

Field Adjustment Report

Field Adj Number: 002

Contractor: Great Lakes Dredge & Dock Company, LLC.

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Date: August 31, 2017

Dare County Beach Nourishment Project**Spec Paragraph and/or Drawing Number:**

Specs – 00900 – Supplemental General Conditions 14.8.1, 01000 – Technical Provisions 11.5
Plans – Towns of Kill Devil Hills and Kitty Hawk with Southern Shores Extension

Description of Work Affected:

Both the Town of Duck and Kill Devil Hills projects were constructed under the contract quantity due to the equilibration and alongshore transport of beach fill during the construction at each subline location. For that reason, the berm crest location has been adjusted to allow for an additional 32,900 cubic yards in the remaining portion of the Kitty Hawk template. Therefore, the template volume as shown on the Plans provided on 8/4/2017 is 1,797,900 cubic yards.

The breakdown of the Kitty Hawk volume as it relates to the contract pay volume of 1,765,000 cy, reflected in the updated Plans is as follows: 1,624,000 cy for the main fill section; 32,200 cy for the northern taper between Stations -15+08 and -25+08; 11,000 cubic yards for the Kitty Hawk dune between Stations 147+00 to 150+00, 157+00 to 171+00 and 185+00 to 189+89 and 97,800 cy for the Kitty Hawk dune between Stations 6+50 to 114+00 and 125+00 to 147+00.

It is understood that construction of the updated plans to the upper tolerance would result in a greater volume than the max pay volume. Furthermore, as stated above the updated plans include an additional 32,900 cubic yards to account for alongshore transport. **The pay volume will not exceed the value of 1,765,000 cy for Kitty Hawk.** The additional volume associated with the upper tolerance and additional berm width are provided to allow Great Lakes to account for limitations of construction methodology, to control the placement of beach fill to meet specifications and to provide the Contractor additional placement capacity to achieve payment of up to the contract quantity of 1,765,000 cy. The Contractor will not be paid for any quantity of material above 1,765,000 cy for Kitty Hawk. The remaining volume not paid for Duck and Kill Devil Hills may not be used for Kitty Hawk. Each Town is only eligible for their respective maximum contract quantities as indicated in the Agreement.

Additionally, the Kitty Hawk dune between Stations 147+00 to 171+00 and 185+00 to 189+87 was constructed with an average template density of 5.0 cy/ft. The Kitty Hawk dune between Stations 6+50 to 114+00 and 125+00 to 147+00 shall be constructed with an average template density of 7.5 cy/ft. Specifications 00900 – Supplemental General Conditions 14.8.1 and 01000 – Technical Provisions 11.5 remain unchanged for the constructed Kitty Hawk dune between Stations 147+00 to 171+00 and 185+00 to 189+87. For the Kitty Hawk dune between Stations 6+50 to 114+00 and 125+00 to 147+00, Sections 14.8.1 and 11.5 shall be replaced with:

Specifications 00900 – Supplemental General Conditions 14.8.1 – “No centerline survey shall be required for the Kitty Hawk Dune between Stations 6+50 to 114+00 and 125+00 to 147+00. The Kitty Hawk dune shall be included in the pre- and post-placement surveys taken at the pay profiles and azimuths shown in the Plans. To be eligible for payment in areas where a Kitty Hawk dune is proposed, the Contractor shall place a minimum of 95% of the required volume within an Acceptance Section and meet the minimum required volume within an Acceptance Section. The Kitty Hawk dune shall be constructed as discussed in Technical Provisions, Section 11.5.”

**** THIS FIELD ADJUSTMENT SHALL NOT RESULT IN A CHANGE IN CONTRACT PRICE OR THE TIME FOR COMPLETION ****

01000 – Technical Provisions 11.5 – “The CONTRACTOR shall construct a dune within the limits of Kitty Hawk as specified in the Plans. The material for the dune shall be placed directly on the beach profile to construct the dune. The CONTRACTOR shall include the dune material in the post-placement survey (AD). The dune shall be constructed with a variable dune crest depending on the existing profile (maximum dune crest width of 20 feet), 1V:5H landward dune slope tying into the existing conditions and a 1V:5H seaward dune slope. It is the desire of the Town to achieve a 14.0 ft. NAVD88 dune crest elevation for as much of the dune shown in the plans as possible, with the available volume of 7.5 cy / ft. average. In no location shall the dune crest elevation be lower than 12.0 ft. NAVD88. The landward dune crest shall be constructed at the “Landward Limit of Dune” line as shown on the Plans.

Reason for Adjustment:

To provide updated construction plans and increase the density of the Kitty Hawk dune between Stations 6+50 to 114+00 and 125+00 to 147+00 from 5.0 cy/ft to 7.5 cy/ft.

CPE-NC Agreement:	Prime CONTRACTOR Agreement:	Dare County Agreement:
Agreed (Y/N): Yes	Agreed (Y/N):	Approved (Y/N): <i>Yes</i>
Signature/Title/Date: <i>Julie Dine</i> Project Manager/August 31, 2017	Signature/Title/Date:	Signature/Title/Date: <i>[Signature]</i> <i>9/20/17</i> <i>CS mgr.</i>

** THIS FIELD ADJUSTMENT SHALL NOT RESULT IN A CHANGE IN CONTRACT PRICE OR THE TIME FOR COMPLETION **

Field Adjustment Report	Field Adj Number: 003
Contractor: Great Lakes Dredge & Dock Company, LLC.	Page 1 of 1
	Date: September 12, 2017

Dare County Beach Nourishment Project

Spec Paragraph and/or Drawing Number:

Specs – 00900 – Supplemental General Conditions 14.8.1, 01000 – Technical Provisions 11.5
 Plans – Towns of Kill Devil Hills and Kitty Hawk with Southern Shores Extension

Description of Work Affected:

The Kitty Hawk dune between Stations 150+00 to 126+00 shall be constructed with a 30 ft. wide dune crest width and shall tie into the existing dune at elevation +14.0 ft. NAVD88. A dune shall also be constructed between Stations 125+00 to 114+00 that will also tie into the existing dune at elevation +14.0 ft. NAVD88. The dune between Stations 125+00 and 114+00 shall have a dune crest width of 12 ft. If necessary to avoid existing vegetation, a 1V:5H landward dune slope tying into the existing conditions shall be constructed. A 1V:5H seaward dune slope shall be utilized.

Additionally, Great Lakes is authorized to re-pump material at Stations 147+00, 148+00, 149+00 and 150+00 to re-build the template. The revised dune configuration along with re-pumping material at Stations 147+00, 148+00, 149+00 and 150+00 are being provided to allow the Contractor additional placement capacity to achieve payment of up to the contract quantity of 1,765,000 cy. **The pay volume will not exceed the value of 1,765,000 cy for Kitty Hawk.** The remaining volume not paid for Duck and Kill Devil Hills may not be used for Kitty Hawk. Each Town is only eligible for their respective maximum contract quantities as indicated in the Agreement.

Reason for Adjustment:

To provide a revised dune template between Stations 114+00 to 150+00 and authorize the Contractor to re-pump material at Stations 147+00, 148+00, 149+00 and 150+00 to re-build the template.

**** THIS FIELD ADJUSTMENT SHALL NOT RESULT IN A CHANGE IN CONTRACT PRICE OR THE TIME FOR COMPLETION ****

CPE-NC Agreement:	Prime CONTRACTOR Agreement:	Dare County Agreement:
Agreed (Y/N): Yes	Agreed (Y/N):	Approved (Y/N): <i>yes</i>
Signature/Title/Date: <i>Julie D...</i> Project Manager/September 12, 2017	Signature/Title/Date:	Signature/Title/Date: <i>9/20/17</i> <i>[Signature]</i> CO Mgr