

## RESOLUTION 2016-07

**A RESOLUTION OF THE CITY OF CLEAR LAKE SHORES, TEXAS, SUPPORTING THE “IKE DIKE” PROJECT FOR A COASTAL BARRIER SYSTEM AS THE MOST EFFECTIVE AND EQUITABLE MEANS OF PROTECTING THE ENTIRE HOUSTON-GALVESTON REGION FROM STORM SURGE AND SUB-TROPICAL RAIN EVENTS; AND PROVIDING FOR THE DELIVERY OF SUCH RESOLUTION TO TEXAS A&M UNIVERSITY AT GALVESTON, THE GULF COAST COMMUNITY PROTECTION AND RECOVERY DISTRICT, AS WELL AS THOSE STATE AND FEDERAL LEGISLATORS THAT REPRESENT THE CITY OF CLEAR LAKE SHORES.**

**WHEREAS**, the City of Clear Lake Shores is a coastal island community situated mainly along Clear Lake and Clear Creek, leading directly into Galveston Bay, with a population of residents and businesses that can be affected by storm surge and sub-tropical rain events; and

**WHEREAS**, on September 13, 2008, Hurricane Ike cause significant devastation and destruction across the Houston-Galveston region, including the City of Clear Lake Shores, with massive flooding from storm surge waters; and

**WHEREAS**, storm surge entering Galveston Bay as a result of a hurricane or other significant storm event tends to increase in height as it moves further up into Galveston Bay and endangers human life, destroys property, and damages sensitive ecosystems; and

**WHEREAS**, a comprehensive flood gate and barrier system along the Gulf Coast, including San Luis Pass, Bolivar Peninsula, and the mouth of the Houston, Galveston, and Texas City ship channels, would provide the necessary protection for the Houston-Galveston region and in particular, surrounding Galveston Bay; and

**WHEREAS**, Professor Bill Merrell of Texas A&M University at Galveston has conceived the “Ike Dike” project, which is a proposal to create a coastal spine with a combination of barriers and gates extending along Galveston Island and the Bolivar Peninsula; and

**WHEREAS**, the “Ike Dike” project looks to existing technologies created and effectively used in the Netherlands; and

**WHEREAS**, providing a comprehensive system of barriers and gates along the Gulf Coast would protect the economy, environment, and more importantly, the people in the region; and

**WHEREAS**, in 2010, the Texas Governor's Commission on Recovery and Renewal reviewed the "Ike Dike" project and recommended that a six county public corporation be established to explore viable options for storm surge protection for the Houston-Galveston region; and

**WHEREAS**, the cost of constructing the "Ike Dike" project would be a mere fraction of the cost of structural damage, lost productivity, and environmental clean-up, otherwise incurred without the project after a major hurricane; and

**WHEREAS**, the City Council of the City of Clear Lake Shores desires to support the "Ike Dike" project in order to advance the need for a coastal barrier system to protect Clear Lake Shores and the entire Houston-Galveston region.

**NOW, THEREFORE, LET IT BE RESOLVED BY THE CITY COUNCIL OF THE CITY OF CLEAR LAKE SHORES, TEXAS THAT:**

**Section 1:** City Council finds that the recitals set out in the preamble above are true and correct.

**Section 2:** City Council hereby wholeheartedly supports and endorses efforts by Dr. Bill Merrell of Texas A&M University at Galveston and others, to create the "Ike Dike" project for a coastal barrier system to be completed for protection of the Houston-Galveston region from hurricane and sub-tropical storm surges, including Galveston Bay.

**Section 3:** City Council encourages the Gulf Coast Community Protection and Recovery District to locate the necessary resources to facilitate construction of the "Ike Dike" project.

**Section 4:** City Council hereby directs the City Secretary to send a certified copy of this Resolution to Rear Admiral Robert Smith III, USN, President and Chief Executive Officer of Texas A&M University at Galveston; Gulf Coast Community Protection and Recovery District Chairman, Mark Henry; the Bay Area Houston Economic Partnership; as well as those state and federal legislators that represent Clear Lake Shores, Texas.

**Section 5:** This Resolution shall become effective from and after its adoption.

**PASSED AND APPROVED** this 19<sup>th</sup> day of April, 2016.

  
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Mayor

ASSEST:

  
\_\_\_\_\_  
Assistant Secretary

APPROVED AS TO FORM:

\_\_\_\_\_  
City Attorney

