



Potomac Yard Metrorail Station Environmental Impact Statement Alternative Refinement

February 6, 2012

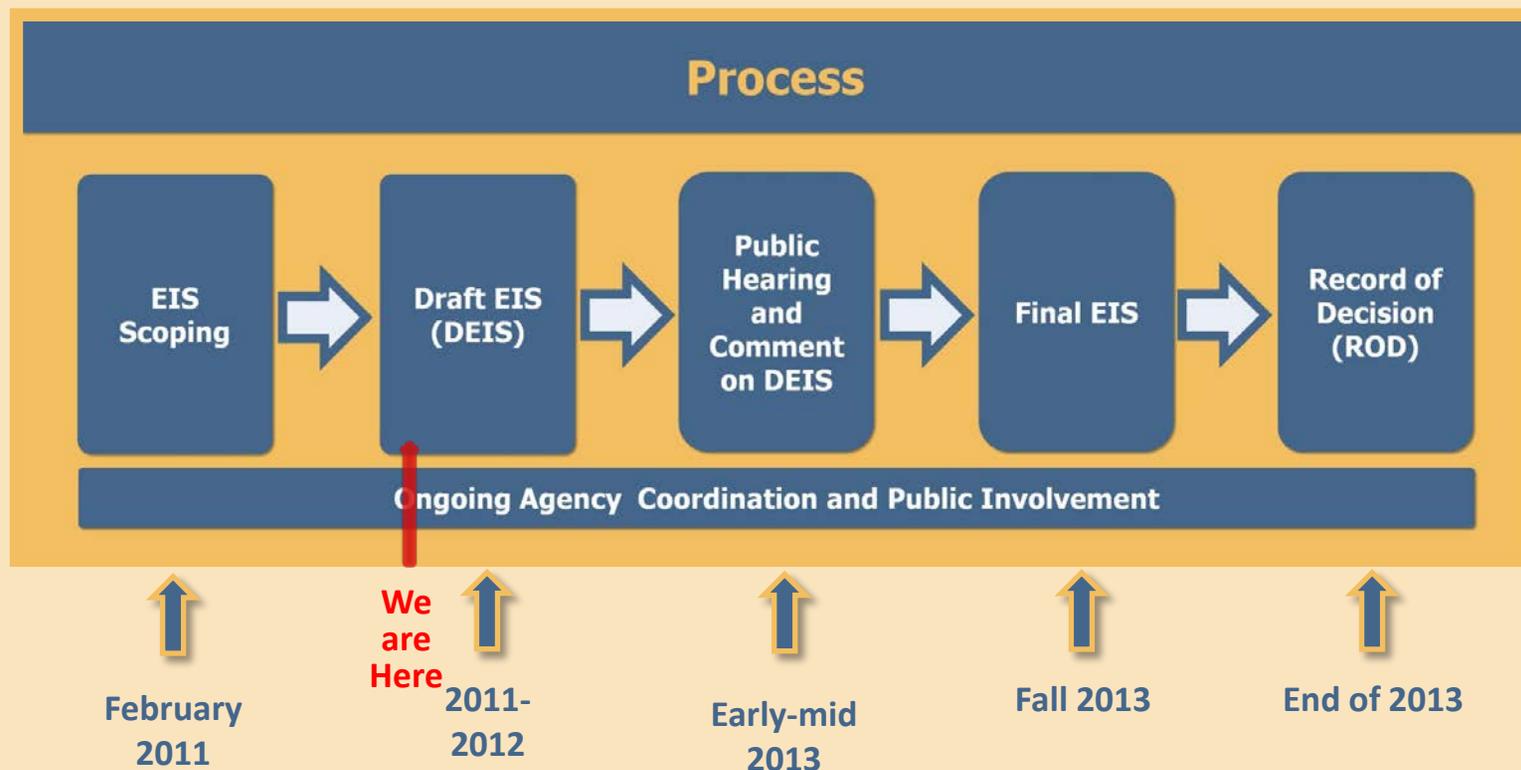


Agenda

1. Welcome and Review of Project to Date
2. Refinement of Alternatives
3. Functionality and Appearance
4. Cost Drivers
5. Schedule
6. Next Steps

Process to Date

1. Potomac Yard Metrorail Station Concept Development Study (February, 2010)
2. Scoping Process (June 2011) & first meeting of PYMIG
3. Screening Document (October 2011) and second meeting of PYMIG
4. Refinement of Alternatives



Station Location Zones



LEGEND

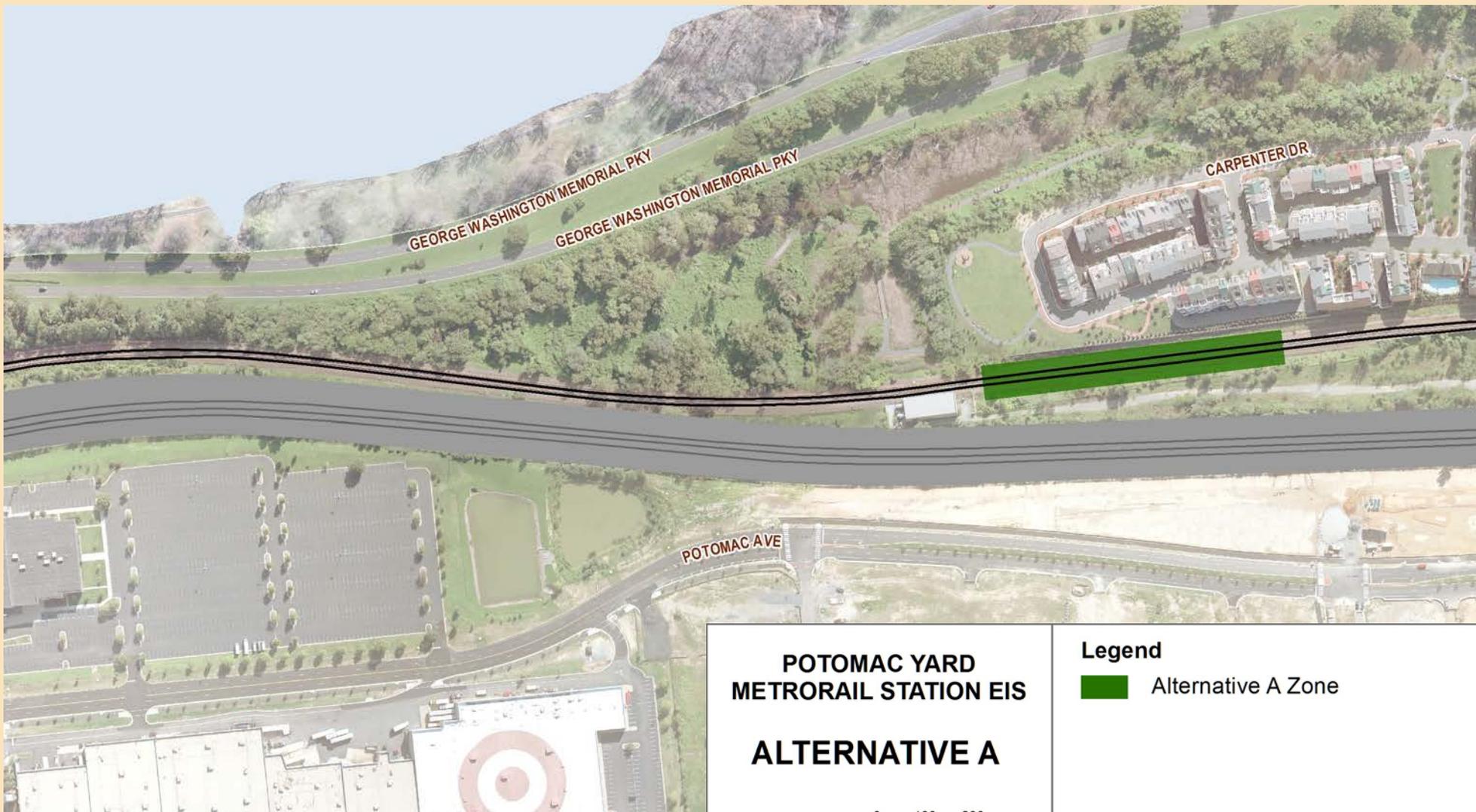
- Zone A
- Zone B
- Zone D
- Existing Metrorail Blue/Yellow Line
- CSX Railroad

Refinement of Stations

Criteria for Refinement:

- NPS Property
- Wetlands
- Existing, Approved Plans
- Ownership
- Track Geometry
- Construction Impacts/Access
- Potential Ridership Capture

Alternative A



**POTOMAC YARD
METRORAIL STATION EIS**

ALTERNATIVE A

Legend

 Alternative A Zone

Alternative A



**POTOMAC YARD
METRORAIL STATION EIS**

ALTERNATIVE A

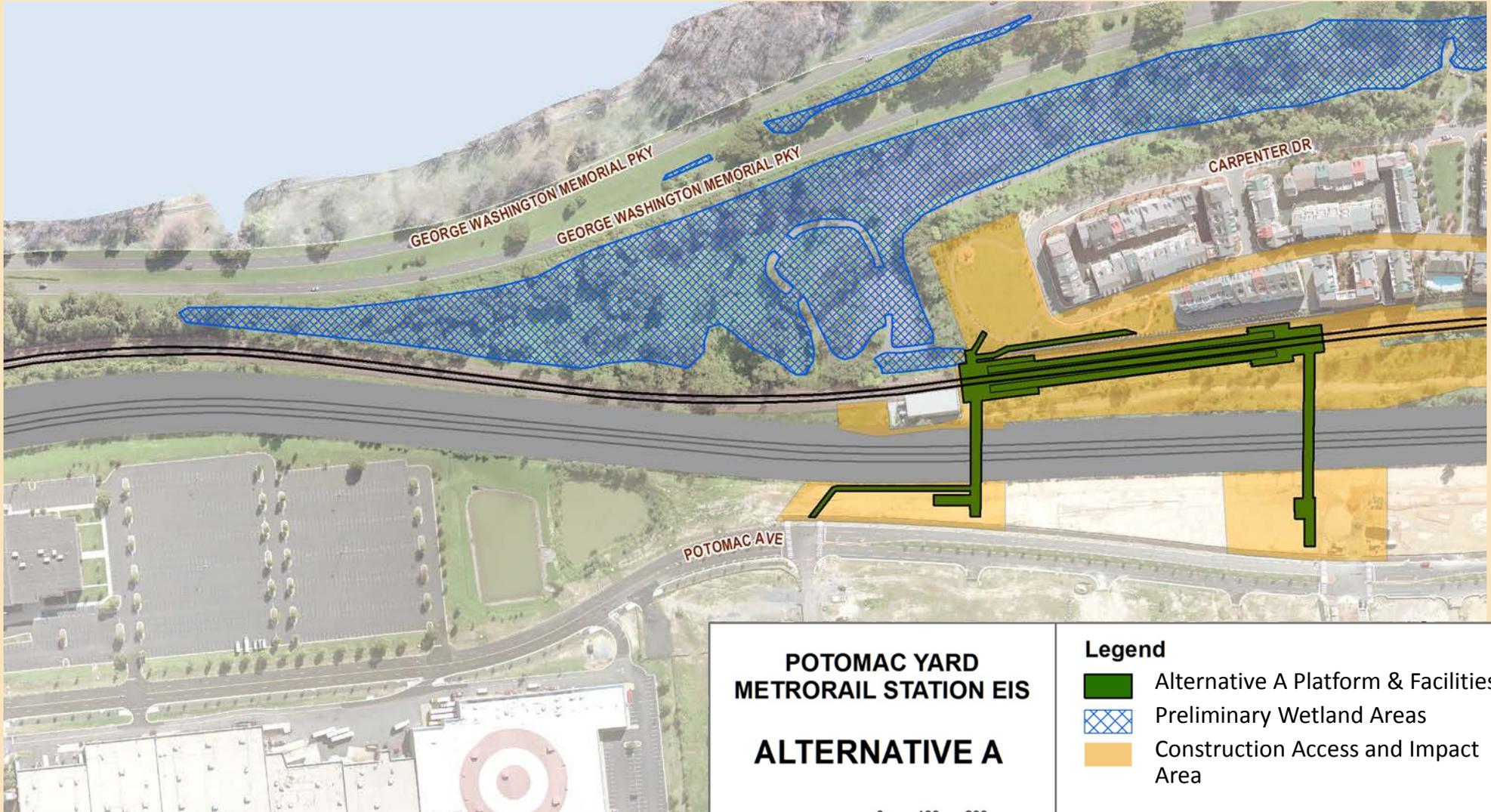


0 100 200
Feet

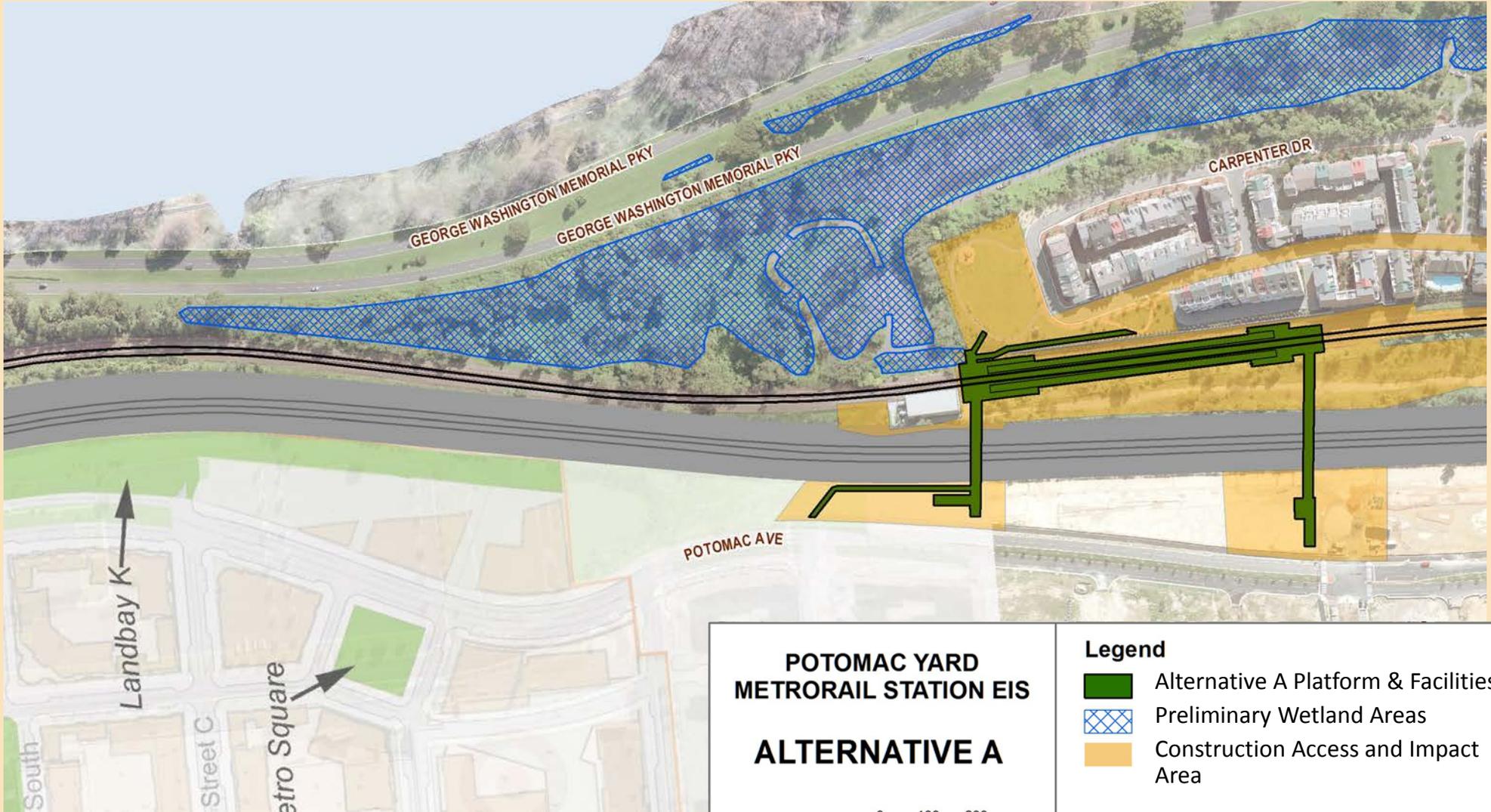
Legend

 Alternative A Platform & Facilities

Alternative A



Alternative A



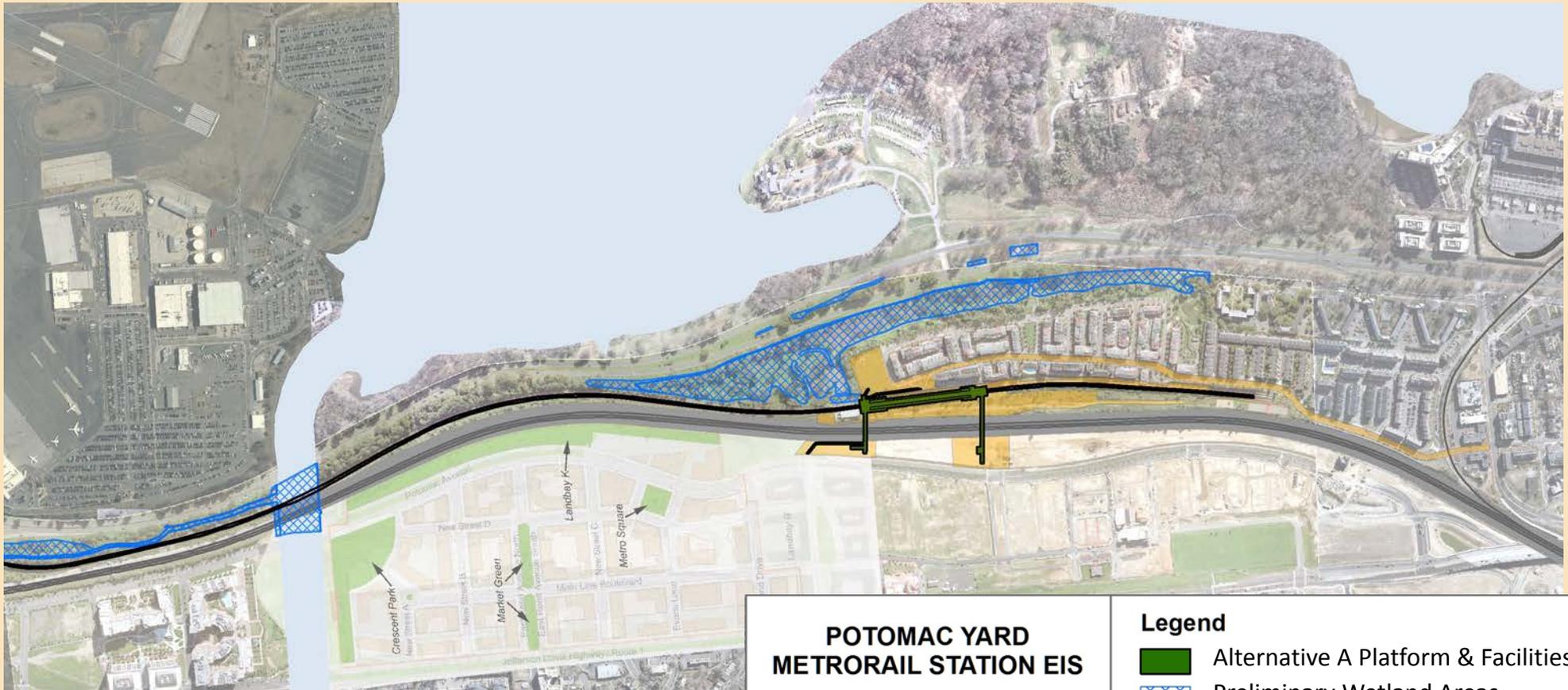
**POTOMAC YARD
METRORAIL STATION EIS
ALTERNATIVE A**

Legend

- Alternative A Platform & Facilities
- Preliminary Wetland Areas
- Construction Access and Impact Area

0 100 200 Feet

Alternative A



POTOMAC YARD METRORAIL STATION EIS

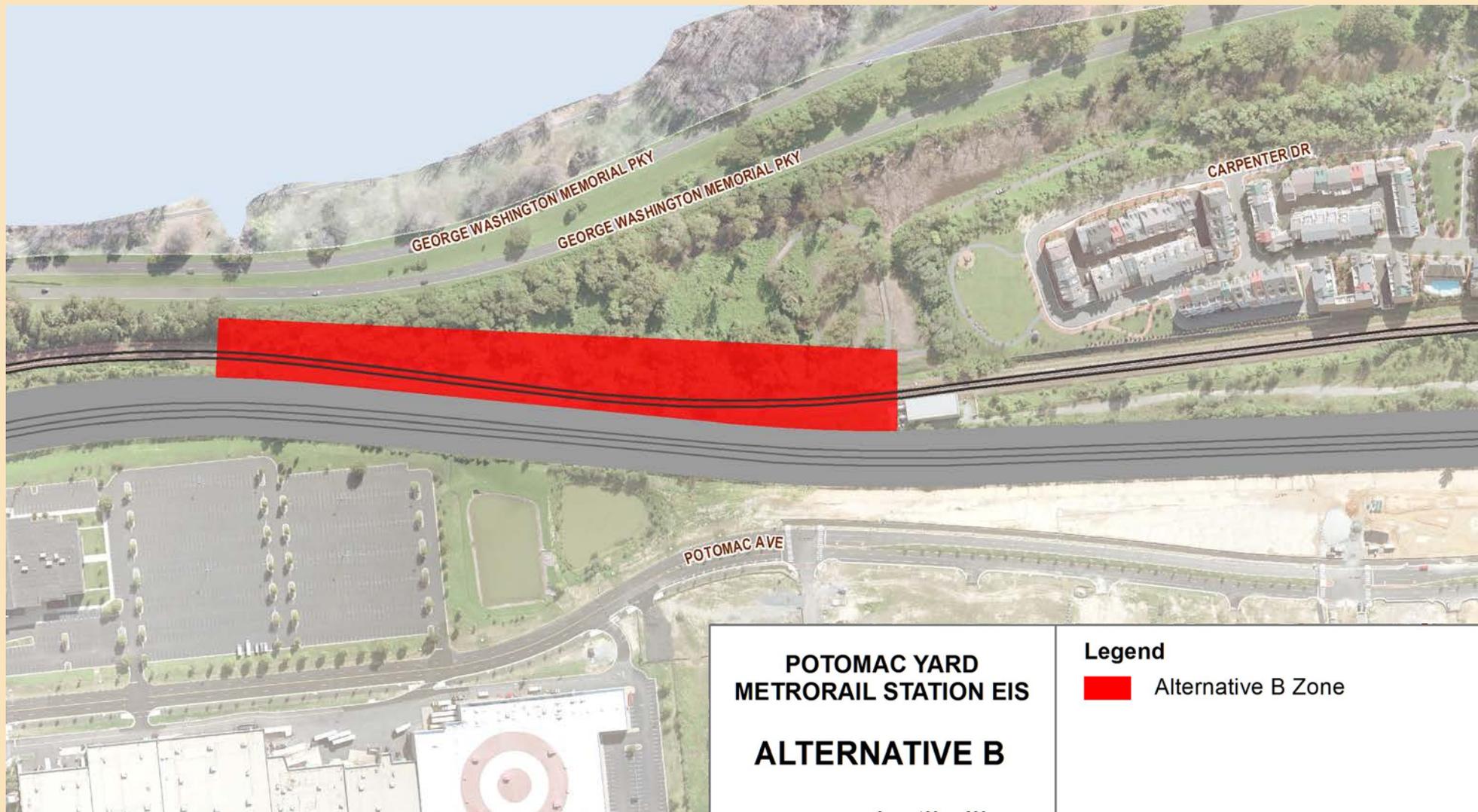
ALTERNATIVE A

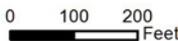


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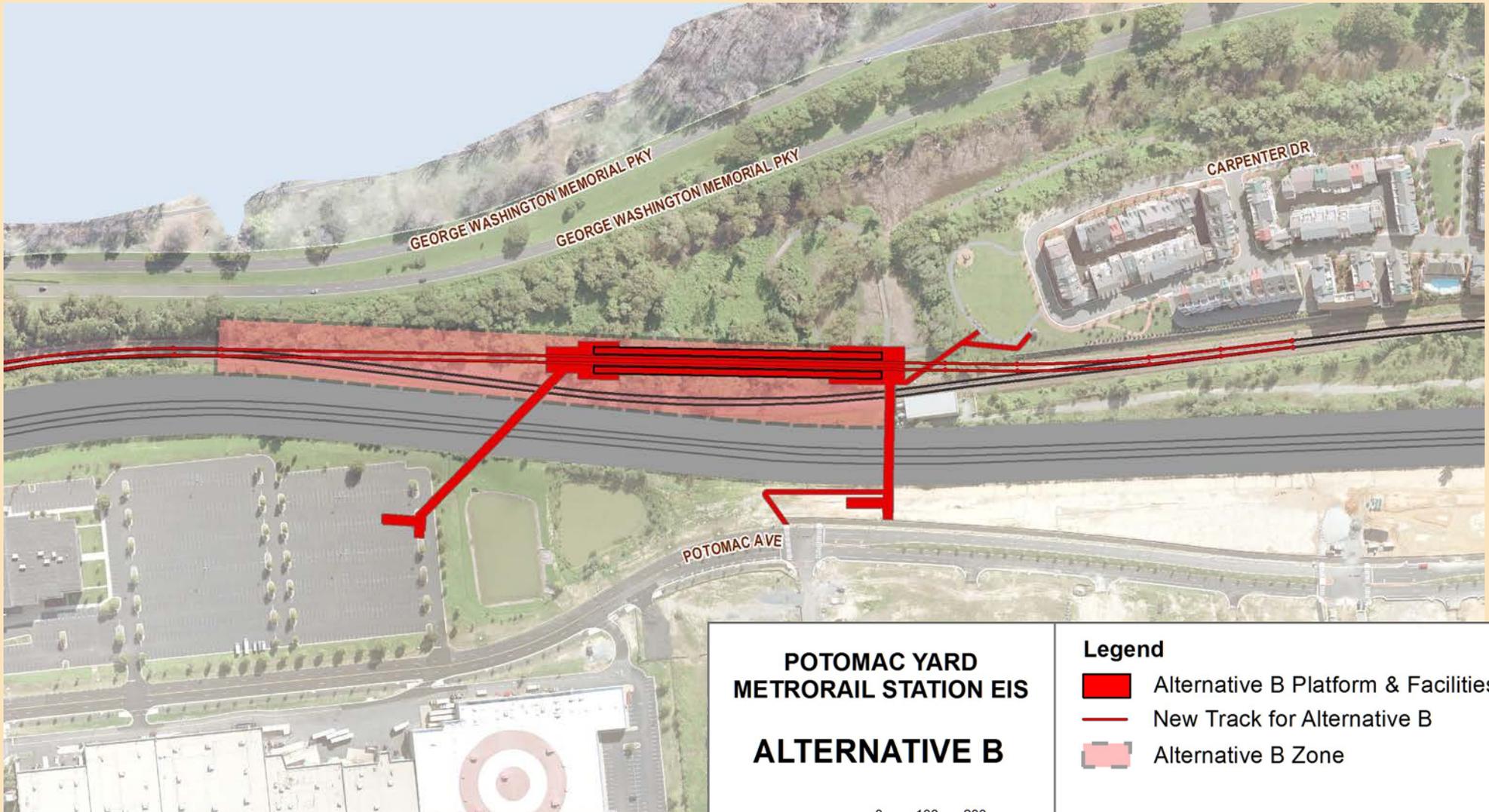
-  Alternative A Platform & Facilities
-  Preliminary Wetland Areas
-  Construction Access and Impact Area

Alternative B

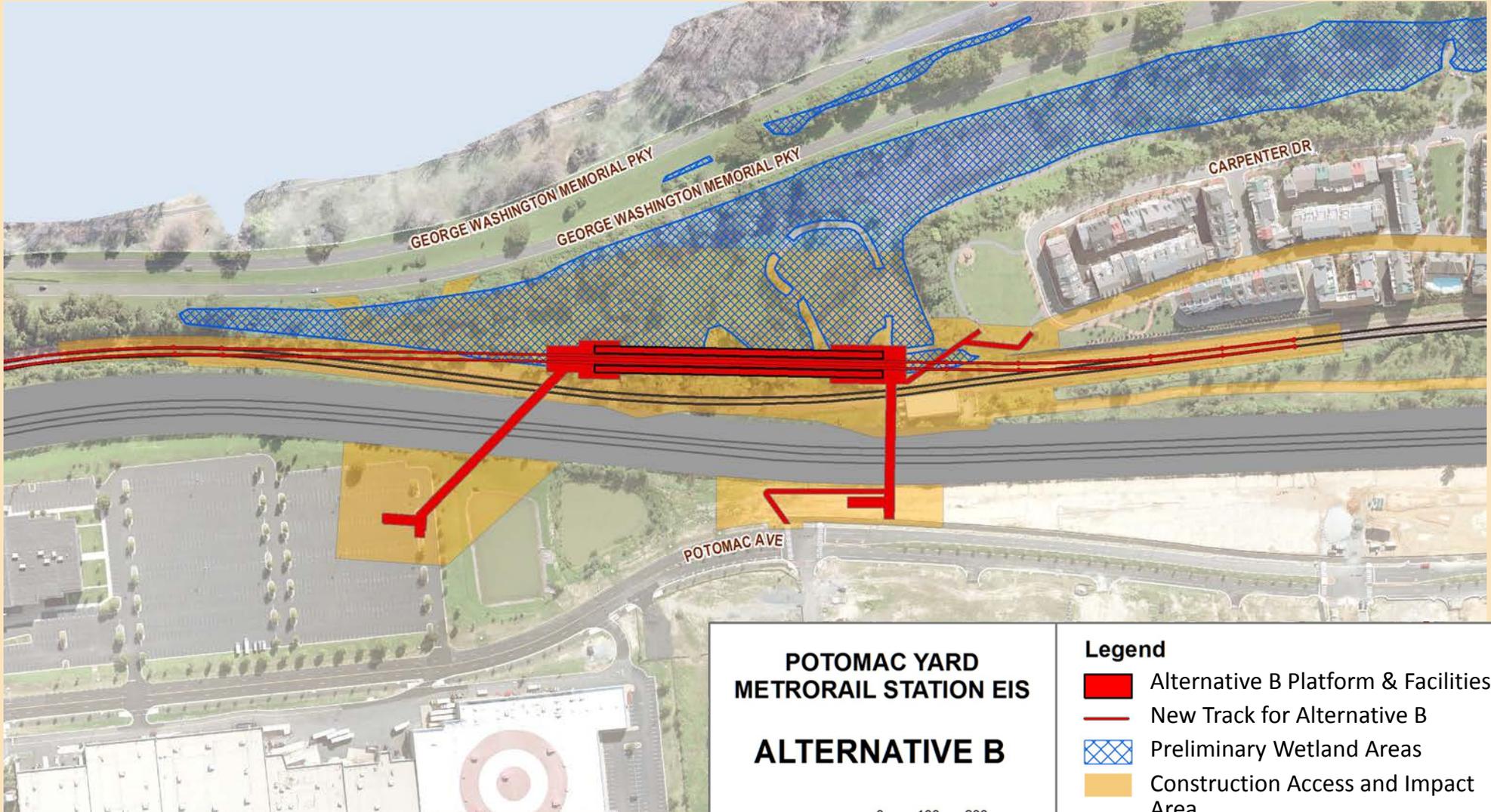


<p>POTOMAC YARD METRORAIL STATION EIS</p> <p>ALTERNATIVE B</p> <p> </p>	<p>Legend</p> <p> Alternative B Zone</p>
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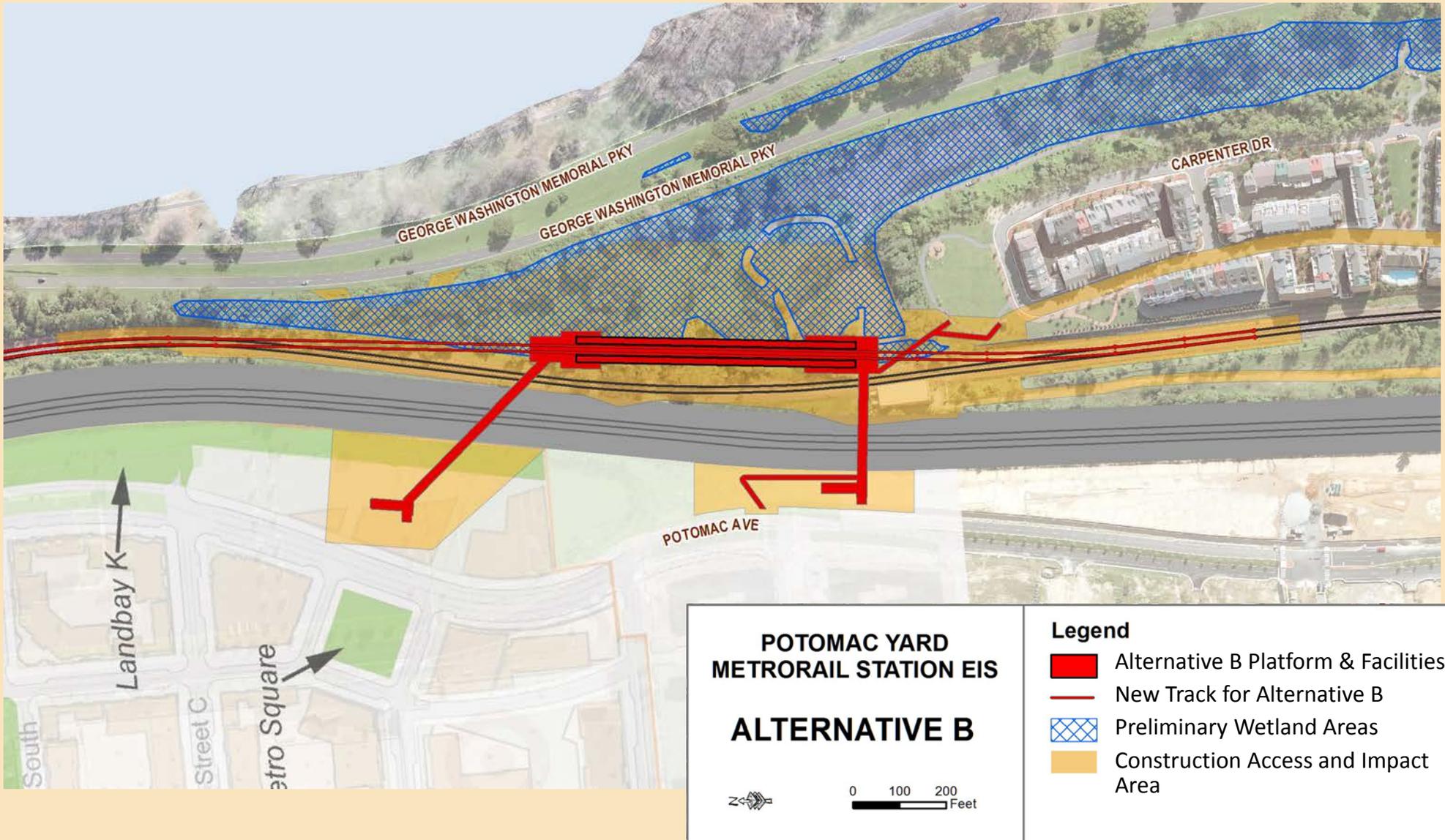
Alternative B



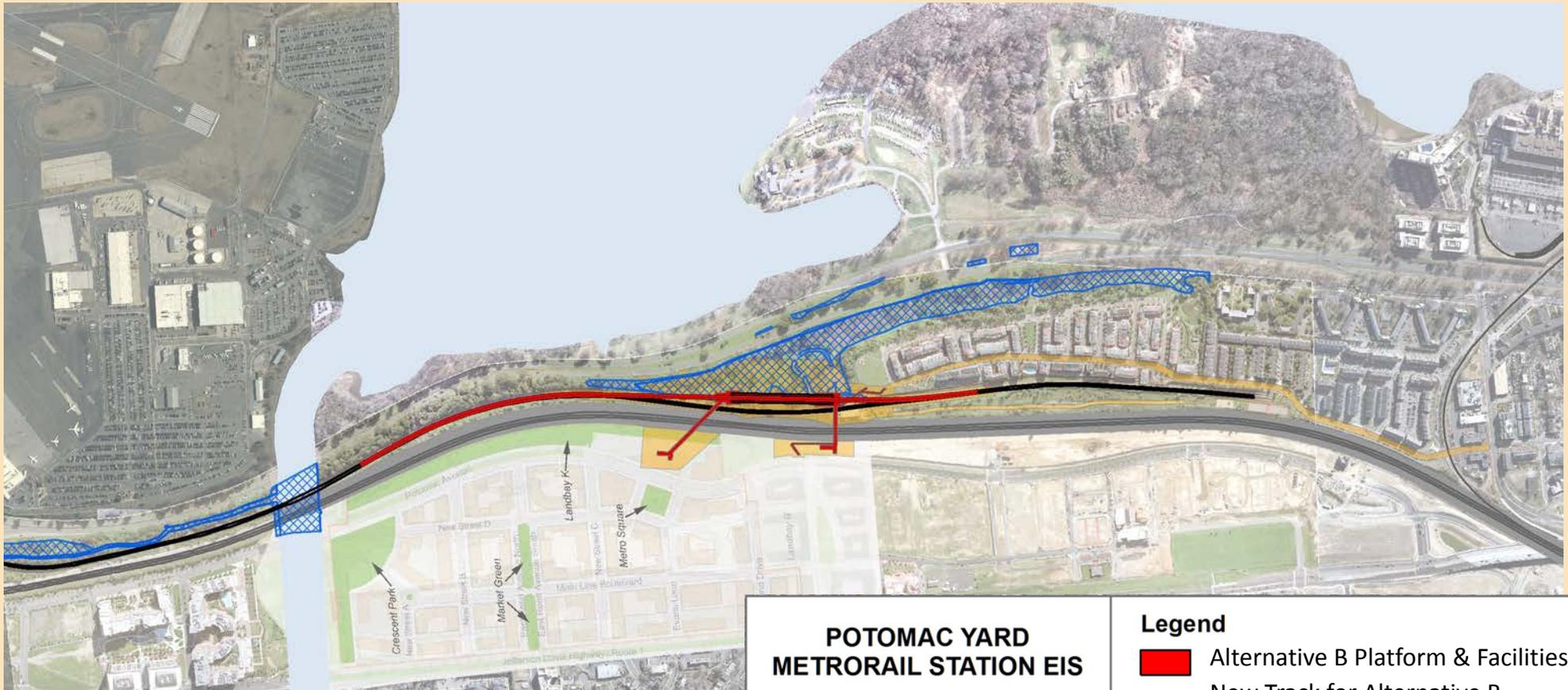
Alternative B



Alternative B



Alternative B



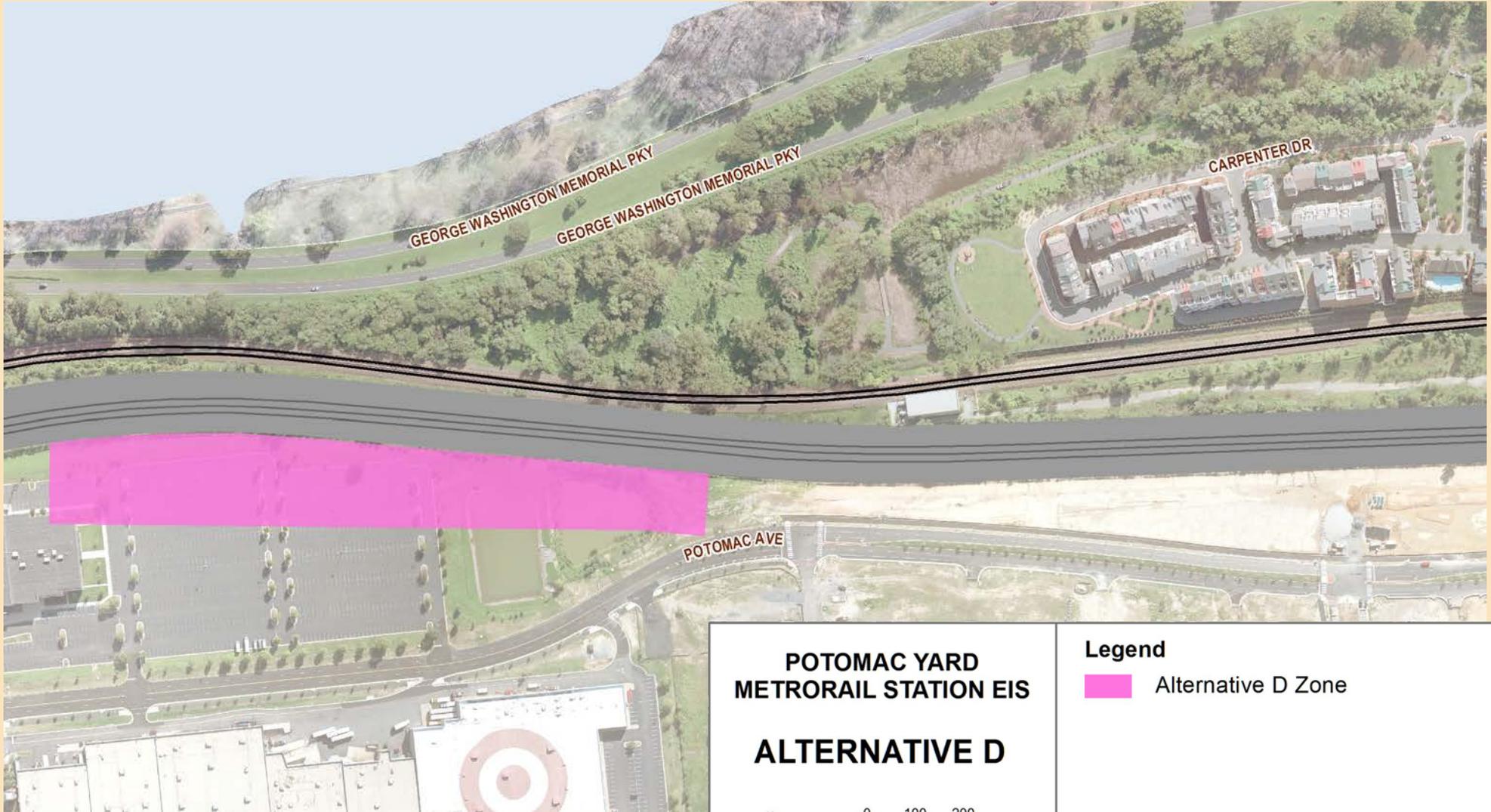
Legend

-  Alternative B Platform & Facilities
-  New Track for Alternative B
-  Preliminary Wetland Areas
-  Construction Access and Impact Area

Functionality and Appearance: Example: At-Grade Station – Morgan Boulevard



Alternative D



**POTOMAC YARD
METRORAIL STATION EIS**

ALTERNATIVE D

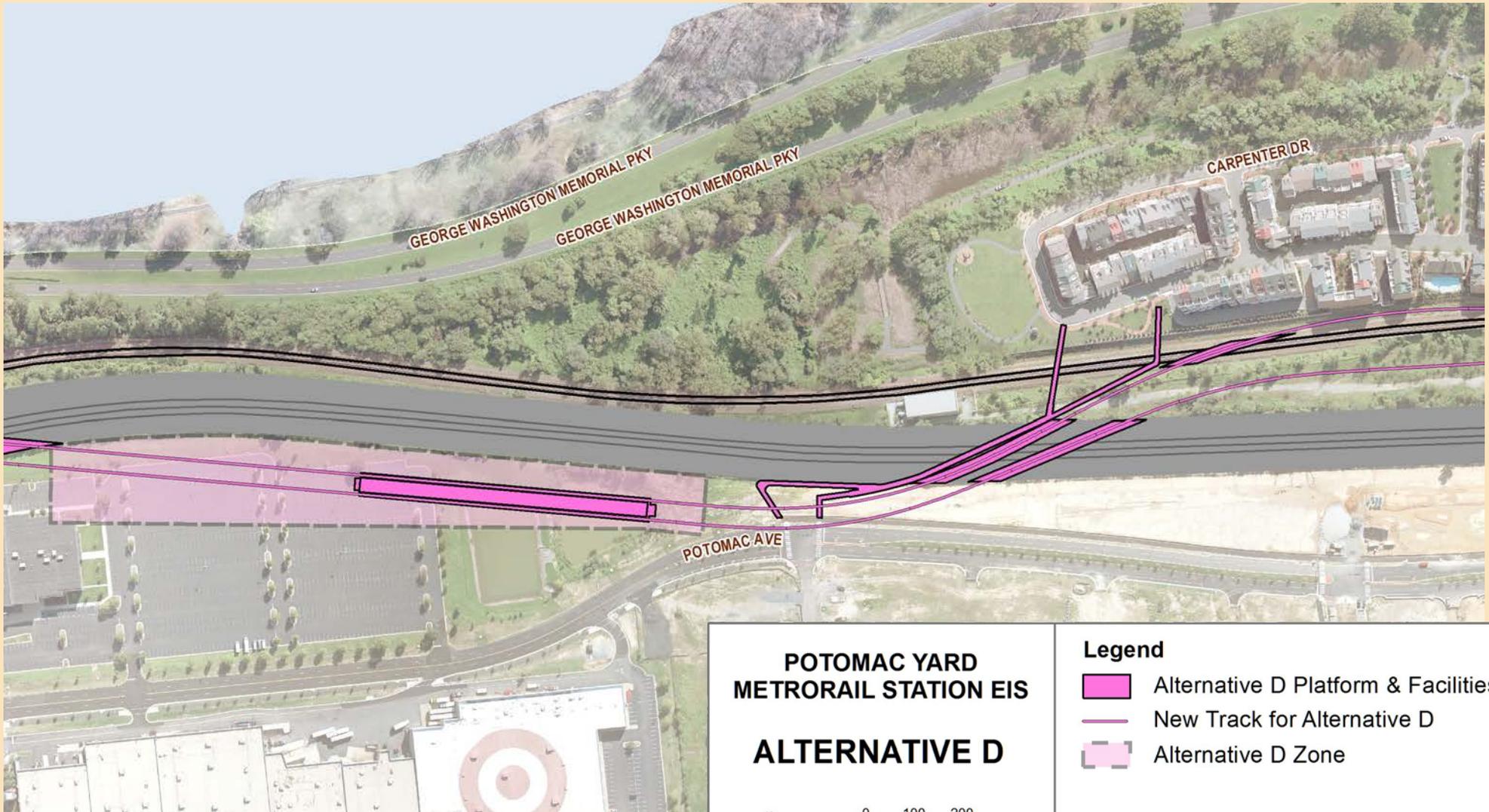


0 100 200
Feet

Legend

 Alternative D Zone

Alternative D



**POTOMAC YARD
METRORAIL STATION EIS**

ALTERNATIVE D

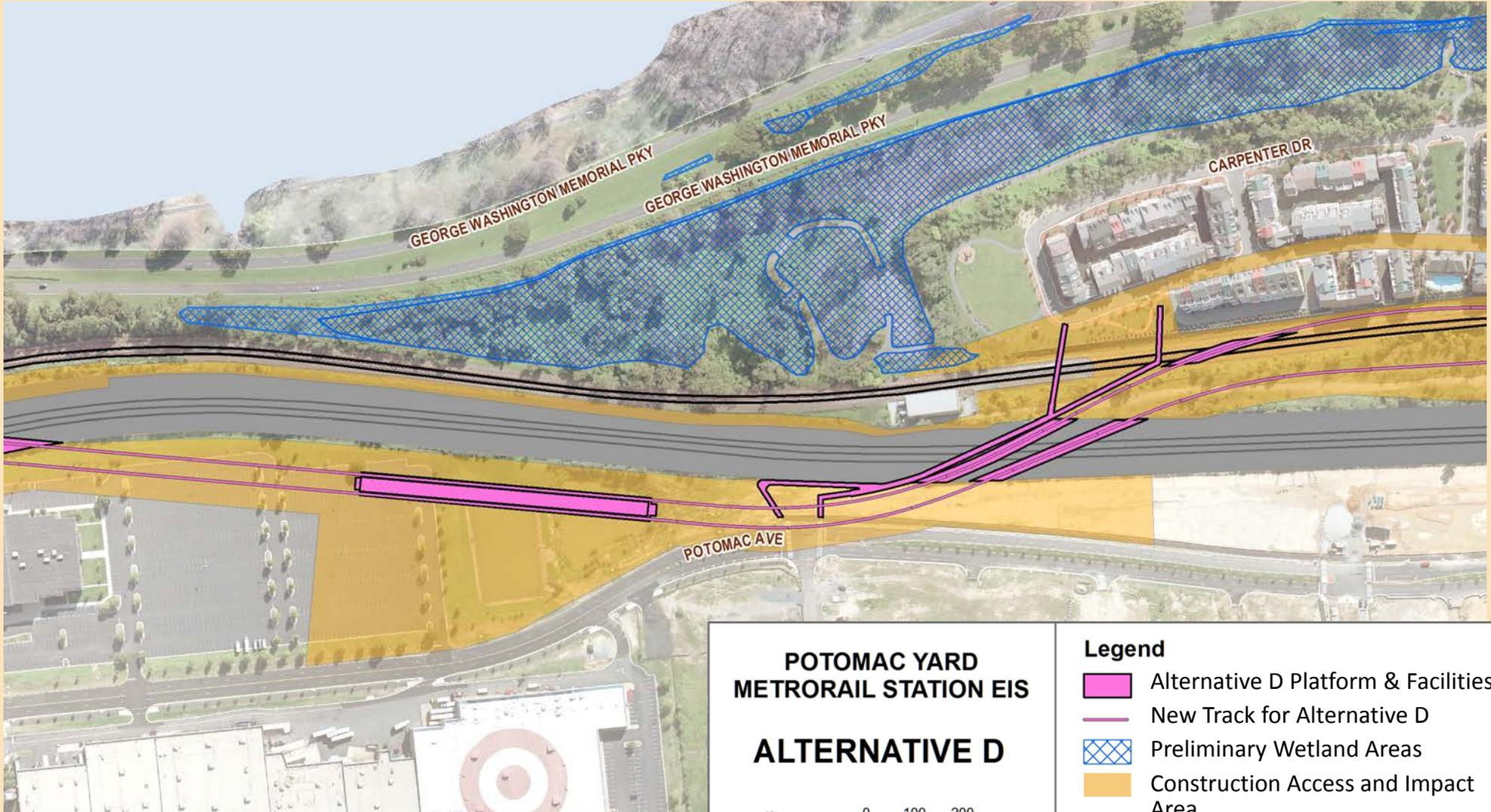


0 100 200 Feet

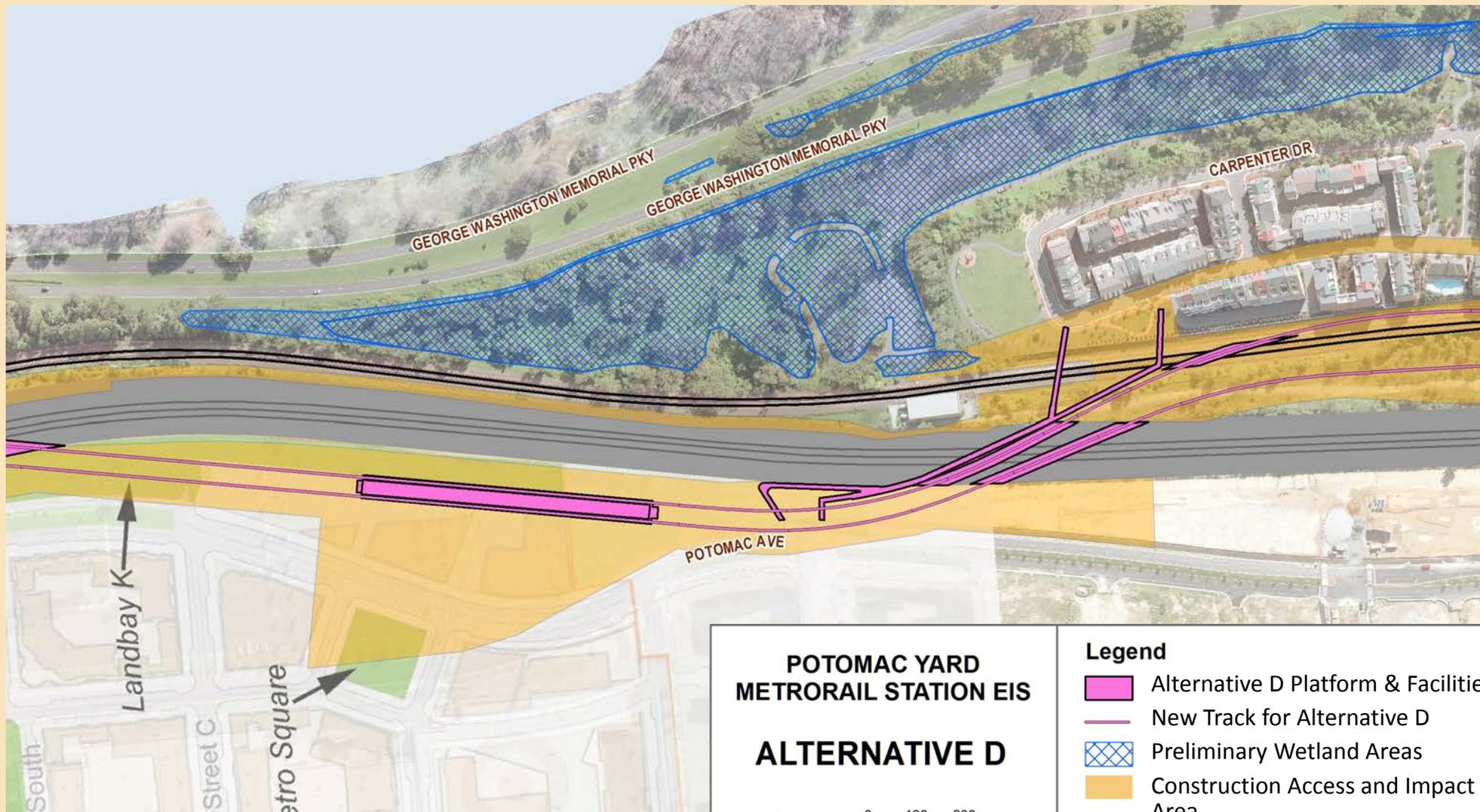
Legend

-  Alternative D Platform & Facilities
-  New Track for Alternative D
-  Alternative D Zone

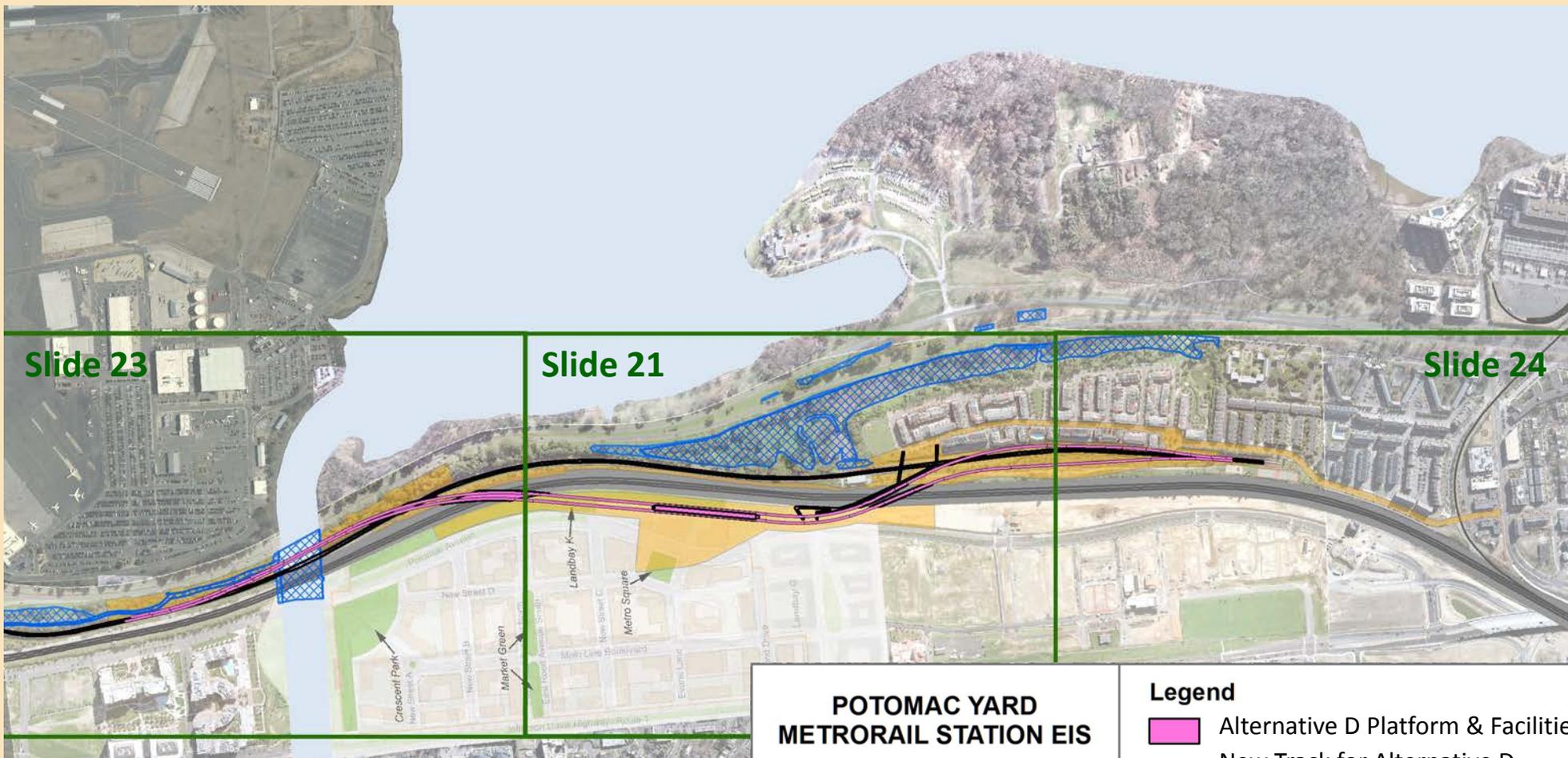
Alternative D



Alternative D



Alternative D



POTOMAC YARD METRORAIL STATION EIS

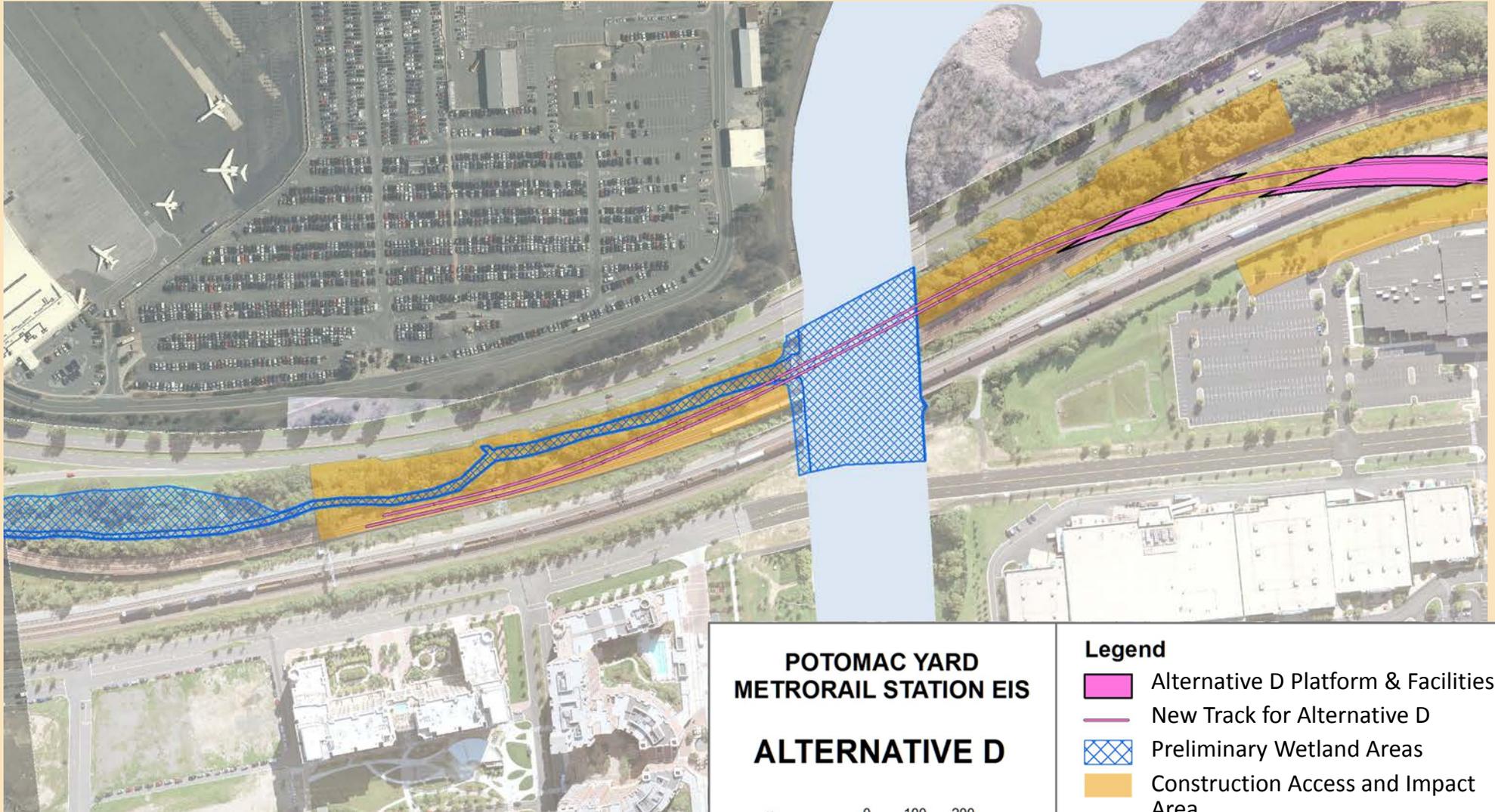
ALTERNATIVE D

Legend

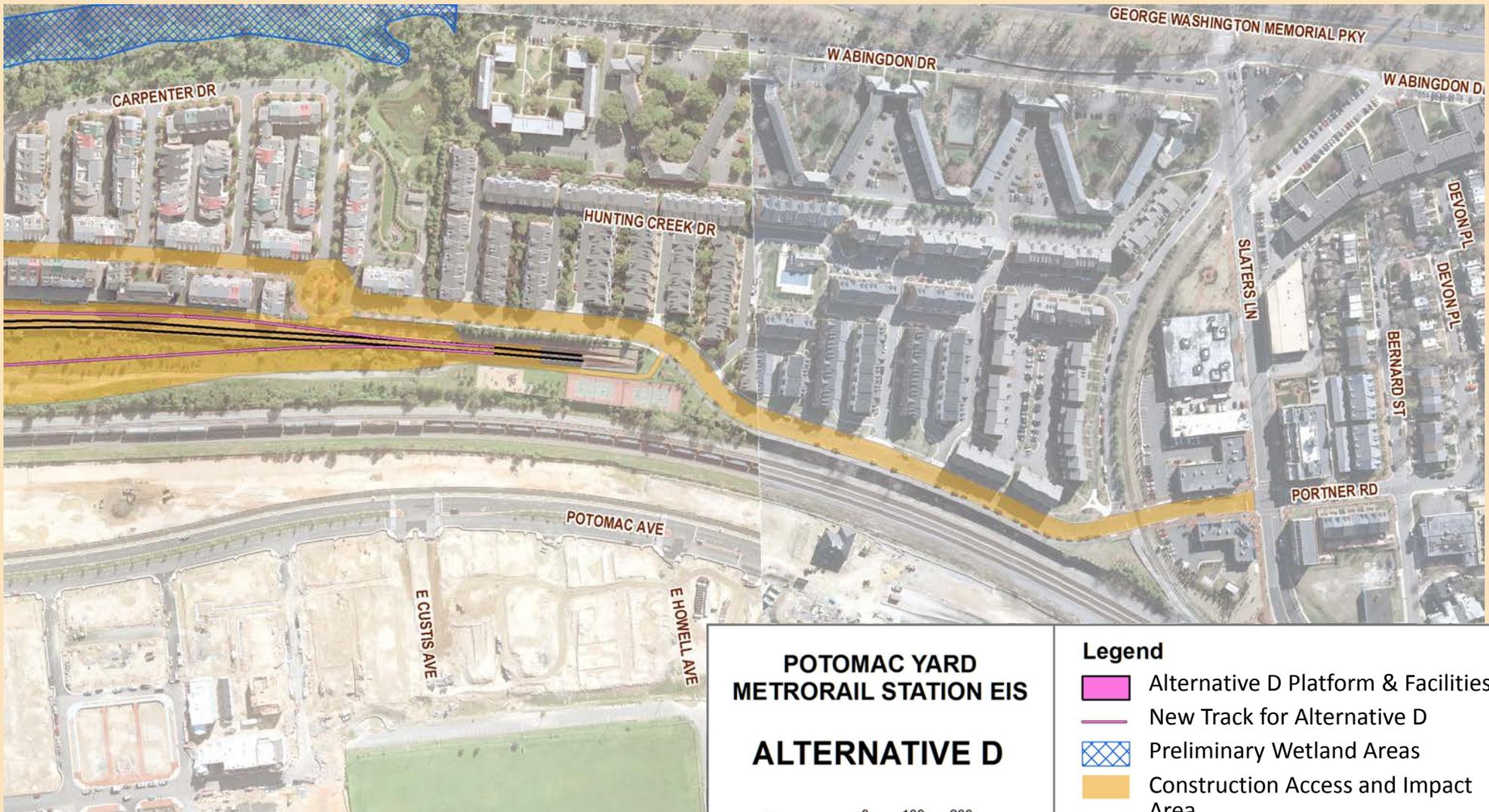
- Alternative D Platform & Facilities
- New Track for Alternative D
- Preliminary Wetland Areas
- Construction Access and Impact Area

0 450 900 Feet

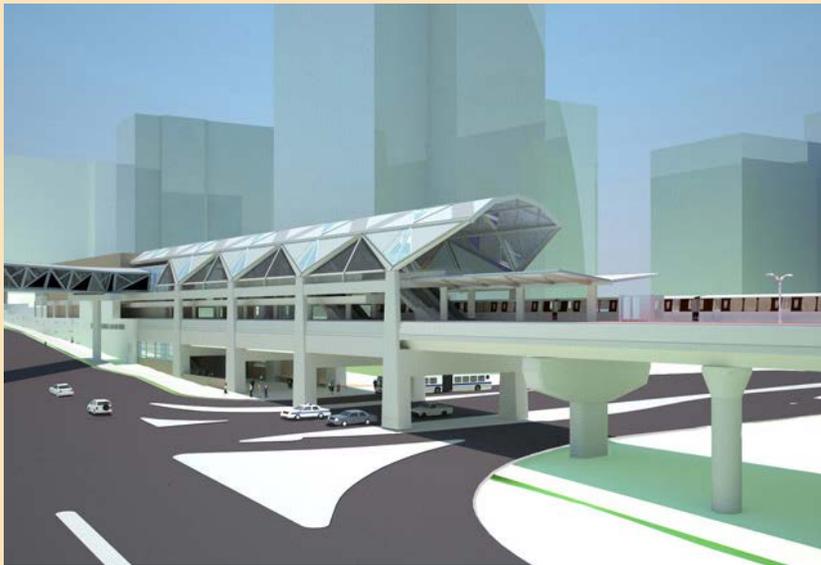
Alternative D – North End



Alternative D – South End



Functionality and Appearance: Example: Aerial Station – Tysons Corner



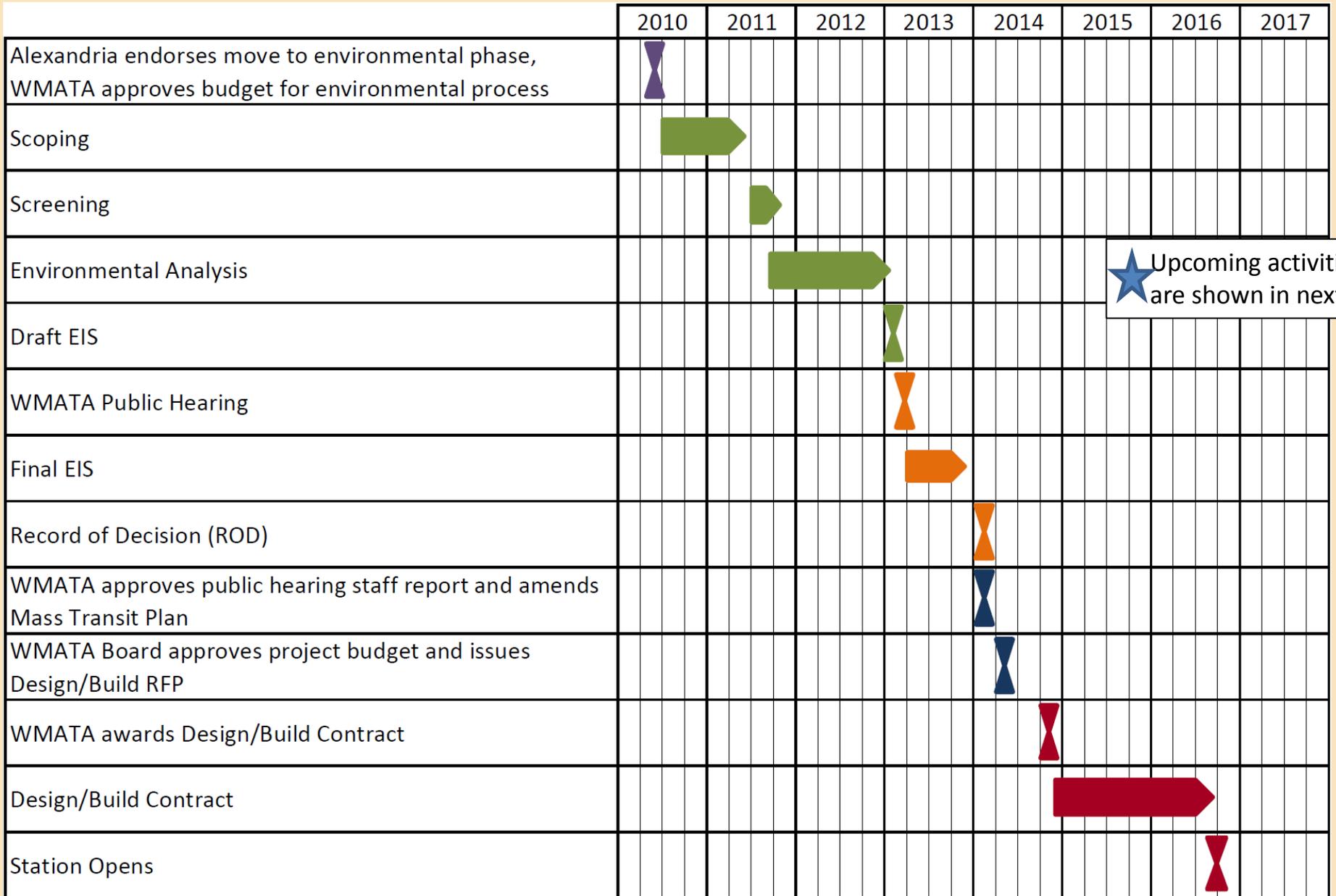
Functionality and Appearance: Example: Aerial Station – Tysons Corner – during construction



Cost Drivers

	Alt A	Alt B	Alt D
Structures Required	<ul style="list-style-type: none"> • 2 pedestrian bridges 	<ul style="list-style-type: none"> • 2 pedestrian bridges • Retaining wall 	<ul style="list-style-type: none"> • New Metrorail bridge over Four Mile Run; • 2 new Metrorail bridges • 1 pedestrian bridge • Aerial track and supports
New Track Construction	0-feet	Approximately 2,000-feet	Approximately 6,000-feet
Complexity of Construction Staging	Moderate	Moderate-High	High
Requires Construction Along Live Tracks	High	Medium	Medium-Low

Overall Project Schedule



★ Upcoming activities are shown in next slide

Further Cost Drivers and Upcoming Schedule

	2012							
	Jan	Feb	March	April	May	June	July	Aug
Analysis Methodologies Report	█							
Survey	█							
Refinement of Alternatives	█							
Social and Economic Effects								
Land Use Plans and Displacements		█						
Neighborhoods, Environmental Justice & Health and Safety Risks for Children		█						
Safety and Security		█						
Environmental Effects								
Ecosystems & Threatened and Endangered Species		█						
Soils and Geologic Conditions		█						
Hazardous & Contaminated Materials			█					
Noise & Vibration				█				
Water Resources		█						
Visual Resources				█				
Construction Impacts						█		
Air Quality						█		
Secondary & Cumulative Effects						█		
Transportation Effects								
Bus & Rail Operating Plans		█						
Ridership Forecasts		█						
Traffic Impacts			█					
Impacts to Other Modes				█				

Next Steps

- Individual environmental impact methodology reports
- Environmental analysis for each of the proposed alternatives
- Next level of cost information
 - Cost estimates (Expected Fall, 2012)
- Next Meeting (tentatively May, 2012)