

ENGINEERING AND DESIGN SERVICES FOR THE DREDGING OF LAKES
ELKHORN AND KITTAMAQUUNDI

Progress meetings are held twice monthly between CA staff and HDR Engineering, Inc.

PROJECT MILESTONE PROJECTIONS:

June 2008	Begin work. Projected work duration 12 months.
May 2008	Award Project
March 2008	Issue the procuring documents (“bid”) for dredging of Lakes Kittamaquundi and Elkhorn.
February 2008	Adjust plans based on agency comments. Submit final dredging plans and applications for permitting agency approval. Begin development of procurement documents. Submit procurement documents for County review.
December 2007	CA to obtain outside cost estimate for budgeting purposes.

COMPLETED PROJECT MILESTONES:

September – January 2008	Submit Lake Kittamaquundi staging plans to South Entrance Road property owners General Growth Properties, Howard County, Maryland and State Highway Administration for review of proposed use by CA. Develop and execute Right-of-Entry agreements between each property owner and CA. Transmit agreements to HDR for inclusion in permit application as required by Army Corps of Engineers and MDE.
August 31, 2007	HDR submitted design drawing to CA project staff for review and comments.
August 1, 2007	Respond to Board Member Broida’s request for information #99, including color renderings of the proposed forebay at Lake Kittamaquundi
May – August 2007	HDR finalize drawings and permit applications.

April 30, 2007	CA project staff release HDR to finalize dredging and staging area design based on the CA Board directive.
March – April, 2007	CA staff attend Owen Brown and Town Center Community Association Board Meetings to present staging options to the community, receive and record resident concerns and desires for reporting to CA Board of Directors. Binders containing comprehensive information about the dredging process, staging areas, impact statements, material testing results, cost estimates, resident concerns and complaints provided to Board of Directors and placed on CA website for easy access by residents.
April 26, 2007	CA Board of Directors, after reviewing informational binder and hosting the “resident speak-out” at the regularly scheduled Board of Directors meeting held a vote on the staging areas. CA Board voted to stage Lake Kittamaqundi dredging at the South Entrance Road and Lake Elkhorn in the Lake Elkhorn parking lot.
March 1, 2007	Consultant to submit more detailed plans for CA reviews of the access, staging, dewatering and dredging plans.
February 1, 2007	Confirm dredging methodology appropriate for each lake. Confirm peninsula construction materials. Consultant to begin design on staging areas for each lake.
January 2007	Consultant submitted two staging plans for Lake Elkhorn to Howard County for preliminary “informal” review”. The two options are 1) staging at parking lot area, 2) staging below the dam at the lakeside. CA obtains outside cost estimate for budging purposes.
December 2006	Consultant directed to examine the south end of Lake Kittamaqundi below the dam to South Entrance Road to determine feasibility of access and staging.
November 2006	Consultant completed and delivered conceptual plans for dredging of both lakes. Drawings include existing conditions, proposed dredging depths, wetlands and peninsula creations, access and isthmus details. (Collectively called “dredging plans”)
October 26, 2006	CA Board voted and approved the recommendations.

- October 12, 2006 Planning and Strategy Committee agreed to recommend to the CA Board:
- Proceed into preliminary design at Lake Kittamaqundi using the Crescent Property as the dewatering staging site
 - Proceed with the level of design at Lake Elkhorn to submit both Hopewell Park and the Lake Elkhorn parking lot as potential staging and dewatering sites.
- September 27, 2006 Proposed dredging plans for Lake Kittamaqundi presented to Town Center Village Board.
- September 19, 2006 Proposed dredging plans for Lake Elkhorn presented to Owen Brown Village Board.
- August 24, 2006 Dredging options presented to CA Board of Directors.
- July 6, 2006 Early coordination meeting with federal, state and county permitting agencies.
- April 14, 2006 Initiated efforts to locate dredge material placement sites, survey lake surrounds for project staging and dewatering sites, examine dewatering methods.
- March 30, 2006 Project kick-off meeting with HDR Engineering, Inc.