



# ASCE®

## American Society of Civil Engineers

### SHREVEPORT BRANCH

November 2006 Issue

## President's Message

**By Elba Hamilton, EI,  
President**

Last month we started our monthly meetings at the University Club with more than forty members, including eight students from Louisiana Tech attending. If you were not able to attend the October meeting, Keith Tindell, the district traffic engineer for the Louisiana Department of Transportation and Development (DOTD) District 4, based in Bossier City, was the speaker. Keith briefed us on the biggest Intelligent Transportation System (ITS) project ever permitted in Louisiana. Thank you Keith for coming to talk to our group!

Also at the meeting, Mark Jusselin made an important announcement on behalf of the Louisiana Professional Engineering and Land Surveying Board (LAPELS). I encourage everyone to read Mark's article about the new rule/policy affecting multiple exam takers on page two, and inform others that may not be aware of the changes.

This month's meeting will be especially interesting for those of you in the water resource and environmental field working with projects located in cities affected by the Environmental Protection Agency's Long Term 2 Enhanced Surface Water Treatment Rule. The speaker for this meeting will be our own Barbara Featherston. Barbara is one of the principals of Camp Dresser and McKee, Inc

(CDM) in Shreveport. She has also been ASCE Louisiana Section and Shreveport Branch President. Refer to the article on page 5 for more information.

On another note, the Spring Conference that the Branch will be hosting in Shreveport has been set for March 22 – 23, 2007. Please make plans to attend the conference that will take place at the Clarion Hotel in Shreveport. This is a great way of networking with other engineers in the State while earning Professional Development Hours. We are still looking for speakers and vendors that will be available to come to the conference and would really appreciate your ideas and insight on this matter. If you know of someone that would be a great speaker for the conference or if you are interested in a particular topic please let us know, as we would like to accommodate your request while we are searching for speakers. Also, if you have any other ideas on the conference itself, please feel free to let me know at [ehamilton@afjmc.com](mailto:ehamilton@afjmc.com).

Additionally, please be sure to read the article about the Shreveport Regional Air Cargo Facility and Infrastructure. The article written by Scott Hughes, of Alliance, Inc is the first in our Project Spotlight series. It will give you more information about the new facility and the new development at Shreveport Regional Airport. I would like to thank Scott for shar-



ing with all of us about one of his projects and Rusty Cooper for heading up our Project Spotlight series. If you would like to enter one of your recently completed projects in our newsletter please let Rusty know at [rcooper@alliance-ae.com](mailto:rcooper@alliance-ae.com). Remember that if your project is selected to be in our newsletter, you will receive a gift certificate for dinner for two at a local restaurant.

Last but not least, as we reflect on all the reasons to be thankful for this Thanksgiving, I would encourage you to consider contributing to our canned food drive to benefit Providence House. This will be the third year that we sponsor this event. Our food drive is another way to serve the community in which most of us work and live. If you would like to help deliver the contributions to the Providence House the week of Thanksgiving, please contact via email, Sai Eddanapudi at [sairiam.eddanapudi@psiusa.com](mailto:sairiam.eddanapudi@psiusa.com) or Jarred Corbell at [jcorbell@afjmc.com](mailto:jcorbell@afjmc.com)

As always, please let me know if you have any suggestions for our branch, including topics and speakers for our meetings. I love to hear from you! See you Thursday, November 16 at the AGC Building for our monthly meeting.

### Inside this issue:

President's Message	1
New LAPELS Rule	2
3 <sup>rd</sup> ASCE YMG Thanksgiving Food Drive	2
Project Spotlight SRA Air Cargo Facility and Infrastructure	3-4
The Long Term 2 Enhanced Water Treatment Rule	5
Local Projects Underway	5
Professional Advertisements	6-7
Recap of October ASCE Meeting	8

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[cgoodwin@alliance-ae.com](mailto:cgoodwin@alliance-ae.com)

## Next Monthly Meeting

- ... **Date:** Thursday, November 16, 2006
  - ... **Time:** 11:45 am
  - ... **Location:** AGC Bulding
  - ... **Speaker:** Mrs. Barbara Featherston PE, BCEE (See Article, Page 5)
  - ... **Cost:** \$15.00 PLEASE RSVP to Cody Goodwin at [cgoodwin@alliance-ae.com](mailto:cgoodwin@alliance-ae.com) or call 318-221-7501
- A PDH Will Be Offered**



## New Rule/Policy Affecting Multiple Exam Test-Takers

**By Mark Jusselin, PE**

The Louisiana Professional Engineering and Land Surveying Board (LAPELS) has as its main purpose to ..... "safeguard life, health, and property, and to promote the public welfare.....". Rules and policies are developed to address a variety of issues affecting the public as well as registrants.

Recently, the Board acted on an issue that Board members believed did not protect the public. The issue was multiple test-takers. The Board was made aware that we have some taking and failing the PE exam numerous times. To re-take the exam, the test taker merely submits a letter request and the appropriate exam fee and is scheduled for the next test cycle (6 months). A rule change took effect in September 2006 requiring a license candidate that has failed the exam 3

times to sit out 2 exam cycles (1 year) before being allowed to be re-scheduled for the next exam. After 2 more failures (total 5 failures), the candidate must sit out 2 exam cycles (1 year) and show evidence of completion of an "approved" exam review course acceptable to the Board. After 1 more failure (total 6 failures) and each successive failure, the candidate must sit out 2 exam cycles (1 year) and show evidence of completion of an "approved" exam review course acceptable to the Board.

Similarly, a new policy took effect in September 2006 stating that if an individual has failed an examination 4 or more times, following each successive failed exam, he/she must submit a new application prior to being eligible to re-take the exam. The problem this policy addresses is multiple test-takers never having to update their

work experience and provide updated references. This change will allow the Board to verify the candidate is getting experience acceptable to the Board as well as make sure he/she can provide the required references.

I believe that most of the license candidates take very seriously the idea of the need to prepare for the exam. The condition prior to the new rule and new policy allowed for candidates to not be prepared and merely re-schedule (over and over) for the next test cycle. I applaud the LAPELS Board for taking this stand. This reminds all those seeking licensure that it is a serious issue to become a licensed professional in the state of Louisiana. The Board is working very hard to make sure that the public is protected as they choose and rely on the licensed professional.

*If you received a hard copy of the newsletter but not a digital copy, please send your correct e-mail address to Cody Goodwin at: [cgoodwin@alliance-ae.com](mailto:cgoodwin@alliance-ae.com) or call 318.221.7501. We cannot deliver your notices and newsletters if we do not have your correct address.*

## 3<sup>rd</sup> ASCE YMG Thanksgiving Food Drive

**By Jarred Corbell**

The Younger Member Group of ASCE Shreveport Chapter is collecting non-perishable food items to benefit the Providence House. In support of our efforts, we are asking for your help in participating in this community service by placing non-perishable food items in designated boxes. Boxes will be provided at the ASCE November meeting on Thursday, November 16<sup>th</sup>. Please take a box to your office and

let your coworkers know about the food drive. If you are unable to attend the November meeting and would like to participate, let us know so arrangements can be made to deliver a box to your office. Donations will be collected until Tuesday, November 21<sup>st</sup>. Everyone did a great job last year and I hope we can continue that effort through this year. For more information please contact Elba Hamilton at [ehamilton@afjmc.com](mailto:ehamilton@afjmc.com) or Jarred Corbell at [jcorbell@afjmc.com](mailto:jcorbell@afjmc.com)

Thank you for your thoughtfulness and consideration.



## Project Spotlight: Shreveport Regional Air Cargo Facility & Infrastructure

**Firm: Alliance Inc.**

**Project Manager: Scott Hughes, P.E.**

During the last fifteen to twenty years, there has been exponential growth in the amount of cargo transported by air. Shreveport Regional Airport has also experienced dramatic increases in cargo activity during that time and this trend is expected to continue.

Currently, cargo off-loading and loading takes place on the General Aviation (GA) ramp. During peak times (dark hours), the GA Ramp is congested with people, equipment, cargo aircraft and general aviation aircraft. As a result, safety has become an issue.

Due to operational and safety concerns and in accordance with the airport master plan, the goal of this project is to relocate all cargo operations to the west side of the air field to separate this type of operation from commercial and general aviation operations.

Phase I consisted of constructing the West Cargo Apron & Connector Taxiway. The West Cargo Apron is approximately 9.2 acres of 16" thick concrete and provides ample area for aircraft parking and for the safe operation of equipment required for loading and unloading of cargo aircraft.

In addition, a taxiway connecting Runway 14-32 to the cargo apron was required. Taxiway "L" is just over 1050 feet long by 75 feet wide and is 16" thick concrete pavement. Construction of this phase of the project was completed in 2005 (see photograph below).

Phase II, Service Road/Perimeter Road and Fencing, is currently under construction. This project provides access to the West Cargo Apron from Hollywood Avenue, realigns the existing airport Perimeter Road and provides security fencing to accommodate the planned Air Cargo Facility. Construction of Phase II is expected to be complete in early 2007.

Construction of the Air Cargo Facility shall take place in Phase III. Plans for the facility include two buildings for sorting and distribution activities and multiple parking areas for tractor/trailers and employees. The figure shown on Page 4 illustrates the project by phase.

Construction of all phases, and subsequent operation of the facility, shall accomplish the Shreveport Airport Authority's goal of segregating the air cargo operations from commercial and general aviation and should facilitate a safer airport.



Shreveport Regional Airport: Air Cargo Facility



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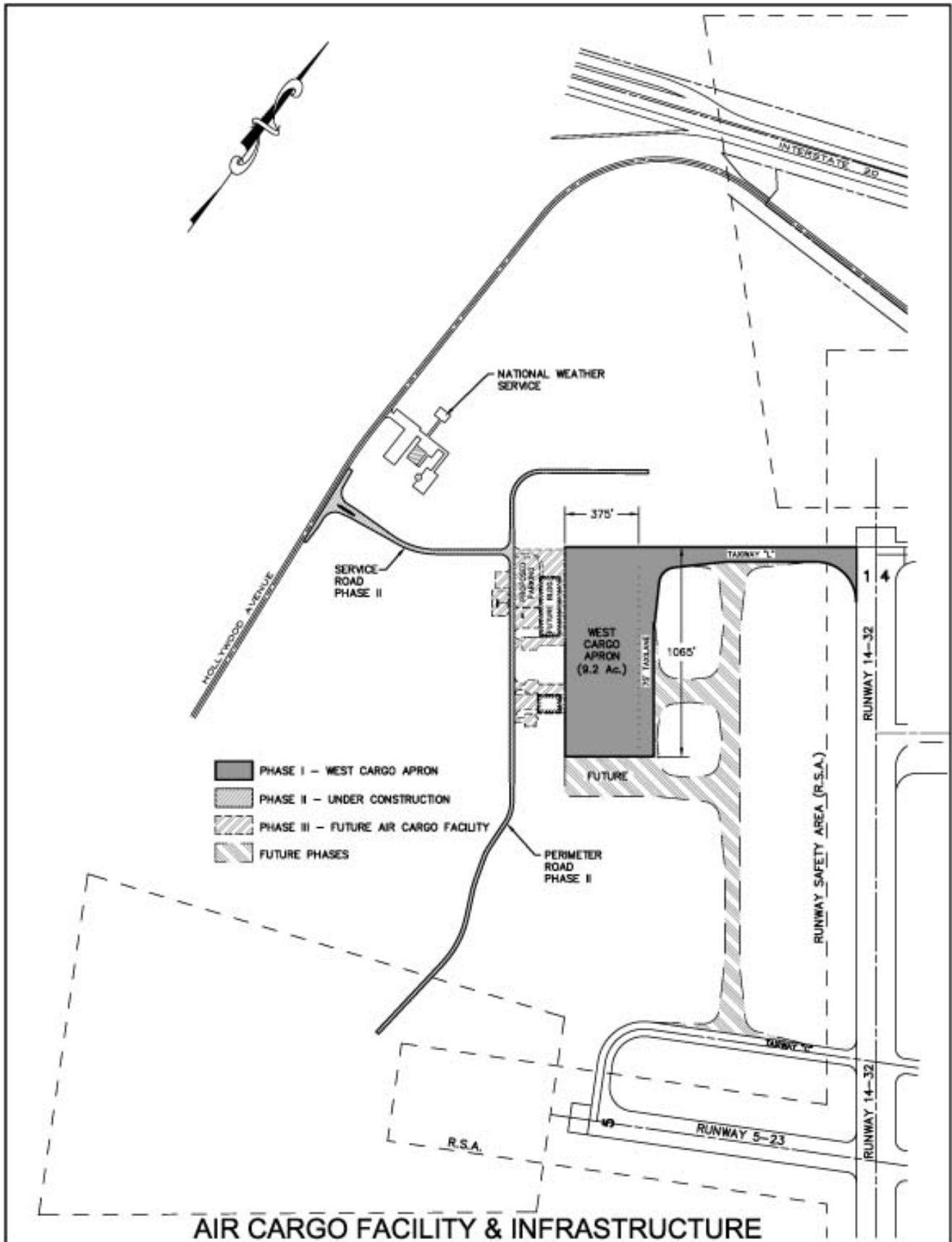
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*LaTech is Hosting the 2007 Deep South Conference and Needs Sponsors. Contact the LaTech ASCE Chapter President Nathan Linhardt at*

*[nateus701@yahoo.com](mailto:nateus701@yahoo.com)*

*for more information.*





## The Long Term 2 Enhanced Water Treatment Rule

By Cody Goodwin, EI, LSI

For this month's monthly meeting Barbara E. Featherston will give a presentation on the "Long Term 2 Enhanced Surface Water Treatment Rule." This is a newly enacted rule which applies to all surface water treatment plants and ground water systems that are under the direct influence of surface water. Locally, both Shreveport and Bossier are affected by

this rule. The rule expands on previous rules to reduce exposure to microbial contaminants, in particular *Cryptosporidium*. Refer to the following link for more information and details on the "Long Term 2 Enhanced Surface Water Treatment Rule."

[http://www.epa.gov/safewater/disinfection/lt2/regs\\_factsheet.html](http://www.epa.gov/safewater/disinfection/lt2/regs_factsheet.html)



## Local Projects Underway



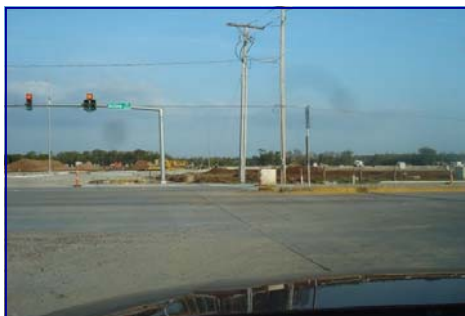
Benton Road Overpass



Shreveport/Barksdale Red River Bridge



Swan Lake Utility Work



Construction at Airline Drive and I-220



Benton Road Overpass Construction




Youree Drive Construction

During this Thanksgiving Holiday, the ASCE Branch is very thankful for our members. You are the force behind many of our projects that are shown in these photographs. We are also thankful for your dedication and service to the community. It is a joy for us to drive around town and see your projects come to life as we see them under construction.

Have a great Thanksgiving and know you are appreciated by all of us.

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“ASCE Shreveport News” is published ten times a year (August—May). Any suggestions or comments on the format or content are welcome. News on members, the Section or the profession should be submitted to the Branch Secretary.

**Recap of October ASCE Meeting**

**By Cody Goodwin, EI, LSI**

I would like to extend thanks to Mr. Keith Tindell for speaking at the October ASCE Monthly meeting. Mr. Tindell was very informative of the ongoing ITS project. Mr. Tindell gave great insight on existing problems in the Shreveport/Bossier area Transportation System and what is being done to correct these problems with the funding available. Mr. Tindell will notify me when the project is completed and at that time he will be offering an open house for anyone who wants to see the system at work.

Also at last month’s meeting Ashley Sears was presented a plaque for her leadership as Branch President for the 2005-2006 year. Ashley is currently employed with Aillet, Fenner, Jolly and McClelland, Inc in Shreveport, Louisiana as a structural engineer. She has served the Branch as Secretary and President. She currently serves the Branch as Past President. Ashley continues her assistance by helping with the preparation for next year’s Spring Conference. Thanks Ashley for your dedication and service to the Shreveport Branch.



*Ashley Sears (right), Rusty Cooper, Elba Hamilton*