

DIGITAL CONSTRUCTION INSPECTION WORKSHOP

CONSTRUCTION ENGINEERING AND QUALITY ASSURANCE USING ADVANCED PRACTICES

SPONSORED/FUNDED BY:



U.S. Department of Transportation
Federal Highway Administration

ON-SITE WORKSHOP

December 11, 2018
J.O. Morton Building, Room 114
7 Hazen Drive
Concord, NH 03302

WORKSHOP OVERVIEW

This workshop will provide practical help to further the implementation of digital construction inspection in Maine, New Hampshire, and Vermont by hearing from lead state transportation agencies on their implementation experiences.



Courtesy of New Hampshire DOT

REGISTER NOW

You may register for the workshop online at
https://nh_digital_inspection.eventbrite.com

COST

There is no cost to attendees for this workshop. The workshop is sponsored by the Federal Highway Administration to further the national implementation of digital construction inspection. Thank you to the New Hampshire Department of Transportation for providing the workshop venue, lunch, and break snacks.

QUESTIONS?

Contact Gabe Nelson
National Concrete Pavement
Technology Center
515-964-2020
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HOSTED BY:



AGENDA

TOPIC

PRESENTATION SESSION



(Eastern Time)

8:30 a

Registration

Introduction and Welcome

David Unkefer, FHWA

9:00

State of Practice

Ted Kitsis, New Hampshire DOT; Jeremy Reed, VTrans; Shawn Smith, Maine DOT

Ted, Jeremy, and Shawn will discuss the current state of practice at their respective agencies.

9:45

Overview of Digital Construction Inspection

Ronald Tellier, Connecticut Department of Transportation

Ron will give an overview of the implementation of digital construction inspection at Connecticut DOT including the benefits of utilizing digital information, developing procedures for the use of the model and rovers, and organizational changes that are necessary.

10:15

Break – hosted by New Hampshire DOT

Integrating Design & Construction

Michelle Page Utah Department of Transportation

10:30

Michelle will discuss lessons learned on best practices for sharing digital design data with contractors and construction inspection personnel including training of field staff and creating trust in the digital design data.

11:15

Digital Construction Inspection at Oregon DOT

Christopher Pucci, Oregon Department of Transportation

Chris will discuss changes in procedures, implementation challenges, and lessons learned in their own implementation of digital construction inspection.

12:00 p

Lunch - hosted by New Hampshire DOT

Digital Construction Inspection at Connecticut DOT

Greg Sardinkas, Connecticut Department of Transportation

12:45

Greg will discuss policies and procedures for consistent use of GNSS rovers by construction inspection personnel including a demonstration of utilizing the equipment.

1:45

Obtaining As-built information and Asset Management

Greg Sardinkas, Connecticut DOT; Christopher Pucci, Oregon DOT; and Michelle Page, Utah DOT

During this moderated panel discussion, we will discuss procedures for verifying construction outcomes, obtaining and storing as-built information, and the future of using digital data for asset management.

2:15

Break – hosted by New Hampshire DOT

Workshop Wrap Up Discussion

moderated Ted Kitsis, New Hampshire DOT; Jeremy Reed, VTrans; Shawn Smith, Maine DOT

2:30

This is an opportunity to ask any questions of any of the presenters.

3:25

Closing Remarks

David Unkefer, FHWA

3:30

Adjourn

Courtesy of New Hampshire DOT