

# TOWN OF SEABROOK ISLAND

Town Council – Special Called Meeting & Budget Workshop  
October 26, 2018 – 1:30 PM

Town Hall, Council Chambers  
2001 Seabrook Island Road



## AGENDA

### CALL TO ORDER

### ITEMS FOR ACTION

1. **Change Order #1: Triad Engineering & Contracting** *[Pages 2-3]*

Request to approve Change Order #1 with Triad Engineering & Contracting in the amount of \$99,538.00 for the installation of tideflex valves, cleaning of three tidal trenches, installation of two precast tops and two grass inlet frames and covers

### ITEMS FOR INFORMATION / DISCUSSION

1. **Charleston Regional Hazard Mitigation Plan Update** *[Pages 4-7]*

Notification of updates to the Charleston Regional Hazard Mitigation Plan (2018-19)

### BUDGET WORKSHOP

1. **Review and Discussion of Draft FY 2019 Budget**

### ADJOURN



**Triad Engineering & Contracting**

Proposal: Tideflex Valves and Tidal Ditch Cleaning

Date: 10-5-18, 10-10-18, 10-17-19, 10-23-18

**Job Name: Seabrook Island Storm Pipe and Relining**

**Job Description: Install 12", 24", 36" Tideflex Valves, clean 3 tidal trenches , 2 each precast top, 2 each grass inlet frame and cover**

**Responsibilities:**

**Triad Engineering & Contracting**

- Provide all materials
- Insure One-Call has been notified prior to beginning work.
- Disposal of spoil, debris
- Bond
- Restoration

**Pricing:**

	QTY	UNIT PRICE	TOTAL
<b>Install 36 inch tideflex valve</b>	<b>1</b>	<b>Ea</b>	<b>\$39,880</b>
<b>Labor</b>	<b>210</b>	<b>MH</b>	<b>\$9,500</b>
<b>Equipment</b>	<b>110</b>	<b>HR</b>	<b>\$7,400</b>
<b>Material</b>	<b>1</b>	<b>EA</b>	<b>\$ 22,980</b>
<b>Install 24 inch tideflex valve</b>			<b>\$22,000</b>
<b>Labor</b>	<b>140</b>	<b>MH</b>	<b>\$6,200</b>
<b>Equipment</b>	<b>60</b>	<b>HR</b>	<b>\$3,300</b>
<b>Material</b>	<b>1</b>	<b>EA</b>	<b>\$12,500</b>
<b>Install 12 inch tideflex valve</b>			<b>\$19,300</b>
<b>Labor</b>	<b>140</b>	<b>MH</b>	<b>\$6,200</b>
<b>Equipment</b>	<b>60</b>	<b>HR</b>	<b>\$3,300</b>
<b>Material</b>	<b>1</b>	<b>EA</b>	<b>\$9,800</b>

<b><i>Tidal Trench Cleaning</i></b>			
<b><i>Tidal Trench Cleaning</i></b>	<b>1</b>	<b>EA</b>	<b>\$9,200</b>
<b><i>Labor</i></b>	<b>180</b>	<b>MH</b>	<b>\$8,150</b>
<b><i>Equipment</i></b>	<b>20</b>	<b>HR</b>	<b>\$1,050</b>
<b><i>Remove existing curb and precast top, replace and restore sod</i></b>	<b>2</b>	<b>EA</b>	<b>\$6,550</b>
<b><i>Labor</i></b>	<b>70</b>	<b>MH</b>	<b>\$3,100</b>
<b><i>Equipment</i></b>	<b>30</b>	<b>HR</b>	<b>\$1,650</b>
<b><i>Material</i></b>	<b>1</b>	<b>EA</b>	<b>\$1,800</b>
<b><i>Grass inlet frame &amp; cover</i></b>	<b>2</b>	<b>EA</b>	<b>\$2,608</b>
<b><i>Labor</i></b>	<b>16</b>	<b>MH</b>	<b>\$708</b>
<b><i>Equipment</i></b>	<b>8</b>	<b>HR</b>	<b>\$440</b>
<b><i>Material</i></b>	<b>2</b>	<b>EA</b>	<b>\$1460</b>
<b><i>Total</i></b>			<b>\$99,538</b>

**Assumptions:**

No conflicting obstacles, or delays once mobilized

Paul Kassouf, PE 843-714-7392 (cell) paul.kassouf@triad-engineering.com



# MEMORANDUM

**TO:** Mayor Ciancio and Members of Town Council  
**FROM:** Joseph M. Cronin, Town Administrator  
**SUBJECT:** Charleston Regional Hazard Mitigation Plan Update  
**MEETING DATE:** October 26, 2018

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The Charleston Regional Hazard Mitigation Plan is supported by the Charleston County Building Inspection Services Department and yearly updates are approved by the plan's thirty committee members. This Plan is required by the Federal Emergency Management Agency (FEMA) in order to receive disaster funding and reimbursement, as well as federal mitigation grants. For additional Community Rating System credit, these yearly updates are required to be distributed to County Council and the councils of all municipalities that are covered under the county plan.

The summary of changes to the 2018-2019 plan are listed below. The full plan is available online at the following link:

<https://www.charlestoncounty.org/departments/building-inspection-services/hazard-mitigation-plan.php>

If you have any questions about the Plan, please contact Charleston County Building Inspection Services at 843-202-6940.

## **Summary of Changes Made to the Charleston Regional Hazard Mitigation Plan for 2018-2019 Update:**

### **Cover Pages**

- Updated the title

### **Section 1: Introduction**

- Background (1.1): Updated the year of activities in the PIP.
- Community Profile (1.2): Updated Figures 1.1 and Figure 1.2 in the Climate section.
  - Updated The People section with recent numbers; Updated Figures 1.3, 1.4, 1.5, 1.6 and 1.7
- The Planning Process (1.4): Updated language about the most recent survey.
- Hazard Assessment (1.6): Updated language to coincide with the latest survey findings.
- Problem Assessment (1.7): Updated the building count due to vulnerability.

## **Section 2: Goals**

- Reordered the goals for the Plan based on the latest survey.

## **Section 3: Planning Process**

- Pre Planning Request for Input (3.1): Updated the year for survey distribution and the threats as ranked on survey
- Public Input (3.3): Updated number of meetings held for that year
- Local Jurisdiction Adoption (3.4): Updated the date of the latest FEMA approved plan
- Planning Process Summary (3.6): Added the most recent public meetings about the Plan
- Updated all of the tables and attachments for this section.

## **Section 4: Hazard Assessment**

- Prioritization (4.1): Updated all survey results and wording.
  - Updated all tables
  - Reordered sections based on the priority results of the survey.
- Hurricane (4.2): Added a wind definition under the Classification section.
  - Updated the Occurrences and the probability for this year.
- Flooding (4.3): Updated Historical Occurrences and Probability for this year.
- Sea Level Rise (4.4): Updated occurrences of king tide events for this year.
  - Added photos from Hurricane Irma
  - Updated the table of predicted king tides for 2018
- Tornado (4.5): Updated historical occurrences for this year
- Earthquake (4.6): Updated historical occurrences and probability for this year
- Hazardous Materials (4.7): Updated historical occurrences and tables for this year.
- Wildfire (4.8): Updated historical occurrences and tables for this year.
- Terrorism (4.9): Updated historical occurrences for this year.
- Tsunamis (4.10): Changed the latest date from 2017 to 2018.
- Winter Weather (4.12): Updated the historical occurrences for this year
- Drought (4.13): Updated historical occurrences and tables for this year
- Rip Currents (4.14): Updated historical occurrences for this year.
- Severe Storm (4.13): Updated historical occurrences for this year.
- Updated the following tables: Table 4.2, 4.3.

## **Section 5: Problem Assessment**

- Vulnerable Buildings (5.2): Updated wording to reflect the latest survey results.
  - Updated building numbers to reflect most recent SFHA and repetitive loss report
- Infrastructure Vulnerability (5.3): Updated the wording to reflect the latest survey result
- Known Flood Damages (5.4): Updated wording and Table 5-12 with most recent FEMA data
- Development and Population Trends (5.9): Updated population information for the County.
- Updated Table 5.14

- Resiliency to Hazards (5.11): Updated the language to reflect survey responses.
- Updated the following attachments: 5-A, 5-B, 5-C, 5-D, 5-E and 5-F.

**Section 6: Possible Activities**

- Prioritizing Projects (6.1): Updated the year
- Structural Projects (6.7): Added language to reference the City of North Charleston’s Public Works Pepperhill/McChune Branch Drainage Study
  - The study in full was added as Appendix A.8
- Updated Table 6-1, 6-2, 6-3, 6-4, 6-5, and 6-6 to include all Preventative activities in the County.

**Section 7: Adopting Resolution and Jurisdiction-Specific Action Plans**

- Included action reports for 2018-2019 for the following plan signatory jurisdictions:

- |   |  |
|---|--|
| - Unincorporated Charleston County                | - Town of McClellanville                             |
| - Town of Awendaw                                 | - Town of Meggett                                    |
| - College of Charleston                           | - Town of Mt. Pleasant                               |
| - Charleston Water System                         | - Mt. Pleasant Water Works                           |
| - Charleston County Parks & Recreation Commission | - City of North Charleston                           |
| - Charleston County School District               | - North Charleston District                          |
| - City of Charleston                              | - North Charleston Sewer District                    |
| - Cooper River Parks & Playground Commission      | - Town of Ravenel                                    |
| - City of Folly Beach                             | - Town of Rockville                                  |
| - Town of Hollywood                               | - Roper St. Francis                                  |
| - City of Isle of Palms                           | - St. Andrews Parish Parks and Playground Commission |
| - Town of James Island                            | - St. Andrews Public Service District                |
| - James Island Public Service District Commission | - St. Johns Fire Service District                    |
| - Town of Kiawah Island                           | - St. Paul’s Fire Service District                   |
| - Town of Lincolnville                            | - Town of Seabrook Island                            |
|   | - Town of Sullivan’s Island                          |

**Section 8: Appendices**

- Updated A.2 to reflect most current CRS community class rating
- Updated A.4, A.5 and A.6 to reflect most recent participation in update
- CRHMP Summary of Changes 2017-2018 (A.7): Added the summary of changes for this plan.

**Contact Point:**

Katie Faith or William Horne  
 Charleston County Building Inspections Services  
 Phone: (843) 202-6940  
 Email: [kfaith@charlestoncounty.org](mailto:kfaith@charlestoncounty.org) or [whorne@charlestoncounty.org](mailto:whorne@charlestoncounty.org)

**From:** Katherine M. Faith <[KFaith@charlestoncounty.org](mailto:KFaith@charlestoncounty.org)>  
**Sent:** Tuesday, October 23, 2018 10:54 AM  
**To:** Joe Cronin <[jcronin@townofseabrookisland.org](mailto:jcronin@townofseabrookisland.org)>, John Gregg <[jgregg@townofseabrookisland.org](mailto:jgregg@townofseabrookisland.org)>, Ronald Ciancio <[rciancio@townofseabrookisland.org](mailto:rciancio@townofseabrookisland.org)>,  
**Subject:** Notify Council of Annual HMP Update

Hi all!

The annual update for the Hazard Mitigation Plan we worked so hard on this summer is up on the website (<https://www.charlestoncounty.org/departments/building-inspection-services/hazard-mitigation-plan.php>). Please notify your council via email or have it on your next council meeting agenda as a non-voting item. This is mandatory for CRS credit (aka discounts on flood insurance for citizens). I have attached how to notify council template and what I need back as receipt.

If you have any questions, please let me know!

Also, reminder! The next Project Impact subcommittee meeting is November 13<sup>th</sup> at 2pm. We will discuss the next stages of the projects now that they are on the action plans and get them into reality. Hope to see you there!

Thanks,  
Katie

Katherine Faith, CFM  
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Charleston County Government  
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