

Special Specification 7223

Dredging



1. DESCRIPTION

Dredge and dispose of dredged material.

2. CONSTRUCTION METHODS

- 2.1 Remove dredged materials to the line and grade indicated on the plans or as directed. Place dredged material in the spoil area as shown on the plans.
- 2.2 Do not dredge within 10 feet of any structure. Contractor assumes liability for damage(s) to any structures.

3. OVER DEPTH AND SIDE SLOPES

- 3.1 **Overdepth.** To cover inaccuracies of the dredging process, material removed will be computed and paid to include an allowable 2-ft overdepth excavation.
- 3.2 **Side Slopes.** Final side slopes will be 1 vertical on 4 horizontal, unless otherwise shown on the plans.
- 3.3 **Excessive Dredging.** Material taken from beyond the limits established in overdepth and side slope dredging will be deducted from actual payment. A reduction in payment will not be made for the removal of shoals when shoaling occurs in the finished portion of the channel due to natural lowering of the side slopes

4. MISPLACED MATERIALS.

Immediately notify the Department with the description and location of any material, plant, machinery, or appliance that is lost, dumped, sunken, or misplaced during the progress of work. Mark or buoy obstructions. When directed, remove the obstruction.

5. QUANTITY SURVEYS

Take original and final cross-sections using conventional methods or soundings, immediately in advance of the following excavation procedures. Perform surveys with and under the supervision of the Engineer.

For the purpose of depth verification, weather permitting, provide a daily sounding survey showing the depths of the areas dredged, provide an accurate assessment of spoil removed during that period and provide a sounding survey and estimated volume remaining within the disposal site as requested by the Engineer.

For the final survey of the dredged area and disposal site, an overlay of surveys is authorized; however a real-time final survey will be required.

6. MEASUREMENT

This Item will be measured by the cubic yard in its original position as computed by the method of average end areas.

Each month submit an invoice indicating the accurate amount removed during that month, supported by the daily depth sounding surveys.

7. PAYMENT

The work performed in accordance with this Item and measured as provided under "Measurement" will be paid for at the unit price bid for "Dredging" of the site specified. This price is full compensation for all excavation for furnishing all materials, labor, equipment and tools, for disposition or stockpiling of all spoil material, and incidentals.