

3.7.2024 IL TOLLWAY DESIGN & CONSTRUCTION PRACTICES WORKSHOP

Time	Room 1	Room 2	Room 3	Room 4
8:00 AM - 8:30 AM	Registration and Breakfast Refreshments			
8:30 AM - 10:00 AM	<p>Workshop Opening Kevin Artl, ACEC Illinois President Cassaundra Rouse, Illinois Tollway Executive Director Manar Nashif, Illinois Tollway Chief Engineering Officer Terry Miller, Illinois Tollway Chief of Diversity and Strategic Development Darrion Robinson, Illinois Tollway Chief of Maintenance and Traffic</p> <p>Illinois Tollway leadership will provide an opening to the workshop, covering an Illinois Tollway message, an overview of key takeaways attendees will learn throughout the days' sessions, discuss Illinois Tollway Diversity program highlights and provide attendees a safety moment and takeaways. Lastly, Illinois Tollway leadership will provide a panel on "Hear from the Experts" Panel: Sarah Kukadia, Illinois Tollway, Jeff Allen, Illinois Tollway, Cindy Williams, Illinois Tollway, Kristen Bennett, Illinois Tollway, Karen Robles, Illinois Tollway Chief of Planning (Moderator)</p>			
10:20 AM - 10:50 AM	<p>Drainage and Environmental Best Practices Kelsey Musich, Illinois Tollway Paul Kanellopoulos, Illinois Tollway GEC</p> <p>Topics covered: Lessons learned during construction, performance and applications of trench drains and drainage structure details adjacent to buried moment slabs, design of detention basins and erosion control. Discussions of the new gutter transitions due to the changes in the TL-4 and TL-5 barrier, as well as best management practices.</p>	<p>Alternative Delivery Method Key Features and Program Update Mo Faraj, Illinois Tollway Nick Laga, Illinois Tollway GEC</p> <p>Topics covered: Discuss the alternative delivery method, how it differs from other project delivery methods used by the Illinois Tollway and an Illinois Tollway program status update.</p>	<p>Construction Documentation Audits Corey Paoletti, Illinois Tollway GEC Safa Alkan, Illinois Tollway GEC Chris Pieper, Illinois Tollway GEC</p> <p>Topics covered: This session will discuss the main components of a construction documentation audit, as well as walk-through the audit process and describe the importance of auditing. Attendees will then be invited to participate in a presenter/audience interactive discussion to further gauge audience feedback and provide best practices for teams to be prepared for audits. Attendees are encouraged to bring their specific audit-related questions to support a successful interactive discussion.</p>	<p>Incident Management Best Practices Steve Mednis, Illinois Tollway Drew McKissack, Illinois Tollway</p> <p>Topics covered: Discuss best practices in incident management, successful strategies for efficient incident management, including rapid response protocols and coordination, specifically in construction zones. Emphasize the importance of seamless collaboration with emergency services for effective incident resolution. Analyze case studies and derive key takeaways to enhance future incident management strategies. Discuss elements of the Lane Closure Reference Guide, Roadway Communications and AADT manuals for direction and clarification and how they relate to day-to-day operations.</p>
11:00 AM - 12:00 PM	<p>Structures Mike Brink, Illinois Tollway Ahmad Hammad, Illinois Tollway GEC Majlinda Agojci, Illinois Tollway GEC</p> <p>Topics covered: Update on the Illinois Tollway structures and an overview of the TL-3 barrier. Discussion of what occurs during a structural inspection and how that is used in scoping and designing projects.</p>	<p>Earthwork Updates Amber Wyss, Illinois Tollway Lindsey Oliver, Illinois Tollway GEC Supraja Reddy, Interra, Inc.</p> <p>Topics covered: Tools necessary to navigate the Illinois Tollway's unique earthwork and soil classification system. An overview of how earthwork is classified and managed from an environmental perspective, as well as discuss deliverables required at key design and construction milestones.</p>	<p>Construction Closeout Guidelines Keith Keslinke, Illinois Tollway Dennis McNulty, Illinois Tollway GEC</p> <p>Topics covered: The importance of teams providing record drawings consistently throughout a job to increase work quality, not just at closeout. Additionally, provide a reminder to cross reference the different project logs against record drawings to ensure changes are captured for the record drawings. Discuss dispute resolution ISO procedures and impacts of construction closeout delays, as well as how to mitigate them.</p>	<p>Specifications and Key Points in Development Rick Young, Illinois Tollway GEC Tom Thornton, Illinois Tollway GEC</p> <p>Topics covered: Review the development of a specifications book for a project and key points and lessons learned to include. Provide examples on how to incorporate the new 100 series, liquidated damages, insurance requirements and best practices to reflect the contract requirements. Also discuss changes to the 2024 Supplemental Specifications and how to assemble a set of special provisions.</p>
12:00 PM - 1:15 PM	LUNCH			
1:30 PM - 2:00 PM	<p>ITS and Tolling Equipment Installation Mike Wayne and Art Manaois, Illinois Tollway Rob Glaz, Illinois Tollway Khalid Menawi, Illinois Tollway Michel Lavigne, Illinois Tollway GEC</p> <p>Topics covered: The new layout for WIM/TACS/OHVDS system installation with benefits for Illinois Tollway and the new combo IPDC/remote control building. Introduction of the new VES cabinet design and overview of lessons learned related to toll infrastructure installation and the schedule constraints to be aware of during design and construction.</p>	<p>Specification Management and Resource Tool (SMART) Jose Rivera, Illinois Tollway GEC Rick Young, Illinois Tollway GEC</p> <p>Topics covered: The SMART presentation will discuss the new tool for the management of special provisions and pay items. This session will present on the webtool and how it allows for users to understand the relationship between different special provisions and facilitating access.</p>	<p>Maintenance of Traffic (MOT) and Roadway Design Adam Lintner, Illinois Tollway Raj Rajasekhar, Illinois Tollway GEC</p> <p>Topics covered: This session will cover the Illinois Tollway's roadway jurisdiction, as well as provide updates to both the 2024 MOT Manual and 2024 Roadway Design Criteria. Additionally, this session will discuss the TCB schedule base sheet.</p>	<p>Utility Relocation and Obstacle Coordination John Lussow, Illinois Tollway Courtney Naumes, Illinois Tollway PMO</p> <p>Topics covered: This session will discuss key processes for utility relocation and new utility services needed in construction. Furthermore, content covered will include how to better coordinate utility conflicts, review lessons learned and discuss the elements of coordination with local communities.</p>
2:10 PM - 2:40 PM	<p>Building Information Modeling (BIM) Implementation in Design Diana Arreola, Illinois Tollway Amer Sassila, Illinois Tollway GEC</p> <p>Topics covered: This session will discuss the design elements of BIM and how contracts are scoped in design.</p>	<p>Traffic Barrier Guidelines Michael Dever, Illinois Tollway GEC</p> <p>Part One: Traffic Barrier Guidelines Updates</p> <p>Topics covered: Part one will provide updates to the placement of guardrail in front of slopes, barrier heights on resurfacing projects and other roadside safety topics.</p>	<p>Illinois Tollway Materials Dan Gancarz, Illinois Tollway Max Barry, STATE Testing</p> <p>Topics covered: The content will cover new special provisions, newly approved test procedures; along with material lessons learned from the previous season. The presentation will provide updates for each material by product: Fabricated Materials, Source Materials, Aggregates, Earthwork, Asphalt, Concrete, Pavement Preservation and Miscellaneous Materials and is geared towards construction managers and designers.</p>	<p>Force Account and Acceleration Guidelines Dennis McNulty, Illinois Tollway GEC Corey Paoletti, Illinois Tollway GEC</p> <p>Topics covered: Highlights include the guidelines for reviewing force account and acceleration bills, how to use an A-7 log to track estimated cost of work completed and projected final value to avoid exceeding the approved value of work prior to getting a supplemental ATP approved.</p>
2:45 PM - 3:15 PM	<p>Scoping Projects Laura Thompson, Illinois Tollway Mike Valentino, Illinois Tollway GEC</p> <p>Topics covered: Discussion will focus on critical aspects that define project success for designers and construction managers to scope projects. The presentation will discuss available resources, project requirements and review strategies for overcoming challenges. Topics will also include a guide to IGAs, complexities related to utility relocations and insights into the land acquisition process. It will also review planning tools and the importance of constructability reviews.</p>	<p>Traffic Barrier Guidelines Michael Dever, Illinois Tollway GEC</p> <p>Part Two: Barrier Warrant Analysis (BWA) Tool Demonstration</p> <p>Topics covered: Part two will walk through the importance of the BWA tool for designers who work on Illinois Tollway projects. The presentation will go in depth to explain the intent of this new tool as it is to expedite the preparation of the BWA report and its convenience in modifying the analysis.</p>		<p>Project Scheduling and Updates (Monthly Status Reports [MSR]) Jaime Noe, Illinois Tollway PMO Andy Keels, Illinois Tollway PMO Adam Panzarella, Illinois Tollway PMO</p> <p>Topics covered: This session will highlight the purpose of monthly status reports and how to accurately fill them out. This session will also discuss the design schedule and address how to best review and interpret construction schedules from contractors.</p>
3:30 PM - 5:00 PM	Networking Event			