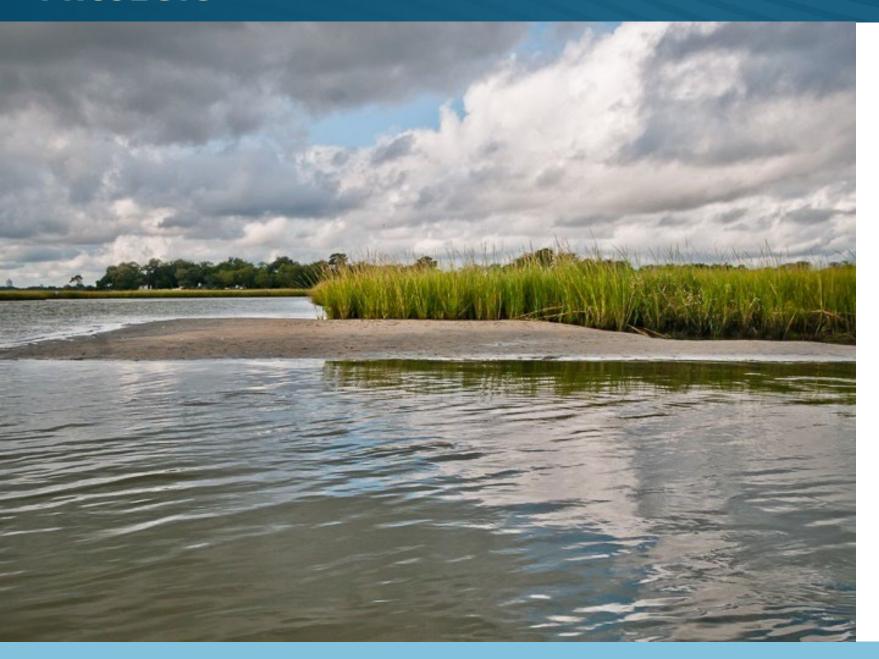


PROJECTS

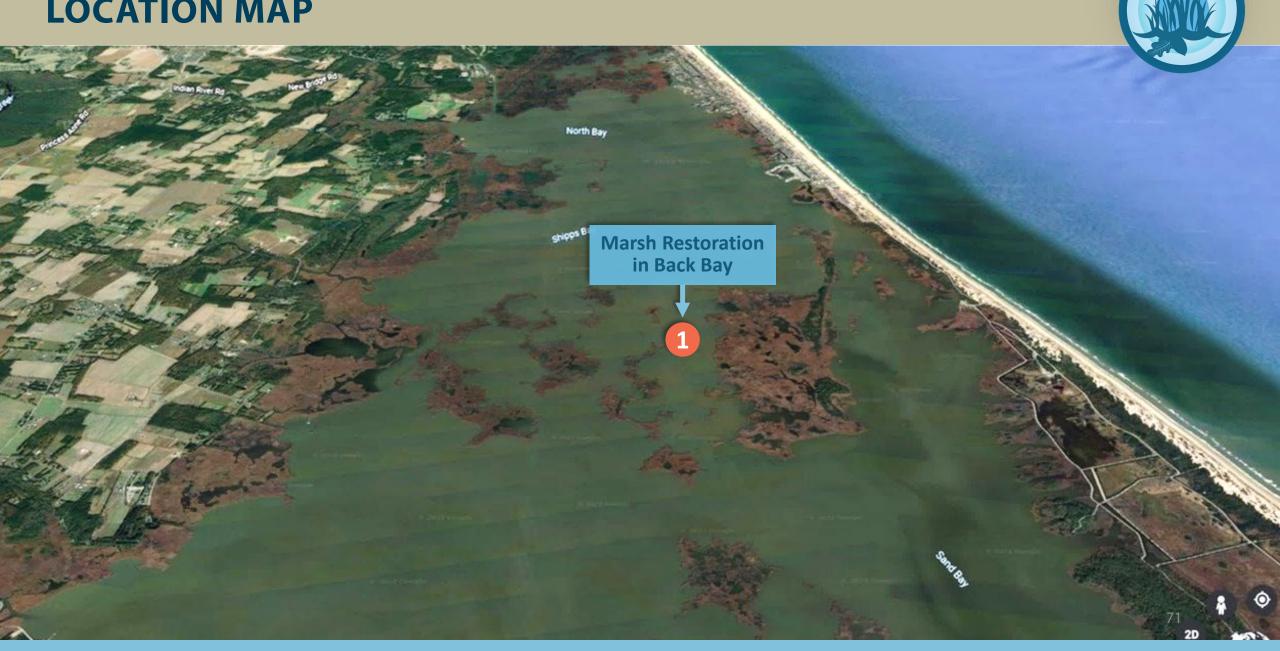




Marsh Restoration in Back Bay

Elizabeth RiverWetland andFloodplainRestoration

LOCATION MAP



Marsh Restoration in Back Bay





- Create approximately 40 individual marsh terraces totaling approximately 27,000 linear feet
 - 15-foot-wide terraces throughout the site
 - 30-foot-wide terraces in the middle of the site
- Create approximately 51 acres of marsh terraces and 310 acres of suitable submerged aquatic vegetation habitat between the terraces
- Received National Fish and Wildlife
 Foundation Grant for Design and Permitting

TOTAL ESTIMATED PROJECT COST:

\$29.1M

CONTRACT TYPE:

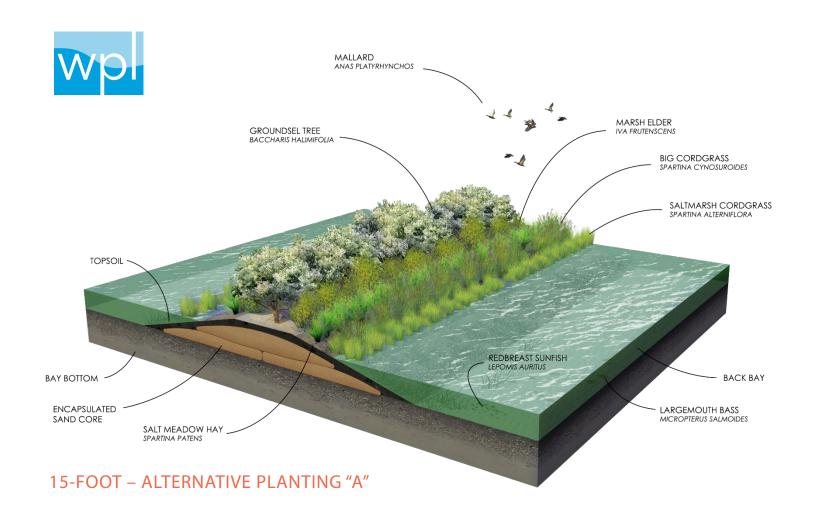
Design-Bid-Build*
Designer

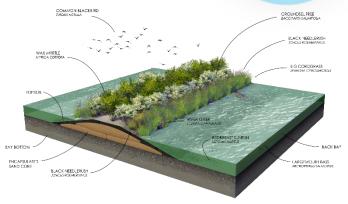
Selected

^{*} Planned delivery method as of 4/21/2022 but subject to change. See www.VBGov.com/RippleEffect for updates.

Typical Planting Design Details





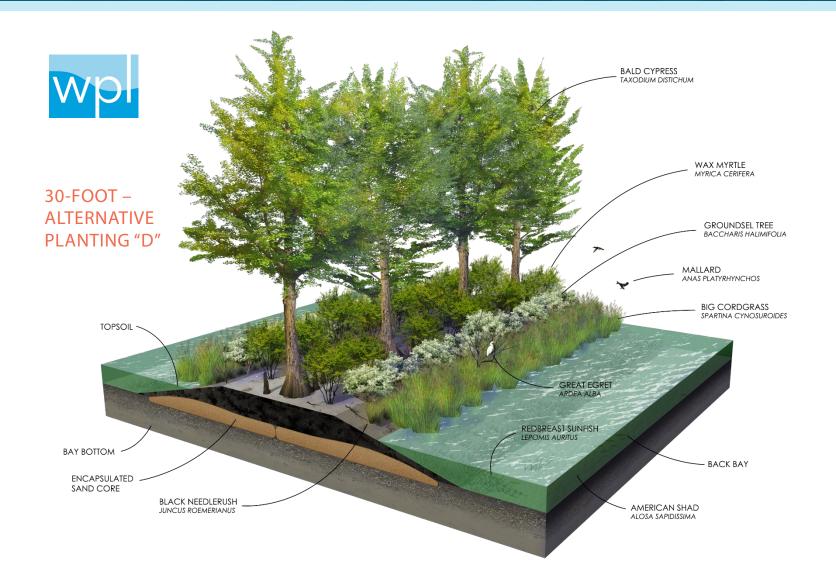


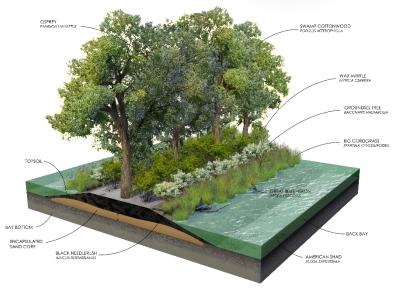
15-FOOT – ALTERNATIVE PLANTING "B"



Typical Planting Design Details







30-FOOT – ALTERNATIVE PLANTING "E"

Anticipated Procurement Timeline*





^{*} Anticipated timeline as of 4/21/2022 but subject to change. See www.VBGov.com/RippleEffect for updates.



Elizabeth River Wetland & Floodplain Restoration – Location A





Arrowhead Elementary School Marsh Restoration & Woods of Avalon Park

- City-owned property
- Wetland restoration
- Living shorelines along the water's edge
- Floodplain restoration
- Received Community Flood Preparedness Fund Grant

Both projects will be designed and constructed together

TOTAL ESTIMATED COST FOR BOTH PROJECTS:

\$8.5M

CONTRACT TYPE:

Design-Bid-Build*

Designer Selected

^{*} Planned delivery method as of 4/21/2022 but subject to change. See www.VBGov.com/RippleEffect for updates.

Elizabeth River Wetland & Floodplain Restoration – Location B





Ferry Point Park and Carolanne Farms Neighborhood Park

- City-owned property
- Wetland restoration
- Construct perimeter natural oyster reefs to reduce erosion of the marsh edge
- Floodplain restoration

Both projects will be designed and constructed together

TOTAL ESTIMATED COST FOR BOTH PROJECTS:

\$8.5M

CONTRACT TYPE:

Design-Bid-Build*

Designer Selected

^{*} Planned delivery method as of 4/21/2022 but subject to change. See www.VBGov.com/RippleEffect for updates.

Anticipated Procurement Timeline*





^{*} Anticipated timeline as of 4/21/2022 but subject to change. See www.VBGov.com/RippleEffect for updates.