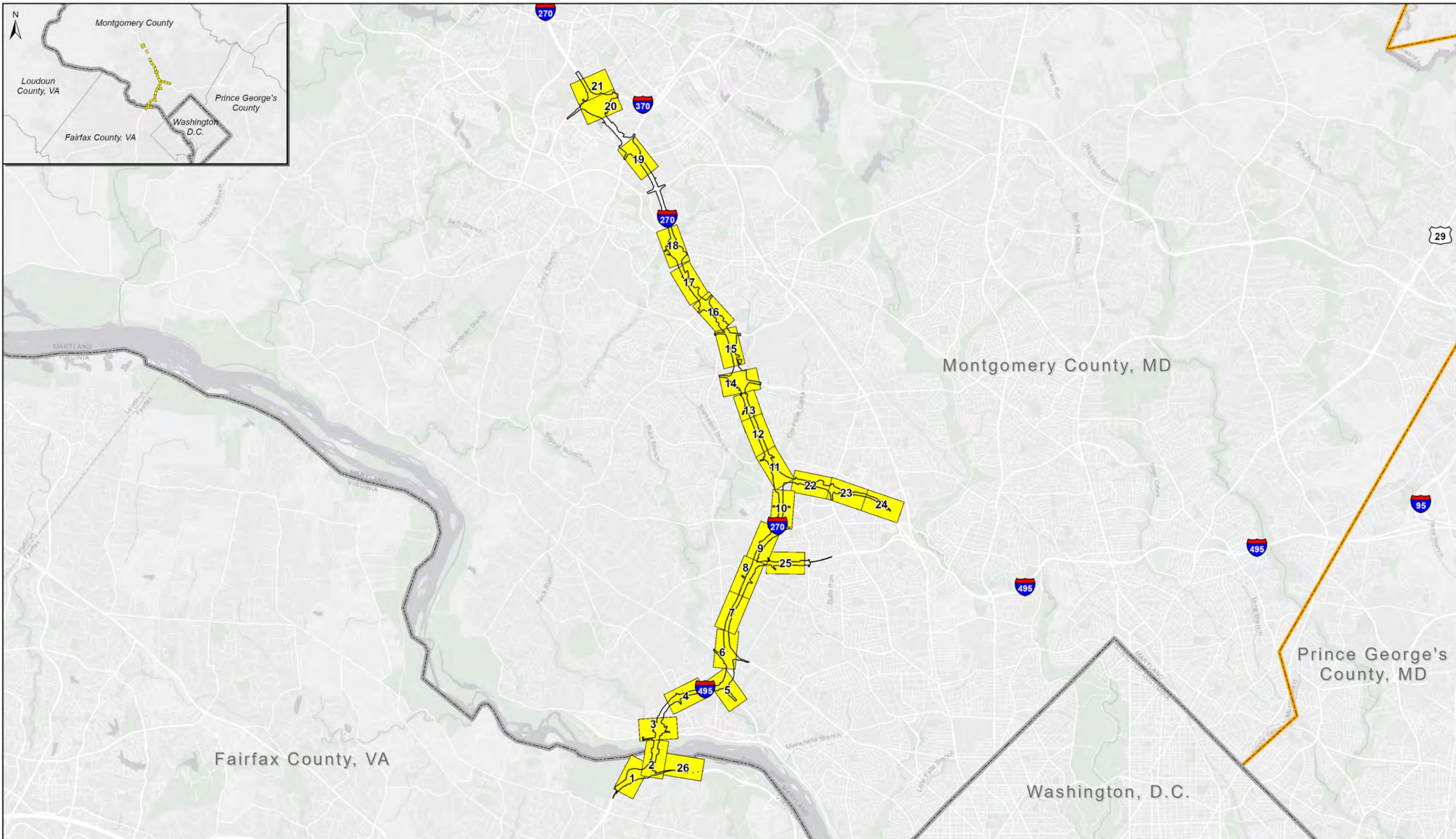
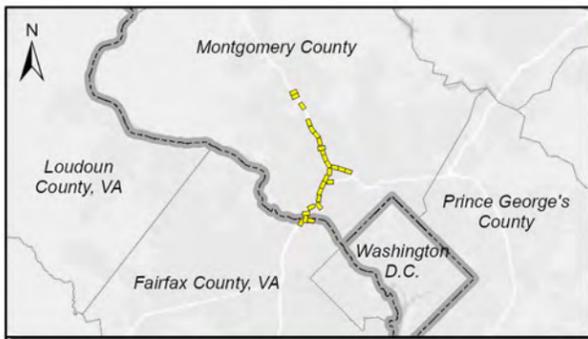


Wetland and Waterway Impact Plates



OP•LANES™
M A R Y L A N D

I-495 & I-270 Managed Lanes Study



LEGEND

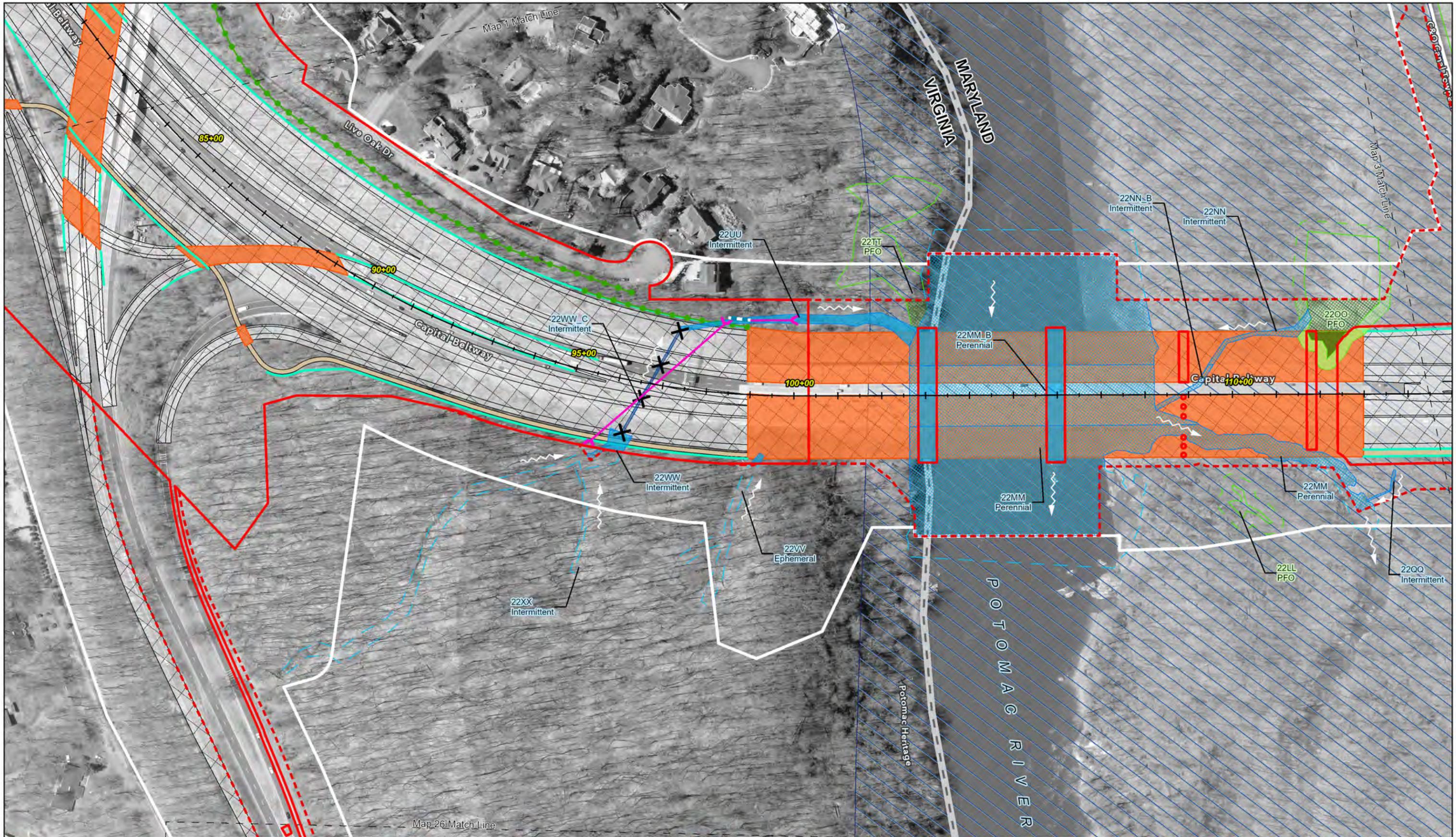
- Impact Plate
- Limit of Disturbance
- State Boundary
- County Boundary

0 0.75 1.5 3 Miles

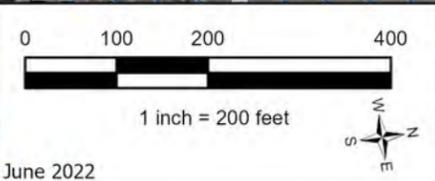
June 2022

**Wetland and Waterway
Impact Plates
Key Sheet**





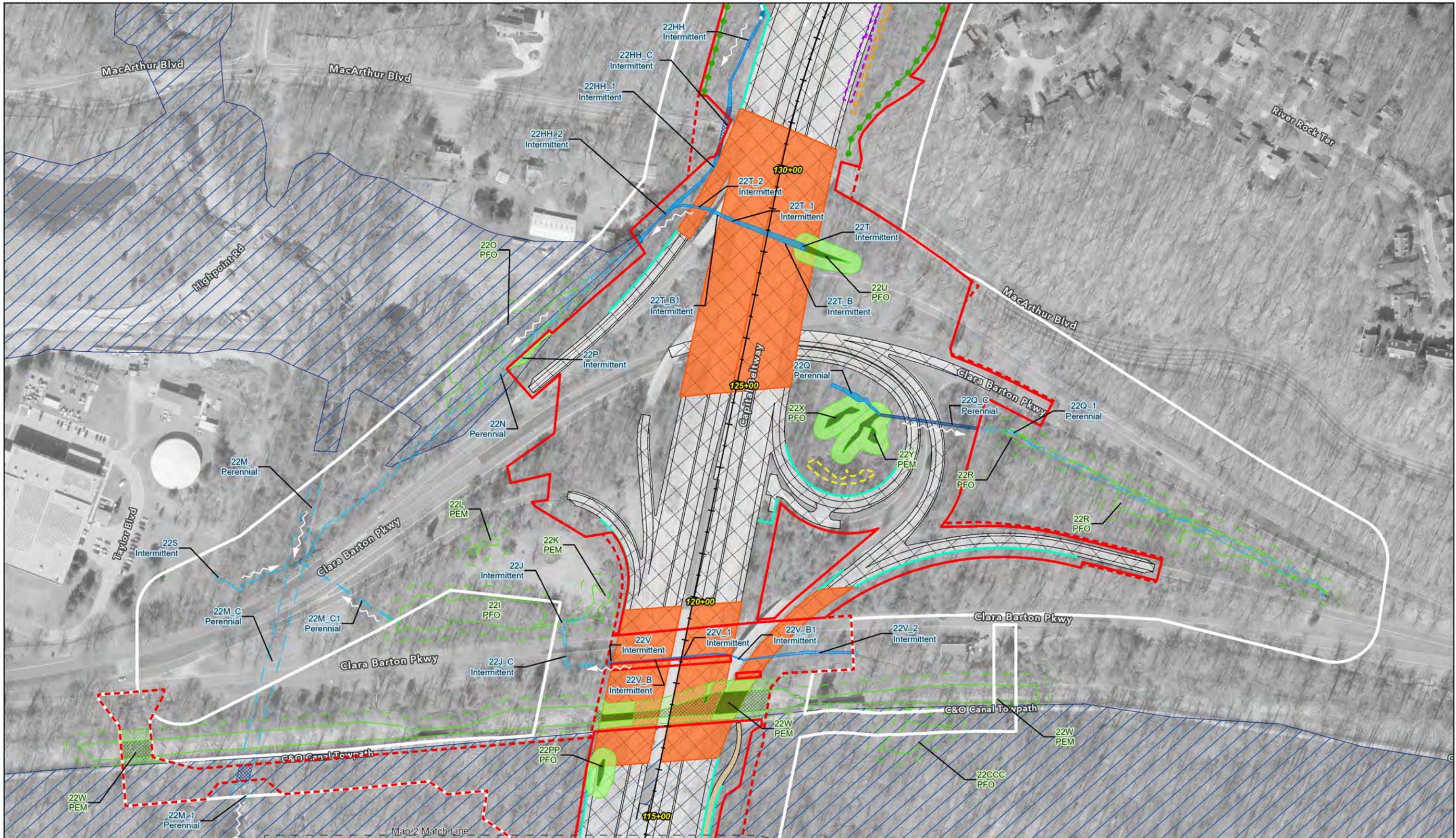
RPA Limit of Disturbance Temp	Proposed Retaining Wall	Bridge	Waterway Impact Perm	Wetland Buffer Impact Perm
RPA Limit of Disturbance Perm	New/Augmented Pipe/Culvert	Limit Of Improved SWM / Storage	Waterway Impact Temp	Wetland Buffer Impact Temp
Delineation Limits	Relocated Channel	Limit Of Restoration	Culvert Impact Perm	Stream No Impact
Proposed Pavement	Proposed SWM - Pond	Limit Of Stabilization	Culvert Impact Temp	Wetland No Impact
Noise Wall Proposed	Proposed SWM - Swale	Shared Use Path	Wetland Impact Perm	Wetland Buffer No Impact
Noise Wall Existing	Proposed SWM - Vault	Flow Direction	Wetland Impact Temp	FEMA 100-Year Floodplain



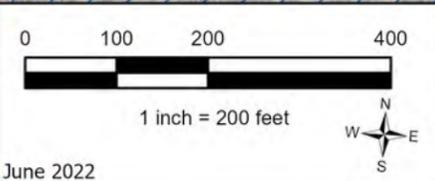
Virginia
Wetland and Waterway
Impact Plates
 Mainline Impact Plate 2



June 2022



RPA Limit of Disturbance Temp	Proposed Retaining Wall	Bridge	Waterway Impact Perm	Wetland Buffer Impact Perm
RPA Limit of Disturbance Perm	New/Augmented Pipe/Culvert	Limit Of Improved SWM / Storage	Waterway Impact Temp	Wetland Buffer Impact Temp
Delineation Limits	Relocated Channel	Limit Of Restoration	Culvert Impact Perm	Stream No Impact
Proposed Pavement	Proposed SWM - Pond	Limit Of Stabilization	Culvert Impact Temp	Wetland No Impact
Noise Wall Proposed	Proposed SWM - Swale	Shared Use Path	Wetland Impact Perm	Wetland Buffer No Impact
Noise Wall Existing	Proposed SWM - Vault	Flow Direction	Wetland Impact Temp	FEMA 100-Year Floodplain



**Maryland
Wetland and Waterway
Impact Plates**

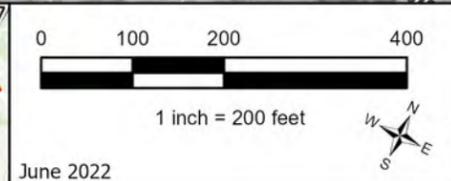
Mainline Impact Plate 3



June 2022



RPA Limit of Disturbance Temp	Proposed Retaining Wall	Bridge	Waterway Impact Perm	Wetland Buffer Impact Perm
RPA Limit of Disturbance Perm	New/Augmented Pipe/Culvert	Limit Of Improved SWM / Storage	Waterway Impact Temp	Wetland Buffer Impact Temp
Delineation Limits	Relocated Channel	Limit Of Restoration	Culvert Impact Perm	Stream No Impact
Proposed Pavement	Proposed SWM - Pond	Limit Of Stabilization	Culvert Impact Temp	Wetland No Impact
Noise Wall Proposed	Proposed SWM - Swale	Shared Use Path	Wetland Impact Perm	Wetland Buffer No Impact
Noise Wall Existing	Proposed SWM - Vault	Flow Direction	Wetland Impact Temp	FEMA 100-Year Floodplain

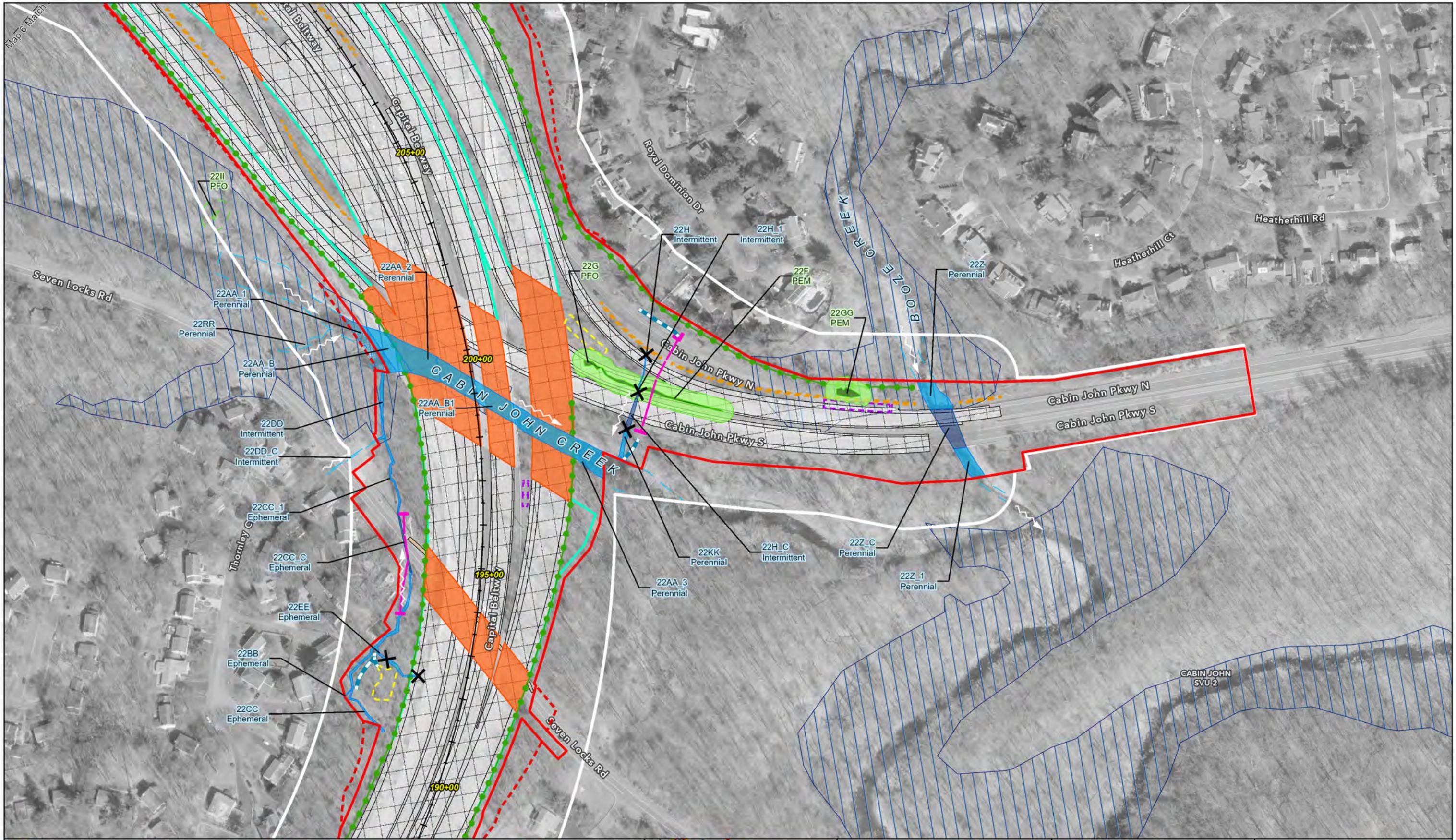


**Maryland
Wetland and Waterway
Impact Plates**

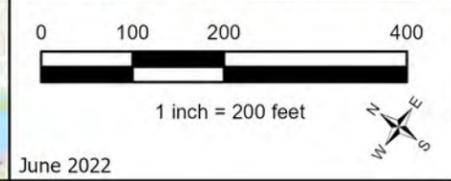
Mainline Impact Plate 4



June 2022



RPA Limit of Disturbance Temp	Proposed Retaining Wall	Bridge	Waterway Impact Perm	Wetland Buffer Impact Perm
RPA Limit of Disturbance Perm	New/Augmented Pipe/Culvert	Limit Of Improved SWM / Storage	Waterway Impact Temp	Wetland Buffer Impact Temp
Delineation Limits	Relocated Channel	Limit Of Restoration	Culvert Impact Perm	Stream No Impact
Proposed Pavement	Proposed SWM - Pond	Limit Of Stabilization	Culvert Impact Temp	Wetland No Impact
Noise Wall Proposed	Proposed SWM - Swale	Shared Use Path	Wetland Impact Perm	Wetland Buffer No Impact
Noise Wall Existing	Proposed SWM - Vault	Flow Direction	Wetland Impact Temp	FEMA 100-Year Floodplain

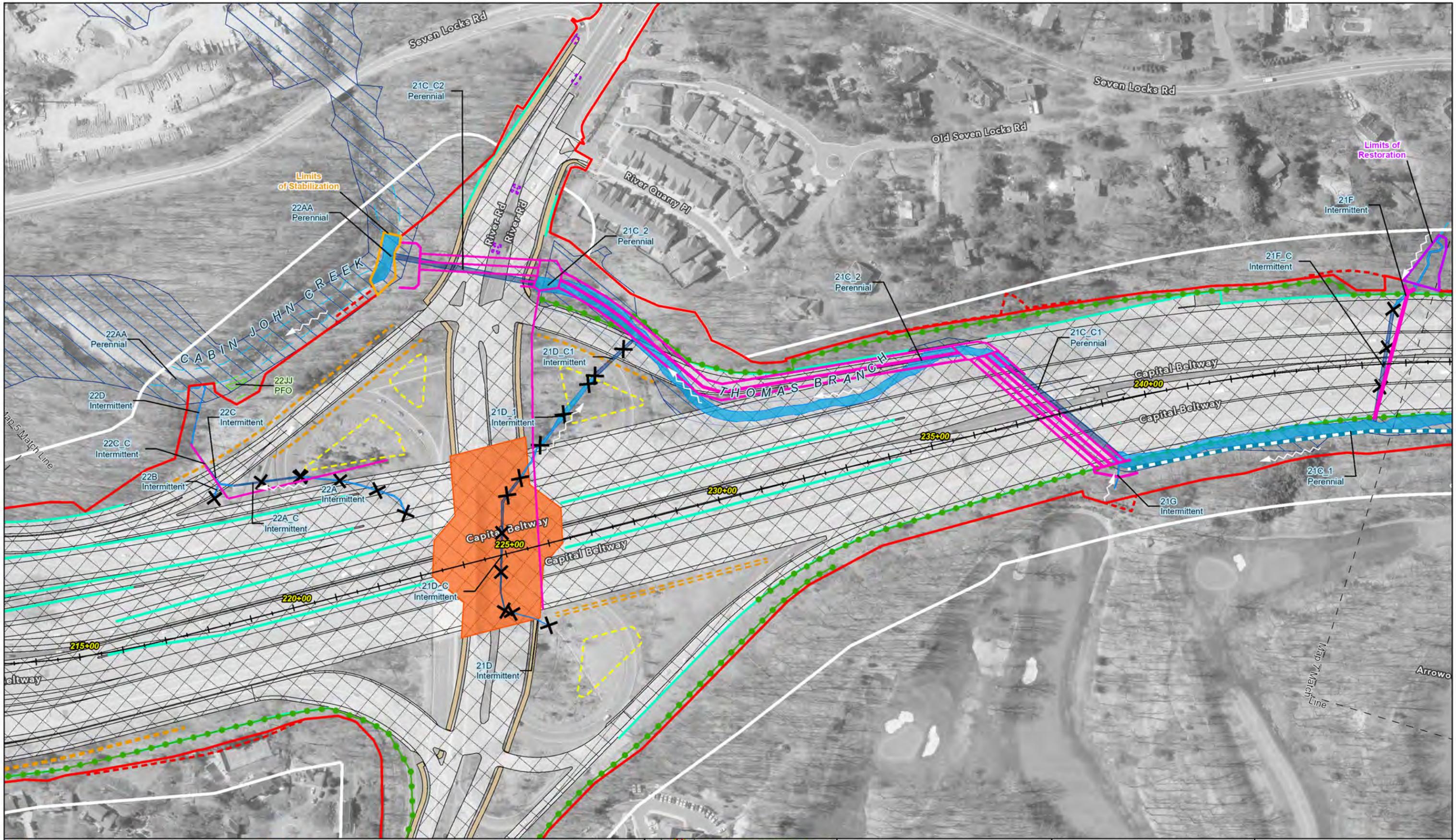


**Maryland
Wetland and Waterway
Impact Plates**

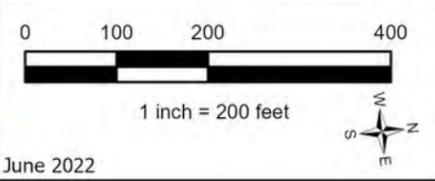
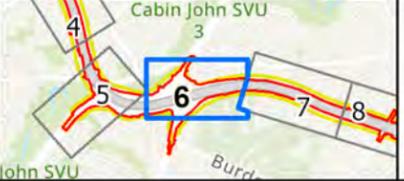
Mainline Impact Plate 5



June 2022



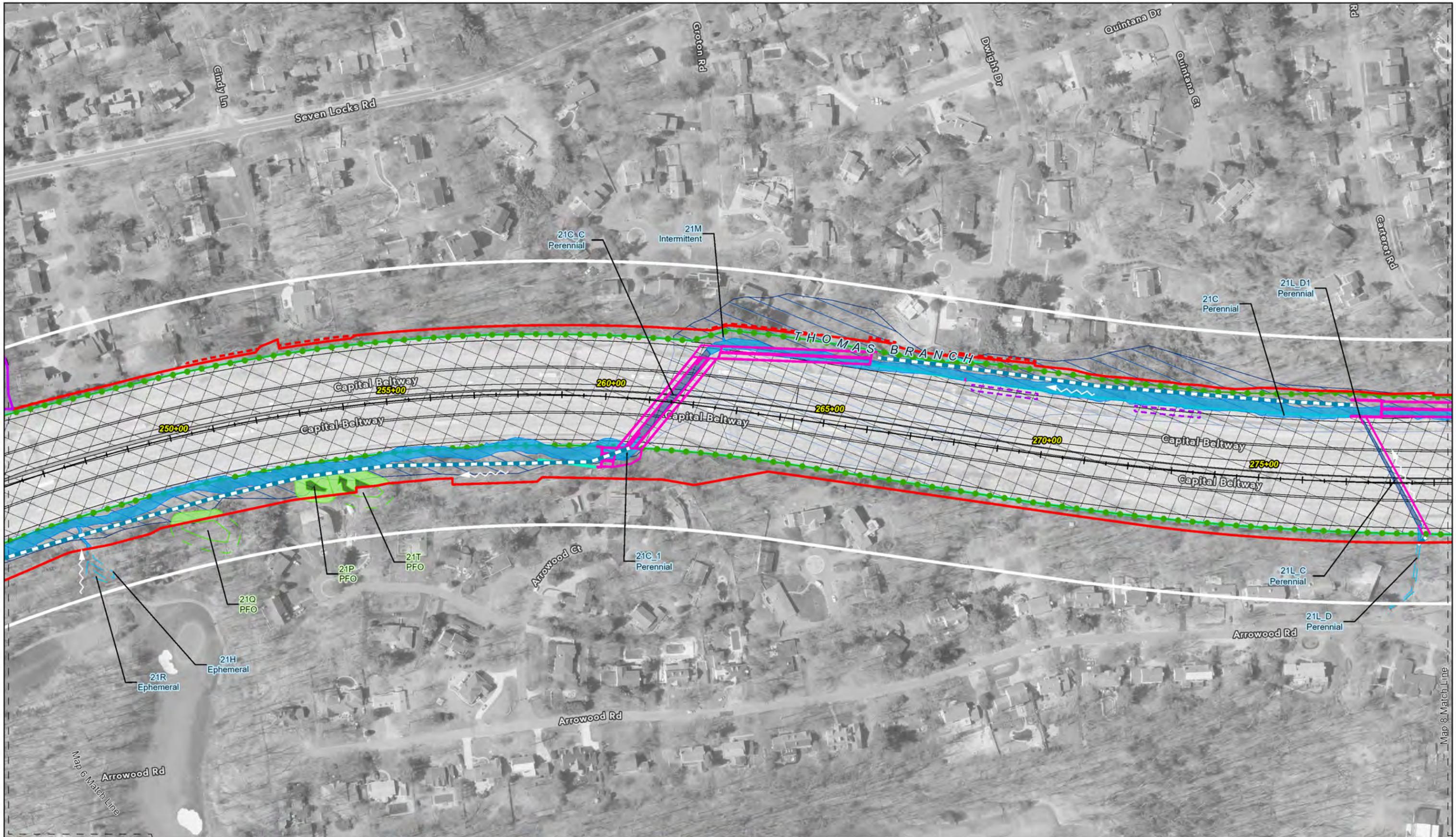
RPA Limit of Disturbance Temp	Proposed Retaining Wall	Bridge	Waterway Impact Perm	Wetland Buffer Impact Perm
RPA Limit of Disturbance Perm	New/Augmented Pipe/Culvert	Limit Of Improved SWM / Storage	Waterway Impact Temp	Wetland Buffer Impact Temp
Delineation Limits	Relocated Channel	Limit Of Restoration	Culvert Impact Perm	Stream No Impact
Proposed Pavement	Proposed SWM - Pond	Limit Of Stabilization	Culvert Impact Temp	Wetland No Impact
Noise Wall Proposed	Proposed SWM - Swale	Shared Use Path	Wetland Impact Perm	Wetland Buffer No Impact
Noise Wall Existing	Proposed SWM - Vault	Flow Direction	Wetland Impact Temp	FEMA 100-Year Floodplain



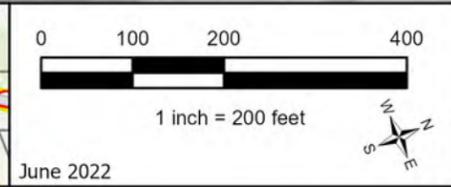
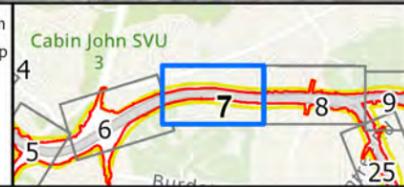
Maryland
Wetland and Waterway
Impact Plates
 Mainline Impact Plate 6



June 2022



RPA Limit of Disturbance Temp	Proposed Retaining Wall	Bridge	Waterway Impact Perm	Wetland Buffer Impact Perm
RPA Limit of Disturbance Perm	New/Augmented Pipe/Culvert	Limit Of Improved SWM / Storage	Waterway Impact Temp	Wetland Buffer Impact Temp
Delineation Limits	Relocated Channel	Limit Of Restoration	Culvert Impact Perm	Stream No Impact
Proposed Pavement	Proposed SWM - Pond	Limit Of Stabilization	Culvert Impact Temp	Wetland No Impact
Noise Wall Proposed	Proposed SWM - Swale	Shared Use Path	Wetland Impact Perm	Wetland Buffer No Impact
Noise Wall Existing	Proposed SWM - Vault	Flow Direction	Wetland Impact Temp	FEMA 100-Year Floodplain

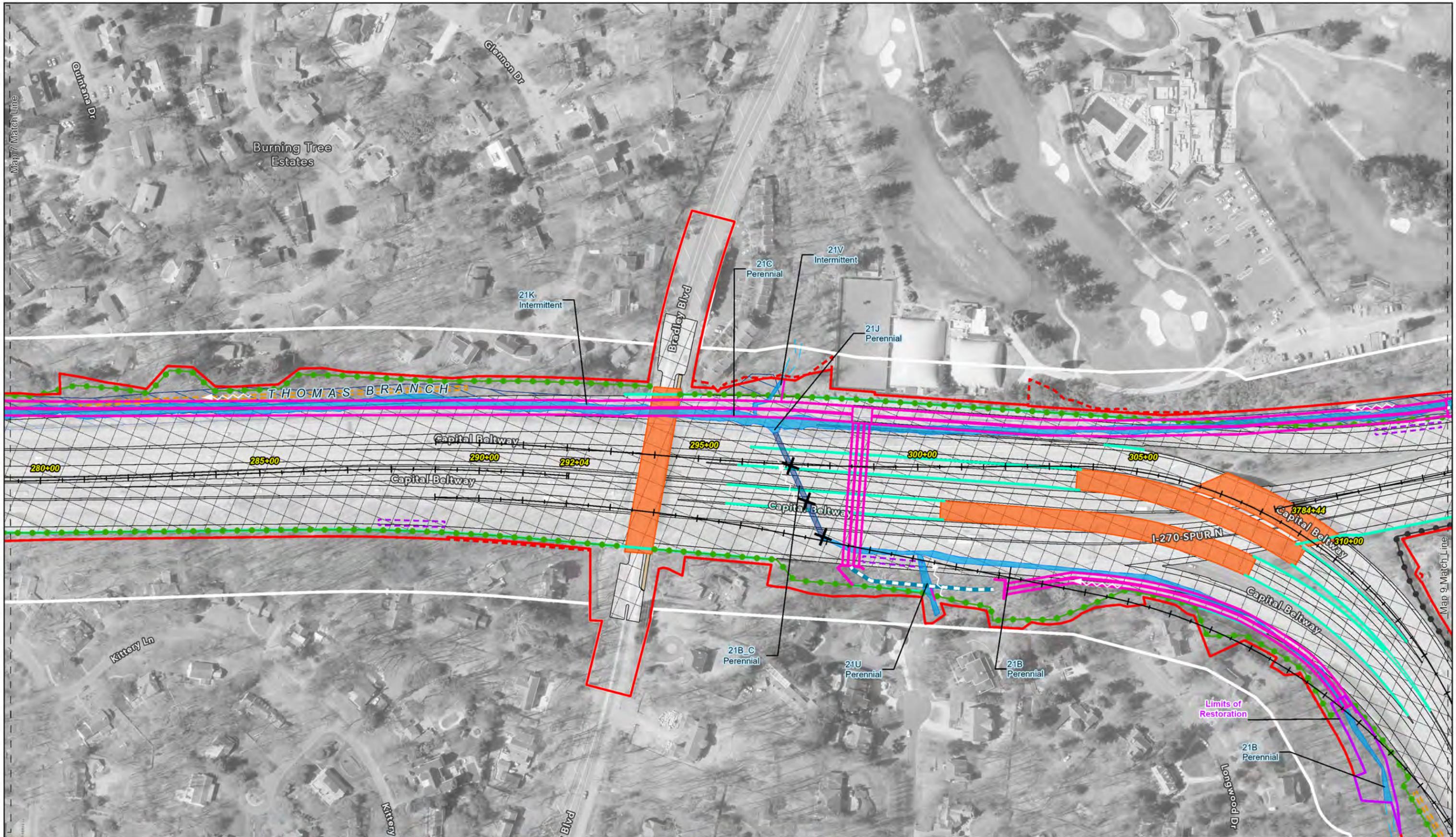


Maryland
Wetland and Waterway
Impact Plates
 Mainline Impact Plate 7

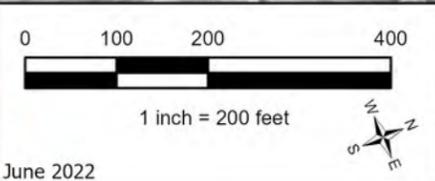
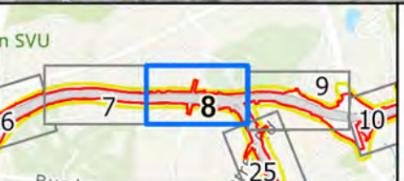


June 2022

Map & Match Line



RPA Limit of Disturbance Temp	Proposed Retaining Wall	Bridge	Waterway Impact Perm	Wetland Buffer Impact Perm
RPA Limit of Disturbance Perm	New/Augmented Pipe/Culvert	Limit Of Improved SWM / Storage	Waterway Impact Temp	Wetland Buffer Impact Temp
Delineation Limits	Relocated Channel	Limit Of Restoration	Culvert Impact Perm	Stream No Impact
Proposed Pavement	Proposed SWM - Pond	Limit Of Stabilization	Culvert Impact Temp	Wetland No Impact
Noise Wall Proposed	Proposed SWM - Swale	Shared Use Path	Wetland Impact Perm	Wetland Buffer No Impact
Noise Wall Existing	Proposed SWM - Vault	Flow Direction	Wetland Impact Temp	FEMA 100-Year Floodplain

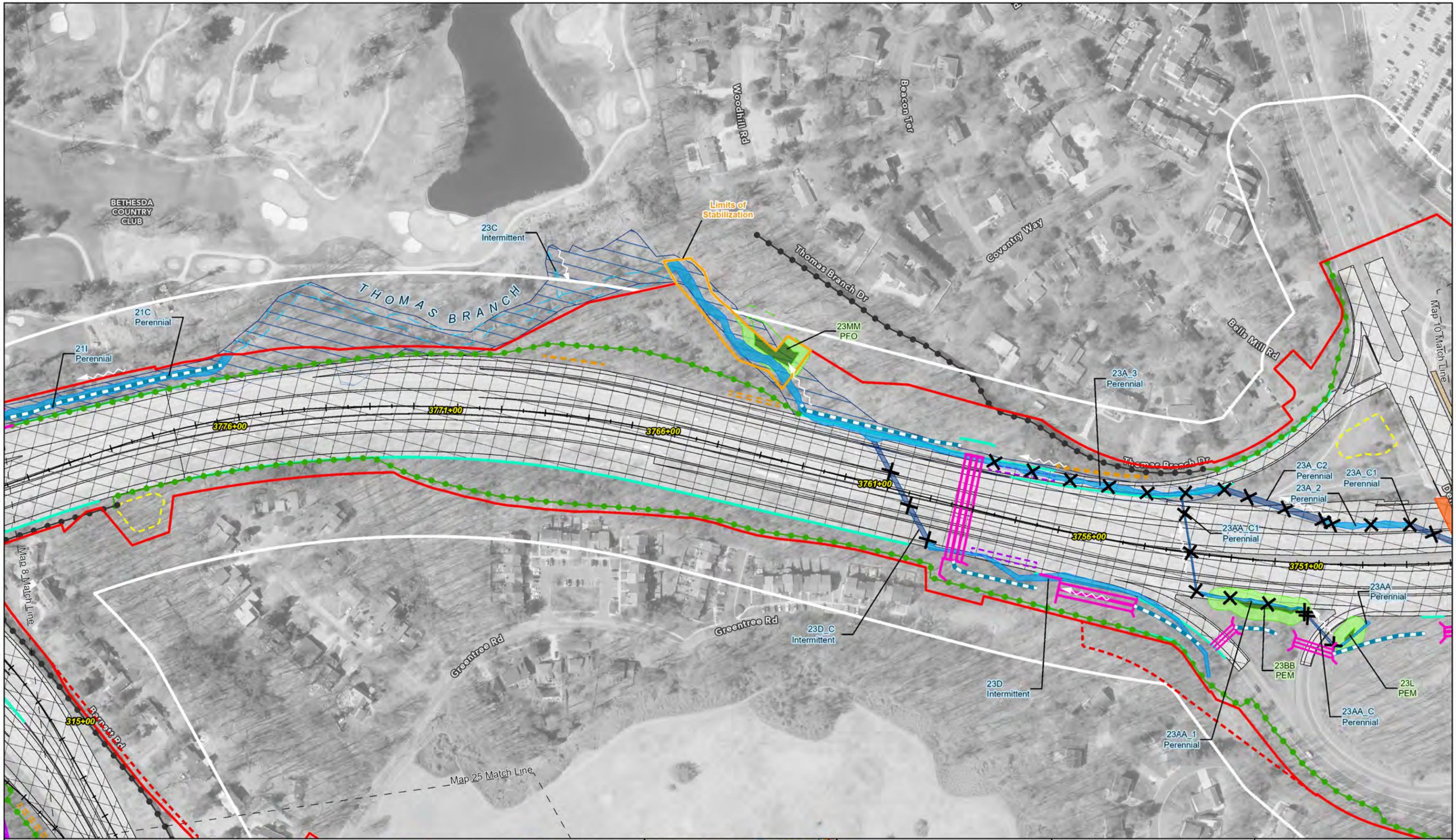


**Maryland
Wetland and Waterway
Impact Plates**

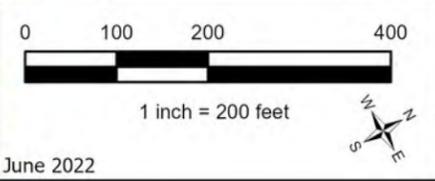
Mainline Impact Plate 8



June 2022



RPA Limit of Disturbance Temp	Proposed Retaining Wall	Bridge	Waterway Impact Perm	Wetland Buffer Impact Perm
RPA Limit of Disturbance Perm	New/Augmented Pipe/Culvert	Limit Of Improved SWM / Storage	Waterway Impact Temp	Wetland Buffer Impact Temp
Delineation Limits	Relocated Channel	Limit Of Restoration	Culvert Impact Perm	Stream No Impact
Proposed Pavement	Proposed SWM - Pond	Limit Of Stabilization	Culvert Impact Temp	Wetland No Impact
Noise Wall Proposed	Proposed SWM - Swale	Shared Use Path	Wetland Impact Perm	Wetland Buffer No Impact
Noise Wall Existing	Proposed SWM - Vault	Flow Direction	Wetland Impact Temp	FEMA 100-Year Floodplain

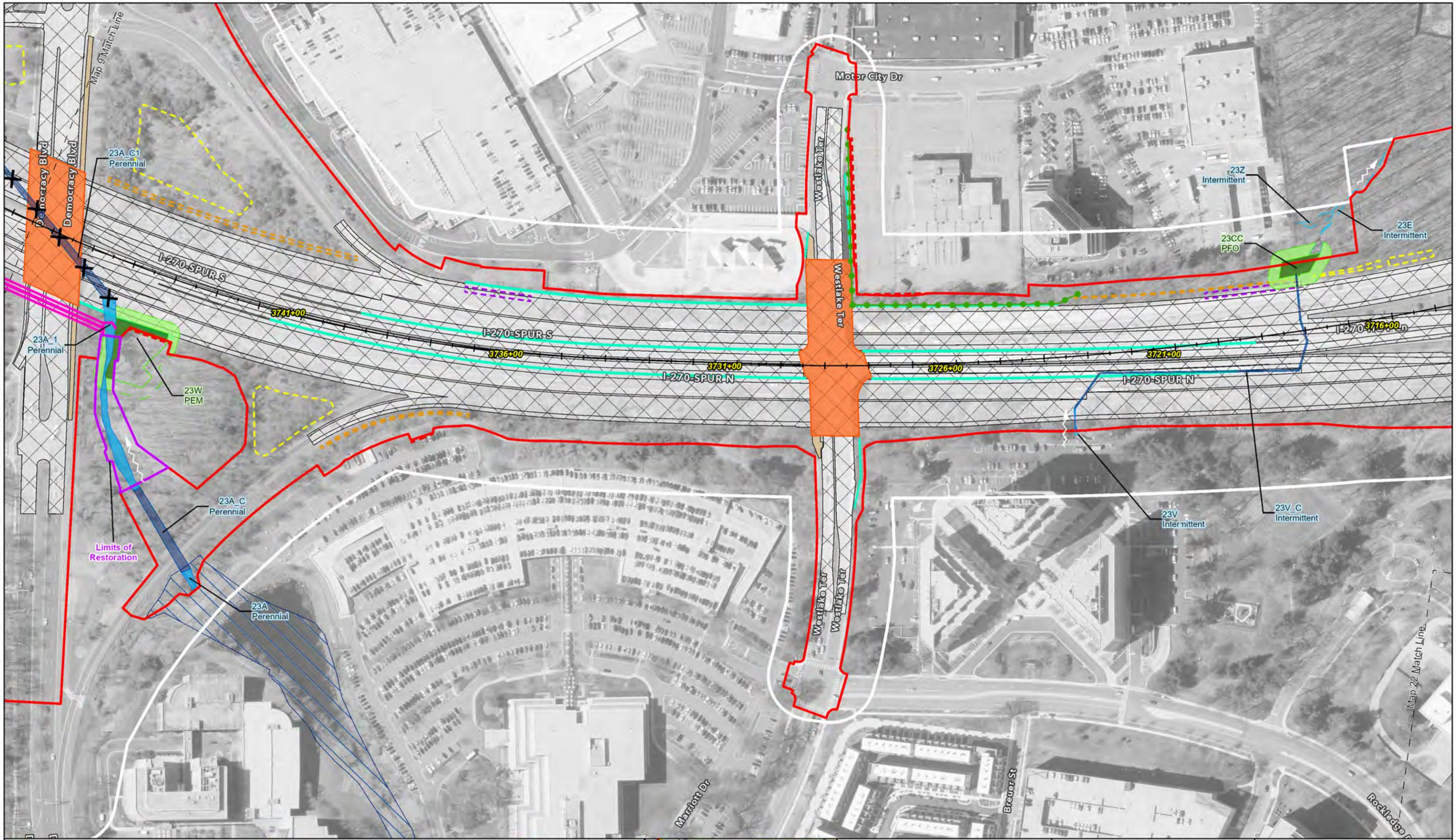


**Maryland
Wetland and Waterway
Impact Plates**

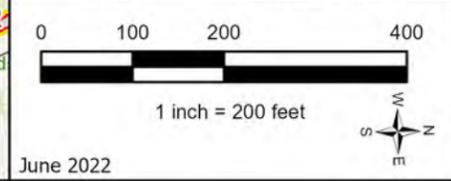
Mainline Impact Plate 9



June 2022



- | | | | | |
|-------------------------------|----------------------------|---------------------------------|----------------------|----------------------------|
| RPA Limit of Disturbance Temp | Proposed Retaining Wall | Bridge | Waterway Impact Perm | Wetland Buffer Impact Perm |
| RPA Limit of Disturbance Perm | New/Augmented Pipe/Culvert | Limit Of Improved SWM / Storage | Waterway Impact Temp | Wetland Buffer Impact Temp |
| Delineation Limits | Relocated Channel | Limit Of Restoration | Culvert Impact Perm | Stream No Impact |
| Proposed Pavement | Proposed SWM - Pond | Limit Of Stabilization | Culvert Impact Temp | Wetland No Impact |
| Noise Wall Proposed | Proposed SWM - Swale | Shared Use Path | Wetland Impact Perm | Wetland Buffer No Impact |
| Noise Wall Existing | Proposed SWM - Vault | Flow Direction | Wetland Impact Temp | FEMA 100-Year Floodplain |

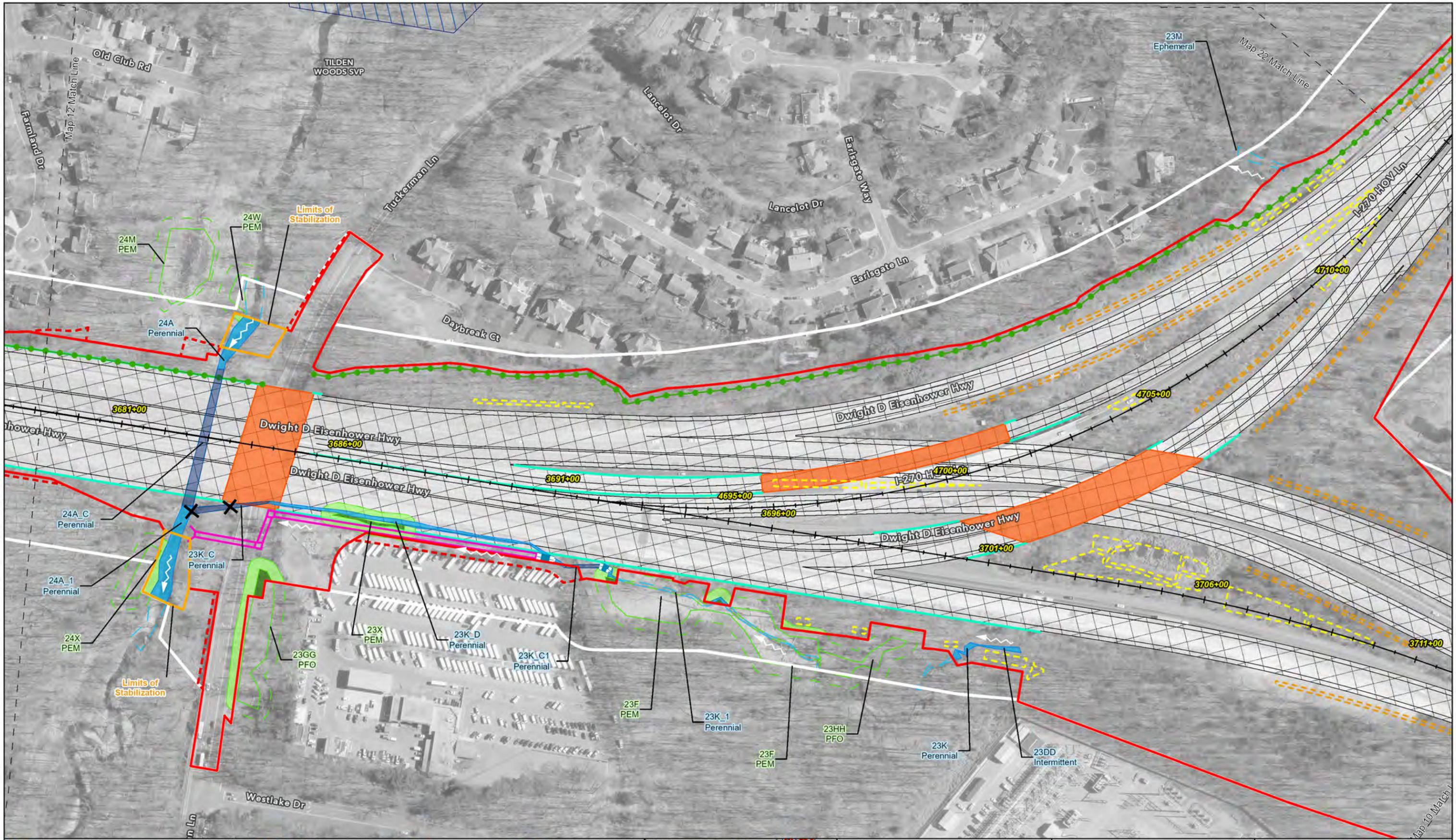


**Maryland
Wetland and Waterway
Impact Plates**

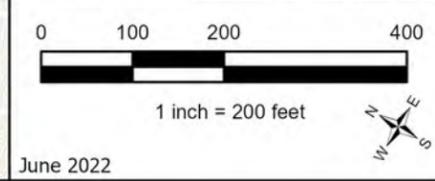
Mainline Impact Plate 10



June 2022



RPA Limit of Disturbance Temp	Proposed Retaining Wall	Bridge	Waterway Impact Perm	Wetland Buffer Impact Perm
RPA Limit of Disturbance Perm	New/Augmented Pipe/Culvert	Limit Of Improved SWM / Storage	Waterway Impact Temp	Wetland Buffer Impact Temp
Delineation Limits	Relocated Channel	Limit Of Restoration	Culvert Impact Perm	Stream No Impact
Proposed Pavement	Proposed SWM - Pond	Limit Of Stabilization	Culvert Impact Temp	Wetland No Impact
Noise Wall Proposed	Proposed SWM - Swale	Shared Use Path	Wetland Impact Perm	Wetland Buffer No Impact
Noise Wall Existing	Proposed SWM - Vault	Flow Direction	Wetland Impact Temp	FEMA 100-Year Floodplain

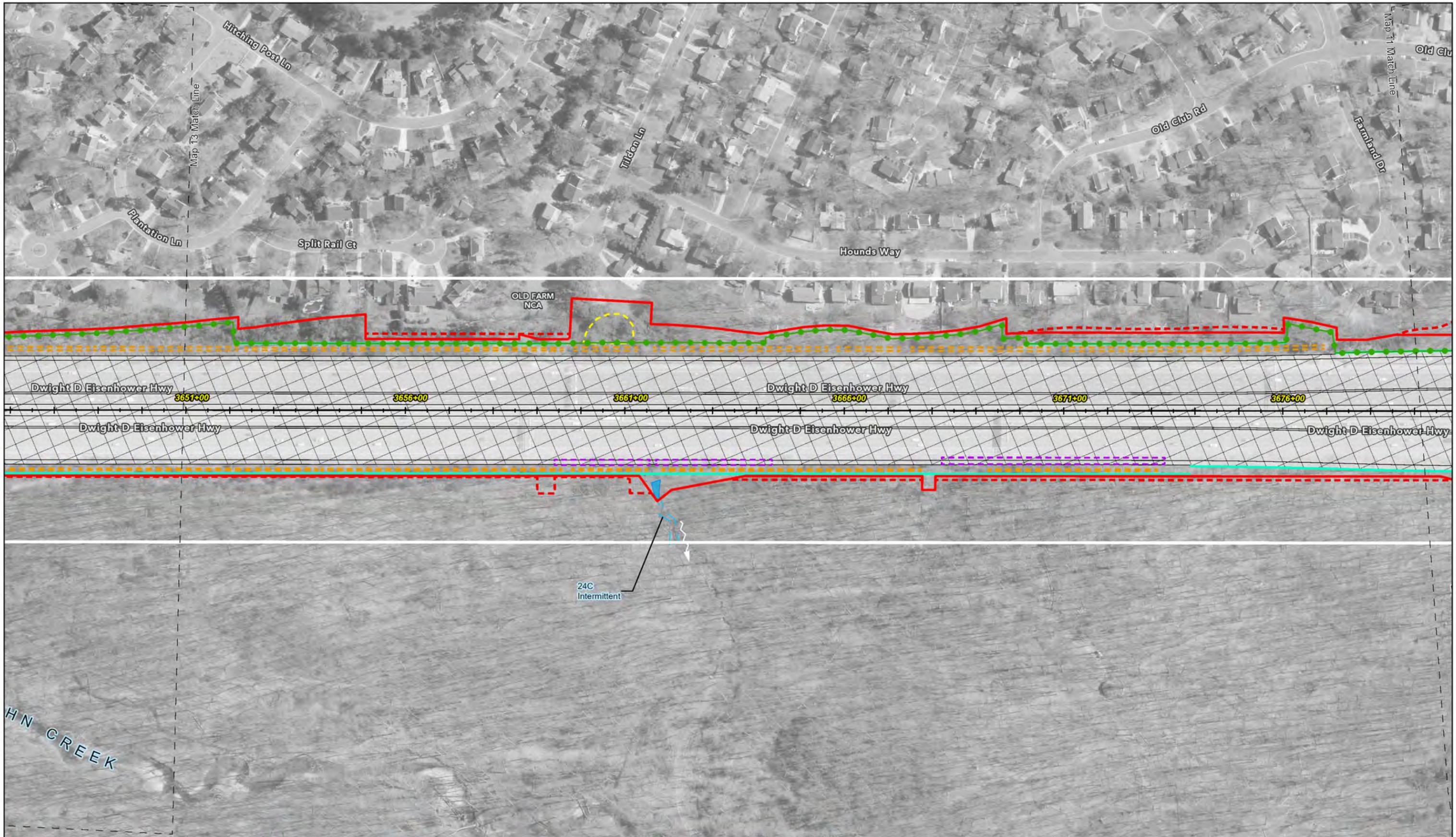


**Maryland
Wetland and Waterway
Impact Plates**

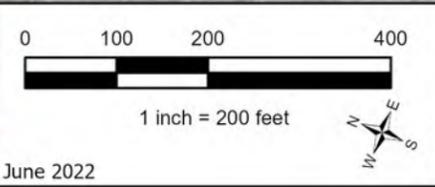
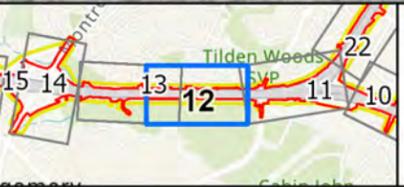
Mainline Impact Plate 11



June 2022



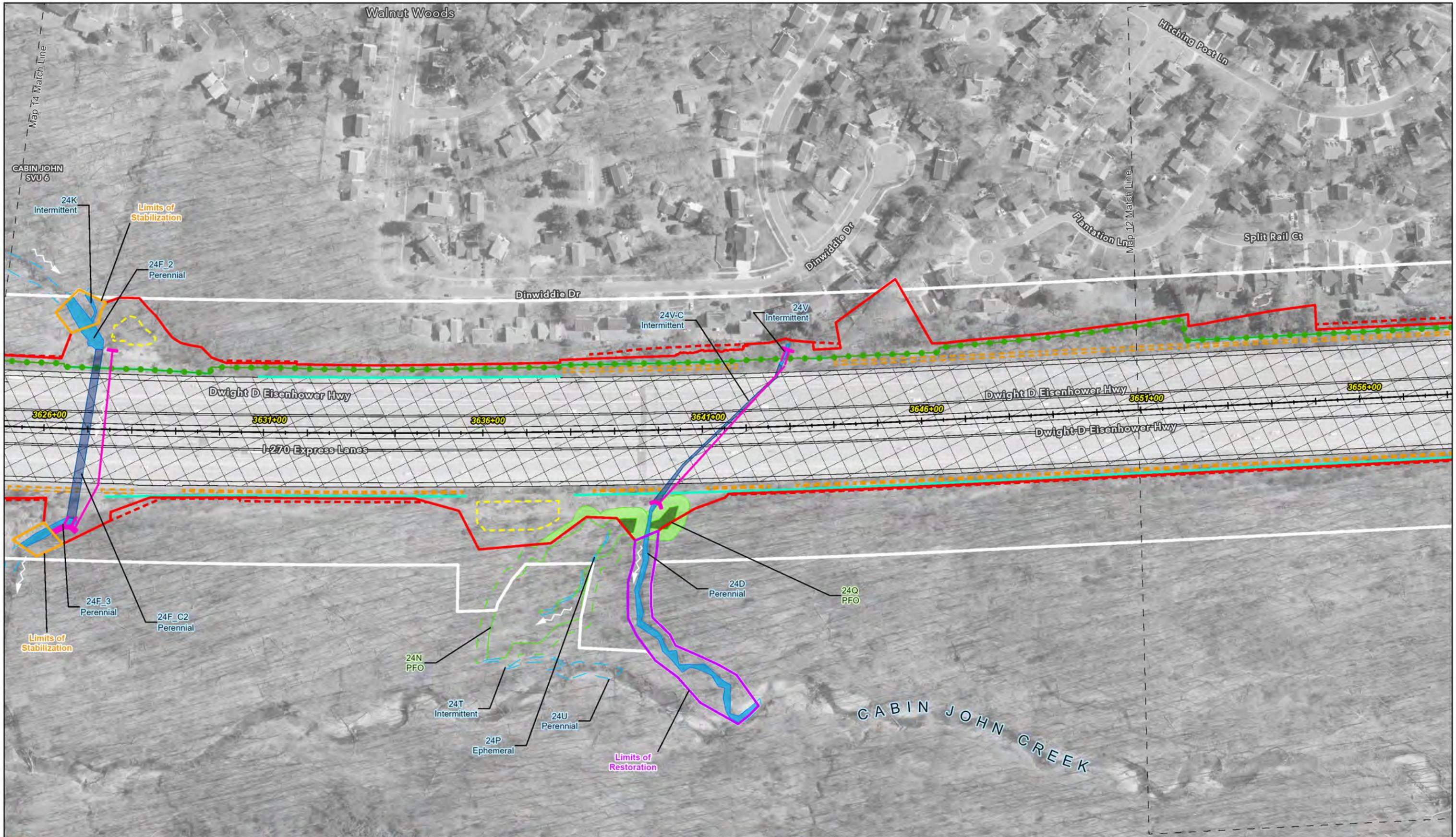
RPA Limit of Disturbance Temp	Proposed Retaining Wall	Bridge	Waterway Impact Perm	Wetland Buffer Impact Perm
RPA Limit of Disturbance Perm	New/Augmented Pipe/Culvert	Limit Of Improved SWM / Storage	Waterway Impact Temp	Wetland Buffer Impact Temp
Delineation Limits	Relocated Channel	Limit Of Restoration	Culvert Impact Perm	Stream No Impact
Proposed Pavement	Proposed SWM - Pond	Limit Of Stabilization	Culvert Impact Temp	Wetland No Impact
Noise Wall Proposed	Proposed SWM - Swale	Shared Use Path	Wetland Impact Perm	Wetland Buffer No Impact
Noise Wall Existing	Proposed SWM - Vault	Flow Direction	Wetland Impact Temp	FEMA 100-Year Floodplain



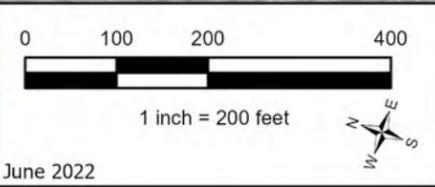
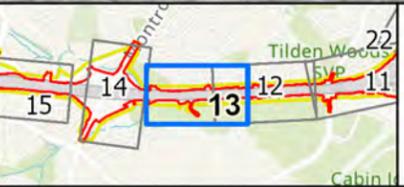
Maryland
Wetland and Waterway
Impact Plates
 Mainline Impact Plate 12



June 2022



RPA Limit of Disturbance Temp	Proposed Retaining Wall	Bridge	Waterway Impact Perm	Wetland Buffer Impact Perm
RPA Limit of Disturbance Perm	New/Augmented Pipe/Culvert	Limit Of Improved SWM / Storage	Waterway Impact Temp	Wetland Buffer Impact Temp
Delineation Limits	Relocated Channel	Limit Of Restoration	Culvert Impact Perm	Stream No Impact
Proposed Pavement	Proposed SWM - Pond	Limit Of Stabilization	Culvert Impact Temp	Wetland No Impact
Noise Wall Proposed	Proposed SWM - Swale	Shared Use Path	Wetland Impact Perm	Wetland Buffer No Impact
Noise Wall Existing	Proposed SWM - Vault	Flow Direction	Wetland Impact Temp	FEMA 100-Year Floodplain



**Maryland
Wetland and Waterway
Impact Plates**

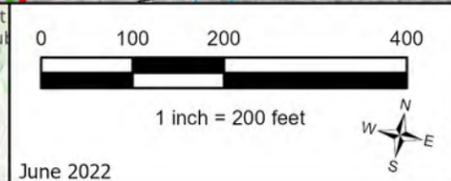
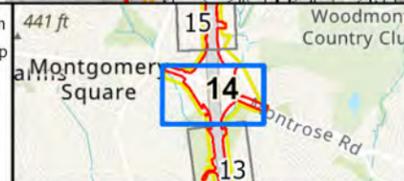
Mainline Impact Plate 13



June 2022



RPA Limit of Disturbance Temp	Proposed Retaining Wall	Bridge	Waterway Impact Perm	Wetland Buffer Impact Perm
RPA Limit of Disturbance Perm	New/Augmented Pipe/Culvert	Limit Of Improved SWM / Storage	Waterway Impact Temp	Wetland Buffer Impact Temp
Delineation Limits	Relocated Channel	Limit Of Restoration	Culvert Impact Perm	Stream No Impact
Proposed Pavement	Proposed SWM - Pond	Limit Of Stabilization	Culvert Impact Temp	Wetland No Impact
Noise Wall Proposed	Proposed SWM - Swale	Shared Use Path	Wetland Impact Perm	Wetland Buffer No Impact
Noise Wall Existing	Proposed SWM - Vault	Flow Direction	Wetland Impact Temp	FEMA 100-Year Floodplain

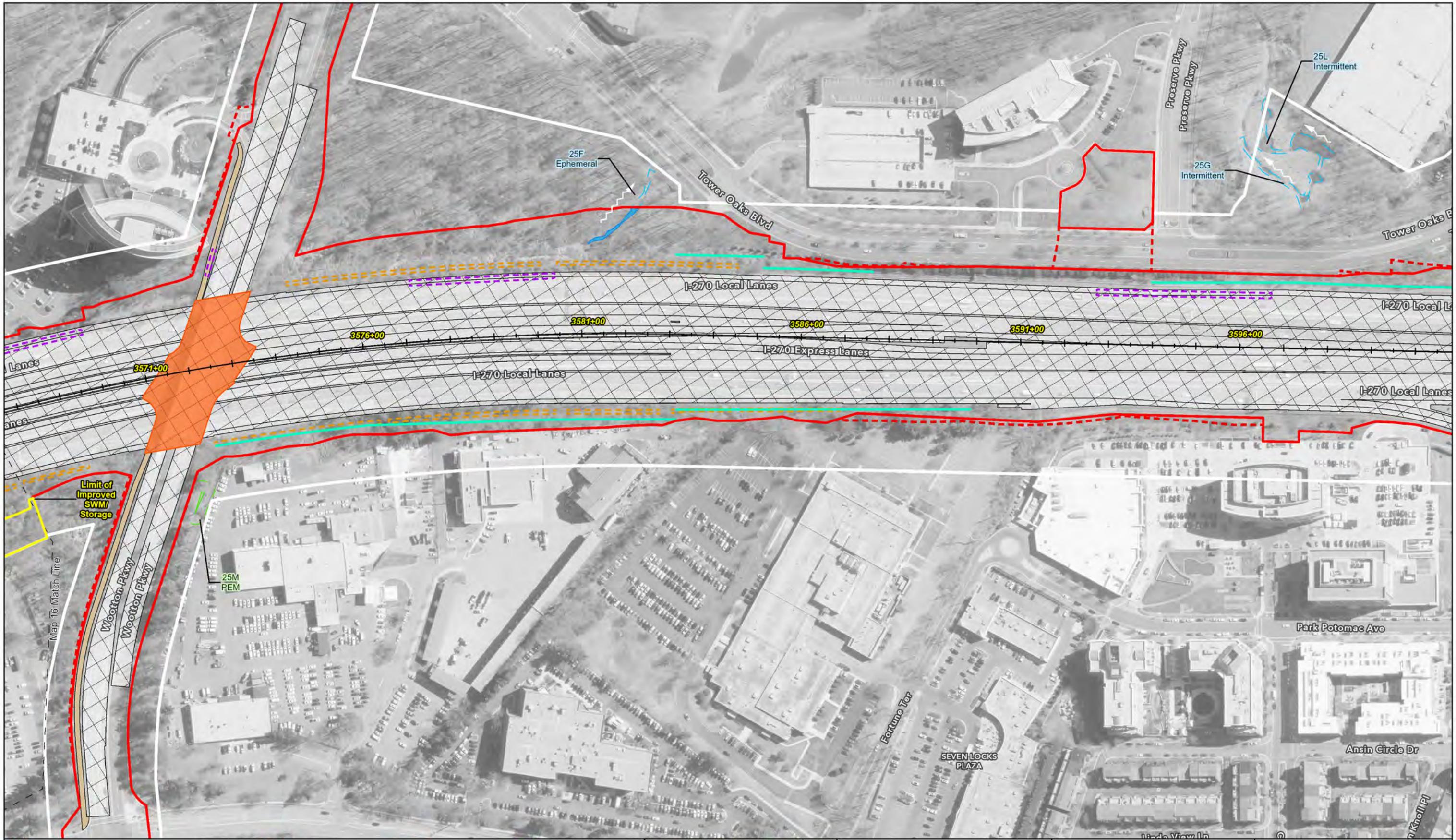


**Maryland
Wetland and Waterway
Impact Plates**
Mainline Impact Plate 14

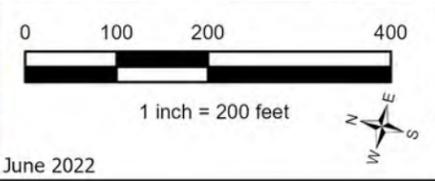
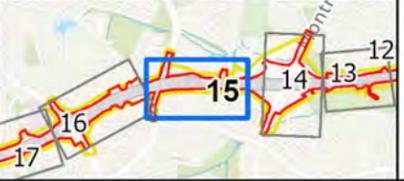


June 2022

Map 13 Match Line

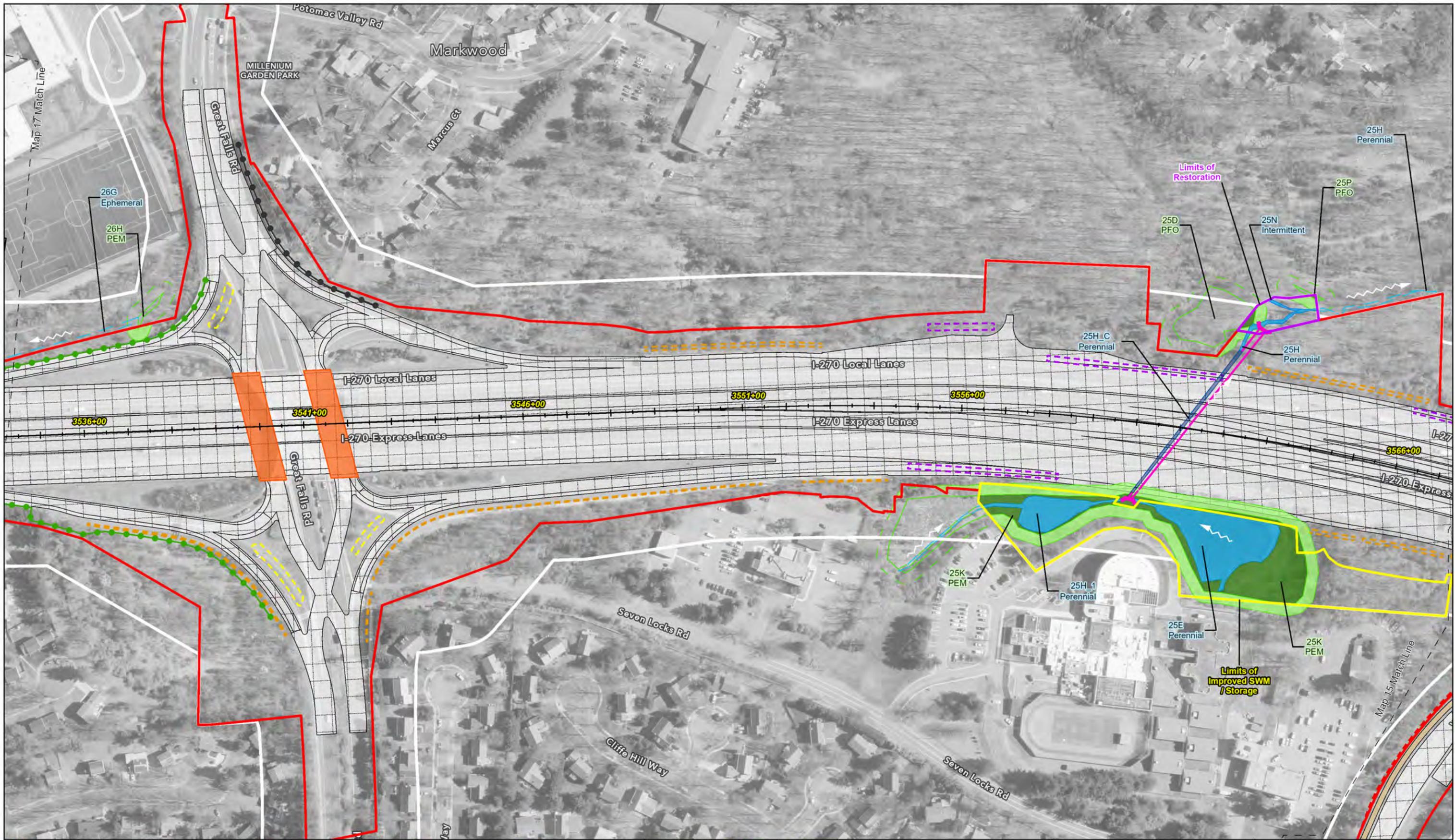


RPA Limit of Disturbance Temp	Proposed Retaining Wall	Bridge	Waterway Impact Perm	Wetland Buffer Impact Perm
RPA Limit of Disturbance Perm	New/Augmented Pipe/Culvert	Limit Of Improved SWM / Storage	Waterway Impact Temp	Wetland Buffer Impact Temp
Delineation Limits	Relocated Channel	Limit Of Restoration	Culvert Impact Perm	Stream No Impact
Proposed Pavement	Proposed SWM - Pond	Limit Of Stabilization	Culvert Impact Temp	Wetland No Impact
Noise Wall Proposed	Proposed SWM - Swale	Shared Use Path	Wetland Impact Perm	Wetland Buffer No Impact
Noise Wall Existing	Proposed SWM - Vault	Flow Direction	Wetland Impact Temp	FEMA 100-Year Floodplain

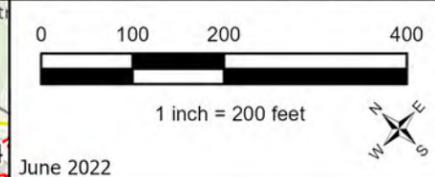


**Maryland
Wetland and Waterway
Impact Plates**
Mainline Impact Plate 15





RPA Limit of Disturbance Temp	Proposed Retaining Wall	Bridge	Waterway Impact Perm	Wetland Buffer Impact Perm
RPA Limit of Disturbance Perm	New/Augmented Pipe/Culvert	Limit Of Improved SWM / Storage	Waterway Impact Temp	Wetland Buffer Impact Temp
Delineation Limits	Relocated Channel	Limit Of Restoration	Culvert Impact Perm	Stream No Impact
Proposed Pavement	Proposed SWM - Pond	Limit Of Stabilization	Culvert Impact Temp	Wetland No Impact
Noise Wall Proposed	Proposed SWM - Swale	Shared Use Path	Wetland Impact Perm	Wetland Buffer No Impact
Noise Wall Existing	Proposed SWM - Vault	Flow Direction	Wetland Impact Temp	FEMA 100-Year Floodplain



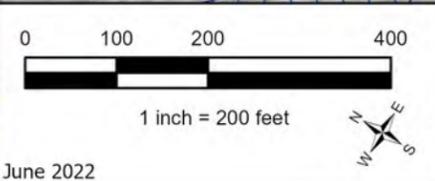
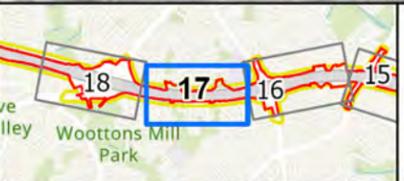
**Maryland
Wetland and Waterway
Impact Plates**

Mainline Impact Plate 16





RPA Limit of Disturbance Temp	Proposed Retaining Wall	Bridge	Waterway Impact Perm	Wetland Buffer Impact Perm
RPA Limit of Disturbance Perm	New/Augmented Pipe/Culvert	Limit Of Improved SWM / Storage	Waterway Impact Temp	Wetland Buffer Impact Temp
Delineation Limits	Relocated Channel	Limit Of Restoration	Culvert Impact Perm	Stream No Impact
Proposed Pavement	Proposed SWM - Pond	Limit Of Stabilization	Culvert Impact Temp	Wetland No Impact
Noise Wall Proposed	Proposed SWM - Swale	Shared Use Path	Wetland Impact Perm	Wetland Buffer No Impact
Noise Wall Existing	Proposed SWM - Vault	Flow Direction	Wetland Impact Temp	FEMA 100-Year Floodplain

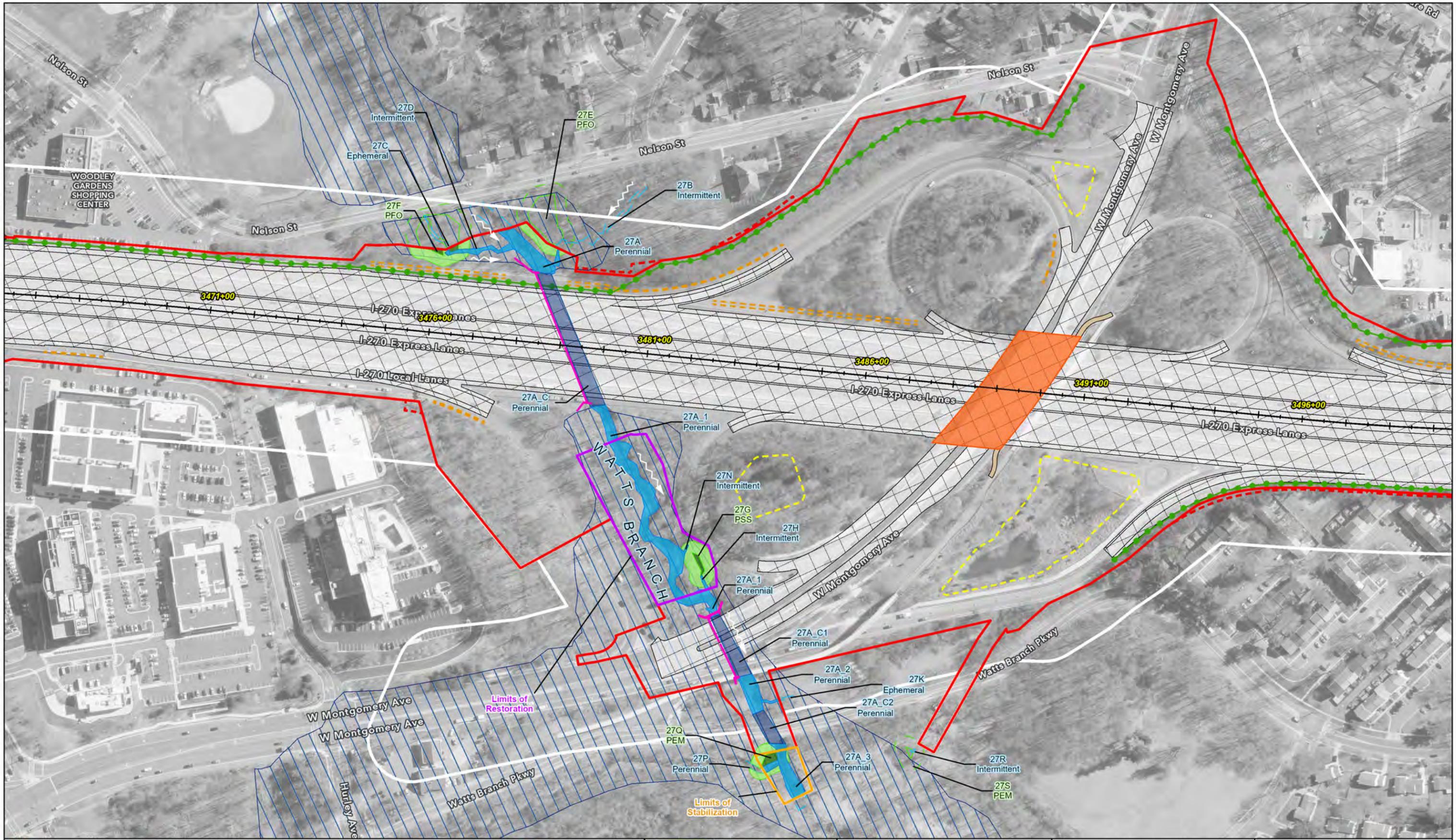


**Maryland
Wetland and Waterway
Impact Plates**

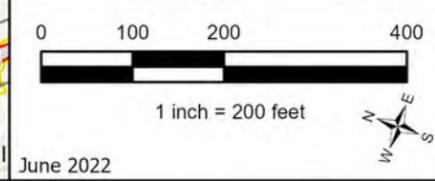
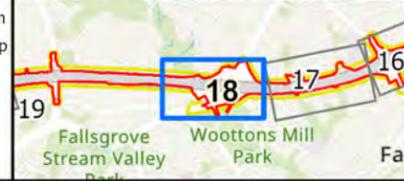
Mainline Impact Plate 17



June 2022



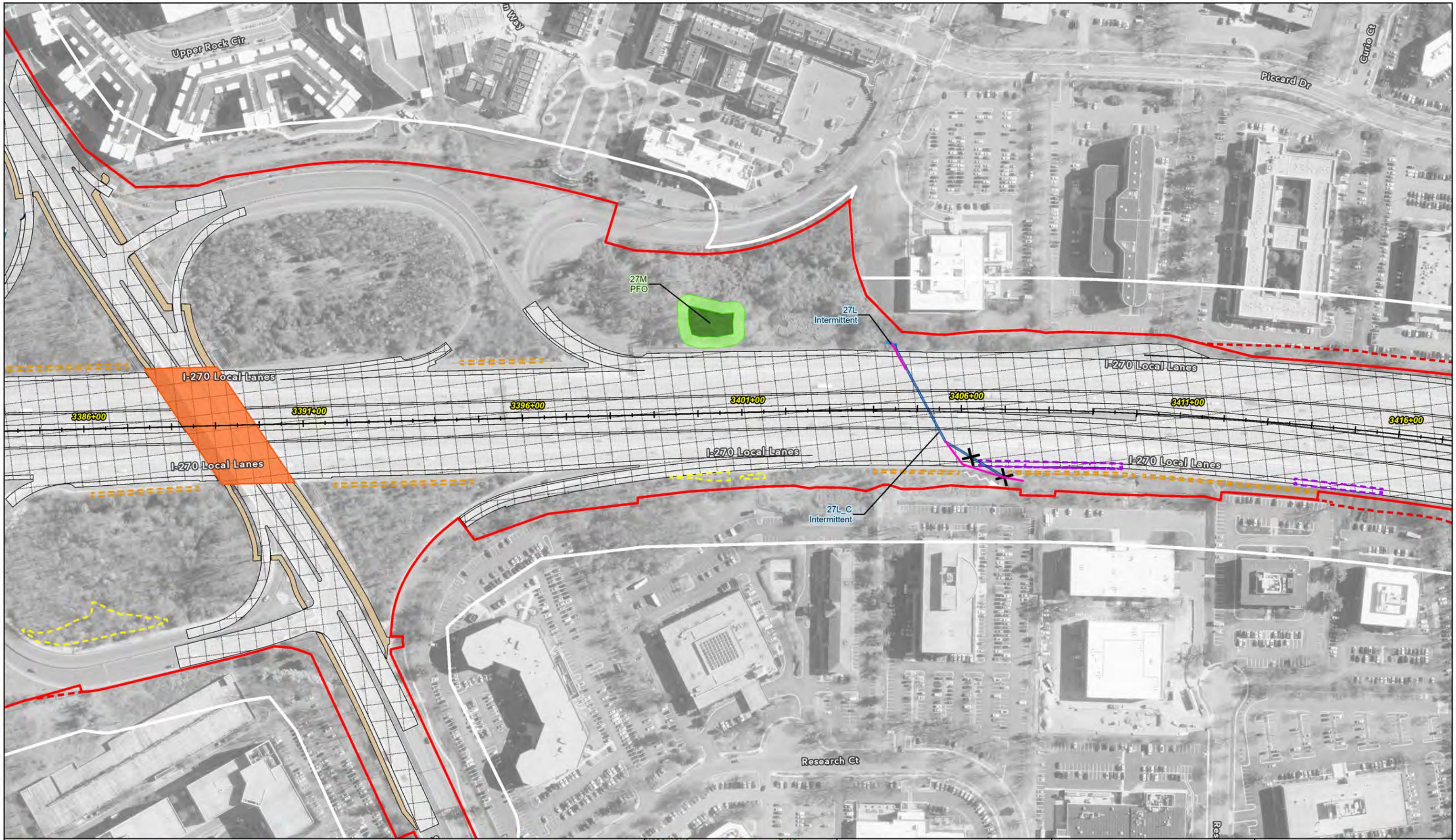
RPA Limit of Disturbance Temp	Proposed Retaining Wall	Bridge	Waterway Impact Perm	Wetland Buffer Impact Perm
RPA Limit of Disturbance Perm	New/Augmented Pipe/Culvert	Limit Of Improved SWM / Storage	Waterway Impact Temp	Wetland Buffer Impact Temp
Delineation Limits	Relocated Channel	Limit Of Restoration	Culvert Impact Perm	Stream No Impact
Proposed Pavement	Proposed SWM - Pond	Limit Of Stabilization	Culvert Impact Temp	Wetland No Impact
Noise Wall Proposed	Proposed SWM - Swale	Shared Use Path	Wetland Impact Perm	Wetland Buffer No Impact
Noise Wall Existing	Proposed SWM - Vault	Flow Direction	Wetland Impact Temp	FEMA 100-Year Floodplain



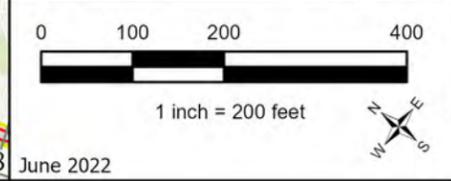
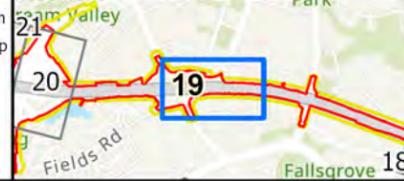
Maryland
Wetland and Waterway
Impact Plates
 Mainline Impact Plate 18



June 2022



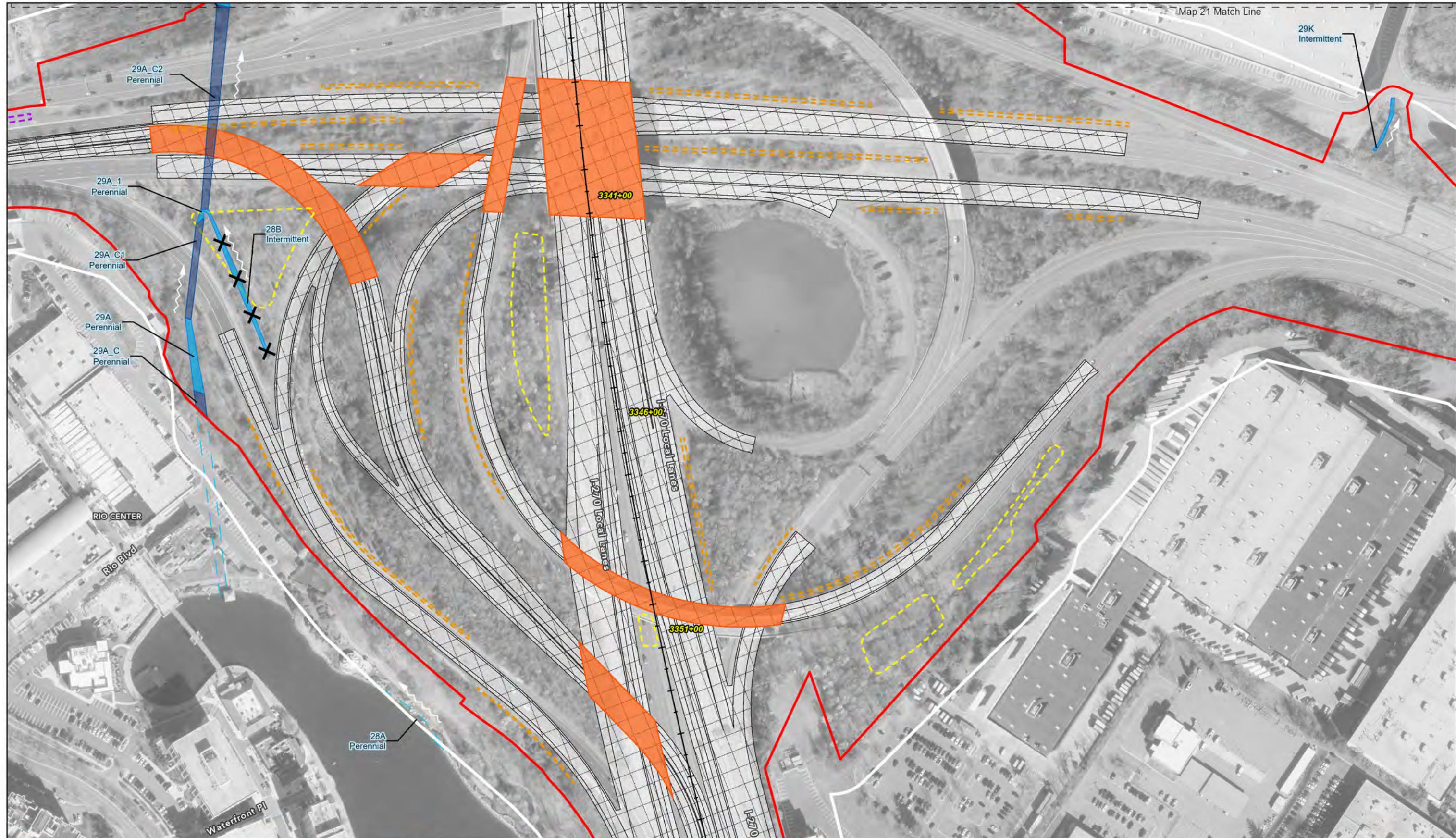
RPA Limit of Disturbance Temp	Proposed Retaining Wall	Bridge	Waterway Impact Perm	Wetland Buffer Impact Perm
RPA Limit of Disturbance Perm	New/Augmented Pipe/Culvert	Limit Of Improved SWM / Storage	Waterway Impact Temp	Wetland Buffer Impact Temp
Delineation Limits	Relocated Channel	Limit Of Restoration	Culvert Impact Perm	Stream No Impact
Proposed Pavement	Proposed SWM - Pond	Limit Of Stabilization	Culvert Impact Temp	Wetland No Impact
Noise Wall Proposed	Proposed SWM - Swale	Shared Use Path	Wetland Impact Perm	Wetland Buffer No Impact
Noise Wall Existing	Proposed SWM - Vault	Flow Direction	Wetland Impact Temp	FEMA 100-Year Floodplain



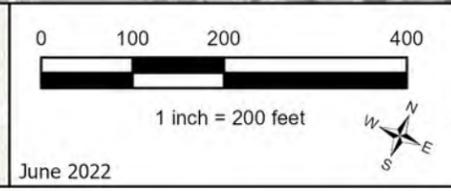
Maryland
Wetland and Waterway
Impact Plates
 Mainline Impact Plate 19



June 2022



RPA Limit of Disturbance Temp	Proposed Retaining Wall	Bridge	Waterway Impact Perm	Wetland Buffer Impact Perm
RPA Limit of Disturbance Perm	New/Augmented Pipe/Culvert	Limit Of Improved SWM / Storage	Waterway Impact Temp	Wetland Buffer Impact Temp
Delineation Limits	Relocated Channel	Limit Of Restoration	Culvert Impact Perm	Stream No Impact
Proposed Pavement	Proposed SWM - Pond	Limit Of Stabilization	Culvert Impact Temp	Wetland No Impact
Noise Wall Proposed	Proposed SWM - Swale	Shared Use Path	Wetland Impact Perm	Wetland Buffer No Impact
Noise Wall Existing	Proposed SWM - Vault	Flow Direction	Wetland Impact Temp	FEMA 100-Year Floodplain



**Maryland
Wetland and Waterway
Impact Plates**

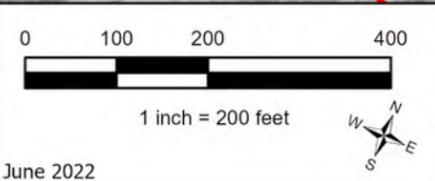
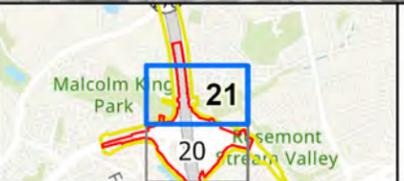
Mainline Impact Plate 20





Map 20 Match Line

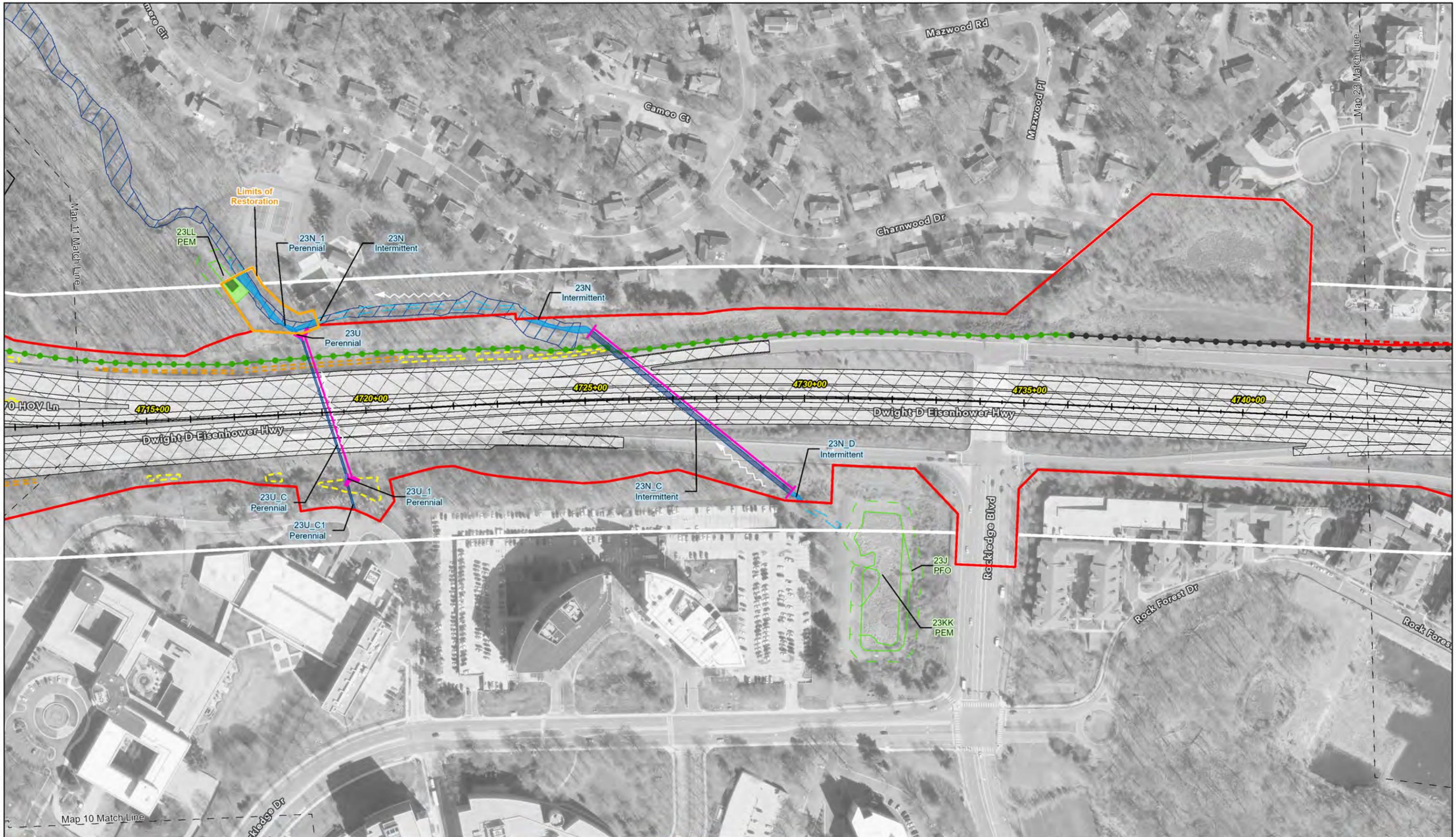
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RPA Limit of Disturbance Perm	New/Augmented Pipe/Culvert	Limit Of Improved SWM / Storage	Waterway Impact Temp	Wetland Buffer Impact Temp
Delineation Limits	Relocated Channel	Limit Of Restoration	Culvert Impact Perm	Stream No Impact
Proposed Pavement	Proposed SWM - Pond	Limit Of Stabilization	Culvert Impact Temp	Wetland No Impact
Noise Wall Proposed	Proposed SWM - Swale	Shared Use Path	Wetland Impact Perm	Wetland Buffer No Impact
Noise Wall Existing	Proposed SWM - Vault	Flow Direction	Wetland Impact Temp	FEMA 100-Year Floodplain



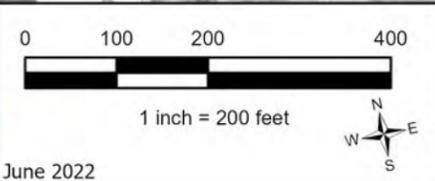
June 2022

**Maryland
Wetland and Waterway
Impact Plates**
Mainline Impact Plate 21





RPA Limit of Disturbance Temp	Proposed Retaining Wall	Bridge	Waterway Impact Perm	Wetland Buffer Impact Perm
RPA Limit of Disturbance Perm	New/Augmented Pipe/Culvert	Limit Of Improved SWM / Storage	Waterway Impact Temp	Wetland Buffer Impact Temp
Delineation Limits	Relocated Channel	Limit Of Restoration	Culvert Impact Perm	Stream No Impact
Proposed Pavement	Proposed SWM - Pond	Limit Of Stabilization	Culvert Impact Temp	Wetland No Impact
Noise Wall Proposed	Proposed SWM - Swale	Shared Use Path	Wetland Impact Perm	Wetland Buffer No Impact
Noise Wall Existing	Proposed SWM - Vault	Flow Direction	Wetland Impact Temp	FEMA 100-Year Floodplain

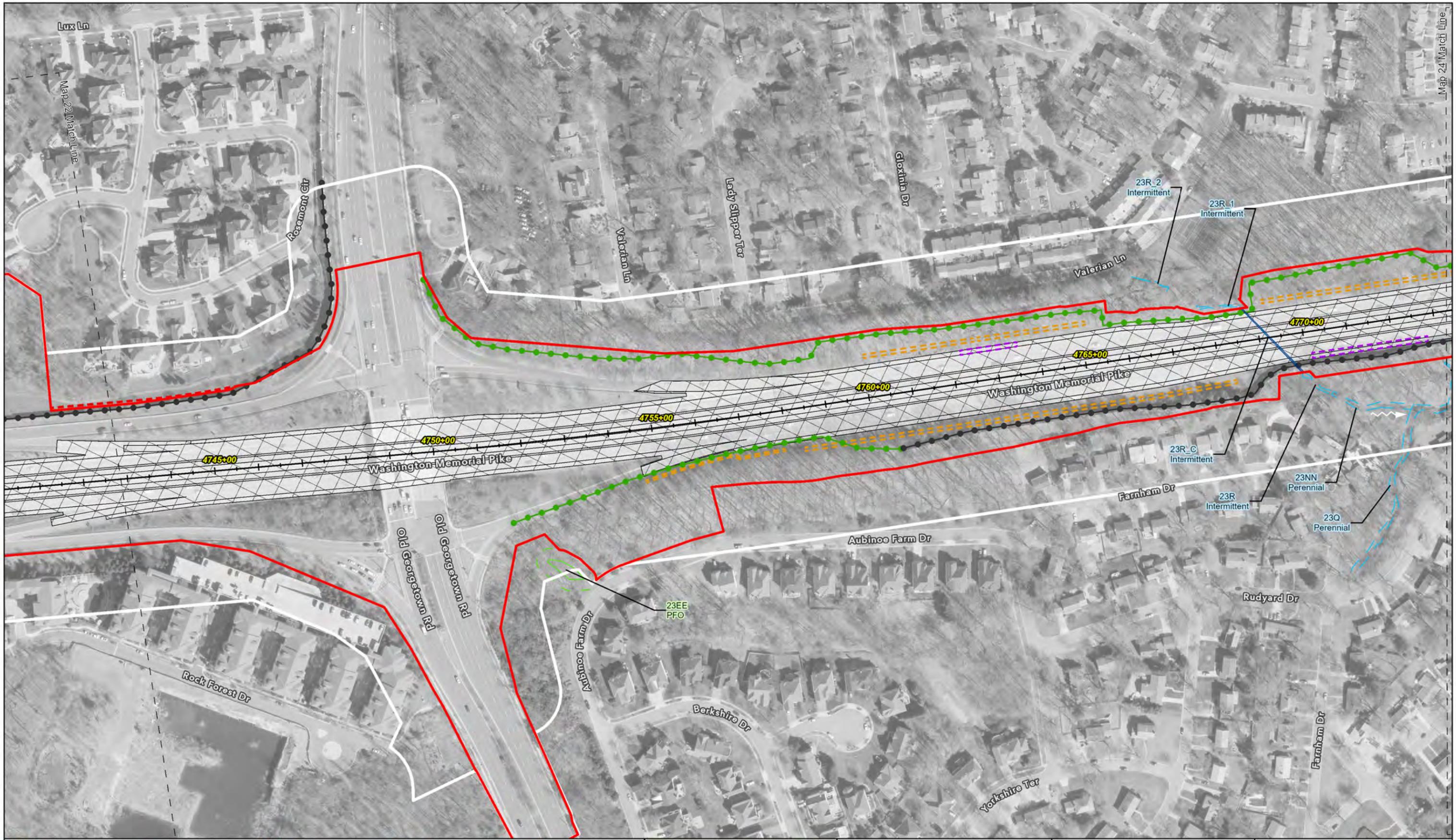


June 2022

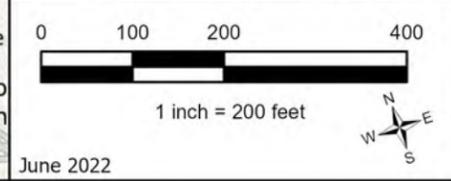
**Maryland
Wetland and Waterway
Impact Plates**

Mainline Impact Plate 22





- | | | | | |
|-------------------------------|----------------------------|---------------------------------|----------------------|----------------------------|
| RPA Limit of Disturbance Temp | Proposed Retaining Wall | Bridge | Waterway Impact Perm | Wetland Buffer Impact Perm |
| RPA Limit of Disturbance Perm | New/Augmented Pipe/Culvert | Limit Of Improved SWM / Storage | Waterway Impact Temp | Wetland Buffer Impact Temp |
| Delineation Limits | Relocated Channel | Limit Of Restoration | Culvert Impact Perm | Stream No Impact |
| Proposed Pavement | Proposed SWM - Pond | Limit Of Stabilization | Culvert Impact Temp | Wetland No Impact |
| Noise Wall Proposed | Proposed SWM - Swale | Shared Use Path | Wetland Impact Perm | Wetland Buffer No Impact |
| Noise Wall Existing | Proposed SWM - Vault | Flow Direction | Wetland Impact Temp | FEMA 100-Year Floodplain |



**Maryland
Wetland and Waterway
Impact Plates**

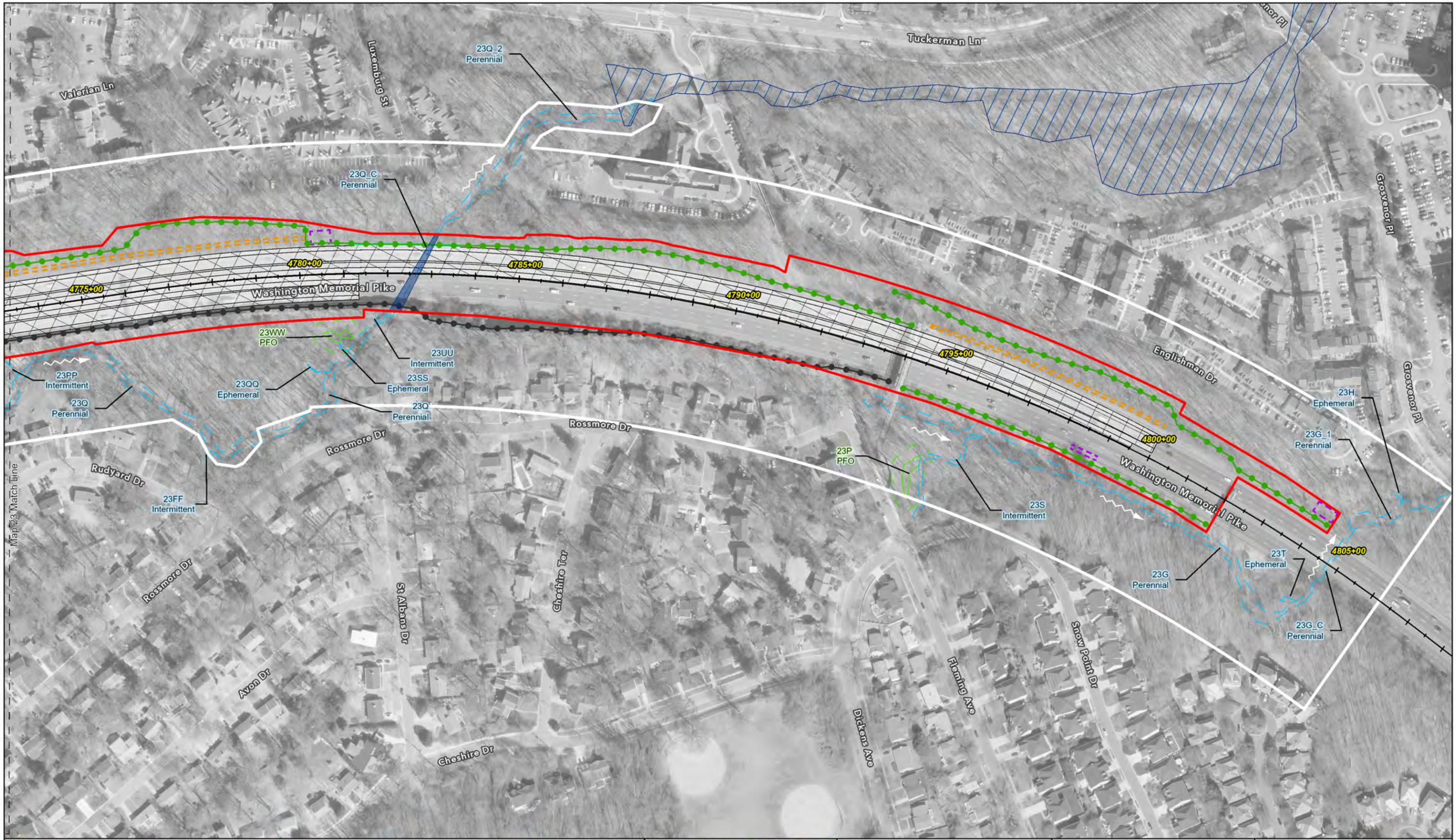
Mainline Impact Plate 23



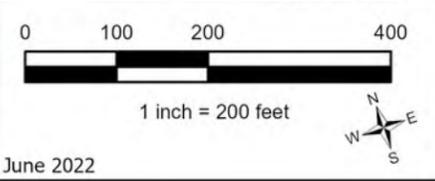
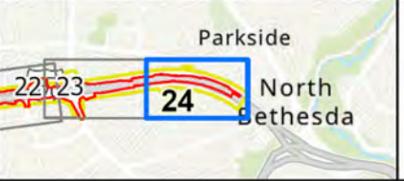
June 2022

Map 22 Match Line

Map 24 Match Line



RPA Limit of Disturbance Temp	Proposed Retaining Wall	Bridge	Waterway Impact Perm	Wetland Buffer Impact Perm
RPA Limit of Disturbance Perm	New/Augmented Pipe/Culvert	Limit Of Improved SWM / Storage	Waterway Impact Temp	Wetland Buffer Impact Temp
Delineation Limits	Relocated Channel	Limit Of Restoration	Culvert Impact Perm	Stream No Impact
Proposed Pavement	Proposed SWM - Pond	Limit Of Stabilization	Culvert Impact Temp	Wetland No Impact
Noise Wall Proposed	Proposed SWM - Swale	Shared Use Path	Wetland Impact Perm	Wetland Buffer No Impact
Noise Wall Existing	Proposed SWM - Vault	Flow Direction	Wetland Impact Temp	FEMA 100-Year Floodplain

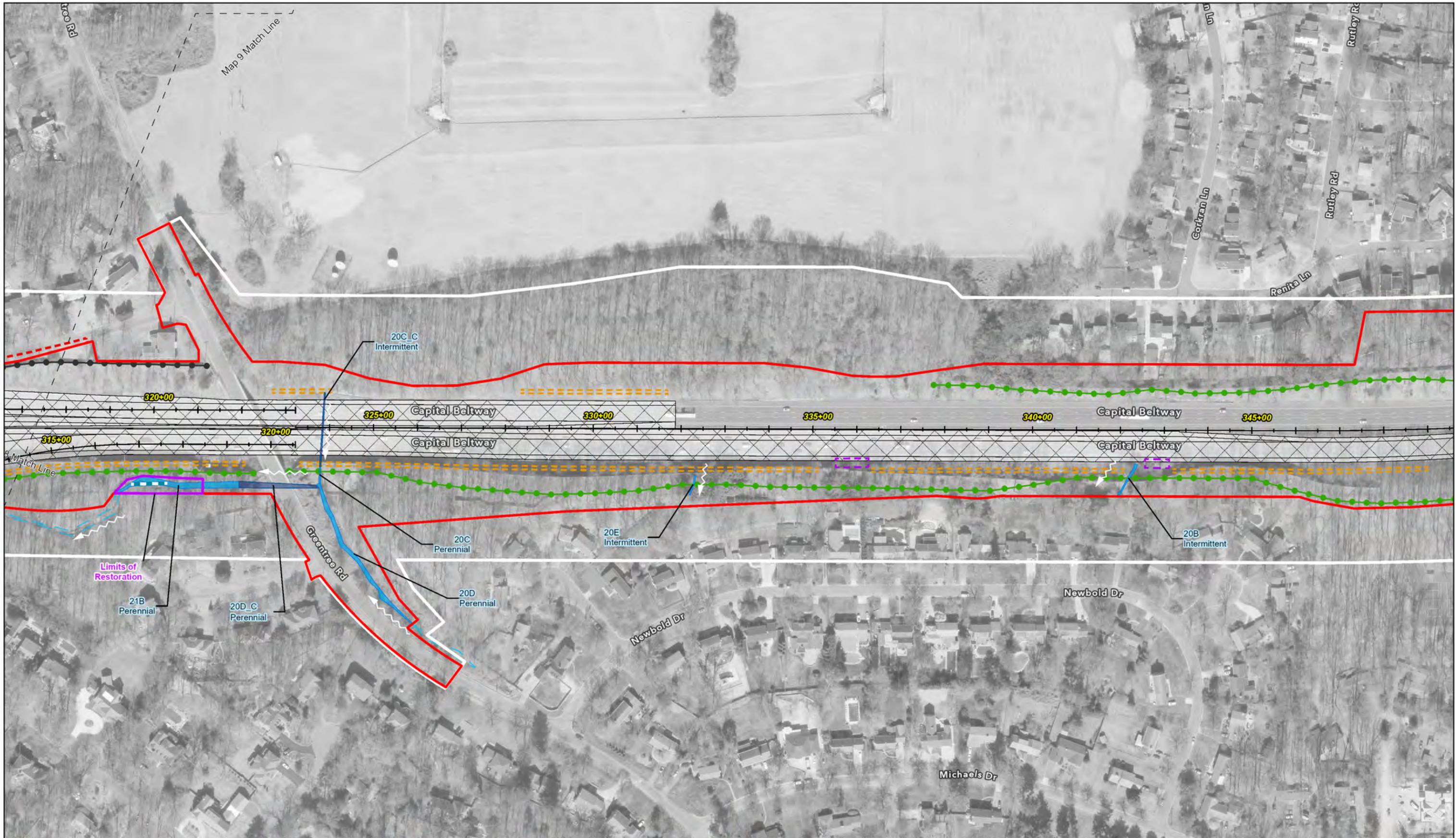


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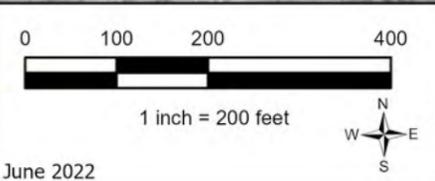
**Maryland
Wetland and Waterway
Impact Plates**

Mainline Impact Plate 24





RPA Limit of Disturbance Temp	Proposed Retaining Wall	Bridge	Waterway Impact Perm	Wetland Buffer Impact Perm
RPA Limit of Disturbance Perm	New/Augmented Pipe/Culvert	Limit Of Improved SWM / Storage	Waterway Impact Temp	Wetland Buffer Impact Temp
Delineation Limits	Relocated Channel	Limit Of Restoration	Culvert Impact Perm	Stream No Impact
Proposed Pavement	Proposed SWM - Pond	Limit Of Stabilization	Culvert Impact Temp	Wetland No Impact
Noise Wall Proposed	Proposed SWM - Swale	Shared Use Path	Wetland Impact Perm	Wetland Buffer No Impact
Noise Wall Existing	Proposed SWM - Vault	Flow Direction	Wetland Impact Temp	FEMA 100-Year Floodplain



Maryland
Wetland and Waterway
Impact Plates
 Mainline Impact Plate 25

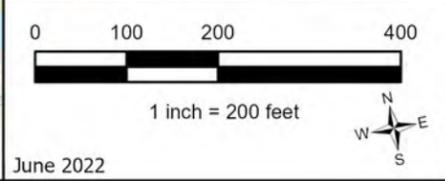


June 2022



LOD is limited to existing pavement
and thus Dead Run will not be impacted.

RPA Limit of Disturbance Temp	Proposed Retaining Wall	Bridge	Waterway Impact Perm	Wetland Buffer Impact Perm
RPA Limit of Disturbance Perm	New/Augmented Pipe/Culvert	Limit Of Improved SWM / Storage	Waterway Impact Temp	Wetland Buffer Impact Temp
Delineation Limits	Relocated Channel	Limit Of Restoration	Culvert Impact Perm	Stream No Impact
Proposed Pavement	Proposed SWM - Pond	Limit Of Stabilization	Culvert Impact Temp	Wetland No Impact
Noise Wall Proposed	Proposed SWM - Swale	Shared Use Path	Wetland Impact Perm	Wetland Buffer No Impact
Noise Wall Existing	Proposed SWM - Vault	Flow Direction	Wetland Impact Temp	FEMA 100-Year Floodplain



**Virginia
Wetland and Waterway
Impact Plates**

Mainline Impact Plate 26



June 2022