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Subject: Lockwood's Folly Inlet - Updated Dredging Estimate (UNCLASSIFIED)
Date: Friday, December 8, 2017 5:50:37 PM
Attachments: [Cost-Estimate_Lockwoods-Folly-Inlet_Dredge-Currituck_2017-12-08.pdf](#)
[Lockwoods Folly Inlet - 7 December 2017 - IN 10 LFI 20171121 DREDGE1a.pdf](#)

CLASSIFICATION: UNCLASSIFIED

Lockwoods Folly Inlet Sponsors and Stakeholders,

As promised last week, enclosed is the updated cost estimate and a survey map showing the proposed dredging box/layout to perform maintenance dredging within the Lockwoods Folly Inlet for a 100-foot wide channel at up to 10' feet deep with the dredge CURRITUCK. We estimate that it would take two weeks to perform this work with placement of dredged material in the near shore at Holden Beach. This work could be initiated in late January 2018 based on the current availability of the CURRITUCK. The non-Federal cost estimate is \$504,000, with the local/state share at \$168,000, with the state providing the remaining amount. Please keep in mind that the quantities estimated on the map in the highlighted box (about 40,000 cubic yards) reflect the amount of material that would be removed based on the last available survey dated November 21, 2017. Actual quantities will likely be increased by late January 2018 when we estimate this work could be performed, so the enclosed cost estimate is based on a higher dredging amount of 45,000 cubic yards.

The survey map now shows a 'curved' channel alignment different from the preferred 'straight' channel alignment we discussed at our meeting. The cost estimate for dredging the 'straight' channel is not provided because it was estimated it would take four weeks to complete but the Corps can only commit the CURRITUCK for a 2-week period at this time due to other dredging priorities along the North Carolina coastline while the dredge MERRITT is undergoing hull repairs.

We are not providing the 2 additional estimates you requested where the dredged material would be placed in the near shore with half at Holden Beach and half at Oak Island AND all of the material at Oak Island. Since the proposed dredging action will take 2 weeks, the same as the time the CURRITUCK is available for this work, placing the dredged material at any location other than the near shore of Holden Beach would result in the dredging of less material because it takes more time to transit from the inlet to Oak Island than to Holden Beach. As a result, placing material in the near shore of Holden Beach would remove the greatest amount of dredged material from the inlet in this 2-week period.

For the Corps to maintain the proposed schedule for this work, we would need the total \$504,000 non-Federal funds no later than the week of January 15th to 19th.

Please let us know how you wish to proceed or if you need additional information. Our contact information is at the end of this EMAIL.

In Darren England's absence by retirement, I've included two employees that are working MOA funding issues at this time for the state - Amin Davis & Bridgette Mclawhorn.

Jim

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