TECHNICAL ANALYSIS PEER EXCHANGE (TAPE)

Spring 2015 TAPE Agenda

Thursday, May 28th, 2015
10:30 am – 3:00 pm
Iowa DOT – East Materials Conference Room

Attendees

Kathryn Pfaffle	SIMPCO
Kyle Barichello	Iowa DOT
Sam Hiscocks	Iowa DOT
Andrea White	Iowa DOT
Eric Wilke	Iowa DOT
Steven LaBedz	Iowa DOT
Inya Nlenanya	InTrans
Katie Maki	DMAMPO
Adam Shell	Iowa DOT
Sam Parker	Region XII COG
Alex Foley	Region XII COG
Stacy Lentsch	MIDAS
Josh Corrigan	MAPA
Eric Abrams	Iowa DOT
Aaron Bartling	DMAMPO

Pavement Management Program Presentation – Inya Nlenanya (InTrans)

The Pavement Management Program is a documented structured approach/strategy used to achieve the goal of providing the right treatment to the right pavement at the right time. Data is collected every 100th of a mile and utilizes dTIMS software. The deliverable is a PCI index from 0-100, ROW continuous video and data that is available on the web. InTrans offers annual workshops and users forums. For more information, contact Inya at inya@iastate.edu

Also highlighted in the presentation were the Pavement Marking System and the following studies:

Bead Gun High Speed Camera
Sign Management – used to measure retro reflectivity
Safety Data Service
MiniCym – used to simulate any traffic situation

Pavement Quality Forecasting Presentation – Aaron Bartling (DMAMPO)

The DMAMPO's Pavement Quality Forecasting uses dTIMS software to determine performance needs as required by Map 21. The DMAMPO purchased the software from InTrans. The forecasting software is used

to determine performance targets, project selection and pavement treatments. A report is generated that identifies the total budget needed and the additional money needed to meet the performance targets. The report was picked up by the media, which generated interest from stakeholders. The report can be found at http://dmampo.org/reports. For more information, contact Aaron at abartling@dmampo.org

GIS-T Review Presentation – Adam Shell and Eric Wilke (Iowa DOT)

The GIS-T conference was held on April 19-22 in Des Moines and was sponsored by AASHTO. The conference highlighted what is going on in GIS and transportation. Updates were given on the breakout sessions as well as updates on:

INRIX and GIMS data mashups via LRS

Iowa DOT data inventory and metadata

Vendor booths

For more information, contact Adam at adam.shell@dot.iowa.gov or Eric at eric.wilke@dot.iowa.gov

Data Available from Iowa DOT Presentation – Eric Abrams (Iowa DOT)

The Iowa DOT Geospatial Environment presentation highlighted on the DOT's efforts with GIS, which includes spatial data, leveraging multiple tools, data accessibility and availability, and leveraging web services. Also discussed were performance measures, focusing on predictable data, communicating the DOT story and the morphing workforce.

Demonstrations were given on geonexusr, arcgis services and mygeonexus services.

For more information, contact Eric at eric.abrams@dot.iowa.gov