



Bristol Yacht Club

Crane and Ramp Project



Ramp and Crane

Pursue options to expand launching ramp and increased crane capacity; Explore potential w/ and w/o Bristol Marine

3 Phases

- Phase 1- Dock and Crane installation
- Phase 2- Ramp Improvements
- Phase 3- Dredge to improve access



Ramp and Crane

- Goals-
 - Remove crane from main pier, opening space and reducing overlap of launch activity with use of main pier
 - Provide a crane for boats up to 2 tons
 - Provide a crane to run small keelboat regatta
 - Make the ramp safer
 - Improve ramp for dingy launch and trailer launch during a wider range of tide
 - Improve tide range for crane launch boats



Crane



Crane



- Install a dock with a 2 ton crane for launching trailered boats.
 - Resolve conflict with main dock and crane
 - Provide a safer solution
 - Will only work at mid to high tide
- Cost - \$23,750 (rough estimate)
 - Pilings- \$8000, 8 at \$1000 each
 - Decking/railings- \$8750, 250 sq ft at \$35 per square ft.
 - Beams/structure- \$3000
 - Crane- \$4,000

Ramp



Ramp



- Clean and improve ramp with minor soil removal and cleaning
- Cost-\$25,000

Dredge





Dredge

- Dredge the space between Bristol Marine and Bristol YC in partnership
 - Shared cost with Bristol Marine
 - Improve use of crane and ramp for low tide
- Cost (\$35-\$50 per Cubic Yrd)
 - Ramp- \$52,000-\$75,000, 1500 Cu Yrds
 - Crane- \$35,000-\$50,000, 1000 cu Yrds