

# DRAINAGE WORKSHOP AGENDA

## AUGUST 10 - 12, 2010

Due to the big response from area contractors to the March drainage workshop in Champaign, an additional workshop has been set for Champaign this August. The first two days will cover the same information presented at the survey and design sessions in March with the third day dedicated to more advanced drainage topics.

Topics for the survey and design days are: **Understanding Latitude/Longitude; Introduction to GPS; Laser Guided Land Leveling; Field Session - Laser surveying; Excel Lat/Long Converter; Field Data Analysis; Drainage Design, Drainage Coefficients; Soil Properties, Illinois Drainage Guide and Resource Mgmt. Mapping Service.**

The advanced drainage class will include **RTK and AGPS Mapping & Machine control technologies and the possibility of a water table control structure installation at the South Farm.**

To accommodate more attendees, the class venue has been moved to the I-Hotel, which also provides a wireless internet connection in the conference space. It is within 2 miles of the university's South Farm and the hotel will provide



shuttle service to the site for all attendees at no extra charge. A room block has been secured at the I-Hotel running \$125 per night, (normal pricing is \$145) however, there are many hotels in the area that may be more reasonably priced.

Please note that laptops will be VERY helpful for the survey and design workshop and that parts of both drainage sessions will be held outside so plan to dress accordingly. All sessions qualify for CEU for the ILICA certification program.

### Basic Drainage Survey & Design Workshop

**August 10th: 9 am - 5 pm** (lunch & breaks included)

**August 11th: 8:30 am - 4 pm** (lunch & breaks included)

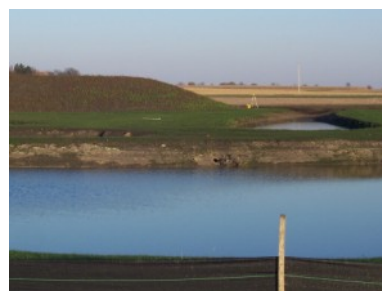
### Advanced Drainage Workshop

**August 12th - 8:30 am - 5 pm** (lunch & breaks included)

# EROSION CONTROL WORKSHOP AGENDA

## AUGUST 18 - 19, 2010

Expecting a similar response from area contractors as seen with the drainage workshop, our first erosion control workshop will also be held at the I-Hotel, providing a larger venue while furnishing free shuttle service to the South Farm for the field exercise sessions. Dr. Kalita has the first module, which is mandatory for the program, completed and in the hands of IDOT for their approval. Once classes conclude next week, he will focus all of his attention on completing the other 4 modules and installing the rain simulator over the berm. By



### Erosion Control Workshop Fundamental Module

**August 18th: 9 am - 2 pm:** Basics of Erosion & Hydrology, Regulations for SWPP, Sediment & Erosion Control (lunch & breaks included)

**2 - 4 pm:** - Field session at South Farm

**August 19th: 8:30 am - 3 pm:** Design and Maintenance, Inspections, Testing (lunch & breaks included)

*ILICA Certification will be given at the conclusion of both workshops, August 12th and August 19th, for any interested contractors.*

the time our contractors arrive in Urbana for the August workshop, Dr. Kalita will have completed his "pre-beta" run through with engineers, contractors and IDOT personnel to evaluate the program and recommend any changes, prior to the first formal session.

The Fundamental Module covers the basics of all the topics that are covered in-depth in the other modules. This overview is mandatory before taking the other modules and will include erosion and hydrology, regulations for storm water pollution protection, sediment and erosion control, the design and maintenance of practices and inspections. Although the module can be covered in one long day, the ILICA workshop will provide additional time for the field session and allow more time for discussion during the classroom portion. The tentative agenda is listed below and the registration for both August workshops can be found on the following page.