

ATTACHMENT 7

CONSTRUCTION PLAN

The marina expansion works are anticipated to begin this Fall (2021) and extend into early 2022 with the goal of completing the project prior to the 2022 boating season which generally begins around May. Construction will proceed according to the following general sequence:

1. Establish environmental protection protocols: If necessary, turbidity curtains, silt fence(s), and other environmental protection measures will be installed in accordance with all applicable environmental regulations, codes, and permit requirements.
2. Conduct dredging activities: Dredge material will be excavated using a crane and deposited into a floating barge where the material will be partially dewatered. The dredged material will then be offloaded for further dewatering at an upland dewatering site (lined with geotextile and hay bales). Dewatered material will then be loaded onto trucks and delivered to an existing gravel pit (approximately 12 miles away) for final placement and grading in accordance with MDEP's Beneficial Use of Dredge Material permit (S-022546-W3-A-N).
3. Install floating dock anchor piles: Floating dock anchor piles will be installed via barge-mounted equipment utilizing diesel and/or hydraulic impact hammers.
4. Construct fixed gangway access platform: Pilings will be driven to required embedment depths utilizing diesel and/or hydraulic impact hammers and the superstructure and decking will be installed.
5. ~~Install floating docks:~~ The floating docks will be fabricated in sections by the selected dock manufacturer and shipped to the site either via barge or truck. Dock sections will be offloaded, placed into position, and attached to the ~~previously-driven anchor piles.~~
6. Install gangway and utilities: Once the floating docks are in place, the gangway will be installed and the marina utilities will be routed to the new floating docks.
7. Construct existing pier shoreward extension: This work will not directly affect the other works and may be conducted at any time over the course of the project.
8. Clean-up and Demobilization: Remove all equipment, debris, silt fences, or other construction-related materials from the site.