

**THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
MINUTES OF THE ENGINEERING-PLANNING COMMITTEE
MEETING
June 30, 2011**

The Illinois State Toll Highway Authority held an Engineering-Planning Committee Meeting on Thursday, June 30, 2011 at approximately 8:00 a.m. at the Central Administration Building in Downers Grove, Illinois. Directors on the Committee in attendance were as follows:

Committee Director Tom Canham
Director Maria Saldaña
Director Carl Towns

Committee Chairman Canham called for approval of the Minutes of the Engineering-Planning Committee meeting held on May 26, 2011. Director Saldana moved for approval; seconded by Director Towns. The motion was approved unanimously.

Committee Chairman Canham called on Chief Engineer, Paul Kovacs. Mr. Kovacs requested approval of the following:

Full Release of Retainage on Contract No. I-07-5233 to Plote Construction, Inc. on the Northbound Tri-State Tollway (I-94) Milepost 65.0 (IL Route 137/Buckley Road) to Milepost 70.5 (South of Stearns School Road) in the amount of \$160,000.

Director Saldana moved for approval; seconded by Director Towns. The motion was approved unanimously.

There being no further business, Director Saldana moved to adjourn; seconded by Director Towns. The motion was approved unanimously.

Meeting adjourned at approximately 8:05 a.m.

Director Canham made a motion to reconvene the Engineering Committee meeting at 8:05 a.m., seconded by Director Towns.

Committee Chair Canham introduced Jeff Redding, Chief of Operations, to give a presentation on the Tollway's Energy Consumption Baseline and Alternative Energy Assessment.

Mr. Redding reminded the Directors that Executive Order 11, issued in 2008, requires, in part, a 25% reduction in electrical and gas consumption at State facilities by 2025. In response to that order, the Tollway commissioned an energy assessment which was conducted by ElectriTech Inc. located in Naperville, IL. ElectriTech found that the Tollway: (1) is a large energy consumer that spends approximately \$5.1 million annually for gas and electric; (2) had not historically tracked, analyzed and managed its energy consumption; (3) had many opportunities to invest in energy efficiency improvements; (4) has the potential to lower utility rates and has viable alternative energy applications options.

ElectriTech recommended that the Tollway: (1) develop a system to track and monitor billing information; (2) authorize energy audit for 2009 and 2010; (3) define internal responsibility for procurement and usage; (4) develop an energy consumption policy for operations and construction; (5) review the energy procurement process; (6) perform energy efficiency analysis for Tollway facilities; (7) implement energy efficiency improvements that have an acceptable payback; (8) and install a demonstrative wind and/or solar application authorize energy.

Mr. Redding indicated that in response to ElectriTech's recommendations, the Tollway has taken the following actions to date: (1) assigned staff to database management and bill process; (2) reviewed state energy procurement process; (3) investigated the feasibility of independent power procurement and (4) recently wrote the initial draft of an environmental and energy policy statement. Other actions

highlighted by Mr. Redding can be found in the attached PowerPoint presentation. [insert presentation]

Chair Wolff asked whether the Tollway is required to use CMS for energy procurement. Mr. Redding responded that management is determining whether the Tollway is required to use CMS and whether other procurement options are cost-effective.

Chair Wolff asked whether there is a way to track the short-term cost and long-term cost savings of energy investments made at the Tollway. Mr. Redding indicated that he is looking into a number of options in which the vendor supplies the equipment at no cost and receives payment equal to a certain percentage of actual cost savings. He also indicated that the Tollway is looking into grant opportunities for energy reduction projects.

Director Morris commended Management for the implementation of various cost-saving and energy reduction measures over the last 18 months. Going forward, he would like **to get feedback from the staff on how to keep moving forward with larger scale energy reduction projects such as the use of windmills for electrical energy, etc.**

Chair Wolff suggested that the Tollway provide updates on the website about energy efficiency projects underway at the Tollway.

There being no further business, Director Canham moved to adjourn; seconded by Director Towns. The motion was approved unanimously.

Minutes taken by: _____

Tranece Artis
Board Secretary