



# Section 404 of the CWA as a Climate Resilience Tool

Mitigation Update 10.29.2018





# Basics of Wetlands Mitigation

Wetlands are Important-Clean Water Act- Section 404

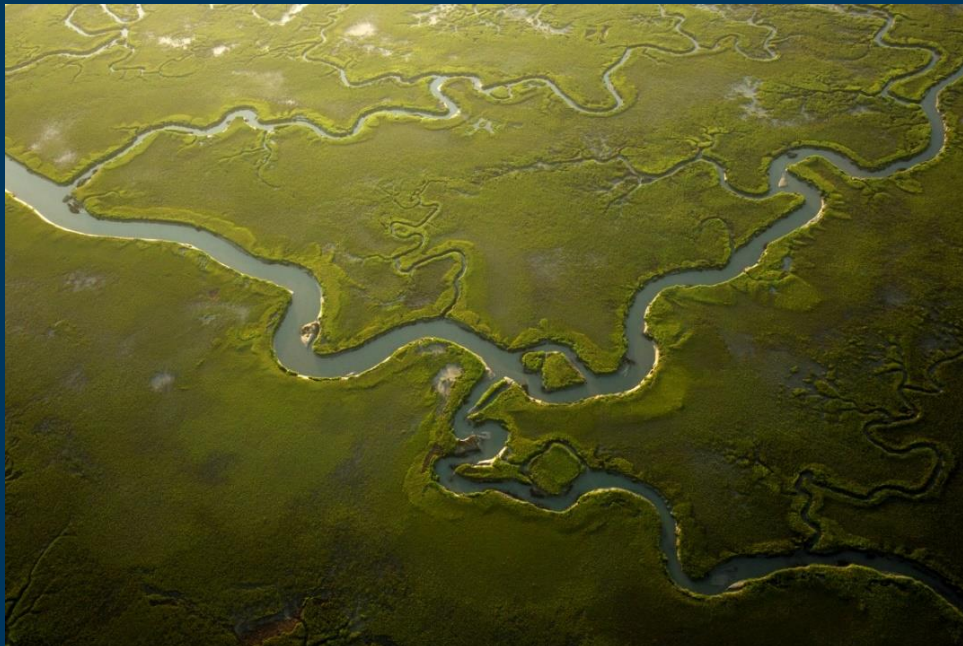
Avoid, Minimize, Mitigate Impacts to:

- Jurisdictional Waters- wetlands with a reasonable nexus to navigable waters in order to achieve:
- “No Net Loss” of wetlands.



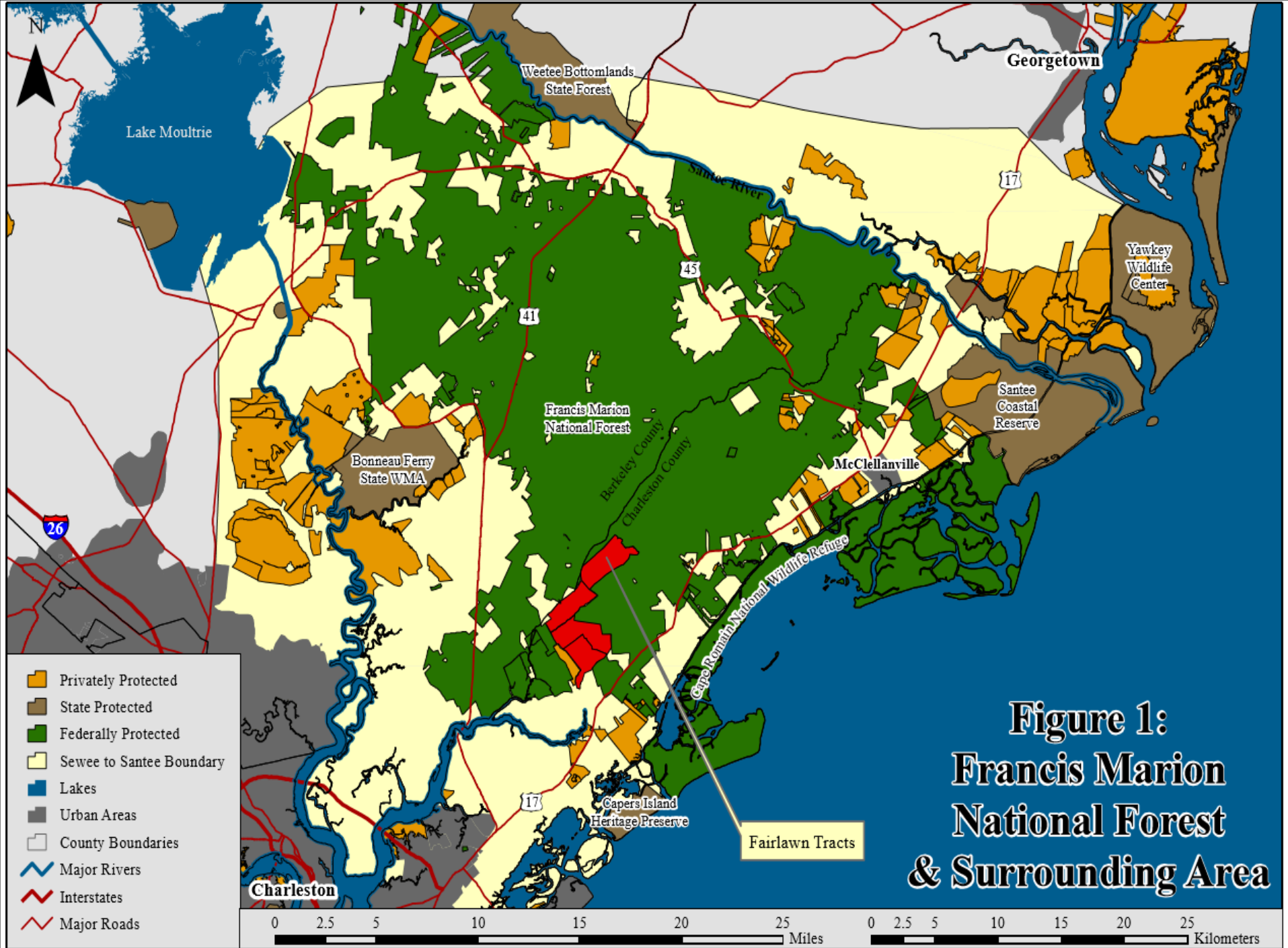
# Mitigation: Offsetting Lost Function and Value

- Watershed Approach
- Banks, Permittee Responsible, Landscape Scale Mitigation

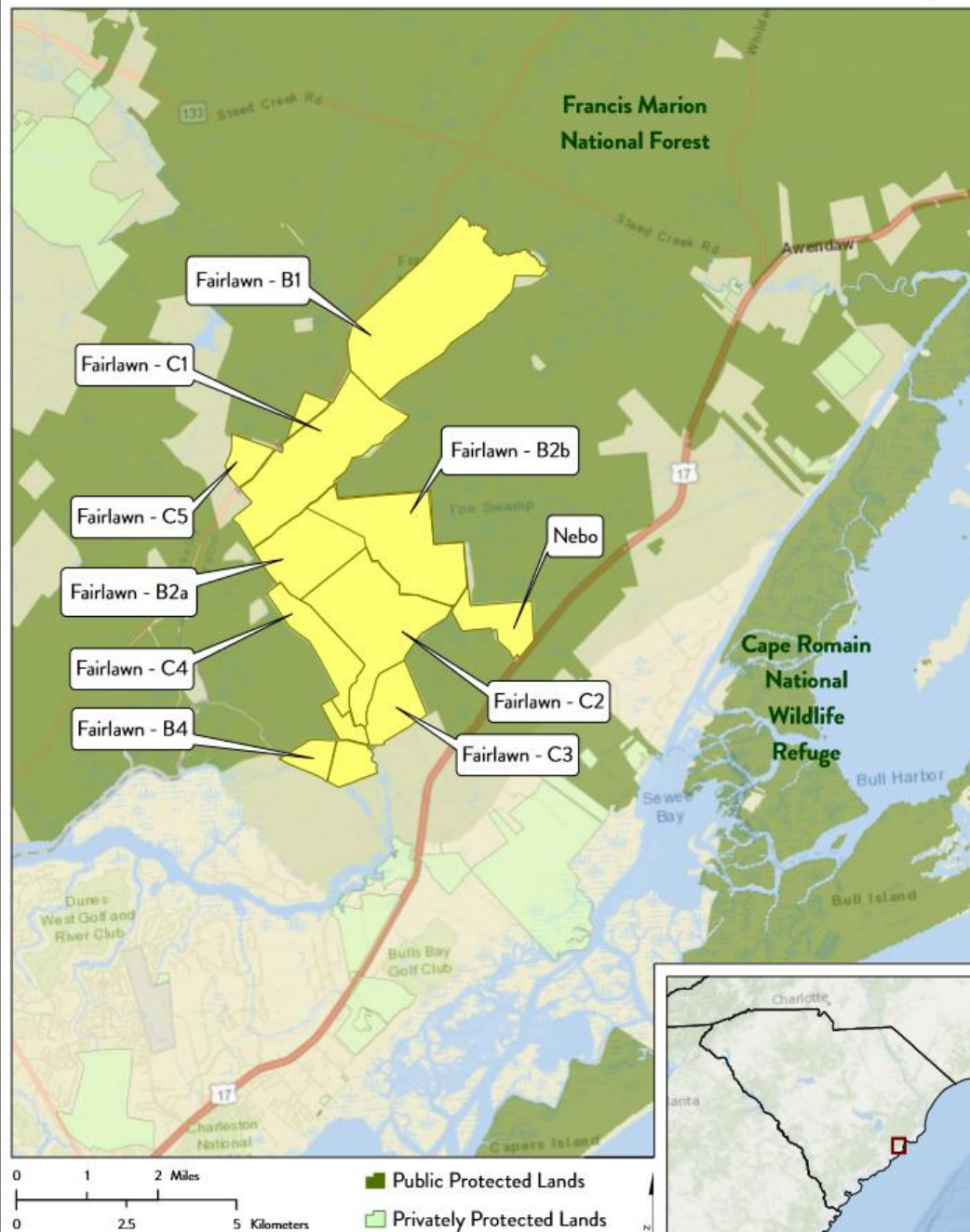


## Possible Mitigation Outcomes:

- 1) Wetland function and value uplift  
(required)
- 2) Resilient, landscape scale  
location/priority
- 3) Public access
- 4) Solves land use issue/manages  
sprawl
- 5) Furthers existing conservation plans
- 6) Connects and enhances ongoing







# BOEING- 787 Final Assembly





# Boeing Project Summary

Impacts: 153.71 acres

Mitigation: 3,910 acres

2235 acres of Fairlawn

1675 acres of Keystone





# Charleston Harbor Deepening



# Charleston Harbor Deepening Project Summary

Impacts: 324 acres converted

Mitigation:

1,152 acres of Fairlawn

\$5 M Revolving Fund





# S.C. Commerce- Volvo Rail Line



VOLVO



**Figure A**  
Palmetto Railways Proposed Route

# Volvo Rail Line Project Summary

Impacts: 124 acres

Mitigation:

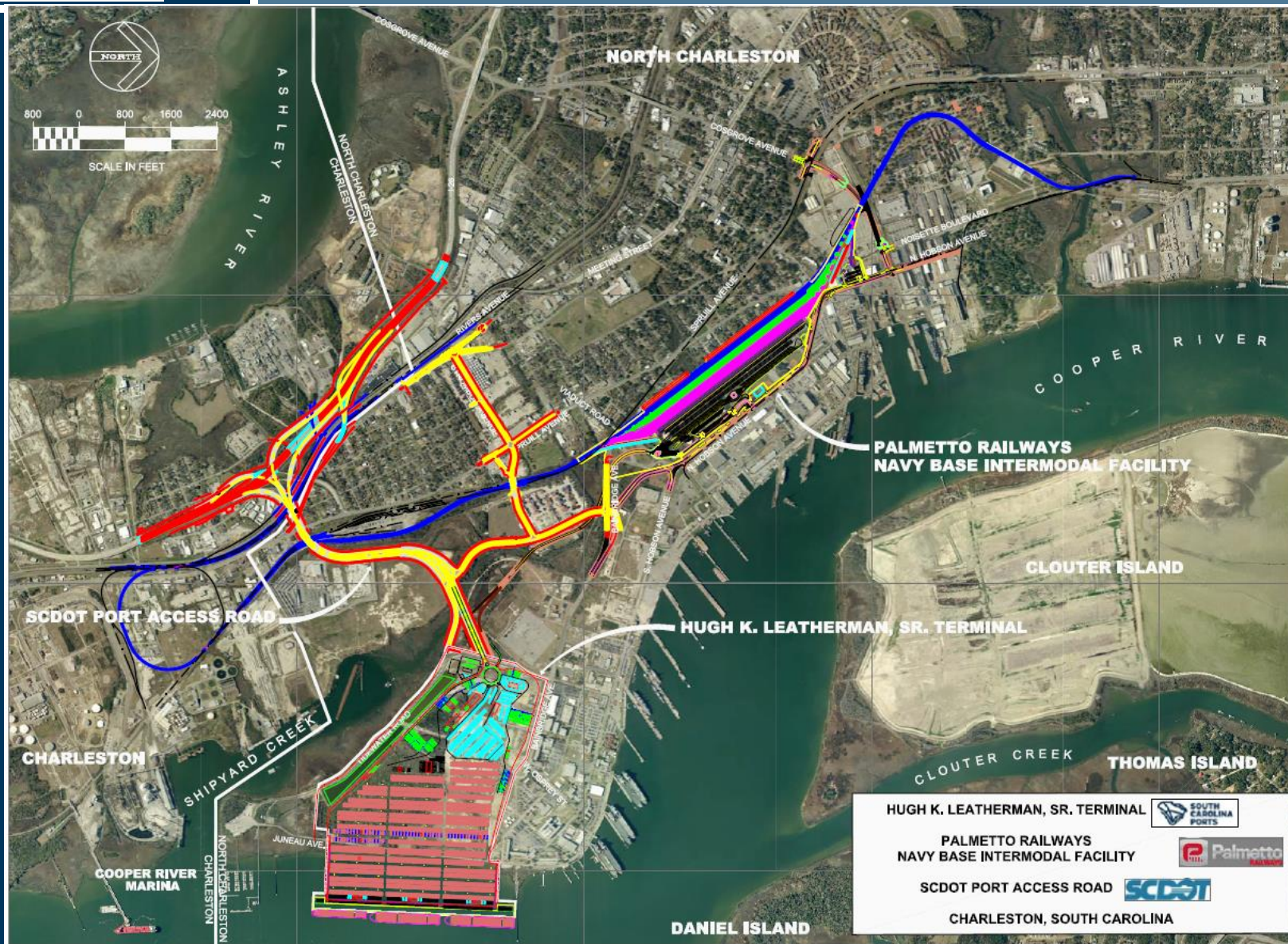
1,300 acres of Fairlawn

80 Audubon Bank Credits





# Navy Base Intermodal Facility





# WestEdge-Charleston







OPEN SPACE  
INSTITUTE







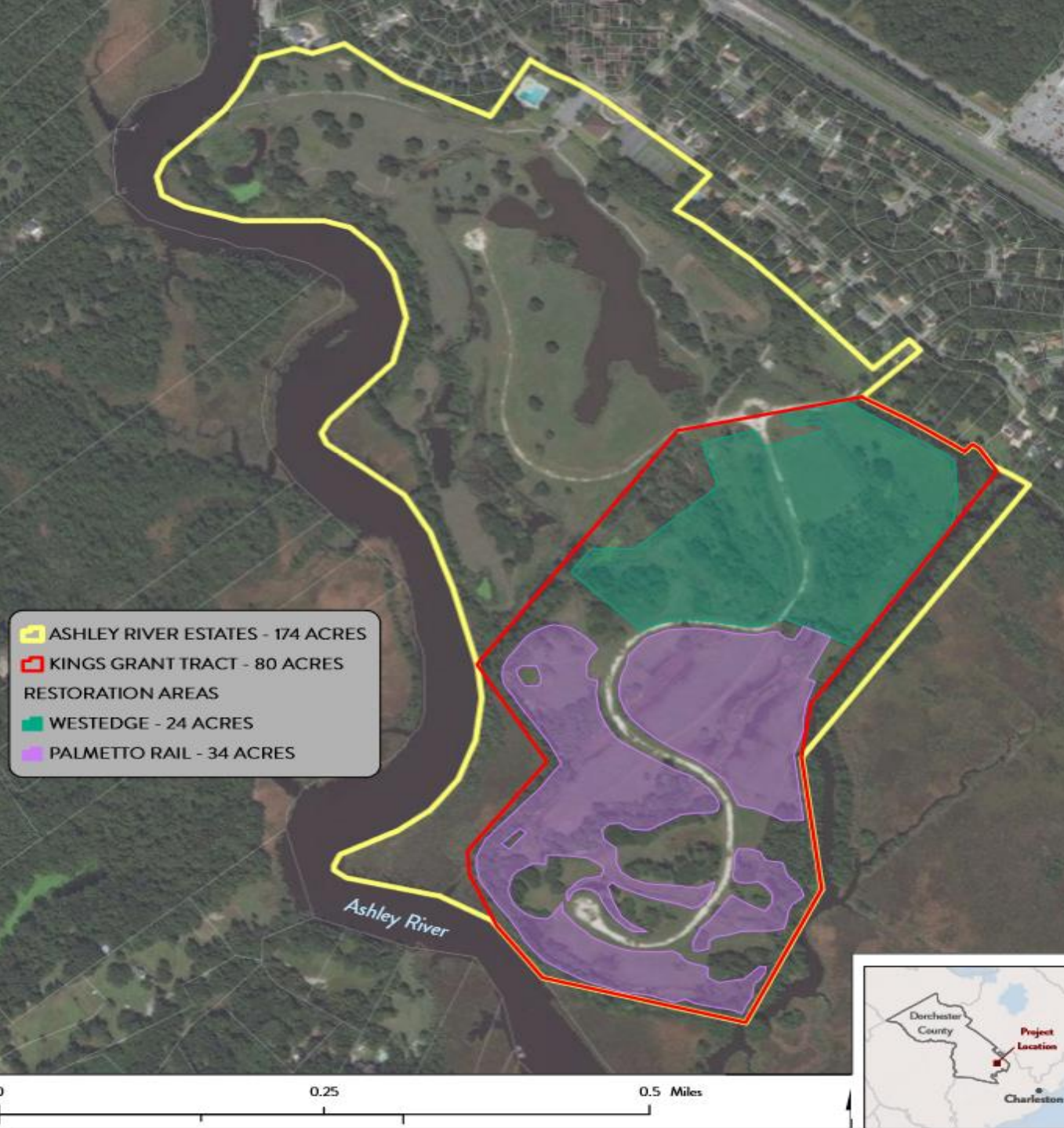
OPEN SPACE  
INSTITUTE

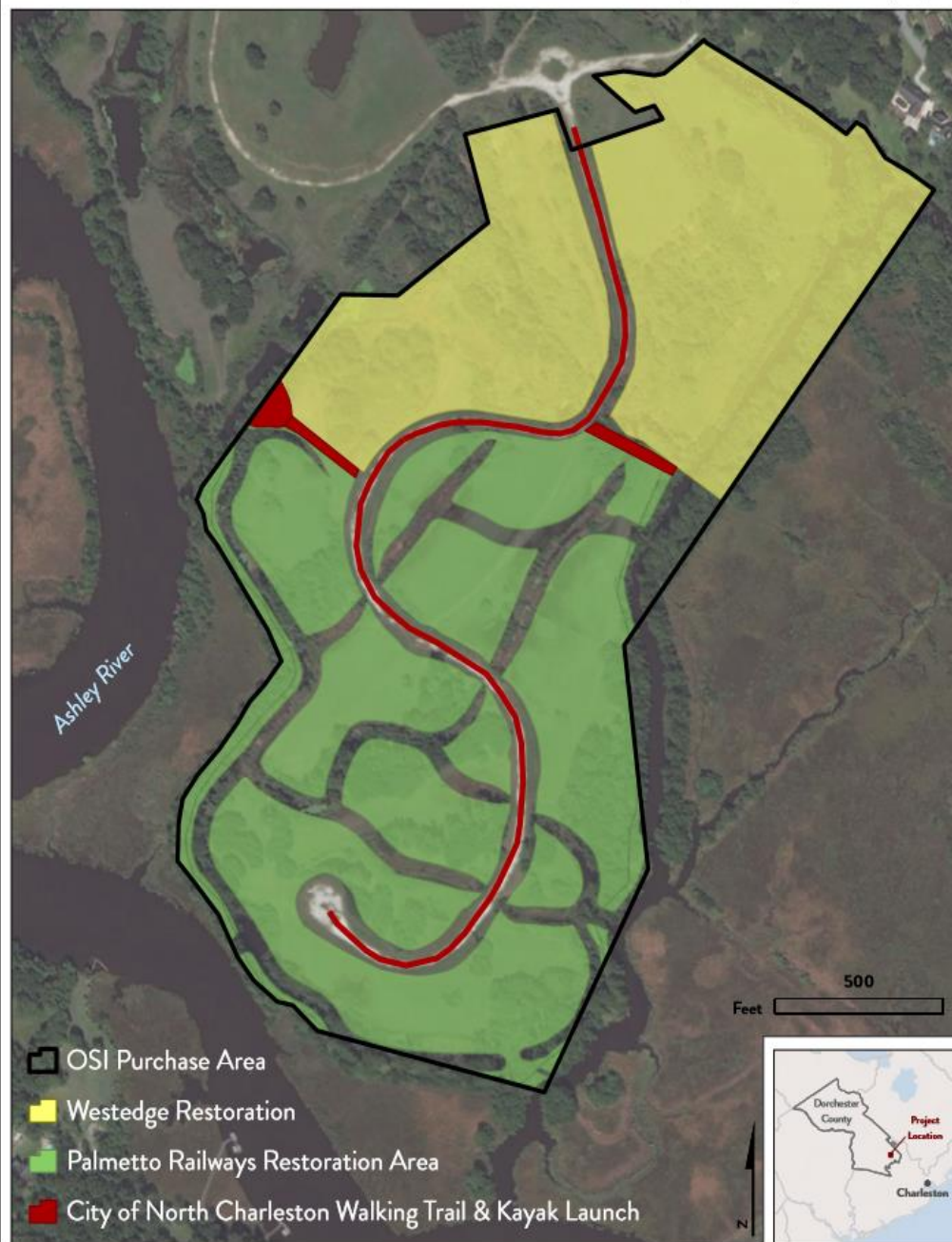






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# What Resilient Outcomes Can Mitigation Produce In Your Watershed?

- 1) Function and Value “Plus”
- 2) 404 = Strategic Funding Tool
- 3) Bank Siting
- 4) SCDOT as an example for other States
- 5) How does it work where I live?





QUESTIONS?