

**EXPLANATION OF CONSENT AGENDA ITEM E.2.c.(14) April 22, 2017**

**ITEM:**

Consideration of authorizing staff to issue a formal solicitation for the purchase of replacement Fenders and Bollards (material only) for NCP1 & 2 and award this contract for a cost up to \$500,000. (Tom Foxhoven/Bill Crowe)

**EXPLANATION:**

With the aging and deterioration of the existing fenders and bollards we need to replace the fenders and upgrade the bollards to 125 ton for the larger fuel ships that are coming to this area.

This material only purchase will be publicly advertised and solicited from multiple vendors/manufacturers to ensure the best possible pricing for this material.

Estimate/Quotes

Fenders/chains/hardware – 20 each = \$470,000  
125 Ton T-Head Bollards – 20 each = \$ 30,000  
Total = \$500,000

**Funding Review by Finance (Pat Poston):** The total NTE amount of \$500,000 will exceed the capital budget for this item by \$289,000. However there are funds available in the unused contingency budget. If this item is approved, \$289,000 will be transferred from project 2273, and no change will be required in the FY17 Capital Budget. [Budget item 2221 - Improved fender system & 2273 contingency ]

**Staff Recommends Approval**

**Prepared by Tom Foxhoven / Bill Crowe, P.E.**

TF



ITEM #: 2152



## Port Canaveral Capital Budget Project Sheet

PROJECT TITLE: North Cargo Piers 1 & 2 Bollards, Fenders, and Deck Repairs

PROJECT DESCRIPTION:

The fender and bollard maintenance project will replace all the fenders and selective mooring fixtures at NCP 1 and 2, repair damage curbs along the pier face, and repair approximately 18,600 SF of concrete pier deck at NCP 1. The mooring fixtures replacement will consist of removal of the 50 ton double bits on the pier face and installation of 125 metric ton T-head bollards. Deck repair will use hydro-demolition to remove the top 8 inches of concrete and place new concrete topping.

PROJECT PURPOSE:

NCP 1&2 are heavily used berths that have experienced damage due to operations over the years. The current cargo operations have created deck areas of exposed rebar, deep ruts, concrete spalling and general deterioration. The fender and bollard systems along NCP 1&2 have passed their design life and are due for upgrades and replacements.

PRIORITY: 5 (high)

PROJECT BUDGET: \$2,500,000

BUSINESS LINE: Cargo



FORM:

**From:** [Diane Gray](#)  
**To:** [Diane Gray](#)  
**Subject:** FW: Ship Schedule  
**Date:** Friday, April 07, 2017 4:37:46 PM  
**Attachments:** [image001.png](#)  
[Commission Approval to Award fenders-Draft \(2\).docx](#)  
[Commission Approval to Award NCP1-2 Deck Replacement-Draft \(2\).docx](#)  
**Importance:** Low

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**From:** Markley, Michael [<mailto:mmarkley@mortonsalt.com>]  
**Sent:** Friday, April 7, 2017 3:44 PM  
**To:** Tom Foxhoven  
**Cc:** Clyde Mathis; David German; Bill Crowe, P.E.; Morton Salt - Marty Harper; Lacey, James; Salvatore, Steven; Ambassador Svcs LLC - OPS  
**Subject:** [BULK] RE: Ship Schedule  
**Importance:** Low

Tom,

We understand from the Morton Bahamas team that the MBL dock in Inagua will be closed for 8 weeks commencing on May 24<sup>th</sup>.

However, when that last salt ship loads out at the Bahamas, it will sail to Canaveral (+/- 2 days) and then require 2-3 days to offload depending on size of vessel).

Therefore May 30/31<sup>st</sup> would commence the window of no Morton Salt vessel activity at NCP-1 for approx. 8 weeks.

Please advise accordingly.

**Mike Markley**

*Facility Manager, Port Canaveral*

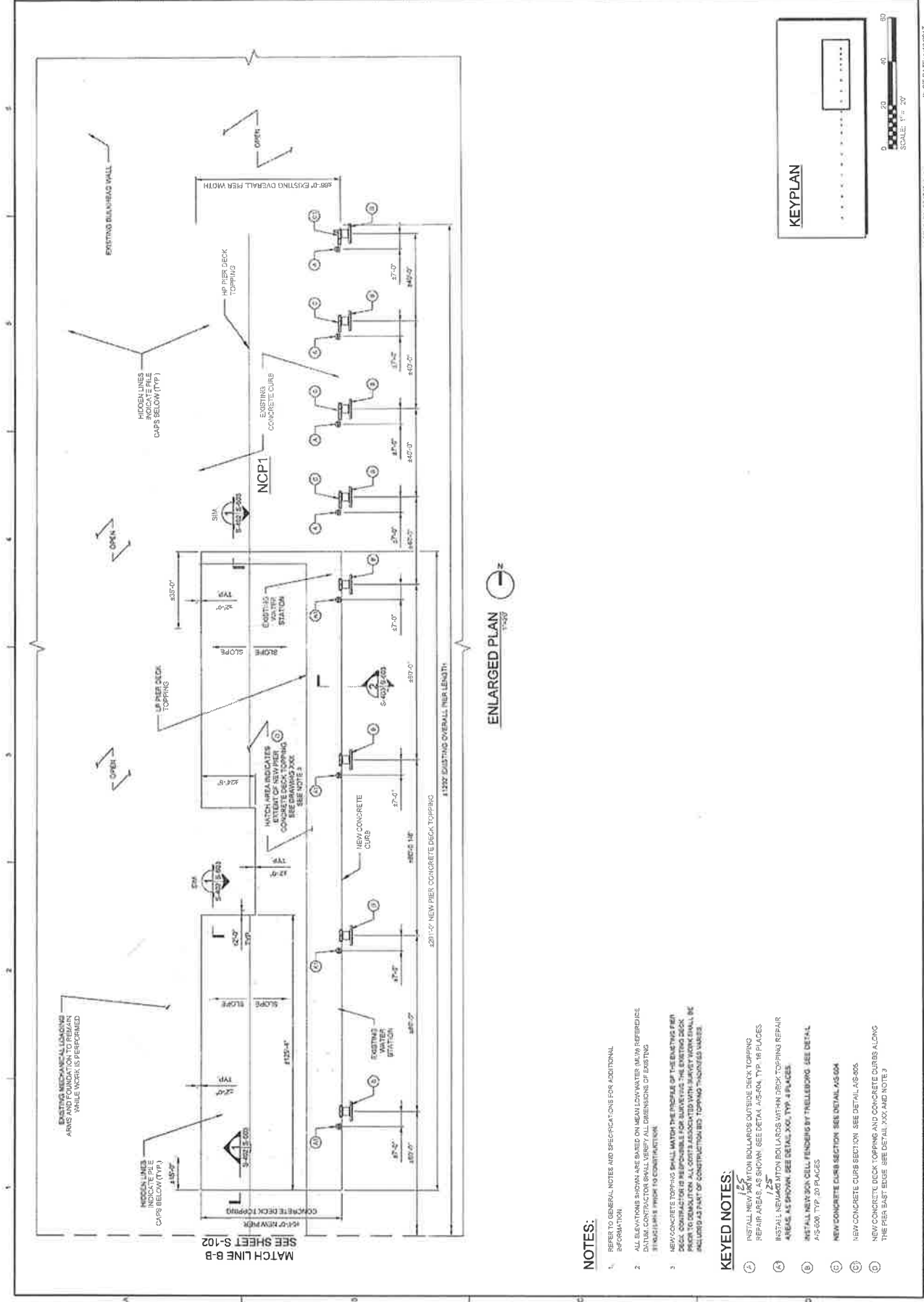
Morton Salt, Inc. | A K+S Group Company

P: +1 321.392.3328 VoIP: 821.3328 | W: [MortonSalt.com](http://MortonSalt.com)

**From:** Tom Foxhoven [<mailto:tfoxhoven@portcanaveral.com>]  
**Sent:** Thursday, April 6, 2017 3:14 PM  
**To:** Markley, Michael <[mmarkley@mortonsalt.com](mailto:mmarkley@mortonsalt.com)>  
**Cc:** Clyde Mathis <[cmathis@portcanaveral.com](mailto:cmathis@portcanaveral.com)>; David German <[dgerman@portcanaveral.com](mailto:dgerman@portcanaveral.com)>; Bill Crowe, P.E. <[bcrowe@portcanaveral.com](mailto:bcrowe@portcanaveral.com)>  
**Subject:** Ship Schedule

Good Afternoon Mike,

Just checking if you have heard the time frame of when you would not have any ships coming into the port. I know in the meeting you mentioned June-July. We are trying to get this in this month's commission meeting and need this information today or tomorrow. By chance do you have set days yet?



**NOTES:**

1. REFER TO GENERAL NOTES AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. ALL ELEVATIONS SHOWN ARE BASED ON MEAN SEA LEVEL UNLESS OTHERWISE NOTED. CONTRACTOR SHALL VERIFY ALL DIMENSIONS OF EXISTING STRUCTURES PRIOR TO CONSTRUCTION.
3. CURB CONCRETE TOPPING SHALL MATCH THE FINISH OF THE EXISTING PIER DECK. CONSULTOR IS RESPONSIBLE FOR ALLOWING FOR EXISTING DECK PRIOR TO DEMOLITION. ALL CURB IS ASSOCIATED WITH SURVEY POINTS SHALL BE INCLUDED AS PART OF CONSTRUCTION BID. TOPPING THICKNESS VARIES.

**KEYED NOTES:**

- (A) INSTALL NEW FAKATION BOLLARDS OUTSIDE DECK TOPPING REPAIR AREAS AS SHOWN. SEE DETAIL A5-504, TYP. 18 PLACES 1/25"
- (B) INSTALL NEW CONCRETE CURB WITH DECK TOPPING REPAIR AREAS AS SHOWN. SEE DETAIL A5-504, TYP. 4 PLACES.
- (C) NEW CONCRETE CURB SECTION. SEE DETAIL A5-504.
- (D) NEW CONCRETE CURB SECTION. SEE DETAIL A5-504.
- (E) NEW CONCRETE DECK TOPPING AND CONCRETE CURBS ALONG THE PIER EAST END. SEE DETAIL AXX AND NOTE 3.

<b>CH2M</b>	STRICTLY CONFIDENTIAL	<b>PARTIAL NEW CONSTRUCTION PLAN</b>	NO. DATE REVISION BY / APP'D	PROJECT: CHALLENGER ROAD - STATE 10 CLIENT: CALIFORNIA HIGHWAYS PROJECT: CHALLENGER ROAD IMPROVEMENTS PROJECT: CHALLENGER ROAD IMPROVEMENTS Cape Canaveral Florida 32920	DATE: 08/19/09 DRAWN BY: J. J. JONES CHECKED BY: J. J. JONES SCALE: 1" = 20'	S-103 PLOT DATE: 11/02/07 PLOT TIME: 11:31 PM
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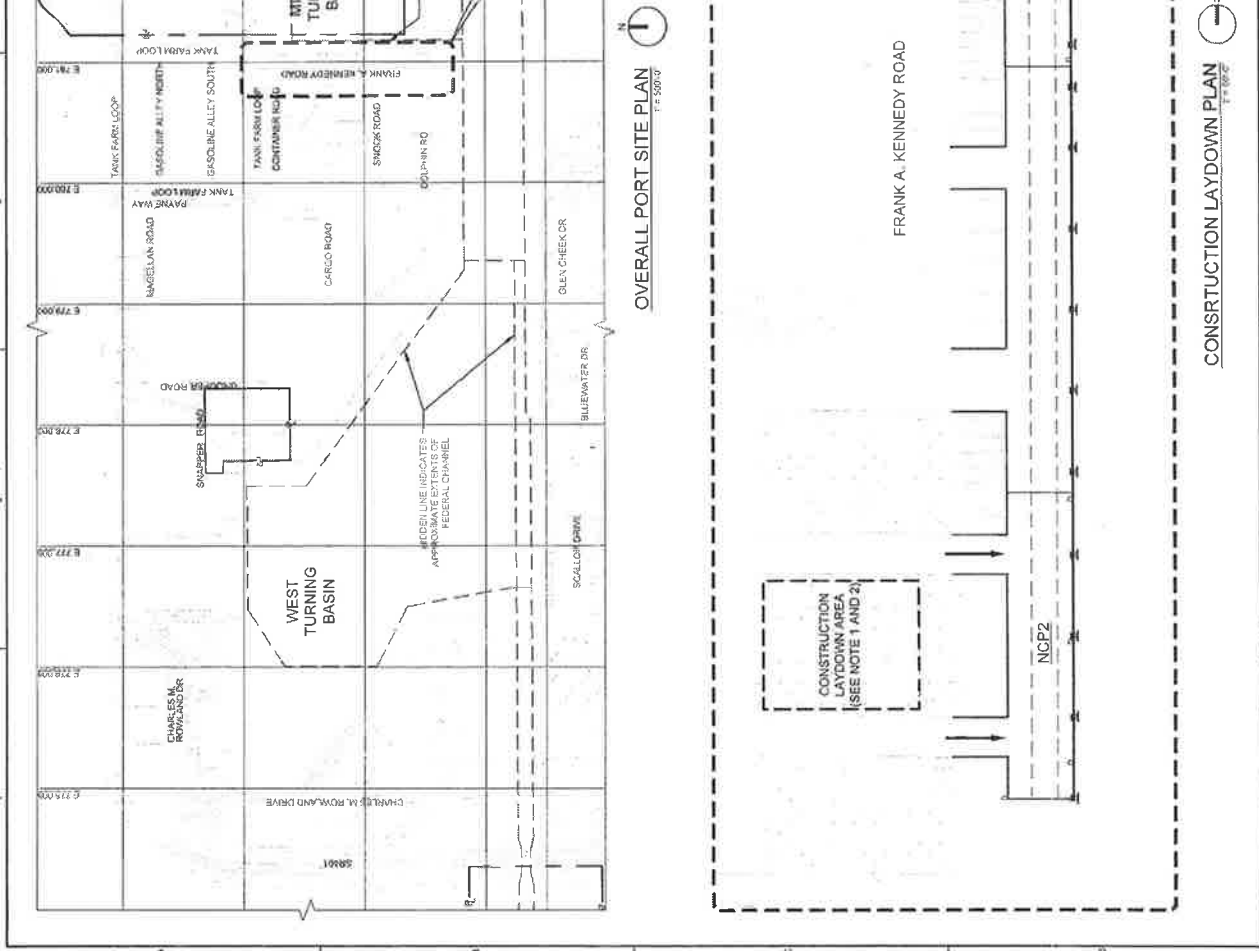
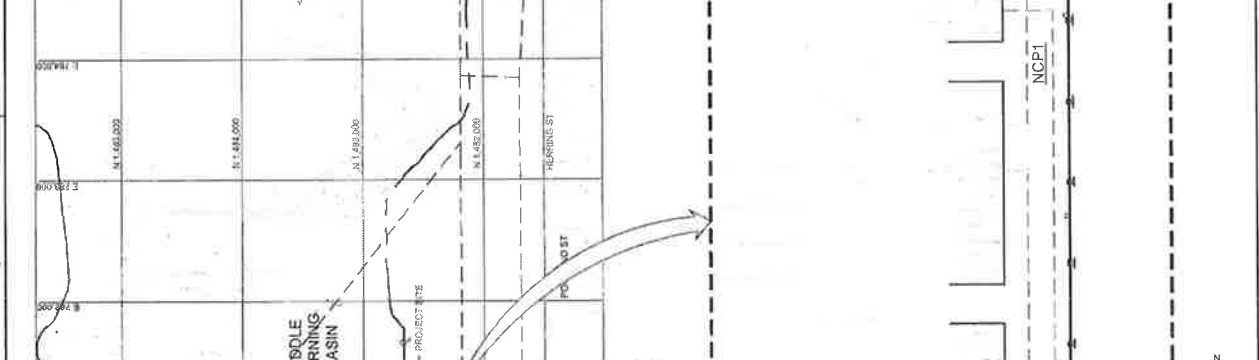
NO.	DATE	REVISION

**NOTES:**

- EXISTING SITE CONDITIONS INCLUDE BUT ARE NOT LIMITED TO STORED CONSTRUCTION MATERIALS, EQUIPMENT, BAG AND BAGGAGE, AND OTHER ITEMS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF ALL SUCH ITEMS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPLICABLE AGENCIES PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPLICABLE AGENCIES PRIOR TO THE START OF CONSTRUCTION.
- CONTRACTOR IS RESPONSIBLE FOR SECURING ALL PROPERTY AND EQUIPMENT WITHIN LAYDOWN AREA DURING CONSTRUCTION.
- PIER ACCESS ROUTING WILL BE ADJUSTED AS WORK PROGRESSES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPLICABLE AGENCIES PRIOR TO THE START OF CONSTRUCTION.



REFER TO LEGEND ON CHAS G-002 FOR DEFINITION OF LINE TYPES





<b>CH2M</b> REFERENCE EXISTING SITE PHOTOS		NORTH TENDER AND BOLLARD IMPROVEMENTS Cape Canaveral, Florida 32920 Cape Canaveral, Florida Cape Canaveral, Florida Cape Canaveral, Florida
PROJECT NO. 1144416 DRAWING NO. R-104	DATE: 11/11/11 SCALE: AS SHOWN SHEET NO. 11 OF 11	PROJECT: 1144416 SHEET: R-104
DESIGNER: [Blank] CHECKED: [Blank] APPROVED: [Blank]	DATE: [Blank] BY: [Blank]	DATE: [Blank] BY: [Blank]

