LIVESTREAM AGENDA

All times are Central Daylight Time, +6 Hours for London

Tuesday, April 17

9:15 a.m.-10:00 a.m.   **Keynote**

Driving User Value: Client Happiness and Return on Investment
Stuart Hudson, PE, President and CEO, AgileAssets

This keynote presentation conveys AgileAssets' reinvigorated commitment to client happiness. More than simply customer satisfaction, we define client happiness as the ability of AgileAssets clients to get the most value from their asset management efforts. For this reason, our company's top goal for 2018 is to increase client happiness. To meet this goal, we intend to increase client engagement and provide higher service levels along with more frequent product upgrades.

To help transportation agencies better understand the potential value they can achieve from their asset management programs, this presentation will include case studies showing how some state agencies are using AgileAssets systems to increase operational efficiency, asset lifecycles, and overall return on investment (ROI). In addition, simulation analyses will highlight the substantial ROI potential that agencies can realize through more consistent use of the optimization analyses within AgileAssets systems.

1:30 p.m.-2:15 p.m.   **Breakout Session 1**

Bridge Element Analysis: Introduction and Discussion
Scott Choate, PE, Senior Pre-Sales Engineer, AgileAssets

In this session, we will present enhancements to AgileAssets® Structures Analyst™ that allow for the probabilistic deterioration of bridge elements. We will also discuss the value that these features add to bridge management.

2:30 p.m.-3:15 p.m.   **Breakout Session 2**

Mission: Keep Alaska Moving – Solution: Alaska's Results Based Alignment (RBA) Framework
Dan Schacher, Fairbanks District Superintendent, Alaska DOTPF
Sam Midiri, Senior Consultant, AgileAssets

With smaller budgets each year due to declining oil revenues, the Alaska DOT has had to target where and how they spend limited resources on transportation assets. To accomplish this, Alaska implemented the Results Based Alignment (RBA) budgeting program. Traditionally, department budgets were based on the previous year's expenditures. RBA switches that focus from spending to investment. Learn how Alaska DOT is making use of AgileAssets' MMS, EMS and PMS to support this initiative.

3:30 p.m.-4:15 p.m.   **Breakout Session 3**

Introducing AgileAssets Communities and Ideas
Rob Von Schimmelmann, Director of Client Care, AgileAssets
Michael Lester, Vice President of Product Group, AgileAssets

From listening to AgileAssets customers, we know that one of the best ways for users to get more value from their asset management system is by learning from industry peers at other agencies. That's why we're introducing Communities and Ideas—two new ways for AgileAssets customers to engage with each other and with AgileAssets staff for knowledge exchange and collaborative innovation. In this session, learn how Communities and Ideas work and how you can get involved.

Communities includes an online forum to discuss asset management topics with your counterparts at other agencies who may be facing similar industry challenges. Communities will initially focus on pavement, structures, and maintenance management before branching out to other domains. Ideas—also an online resource— empowers customers to help improve and innovate the AgileAssets system by submitting ideas and voting on the importance of ideas submitted by others.

4:30 p.m.-5:15 p.m.   **Breakout Session 4**

Panel Discussion
Benefits of Different Deployment Methods (On-premises, Hosted, SaaS)
Moderators
David Scassa, Director of IT and Hosting, AgileAssets
Himanshu Waikar, PMP, PMO, Manager/Consultant, AgileAssets
Panelists
Aaron Collins, PE, Transportation Engineer Specialist, Kentucky
Transportation Cabinet
Mike Rossi, PE, Pavement Management, New York State DOT

In recent years, AgileAssets has seen increased interest by clients in hosted service options among different licensing models. This session explores the benefits and potential drawbacks of various deployment methods (SaaS, hosted, and on-prem) and reviews the different licensing models. On the panel are clients who have experience with one or more of these models.

Wednesday, April 18

10:00 a.m.-11:00 a.m. Montana's Maintenance Management System (MMS):
A Value Story
Doug McBroom, PhD, Operations Manager, Montana DOT

In this session, you will learn how MDT has replaced outdated legacy systems and paper-heavy processes with an integrated system to improve equipment vehicle and maintenance management while saving both money and time.

11:15 a.m.-12:00 p.m. **Breakout Session 5**

AgileAssets® Work Manager™ Mobile App at Louisiana DOTD
Brett Payer, Senior Product Manager, AgileAssets
David Coarsey, MPA, IT Systems Program Analyst, Louisiana DOTD

Louisiana DOTD is a leading collaboration partner and early adopter of AgileAssets' Work Manager mobile application. Learn about the agency's recent experience with Work Manager, the anticipated launch for field crew use, and how Work Manager will add value to the organization.

1:30 p.m.-2:15 p.m. **Breakout Session 6**

Using AgileAssets® Summit™ to Understand Data and Make Better Decisions
Rick Hatheway, Senior Pre-Sales Engineer, AgileAssets

This session is an interactive look at how data visualizations in Summit can be used to create compelling metrics with data from the maintenance management and fleet management operations at a DOT. Learn how these visualizations allow Maintenance Managers and Fleet Operations Managers to confidently make decisions based on insights revealed by connecting and visualizing disparate data.

2:30 p.m.-3:15 p.m. **Breakout Session 7**

TxDOT 4-Year Pavement Management Plan in AgileAssets® Pavement Analyst™
Jenny Li, Pavement Preservation Branch Manager, Texas DOT

Each district in TxDOT is required to produce a 4-Year Pavement Management Plan, which is project-specific and financially constrained. This session shows how TxDOT uses AgileAssets Pavement Analyst (Pavement Management System) as a tool for districts to optimize the selection of maintenance and rehabilitation projects and to plan out their four-year pavement preservation and maintenance work by integrating planned projects using pavement scores, surface age, and safety program information.

3:30 p.m.-4:15 p.m.   **Breakout Session 8**

Merging Lanes: Value of Integrated Systems in Kentucky
Aaron Collins, PE, Transportation Engineer, Kentucky Transportation Cabinet

One of the most fundamental challenges facing most transportation agencies is the process of integrating multiple data sets collected and stored independently. The ability to convert and integrate these external data sources defines the limits of what your system can achieve and deliver. KYTC constantly strives to utilize any resource or tool that enhances the overall user experience, while providing management the tools to make data-driven decisions.

4:30 p.m.-5:15 p.m.   **Breakout Session 9**

AgileAssets in Alaska: Keeping Alaska's Fleet Moving
Brad Bylsma, Fleet Manager, Alaska DOTPF
Golam Sarwar, PE, Senior Consultant, AgileAssets

This session presents a brief overview of how Alaska implemented the AgileAssets® Fleet & Equipment Manager™ system. The presentation also showcases newly developed PPIRO (Purchase Parts, Issue to Repair Order) functionality. With PPIRO functionality, material and parts can be purchased directly from the material day cards window and issued to repair orders. The system automatically creates a purchase order and tracks material consumption.

Thursday, April 19

8:15 a.m.-9:30 a.m.   **AXIAM Award Finalist Presentations**

11:15 a.m.-12:00 p.m.   **Breakout Session 10**

Work Performance Benchmarking at Quebec Ministry of Transport

Martin Boucher, PE, Engineer, Quebec Ministry of Transport

This presentation will:
- Explore the drivers for the Quebec Ministry of Transport to develop a performance-monitoring tool for benchmarking completed pavement projects
- Present an enhancement designed by the Ministry and created by AgileAssets
- Demonstrate the tool's capabilities
- Present real-life examples of completed and in-progress performance monitoring and the anticipated impact on the Ministry's pavement management.

1:30 p.m.-2:15 p.m.   **Breakout Session 11**

Advanced Analytics and Visualization in AgileAssets® Safety Analyst™

Shafiul Azam, PhD, PE, Senior Consultant, AgileAssets

Promoting public safety is a key responsibility of transportation agencies. In this session, you will learn about ways to use the AgileAssets system to improve transportation safety by identifying crash risk factors and mitigation strategies.

As a leading solution for safety management, AgileAssets Safety Analyst provides the AASHTO Highway Safety Manual-prescribed framework for safety analysis, countermeasure selections, and economic analysis. Safety Analyst's core functionalities now include the integration of Esri® and AgileAssets Summit, providing advanced data visualization techniques so that decision-makers can drill down crash data and identify crash patterns and distributions. With these capabilities, agencies can identify problem areas and mitigation strategies for safety engineering, as well as communicate actionable findings to stakeholders such as law enforcement and the media to promote accident prevention and safety education.

2:30 p.m.-3:15 p.m. **Breakout Session 12**

Towards a Unified Approach to Managing Secondary Assets
Steve Wilcox, PE, Director, Maintenance Program Planning Bureau, New York State DOT

Secondary assets such as traffic signals, culverts, drainage structures, guide rails, ground mounted signs, overhead sign structures, retaining and noise walls, sidewalks, and marking play critical roles in the functionality and safety of the highway infrastructure. Inventory, condition assessment, maintenance, and replacement of these assets can often be haphazard. At NYSDOT, significant effort has gone into the design of the Bridge Data Information System (BDIS), Structures Management System (SMS), and Maintenance Management System (MMS) components of the overall Enterprise Asset Management Planning system to ensure a consistent approach to screen and database design, handheld mobile data collection, vehicular data collection, and data updates coming from maintenance or construction activities.

In this presentation, NYSDOT will discuss the need for a consistent enterprise-wide data design, the reasons for separating structural and maintenance assets, mobile data collection considerations, contracting for statewide secondary asset data collection, and modifications to maintenance and construction reporting to ensure the currency of data. The presentation will also raise the need for more focus on secondary assets when it comes to programming and to federal reporting in the Transportation Asset Management Plan.

3:30 p.m.-4:15 p.m. **Breakout Session 13**

Implementing a Modern Roadway Inventory System Leveraging Esri® Roads and Highways at New York State DOT (NYSDOT)
Bill Schuman, Senior Vice President, Transcend Spatial Solutions (RA)
Ting Wang, PhD, PE, Consultant, AgileAssets

New York State DOT's Roadway Inventory System (RIS) is the system of record for the roadway inventory. It has also been the central repository for Highway Performance Monitoring System (HPMS) Samples, Pavement Condition, and Traffic Stations. Having been in operation for 10 years, it has reached the age of retirement and is no longer being commercially supported. More importantly, it no longer supports the roadway network editing workflow provided by Esri Roads and Highways (R&H) and requires double entries.

To best support NYSDOT current practice, data from the legacy RIS system will be migrated to AgileAssets Enterprise Asset Management Suite (EAMS) and Esri Roads and Highways. The new RIS will leverage EAMS for the pavement data, R&H to store roadway inventory data, a commercial off-the-shelf (COTS) HPMS solution from Transcend Spatial Solutions (Transcend) to perform HPMS submittal, Transcend Spatial Road Analyzer™ to perform visual data quality assurance, and AgileAssets Smart Entry Engine (SEE) to support NYSDOT Highway Data Service Bureau's best data management practices. Together, the integrated solution forms a robust and modern roadway inventory and pavement management system and provides NYSDOT with long-term maintenance and support.

4:30 p.m.-5:15 p.m. **AXIAM Award Announcements**