

**Hillsborough County
Post - Disaster
Redevelopment Plan
for Coastal Facilities**

Infrastructure Repair Technical
Advisory Committee

S. Mueller
B. Campbell

Who is the Infrastructure Repair TAC?

Public Infrastructure

- Water
- Wastewater
- Sewer
- Rail
- Roads

Private Infrastructure

- Electricity
- Natural gas
- Telecom
- Rail
- Wastewater

Public Facilities

- MacDill
- Coast Guard
- HART line
- Schools
- Airport
- Seaport

Private Facilities

- Private transportation companies
- Schools – all levels

Hillsborough County

General Facts

- Roadways
 - 1128 miles of functionally classified roadways
 - 684 miles state roadways
 - 444 miles of county roads
- Commercial Transportation
 - Port of Tampa – largest port in Florida
 - Top commodity – petroleum
 - 3 major highways
 - CSX rail
 - International airport
 - Tons of annual cargo
 - 50M tons Port of Tampa
 - 85,500 tons other
- 2 coastal power plants and supporting facilities
 - Natural gas
 - Fossil fuel
- Natural gas distribution to homes and commerce
- Various telecommunication companies
- Costs of Public Infrastructure (public parks, water, wastewater, storm water management, and solid waste) FY1994-2015
 - \$1,106,945,000

TAC Members

Last Name	First Name	Title	Organization
Frazier	Anddrikk	Regional Manager	Tampa Electric Co.
Alvarado	Eli	Project Manager II	HC Solid Waste Dept.
Anderson	Ron	FDOT	Florida Dept. of Transportation
Bagby	Larry	Operations Superintendent	Tampa Port Authority
Bailey	Bill	Special Operations Chief	HC Fire Department
Bisacchi	Luiz	Principal Business Analyst	HC Public Works/Ops Management
Borisenko	David	Dept. Manager Planning & Siting	HC Public Schools
Brill	John	Public Information Officer	HC Parks, Recreation, & Conservation
Brill	Ed	Mgr. Code Enforcement	HC Code Enforcement Dept.
Brophy	Robert	Appraisal Manager	HC Property Appraiser
Cabrera	Rick	Professional Engineer II	HC PGMD
Campbell	Bob	Division Director	HC Transportation & Land Dev. Review Division
Chapman	Keith	Fire Chief	City of Temple Terrace
Cvarak	Rick	Manager, GIS Section	HC Real Estate Dept.
Durkin	Joe	Sr. Director Corporate Communication	Bright House Networks
Garrity	Richard	Executive Director	Environmental Protection Commission
Harwig	Don	Director	HC Facilities Management Dept.
Ho	Chin	Senior Professional Engineer	HC Public Works/Stormwater
Krohn	Dennis	Geologist	USGS
Lee	Irvin	Director	City of Tampa, Public Works Dept.
Tim	Kasprzyk	Safety Director	Peoples Gas

TAC Members

Last Name	First Name	Title	Organization
Guess	William	Emergency Operations Manager	Verizon
Lopez	Jose	Section Manager/Operations Mgmt.	HC Public Works/Ops Management
Miller	Cynthia	Director	City of Tampa Planning Dept.
Motta	Joe	Director	Temple Terrace Public Works Dept.
Mueller	Susan	TECO Emergency Manager	TECO Energy
Nassar	Fred	RACES Coordinator	EPC
Nesmith	William (Bill)	Fire Chief	HC Fire Department
Reese	Charner	Principal Planner	HC Parks, Recreation, & Conservation
Sears	Randy	General Manager II	HC Water Resources Dept.
Snow	Chris	Program Manager II	HC Solid Waste Dept.
Thornton	Mark	Director	HC Parks, Recreation, & Conservation
Trimpert	Mike	Chief of Planning	HC Emergency Management Dept.
Zambito	Chris	Senior Planner	Dewberry & Davis, LLC
Buffington	Mike	Chairman	Port Henry Weather Advisory Group
Doerfel	Jennifer	Director Gov Affairs	TBBA
Gonzalez	Michael	Division Chief	Tampa Fire Rescue
Kemp	Ian	Asst Chief	Temple Terrace Fire
Valdez	Steve	Manager Quality Service	Public Works (HC)
Faison	Jerome		Hills Co Water Dept
Willie	Nabong	Public Works Director	City of Plant City
Robert	Moore	Civil Eng.	MacDill

Purpose

- Consider the long-term recovery implications of damaged infrastructure and public facilities
 - Holistic approach
 - 3 to 5 year normalcy
- Determine the most disaster-resilient way to restore infrastructure...Review, discuss, plan and prioritize issues.
 - Transportation repair, mitigation and improvements.
 - Commercial transport restoration (rail and ports).
 - Potable water, sewer and storm water repair, mitigation and improvements.
 - Coordination with power, natural gas, and telecom company restoration.
 - Solid waste and debris management.
 - Public facility repair and mitigation.

Project Goals

- Prioritize the identified infrastructure and facility issues
 - Based on importance
 - How soon they need to be addressed
- Identify new issues or actions

TAC Planning Tasks

1. Finalize and prioritize infrastructure issues and actions that can be taken to address each issue
2. Determine what data and analysis are necessary to address all the issues and identify existing data sources if needed
 - The project team will work on needed analyses and provide output as time allows
3. Identify existing policies, procedures, and programs that may affect the infrastructure repair after a disaster not already identified by the project team

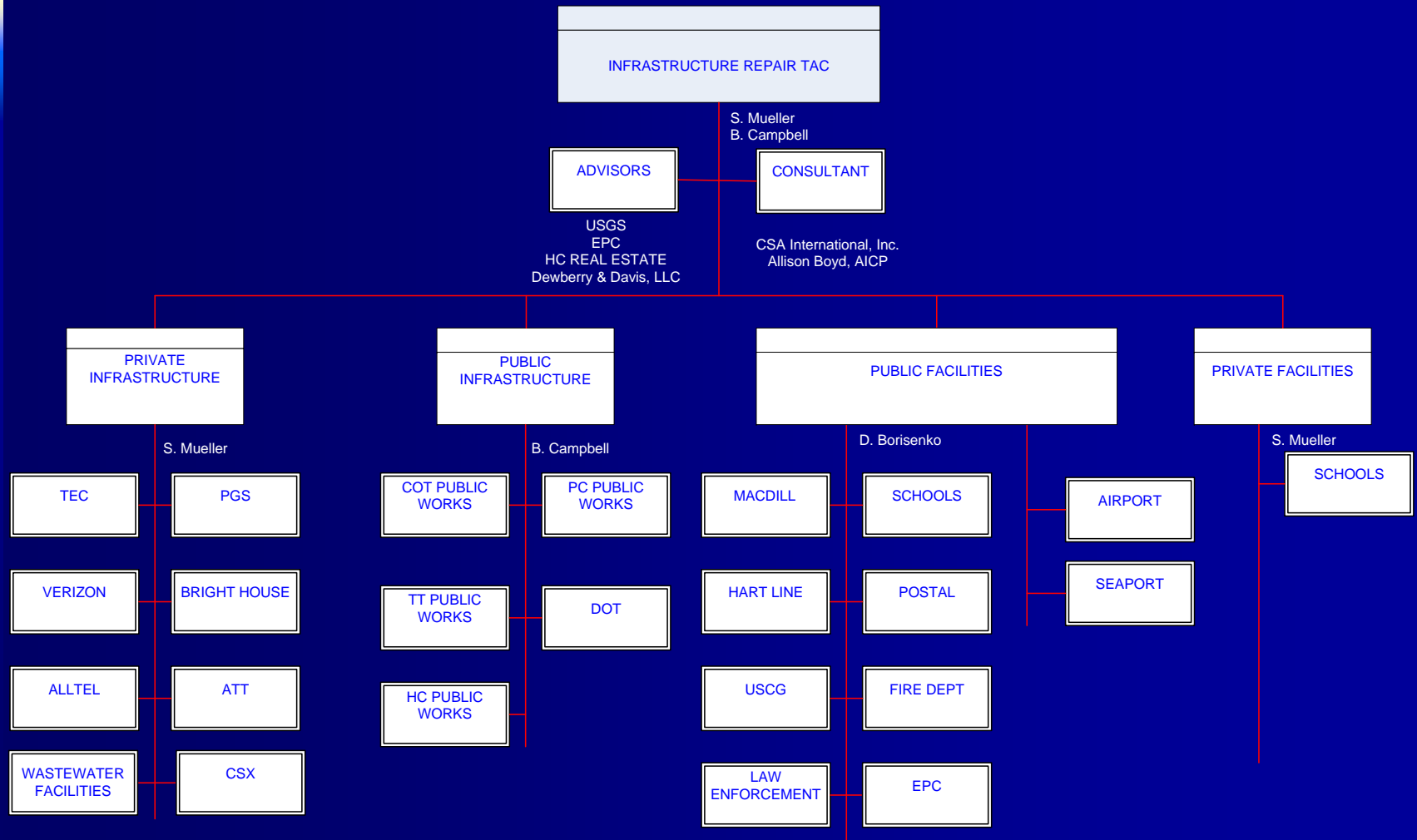
TAC Planning Tasks

4. Identify existing resources for addressing infrastructure repair (staff capacity and capabilities, funding resources, etc. – a list of questions will be provided to assist. Will this be adequate or are other resources necessary?)
5. Pick one or more actions to work on during the planning process. Ideally some actions will be addressed by March 2009 to jump start implementation of the plan.

TAC Planning Tasks

6. Assign responsibilities, timeframe for completion, and estimates of costs and benefits for each action.
7. Approval of the draft plan components developed by the project team regarding TAC inputs. One of the draft components will include a list of benchmarks or goals for infrastructure and public facility restoration tied to the recovery timeline.

Infrastructure Repair TAC



Security of Information

- All documents need to have the following line.....This information is protected under Statute 119.07(3), F.A.C. and it is not public domain.
- Final prioritization of facilities or issues that need to remain confidential will be labeled using a facility ID
- Sanitize roll up data or information.
- Meetings in September and October will be close door meetings – not taped.

TAC Meeting and General Task Schedule

All meetings from 1:30pm to 3:30pm at Netpark
Meetings in Blue are closed meetings

September 2008

September 4

TAC Meeting – all members

- Identify missing stakeholders
- Discuss TAC Meeting and General Task Schedule
- Choose subcommittee leaders/members
- Review and agree on a list of issues (Task 1)
- Discuss data needs and assign worksheets (Task 2)

Dates TBD

Subcommittee meetings – begin planning

TAC Meeting and General Task Schedule

All meetings from 1:30pm to 3:30pm at Netpark
Meetings in Blue are closed meetings

October 2008

October 2

TAC meeting – all members

- Worksheets due to subcommittee leaders by October 2nd meeting
- TAC prioritizes issues (Task 1)
- TAC assigns one or more issues to each subcommittee (Task 5)
- TAC sub-committees begin to
 - Develop actions for the issues (task 1)
 - Identify existing resources (task 4)

TAC Meeting and General Task Schedule

November 2008

November 6

TAC Subcommittees - leadership meeting

Date TBD

Subcommittee meetings

- Continue to identify existing resources (task 4)
- Continue to work on actions (task 5)

Date TBD

Stakeholder meeting

TAC Meeting and General Task Schedule

December 2008

December 4

TAC meeting – all members

- Finalize thoughts and synergies between subcommittees

Dates TBD

December subcommittee meetings

- Continue to identify existing resources (task 4)
- Continue to work on actions (task 5)
- Begin assigning implementation info to each action (task 7)

December 15

- List of prioritized public infrastructure and facility redevelopment issues and actions that can be taken to address each issue
- List of policies, procedures and programs that may affect the restoration of public infrastructure and facilities.
- Assign responsibilities, timeframe for completion, and estimates of costs and benefits for each action.
- Develop a planning timeline to address identified issues - maybe a 1 - 3 year timeline.
- Draft paragraphs from each subcommittee and representative are due by this date – soft copy to consultant, including private infrastructure and facilities.

Dates TBD

- Stakeholder meeting – to be announced

TAC Meeting and General Task Schedule

- **January 2009**
 - Approval of public meeting draft material (Henry/Mandell)
- **February 2009**
 - Complete work on actions
- **March 2009**
 - Approval of draft plan by County Commissioners

How to tackle this project in ~~15~~ 11 weeks.

- Each representative reviews / identifies their department facilities within flood or surge zones by zipcode
 - Complete Worksheet A – due by October
- Each representative assesses highly vulnerable infrastructure or facility that could be mitigated or relocated
 - Complete Worksheet B – Due by October
- Each representative prioritizes issues based on importance and how soon they need to be addressed...then TAC subcommittee prioritizes issues using data
- Companies and agencies
 - Work on issues
 - Develop draft PDRP – for own use
 - Submit draft PDRP sections to the consultant by 12/15/08

Objectives to keep in mind when completing the worksheets

- Identify infrastructure improvements that may be mitigated using FEMA public assistance funds used in conjunction with post-disaster redevelopment plans.
- Incorporate mitigation and best-building practices for structures and infrastructure to be repaired or rebuilt due to disaster impacts.
- Potentially relocate certain structures and services to less vulnerable areas.
- Determine permitting needs that can be addressed ahead of time

Data Gathering

- **Worksheet A** - Data to inventory your PDRP needs
 - Worksheet A is a document internal to your company/agency
 - Use data to build stakeholder PDRP
 - Transfer data to other worksheets using an alphanumerical code for facilities
- **Worksheet B** – Facility Inventory Rollup
 - Data transferred from Worksheet A
- **Worksheet C** – Local Sector Dependencies
 - Data transferred from Worksheet B
 - Finding the lowest common denominator
- **Worksheet D** – Prioritizing Issues
 - Transfer totals from Worksheet C
 - Worksheet will be used to guide the **Infrastructure Repair subcommittees** through the prioritization of issues as identified in the PDRP handout

Delete Worksheet A from the file you will be forwarding to your sub-committee

Questions?