



## HURRICANE ELSA

Hurricane Elsa passed by Captiva during the early morning hours on Wednesday July 7, 2021. Flooding occurred on parts of Captiva along with power outages as a result of the storm.

The island sustained minimal to no damage although resulting in high tides and a diminished shoreline 24 hours after the storm passed.

Many of the stakes guarding Sea Turtle nests were washed away. SCCF is working to inventory all losses and protect as many surviving nests as possible.

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## UPDATE ON THE EROSION PROJECT TIMELINE

After working extensively with the Florida Fish and Wildlife Commission and coming to a resolution that is in the best interest of the sea turtles, our project has a clear path forward. Timelines are still tentative, as weather and other factors may cause modifications.



Residents of Captiva may begin to see contractors working to set up the first pipeline landing as early as August 6th. Beach fill is anticipated to begin on the south end of the island as early as August 30th. The project placement areas are broken into 4 stretches of beach. In a best-case scenario, the project can be completed in as little as 35 days. CEPD staff will continue to communicate project updates to Captiva residents as they become available.

## REVIEW OF THE ECONOMIST REPORT

During a review of the economist's report in May, Chairman Miville while analyzing the benefits disparity with Executive Director Nelson, discovered that the analysis was done in July 2018 during the worst Red Tide that Captiva has ever experienced. This caused many lodging and event cancellations, resulting in businesses losing millions in tourism revenue from potential visitors. Consequently, the CEPD worked to compile more realistic data that the economist incorporated in an effort to increase the recreational benefits percentage.

In closely reviewing the 2014 apportionment documents in comparison to the apportionment documents from the current project, Technical Policy Director Daniel Munt discovered there was also an error in the calculation. After consulting with Dr. Stronge and looking through the specific calculations, it was determined that the new benefit model did not previously account for a present value analysis, whereas the previous model did. We are very proud of the accomplishments Daniel Munt has provided the CEPD since his arrival and the cost savings he discovered for the community. Also, we are grateful for the leadership and creative insights of new CEPD Chairman Rene Miville for his ability in developing solutions that produce results.

After adjusting the new model to account for the present value, the corrected recreational benefit percentage has increased to **72.9%**! This increases Captiva's recreational benefit percentage by 3% from the previous nourishment. The table below shows the adjustments (in yellow) with the new percentages. Utilizing the formula that was provided to us from Lee County Natural Resources Division, Steve Boutelle, the county total contribution should go up by roughly **1 million dollars**.

	Benefit Percentages as Shown in 2018 Benefit Report	With the Previous 3.8% Increase	2014 Project Benefit Percentages	Revised Benefit Percentages
Project length (FT)	26,611	26,611	26,611	26,611
Public Access per FDEP	42.13%	42.13%	42.13%	42.13%
Storm Benefit %	44.1%	40.3%	30.1%	27.1%
Rec Benefit %	55.9%	59.70%	69.9%	72.9%
County frontage (FT)	483	483	483	483
County frontage	1.82%	1.82%	1.82%	1.82%
County Rec %	23.55%	25.15%	29.45%	30.71%
County Storm %	0.80%	0.73%	0.55%	0.49%
<b>Total Cost</b>	<b>\$ 18,025,485.00</b>	<b>\$ 18,025,485.00</b>	<b>\$ 18,025,485.00</b>	<b>\$ 18,025,485.00</b>
Federal Cost	\$ -	\$ -	\$ -	\$ -
<b>FDEP Cost</b>	<b>\$ 3,797,068.42</b>	<b>\$ 3,797,068.42</b>	<b>\$ 3,797,068.42</b>	<b>\$ 3,797,068.42</b>
Local Cost	\$ 14,228,416.58	\$ 14,228,416.58	\$ 14,228,416.58	\$ 14,228,416.58
County Rec	\$ 3,350,887.44	\$ 3,578,675.85	\$ 4,190,107.90	\$ 4,369,940.86
County Storm	\$ 113,951.17	\$ 104,075.27	\$ 77,733.64	\$ 69,986.10
<b>County Total</b>	<b>\$ 3,464,838.61</b>	<b>\$ 3,682,751.12</b>	<b>\$ 4,267,841.54</b>	<b>\$ 4,439,926.96</b>
CEPD Project Cost	\$ 10,763,577.98	\$ 10,545,665.46	\$ 9,960,575.04	\$ 9,788,489.62

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