**CBLP Shorelines Drawing Assignment**

**Maryland - Summer 2024**

Using data collected from the Desktop Analysis and Site Assessment, complete a JPA and prepare a set of drawings for a living shoreline for the study site. Submit your assignment via email to [katie@cblpro.org](about:blank) by 12:00 noon on Friday, September 6.

The drawings set should include:

* Vicinity Map (provided)
* Existing Plan View (provided)
* Proposed Plan View Drawing
* Cross Section Drawing

Please also complete:

* Joint federal/State Application (JPA)
* Critical Area Buffer Notification Form and Mitigation Calculator
* Living Shoreline Waiver Request Form (if applicable)

To be consistent with Maryland JPA requirements, drawings must be formatted on an 8 ½ x 11 page. Each drawing or map should identify the project, applicant, and type of illustration (vicinity, plan view, cross section). Drawings may be hand drawn or prepared with software.

At a minimum, the following items must be included on ALL project drawings (plan and section, as appropriate):

* North arrow
* Waterway name
* Existing and proposed structures, labeled as such
* Dimensions of all proposed structures
* Dimensions of all existing structures
* Existing and proposed water depths, measured at mean low water (MLW =0) in the project area and channelward of the project area. Water depths can be marked as either contours or spot depths that extend across the width of the waterway.
* Mean high water and mean low water lines. (If the mean high water and mean low water lines are to be altered during construction, the proposed MHWL and MLWL should also be labeled)
* Distance the proposed structures extend from the MHWL into the waterway
* Limits of vegetated tidal and nontidal wetlands, if applicable
* Limits of submerged aquatic vegetation from last 5 years, if applicable
* Ebb/flood direction
* Adjacent property lines and adjacent property owner’s name(s)
* Distance of the proposed work to the adjacent property lines
* Distances from proposed structures to fixed points of reference (benchmarks)