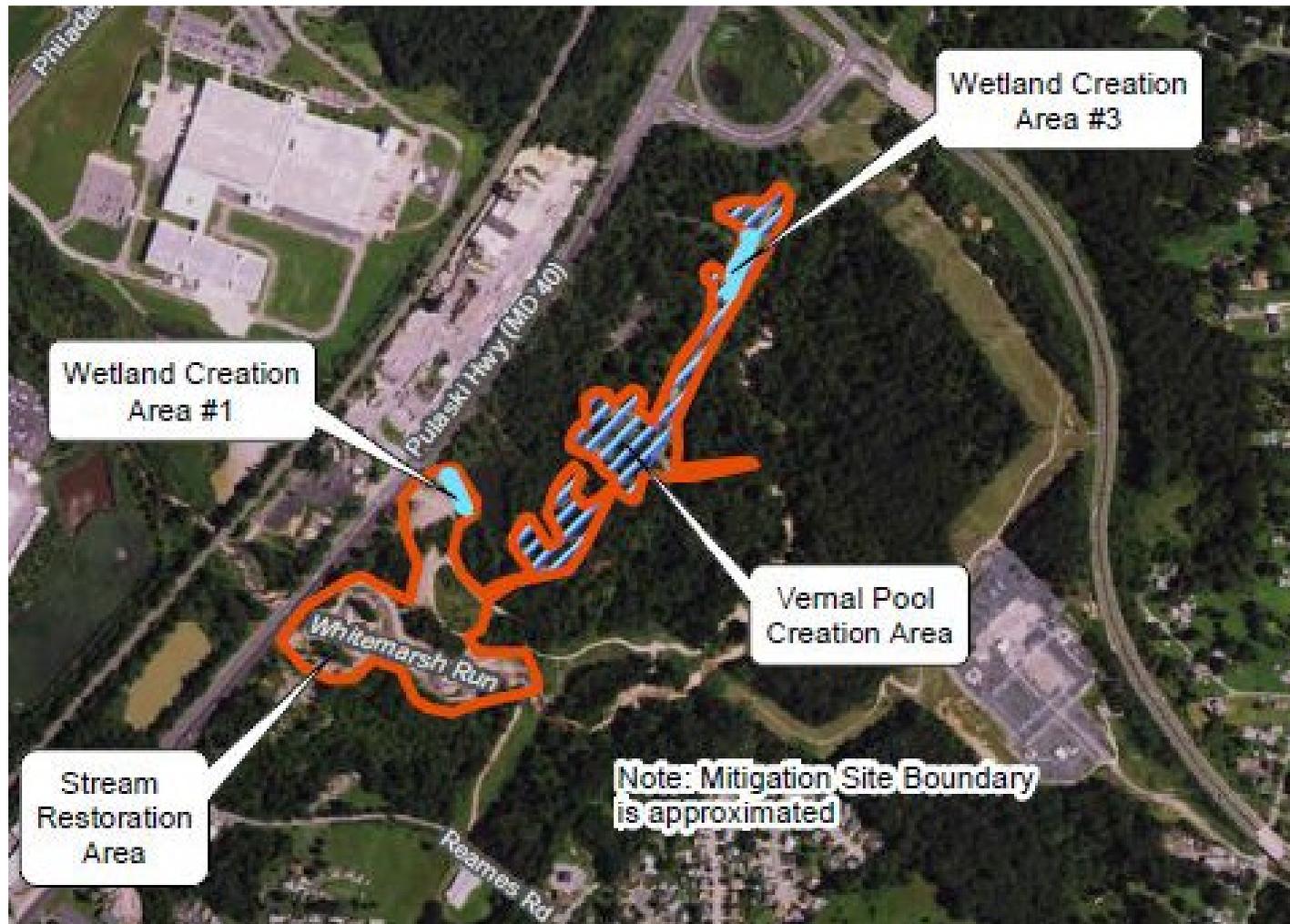
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Whitemarsh Run

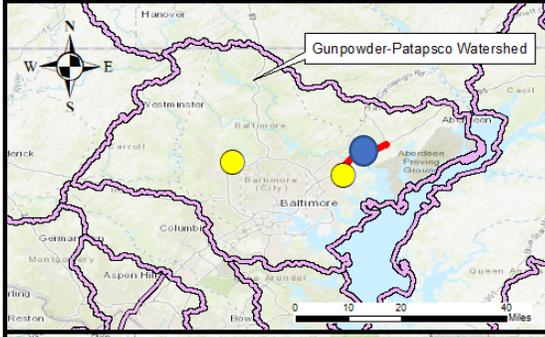
147,306 square feet of wetland mitigation credits

Originally wetland and stream mitigation for Section 100





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WUS 18A along
SB I-95 within
MDTA R-O-W

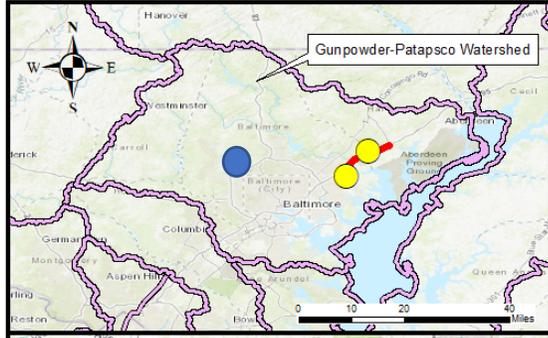
630 linear feet of stream
mitigation credits

Restoration design will
return the stream to a
more natural sinuosity
and address bank erosion





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Eccleston

1,571 linear feet of stream mitigation credits and 48,902 square feet of wetland mitigation credits

Reconnecting stream to floodplain, restoring sinuosity, removing fish blockages and creating wetlands



FORMAL TESTIMONY SESSION

All testimonies will be part of the public record and considered for the final determination by the Department.

Attendees will be called upon to provide testimony in the following order *:

- Elected officials
- Representatives of any government agencies
- Members of the public

* Upon announcement, please click icon  on the control panel on right side of the screen to raise the hand.