

TRAFFIC SIGNAL SUBCOMMITTEE

State Highway Administration
Office of Traffic and Safety
Monday, June 22ND, 2015
10:00 A.M.

1. WELCOME AND INTRODUCTIONS:

Mr. Ben Myrick welcomed everyone to the Office of Traffic and Safety (OOTS) for the summer meeting of the signal subcommittee. After a quick round of introductions and review of the February meeting notes, he invited the guests from Traffic Technology Services and Trafficware to talk about their products and services.

2. TRAFFIC TECHNOLOGY SERVICES (TTS)

TTS is a technology firm specializing in data content for Connected Vehicle applications and services. It includes expert team of traffic engineers, data scientists, and programmers and inventors of patent-pending technology. Shareholders include Heusch Boesefeldt, outside investors, and employees. The firm is incorporated in Delaware with headquarters in Portland, Oregon. Their customers include AUDI, BMW.

Mr. Kiel Ova provided an overview of their product, the Personal Signal Assistant, that can provide information on current signal status, predicted switch times, speed limits, phase assignments, etc. It works with all traffic signal technology and hardware, and uses standard ITS communication infrastructure and data protocols. It has a limited bandwidth footprint from TMC/intersection to TTS servers. Customer transmits to vehicle or mobile device via 3G/4G/LTE wireless data communication.

Mr. Ova noted that the personal signal assistant has applications in the automotive industry, commercial fleets, and for transit operations. He provided an example of how Audi is using it in their cars in cities such as Washington, DC, Los Angeles, New York, San Diego and several other cities. The benefits of using the personal signal assistant include savings in fuel and energy, time savings and improved safety.

[Handout: TTS Personal Signal Assistant Overview.pdf]

3. TRAFFICWARE

Mr. Steve Lenkart (3 Click Solutions) and Mr. Jeff Spinazze (Trafficware) provided an overview of the products and services offered by Trafficware.

Trafficware specializes in research, design, and development of electronic equipment and enterprise software to support traffic management for local governments at its 100,000 square-foot technology and manufacturing center based outside Houston in Sugar Land, Texas. With more than three decades of hands-on industry experience solving traffic management challenges around the world, Trafficware's expertise earns the company a reputation of unmatched quality and customer dedication. Trafficware's growth is backed by KRG Capital Partners, a Denver-based private equity firm with more than \$4 billion in capital.

4. 2015 REGIONAL SIGNAL FORUM/ITSMD ANNUAL MEETING

The committee approved the decision to hold another signal forum in 2015 in conjunction with the ITSMD Annual Meeting. This follows on the heels of a highly successful joint effort in November 2014. Several committee members volunteered to help with the planning and preparation for the event, which will likely be held in October.

ATTENDEES

Members

Ben Myrick, SHA/OOTS
Chris Letnaunchyn, Carroll County DPW
Raj Sharma, Baltimore City DOT
Kris Nebre, Baltimore County DPW
Piotr Rachtan, SHA
Yeshitla Argaw, SHA
Bo Zhou, Anne Arundel County
Corren Johnson, SHA – Traffic Operations
Bala Akundi, BMC

Guests

Mike Harrington, SWA
John Boling, STANTEC
Keith Riniker, SWA
Kevin Lee, Kittelson & Assoc.
Craig Hinnners, McCain
Seth Young, STV, Inc.
Bailey Lozner, Kittelson
Eddie Bostic, Century Engineering, Inc.
Venkat Nallamothe, SWA
Woody Hood, SWA
Steve Lenkart, Trafficware
Adison Zoretic, JMT