



US Army Corps
of Engineers
Mississippi Valley Division



Corps Hurricane Response

Task Force Hope Status Report Newsletter

May 12, 2010

The culmination of strong partnerships...

Plaquemines Parish Pump Stations up and running

*13 non-Federal
pump stations repaired
in Plaquemines Parish
all at 100%
Federal expense*

by Susan Spaht

The Corps of Engineers has completed post-Katrina repairs to 13 non-Federal pump stations in Plaquemines Parish at a cost of \$19.2 million. The repairs were 100% Federally-funded.

During ceremonies on April 20, the Corps officially turned over the repaired pump stations to the parish which will resume responsibility for operations and maintenance.

Congress authorized and funded Corps to repair 61 pump stations in four-parish area.

“This is a culmination of a strong partnership between Plaquemines Parish and the



This horizontal pump was included in the repairs to the Hayes Pump Station in Plaquemines Parish. Other repairs at Hayes included two new diesel drive engines and two chain drive pumps.

USACE Photo by Billy Brown

Corps of Engineers,” said Col. Robert Sinkler, Commander of the Hurricane Protection Office, during the official transfer ceremonies. “Together we have repaired and restored many of the parish’s hardest-hit pumping stations. The citizens of Plaquemines Parish will now benefit from a reliable system of drainage pump stations.”

Following Hurricane Katrina, Congress authorized and funded the

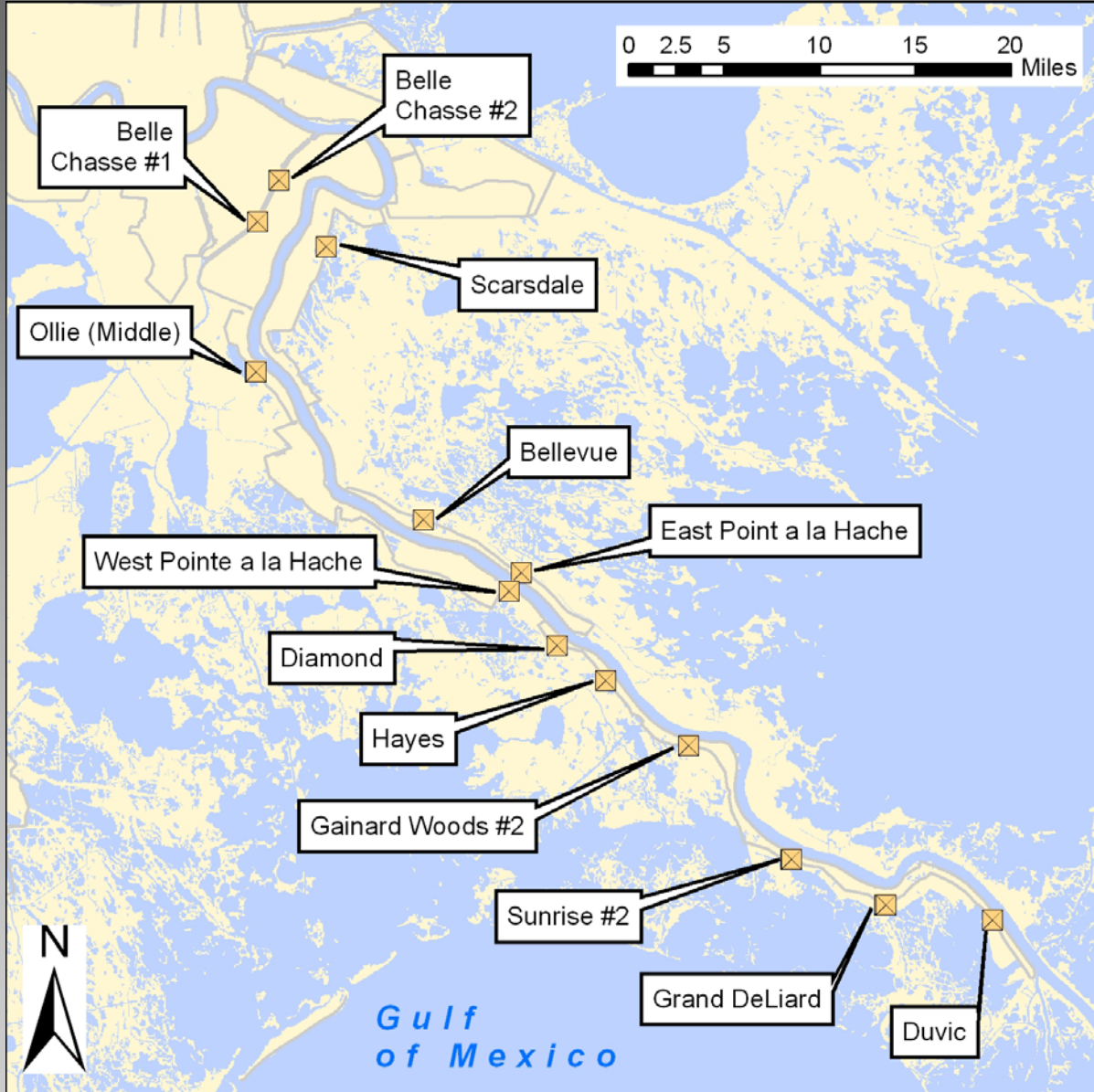
Corps of Engineers to repair 61 pump stations in the four-parish area of Orleans, Jefferson, St. Bernard and Plaquemines parishes. Upon completion of the repairs, local or state agencies (depending on the

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13 Plaquemines Parish Pump Stations repaired by Corps of Engineers



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parish) resume daily operation and maintenance of their pump stations. All pump station repairs in the four-parish area are now complete, with the exception of the Elaine Pump

Station in Orleans Parish. That facility is presently undergoing repairs and will be operational in July 2010.

Pump station work in Plaquemines Parish included repairing or replacing vacuum pumps, compressors,

generators, fuel systems, domestic water systems and trash screens as well as site work and miscellaneous building repairs.



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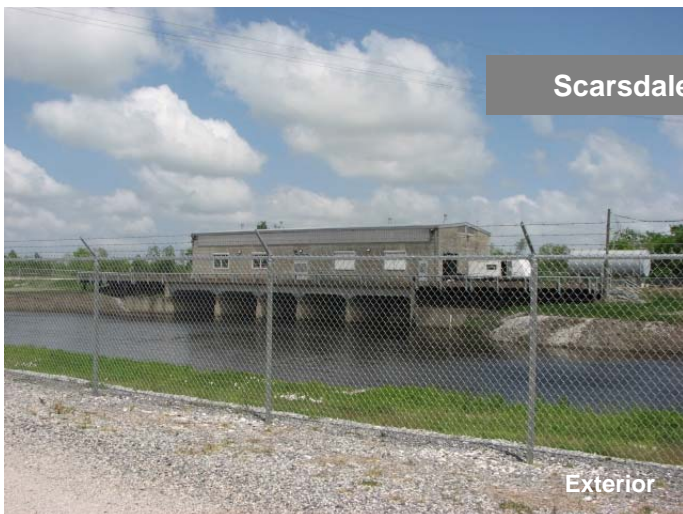


Touring the Scarsdale Pump Station after the official turn-over ceremonies on April 20 were, from left, John Ashley, Chief of Existing Pumps; Col. Robert Sinkler, Commander of the Hurricane Protection Office; and Angelo Alimina, Drainage Supervisor for Plaquemines Parish.

Photo by Paul Floro

“The Corps and their contractors did a really great job repairing our pump stations. The people of Plaquemines can be secure in knowing we now have a strong and reliable drainage system in place.”

- Angelo Alimina, Drainage Supervison, Plaquemines Parish



Scarsdale Pump Station

Exterior



Interior

Photos by Nick Silbert

Corps construction sites now available online via

LIVE Remote Video Surveillance

www.eg-rvs.com

http://www.eg-rvs.com/ - Microsoft Internet Explorer provided by USACE, New Orleans District

http://www.eg-rvs.com/

BC EVANS-GRAVES ENGINEERS, INC. **LIVE Remote Video Surveillance LIVE** EVANS-GRAVES.COM
Equipped with GPS Tracking Device & Infrared NightVision Cameras

Job Site Surveillance Station Image Page

WBV-90 STATION 01 - Pump Station

05/05/2010 Select Image Date

Time: 23:00 ** Temp: 60° ** Wind: 0 mph. ** Wind Dir.: 350° (N) ** Rainfall This Hour: 0 mm. ** Humidity: 100% ** Barometer: 30.03" Hg

PSV 1 05/05/2010 10:13 PSV 2 05/05/2010 10:13 PSV 3 05/05/2010 10:13 PSV 4 05/05/2010 10:13 PSV 2 05/05/2010 10:14 PSV 3 05/05/2010 10:14 PSV 4 05/05/2010 10:14 PSV 5 05/05/2010 10:14 PSV 6 05/05/2010 10:15

Time: 23:00 ** Temp: 60° ** Wind: 0 mph. ** Wind Dir.: 350° (N) ** Rainfall This Hour: 0 mm. ** Humidity: 100% ** Barometer: 30.03" Hg

PSV 1 05/05/2010 09:14 PSV 2 05/05/2010 09:14 PSV 3 05/05/2010 09:14 PSV 4 05/05/2010 09:15 PSV 2 05/05/2010 09:15 PSV 3 05/05/2010 09:15 PSV 4 05/05/2010 09:15 PSV 5 05/05/2010 09:16 PSV 6 05/05/2010 09:16

Time: 23:00 ** Temp: 60° ** Wind: 0 mph. ** Wind Dir.: 350° (N) ** Rainfall This Hour: 0 mm. ** Humidity: 100% ** Barometer: 30.03" Hg

PSV 1 05/05/2010 08:15 PSV 2 05/05/2010 08:16 PSV 3 05/05/2010 08:16 PSV 4 05/05/2010 08:16 PSV 2 05/05/2010 08:16 PSV 3 05/05/2010 08:16 PSV 4 05/05/2010 08:16 PSV 5 05/05/2010 08:17 PSV 6 05/05/2010 08:17



By Susan Spaht

The world is watching as the Corps of Engineers builds some of the biggest, longest and most unique projects in the world as part of the Hurricane and Storm Damage Risk Reduction System (HSDRRS) for the greater New Orleans area. Engineers, architects, elected officials, academics and others are coming from all parts of the country - and from around the world - to watch these structures rise out of the ground. Some of the larger projects have even been featured on television shows like Build It Bigger, Discovery, Dan Rather Reports, The Weather Channel, Jeopardy and National Geographic.

And now everyone can watch the construction work on a daily basis via the Corps' new **Remote Video Surveillance** project, available at www.eg-rvs.com. The surveillance cameras capture trucks arriving and unloading, cranes lifting steel, pile drivers hammering, barges unloading materials, and construction workers scurrying about on three major HSDRRS projects:

- the **West Closure Complex**, at the confluence of the Algiers and Harvey canals;
- **LPV 101 – 17th Street Canal at Topaz Street**; and
- **LPV 111 – Deep Soil Mixing** in New Orleans East.

All are major in-progress construction sites. The West Closure Complex project, one of the two largest in the System, is even working at night under lights - and that work is captured by the cameras too.

The new video cameras, which were set up at the beginning of the year, provide valuable weather data, wind speed, humidity and rainfall on the construction sites at any given day and time. In addition to setting a permanent construction record, this visual information allows the Corps and its contractors to monitor the construction process remotely and make any needed changes or adjustments.

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Remote Video Surveillance cameras *capturing construction action*



The Remote Video Surveillance project consists of four waterproof surveillance stations like the one shown above. Each station is equipped with four cameras that can be programmed to provide video and still shots of specific construction locations at regular time intervals. These stations record, store and make available site imagery via DVD, and are available via the internet.

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In the event of an equipment failure or other emergency, the availability of visual access expedites a rapid response.

When you enter the Remote Video Surveillance Web site it will ask you which construction project you want to view. When you make that selection, it will display that day's images.

You can click another button and view the construction work from any day of the month you wish. You can also click on an individual image to view it in a larger format.

The world is watching as the Corps and its contractors build some of the most unique construction projects ever....and now you can too.



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The *Status Report Newsletter* supports the information program for Task Force Hope and its stakeholders.

It also serves as the primary tool for accurately transmitting the Corps' hurricane risk reduction efforts to stakeholders.

This is an online publication that is open to public distribution.

This issue and past issues can be found at:
<http://www.mvn.usace.army.mil/hps>

Comments and questions may be sent to the

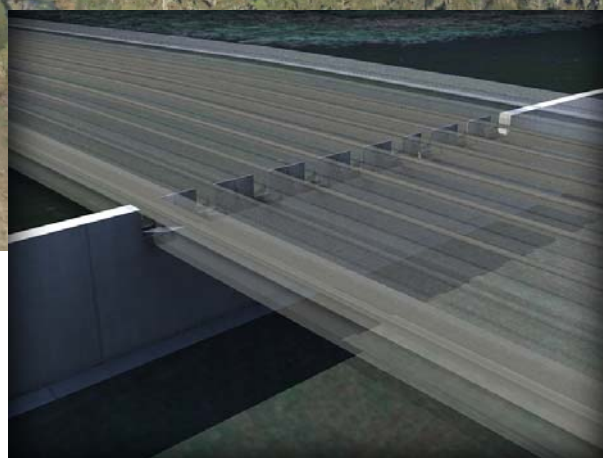
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Status Report Newsletter

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USACE Illustration and Photo

Construction under I-310 presents unique engineering challenges

By Susan Spaht

The Corps of Engineers recently awarded an \$11 million contract to Cajun Constructors Inc. of Baton Rouge for construction of a floodwall under the elevated ramps and bridges of the I-310 interchange just north of Airline Highway on the east bank of St. Charles Parish. When completed, the floodwall will become part of the Hurricane and Storm Damage Risk Reduction System (HSDRRS) the Corps is constructing over a five-parish area.

“Depending on the contractor’s construction methods, this type of construction has the potential to cause

significant disruption to traffic flow,” said Jeannine Amos, Project Manager. “But Cajun Constructors was able to engineer construction so that all work will be done from the ground and will not affect traffic patterns at all.

“Cajun will use equipment and construction techniques that are specially-suited to low-headroom areas, like the area beneath the ramps and bridges of the I-310 interchange, and in the confined area between the I-310 north and southbound bridge lanes.”

The contract calls for construction of approximately 1,800 linear feet of T-walls to an elevation of +15.5 feet

using over 4,000 cubic yards of reinforced concrete. The contract also includes the construction of an access swing gate that will allow for passage of service vehicles to operate and maintain the floodwall. The new floodwall will tie into the existing levee on both sides. Once complete, the project will provide 100-year level risk reduction for residents and businesses in St. Charles Parish.

The Corps is sharing project responsibilities with its non-Federal partner, the Office of Coastal Protection and Restoration, in coordination with the Pontchartrain Levee District. The project is scheduled for completion in spring 2011.

