

ATTACHMENT 7
CONSTRUCTION PLAN

7.0 Construction Management Plan

Canal Landing, LLC is seeking to commence travel lift basin construction by December 31, 2017 and completion of other activities is anticipated for 2018/2019. The construction sequence/timing will be in part driven by the number and size of boats delivered to the site for repair and maintenance. The following outlines the anticipated timeline and sequence of construction activities:

1. Maintain crushed stone stabilized construction entrance.
2. Install siltation fence or other approved sediment barriers. For waterside activities, a floating silt curtain will be placed to surround the work zone. The applicant anticipates that most of the dredging will be completed from the landside using a long shaft excavating apparatus. Pile removals, salvaging and replacement will be performed from barge facilities. Pile installation will be by vibratory methods and pile driving will not be used.
3. Construct temporary sediment sumps.
4. Commence travel lift basin construction including wintertime dredging. Dredging depth is expected to be approximately 15 feet in front of the travel lift basin or to -19.0 feet elevation. Mean low water is identified as elevation -4.0 feet according to the survey. The applicant is seeking a minimum water depth of 15.0 feet in the travel lift basin at low tide.
5. Begin earthwork activity, cuts and fills within "prepared surface" for boatyard areas.
6. Perform shorefront stabilization activities including revetment repairs, piling restoration, and riprap embankment work.
7. Monitor site stability and repair and implement additional erosion control measures during the entire construction period.
8. Place subgrade gravel layers over geotextile fabric.
9. Install site utilities.
10. Commence metal and tension fabric buildings construction.
11. Install and maintain inlet protection in all drainage measures.
12. Construct boat ramps, piling restoration, pier rehabilitation, and floating docks.
13. Complete shorefront stabilization activities.
14. Convert sediment sumps into grassed swale/depression.

15. Loam, seed, fertilize, and mulch disturbed areas and install landscaping and all non-boat storage areas.
16. Place crushed stone surface over submerged layers.
17. Complete building construction.
18. Complete utilities including site lighting.
19. Remove and dispose of accumulated sediment from all silt barriers.
20. Touch up loam and seed and remove all temporary erosion and sediment control measures once 75% catch of vegetation or permanent surface stabilization has been established.