

# Bridge Scour Evaluation Webinar

March 22, 2024

9:00 AM – 12:00 PM

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Microsoft Teams Meeting ID: 253 058 349 74

## Intended Audience

- TxDOT staff involved in bridge scour evaluation and related efforts
- Engineering consultants involved in bridge inspections and scour evaluations
- Local bridge owners

Please forward to others that may be interested in attending.

To help reduce the number of connections, please join with others attending in your office.

## Agenda

1. **Opening and Overview (Steven Austin)** ..... 10 minutes
  - Current scour documentation issue
  - TxDOT's Plan
  - Responsibility of bridge owners
2. **TxDOT Scour Evaluation & Scour Coding (Ryan Eaves)** ..... 40 minutes
  - TxDOT methods to evaluate scour
  - Definition of scour critical
  - Engineered vs non-engineered countermeasures
  - Scour coding (Coding Guide Item 113)
  - SNBI Scour Coding
3. **NBIS Requirements for Scour Documentation (Chun Ho Lee)** ..... 20 minutes
  - Requirements to document scour evaluation
  - Storage of scour documentation
  - Updating superseded scour documentation
  - Plans of Action
- Break ..... 10 minutes
4. **Scour Plan of Action (POA) (Chun Ho Lee)** ..... 20 minutes
  - Corresponding POA forms for scour critical bridges
  - Requirements of a POAs
  - Responsibilities of bridge owners
  - Responsibilities of TxDOT staff
  - Bridge Division's plan to review POA's developed prior to 2020
5. **Unknown Foundations (Yusuf Yurttas)** ..... 20 minutes
  - TxDOT's risk-based approach to address unknown foundation
6. **Bridge Inspector Requirements (Mark Wallace)** ..... 15 minutes
  - Overview of inspector requirements
7. **QC Processes for Districts & QA Process for Bridge Division (Bob Pearson)** 10 minutes
  - Overview of district QC processes
  - New Bridge Division QA process
8. **Questions** ..... 25 minutes