



AGENDA & NOTES
FOR
TERREBONNE
HAZARD MITIGATION PLAN UPDATE

8/7/2014

@ 10:00 A.M

Bayou Terrebonne Waterlife Museum
7910 W Park Ave
Houma, Louisiana 70360

I. WELCOME AND INTRODUCTIONS

The Terrebonne Parish Hazard Mitigation Plan Update Committee held their third open to the public meeting at the Bayou Terrebonne Waterlife Museum in Houma, Louisiana, on Thursday, August 7, 2014. The purpose of the meeting was to provide an opportunity to review the updated maps, review Worksheet #3A and Worksheet #4, and allow attendees to provide input on project prioritization.

Nicole Cutforth from CB&I introduced herself and asked attendees to introduce themselves, provide what agency they represent, and also provide one statement about why they are attending the third Hazard Mitigation Update Meeting.

II. SUMMARY OF SECOND MEETING

Nicole reviewed the second meeting agenda and discussed what would be reviewed at meeting three. Nicole informed the attendees that it is very important to have all projects sent in by our final meeting held on September 12, 2014 in order for the projects to be listed in the updated Hazard Mitigation Plan.

III. MODELING DATA GAP

Nicole discussed the modeling grant that Terrebonne Parish has and ideas that committee members have for the use of the grant money. One idea that is listed is modeling of drainage/sub-drainage areas within the northern part of the parish. Ronnie Shaw explained that he would like grant funds to be used to model Corporate Drive where it is currently listed as a +2 and is subsiding quickly. Pat Gordon with Terrebonne Parish explained that the parish has already had numerous modeling projects that were completed by FTN and Gulf South and that Ronnie's concerns may have been covered in those. Pat suggested that the modeling grants be projected more to areas that haven't been modeled yet. Ronnie also discussed that the Gray/Schriever area has inadequate drainage and there will be more developments coming to that area in the future.

IV. REVIEW RISK ASSESSMENT

Nicole explained the flood composite risk assessment to the committee and how CB&I came up with the inundation information that was provided on the map. CB&I uses a FEMA program called HAZUS that comes up with loss estimates.

Nicole discussed FEMA worksheet #3A which is the inventory assets of Terrebonne Parish that is based off of Census Block Data within HAZUS.

Repetitive Loss Structures were defined and it was noted that they are tracked by FEMA and the NFIP. The definition of Repetitive Loss properties has changed since the last update.

Nicole explained FEMA Worksheet #4 and that HAZUS is also used for this worksheet. HAZUS uses the critical facilities in Terrebonne Parish, places them on the composite risk map and creates an inundation level (in feet) and provides replacement value. The inundation level is applied to percentage values assigned by FEMA to generate the total risk values.

V. DETERMINE MITIGATION STRATEGIES

Nicole discussed that the project list is a wish list but also a list that shows the suggestions of top priority projects in Terrebonne Parish. Chief Dufrene discussed that he would like to add a Safe House to the project list. He would like this Safe House to hold 30 to 40 people and would like it located on 2101 East Houma Drive behind the training facility. Chief would like this to house firemen and policemen in the city in case of an emergency. Jennifer Gerbasi with Terrebonne Parish explained that since there was already going to be a Safe House built to house 200 that Chief Dufrene would need to explain why he would like his Safe House to house be funded.

Chris Pulaski with Terrebonne Parish questioned where major retail outlets such as Home Depot, Lowes, etc. would fit in on the Critical Facilities list. Nicole explained that the critical facilities list is typically just Government Buildings but all major retail outlets can be listed if locations are provided along with a replacement value, contents value, and a value of how much it would cost a day that each store is out of commission.

It was noted that the CNG Station located at 550 South Van Ave. should be listed as a priority on the project list.

Nicole discusses mitigation strategies and what Terrebonne Parish has already completed or is in the process of completing. Pat explained that Terrebonne Parish had eleven recommendations from an Engineering group from Baton Rouge for flood plain management that Terrebonne Parish has addressed such as prohibiting hazardous waste facilities and freeboard built-in for mobile homes which leaves nine other recommendations. Terrebonne Parish has decided they will move forward with some recommendations but not with others. Pat discussed

that Terrebonne Parish is and needs to continue to prohibit issuing building permits in special flood areas deemed as environmentally sensitive.

Each attendee received a remote to vote which project ranks highest priority to them. The results are as follows:

Question 1 – What type of project do you consider the highest priority?

1. Residential Elevations – 30%
2. Commercial Elevations – 5%
3. Elevations of Critical Facilities – 65%

Question 2 – What type of project do you consider the highest priority?

1. Generators for Schools – 5%
2. Generators for Sewer Lift Stations – 10%
3. Generators for Potable Water Facilities – 15%
4. Generators for First Responders – 30%
5. Generators for Drainage Pump Stations – 40%

Question 3 – What type of drainage improvements do you think should be the highest priority?

1. Existing Culvert or Ditch Upgrades – 35%
2. Pump Station Upgrade – 59%
3. Installation of new Drainage Ditches/Culverts where none currently exists – 6%

Question 4 – What type of critical facility elevation do you think should be the top priority?

1. Elevation of utilities (water/sewer) – 0%
2. Elevation of First Responder structures – 38%
3. Elevation of evacuation routes with flood history – 46%
4. Elevation of pump station controls – 15%

Question 5 – What type of wind hardening project do you think should be the top priority?

1. Schools – 12%
2. First Responders – 35%
3. Utilities – 18%
4. Evacuation Shelters – 35%
5. Other Government Structures – 0%

Question 6 – What type of project would be of the highest priority to prevent coastal erosion?

1. Inform community of risk – 0%
2. Acquire and demolish structures in at risk area – 18%
3. Stabilization of rebuilding of barrier island – 82%

Question 7 – What type of project do you think would be of the highest priority to combat sea level rise?

1. Study to investigate baseline risk – 21%
2. Zoning/Subdivision Regulations – 7%
3. Locate Utilities outside high risk areas – 7%
4. Additional Freeboard Requirements – 7%
5. Natural Buffer Restoration – 57%

Question 8 – What type of project do you think would be the highest priority to combat subsidence?

1. Study to Identify Baseline Risk – 24%
2. Zoning/Subdivision Regulations – 12%
3. Strengthen Building codes to resist subsidence loads – 65%

Nicole explained to the attendees that most Federal Grants have a 75% federal/ 25% local match and responsible entity had to come up with the local portion.

Nicole discussed the new FEMA requirement that requires a write for the projects that have been implemented in the new plan update.

Jack Moore with Terrebonne School Board noted that West Park Elementary will no longer be a shelter and to remove from Project List.

Nicole discussed with the attendees about the Capability Assessment and that all previous meeting notes, presentations, agendas, maps, and previous plan can be accessed online.

A few attendees discussed different types of funding such as HMGP and how the funding flows.

VI. REVIEW UPDATED MAPS

Nicole broadly discussed the updated maps for the Hazard Mitigation Plan and explained the Composite Risk areas and 100-year flood plain. Nicole noted that the latest inundation incorporated into the Composite Risk was Hurricane Ike.

VII. CONCLUSION

A. Next Phase

1. Review Plan Update – will be posted online a week ahead of the meeting
2. Next Meeting: September 12, 2014