



**Whalehead Subdivision Improvement Advisory Board
Agenda Packet**

May 12, 2017

Call to Order**Approval of Minutes****Old Business**

- A) **Update on Moffatt and Nichol Study**
- B) Update on Corolla Light Concerns
- C) Feedback on drainage issues and future plans for the WPOA spring membership meeting
- D) Update on landscaping work

New Business

- A) Discussion of county plans, if any, to remove asphalt from the Bonito parking lot and whether the advisory board should act to expedite the process.
- B) Discussion of NCDOT's lack of action to remedy flooding at the Bonito entrance to Whalehead and consideration of possible courses of action.

Public Comments**Set Next Meeting Date****Adjourn**



Currituck County Agenda Item Summary Sheet

Agenda ID Number – (ID # 1892)

Agenda Item Title

Update on Moffatt and Nichol Study

Brief Description of Agenda Item:

Board Action Requested

Information

Person Submitting Agenda Item

Debra Embrey, Web/AV Specialist

Presenter of Agenda Item



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Raleigh, NC 27609

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PROGRESS REPORT

DATE: May 3, 2017 **YOUR REF. #:** 9759

CLIENT: Currituck County, NC

ATTENTION: Eric Weatherly

FROM: Ryan Smith

SUBJECT: Whalehead Subdivision Drainage System Evaluation

Progress Report – March 26, 2017 to April 29, 2017

Task 1 – Project Management and POA Meeting (6% Complete)

- Reviewed the project scope and set up the project with the accounting department after receiving the notice to proceed
- Continued general M&N team correspondence

Task 2 – Data Collection and Review (95% Complete)

- Collected and reviewed electronic data from prior Whalehead projects and reviewed materials provided by the County
- Produced drainage-related maps of the subdivision for large scale drainage evaluation and for the field visit
- Visited the project area to collect field data and discuss potential alternatives with the County
- Downloaded SCADA information from each pump station for Hurricane Matthew and surrounding time period, along with other periods of normal operation

Task 3 – Evaluate Existing System Performance (30% Complete)

- Processed SCADA information in Excel and determined pump run volumes
- Analyzed pumping rates and run times under various weather/water table conditions
- Constructed groundwater hydraulic models at a pump/infiltration system scale to analyze hydraulics in the near vicinity of the systems in more detail

Task 4 – Develop Drainage Improvement Solutions (6% Complete)

- Began investigating concepts that could target surface water and meet stormwater treatment regulatory requirements

Task 5 – Correspond with Regulatory Agencies (0% Complete)

Task 6 – Final Report (0% Complete)

Attachment: M and N Update1 5-8-17 (Moffatt and Nichol Study)



Invoice



3780 Kilroy Airport Way
Suite 750
Long Beach, CA 90806
P: (562) 590-6500

Eric Weatherly
County Engineer
Currituck County
153 Courthouse Road
Currituck, NC 27929

May 3, 2017
Invoice No: <Draft>

Project 9759 Whalehead Subdivision Drainage System Evaluation
Contract No. or Purchase Order No. :477
Professional Services from March 26, 2017 to April 29, 2017

Total Fee	51,552.00		
Percent Complete	0.00	Total Earned	0.00
		Previous Fee Billing	0.00
		Current Fee Billing	0.00
		Total Fee	0.00
		TOTAL DUE THIS INVOICE	0.00

<input checked="" type="checkbox"/>	1. OK to Bill	% Billing (Lump Sum):	<u>13.00</u>
<input type="checkbox"/>	2. Attach Backup as noted: _____		
<input type="checkbox"/>	3. Make Changes to Invoice as noted (please attach markup of prebill)		
	<input type="checkbox"/>	Rerun Draft Invoice after changes	<input type="checkbox"/>
	<input type="checkbox"/>	OK to Bill after changes	
<input type="checkbox"/>	4. Do Not Bill at this time (BUL Approval Required)		
	<input type="checkbox"/>	HOLD - Proposal is in process	<input type="checkbox"/>
	<input type="checkbox"/>	HOLD for Milestone Billing	
	<input type="checkbox"/> Other Reason: _____		
<input type="checkbox"/>	5. Write off as noted (BUL Approval Required for Amounts Over \$100)		
	PM Approval for Billing:	<u>[Signature]</u>	Date: <u>5/4/17</u>
	BUL Approval (if req'd):	_____	Date: _____

Attachment: M and N Update1 5-8-17 (Moffatt and Nichol Study)

<p>Check Lockbox Account</p> <p>Payable to: Moffatt & Nichol P.O. Box 51760 Los Angeles, CA 90051-0068 ClientPayments@moffattnichol.com</p>	<p>ACH / Wire Payment Information</p> <p>Bank / Account Name: Union Bank / Moffatt & Nichol Address: 400 California St. San Francisco, CA 94101 Account Number: 4501065066 Fed Routing Number: 122000496</p>	<p>International Wires</p> <p>Swift Code: Bofcus33mpk</p>
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