CC-25-130

MEMORANDUM

Resolution 25-045, A Resolution of the City Council of Homer, Alaska Approving Amendments to Task Order 24-03, with HDR Engineering, as the Homer Harbor Expansion Owners Representative to Update Tasks Two through Four Refining Geotechnical Investigations Services Scope of Work and Authorizing the City Manager to Negotiate and Execute the Appropriate Documents. City Manager/Port Director.

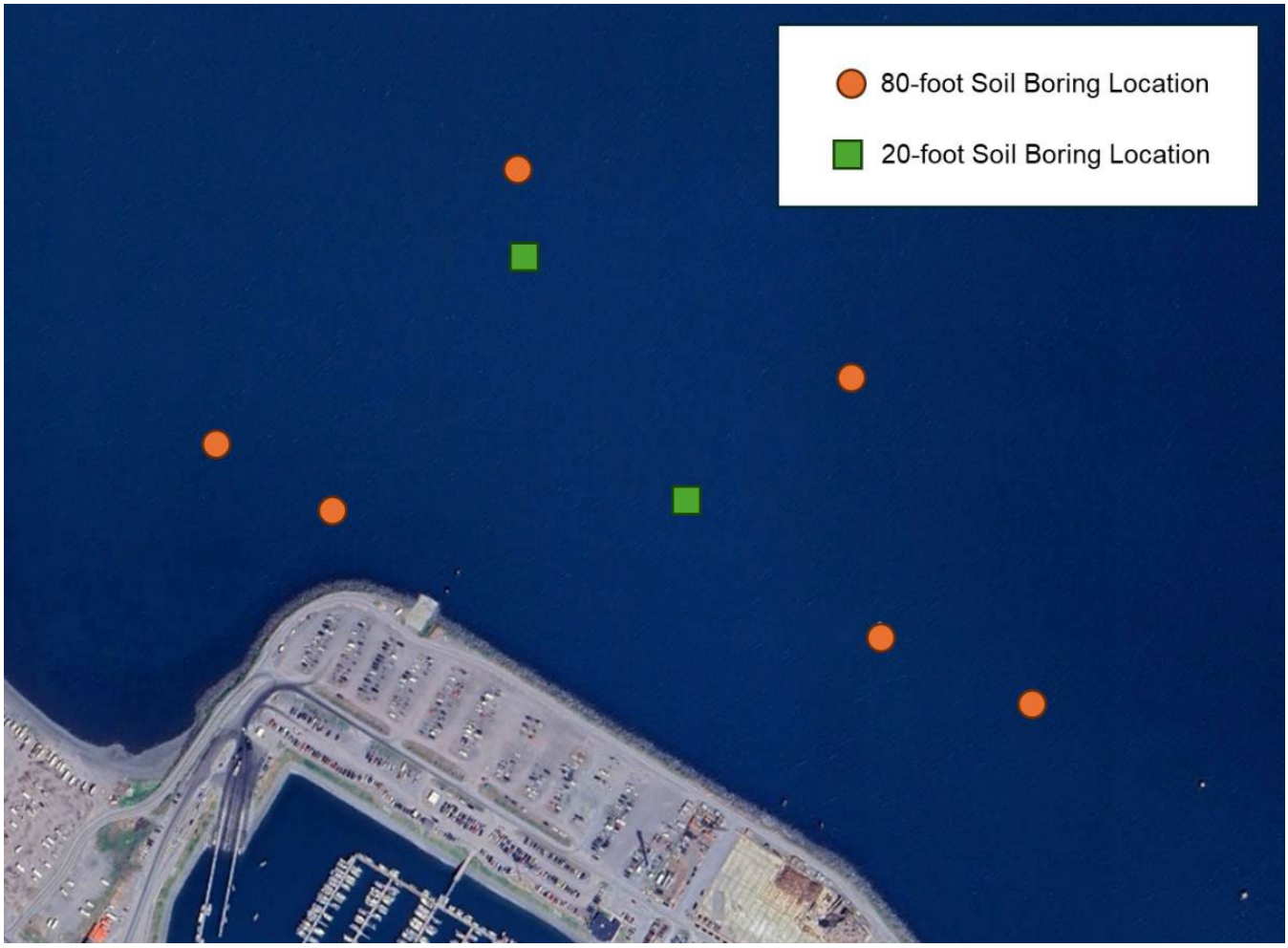
Item Type:	Back Up Memorandum
Prepared For:	Mayor Lord and Homer City Council
Date:	May 01, 2025
From:	Bryan Hawkins, Port Director
Through:	Melissa Jacobsen, City Manager

In 2024, City Council approved the geophysical and preliminary geotechnical work required for the general investigation in Ordinance 23-01.

The U.S. Army Corps of Engineers has identified **eight sampling locations** within the project area. This phase involves mobilizing a drill rig on a barge or landing craft. To maintain precise positioning during drilling, a **four-corner anchoring system** will be used. The drill will bore **4-inch diameter holes to a depth of 80 feet**, extracting full-length core samples from the seafloor.

This work is essential for establishing **baseline soil compaction data**, which is a critical component in developing accurate cost estimates for the construction of the breakwater.

Shannon & Wilson will perform the geotechnical work and will work as a **subcontractor under HDR** who will provide oversight and ensure that all U.S. Army Corps of Engineers specifications are met. A Corps representative will be on-site for the entire operation to oversee and document the work. As you can imagine, this is a **crucial step** in advancing the breakwater project, and your support for this amendment is greatly appreciated.



Recommendation

Approve amended Task Order 24-03 with HDR to update Tasks 2 through 4 to refine the required soil boring data collection.

Attachments

Ordinance 23-01
Resolution 24-081
Task Order 24-03 Amendment