

APPENDIX M

AGENDA AND MINUTES

Local Mitigation Strategy Workgroup
Agenda for January 21, 2005
NetPark, 5701 E. Hillsborough Ave
(Public Works Conference Room)

I. Membership/Introductions

II. Old Business

III. Administrative Items

- a. LMS Approved by FEMA and State
- b. New Members
- c. Initiatives List/Updates to Critical Facilities (HAZUS Summary)

IV. Subcommittee Reports

i. Government/Public Agencies

- o HMGP Items
 - Prioritization and Voting Procedures
 - Points of Contact for Each Jurisdiction/Project
 - BCA Training Feb 1 and 2
- o PDM – Due to FEMA, Feb 28, 2005 (Due to State, Feb 18)
- o Summary of Mitigation/Preparedness (Hurricane Task Force) Request by Planning Commission to Local Governments

ii. Private/Quasi-Public Groups

- Update from Committee Chair

iii. Non-profit/Volunteer/Citizen Based Groups

- Any info on CCC, CERT, Neighborhood Relations, Red Cross, etc.

V. Public Outreach and Floodplain Management Update

- a. Outreach Events for Next Year

IV. Upcoming Events

- a. Next Meeting

LOCAL MITIGATION STRAGTEGY COMMITTEE MEETING

January 21, 2005

10:00 A.M.

Attendance: Linda Mandell, Hillsborough County Hazard Mitigation
Chris Zambito, Hillsborough County Hazard Mitigation
Michael Burwell, City of Tampa Stormwater
David Glicksberg, Hillsborough County Public Works Stormwater
Eugene Henry, Hillsborough County Hazard Mitigation
Sherrie Blische, Hillsborough County Hazard Mitigation
Theresa Meyer, City of Tampa Stormwater
Dwayne Wills, Hillsborough County Water Department
Nancy Whitman, FEMA
Lisann Morris, SWFWMD
Jasmine Gilliam, City of Tampa, Stormwater
Moris Cabezas, PBS & J
Steven Castonguay, Hillsborough County Health Department

Call to Order: David Glicksberg, Vice Chairman called meeting to order at 10:12 a.m. in the absence of Howard Harris, Chairman. Meeting held in the Hillsborough County Public Works Dept- TDM conference room.

Membership/Introductions: David welcomed all in attendance, an requested everyone to introduction themselves.

Old Business: No Old Business.

Administrative Items: Chris Zambito reviewed with the group the LMS approved by FEMA. Chris introduced the new members to the group, Steve Castonguay of the Hillsborough County Health Department, Lisann Morris from SWFWMD, Nancy Whitman , part of tahe FEMA technical assistance team for this region of Florida, Dwayne Wills from Hillsborough County Water Department who was involved back in 1999 when first starting the LMS. Chris went on to tell the group that we have a different attendance then we had in a past. Gene Henry mentioned another group that is going to be involved with the LMS group and that is Tampa General Hospital, who could not attend today. Chris discussed with the group the project list that is part of the LMS. He stated that this particular year the list was scaled down to about 30 projects under the Notice of Intent for the HMGP. LMS document has a list of over 500 projects that have been submitted over the years. The group will need to follow-up on the project to add items to the list for funding, or updating when a project has been completed,. Gene requested to accept the Tampa General Hospital project coming in for flood and wind

retrofit. He mentioned that it will not be recommended above targeted HMGP projects. He mentioned the group can come back later and prioritize, but it does need to be sanctioned as a valid project. Linda Mandell second the motion. Chris spoke of the state funding of retrofitting and introduced Steven Castonguay who spoke to the group about his interest of the LMS funding sources and in seeking a specific upgrade to the special need shelter at the USF Sundome. Steve discussed his part as part of the post 911 crew that was hired by the State, to review emergency preparedness and planning for the communities throughout all regions of the State.

At this time they took a vote as to the acceptance of Tampa General Hospital's project being submitted. All approved. HAZUS was mentioned and Chris stated we could talk about it at the end of this meeting if there were enough time. Gene and Chris discussed with the group how projects were prioritized. Gene reviewed with the group the Notice of Intent list.

Subcommittee Reports:

Government/Public Agencies

Dave reviewed with the group the Hillsborough County Stormwater projects such as Duck Pond and Sand Pond. He mentioned that the Duck Pond project was in coordination with City of Tampa Stormwater projects. A lengthy discussion ensued as to the coordination and contacts involved with the Duck Pond project, which would be a joint venture between Hillsborough County and the City of Tampa through, an Interlocal Agreement. Nancy Whitman from FEMA spoke with the group about the necessity of explanation on this joint project which would of course be funded by two budgets. (Hillsborough County & City of Tampa). Gene mentioned the process of Interlocal agreements used in the past for similar projects with one point of contact.

Linda Mandell reviewed with the group the FMA (Flood Mitigation Program). She mentioned that FMA is still allowing projects, but still waiting to hear from FEMA for opening of the program for applications. Last years projects went in on December and will be approved in March of 2005.

It was noted that Plant City and the City of Temple Terrace who were unable to attend today will have to be notified as to the LMS projects decisions. Gene motioned that the group prioritize Duck Pond as #1 and Jasmine Gilliam (City of Tampa) second it. The group went on to prioritize the projects for the LMS. The LMS projects ranking for submittal of HMGP funding is as follows:

Hurricane Jeanne – Estimated Available Funds \$2.2 Million

- 1) Duck Pond (City and County via interlocal agreement)
- 2) Krause St Lift Station (City of Tampa)
- 3) Shutter Retrofit (to be decided by Plant City and Temple Terrace)
- 4) Land Acquisition (Hillsborough County)

Hurricane Frances – Estimated Available Funds \$814,000

- 1) Sand Pond Outfall (Hillsborough County)
- 2) 22nd Street Land Acquisition (City of Tampa Stormwater)
- 3) Shutter Retro Fit (Plant City)
- 4) Land Acquisition (Hillsborough County)

Hurricane Charley – Estimated Available Funds \$206,995

- 1) Lightfoot Retrofit (Temple Terrace)
- 2) Building Retrofit (Plant City)
- 3) Hospital Retrofit (Tampa General)
- 4) ***“Tentative” HC Water Department’s Project: Ruskin Water and Waste Water (Hillsborough County)***

Note: (Voted on via email during week of February 7, 2005)

Linda motioned that they vote on the project list and Gene second it. The group voted and approved the project list decisions.

Linda spoke to the group about trainings coming up. BCA training will be on February 1st and 2nd from 8:30 to 5:30 p.m. at the EOC Center at 2711 E. Hanna Ave and in Brooksville on February 10th & 11th. (For information contact Gordon McClung). She also spoke of PDM grant applications having a February 18th deadline to submit.

Summary of Mitigation/Preparedness (Hurricane Task Force Request by Planning Commission to Local Governments was tabled until the next meeting

Private/Quasi-Public Groups: Chris told the group about the board game that Susan Mueller from TECO has designed and is now testing with various groups for new developing ideas and how it will be to play the game.

Non-Profit/Volunteer/Citizen Based Groups: Linda as a member of the CCC, was ask to update the group on the progress and events of the CCC. She told the group that the CCC meets the first Thursday of every month and will be conducting Ham radio training on Saturday, January 29th and February 5th at the EOC center.

Public Outreach and Floodplain Management Update: Tabled until next meeting.

Upcoming Meeting: Next meeting “tentatively” for the last week of February.

Adjournment: Meeting adjourned at 11:52 a.m.

Local Mitigation Strategy Workgroup
Agenda for April 8, 2005
NetPark, 5701 E. Hillsborough Ave
(Public Works Conference Room)

I. Membership/Introductions

II. Old Business

III. Administrative Items

- a. Any Updates to Initiatives List?

IV. Subcommittee Reports

i. Government/Public Agencies

- HMGP Items
 - Current Proposed Project Ranking
 - Will be finalized and sent prior to projects
 - Points of Contact and Description for Each Project
- PDM – Final Back-Briefing on Projects Sent
- Summary of Mitigation/Preparedness (Hurricane Task Force) Request by Planning Commission to Local Governments
- USGS Activities for Coastal Disaster Planning

ii. Private/Quasi-Public Groups

- Update from Committee Chair

iii. Non-profit/Volunteer/Citizen Based Groups

- Any info on CCC, CERT, Neighborhood Relations, Red Cross, etc.

V. Public Outreach and Floodplain Management Update

- a. Outreach Events for Next Year

i. County

- 3 Town Hall Meetings (April, August, October)
- Hispanic Hurricane/Disaster Expo (Leto Gym, May 12, 6:00pm)
- Mailout to Residents in Flood Hazard Areas and Repetitive Loss Properties
- Education Campaign for Flood Insurance

IV Upcoming Events

- a. Next Meeting – Early June?

LOCAL MITIGATION STRAGTEGY COMMITTEE MEETING

April 8, 2005

2:00 p.m

NetPark Right of Way
5701 E Hillsborough Ave, Suite 1140
(Public Works Conference Room)

Agencies in Attendance: Hillsborough County
FEMA
City of Tampa
City of Temple Terrace
SWFWMD
Public Health Department

Called to Order: Meeting was called to order by Howard Harris, Chairman. Howard welcomed everyone to the meeting.

After discussion on the following agenda, further discussion continued on the various applications submitted and the status of said applications.

Membership/Introductions

Old Business

Administrative Items

Any Updates to Initiatives List?

Subcommittee Reports

Government/Public Agencies

- HMGP Items
 - Current Proposed Project Ranking
 - Will be finalized and sent prior to projects
 - Points of Contact and Description for Each Project
- PDM – Final Back-Briefing on Projects Sent
- Summary of Mitigation/Preparedness (Hurricane Task Force)
Request by Planning Commission to Local Governments
- USGS Activities for Coastal Disaster Planning

Private/Quasi-Public Groups

- Update from Committee Chair

Non-profit/Volunteer/Citizen Based Groups

- Any info on CCC, CERT, Neighborhood Relations, Red Cross, etc.

Public Outreach and Floodplain Management Update

Outreach Events for Next Year

County

- 3 Town Hall Meetings (April, August, October)
- Hispanic Hurricane/Disaster Expo (Leto Gym, May 12, 6:00pm)
- Mailout to Residents in Flood Hazard Areas and Repetitive Loss Properties
- Education Campaign for Flood Insurance

Next Meeting: Next meeting tentatively set for sometime in mid-June.

Meeting Adjourned: Meeting adjourned.

Attachment 4

Local Mitigation Strategy Workgroup

Agenda for June 2, 2006

NetPark, 5701 E. Hillsborough Ave., Suite 1140
(Planning and Growth Management Board Room)

- I. Membership/Introductions**
- II. Old Business**
- III. Administrative Items**
 - a. New Members
 - b. CEMP and Comprehensive Plan Approval
 - c. FLASH Partnership
 - d. Any Updates to Initiatives/Project List?
 - e. Any Updates to the Critical Facility Inventory?
- IV. Subcommittee Reports**
 - i. Government/Public Agencies**
 - Summary of Hurricane and Redevelopment Exercise
 - Update on the Flood Insurance Rate Maps
 - Any Recommendations on Updates to Strategic Planning Initiatives?
 - Potential County Partnership with Mapping Company ESRI
 - ii. Private/Quasi-Public Groups**
 - Update from Susan Mueller on Recent Activities
 - iii. Non-profit/Volunteer/Citizen Based Groups**
 - Any info on CCC, CERT, Neighborhood Relations, Red Cross, etc.
- V. Public Outreach and Floodplain Management Update**
 - a. Outreach Events for Next Year
 - i. County
 - Town Hall Meetings
 - Hispanic Hurricane Meetings
 - Health Department Expos
 - Other Activities?
 - ii. Vote on Outreach Strategy
- IV Upcoming Events**
 - a. Next Meeting – August, September?

**Local Mitigation Strategy Workgroup
Agenda for June 2, 2006**
NetPark, 5701 E. Hillsborough Ave., Suite 1140
(Planning and Growth Management Board Room)

I. Membership/Introductions

a. Attendees

- i. City of Tampa*
 - *Theresa Meyer*
 - *Michael Burwell*
- ii. Tampa General*
 - *Paul Ford*
 - *Deborah Cunningham*
- iii. Tampa Electric*
 - *Sue Connell*
- iv. Hillsborough County*
 - *Eugene Henry*
 - *Linda Mandell*
 - *Chris Zambito*
 - *David Glicksburg*
 - *Autumn Schwab*
 - *Rick Cvarak*
 - *Sherrie Blischle*

II. Old Business

- a. Motion to reduce mandatory meeting requirement to twice a year instead of quarterly, with option to have more as needed was approved.*

III. Administrative Items

- a. New Members*
- b. CEMP and Comprehensive Plan Approval*
 - i. Information presented to the group*
- c. FLASH Partnership*
 - i. The County is now a partner with the Federal Alliance for Safe Homes and will work to educate residents and builders for more resilient homes.*
- d. Any Updates to Initiatives/Project List?*
 - i. The motion to include rebuilding low-moderate housing through HMGP funds if the community is devastated was approved.*
 - ii. There was also a discussion on protection of satellite health clinics and pre-wiring them through EMPA grants, if possible.*
- e. Any Updates to the Critical Facility Inventory?*
 - i. No information was provided for updates, but the Real Estate GIS representatives provided information on ongoing activities to keep the inventory updated.*

IV. Subcommittee Reports

i. Government/Public Agencies

- Summary of Hurricane and Redevelopment Exercise
- Update on the Flood Insurance Rate Maps
- Any Recommendations on Updates to Strategic Planning Initiatives?
 - *The group recommended creating a sub-committee to look at initiatives relating to planning activities, particularly, developments in the coastal high hazard area.*
- Potential County Partnership with Mapping Company ESRI

ii. Private/Quasi-Public Groups

- Update from Susan Mueller on Recent Activities
 - a. *Sue Connel gave an overview of TEC's efforts for assisting their company and customers during a severe storm.*

iii. Non-profit/Volunteer/Citizen Based Groups

- Any Info on CCC, CERT, Neighborhood Relations, Red Cross, etc.
 - *Linda Mandell updated the group on activities and mentioned the volunteerhillsborough.org website and the American Waterways program.*

V. Public Outreach and Floodplain Management Update

a. Outreach Events for Next Year

i. County

- Town Hall Meetings
- Hispanic Hurricane Meetings
- Health Department Expos
- Other Activities?

ii. Vote on Outreach Strategy

- *The group agreed that any changes sent out via email could be approved via email and will be presented to the group at the next meeting.*

IV Upcoming Events

a. Next Meeting – August, September?

**Local Mitigation Strategy Workgroup
Agenda for November 8, 2006**
NetPark, 5701 E. Hillsborough Ave., Suite 1140
(Planning and Growth Management Board Room)

- I. Membership/Introductions**
- II. Old Business**
 - a. HMGP for use in Community Recovery/Redevelopment Activities
 - b. Change in Meeting Requirements
 - i. 2 Meetings (Instead of 4) Is the New Minimum Number for Meetings Annually
 - c. Subcommittee for Development in Coastal High Hazard Areas
 - d. CRS Outreach Strategy
- III. Administrative Items**
 - a. Any Updates to Initiatives/Project List?
 - b. Any Updates to the Critical Facility Inventory?
- IV. Subcommittee Reports**
 - i. **Government/Public Agencies**
 - Continued work on CFI Priorities
 - Post-Disaster Redevelopment Planning Activities
 - Land Development Code Changes
 - Site Planning with Housing and Community Code Enforcement
 - ii. **Private/Quasi-Public Groups**
 - Update from Susan Mueller on Recent Activities
 - iii. **Non-profit/Volunteer/Citizen Based Groups**
 - Any info on CCC, CERT, Neighborhood Relations, Red Cross, etc.
- V. Public Outreach and Floodplain Management Update**
 - a. Outreach Events for Next Year
 - i. County
 - Town Hall Meetings
 - Hispanic Hurricane Meetings
 - Health Department Expos
 - Other Activities?
- IV. Upcoming Events**
 - a. Next Meeting – April 2007?

**Local Mitigation Strategy Workgroup
Agenda for November 8, 2006**
NetPark, 5701 E. Hillsborough Ave., Suite 1140
(Planning and Growth Management Board Room)

I. Membership/Introductions

a. Attendees

i. City of Tampa

- *Theresa Meyer*
- *Michael Burwell*

ii. City of Plant City

- *Jessica Gillem*

iii. PBS&J (Local Private-Sector Representative)

- *Moris Cabezas*

iv. Hillsborough County

- *Eugene Henry*
- *Linda Mandell*
- *Chris Zambito*
- *David Glicksburg*
- *Sandra Scherbarth*

II. Old Business

- a. Confirmed previous motion to reduce mandatory meeting requirement to twice a year instead of quarterly, with option to have more as needed was approved. Also, confirmed decision at last meeting to use HMGP funds for Post-Disaster Housing and Redevelopment activities.*
- b. Also, reviewed the idea of a subcommittee to work on Coastal High Hazard development issues*

III. Administrative Items

- a. Any Updates to Initiatives/Project List?*
- i. City of Tampa is providing theirs during November*
- b. Any Updates to the Critical Facility Inventory?*
- i. Hillsborough County is working with TECO to create a prioritization system that works for both mitigation priorities as well as TECO's restoration priorities.*
- c. CRS Update*
- i. Hillsborough County mentioned that they just completed 5-year ISO review and that should at least stay a Class 6 or better community.*

IV. Subcommittee Reports

i. Government/Public Agencies

- *Continued work on CFI Priorities – Mentioned above*
- *Post-Disaster Redevelopment Planning Activities*
 - *Land Development Code Changes – The County spoke of ongoing updates and LDC text amendment process.*

- Site Planning with Housing and Community Code Enforcement
The County mentioned a grant for site assessments of temporary living communities and a possible future grant for environmental assessments of potential sites.

ii. Private/Quasi-Public Groups

- *No update was provided during this meeting*

iii. Non-profit/Volunteer/Citizen Based Groups

- Any info on CCC, CERT, Neighborhood Relations, Red Cross, etc.

Linda Mandell summarized a recent conference regarding Citizen Corp and CERT Initiatives. It was also noted that Linda was selected to be on a state committee representing these issues.

V. Public Outreach and Floodplain Management Update

a. Outreach Events for Next Year

i. County

- Town Hall Meetings
- Hispanic Hurricane Meetings
- Health Department Expos
- Other Activities?

ii. Vote on Outreach Strategy

- *The group agreed that any changes sent out via email could be approved via email and will be presented to the group at the next meeting.*

iii. Preliminary Flood Insurance Rate Maps

- *The County discussed the new maps and timelines associated with protest and appeals and final usage of the maps.*

IV Upcoming Events

a. Next Meeting – March, April 2007?

Local Mitigation Strategy Working Group
Agenda for May 1, 2007
NetPark, 5701 E. Hillsborough Ave
(Building Services Division Board Room, Suite 1140)

I. Membership/Introductions

- a. New Members

II. Old Business

III. Administrative Items

- a. LDC Changes and Proposed Changes
- b. Update on Previous Projects
- c. Presentation on PA and Combining with HMGP
- d. New Requirements for HMGP (State enhanced plan)
- e. Storm Surge Markers
- f. Upcoming Redevelopment Task Force Tabletop
- g. FEMA Planning Tools

IV. Subcommittee Reports

- a. Government/Public Agencies
- b. Private/Quasi-Public Groups
 - i. Update from Committee Chair
- c. Non-Profit/Volunteer/Citizen-Based Groups
 - i. Any info on CCC, CERT, Neighborhood Relations, Red Cross, etc.

V. Public Outreach and Floodplain Management Update

- a. Outreach Events for Year

VI. Upcoming Events

- a. Next Meeting

**Local Mitigation Strategy
Working Group Meeting
May 1, 2007
NetPark Board Room**

I. Membership/Introductions

David Glicksberg, LMS Chairman for this year, welcomed the group.

Others present:

Sheri Meier	Centurion Security Screen Co.
Teresa Meyer	City of Tampa Construction Services
Michael Burwell	City of Tampa Stormwater
Linda Mandell	Hillsborough County Hazard Mitigation
Steve Castonguay	Hillsborough County Health Dept.
Michael Adejumo	City of Tampa Community Planning
David Glicksberg	Hillsborough County Stormwater
Moris Cabezas	PBS&J
Paul Ford	Tampa General Hospital
Tatyana Austin	City of Plant City
Linda Mandell	Hillsborough County Hazard Mitigation
Betti Johnson	Tampa Bay Regional Planning Council

II. Old Business

Linda Mandell stated that Paul Ford asked her to help follow-up on his project at Tampa General Hospital (TGH), but that she has not received any return calls. Mr. Ford stated that he received an email from the state rep and she has sent him copies of an email stating that the project had moved to Tallahassee. Also, because of the size TGH project it had to have a special signature. They were estimating they may make a contract offer in three weeks. Ms. Mandell stated that this will go back to 2004 HMGP application cycle. Ms. Meier commented that they are working on grants that they measured for two-three years ago. There was a general discussion on how long it takes to get projects funded and the personnel changes in DCA.

III. Administrative Items

a. LDC Changes and Proposed Changes

Ms. Mandell stated she has not had a chance to review to entire report, but covered some items. She recalled the fires in South County last year and an issue in Sun City Center with egress. She said that the county is going to start requiring that there be one alternative access on each on a principal side of a subdivision where there is no street access in or out. Another part of the report deals with the disaster relief dwellings. This will be tied in with the Land Development Code and the Comprehensive Plan for Hillsborough County. Ms. Mandell will send the report electronically to other members.

b. Update on Previous Projects

Ms. Mandell stated that update on previous projects was covered under old business. Mr. Burwell stated that they had gotten two line item fundings through legislature so far, for approximately \$2.1 million.

c. Presentation on Public Assistance and Combining with HMGP

Ms. Mandell stated that Gene Henry has been working on this and that there is a movement afoot to be able to use the PA with long-term recovery funding. Mr. Henry wanted the group to realize that this is a long shot, but he is trying some training here from the unincorporated and incorporated County for training on how to go about this. Ms. Mandell stated that the major issue is tracking it and keeping up with everything so that you can justify it.

d. New Requirements for HMGP (State enhanced plan)

Ms. Mandell stated this is conjunction with the 9G-22.006 proposed rule change that has not yet come about. She briefly spoke on the Windstorm Report saying that there was legislative intent to change 9G so that 50% of the HMGP funding would go to the My Safe Florida Home Program for windstorm mitigation. It was to be dictated at the legislative level or the state level which projects would be done at a local level with HMGP funding. Another thing coming out of the legislature through the Comp Plan that the Planning Commission and others are working on, is the level of service for evacuations – how long would it take to evacuate during a Category 1, 4, 5. TBRPC is working on the wording that has to be in place in September in order to make the deadline. Ms. Mandell offered to mail the draft ordinance to those who are interested in reading it. Mr. Adejumo stated that he attends the meetings and that there have been two or three meetings related to the coastal high hazard area. Some issues brought up were clearance times and how to deal with it either at the local level or the county level. He said that they have already prepared some documentation for the Council and what we don't like about the coastal high hazard area that will be going to Tallahassee for review.

Ms. Mandell asked if they have clarified the definition for coastal planning area and coastal high hazard area. Mr. Adejumo answered that it has not been clarified. He stated that there is definition change from what used to be level 1, and now that it is lower than level 1. He said it is up to the local government to decide whether or not they want to accept that lower level or do we want to go with what we adopted. Mr. Adejumo stated that they will be talking extensively on the subject at the next meeting. Mr. Adejumo said that they are going beyond the coastal high hazard area boundary, and that there is a split in the parcels. Some parcels are within the coastal high hazard area and some are outside. They are trying to study the entire area. Ms. Meyer asked if Tampa was outside the CHHA. Mr. Adejumo stated that Tampa has always been in the CHHA, but that the area is smaller now. It used to be whole evacuation zone. Mr. Burwell stated that it is only the submerged areas and submerged directly and not by waves. The area is determined by the SLOSH model.

e. Storm Surge Markers

Ms. Mandell spoke about a storm surge marker on Hwy 41 in Gibsonton at Riverview Dr. She said the storm surge marker was a post painted grey with a board showing Category 5, 4, 3, 2, 1, and it showed what the actual storm surge was in feet at that point. The marker has since been removed. There was discussion about putting up storm surge markers around the County. Ms. Mandell stated she spoke with Susan Mueller at TECO about using their posts to mount the markers. She also spoke with Tom Walls who is in charge of right-of-way maintenance. Both are amiable with the idea of storm markers.

Sherry Meier asked if this project would be a candidate for a billboard. She stated that there are a lot of billboard companies willing to donate billboards to public service, when they are not using them. Ms. Meier stated that the cost would be minimal. Ms. Mandell thought it was a good idea to utilize billboards to promote awareness, but she also feels it would be desirable to have stationary signs in place scattered around the County.

There was discussion regarding forming a Storm Surge Committee. Sherry Meier stated she would make phone calls to find out what needs to be done for the billboards. Ms. Mandell welcomed input or ideas on how to actually design the markers. She stated she would attempt to duplicate the marker in Riverview that she spoke of earlier.

Ms. Mandell inquired as to how many of those present attend outreach venues. Mr. Adejumo asked if the storm surge markers would be something that they would recommend to the Board and City Council. Ms. Mandell answered that she thought so. He recommended someone talk to John Dingfelder first. Since everyone was in agreement regarding the storm surge markers, Ms. Mandell stated she would get with Sherry and Morris and discuss ideas.

f. Upcoming Redevelopment Task Force Tabletop

Ms. Mandell stated that May 23rd is the hurricane exercise. Ms. Mandell said that last year the day after the hurricane exercise, they had the Redevelopment Task Force Tabletop. This year it will be in mid-June. This year they want to pull the LMS Committee into the Redevelopment Task Force. Steve Castonguay gave a brief report on the task force regarding, in the event of a catastrophic event, rebuilding, what will come first, what the critical infrastructure will be, how will to deal with financing, health and medical, and schools. He stated you determine what the main issues are and how you are and what are the first things that need to be done, at 10 days, 30 days, 60 days, and 90 days. Ms. Meyer asked how this tied in to what is being done in the City of Tampa as far redevelopment, build-back plan. Is it the same thing?

Michael Adejumo stated that they are looking at the development and also linking it to mitigation strategies. Mr. Adejumo stated that that is something that needs

discussion in our committee and see if that is something that we want to include as a policy. **

A lot of issues were brought up that would prevent a timely and effective response to a catastrophic event. He stated that when Gene looked at it, it was like this building code would be obsolete. And, land use regulations would actually prevent certain things from happening. He stated that we need to look at these things because if they are going to prevent us from rebuilding, then we need to have a waiver to waive those regulations to be able to continue the process. Gene pulled together the post-disaster redevelopment committee for the first time in thirteen years. Ms. Mandell stated that Hazard Mitigation is working on the Post-Disaster Redevelopment Plan and that was the group that we were pulling together.

g. FEMA Planning Tools

Ms. Mandell shared a memo from Chris Zambito to her regarding planning tools to coordinate critical infrastructure protection, critical facilities inventory and other essential facilities, and the use of HAZUS and other tools for working with post-disaster redevelopment planning, recovery planning, and Coastal High Hazard Area issues, etc. Mr. Zambito's memo stated that it is a big point of concern through DHS FEMA State DCA, DEM and local groups. Ms. Mandell stated that at this point in time Mr. Zambito was in HAZUS training. Ms. Mandell stated that Chris Zambito is working this with Steve Porter and TECO. Ms. Mandell stated that this is a new tool with FEMA and that Chris Zambito will have a presentation on that in the next meeting.

Betti Johnson spoke on critical facilities inventory.

Ms. Johnson gave a report on the Coastal High Hazard Area Committee Task Force. She stated that last year the Legislature adopted legislation that changed the definition of the coastal high hazard area from evacuation level A or 1 to the storm surge boundary. This was determined by the SLOSH model. Ms. Johnson stated that regional planning advisory committee asked for a group of volunteers to form the coastal high hazard area and mitigation workgroup. They have been working on a white paper that would identify what the changes are and the implications for or requirements for local government, what some of the limitations are and the challenges, and some recommendations on how to implement these mitigation strategies. She stated that they are looking at some ways to implement, and one of the challenges is that the CHHA is so small and a level of service is supposed to be adopted for out of county clearance times for category 5. Also, to adopt some kind of mitigation fee for development that would have an impact on clearance times and shelter capacity. A draft ordinance was done on how to implement the fee. One item Ms. Johnson is working on with the National Hurricane Center NOAA is trying to determine whether they can get the SLOSH model and use some of the wave projection models in concert with that so they can get a true picture of the effect of the event.

IV. Subcommittee Reports

- a. Government/Public Agencies
No Report
- b. Private/Quasi-Public Groups
 - i. Update from Committee Chair
No Report
- c. Non-Profit/Volunteer/Citizen Based Groups
Ms. Mandell stated that Gene Henry will be the representative on the Citizen Corp Council.

V. Public Outreach and Floodplain Management Update

- a. Outreach Events for Year
Ms. Mandell stated that Hazard Mitigation attends all the town hall meetings. Ms. Johnson stated that they are working with Hillsborough County on the 2007 Hurricane Guide. She stated that this year it will be like down to an 8 ½ x 11 map. They did not go with a media partnership so there is no advertising. The document will be available in post offices and public buildings. Copies of guide can be obtained from Hillsborough County Emergency Management.

VI. Upcoming Events

- a. Next Meeting
 - The next LMS meeting is scheduled for 2:00 pm on July 24, 2007.
 - Hurricane Exercise – May 23, 2007
 - Post-Disaster Redevelopment Exercise – Mid-June

VII. Adjournment

The chairman asked if there were any questions and general discussion regarding the new flood maps ensued.

There being no further business, the meeting adjourned.

****There are a few sections on the tape where it was not possible to either understand or transcribe what was being discussed. Also, after several attempts, it was determined that the tape was faulty.**

**Local Mitigation Strategy Working Group
Agenda for July 24, 2007
NetPark, 5701 E. Hillsborough Ave
(Building Services Division Board Room, Suite 1140)**

I. Membership/Introductions

- a. New Members

II. Old Business

- a. Update on My Safe Florida Home Program
- b. Update on Previous Projects
- c. LDC Modification

III. Administrative Items

- a. HB 1359 – Hurricane Evacuation
- b. Gaither/Fugate PDRP Survey
- c. Upcoming Redevelopment Task Force Tabletop
- d. Mitigation Training July 25 and 26 EOC
- e. Press Release Requesting LMS Input

Subcommittee Reports

- f. Government/Public Agencies
- g. Private/Quasi-Public Groups
 - i. Update from Committee Chair
 - ii. Continuity Planning/CFI
 - iii. ESF-18
- h. Non-Profit/Volunteer/Citizen-Based Groups
 - i. Any info on CCC, CERT, Neighborhood Relations, Red Cross, etc.
 - ii. Storm Surge Markers

IV. Public Outreach and Floodplain Management Update

- a. CRS Program and Outreach
- b. Status of Flood Maps

V. Upcoming Events

- a. Next Meeting

**Local Mitigation Strategy
Working Group Meeting
July 24, 2007
NetPark Board Room**

Attendance

I. Call to Order and Introductions

Chairman Glicksburg called the meeting to order at 2:10

II. Old Business

a. My Safe Florida

Ms. Mandell stated that because so many people applied, not everyone got their inspection before May 1st and that the rules were changed somewhat. She said that applicants had to be within the windborne debris line to qualify for the program. People who had applied and qualified under the original program no longer qualify. Gene Henry stated, as he understands, that insurance can be obtained statewide, but the grant program where there is initially a match up to \$5,000 for those areas of higher risks associated with windborne debris line. David Glicksberg inquired if there was a map online as to where the line is drawn. Mr. Henry answered that there is a windborne debris line that goes with the Florida Building Code. Mr. Henry stated that people need to call in for inspections because it is important that people get that assessment and that they use a state inspector that has been trained under the Federal Alliance for Safe Homes. Homeowners will be given a state certified form that can be used for permits and insurance companies. Theresa Meyer if asked information could be obtained about the program and how it is publicized. Ms. Mandell answered that it is through the My Safe Florida Home

website. Mr. Henry stated that it is advertised through the State of Florida by way of billboards and commercials. There was discussion of posting a link about the program on Hillsborough County and City of Tampa websites.

b. Update of Previous Projects

Paul Ford, Tampa General Hospital, thanked Ms. Mandell, among others, stating that Tampa General has been awarded a 3.2 million FEMA grant for wind mitigation.

c. LDC Modification

Eugene Henry gave an overview of changes and proposed changes to the Land Development Code. He spoke on modified land development codes which will assist with response to fires. He stated that every single-family subdivision with 10 or more homes is to have at least two access points. There are some constraints within a wilderness area where there are not two access points on the same road.

Also discussed were emergency cottages. There are uses that allow emergency cottages. Setbacks were waived from almost all zoning districts. Mr. Henry stated that if Hillsborough County is hit by a major hurricane, the County will be able to put anywhere between a 600 to 900 sq. ft. buildings, certified annually on a lot with tie downs and sewer and water connections, etc. In 2008 there are plans to move forward with the commercial side.

Assistance and some legal issues were discussed at length. Additionally, Mr. Henry identified, that as a group, it is important to have a letter of support, as

whether to build back to build back policies or perpetuate (rebuild as is) the planning current to the storm event. David Glicksburg stated that he thought the group might want to try to build back to the standards of the new community plan that the community has adopted for themselves. He stated that there will always be individual instances where there is a hardship or some reason not thought of.

Moris Cabezas suggested that before the group votes, that they review the issues. He stated that he is not prepared to vote one way or another. He said that an option would be to table the issues until the next meeting or perhaps have more time to review those issues and communicate their decision by email. Mr. Henry stated that there is only one issue – do you build back without any recognition to an adopted community plan, or do you build back to the exact footprint, due to an act of nature.

Following discussion, motion was made by Morris Cabezas to rebuild the structure to the new standards with the understanding that there may be some issues and variances required that can be added to the letter of support. Seconded by Paul Ford and carried.

III. Administrative Items

a. HB1359 – Hurricane Evacuation

Betti Johnson stated that how they interpret the new Legislation is that the changes in Coastal High Hazard Areas (CHHA) are not necessarily as significant in terms of how they thought it would be in implementing those changes. She said that the

policies in the comprehensive plans that dealt with CHHA as it was defined in evacuation level A for category 1 evacuation zone are the same except that now, the boundary has been tightened to the area below the elevation of the category 1 storm surge line as established by a Sea, Lake and Overland Surges from Hurricanes (SLOSH) computerized storm surge model. Some communities in Pinellas County recognize the change in the definition of the CHHA and they have identified that on their Future Land Use Maps (FLUM), and have adopted a coastal storm area which is the CHHA but is defined by parcel. If that line comes through a parcel 20% or more, that parcel is considered within that CHHA. She stated they also included all their barrier island properties as well because some of those areas were not included in the CHHA. In terms of adopting a LOS for Category 5 hurricane evacuation clearance time, according to their 2006 study the clearance time for regional evaluation for Category 5 is 55 hrs. Pinellas County is planning to adopt a clearance time of 24 hrs. The Hurricane Center stated that they could confidently give 24 hours warning that a storm will affect their area within approx 100 miles. It was decided that rather than adopt the 55 hour evacuation time; they would adopt 24 hours. Also, in their policy is that their mitigation is going to go straight to shelter and retrofit. She stated that before July 1, 2008 all the communities have to make sure all the comp plans reflect the new definition of CHHA, show that on the FLUM, adopt a LOS for Category 5 out-of-county evacuation level of service, and then develop some kind of mitigation plan. Ms. Mandell stated that Hillsborough County has to have their comp plan amendment language ready by September 1.

b. Gather/Fugate PDRP Survey

Gene Henry stated that there is a state working group on coastal disaster redevelopment and the state has embarked upon a 3-year pilot program through the Florida Department of Community Affairs to develop a model post disaster redevelopment plan. He stated that at this point in time “we” are trying to assess the coastal communities and trying to identify what is going on out there. The survey is trying to get the LMS Committees to respond back with some level of input.

c. Upcoming Redevelopment Task Force Tabletop

Mr. Zambito reported that next Thursday at 9 am at the EOC the second annual Post Disaster Redevelopment exercise tabletop. He said that at last year’s exercise they discussed how to prioritize countywide redevelopment efforts, how to deal with infrastructure issues and brought the group together and decided as a group on what the goals and objectives are. He stated that this year they will simulate Category 4 storms coming into north Manatee County and focus on this one community -- how would you bring it back, what issues would there be and how to get into possibly moving town centers, possibly changing densities, and possibly putting infrastructures in slightly different places. Also, there was thinking about changing this from sitting in a classroom at the EOC to doing a bus tour to look at the communities and see first hand the areas at risk, possibly having engineers discussing what is the reality of this coming back, and a representative for the Florida Interfaith Interagency for Networking in Disasters (FIIND), if we can get her to participate, showing housing, recovery and health issues. Mr. Zambito

reported that the New York Times had a good article about what issues New Orleans is having without a good hospital and medical sector and how it is hampering all the rest of their recovery efforts. He invited the group to attend the exercise.

d. Mitigation Training

Ms. Mandell stated that mitigation training is scheduled tomorrow and Thursday at the EOC and participants can sign up via the www.floridadisaster.org training to be approved. She stated that if anyone needed 12 hours for their CFM they should apply. Gene Henry suggested that people could also call Mike Trimpert.

e. Press Release Requesting LMS Input

Ms. Mandell stated that she updated last year's advertisement and gave it to the Stacy Williams in Communications who issued a press release. She also gave the ad to the Office of Neighborhood Relations people who plan to include it in their newsletter that goes out to all the neighborhood associations, asking for input into the strategy.

Ms. Mandell informed the Committee of a Hurricane Preparedness Kit available at Sam's Club for \$89.00 with a shelf life of two years. The kit has 285 items, including 90 meals and a water purifier.

Subcommittee Reports

f. Government/Public Agencies

No report was given.

g. Private/Quasi-Public Groups

Mr. Zambito, speaking on behalf of Susan Mueller, stated there that the business sector is one where there has not been a lot of input in the past. (They) have met with Gene Gray, Economic Development Director, the Small Business Information Center, and Holly Wade, who is the County's liaison for private sector continuity planning. He stated that there are a lot of efforts underway. The state had 17 Emergency Support Functions (ESF) to support emergency management activities. They have added an 18th ESF which is for business continuity. The EOC now has representatives in the operations center at the time of disaster to coordinate business response. He stated that TECO has been a big player because they have done so many exercises as well as traveling for other events they have in Polk County and the Carolinas when they get hit with winter storms. They have helped push hazard mitigation and the emergency operations center to get the critical facilities list in order. They are working with Hillsborough County's Real Estate Dept.'s GIS, the City of Tampa as well, pulling information and updating. There will be a critical facilities list that EOC and TECO have to do power restoration. There are different scenarios based on the black out, terrorism, hurricane, for their needs in getting certain circuits up. The idea being, in the near future, this system along with the EOC's incident management system in place will both be accessible.

h. Non-Profit/Volunteer/Citizen-Based Groups

Ms. Mandell stated that there is a group called the Christian Emergency Response Force, which is really a CERT group, has been approved by the State of Florida to conduct the trainer classes for their organizations. She reported that the latest

Citizen Corps grant agreement went back to the state and the state staff is hoping to route it within the next two weeks. It is anticipated that this year there will be an overlap of the two grants so that the website can be continued.

Mr. Henry spoke about a conference with the Department of Homeland Security, Florida Interfaith in Networking Disasters, which brought together people throughout the State that have actually been practicing long term redevelopment in communities. He stated that there is a committee within Hillsborough County called the HELP Committee and that Mike Trimpert is the contact person. Discussion pursued regarding funding and assistance from interfaith groups.

Additionally, discussion continued with outreach. Regarding storm surge markers outreach, Sherri Meier stated that there were some questions regarding funding and there were some suggestions about design of the markers, and the potential of painting poles to use as markers. There was discussion on the marker in Gibsonton. Ms. Mandell stated she would call Jeannie Johnson, who actually installed the sign, to get her involved. Help is needed with the design of the markers it was suggested that staff contact Sue Connel with TECO. Moris Cabezas stated that PBS&J could help with the preliminary design. Betti Johnson stated that Pinellas County is doing a similar project sponsored by Home Depot, using vertical banner depicting storm categories up to 27 feet, which they take to different Home Depots and Expos and leave them there for the day distributing information. Betti Johnson suggested touching base with Pinellas County

Communications to inquire how they went about doing this. Sherri Meier discussed using billboards, which she is certain can be donated. Mr. Henry stated he envisions the poles in all the coastal high hazard area along major intersections so you cannot escape where your risk is. Ms. Mandell was unsure if TECO would allow painting of the poles in lieu of placing signs on the poles. She said she would revisit this issue.

IV. Public Outreach and Floodplain Management Update

a. CRS Program and Outreach

Mr. Zambito gave a short summary stating they were told they are going to a “Class 5” CRS rating. They will recommend it at this point taking effect on October 1. They were also told by ISO representatives that the annual mailout would not be required this year due to the fact that they had 24 meetings and 30,000 letter mailed as part of the Map Modernization effort. However, the CRS Outreach Strategy does need to be updated.

b. Status of Flood Maps

Mr. Zambito stated that the protest and appeal period has been completed and the extra months added to that process to meet the demands. There were approximately 2000 protests and 30 appeals. FEMA now has to take all the information and anyplace where it will impact a model flood insurance study or map, redo all that. The impacted panels have to go back to the public for a 30-day review period. After that, the updated panels and data products need to be assimilated back into the overall, countywide products. Regarding a timeline, what

they consider a Letter of Final Determination or final draft of the maps would not be until March of 2008. Six months from then would be when the maps become effective. Mr. Zambito stated that in general terms 90% to 95% of the protests were approved.

V. Upcoming Events

a. Next Meeting

To be determined

VI. Adjournment

Meeting adjourned.

**Local Mitigation Strategy Working Group
Agenda for October 31, 2007
NetPark, 5701 E. Hillsborough Ave
(Building Services Division Board Room, Suite 1140)**

Membership/Introductions

New Members

II. Old Business

- a. Update on LDC Modification
- b. Update on Level of Service – Comprehensive Plan Amendments
- c. Report on Redevelopment Task Force Tabletop

III. Administrative Items

- a. Election of Chairman and Vice-Chairman
- b. Mail out for Severe Repetitive Loss and Repetitive Loss Properties
- c. Pending Grant Cycles for Flood Mitigation Assistance and Repetitive Flood Claims – November 1, 2007
- d. Required Annual Update for January 2008
 - New Projects: Tampa General Hospital Water/Electric Project, St. Joseph's Hospital, New Emergency Operations Center, Outreach, and additional projects that may be brought forward
 - Status of Projects and Completed Projects

IV. Subcommittee Reports

- a. Government/Public Agencies
- b. Private/Quasi-Public Groups
 - Update on Storm Surge Signs
- c. Non-Profit/Volunteer/Citizen-Based Groups
 - Any info on CCC, CERT, Neighborhood Relations, Red Cross, etc.

V. Public Outreach and Floodplain Management Update

VI. Upcoming Events

- a. Next Meeting
- b. LMS Update 2009

LDC Modifications

1. Temporary non-residential structure while rebuilding.
2. Permanent rebuilding in community plan areas.
3. Disaster relief communities:
 - a. Requested by FEMA, etc.
 - b. Urban Service Area (USA) only
 - c. Required to extend utilities if possible (package plants as last resort)
 - d. Maximum density of 12 units per acre and number of units (total) regardless of zoning or comp plan.
4. Level of service for shelters and evacuation times

Comp Plan Amendments

Policy 11.10:

New development, and redevelopment, is required to demonstrate available shelter space and evacuation clearance time capacity and/or fully mitigate its impact on these standards, as determined by Hillsborough County.

[Staff Recommended]

Policy 11.11:

Hillsborough County shall encourage developments/businesses to prepare and maintain disaster contingency plans.

[Staff Recommended]

Policy 11.12:

By 2009, Hillsborough County shall evaluate and update, as necessary, regulations associated with hazard mitigation in an effort to ensure all areas of the County at risk are adequately addressed.

[Staff Recommended]

Policy 11.13

Consistent with recommendations of the Governor's Coastal High Hazard Study Committee report of February 1, 2006, Hillsborough County shall pursue the notification to residents and businesses of their evacuation and flood zone through real estate transactions.

[Staff Recommended]

Policy 11.14:

Hillsborough County shall implement the Local Mitigation Strategy (LMS) Report, and hereby incorporates this report into the Comprehensive Plan by reference.

(Staff Recommended)

Policy 11.15:

Hillsborough County's Level of Service for out-of-county hurricane evacuation (Intra-State Movements) for a category 5 storm is 28 hours - consistent with the Tampa Bay Region, Hurricane Evacuation Study 2006, Tampa Bay Regional Planning Council, September 2006.

Energy Hill Renovation Justification

The primary switch gear serving Tampa General Hospital is located near the entrance ramp and sits 11 feet 9 inches above sea level. The level of the water for a category three hurricane reaches approximately 27 feet above sea level. This is why it would be in the hospitals and patients best interest to relocate the switch gear to a location above that line.

There are two large advantages from the relocation of the switch gear. First, in the event of water exceeding the 12foot mark, the hospital would maintain normal power and therefore not be required to utilize its generator capacity. Secondly, if the water should reach the height to flood the TECO substations that provide normal power to the hospital, the hospital would not need to refurbish and test the gear prior to reenergizing after TECO had made repairs and put its substations back in operation.

The Renovation would be split into three parts:

• Design	\$1.65 M
• Underground construction	\$3.85 M
• Switch gear construction	<u>\$5.5 M</u>
Total	\$11 M

The design will include the incorporation of the existing underground primary electrical system and the phasing required to maintain power to the hospital throughout the renovation. The underground construction includes the modification of the existing system to relocate Energy Hill from its present location to a spot on or adjacent to the central energy plant (CEP) roof. The switch gear construction portion will include the modification or addition to the CEP roof in order to mount the new switchgear.

Figure 5

PROJECT EVALUATION WORKSHEET

Project Description:	(city hall/fire station/lift station, etc.)
Proposed Mitigation Measure:	(window protection/elevation, etc)
Submitted By:	(municipality/agency/department_etc.)

Criteria	Yes/No
The proposed measure is warranted by the countywide vulnerability analysis?	
If accomplished, the measure would enhance essential/critical services?	
The project is not in conflict with Growth-Management or Floodplain Management Plans?	
The measure is not a short-term improvement?	
The measure is consistent with Local Mitigation Strategy's goal and objectives?	
More than one Local Mitigation Strategy objective is met?	
It meets goals and objectives of the Comprehensive Emergency Management Plan?	
Benefit exceeds cost?	
The owner(s) is committed to the project and will match funds as necessary?	

Selection of a project will be based upon its priority. The following illustrates the manner in which a priority is obtained: 8-9 items answered yes equals a "Priority" of 1; 6-7 items answered yes equals a "Priority" of 2; and 4-5 items answered yes equals a "Priority" of 3.



SECTION VII LMS PLAN MAINTENANCE

A. PLAN MAINTENANCE PROCESS

The Local Mitigation Strategy Working Group will meet quarterly to review the Local Mitigation Strategy and will submit annual updates to the Division of Emergency Management, Department of

Community Affairs no later than the last work day of each January as required by 9G-22.004 (4)(e).

At a minimum, updates shall address:

1. Changes to the hazard assessment;
2. Changes to the project priority list;
3. Changes to the critical facilities list;
4. Changes to the repetitive loss list; and
5. Revision to any maps.

Specific sections updated annually include the list of critical facilities and the repetitive flood loss property list. Each jurisdiction will be responsible for submitting this information to the Chairman of the LMS Working Group no later than December 31st of each year. The LMS Working Group will meet prior to each publication of this document, *The Hillsborough County Local Mitigation Strategy*, but at least quarterly to review, update and revise the LMS as well as the evaluation criteria used in the review process. The annual review would be most effective if held in the spring of each year prior to the beginning of hurricane season, June 1st. In addition, a special meeting of the committee should be convened immediately after any significant event such as a hurricane, destructive tornado, severe hazardous materials spill or any other occurrence where mitigation could benefit the community.

The plan maintenance is part of a continuing assessment performed by local governments of current policies, programs and plans as part of the adopted growth management initiatives, floodplain management strategies and countywide emergency management plans. Any updates to the critical facilities, repetitive flood loss or hazards analysis will be reflected on all maps as required.

B. MONITORING, EVALUATING AND UPDATING THE LMS

The LMS Working Group (LMSWG) will review, update and revise the LMS as well as the evaluation criteria used in the review process and submit to FEMA every five years as required by 44 CFR §201.6(c)(4)(i). Results of the committee's actions will then be distributed to all parties affected by the LMS coordinator. Every five years, or after any significant change, the strategy will be resubmitted to the Hillsborough County Board of County Commissioners, the City of Tampa Board of Commissioners, the City of Plant

City Board of Commissioners and the Temple Terrace Board of Commissioners for re-adoption.

The evaluation criteria should include:

1. Have there been any new mandates from federal, state, or local agencies that require changes to the Local Mitigation Strategy? Any new or changing laws, policies or regulations?
2. Are there any societal developments or significant changes in the community that must be added to the current LMS? Does the LMS still reflect the concerns of the community? Are the demographics the same? Has there been any growth or development in hazard areas?
3. Have there been any changes in funding sources or requirements?
4. Are there any recent technological developments that should be reviewed for inclusion in the LMS document?
5. Should the LMS be updated to include any new forms of hazards or areas of vulnerability within our community?
6. Have there been any changes in the Comprehensive Plan or any other form of standard operating procedure?
7. Have any of the mitigation opportunities been implemented? Are the priorities for implementation the same?
8. What are the recommendations or lessons learned from any major incidents that have occurred during the past year?

When it convenes, the LMS Working Group should first address each of the points in the evaluation criteria to determine if they are still valid and make any adjustments found necessary. When satisfied that the criteria are appropriate, the committee will then compare each of the outstanding mitigation opportunities against the criteria. All existing mitigation opportunities that are determined to still be viable projects will be left standing. All those that are determined to be no longer workable will be set aside for further review and revision or, dropped as no longer feasible. Those projects which have been completed will be identified and included in the Mitigation Accomplishments list.

The community will continue public participation in the plan maintenance process by noticing LMSWG meetings on the County's events calendar and by sending notices to the LMSWG members with date, time and location of meeting. Information regarding the LMS will be furnished at home shows, town hall meetings, on the City and County Planning and Growth Management Department and regional planning council and The Planning Commission websites. The private and community layers of the LMSWG will also disseminate information at neighborhood meetings, CERT training and other outreach activities available.

of storm shutters and shatterproof glass or windows that are rated for the design speed of the site. Improving the way roofs are attached to the walls (i.e. using gable end bracing on frame gables, nail patterns, roof sheathing, hurricane straps, etc.) can keep roofs from lifting up in hurricane-force winds.

B. EVALUATION CRITERIA

The Local Mitigation Strategy Working Group (Group) considers all projects that focus on mitigating losses created by natural or man-made disasters. Priorities are given to those projects that first demonstrate the use of mitigating techniques that are (1) cost-beneficial, (2) technically feasible and (3) environmentally sound.

Based on the detailed hazard identification and vulnerability analysis (See Risk Assessment, Section IV), the LMS Working Group has the ability to assess the potential risk of the hazard and the cost benefit associated with mitigating the impacts of a specific hazard. Although this criteria has the same weight as other listed criteria, it provides the Group with the ability to perform an internal review of similar projects associated with their respective jurisdiction and possible inclusion into respective Comprehensive and Capital Improvement Plans.

It should be emphasized that Hillsborough County is a large and diverse county. There are significant demographic and geographic differences from one area of the county to the next. Hazard mitigation needs are therefore expected to vary among the four jurisdictions. Priorities within one community may not necessarily reflect the priorities of another community. Through the evolution of the Local Mitigation Strategy planning process developed provides an internal system to prioritize projects and identify lead agencies responsible for a project's implementation.

The process illustrated provides an operational framework in which the Local Mitigation Working Group will prioritize mitigation projects.

The one factor that has not been identified prior to this Section is the Social Cost-Benefit Factor. This is a factor that illustrates a cost-benefit based upon population that will benefit from the study, improvement or facility. This benefit is then multiplied with the "Risk Factor" identified under the Risk Assessment Section of this report. The equation is a hybrid of that provided by the State for use within the 1998/99 Flood Mitigation Assistance grant program. The Local Mitigation Strategy Working Group's model/equation is as follows:

- A = Risk Factor that is obtained from the table within the Risk Assessment Section (see page IV-10 of this report)
- B = Population in the Community to Benefit from the Project
- C = Total Community Population
- X = Social Cost-Benefit Factor

Equation: $X = (A) * (B/C)$

Example: A drainage Project within the City of Temple Terrace to resolve an area flooding issue. The Risk Factor that is obtained from within the Risk Assessment Table for Flooding is "6". The Temple Terrace Population is 20,210 plus there is an additional

population outside of the city limits that would be affected of 7,790. Total Affected Project Population is 28,000

$$X = A * (B/C)$$

1. $(6) * (1.385) = 8.31$
2. $X = 8.31$



**A MAJOR
HURRICANE STORM
SURGE COULD BRING
WATER THIS HIGH**

Have a Plan

**FOR INFORMATION
813-272-5900**

**Local Mitigation Strategy
Working Group Meeting
October 31, 2007
NetPark Board Room**

I. Membership/Introductions

David Glicksberg, LMS Chairman for this year, welcomed the group.

Others present:

Ramon E. Monreal	City of Plant City
Alberto Cabrera	Phoenix Architectural Products, Inc.
Pete Johnson	Resident of Hillsborough County
Sherry Meier	Centurion Security Screen Co.
Michael Burwell	City of Tampa Stormwater
Linda Mandell	Hillsborough County Hazard Mitigation
Steve Castonguay	Hillsborough County Health Department
Chris Zambito	Hillsborough County Hazard Mitigation
Eugene Henry	Hillsborough County Hazard Mitigation
Steve Porter	Hillsborough County Emergency Management
Ken Lange	Tampa General Hospital
Ed Brill	Hillsborough County Code Enforcement
David Glicksberg	Hillsborough County Stormwater
Paul Ford	Tampa General Hospital
Willie Puz	Hillsborough County Communications Department
Junshan Su	Hillsborough County Public Works Department

II. Old Business

a. Update on LDC Modification

Mr. Henry gave a brief history of the 2006 fires in South County. Land Development Code (LDC) was changed to require access into wilderness area if there is not dual access to subdivision. Also, in response to 2004 hurricane season, allowed for individual after a disaster after emergency declaration to locate an emergency cottage on your lot during the rebuilding process. This came from the Post-Disaster Redevelopment Committee (PDRC). The PDRC met for the first time in 13 years in 2006. This year the PDRC will address the commercial and medical. The Health Dept. wants the ability to put a medical clinic in the midst of a disaster area. Also, PDRC will be looking at long-term redevelopment housing communities. The current LDC allows building back to the current footprint after a disaster. This perpetuates the current pattern for another 30 years. Hillsborough County will change the code to say that if it is a declared disaster (local, state or federal), requirement will be to build back to the intent of the LDC as it is written.

b. Update on Level of Service

The level of service (LOS) standard for hurricane evacuation and shelter space is a requirement of HB 1359. Hillsborough County has proposed a mitigation offset. Reported that there is some reconciliation issues between the school board and the county in imposing these offsets and Ms. Mandell is working with that. Mr. Henry discussed the difference between the coastal high hazard area and the coastal planning area and how the mitigation offset is imposed. The offset will be codified in the LDC by July 2008. This will be difficult since we have not figured out how to impose the mitigation offset on transportation. Hillsborough County is about to receive funding from the state from HMGP for planning. It is a three-year program for formulating a Post-Disaster Redevelopment Plan. Mr. Henry went on to discuss the issues the county would face after a disaster. Mr. Castonguay asked about the definition of a declared disaster as it relates to local, state, or federal and a discussion regarding transportation ensued. There was also a discussion about how the current mitigation offset is imposed now for the shelters. The plan for evacuation routes is to move off the main roads and use the collector and arterial roads within the county. The out-of-county evacuation time is 54.5. That time is not reasonable because an evacuation would have to be ordered when the storm was still south of Cuba. We have a blown level of service (28 hours) because our own study shows that we need 54.5 hours for an out-of-county evacuation. The LOS must be adopted by July 1, 2008 or it will default to 16 hours.

Mr. Henry reported that they are just waiting word from the state on the grant. It will be about a \$75,000 grant and the Planning Commission, City of Tampa and Hillsborough County will have to come up with a \$25,000 match. There was further discussion on how the State arrived at 16 hours for the level-of-service. Department of Community Affairs (DCA) established a three-year program to work with pilot communities. Mr. Henry explained that there will be a meeting with the LMSWG, the mayor and others. Mr. Zambito stated that after the wildfires in California that the state and federal governments have decided that land use is a local responsibility and that they do not want to continue to get blamed for spending money on people who build in risky areas. Because of this the planning we are doing now will be getting more attention in the near future.

c. Report on Redevelopment Task Force Tabletop

Mr. Zambito reviewed the meeting of PDRC meeting on the Hartline bus tour of South County. There is a scope that includes housing, economic recovery and development, infrastructure, and all the health and social services.

III. Administrative Items

a. Election of Chairman and Vice-Chairman

Volunteers were requested. Mr. Henry nominated Mr. Burwell for chairman. Mr. Henry explained the requirements of the Florida Administrative Code as it relates to the Local Mitigation Strategy. Mr. Henry also discussed the history of the LMSWG. Mr. Henry changed his nomination and requested that Mr. Burwell consider either chairman or vice-chairman, whichever he wanted to be. Mr. Glicksberg asked that the LMSWG decide on the chairman first and asked for other nominations. Ms. Mandell nominated Mr. Porter, who declined the nomination. Mr. Zambito nominated Mr. Ford. Ms. Mandell seconded. Mr. Burwell accepted the nomination for vice-chairman. Ms. Mandell seconded. They were elected unanimously.

b. Mail Out for Severe Repetitive Loss and Repetitive Loss Properties

Ms. Mandell explained that this is an annual mailout to all the repetitive flood loss properties. The problem is that by the time the homeowner responds and with the amount of preparation required in order to do a grant application, it is usually the next year before they can be submitted. There is one homeowner that Ms. Mandell has been working with for three years because he wants to participate in the Severe Repetitive Loss grant when it gets funded. It is a 90% of the cost is Federal - 10% is the owner and the other grants are 75% of the cost is Federal-25% is the owner. Mr. Zambito requested that Ms. Mandell check with the CRS coordinators for Hillsborough County and the City of Tampa so that verbiage to meet CRS guidelines can be included.

c. Pending Grant Cycles

Ms. Mandell announced that the Pre-Disaster Mitigation (PDM) and Repetitive Flood Claims grant programs will open on November 1, 2007. However, she cautioned that the deadlines on the federal websites are the deadlines for the states to submit to FEMA and that the local governments have to wait to hear from the state when the state deadline will occur. These grants always have a short timeline. Ms. Mandell gave a brief overview of the previous eligible activities. There are 208 repetitive loss properties in unincorporated Hillsborough County and 24 of those are classified as severe. There was a discussion of the benefit-cost analysis process.

Mr. Henry asked if there were any projects that the LMSWG would want to compete for PDM. Ms. Meier asked if anyone had ever applied for a USDA grant. Mr. Henry stated that the county put in for a grant for the stream gauges but the state would not fund those types of projects. Ms. Mandell offered that there is a group that consistently applies and is awarded USDA grants for Self-Help Housing. Ms. Meier said that the City of Brooksville is using a USDA grant to harden a building. Mr. Henry discussed previous grants and a discussion ensued regarding the how grant information is accessed. Mr. Henry explained

that Miami gets state legislative funds each year and requested that the new chairman encourage more collaboration amongst the LMSWG members to see if there are other projects besides just hardening structures and be ready to present to the legislative delegation when they come down on their annual trip.

Ms. Mandell reminded the group that there had been some discussion of attending one of the Miami-Dade LMS meetings. She will contact Frank Reddish, the LMS Coordinator for Miami-Dade, for his meeting schedule.

Mr. Glicksberg asked who administered the PDM grant and it was explained that it was administered by the Feds through the Florida Division of Emergency Management. It is nationally competitive and the state usually identifies five projects to forward to the national competition.

Mr. Johnson asked if this committee would have any ability/authority to require that a wastewater certificate operator and drinking water certificate operators to carry identification. Mr. Porter said that is what everyone is told. Mr. Henry explained that is a function of the EOC. Mr. Johnson went on to say that the operators do not have the identification. Mr. Henry explained that is more detailed that the LMSWG is going to get, but that is a function of the EOC who has a reentry plan that they work with police and law enforcement. Mr. Porter said that what they could do is require that if the operator did not have the correct identification, that they would be turned away. Mr. Porter pointed out that the EOC cannot legislate what kind of identification a company furnishes their employees, but that it would not be a smart business decision to not give them the proper identification. TECO is aware of this and linemen coming in from other states have to show proof that they are who they say they are.

d. Required Annual Update for January 2008

Ms. Mandell reported that the Hazard Mitigation Section is moving forward for the December 5, 2007 BOCC meeting for the LMS annual update. If unable to make the deadline for December 5, then the next meeting opportunity is January 3, 2008, which is looking more and more likely. Plant City has forwarded the update to their projects on completion, etc. Mr. Burwell has someone working on the City of Tampa projects and Mr. Glicksberg submitted one update. Ms. Mandell will have to determine who else in the county should be contacted to update the projects in Hillsborough County. Mr. Glicksberg reported that he never got an answer from the state regarding the Hillsborough Community College project for which they were requesting a letter from the Hillsborough County LMS Chairman. There was a discussion on this project.

Ms. Mandell said that she might be emailing members of the group for updates on projects. Mr. Porter announced that starting February 2008 the EOC will be under major renovation and that we might want to look around for other meeting places. Mr. Ford commented that there is a large meeting schedule planned by

Tampa General Hospital for 2008. There is a conference center at Netpark that can be rented. Mr. Henry also pointed out that there is the Building Services Division board room. Mr. Glicksberg told Mr. Ford about the conference rooms on the 26th floor of County Center. Mr. Porter said that they hoped to have the renovations completed by the start of the 2008 hurricane season.

Mr. Ford reported that Tampa General Hospital plans to move their electrical from where it comes in from TECO because they can lose power with minimal flooding and have to go on emergency generators. At the last drill, they were shocked to find out about the fuel going away and so the plans that they had for barges and fuel now are probably not real. Mr. Porter said that if Tampa is hit, the port could be closed for months.

Mr. Ford introduced Ken Lange, electrical engineer with Tampa General Hospital. Mr. Lange put together a proposal on how the electric could be relocated in the hospital and Mr. Ford has begun the benefit-cost analysis and they will proceed through the grant process. This is an \$11 million dollar project, but it is completely moving the power from the ground floor to the third floor. Mr. Ford showed a copy of FEMA's newest design guide for hospitals and healthcare and it includes pictures of TGH in two places. The ER is now on the third floor and is all designed and completely hardened from the foundation to the windows. Mr. Ford invited the group for a tour. The ER has been ranked as one of the top three in the United States for a terrorist event and is the only one that has been designed after US One. Congress wanted to build their own emergency room for Congress if there was a terrorist event in Washington, so they commissioned a study. TGH flew those people down to Tampa once they started construction on the ER and this is the only ER that has been completed using the principles of US One.

There was a discussion about the procedure on how the LMSWG has added projects to the list previously. Ms. Mandell reviewed the plan maintenance and evaluation criteria included in the agenda packet and reminded the group that the five-year update will be due in 2009. There will be a firm date on when the five-year update is due at the March 2008 meeting. The annual update is due at the state before January 31, 2008 and is in process. There was a discussion of putting for an FMA Planning grant to help with the five-year update.

Mr. Glicksberg asked for a motion to add the following projects to the LMS project list: Tampa General Hospital Water/Electric Project, St. Joseph's Hospital, and the new Hillsborough County Emergency Operations Center. Ms. Mandell made the motion and it was seconded by Mr. Glicksberg. It was passed unanimously.

There was a discussion regarding the storm surge signs and adding them to the project list. There was further discussion about sign fabrication, mounting, and locations. Mr. Porter reported that Ron Anderson from the Florida Department of

Transportation will not allow any signs in the state right-of-way. He also reported that he is trying work with TECO to install the signs and allow for use of their poles. Mr. Johnson reported that he is talking with ELAPP who has property facing US 41. Ms. Mandell reported regarding the meeting Public Works and their agreement to fabricate the signs. There was a discussion about the original sign that was erected by the Concerned Citizens of Gibsonton. The sign size has been reduced to 2.5' x 3'.

Mr. Glicksberg asked for a motion to add the signs to the project list. Ms. Mandell made the motion and it was seconded by Mr. Burwell. The motion passed unanimously.

Mr. Zambito asked about the mounting height of the signs. Mr. Porter suggested mounting between a category three and four storm surge because it's 18' or 22'. The sign says major hurricane, so it doesn't matter. Chief Jones from the City of Tampa Fire Department was contacted and he is in favor of the signs and will take it forward in the city. Mr. Burwell commented that the idea has been shot down and killed a couple of times in the city. The Hillsborough County Facilities Director has also agreed to put a banner on County Center, but we will have to obtain a sign permit from the City of Tampa. Mr. Henry just cautioned that we should make it realistic.

Mr. Glicksberg reported that there was a meeting regarding the Duck Pond project a couple of weeks ago with DEM and FEMA and he thinks that they are waiting for the county to get the environmental resource permits. That probably won't happen until sometime in the early spring or summer because the design is not that far along. The city and county are not at the same stages and FEMA wants the project design complete prior to construction.

Tampa General has almost completed \$1million of work on their HMGP contract. Mr. Monreal reported on the progress of the Plant City project and funding from FEMA.

Subcommittee Reports

- a. Government/Public Agencies
- b. Private/Quasi-Public Groups
 - i. Update from Committee Chair
- c. Non-Profit/Volunteer/Citizen Based Groups

IV. Public Outreach and Floodplain Management Update

- a. Outreach Events for Year

Mr. Henry discussed the updating of maps. Hillsborough County just received their updated maps from the protest and appeals and Dr. Su is working very closely with that. As soon as these flood insurance rate maps are finished, there

will be updates. There was a discussion on updating the model and land use changes. In development, the flood hazard maps become a little like a zoning map and is changed as the development is approved.

Mr. Zambito reported that the new maps will be effective next September. The letter of final determination will be provided to the county in the spring of 2008 and that means that FEMA is not going to do additional modifications to the map. The maps are available online.

V. Upcoming Events

a. Next Meeting

Ms. Mandell will check the calendar for the last two weeks in March 2008 and send a scheduler.

VI. Adjournment

Mr. Glicksberg adjourned the meeting.

Local Mitigation Strategy Working Group Meeting
October 31, 2007

NAME	AFFILIATION	PHONE	EMAIL
RAMON E. MONREAL	CITY OF PLANT CITY, FL.	813-767-6375	rmonreal@plantcity.gov
ALBERTO A. CABRERA	PHOENIX ARCHITECTURAL PRODUCTS INC	305-409-0255	acabrera@phoenixwindows.com
Pete Johnson	Resident of Hillsborough County	813-691-3693	
Sherri Meier	Centurion Security Screen Co.	678-429-2820	Sherri.Meier@centurionscreens.com
STEVEN CASTONGUAY	Hills City HEALTH Dept	813-307-8015	on file
Linda Mandell	Hills City - PSM	276-8245	on file
Michael Burwell	City of Tampa	274-7864	on file
Chris Zambito	Hills City Hazard Mitigation	307-4510	zambito@hills...
Pa Hendry	" "	307-4591	on file
STEVE PORTER	HILLS Co. Emer. Mgr	236-3800	porters@hillsboroate.
Paul Ford	Tampa Crew	844-7349	pford@TGM.org
KEN LANGE	TAMPA GEN	844-7759	KLANGE@TGM.org
David Glicksberg	Hills Co. PWD	307-1786	glicksbergd@hillsboroughcounty.org
Ed Brill	HILLS CO - CODE ENFORCE	274-6644	BRILL@HILLS...
Willie Fuz	HC - Communications	307-8379	Fuz@HILLS...
JUNSHAN SU	Hills Co. PWD	307 1776	suji@hillsboroughcounty.org

**Local Mitigation Strategy Working Group
Agenda for June 25, 2008
Netpark, 5701 E. Hillsborough Avenue
(Building Services Division Board Room, Suite 1140)**

I. Membership/Introductions

II. Old Business

- a. Update on Comp Plan Amendment Ref: HB1359
- b. Update on Land Development Code Text Amendments
- c. Update on PDRP Pilot Program

III. Administrative Items

- a. Volunteers for PDRP Technical Assistance Committees (TAC)
- b. 404 Funds to Strengthen Bridges; Sewer System in Ruskin
- c. Addition to LMS Project List

IV. Subcommittee Reports

- a. Government/Public Agencies
- b. Private/Quasi-Public Groups
- c. Non-Profit/Volunteer/Citizen-Based Groups

V. Public Outreach

VI. Upcoming Events

- a. Next Meeting Date
- b. Meeting for Pilot Program for LMS, Stakeholders, CC, etc. for PDRP Working Groups – July 30 at 10 a.m. Location to be confirmed.

**Local Mitigation Strategy Working Group
Minutes for June 25, 2008
Netpark, 5701 E. Hillsborough Avenue
(Building Services Division Board Room, Suite 1140)**

I. Membership/Introductions

The meeting was called to order by Paul Ford at 2 p.m. Michael Burwell made a motion to approve the minutes as submitted and Steve Castonguay seconded the motion.

Members present were:

James D. Adcock	TECO
Towanda Anthony	City of Tampa
Mack Austin	HC Emergency Management Dept.
Luiz Bisacchi	HC Public Works Dept.
Ed Brill	HC Code Enforcement Dept.
Michael Burwell	City of Tampa
Steven Castonguay	HC Health Dept.
Paul Ford	Tampa General Hospital
Pete Johnson	HC Resident
Linda Mandell	HC Planning & Growth Management Dept.
Susan Mueller	TECO
Stacy Williams	HC Communications Dept.
Chris Zambito	Dewberry

II. Old Business

a. Update on Comp Plan Amendment Ref: HB1359

Linda Mandell reported that the Florida Department of Community Affairs (FDCA) had an objection to the level-of-service (LOS) proposed in the Comp Plan Amendment. The Planning Commission staff, county attorney staff and Hazard Mitigation staff worked with the FDCA to reach a compromise and the amendment was approved by the BOCC on June 5, 2008. It will take effect later in August after the appeal period.

b. Update on Land Development Code Text Amendments

Linda Mandell reported that the county attorney staff recommended continuing the Land Development Code text amendment relating the LOS to the second round of 2008 in order to be assured that the Comp Plan Amendment would be approved by FDCA.

Ms. Mandell also reported that several changes to the LDC were already in affect that would allow FEMA trailers or “Katrina Cottages” to be placed next to damaged structures during the rebuilding process. A discussion ensued regarding the formaldehyde issue and Pete Johnson told the group that he used to work for a trailer manufacturer and that you could get rid of the formaldehyde by placing an open container of ammonia in the trailer overnight.

c. Update on Post-Disaster Redevelopment Program (PDRP)

The group discussed the PDRP and the schedule. Linda Mandell reported on the June 12 Leadership Kick-off meeting and Stacy Williams reported that four public meetings are being planned in the January 2009 timeframe. A website is being developed and will be available prior to the July 30 Stakeholder Kick-off Meeting. A list serve will be available for persons to sign up and receive additional information and updates.

There was a general discussion of redevelopment versus recovery and discussion of how rebuilding would take place.

III. Administrative Items

a. Volunteers for PDRP Technical Assistance Committees (TAC)

LMS members were encouraged to sign-up for the different Technical Advisory Committees (TACs) which include: Public Outreach and Financial Administration, Economic Recovery, Infrastructure and Environment Restoration, Health and Social Services, Land Use Opportunities and Housing Recovery.

Steve Castonguay, vice-chair of the Health and Social Services TAC recommended that CEO’s and VP’s from the healthcare system be included on the Health & Social Services (HSS) TAC because they would be in a position to make decisions and understand the healthcare system, medicare, etc.

b. 404 Funds to Strengthen Bridges; Sewer System in Ruskin

This item was continued to the next meeting.

c. Addition to LMS Project List

Mack Austin from the Emergency Operations Center requested that an Emergency Management

Disaster Development Site be added to the LMS project list. The State has tasked Hillsborough County to set a county staging area for county agencies and other agencies, such as American Red Cross, TECO and MacDill, both pre-and post-disaster. Mr. Austin gave some of the history of the use of the fairgrounds and the people and equipment. Michael Burwell pointed out a correction to the project worksheet. Paul Ford made a motion to add the project and Susan Mueller seconded the motion. The motion passed unanimously.

IV. Subcommittee Reports

a. Government/Public Agencies

There was a general discussion of grants. The following grants are currently open: Flood Mitigation Assistance (FMA), Repetitive Flood Claims (RFC), Pre-Disaster Mitigation (PDM). They will close in November. Hazard Mitigation Grant Program (HMGP) is only available after a declared disaster. The Severe Repetitive Loss (SRL) closed on May 20, but will re-open from June 27 to July 31, 2008 in hopes of getting more applications.

b. Private/Quasi-Public Groups

Tampa Electric Company (TECO), the Emergency Operations Center (EOC), and the Hillsborough County Real Estate Dept. have completed 99% of the critical facilities inventory list. Susan Mueller reported that she is still waiting for the Tampa Bay Water ranked project list.

Susan also reported that TECO is continuing to harden to meet cyber-security. Susan is participating with the Tampa Bay Regional Planning Council (TBRPC) Business Disaster Kit Committee which will be launching website to assist small business in their business continuity planning. There will also be an interactive electronic business continuity planning game.

c. Non-Profit/Volunteer/Citizen-Based Groups

d.

Paul Ford gave a report on the Hurricane Expo held at the museum of Science and Industry on May 31, 2008. It is estimated that 3,000 people attended.

Susan Mueller reported that TECO will hold their annual Emergency Management Fair on June 26, 2008 at TECO Plaza.

V. Public Outreach - None reported.

VI. Upcoming Events

a. Next Meeting Date

The next meeting date October 29, 2008 at 2:00 p.m. at the Emergency Operations Center.

b. Meeting for Pilot Program for LMS, Stakeholders, CC, etc. for PDRP Working Groups – July 30 at 10 a.m. Location to be confirmed.

Figure 5

PROJECT EVALUATION WORKSHEET

Project Description:	(city hall/fire station/lift station, etc.)
Proposed Mitigation Measure:	(window protection/elevation, etc)
Submitted By:	(municipality/agency/department_etc_)

Criteria	Yes/No
The proposed measure is warranted by the countywide vulnerability analysis?	
If accomplished, the measure would enhance essential/critical services?	
The project is not in conflict with Growth-Management or Floodplain Management Plans?	
The measure is not a short-term improvement?	
The measure is consistent with Local Mitigation Strategy's goal and objectives?	
More than one Local Mitigation Strategy objective is met?	
It meets goals and objectives of the Comprehensive Emergency Management Plan?	
Benefit exceeds cost?	
The owner(s) is committed to the project and will match funds as necessary?	

Selection of a project will be based upon its priority. The following illustrates the manner in which a priority is obtained: 8-9 items answered yes equals a "Priority" of 1; 6-7 items answered yes equals a "Priority" of 2; and 4-5 items answered yes equals a "Priority" of 3.

**Local Mitigation Strategy Working Group
Minutes for October 29, 2008
Emergency Operations Center
2711 E. Hanna Ave.**

I. Membership/Introductions

II.

III. Approval of Minutes

IV. Old Business

V. Administrative Items

1. New members were introduced.

2. Addition to LMS Project List

3. LMS Update

VI. Reports

1. Government/Public Agencies

a. Grants

b. Site Profiler

c. CRS Committee

i. Outreach Schedule

ii. Outreach Approval Process

iii. Outreach Committee

d. Post-Disaster Redevelopment Plan

i. Ordinance and Annual Update (Agenda item anticipated for Dec. 17, 2008 BOCC Meeting)

ii. Economic Study by Tampa Bay Regional Planning Council

e. Citizen Corps Council

1. Private/Quasi-Public Groups

2. Non-Profit/Volunteer/Citizen-Based Groups

V. Public Outreach

VI. Upcoming Events

Local Mitigation Strategy Sign-In Sheet
October 29, 2008

NAME	AFFILIATION	PHONE	EMAIL
MIKE HOLTkamp	SWFWMD	352-796-7211	mike.holtkamp@swfwmd.state.fl.us
DEBRA HARRIS	CRISIS CENTER OF TAMPA BAY, INC.	813-969-4911	dharris@crisiscenter.com
CINDY KANE	CRISIS CTR OF Tpa Bay	813-989-4983	ckane@crisiscenter.com
Chris Zambito	Dewberry	813 225-1325	c.zambito@dewberry.com
Luiz A. Bisacchi	H/C Public Works	203 307 1730	Bisacchi.L@hillsboroughcounty.org
MATT Wilbur	CLERK	277 276 2029 x. 3773	
Michael Burwell	Cty of Tampa	274-7864	M. Burwell@tampabay.gov
Pete Johnson		671-3691	
Dick Palmer	St. Joseph's	554-8091	Dick.Palmer@boycare.org
Pat Ford	Tampa Bay	884-7349	PatFord@TGH.org
Denise Heady	Tampa Annex	813 274 8170	deniseheady@tampabay.net
Sherrri Meier	Hurricane Protection Ind, LLC	878-429-2828	Sherrim@HPIworldwide.com
Driver Green	TAMPA ENR	274-7553	Driver.Green@TampaBay.net
Eugene Gray	Haz. Unit	on file	ditto
Malcolm Caston	Affordable Housing Office	274-6649	castorm@hillsboroughcounty.org
ROBIN CATON	H/C CODE ENFORCEMENT	274-6664	catonr@hillsboroughcounty.org
Linda Mandell	H/C Haz Unit	276-8245	on file
Morris Cabera	DBS & J	232-7273	
STEVEN CASTONGUAY	HCHD	307-8015	on file

**Local Mitigation Strategy Working Group
Minutes for October 29, 2008
Emergency Operations Center
2711 E. Hanna Ave.**

I. Membership/Introductions The meeting was called to order by Paul Ford at 2 p.m.

Members present were:

Luiz Bisacchi	HC Public Works Dept.
Michael Burwell	City of Tampa
Moris Cabezas	PBS&J
Steven Castonguay	HC Health Dept.
Malcolm Castor	HC Affordable Housing Office
Robin Caton	HC Code Enforcement
Paul Ford	Tampa General Hospital
Randy Goers	City of Tampa
Oliver Green	City of Tampa Emergency Management
Debra Harris	Crisis Center of Tampa Bay/2-1-1
Denise Heady	Tampa MMRS
Eugene Henry	HC Planning & Growth Management Dept.
Mike Holtkamp	SWFWMD
Pete Johnson	HC Resident
Cindy Kane	Crisis Center of Tampa Bay/2-1-1
Elaine Lund	HC Planning & Growth Management Dept.
Linda Mandell	HC Planning & Growth Management Dept.
Sherrri Meier	Hurricane Protection Ind. LLC
Susan Mueller	Tampa Electric & TECO Energy
Dirk Palmer	St. Joseph's Hospital
Holley Wade	HC Emergency Management Dept.
Matt Wilbur	Clerk of the Circuit Court
Chris Zambito	Dewberry

II. Approval of Minutes

Robin Caton made a motion to approve the minutes as submitted and Michael Burwell seconded the motion. Minutes were approved as submitted.

III. Old Business

The only old business continued from the June 25, 2008 LMS meeting was a discussion regarding the use of 404 funds. Mr. Henry explained that the benefit that came from the disaster that hit the Gulf Coast was that FEMA now allows local communities to combine the long-term disaster (post-disaster) funds with the public assistance funds. What that means that if you have a bridge or a building (critical

facility) that gets wiped out public assistance funds can be used to put it back but you now have the ability to strengthen and build back to a greater standard with the post-disaster funds. You can marry two federal funds and build resiliency in your community. As the post-disaster plan is developed, this will be better identified on how to do this. There are companies, such as Dewberry, that train on how to bring those two funding sources together and there will probably be a ½ day training class brought to the County in the future.

III. Administrative Items

1. New members were introduced.
2. Addition to LMS Project List

Cindy Kane representing the Crisis Center of Tampa Bay/2-1-1 requested that the roof upgrade and protection of the building from wind damage to the Crisis Center of Tampa Bay/2-1-1 building be added to the project list. Debra Harris, Director of the Crisis Center explained the programs offered by the Crisis Center. Ms. Harris also related experiences from her deployment to the Iowa floods and the aftermath of Hurricane Ike to have members better understand the critical need to protect and secure the Crisis Center building.

Ms. Kane offered an explanation of the proposed screening project that will wrap around the building. Ms. Kane and Ms. Mandell have worked together to submit a grant application for the Pre-Disaster Mitigation grant program. However, as Ms. Mandell explained the project was not cost-beneficial. The current benefit-cost analysis (BCA) software required by FEMA has defaults for wind mitigation applications and the current module does not include screening of a building, only shutters. A new BCA software program is currently being rolled out and it is hoped that the module will now include screening projects. Ms. Mandell reported that once the new software is available she will run another BCA to see if there is a change in the benefit-cost results. There was a discussion regarding the relative cost of screening a building rather than just adding shutters. And, further discussion on the maintenance requirement of the screening.

Paul Ford asked if the project list could be reviewed. Ms. Mandell had emailed the list to all the members for review, but did not bring it to the meeting. Ms. Mandell explained the project list and that the LMSWG is in the process of updating the list. So far the only jurisdiction to respond is the City of Tampa. There was a discussion of the requirements of the LMS, the updates and the project list.

Mr. Henry discussed the original intent of the LMS (Break the Cycle) and amounts of grant funds received locally through disaster declarations. The LMSWG is written into the Comprehensive Emergency Management Plan (CEMP) and Ms. Mandell is the designated coordinator with the state. Mr. Henry further explained that if Hillsborough County was fortunate enough to receive funding from Tropical Storm Fay that the LMSWG would be pulled back together, as they were in 2004, to rank the projects for submission, perform benefit-cost analysis, and complete applications.

Mr. Paul related that by being on the list, it not only allowed Tampa General Hospital to apply for a grant from the 2004 disaster declarations but also increased the award from \$60K to \$4.2M and this was possible because their project was on the LMS project list.

The chairman called for a motion to accept the project for addition to the LMS Project List. Matt Wilbur moved that the project be added to the LMS project list. Eugene Henry seconded and the motion was unanimously approved by the members.

Mr. Ford questioned whether or not there was a process for how long a project stayed on the list, i.e. five years or forever. Currently, projects stay on the list forever. It was decided that Ms. Mandell will revise the format of the list to include separating completed, deleted/canceled, and completed projects into separate lists prior to the next meeting. Mr. Henry explained the previous shotgun approach to project listings and stated that now there is a need to prioritize what would be good for the community. Mr. Henry further explained that the priority issues that come out of the Post-Disaster Redevelopment Plan (PDRP) will be brought back to the LMSWG as priorities targeted by another planning group from the county and see if any of those play together with the LMS projects. Mr. Burwell said that the LMSWG

might want to sort them into groups or types because stormwater projects cost a lot of money. Also, this would enable the LMSWG to go to someone and show them the projects that have already been completed.

Ms. Kane questioned whether or not there were any medical issues on the project list. St. Joseph's hospital and Tampa General both have an issue and now 2111. Mr. Zambito said that in the past there was a generic line item allowing for the upgrade of critical facilities. Mr. Henry discussed other grant opportunities for critical facilities.

3. LMS Update

a. Annual – Involves taking an agenda item to the Board of County Commissioners. The process and requirements for the update are listed in 9G-22. Ms. Mandell told the group that there might not be time to separate the project list into categories for the annual update.

b. 5-year- Ms. Mandell told the group that Randy Goers is credited with getting the process started and that there has already been a meeting to discuss the 5-year update. Some of the information required for the Post-Disaster Redevelopment Plan will assist in the update of the LMS. The deadline for the update is . However, the state would like to get the update six months before the deadline for their approval process and be able to send to FEMA three months before the deadline. Because of the short timeframe, the County will send along sections of the document as they are completed rather than waiting and sending the completed document at one time.

Mr. Henry further explained the process at the local level. The document is approved by the LMSWG and then goes to the Disaster Recovery Committee for review and approval. There will also be notices requesting public comment. Mr. Ford asked for a workshop to work on the five year update. Ms. Mandell will schedule for the next meeting.

Subcommittee Reports

a. Government/Public Agencies

Ms. Mandell reported that it had been a very slow grant year. The Severe Repetitive Loss grant application submitted back in the May is still outstanding. The County attempted to submit a grant for the Crisis Center but the project was not cost-beneficial. Citizen Corps did get funded again this year. However, because of the cutbacks the award amount is only \$7,500.

The Post-Disaster Redevelopment Plan (PDRP) is being developed with a \$150,000 grant from the state and FEMA. Hillsborough County was chosen as one of five pilot communities to participate in this process. The final result will be a guide book compiled from the five plans that will be available to the rest of the state for developing post-disaster redevelopment plans. The County has to come up with a \$50,000 in-kind match. All participants in the PDRP project are tracking the time that they devote to this project. In addition, the Emergency Operations Center allocated \$39,000 from a Department of Homeland Security (DHS) grant to the project. \$24,900 of the DHS grant is being used to pay the Tampa Bay Regional Planning Council (TBRPC) for developing an Economic Impact Study based on three scenarios: category 3 and category 5 hurricanes and a wind event.

The EIC has also given us \$30,000 to install the storm surge signs. Bracken Engineering has volunteered to do the required engineering. The engineering is promised for November 1 and the signs can move forward into the procurement process. The grant has to be spent by May 2009. Mr. Henry gave the history of the storm surge signs, which were designed by PBS&J. Ms. Meier asked if there would still be a need for billboards. That will be discussed at a later date. The signs have been approved by the Hillsborough County Executive Committee and the Board of County Commissioners.

Randy Goers explained that Site Profiler is a risk analysis tool that the Tampa UASI group has been using for several years. After 911 the City of Tampa came up with a huge list of requirements for protecting the City. This process led to the City working with the Department of Justice to become a pilot community for Site Profiler.

b. Private/Quasi-Public Groups

Tampa Electric Company (TECO), the Emergency Operations Center (EOC), and the Hillsborough County Real Estate Dept. have completed 99% of the critical facilities inventory list. Susan Mueller reported that she is still waiting for the Tampa Bay Water ranked project list.

Susan also reported that TECO is continuing to harden to meet cyber-security. Susan is participating with the Tampa Bay Regional Planning Council (TBRPC) Business Disaster Kit Committee which will be launching website to assist small business in their business continuity planning. There will also be an interactive electronic business continuity planning game.

c. Non-Profit/Volunteer/Citizen-Based Groups

d.

Paul Ford gave a report on the Hurricane Expo held at the museum of Science and Industry on May 31, 2008. It is estimated that 3,000 people attended.

Susan Mueller reported that TECO will hold their annual Emergency Management Fair on June 26, 2008 at TECO Plaza.

V. Public Outreach - None reported.

VI. Upcoming Events

a. Next Meeting Date

The next meeting date October 29, 2008 at 2:00 p.m. at the Emergency Operations Center.

b. Meeting for Pilot Program for LMS, Stakeholders, CC, etc. for PDRP Working Groups – July 30 at 10 a.m. Location to be confirmed.

The Crisis Center of Tampa Bay is seeking approval of a pre disaster project to protect the organization's building from hurricane force wind. The building is located at 14096 Bearss Avenue near the crossroads of North Florida and Bearss avenue.

The project will include the installation of structural supports to the building's primary framing and the installation of an *Armor Screen* (www.meteorhurricane.com) system. An assessment of the building was completed by Steve Porter of Hillsborough County Department of Emergency Management. The building was assessed as being unfit for hurricane protection.

The Armor Screen system creates a deflection zone that allows the screen to absorb the impact of flying debris. It distributes the wind load and impact load across the entire screen and all mounting points to absorb stress easily. Armor Screen has received a unique Miami-Dade certification for 135 pounds per square foot with 24-foot high screen. Armor Screen passed independent lab tests of up to 270 MPH and 195 pounds per square foot. For comparison, the wind loads of a Category 5 hurricane are approximately 60 pounds per square foot.

Justification for this Project:

The ability to be operational pre and post disaster is critical to the organization. The Crisis Center's organizational capacity includes a continuum of care (CARE) system through its own core services. The CARE System is a high quality internal integrated service delivery system with a focus on trauma, prevention, crisis intervention, and stabilization of individuals and families. Service components include telephone/in-person crisis counseling and intervention; information and referral; case management; financial assistance, mental health transportation, forensic medical services and senior services.

The Crisis Center is a Mental Health Trauma Response Center providing treatment services for high level trauma related incidents. An agency wide Incident Command System is established to deploy staff during the times of a disaster. To date, 2-1-1 Tampa Bay Call Center staff has been deployed to Cedar Rapids and for Hurricane IKE damage.

2-1-1 Tampa Bay is responsible for the coordination of the Medical Reserve Corp (MRC). Working with the City of Tampa, Florida Department of Health and the medical community, 2-1-1 coordinates the notification of MRC of physicians in times of a disaster.

The TransCare Ambulance Service serves Hillsborough County as a Basic Life Support Ambulance Service (BLS), operating sixteen ambulances 24 hours per day, 365 days per year. TransCare assists law enforcement by providing emergency transportation for Baker Act clients to mental health receiving facilities, state hospitals and other mental health treatment centers. TransCare also provides primary BLS ambulance service for Hillsborough County residents and services as back up to the Hillsborough County Emergency Medical Services (EMS). TransCare responds to 9-1-1 calls post disaster.

The Crisis Center also provides office space for the Hillsborough County Sheriff's department free of charge. Deputies have access 24 hours a day seven days a week and use the space as a satellite office for the North Tampa/University Community.

The Forensic Medical Unit (Nurse Examiner Program) is required to be operational pre and post disaster to perform forensic exams on pediatric and adult victims of sexual assault. Also, in times of disaster, the Crisis Center is able to offer call center space to the local United Way to coordinate volunteers and act as a distribution site for basic supplies of food, water and clothing.

In the aftermath of Hurricane Katrina, an increase in sexual violence was documented in a joint publication of the Louisiana Foundation Against Sexual Violence and the National Sexual Violence Resource Center, *Sexual Violence in Disasters; A Planning Guide for Prevention and Response* (2006). Documented incidents of sexual assault in the Katrina evacuation shelter system (post disaster) provide evidence the need for the protection of the Crisis Center building for post disaster services.

Lessons learned from this research, document the traumatic impact of a hurricane to the people of the community. Additional resources and reading on this subject can be found at www.nsvrc.org

**Local Mitigation Strategy Working Group
Agenda for March 25, 2009
Netpark, 5701 E. Hillsborough Avenue
(Building Services Division Board Room, Suite 1140)**

- I. Welcome and Introductions**

- II. Approval of Oct. 29, 2008 Minutes**

- III. Old Business**
 - a. Site Profiler**
 - b. Storm Surge Signs**
 - c. LMS Update**
 - d. PDRP Update**
 - e. CRS/All Hazards**

- IV. New Business**
 - a. Update LMS Project List**
 - i. Transportation Improvement Program (TIP)**
 - ii. Priority Recovery Targets (i.e., bridge)**
 - iii. HELP**

 - b. Grants – Pending Cycle**
 - i. Stimulus Funding**
 - ii. Mitigation Grants**

- V. Future Public Outreach**
 - a. Hurricane Expo - MOSI – May 30, 2009**
 - b. BOCC Workshop – June 10, 2009 (3-4 p.m.)**

- VI. Upcoming Events**
 - a. Hillsborough County Mass Casualty Exercise – April 28, 2009**
 - b. Hillsborough County Hurricane Exercise – May 28, 2009 (morning)**
 - c. Hillsborough County PDRP Tabletop Exercise – May 28, 2009 (2-4 p.m.)**
 - d. Tentative Meeting - Prioritize Projects (Due to summer storm)**
 - e. Tentative Applications for HMGP (Due to summer storm)**
 - f. Next Meeting Date**

Local Mitigation Strategy Sign-In Sheet
March 25, 2009

NAME	AFFILIATION	PHONE	EMAIL
Kuider Mandell	BSD - Haz Mit	976 8245	on file
Walter O. Carter	HC HHD	274-6649	wtocarter@fla.gov
G.D. "Willie" Nabong	City of Plant City	813-707-7476	wnabong@plantcity.gov
Ken Ford	PCM	813 3017041	fordk@hillsboroughcounty.org
Luis Braccili	HC Public Works	813 3071770	Braccili@hillsboroughcounty.org
Steven Stangury	Hills CHD	813-307-8015	on file
ONEL GREENE	TAMPA TRN/EM	813-274-7553	ONEL.GREENE@TAMPA.GOV.NET
Chris Zambito	Dunbar	813 225-1325	czambito@dunbar.com
DEBRA HARRIS	CRISIS CTR TAMPA BAY (2-H)	813 969 K911	dharris@crisiscenter.com
James Adcock	TECO	813 228-4686	jadcock@tecoenergy.com
Eugene Henry	Hills. Co. Haz Mit	on file	
MORIS ABREZAS	PBS&J		
Halley Wade	Hillsborough EM	on file	
ROBIN CARTER	Hillsborough County Code	274-6664	rcarter@hillsboroughcounty.org
Charner please for Bill Lomborg	HC PGM - Community Planning	272-5828	
Randy Goers	City of Tampa Planning	274-8694	randy.goers@tampa.gov.net

**Local Mitigation Strategy Working Group
Agenda for March 25, 2009
Netpark, 5701 E. Hillsborough Avenue
(Building Services Division Board Room, Suite 1140)**

I. Welcome and Introductions

Linda Mandell	Building Services, Hazard Mitigation
Malcolm Castor	HC, Affordable Housing Office
Willie Nabong	City of Plant City
Kim Ford	PGM
Luiz Bisacchi	HC, Public Works Dept.
Steven Castonguay	HC Health Dept.
Oliver Greene	Tampa TFT/EM
Chris Zambito	Dewberry
Debra Harris	Crisis Center Tampa Bay (211)
James Adcock	TECO
Eugene Henry	Building Services, Hazard Mitigation
Moris Cabezas	PBS&J
Holley Wade	Hillsborough EM
Robin Caton	HC Code Enforcement
Charner Reese	HC PGM- Community Planning
Randy Goers	City of Tampa Planning

II. Motion made by Gene Henry and seconded by Steve Castonguay to approve the Oct. 29, 2008 minutes. Linda Mandell will fix any typos.

III. Old Business

A. Site Profiler

Randy Goers approached the firm which operates Site Profiler regarding a demonstration at the LMS meeting, but the firm has been too busy to analyze Site Profiler's possible effectiveness for natural hazards. Hopes to be able to report back by the next meeting. In answer to a question, Mr. Goers explained that Site Profiler has been used for specific homeland security issues. Tampa is one of the first to use for wide scale planning event.

B. Storm Surge Signs

Storms Surge Signs will be put out for bid. Report from Public Works sign shop giving reasons why the signs were beyond their crew capabilities. PW Sign shop did get one bid for one sign for \$2,065/each installed. The sign size was reduced from 30" x 36" to 18"x 24". The sign design will be finalized once the final costs are determined. The signs will be placed fifteen feet high. Mr. Adcock stated that the citizens in the area of Gibsonton did not want the original sign that was located on US 41. That sign was the example used for the current sign. The funding is from an EOC grant; the pole design was donated by Bracken Engineering and PBS&J donated time for the sign design. Mr. Henry explained the background in

taking the sign design to the BOCC for approval. There was a discussion on elevations of the signs. The signs will be set at 15' above grade. There will not be any signs posted in the City of Tampa.

C. LMS Update

Mr. Henry gave a history on the LMS. The local mitigation strategy is being updated piece by piece. The first sections will be turned into the state by June. The plan will expire in November. The state now has an enhanced plan, which allows Mr. Goers stated that the plan is updated 2003 so the current update would be from 2003 until now and putting together an action plan for the future. Part of the challenge in updating is getting rid of stuff that is in conflict or just dead weight. We already know what our hazards are. We kind of know what the probabilities are and we know the risk, so it really just about documenting and getting it into the plan. Mr. Goers further stated that he thinks the project list is fine from the state's perspective. For the next year, we should identifying the top ten projects and focus on those as a priority. Other areas are more effective because they do that. Mr. Henry gave a recap of how the jurisdictions came together in 2004 to decide on projects for HMGP funding.

Mr. Henry told the group that the updated sections would be sent to the members for review as they became available. Mr. Goers pointed out that the sections of the LMS are not very long and some members will have more expertise and experience in some parts of those sections and would be able to furnish additional information. Also, the senior planner position was eliminated in the Hazard Mitigation Section, so the plan is to spread the work out a little bit. The senior planner was doing the bulk of the map work and compiling comments. The maps were done.

Mr. Ford questioned why the plan on the web still had draft on it and Mr. Henry explained that it was put prior to approval of the BOCC, but was the final document. Mr. Henry further explained the update requirements, which includes adding tsunamis to the hazards. There was a discussion of inviting a representative from the Port and the school board. Ms. Mandell will send invitation for next meeting. The mitigation plans could be incorporated from these two entities.

D. PDRP Update

Six public meetings were held in different parts of the county in March. Two more TAC meetings are left in this phase. The next phase begins in early fall. In April, staff will be going to Executive teams of Hillsborough, Temple Terrace and Plant City. In May there will possibly be a stakeholder/leadership meeting; June 10 will be BOCC workshop; in Aug. take a resolution to BOCC for approval and other jurisdictions will follow that. Mr. Henry invited the LMSWG to attend the BOCC workshop, since their input is extremely important and the PDRP is an extension of the LMS.

E. CRS/All Hazards

Mr. Henry handed out a strategy. Some of the CRS tasks involving floodplain management, post-disaster redevelopment, and hurricane guide have been completed. The hurricane guide doesn't include flooding, just storm surge. However, this will be included in next year's guide. The library system has been updated. The telephone book will stay the same for one more year at least. Permitting offices will be re-stocked with information for the residents. Florida has just issued a wonderful floodplain management document and is again participating in the floodplain management program. LMSWG also functions as CRS outreach group. CRS in Hillsborough saves residents over \$6M in flood insurance policies and City of Tampa does \$4-\$6M as well. Mr. Henry explained CRS and stated that Hillsborough County was going through a full audit and explained how the process works. Mr. Zambito said that based on average policy cost within SWFWMD communities, the CRS program saving is \$23M a year. There was more discussion on the CRS program and savings. One issue is that by saving money through the CRS program, that take money away from the NFIP. FEMA is working on losses avoided to show reductions in flood losses through the CRS program.

IV. New Business

A. Update LMS Project List

The project list was not divided into categories by this meeting as planned, but will hopefully be done by next meeting. The three items listed below were requested to be added to list. Mr. Henry gave a brief over of these items.

i. Transportation Improvement Program (TIP)

- Hazard Mitigation is working with MPO to ensure that transportation systems have resiliency after a disaster. These plans will hopefully help MPO rebuild transportation infrastructure post disaster.**
- Hazard Mitigation should advise MPOs on how to properly use the funding MPO receives.**

ii. Priority Recovery Targets (i.e., bridge)

- Priority redevelopment areas have not yet been targeted. TECO is instigating a review of the PDRP for priority recovery targets.**
- There will be a tabletop of the PDRP after the hurricane exercise in May.**

iii. HELP

- The HELP committee should be eligible for funding and be placed on the list. This is the long-term housing group and some of the funding should be available to go to these groups. This will assist in targeting the money.**

Mr. Goers commented that it is important to be sure that the mitigation part of the TIP is leading the effort and not the secondary part. The TIP is a funded program and there are funds available. LMSWG should be identifying the critical infrastructure and informing the MPO so that they can have adequate funding in place to build that critical link to the level that it needs to be built. The funding level for critical projects should be at a mitigation level, not just the funding level. Mr. Henry concurred.

Mr. Ford requested a copy of the project list. Ms. Mandell wanted to send out project list early for this year's update. Mr. Goers requested that the list be sent out immediately.

B. Grants – Pending Cycle

i. Stimulus Funding

The drought application went well, but the state kept all the money. There was even a hearing regarding the issue and the state acknowledged that the money should have been disbursed. However, there wasn't any money left at that point. More LMS meetings may be needed during tropical storm season to review possible projects. There needs to be collaboration on projects on what the LMSWG wants to focus on during the coming storm season.

With the stimulus funding, individual weatherization systems are now available. There are funds available that are directly related to floodplain management. There are three specific programs under the EPA, Dept. of Agriculture that allows working with flood protection - buyouts/acquisitions for conveyance areas without repetitive flood loss structures. Mr. Henry stated that Hazard Mitigation is still trying to figure out where to get the applications.

ii. Mitigation Grants

Ms. Mandell informed the group that it is rumored the mitigation grants cycle will open in April. This would include the Severe Repetitive Loss, Repetitive Flood Claims, Flood Mitigation Assistance, and Pre-Disaster Mitigation Grant programs.

V. Future Public Outreach

A. Hurricane Expo - MOSI – May 30, 2009 (Hazard Mitigation Section will participate for LMS, CRS, Citizen Corps, PDRP and Building Services Division.

B. BOCC Workshop – June 10, 2009 (3-4 p.m.)

VI. Upcoming Events

A. Hillsborough County Mass Casualty Exercise – April 28, 2009

B. Hillsborough County Hurricane Exercise – May 28, 2009 (morning)

C. Hillsborough County PDRP Tabletop Exercise – May 28, 2009 (2-4 p.m.)

D. Tentative Meeting - Prioritize Projects (Due to summer storm)

E. Tentative Applications for HMGP (Due to summer storm)

F. Next Meeting Date: Last Wednesday of July—Last Thursday of July if the Wednesday is a BOCC meeting.

Mr. Castor made a motion to adjourn the meeting and it was seconded by Mr. Paul Ford. The meeting was adjourned at

**Local Mitigation Strategy Working Group
Agenda for July 29, 2009
Netpark, 5701 E. Hillsborough Avenue
(Building Services Division Board Room, Suite 1140)**

- I. Welcome and Introductions**
- II. Approval of March 25, 2009 Minutes**
- III. Old Business**
 - a. Storm Surge Signs**
 - b. CRS Coommittee**
 - c. PDRP Update**
 - d. Stimulus Funding Update**
 - e. Mitigation Grants Update**
 - f. Site Profiler**
- IV. New Business**
 - a. Nominations for Chair/Vice-Chair**
 - b. LMS Update Discussion (Tips, Hints, & Tricks)**
 - i. Hazards**
 - ii. Projects**
 - iii. Review & Update**
 - iv. Plan Incorporation**
 - v. Plan Submission**
- V. Public Outreach**
 - a. CRS Outreach Review**
 - b. LMS Survey**
 - c. Future Public Outreach**
- VI. Upcoming Events**
 - a. BOCC – September – Resolution to Approve for PDRP Strategy**
 - b. Election of Chair/Vice-Chair – October 28, 2009 Meeting**
 - c. Discussion of Required Yearly Update**

**Proposed Next Meeting Date – October 28, 2009
2-3:30 p.m.
Emergency Operations Center
2711 E. Hanna Ave.**

Local Mitigation Strategy Sign-In Sheet
July 29, 2009

NAME	AFFILIATION	PHONE	EMAIL
Paul Ford	Tampa General Hospital	813-610-8148	pford@TGH.org
Linda Mendell	Haz Mit	276 8245	Mendell@- - - -
Kim Ford	PLM	3017041	fordk@hillsboroughcounty.org
Christina Hummel	MacDill	813-828-0836	christina.hummelctr@macdill.af.mil
Willie Nabong	City of Plant City	813-707-7476	wnabong@plantcitygov.com
Susan Mueller	TECO	813-228-4403	smmueller@tecover.org.com
William Walle	Hillsborough FM	813 276-2383	walle@hillsboroughcounty.org
MALCOLM CROST	AFFORDABLE HOUSING	813)274-6649	crost@hillsboroughcounty.org
Eric	on file		
Chris Zambito	Dunberry	225-1325	czambito@dunberry.com
Sam HARRIS	Tampa Housing Authority	813-253-0581	SHARRIS@THAFL.COM
MORIS CABEZAS	PBS & J	813-282-7275	mcabezas@pbsj.com
MATT WILBUR	Club -	on file	on file
BRANT MORRIS	COT	813 2747446	
Michael Miller	COT	813 274 8469	on file
Randy GOFFS	COT	813 274 8694	on file

**Local Mitigation Strategy Working Group
Minutes for July 29, 2009
Netpark, 5701 E. Hillsborough Avenue
(Building Services Division Board Room, Suite 1140)**

I. Welcome and Introductions

Paul Ford – Chair	Tampa General Hospital
Linda Mandell – LMS Coordinator	Hillsborough County Hazard Mitigation Section
Kim Ford	Hillsborough County Planning & Growth Mgmt. Dept.
Christina Hummel	MacDill Air Force Base
Willie Nabong	City of Plant City Public Works
Susan Mueller	Tampa Electric Co.
Holley Wade	Hillsborough County Emergency Operations Center
Malcolm Castor	Hillsborough County Affordable Housing
Eugene Henry	Hillsborough County Hazard Mitigation Section
Chris Zambito	Dewberry
Sam Harris	Tampa Housing Authority
Moris Cabezas	PBS&J
Matt Wilbur	Clerk of the Circuit Court
Brent Morris	City of Tampa Stormwater
Michael Miller	City of Tampa Stormwater
Randy Goers – Co-Chair	City of Tampa Growth Management & Development

II. March 25, 2009 minutes approved. Mr. Nabong’s name was corrected.

III. Old Business

a. Storm Surge Signs

PBS&J designed the signs. Kim Ford reported that there were six bids and that 30 signs can be purchased for approximately \$24,000. Mr. Ford is currently waiting for more information from a bid. Steve Porter, from the EOC, will assist with the installation locations. Hillsborough County Roadway Maintenance will assist with permitting. The deadline is December 31st to spend the grant funds.

b. CRS Committee

The CRS committee was audited by a North Carolina ISO in June. The committee is modifying their codes on the ISO’s suggestions. The committee will be reviewing its role in the floodplain management plan with the ISO. The committee has fulfilled its outreach plan and will create a new plan in October.

c. Post-Disaster Redevelopment Plan (PDRP) Update

Last Thursday, the state held a focus group meeting for the PDRP pilot communities. As a result of the PDRP initiative, Hillsborough County will be

building their transfer development rights program to a greater degree in the coming year and reviewing its build-back policies.

d. Stimulus Funding Update

Hillsborough County is submitting grant applications to the Department of Energy and USDA Broadband. The county is trying to upgrade from Permits Plus to Accela Automation. The Hazard Mitigation Section is partnering with the Stormwater Section of Public Works to obtain an EPA grant to be able to buy conveyance areas on Progress Village. Tips for grant application and reporting were discussed.

e. Mitigation Grants Update

All mitigation grant cycles are open. The state sent letters to severe repetitive flood-loss property owners and the county is receiving responses from the owners. The county is currently working with a resident that received funding in the last grant cycle for a reconstruction mitigation project.

f. Site Profiler

Sandbox has not contacted Mr. Goers in time to help with the LMS update, but Mr. Goers still believes Site Profiler could help in the future. The database could take months to finish.

IV. New Business

a. Nominations for Chair/Vice-Chair

Mr. Zambito nominated Mr. Paul Ford to continue as Chairman. Mr. Ford declined. Ms. Mandell nominated Mr. Goers for Chairman. Mr. Zambito nominated Ms. Mueller as vice-chair. There was a discussion about how much time would be required. Ms. Mueller then nominated Mr. Ford to be co-vice-chair. There was a general agreement amongst the members that co-vice-chairs would be acceptable. Mr. Wilbur motioned for the nominations to close and Mr. Paul Ford seconded. Motion passed. It was decided that additional nominations could be emailed to Ms. Mandell prior to the next meeting.

b. LMS Update Discussion (Tips, Hints, & Tricks)

Mrs. Mandell discussed the FEMA tips, hints, and tricks packet in detail. The group agreed to update the LMS Maintenance Plan in Section VII to require semi-annual meetings. However, it was discussed that meeting three times yearly, March, July and October would still be the schedule.

IV. Public Outreach

a. CRS Outreach Review was discussed in old business

b. LMS Survey

LMS survey is experiencing technical difficulties. Once it is finished, it will be emailed to neighborhood associations.

c. Future Public Outreach

Future outreach submitted by a member focuses on individual preparedness, which can be better addressed by the Local Mitigation Strategy Citizen Corps Council.

V. Upcoming Events

- a. BOCC – September – Resolution to Approve for PDRP Strategy**
- b. Election of Chair/Vice-Chair – October 28, 2009 Meeting**
- c. Discussion of Required Yearly Update**

Next Meeting Date –

October 28, 2009

2-3:30 p.m.

Emergency Operations Center

2711 E. Hanna Ave.

Mr. Wilbur made a motion to adjourn. Motion was seconded by Ms. Hummel and the meeting adjourned at approximately 3:45 p.m.

FUTURE PUBLIC OUTREACH

I. USE UNDERSTANDABLE TERMS

Every industry, business, science, governmental function has its own distinctive language. Jargon. Lingo. Terms common to that particular protocol. In-house communications are rife with acronyms, specialized vocabulary unique to that profession. And, let's face it, government has more than its fair share. That is all well and good, as long as one is dealing with insiders.

Once communication leaves the folds of the inner circles, and is directed to Main Street, USA, it is imperative that the message be translated to a language understandable by the layman, the housewife, the elderly, the masses who live and work on Main Street.

Not to diminish the need for technical, profession-specific terminology, nor to lessen the need for the intellectual communications between the sciences, but to make the scientific efforts palatable for the general public, it is essential that a second set of standardized terms be established for communication and education of the public.

For example, the basic term in our name, MITIGATION, is an esoteric term, beyond the understanding of most people. I would guess that the only time most people have heard this term is on TV when an attorney tells the judge that there were "mitigating circumstances," as a defense for his client. I do not suggest that we change our name, but that when we present ourselves to the public, we use terms more readily, easily and immediately understood by all. It is interesting to note that most non-professional people will stop reading after they have encountered three words in the first paragraph that they do not immediately understand. They put that reading aside, saying they will study it later, but never go back to it.

So, it our job to make sure that the time, effort and dollars that we spend on communicating with the public uses a level of language understanding that will make sense to our audience.

II. BEST VEHICLES FOR COMMUNICATION

The manner in which we communicate our message to the public will determine its effectiveness. Currently, we are relying upon piggy-backing on other government resources, such as public access television, utility billings, and public service announcements in the news media. To be truly effective, we need to expand for these reasons:

(1) Many citizens pay their utility bills via online banking, and do not receive paper invoices in the mail

(2) Many citizens no longer have land line telephone service, but now depend upon cell phone service, which is a private enterprise as compared to a public utility, and therefore not a source for free distribution of information

(3) Public access TV is not the entertainment of choice for the majority of our citizens

(4) Many of our elderly citizens have not converted their TV to digital, not being to afford to cable or the costs to convert

(5) Those who rent will not be the recipient of information via a water bill if their water is included in their monthly fees.

(6) Most of our elderly do not regularly use or have access to the computer.

We need to explore more avenues that may be available to us to get our messages to the citizens of our community. There are many volunteer, fraternal, civic and professional groups that publish periodic newsletters, there are youth organizations that reward their members for various community projects and outreach efforts, to name just a few. Public libraries hand out bookmarks, public schools have a multitude of ways to communicate with their students' families. We need to explore more and more ways to get the word out.

Why not use the voter registration rolls as a data base? When people register they could be asked if they wish to receive emergency information, and if so, by way of email or postal service. Use public school registration records as a resource. Drivers license registrations, etc.

I also think we could utilize scout troops to survey their communities to find out if there are citizens who need assistance; use the high school ROTC programs to distribute information door to door; use the hospital waiting rooms, doctor and dental office waiting rooms as places to leave literature.

WE NEED TO COMMUNICATE BETTER, MORE AND MORE OFTEN.

With all due respect to all the efforts of the professionals and volunteers in the community who work to make us safe.

Judy Batson
July 2009