

## City of Mandeville Flood Protection Activity Update

The City of Mandeville is committed to providing a multifaceted approach to flood protection: check valve installation on drainage outfalls, elevation grant applications, continuing work with the CORPS Silver Jacket program and flood map V-zone revision requests will all aid in reducing flooding effects.

Below is an update on each effort:

### Storm Drain Check Valves

The Storm Drain Check Valve Installation Project is being performed by Advanced Quality Construction, Inc. (contractor) at many points on the lakefront. The Scope of work includes:

- ❖ Excavation and removal of existing storm drain pipe
- ❖ Installation of new storm drain pipe
- ❖ Installation of two (2) 12" inline check valves, four (4) 15" inline check valves, ten (10) 18" inline check valves, thirteen (13) 24" in line check valves
- ❖ Removal of existing storm inlets
- ❖ Installation of storm drain inlets, backfilling, and site restoration

Project start date was April 19, 2015 with completion in 60 days or on June 19, 2015. The Project is scheduled to finish by that date.

### FMA Grants:

Solutient, the City's consultant for FEMA grants, submitted two Flood Mitigation Assistance (FMA) grant applications on June 26, 2014 for the City of Mandeville. The applications consisted of homes that had specific FEMA flood designations (Severe Repetitive Loss and Repetitive Loss properties). One of application included eleven properties and the other included two properties. Typically, GOHSEP takes 30 days to review the submitted application, and then formally submits the applications to FEMA for review.

In October 2014, Solutient notified the City that FEMA had posted on their website that the application submitted with the two properties had been selected "for further review". At this time, they are still under review by FEMA. Additionally, these two properties were designated as historic properties, which require the State Historic Preservation Office (SHPO) to review and make a determination on whether or not the elevation will have adverse impact on the historic context of the building. SHPO may make recommendations on design issues and will issue a letter of No Objection to FEMA. The City has been in contact with SHPO and is working with them as they process these reviews.



**1786 (Gustav/Ike) HMGP reallocation:**

The application with 11 properties was not selected, as these properties are designated as Repetitive loss properties. (The City learned that none with this designation were selected nationwide, only Severe Repetitive Loss (SRL) properties were selected.) Therefore, the City also submitted a request to GOHSEP and FEMA in October 2014 for the reallocation of Gustav-Ike HMGP funds to be used towards the elevation of these eleven properties. There is potential funding for four (4) of those properties should the reallocation be approved. The remaining properties will be in the alternate property queue, should one of the four primary properties be unable or unwilling to elevate for whatever reason. GOHSEP submitted the reallocation request on January 30<sup>th</sup>, 2015.

The City is currently awaiting FEMA's response. We continue to search for more funding to provide a greater participation in the elevation grant program.

**Silver Jackets Program:**

The Louisiana Silver Jackets Program selected the City of Mandeville to participate in a Flood Risk Management (FRM) Pilot Project. The Silver Jackets program provides communities an opportunity to develop FRM programs that protect the public and reduce flood damages through a collaborative and comprehensive approach.

The project uses information provided by the City of Mandeville to assess prior flooding events, identify and prioritize flood protection alternatives, improve resiliency and inform future decisions within the city. By conducting this analysis, the City will have the necessary info to be proactive rather than reactive during future flood events.

The Pilot Project is currently wrapping up Phase I, which consists of an inventory of the approximately 2,000 structures in the study area. Phase II is expected to begin in July with the calculation of economic damages caused by flood events.

The Administration is requesting a presentation from the CORPS on the Silver Jacket Program for the June 11 Council meeting. ***All citizens are encouraged to attend.***

**LOMR – Letter of Map Revision. FEMA flood Maps:**

The City of Mandeville contracted with Dr. Joseph Suhayda to prepare a LOMR, Letter of Map Revision, to evaluate and submit a request to FEMA to revise the adopted Flood Insurance Rate Map (FIRM) in the area at the west end of Lakeshore Drive. Specifically, some of this area is rated on the map as a VE 12 & 13 zone. The city is requesting a map revision to have it designated as an AE zone. This map revision will have a benefit to those property owners within the designated area by significantly reducing their flood insurance rate. Additionally, the type of construction required in a VE zone is much more regulated than those in an AE zone.

Dr. Suhayda has completed the draft LOMR report. The LOMR will be submitted to FEMA for approval within the next few weeks. If successful, many homes will be removed from V-zone areas with a reduction in flood insurance premiums.

The City will continue to update our progress as more information becomes available.

