

Scudder's Lane Boat Ramp Project

Draft Concept Plans

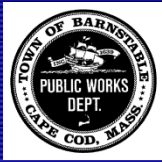
November 16, 2022



Presentation Outline



- *Previous Stakeholder Input*
- *Existing Conditions*
- *Proposed Scope*
- *Optional Additional / Alternate Scope*
- *Schedule*
- *Funding*
- *Contact Info*
- *Comments / Q&A*



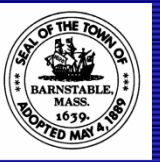
Previous Stakeholder Input



- *Key messages from 8/25/2021 meeting:*
 - *Keep it simple, minimize changes*
 - *Avoid Bay Street Boat Ramp issues (granite curbs, riprap at ramp edges, and poor traction)*
 - *Add parking and maintain space to maneuver*
 - *Maintain ability to drive off/onto ramp from each side*
 - *Improve stormwater runoff management*



Existing Conditions



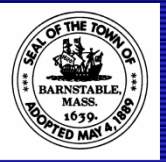


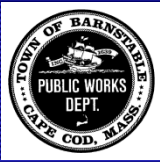
Existing Conditions (cont.)





Existing Conditions (cont.)





Existing Conditions (cont.)



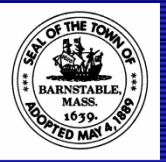


Existing Conditions (cont.)



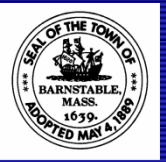


Existing Conditions (cont.)





Existing Conditions (cont.)





Proposed Scope



- *Reconstruct asphalt boat ramp*
- *Reconstruct / construct revetment and guardrail*
- *Improve runoff capture, reduce erosion and sediment transport*
- *Add accessible parking space, access aisle, and ramp to beach*
- *Provide truck-with-trailer turnaround capability*
- *Repave parking lot*



Proposed Scope (cont.)



IMPROVE RUNOFF CAPTURE WITH ADDITIONAL INLETS, RE-GRADING, ETC.

PROVIDE TRUCK-WITH-TRAILER TURNAROUND CAPABILITY

MAINTAIN EXISTING PARKING

RECONSTRUCT REVETMENT & GUARDRAIL

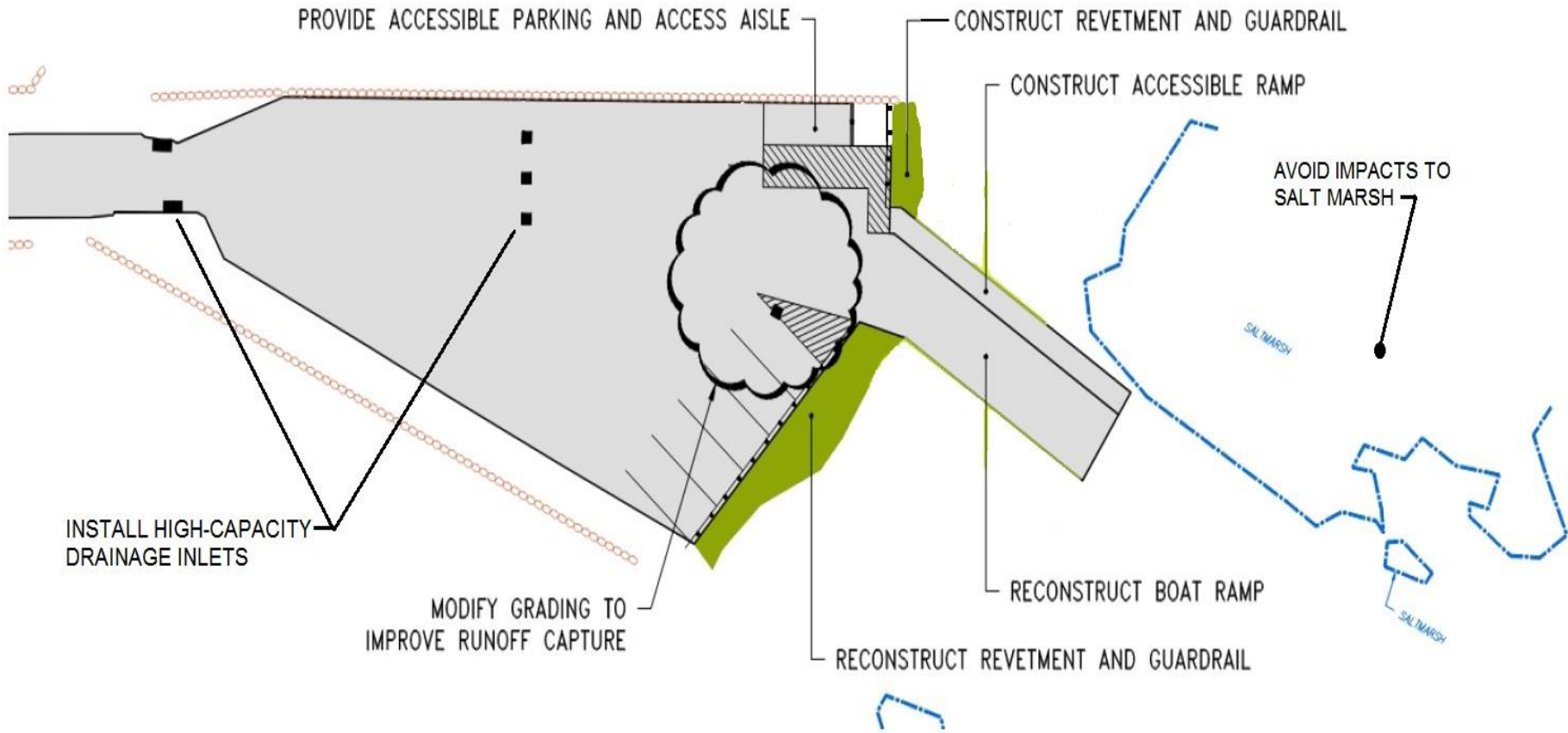
RECONSTRUCT BOAT RAMP

ADD ACCESSIBLE PARKING SPACE, AISLE, AND RAMP TO BEACH

CONSTRUCT REVETMENT & GUARDRAIL

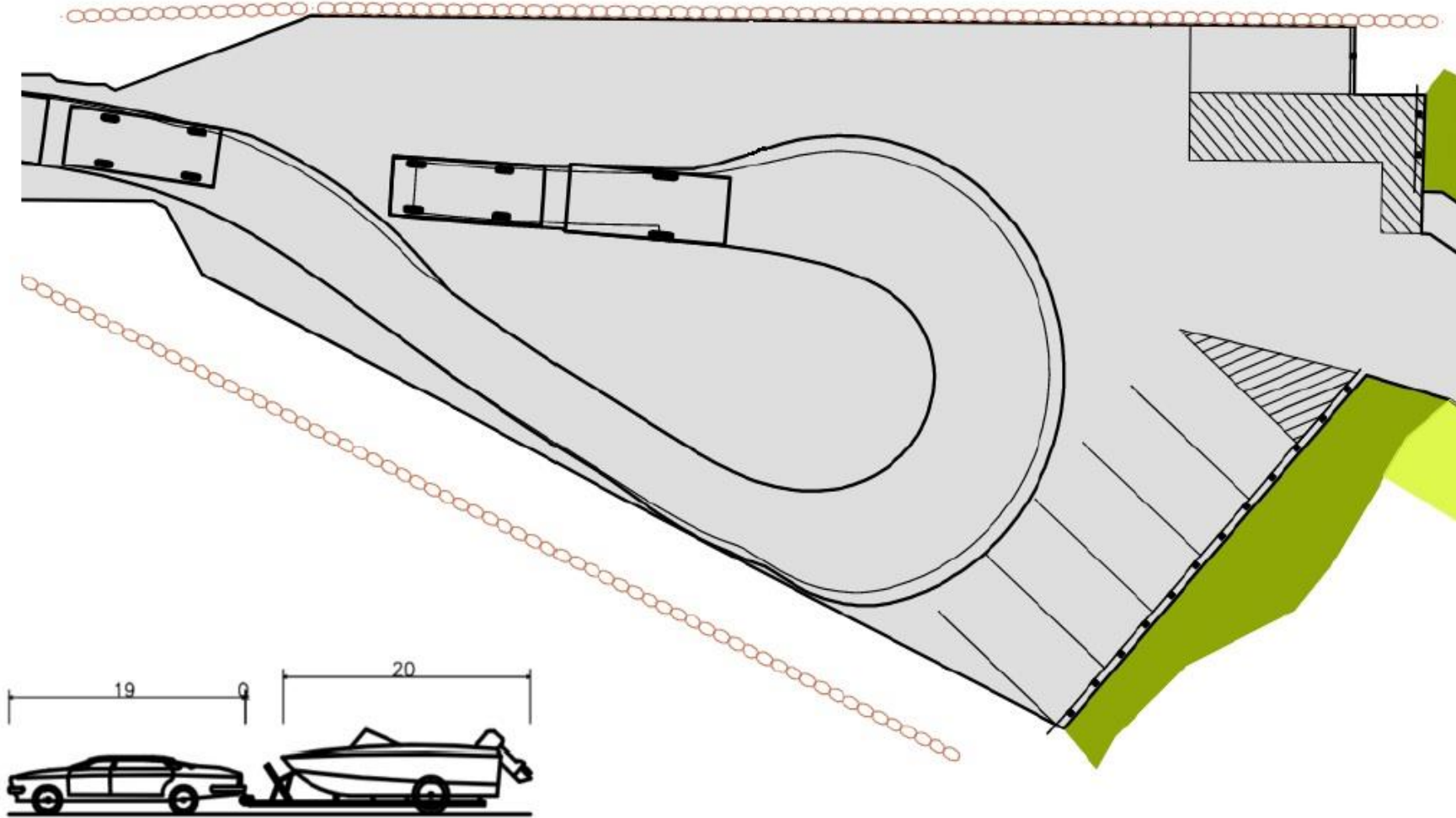
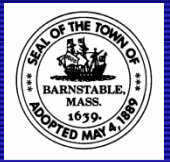


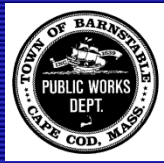
Proposed Scope (cont.)





Proposed Scope (cont.)





Optional Additional / Alternate Scope



- *Cement concrete boat ramp*
- *V-notch boat ramp traction enhancement*
- *Crushed stone shoulders at boat ramp*
- *Pervious pavers at end of boat ramp*
- *Rearrange boulders*
- *Designated truck-with-trailer parking*
- *Paved on-street parking*
- *Solar powered lighting*



Optional Additional / Alternate Scope (cont.)



*Example
double-lane
cement
concrete
boat ramp
with V-
notches:
Gary
Brown Boat
Ramp in
Hyannis*



Optional Additional / Alternate Scope (cont.)



*Example
single-lane
cement
concrete
boat ramp
with V-
notches:
Prince Cove
Marina in
Marstons
Mills*

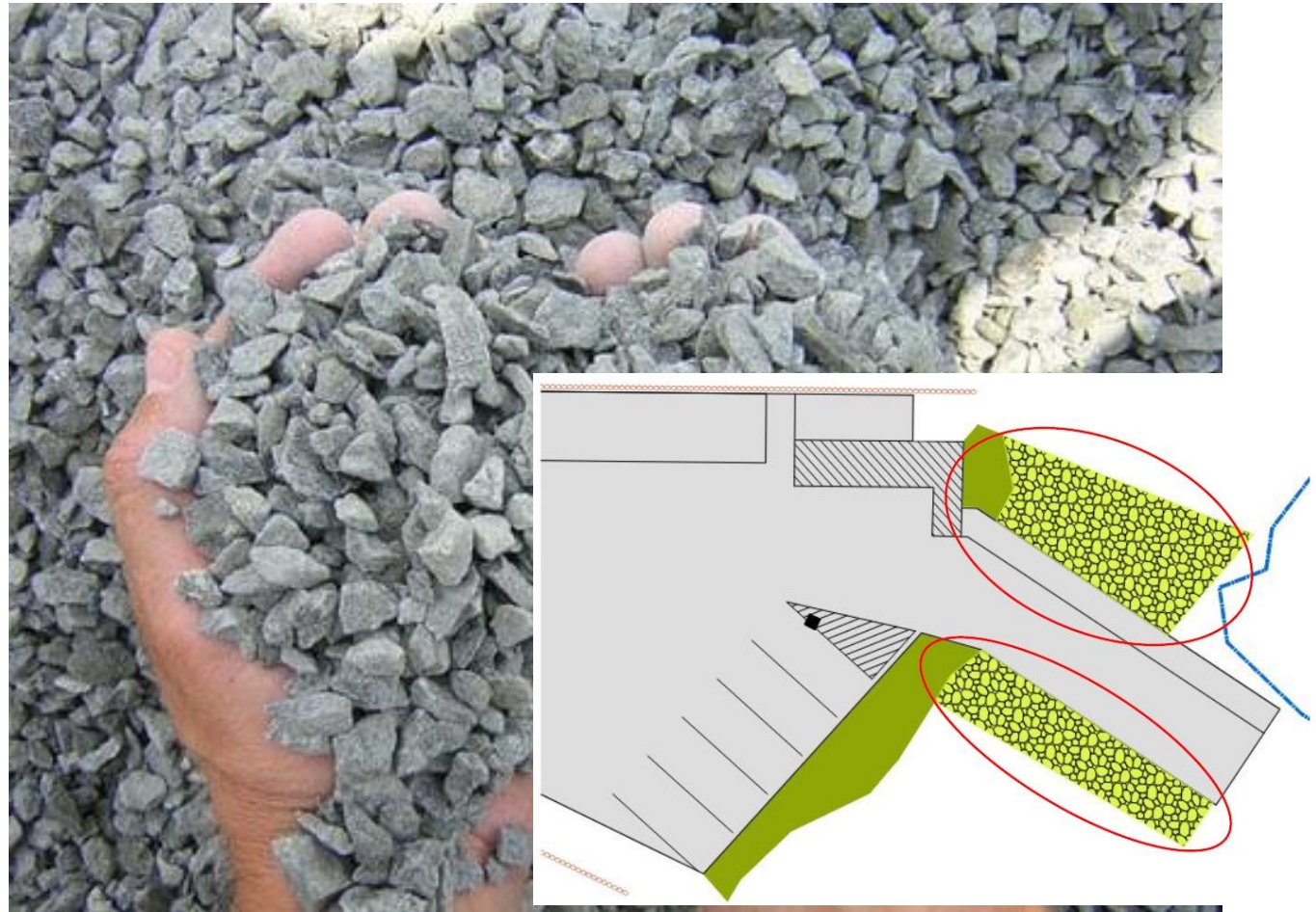




Optional Additional / Alternate Scope (cont.)



*3/4-inch
crushed
stone each
side of
ramp to
facilitate
vehicle
maneuvers
and
stabilize
slope*

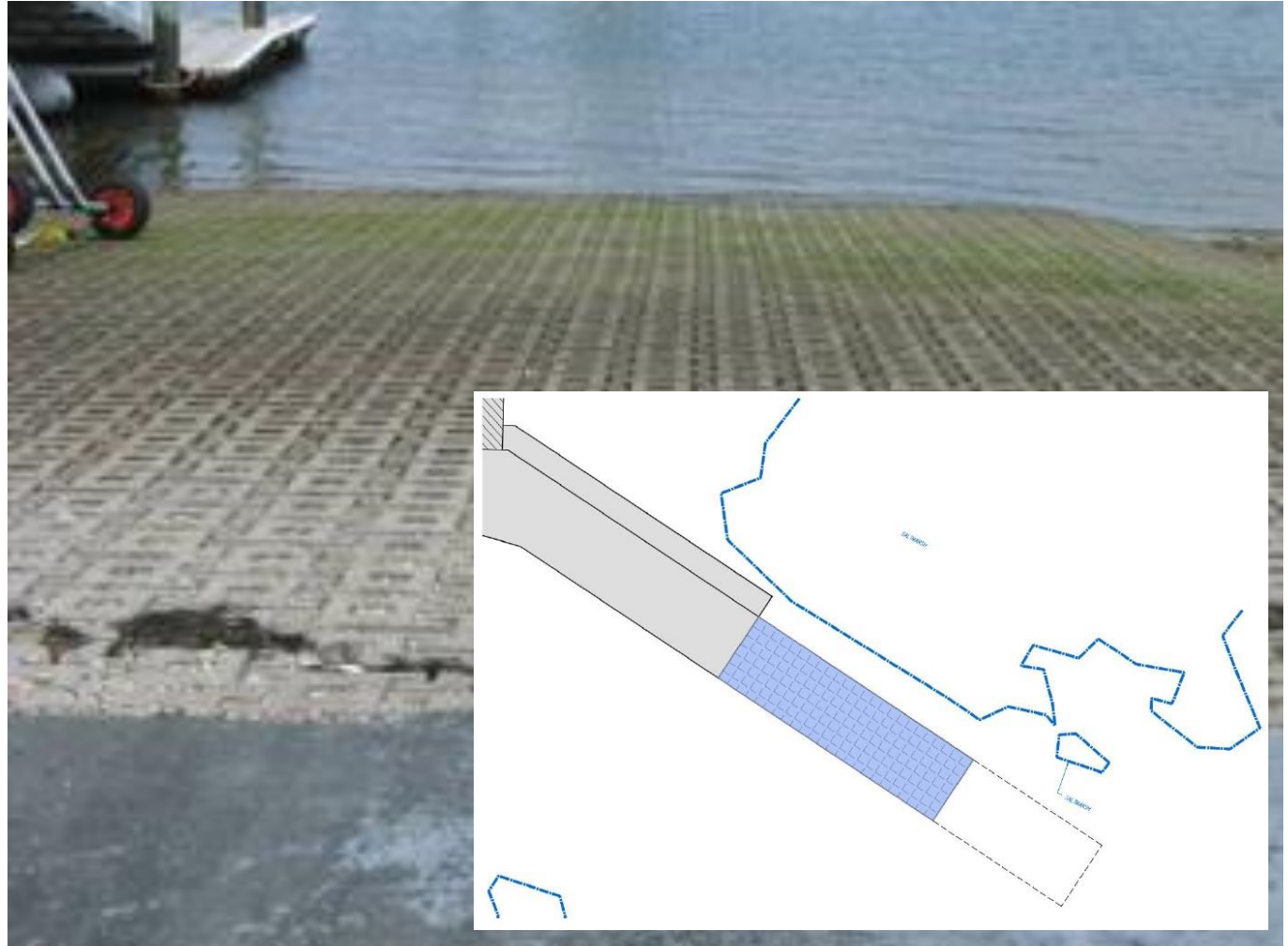




Optional Additional / Alternate Scope (cont.)



*Pervious
pavers boat
ramp
extension
for
increased
stability and
erosion
control*





Optional Additional / Alternate Scope (cont.)



Reorganize boulders along property line to provide additional space for pedestrian ramp, parking, etc.

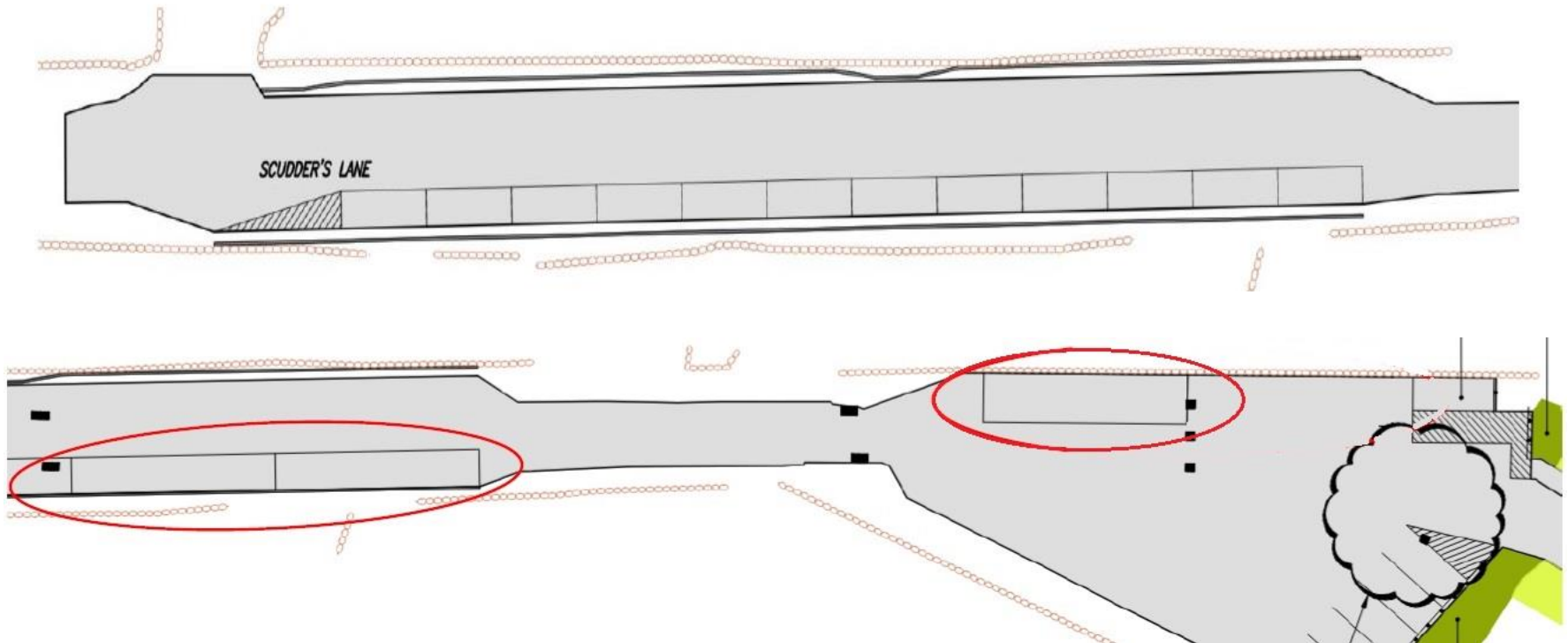




Optional Additional / Alternate Scope (cont.)



Paved on-street parking and/or designated truck-trailer parking



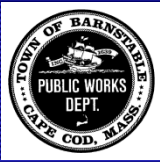


Optional Additional / Alternate Scope (cont.)



Solar LED Lighting (example options)

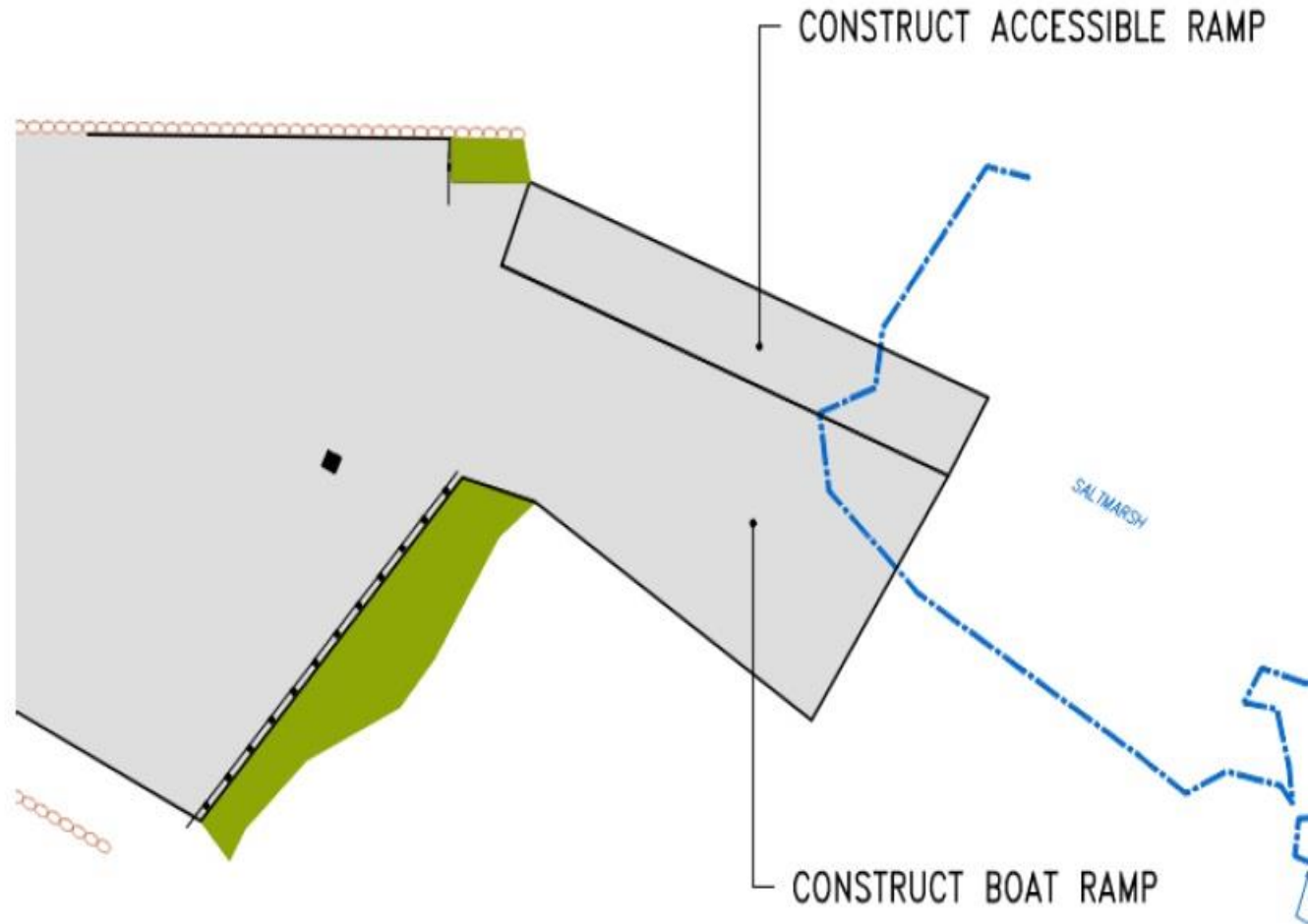


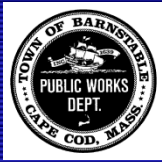


Considered, but likely not viable



Illustration of a double-lane boat ramp (this would impact the salt marsh; therefore, unlikely to be permitted)

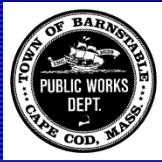




Anticipated Schedule



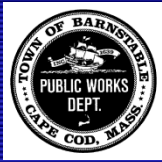
- *Fall 2022*
 - *Conduct Public Meeting*
 - *Discuss proposed and optional scope*
 - *Receive stakeholders input*
- *Winter 2022-2023*
 - *Prepare Preliminary Plans*
 - *Conduct Public meeting*
 - *Review plans*
 - *Receive stakeholders input*



Anticipated Schedule (cont.)



- *Spring 2023*
 - *Prepare Final Design Plans*
 - *Prepare and file permit applications*
 - *Conservation Commission – Notice of Intent*
 - *Mass. Dept. of Environmental Protection – Chapter 91 Waterways License and water quality certification*
 - *Mass. Environmental Policy Act Office – Environmental Notification Form*
 - *Mass. Division of Fisheries & Wildlife – Endangered Species Act and Wetlands Protection Act review*
 - *U.S. Army Corps of Engineers General Permit and Mass. Coastal Zone Management concurrence*
 - *Old Kings Highway Historic District – Certificate of Appropriateness*

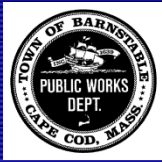


Anticipated Schedule (cont.)



- *Spring 2023-Fall 2023**
 - *Receive responses from regulatory agencies*
 - *Provide additional information / responses to agency questions and comments*
 - *Meet with regulatory agencies as necessary*
- *Winter 2023-2024*
 - *Prepare bid set*
 - *Issue Invitation for Bids*
 - *Conduct pre-bid meeting, bids opening, reference checks, execute contract*

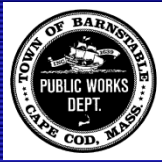
**Some permitting may take longer*



Anticipated Schedule (cont.)



- *Spring 2024*
 - *Close boat ramp and site*
 - *Issue notice to proceed*
 - *Start construction*
 - *Complete construction*
 - *Reopen boat ramp and site before Memorial Day weekend, if possible*



Construction Funding



- *Anticipate requesting \$496,000 in FY2024 (July 1, 2023 to June 30, 2024) for Scudder's Lane Boat Ramp reconstruction*
 - *Budget action calendar available at <https://www.townofbarnstable.us/Departments/Finance/>*
 - *Town Council capital budget hearings currently scheduled on:*
 - *April 6, 2023*
 - *April 27, 2023*
 - *May 4, 2023*
 - *May 18, 2023*



Project Contact



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Comments / Q & A

