



WESTERN STATES LAND COMMISSIONERS ASSOCIATION

TEXAS DISASTER RECOVERY PROGRAM

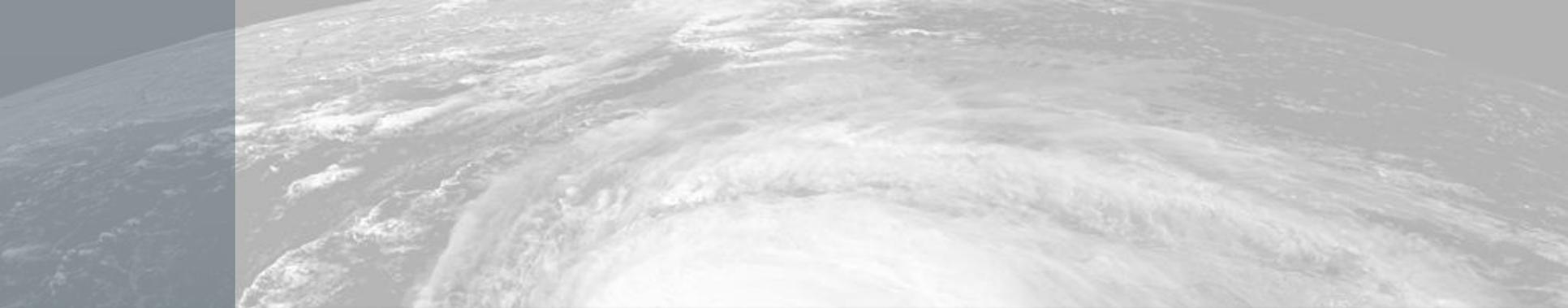
Tom Wendorf, P.E.
Vice President, HNTB Corp.

Nancy Beward
CFM, Project Manager,
Associate Vice President,
HNTB Corp.



Winter Conference
January 8-12, 2012
Austin, TX

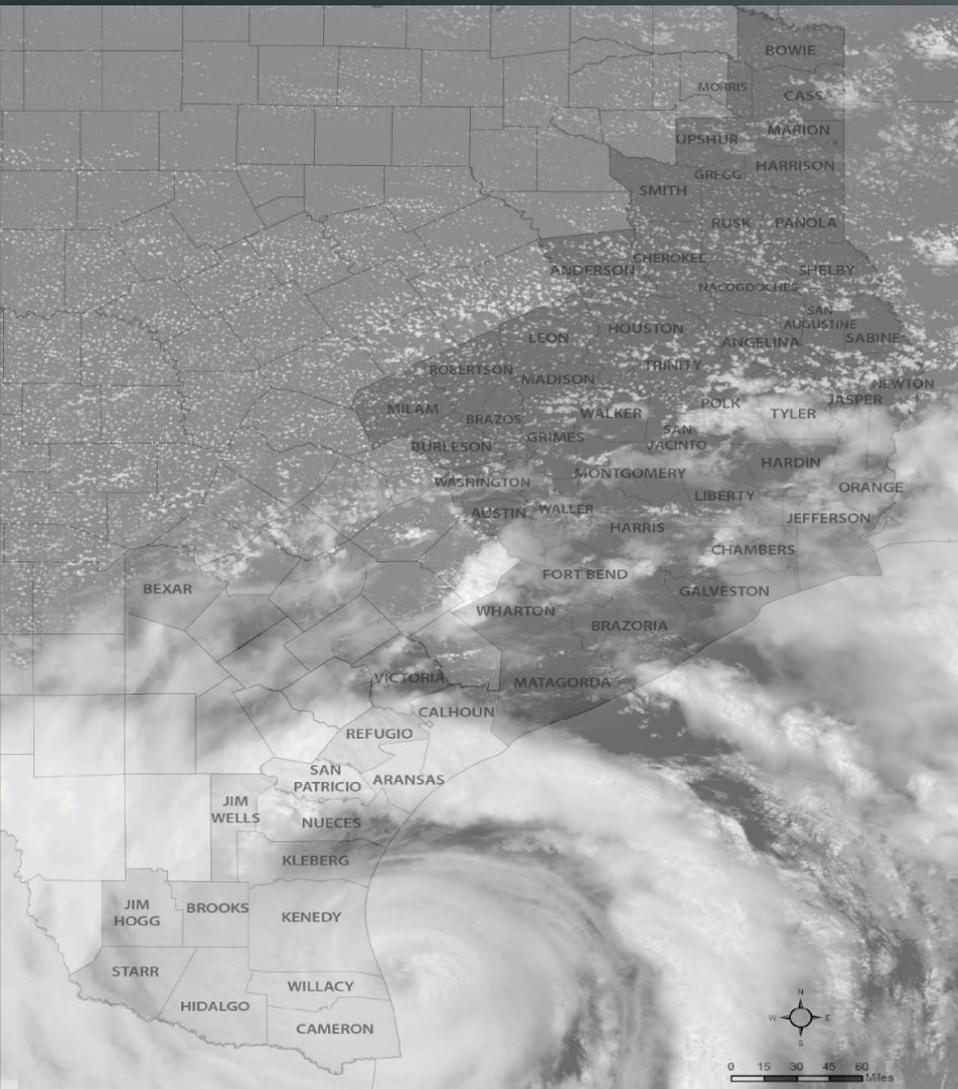
HNTB



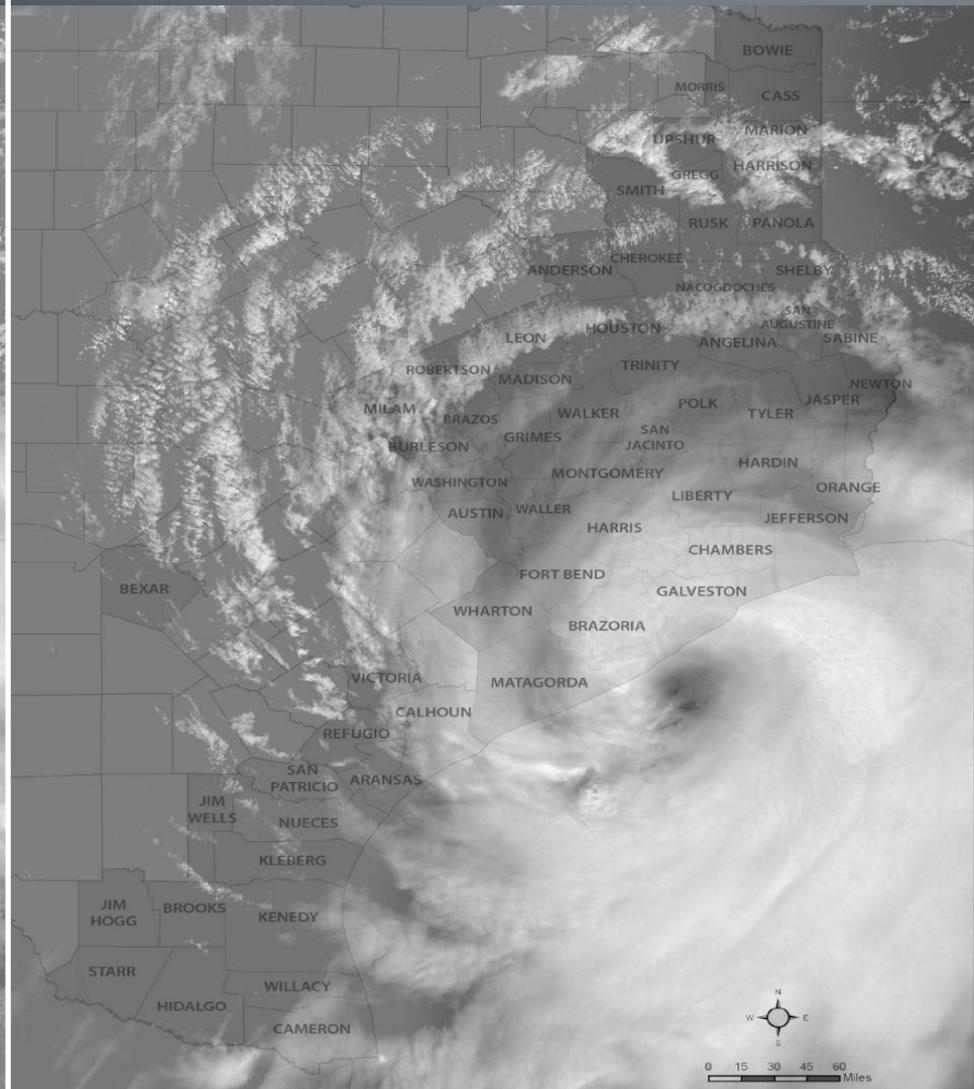
2008 HURRICANES



HURRICANE DOLLY



HURRICANE IKE



SEPTEMBER 9, 2008



SEPTEMBER 15, 2008





PROGRAM DELIVERY & WHY

Infrastructure projects continue to:

- ✓ expand in scope and complexity
- ✓ require rapid delivery
- ✓ need to be provided with little to no additional resource

Highly successful, owners meet this daunting challenge by engaging a program manager to ensure successful, on-time, on-budget project delivery.



PROGRAM DELIVERY (CONT.)

Program management has the owner's goals as the sole focus

- ✓ to define
- ✓ to develop
- ✓ deliver and operate a major capital improvement program consisting of either a single, large project or multiple projects.



PROGRAM DELIVERY (CONT.)

These services are grouped together under several names by clients, including:

- Program delivery
- General engineering consultant and
- Construction management



PROGRAM DELIVERY (CONT.)

Program Delivery Services provide for a customized approach to bring a broad spectrum of services together seamlessly, from:

- Initial planning and financing through construction,
- Operations and maintenance that can be scaled to match each program's magnitude and complexity. i.e.:
 - Environmental concerns for:
 - Turtle nesting,
 - Piping plover season,
 - Side scan sonar,
 - Wildfires

1

RISK
MANAGEMENT

2

FINANCIAL
PLANNING

3

ALTERNATIVE
DELIVERY

9 BUILDING BLOCKS OF PROGRAM DELIVERY

4
PROJECT
CAPABILITIES &
TECHNOLOGY

5
BREADTH OF
SERVICES

7

QUALITY
MANAGEMENT

8

ASSET
MANAGEMENT

9

GOVERNMENT
RELATIONSHIPS

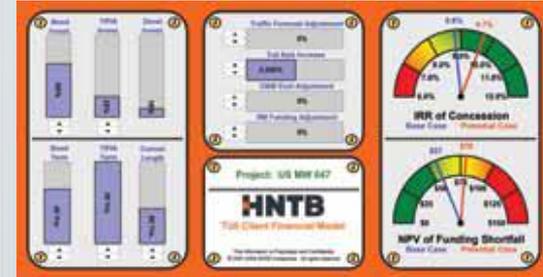
PROGRAM DELIVERY (CONT.)

9 Building Blocks of Program Delivery

2

FINANCIAL PLANNING

- Provide funding options/alternatives
- Find funding that can support the required program and project scope



PROGRAM DELIVERY (CONT.)

9 Building Blocks of Program Delivery

3

ALTERNATIVE DELIVERY

- Pursue other delivery methods, such as,
 - design-build
 - competitive sealed proposal and
 - others to get projects completed faster and at a lower cost



PROGRAM DELIVERY (CONT.)

9 Building Blocks of Program Delivery

4 COMMUNICATIONS

- Facilitate clear communication between owner and contractor
- Communicate and educate the public on the benefits of the project
- Provide on demand communication services to address
 - media inquires
 - governance directives
 - stakeholder interests



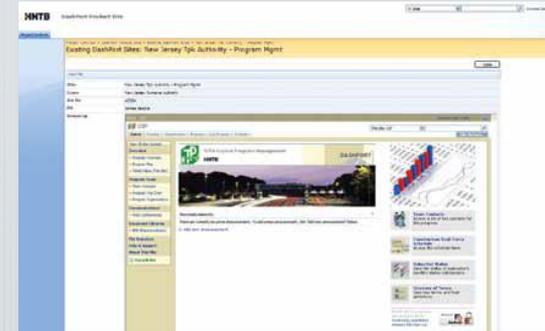
PROGRAM DELIVERY (CONT.)

9 Building Blocks of Program Delivery

5

PROJECT CONTROLS & TECHNOLOGY

- Provide, customize and utilize the latest, cutting edge technology to
 - increase project controls and
 - efficiencies and effectiveness in delivery
- At a cost that the program can support



PROGRAM DELIVERY (CONT.)

9 Building Blocks of Program Delivery

6

BREADTH OF SERVICES

- Having the capacity to provide a full spectrum of services
- Providing access to specific, unique, critical expertise when needed



PROGRAM DELIVERY (CONT.)

9 Building Blocks of Program Delivery

7

QUALITY MANAGEMENT

- At the program level, developed overarching policies and procedures that ensured project consistency and ability to replicate results
- At the project level, implementing a quality management plan in line with the program's procedures

"With HNTB's team of people, we have been able to extend our staff to provide the management, engineering and project controls necessary to meet an extremely aggressive program delivery schedule and keep our projects on budget."

Paul Kovacs, PE

Illinois Tollway Chief Engineer

PROGRAM DELIVERY (CONT.)

9 Building Blocks of Program Delivery

8 ASSET MANAGEMENT

- Secure a clear picture of a project's assets to successfully complete difficult projects
- Prepare for the completion of the program and movement of the program results to a sustainable maintenance mode
- Understand a document the value and useful asset life to prepare for future maintenance and capital programs



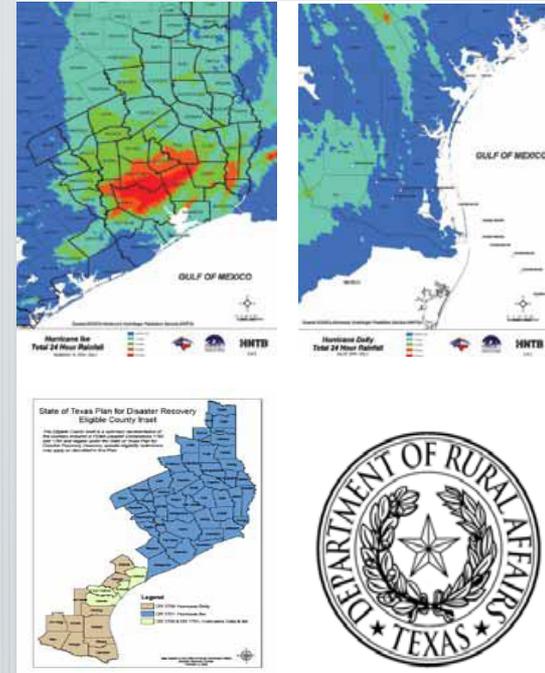
PROGRAM DELIVERY (CONT.)

9 Building Blocks of Program Delivery

9

GOVERNMENT RELATIONS

- Understanding the specific needs, concerns and operations of political bodies and the impact they have are critical to the success of a project



HNTB PROGRAM DELIVERY EXPERIENCE





CASE STUDY

\$3 Billion HUD CDBG Texas Disaster Recovery Program



TEXAS STORMS IN 2008

SEPTEMBER

13

Hurricane Ike hit the
Texas gulf coast as a
Category 2 storm

BOLIVAR PENINSULA



01.07.2009

GEOGRAPHIC COMPARISON



State of Texas Plan For Disaster Recovery
Eligible County Inset

- DR 1780 - Hurricane Dolly
- DR 1780 & DR 1791 - Hurricanes Dolly & Ike
- DR 1791 - Hurricane Ike

0 10 20 30 40 50 Miles



TEXAS GENERAL LAND OFFICE

ROLE AND RESPONSIBILITIES

- Designated by Governor Perry as the lead agency for CDBG disaster recovery funds, both Housing and Non-housing
- Entity responsible to the US Department of Housing and Urban Development (HUD)
- Administer \$1.7B in Housing and \$1.4B in Non-housing recovery funds
- Collaborate with TDHCA, FEMA, and TDEM

TEXAS GENERAL LAND OFFICE

ROLE AND RESPONSIBILITIES (CONT.)

- Determine the regional allocation of funding
- Review and approve the COG's Method of Distribution (MOD)
- Review applications and award grants
- Create, execute, and monitor Grant Awards, Master Contracts, and Work Orders
- Provide technical assistance to communities
- Ensure the funds are appropriately used for the intended eligible activities and meet one of the national objectives
- Meet HUD timelines for expenditure of funds



HNTB (PMC) ROLE & RESPONSIBILITIES

- Help facilitate the timely completion of the \$3B program with more than an anticipated **5000** projects
- Assist with oversight, reviews, and reporting of all project activities after the grant award (grant administrators, environmental , engineering, and construction)
- Project facilitation - community outreach, DashPort™ information management, program scheduling, training, guidance manuals, GIS, programmatic support, assistance with application review and contract development, and other TDRA assistance as needed

BOLIVAR PENINSULA



02/23/2009



HUD FUNDING

- Eligible program projects must have been:
 - Damaged as a result of Hurricanes Dolly or Ike
 - “Failed to Function” during Hurricanes Dolly or Ike
 - Exhausted other potential funding sources such as:
 - Insurance
 - FEMA
 - HMGP
 - Etc.
 - Very different regulations and rules as compared to other funding sources

PROGRAM DELIVERY VS. PROJECT MANAGEMENT

OWNERS NEED PROJECT DELIVERY WHEN:

- Project is straight forward and well defined
- Budget, delivery method and funding are determined
- Project is ready to execute
- Under one governance (i.e. City, County, Parish, etc.)
- Certainty exists

OWNERS NEED PROGRAM DELIVERY WHEN:

- Multiple projects in different stages or different delivery approaches
- Organizational capacity or experience is lacking
- Program is ambitious with;
 - Short schedule
 - Tight budget
 - Various scopes
- Multiple funding sources or unknown financing plan
- Need to modify statutes/ legislation for new delivery method
- Need to ensure value and accountability
- ... when there is uncertainty

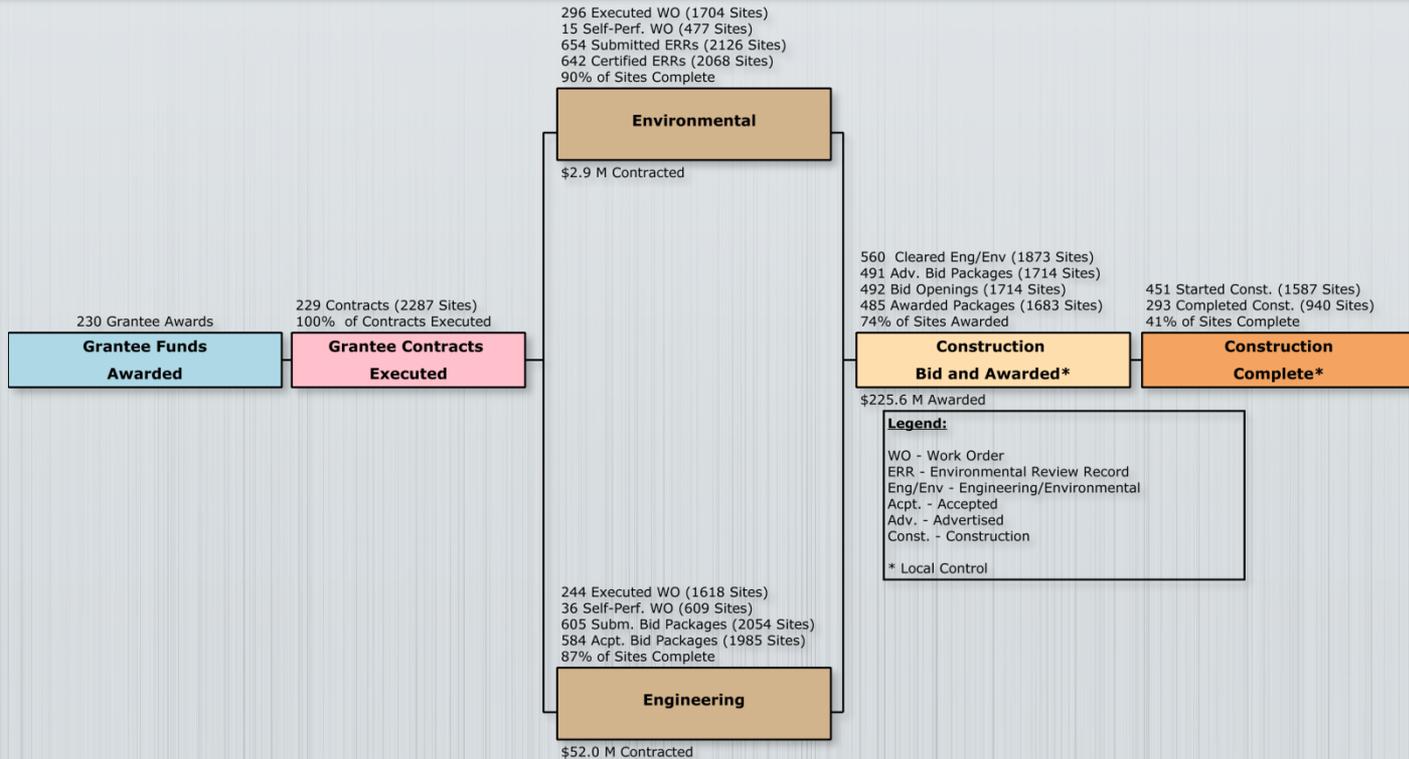
PIPELINE REPORT



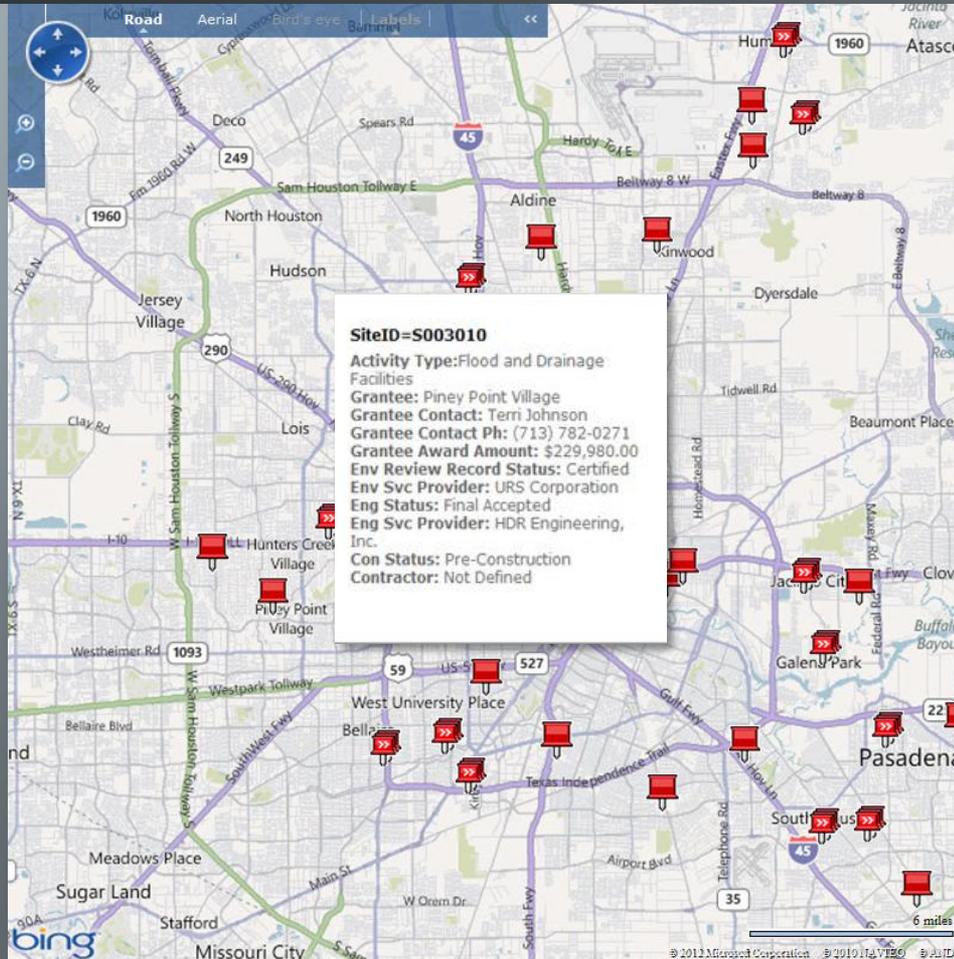
DISASTER RECOVERY PROGRAM

GLO PROGRAM PROCESS AND STATUS CHART - Round 1

Data as of 1/4/2012 4:00:57 AM



GIS MAPPING



SiteID=S003010
Activity Type:Flood and Drainage
Facilities
Grantee: Piney Point Village
Grantee Contact: Terri Johnson
Grantee Contact Ph: (713) 782-0271
Grantee Award Amount: \$229,980.00
Env Review Record Status: Certified
Env Svc Provider: URS Corporation
Eng Status: Final Accepted
Eng Svc Provider: HDR Engineering, Inc.
Con Status: Pre-Construction
Contractor: Not Defined

- Project Sites by COG**
(Hover over COGs for list of Counties)
- Ark-Tex COG
 - Brazos Valley COG
 - Central Texas COG
 - Coastal Bend COG
 - Deep East Texas COG
 - East Texas COG
 - Golden Crescent RPC
 - Houston-Galveston Area Council
 - Lower Rio Grande Valley Dev Council
 - South East Texas RPC
 - South Texas Dev Council

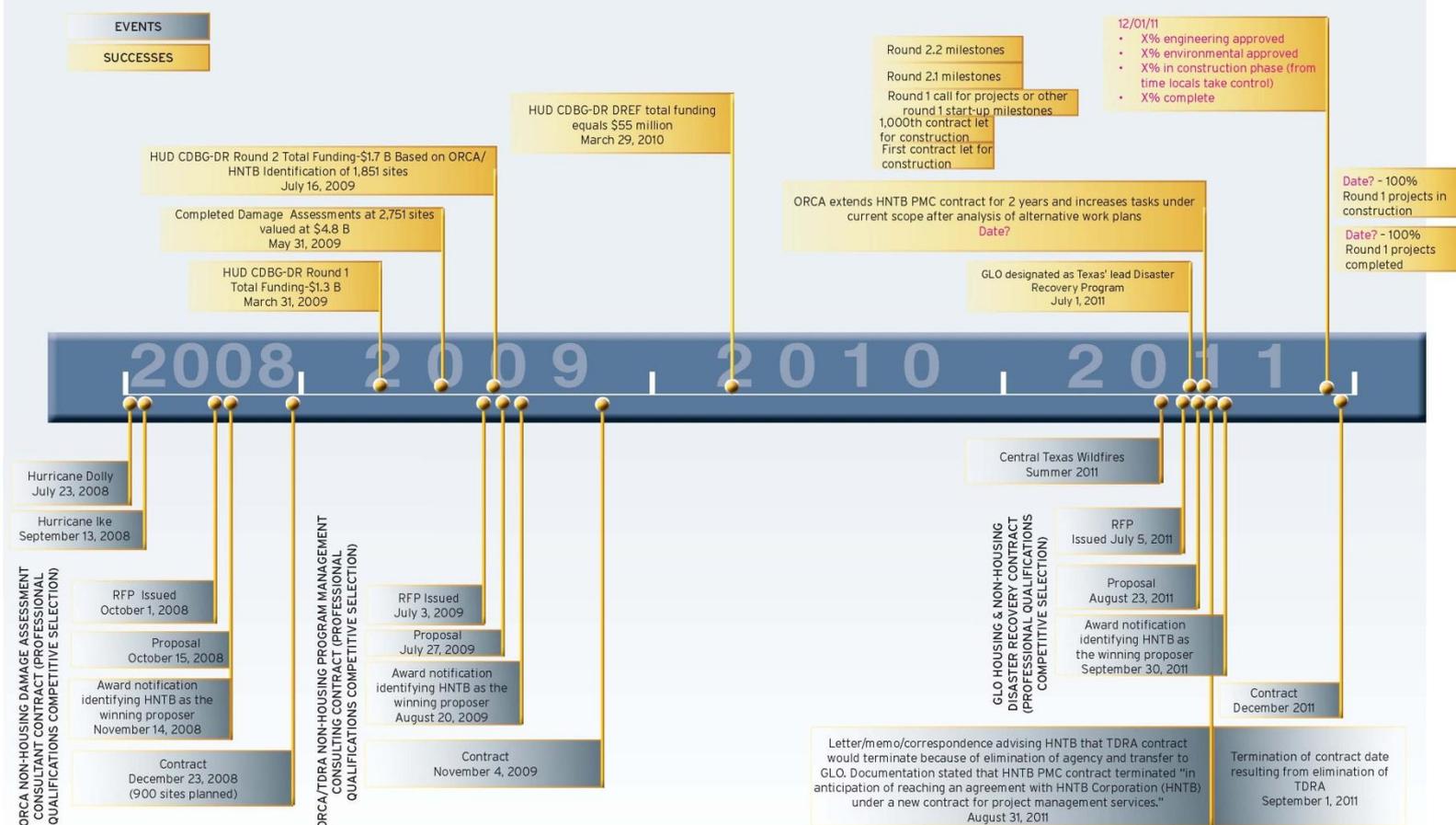
Search Results:

Search for a location:
(By Zip, Address, or City Name)

Settings

Show COG Color Fill

RESPONSE AND DELIVERY TIMELINE



INVOICE TRACKING

ITEM	TOTALS BEGINNING MARCH 1, 2011		
	GRANTEE/COG	SERVICE PROVIDERS	TOTAL
Received	657	1,618	2,275
Accepted	596	1,518	2,114
On Hold	32	7	39
Rejected/Notified	0	33	33
Withdrawn	15	49	64
Under Review	14	11	25

LEGISLATIVE REPORTING

Disaster Recovery Program for the State of Texas

(Round 1 Funded Project Sites)

562 Total Project Sites

61	Water Facilities (1a)
137	Sewer Facilities (1b)
50	Other Public Utilities (Gas) (3)
135	Street Improvements (4)
38	Flood and Drainage Facilities (5)
11	Neighborhood Facilities/Community Centers (6)
2	Senior Centers (7)
10	Fire Protection Facilities and Equipment (10)
7	Specialty Authorized Public Facilities and Improvements (14)
95	Clearance Demolition Activities (20)
6	Acquisition (24)
1	Planning Study (NOT TO EXCEED 16%) (31)

COGS Within or Intersecting District

COG	COG Allocated Amount	COG Contracted Amount
Houston-Galveston Area Council	\$360,974,400.00	\$341,972,219.00
South East Texas Regional Planning Commission	\$95,000,000.00	\$95,000,000.00
Total	\$455,974,400.00	\$436,972,219.00

Grantee Within or Intersecting District

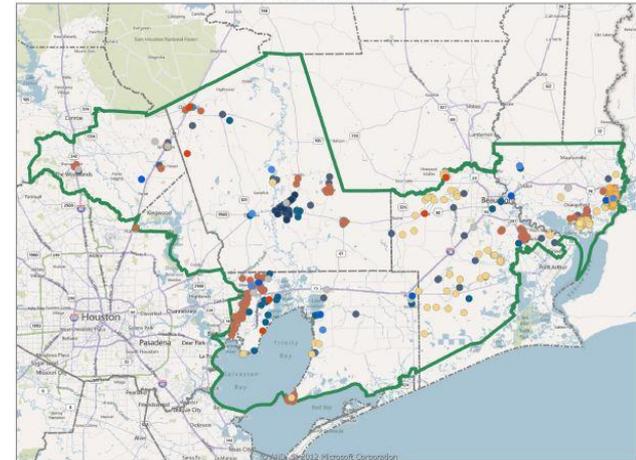
COGName	Grantee	Number of Sites	Allocated Amt	Total Amt	
Houston-Galveston Area Council	City of Amies	6	\$201,481.00	\$201,481.00	
	City of Anahuac	10	\$6,000,000.00	\$6,000,000.00	
	City of Baytown	23	\$12,059,494.00	\$12,059,494.00	
	City of Cleveland	8	\$1,917,110.00	\$1,917,110.00	
	City of Daingerfield	7	\$193,079.00	\$193,079.00	
	City of Dayton	2	\$1,436,156.00	\$1,436,156.00	
	City of Devers	13	\$77,679.00	\$77,679.00	
	City of Hardin	2	\$140,961.00	\$140,961.00	
	City of Humble	1	\$574,684.00	\$574,684.00	
	City of Liberty	67	\$2,025,000.00	\$2,025,000.00	
	City of Mont Belvieu	27	\$4,071,375.00	\$4,071,375.00	
	City of Oak Ridge North	1	\$625,000.00	\$625,000.00	
	City of Old River-Winfree	2	\$2,479,626.00	\$2,479,626.00	
	City of Plum Grove	1	\$173,659.00	\$173,659.00	
	City of Shandolph	3	\$455,677.00	\$455,677.00	
	City of Splendor	4	\$559,200.00	\$559,200.00	
	City of Woodbranch Village	2	\$40,153.00	\$40,153.00	
	County of Chambers	60	\$36,285,723.00	\$36,285,723.00	
	County of Liberty	11	\$6,851,703.00	\$6,851,703.00	
	County of Montgomery	4	\$595,251.00	\$595,251.00	
		Total	254	\$76,846,281.00	\$76,846,281.00

Disaster Recovery Program for the State of Texas

(Round 1 Funded Project Sites)

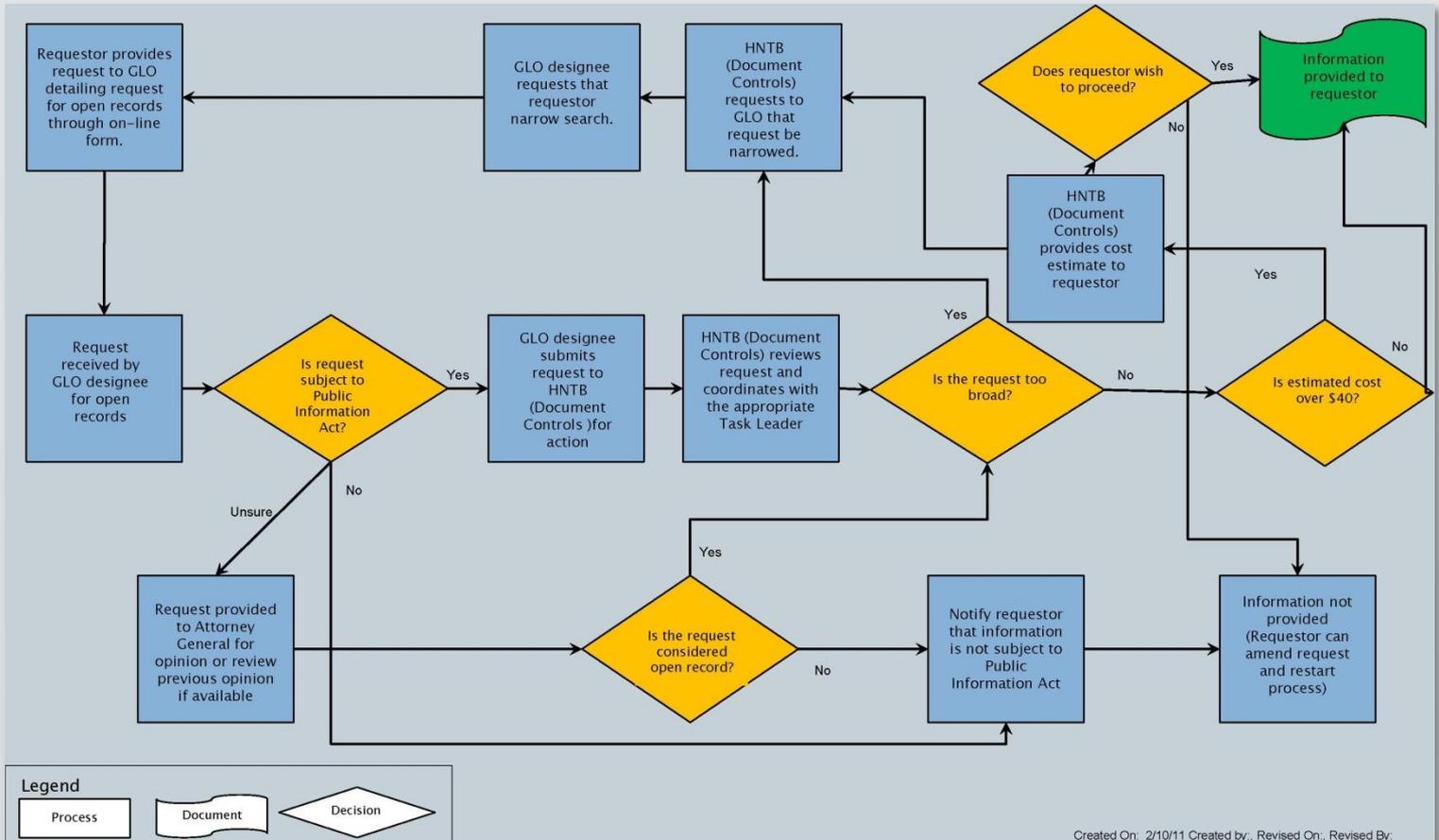
Texas Senator Tommy Williams District 4

Located Sites within District



Legend	
● Acquisition	● Neighborhood Facilities/Community Centers
● Clearance Demolition Activities	● Senior Centers
● Fire Protection Facilities and Equipment	● Sewer Facilities
● Flood and Drainage Facilities	● Specialty Authorized Public Facilities and Improvements
● Other Public Utilities (Gas)	● Planning Study (NOT TO EXCEED 16%)
● Street Improvements	● Water Facilities

STANDARD OPERATING PROCEDURES



PUBLIC INFORMATION

Kilgore turns key on backup generator



LES HAS SELL Kilgore Mayor Ronnie Spradlin turns the ignition key Monday on an emergency generator. Les Hassell News-Journal Photo
[Buy this photo](#)

Posted: Tuesday, October 28, 2010 12:00 am | Updated: 3:22 am, Tue Oct 26, 2010. By Glenn Evans gevans@news-journal.com (4 comment)

KILGORE — The first Texas fruits of a federal disaster relief program were unveiled Monday in Kilgore, but the real story unfolded the night before.

"We're the first one to have this part of this program," Kilgore Mayor Ronnie Spradlin said shortly before a ceremonial turning of the key on a diesel generator. But the generator had been switched on before.

Financed with federal disaster relief money released in the wake of Hurricane Ike, the two-week-old generator kept the city's water treatment plant treating water when power failed during storms that rolled across East Texas on Sunday night. A sister generator, provided in the same \$249,300 federal grant, pushed the treated water into the pipeline network feeding the city.

The backup generators are among \$1.3 billion in aid released to rebuild Texas coastal communities hit by Ike. Randy Young, deputy director of the Texas Department of Rural Affairs, said communities such as Kilgore that took in fleeing evacuees while facing the 900-mile-wide storm needed help to be ready for the next disaster.

Kilgore's water treatment plant was without power about 12 hours, Water Superintendent David Hackley said. Infrastructure so critical to public welfare is a priority for electric company crews, he said, but hospitals, nursing homes and similar facilities are first in line.

"When the opportunity came up to get this money, we naturally went for it," Hackley said. There was no local financial match, Spradlin said.

Young, whose state agency is administering the federal dollars, said Kilgore's was the first of 632 similar projects to be completed with the U.S. Department of Housing and Urban Development money.

"Ultimately, Kilgore is the first one that was in place, fired up, tested and ready to go," Young said to applause during a brief ceremony at the FM 349 water plant.

Related projects are approved or underway in Gregg County and the cities of Longview, Easton, Gilmer, Gladewater, Jefferson and Lakeport. Those include \$1 million for Gregg County to house people fleeing disasters and \$428,000 for Longview's wastewater treatment system.

QUESTIONS

FOR MORE INFORMATION

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