

Professional Workshop

Lynnhaven River Success Story

Presented January 13, 2015

By:

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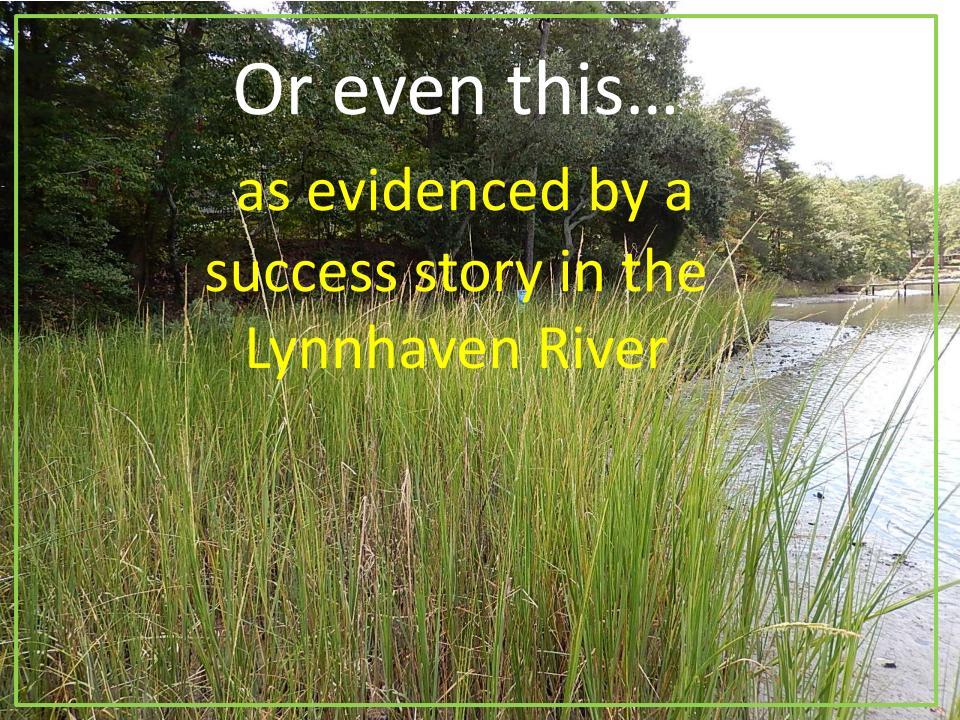


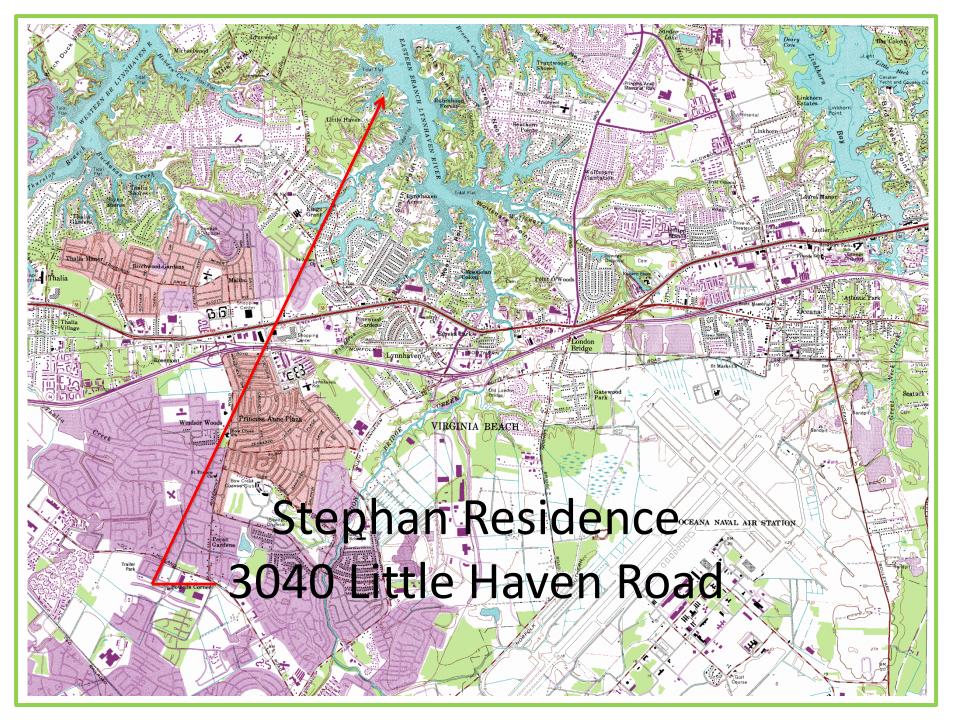










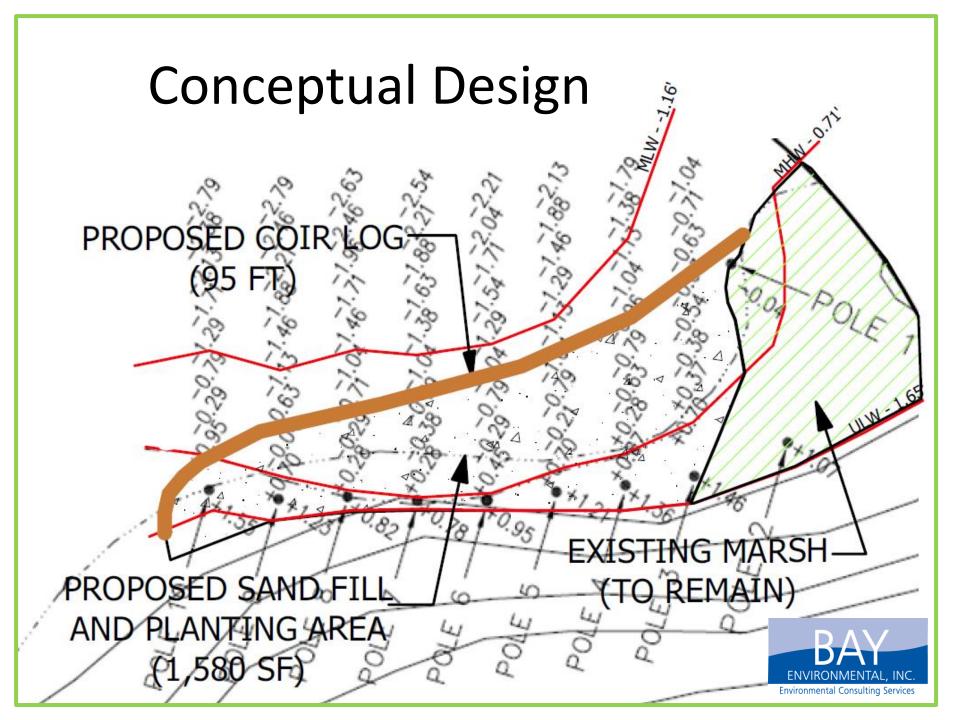




Pre-existing conditions







Challenges

- Access
- Shading
- Permitting

Challenges Overcome!

- Access moved to water based construction
- Shading worked with homeowner to selectively prune existing trees
- Permitting worked intimately with City of Virginia Beach staff to get through the system

Construction

- Coir logs installed
- Correct sand installed and graded
- Planting
- Goose protection fencing installed













September 2013 15 months post-construction



September 2014 27 months post-construction



September 2015 39 months post-construction







Accessibility

How will you build it – water based or land based?

Where are your access points with relation to your material laydown area?

What size equipment will you need for reach and will that equipment fit where you want it to?

Geotechnical considerations

Will the shoreline sink?

How will it be stabilized – fabric or overload with sand?

How will the mudwave be controlled?



Maintenance

Erosion and sediment control considerations during construction

Who is responsible?

Who monitors the site?

Recognize and accept some failures

Contractor qualification

Have they built living shorelines before?

Do they have a wetland scientist on staff or on their team?

Do they clearly understand the goals of the project?

Consider qualified bids – low bid is not always the best option for living shoreline construction

Questions?

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