

# Accelerated Construction Technology Transfer (ACTT)



**Virginia Concrete Conference**

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**Holiday Inn Select-Koger South Conference Center**

**Richmond, VA**

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**Baltimore, MD**

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# What is ACTT?

ACTT is a strategic **process**, which uses various technologies and techniques to **reduce construction time** while enhancing **safety** and **quality**.

**(Faster, Safer, Better)**

# Quality

- ACTT allows for innovation
- Speeding up does not mean ‘cutting corners’
- Yes, there is a simple cure for poor quality...

**Do it right the first time,  
every time!**

# About the ACTT:

- Emphasis is to -  
    **“Get in, Get out, Stay out”**
- TRB initiated the concept (A5T60)
- FHWA/AASHTO (TIG)

# Implementation

## **2-Day Workshop**

- 20-30 national transportation experts
- 20-30 local counterparts
- 11 skill sets
- Project specific
- FHWA/AASHTO/State DOT fund workshop

# ACTT Skill Sets

ROW/Utilities/RR

Traffic Engineering/Safety/ITS

Structures

Innovative Contracting

Innovative Financing

Geotech/Acc. Testing/Materials

Pavements

Construction

Environment

Geometrics

Public Relations

# Why ACTT?

Address **customer** needs

- **Intensified activity**
- **1995 & 2000 national survey**

Vital Few

- **Environment**
- **Safety**
- **Congestion**

Builds momentum for **Change**

- **High performance materials**
- **Customer demands change**
- **Utilization of New technologies**

Here is an example!













# Accelerated Projects

Big I, NM

I-40 Bridge, OK

Hyperfix, IN

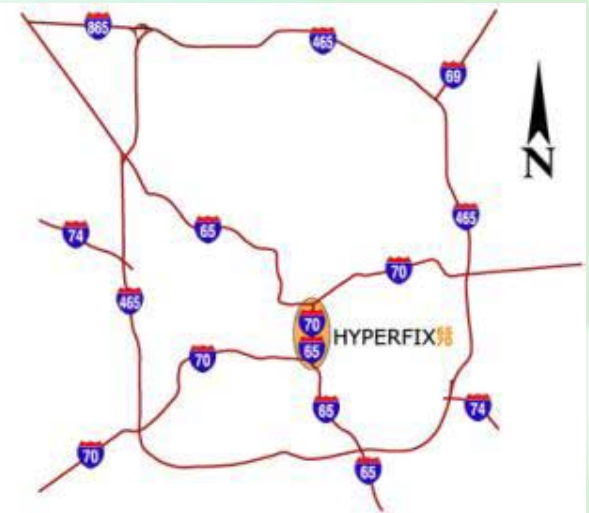
I-84, OR

Baldorioty de Castro Bridge, PR

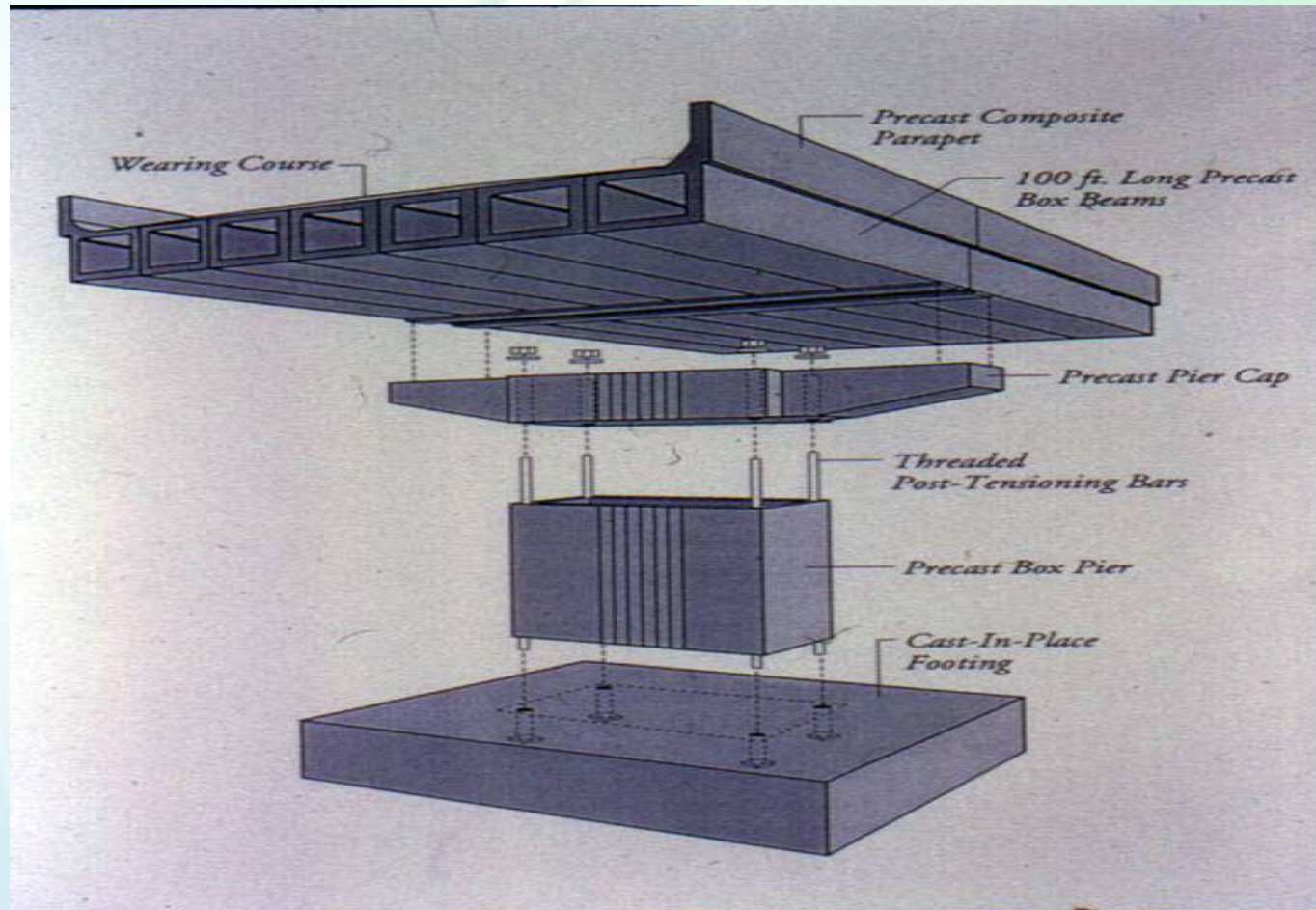
Church Street Bridge, New Haven, CT



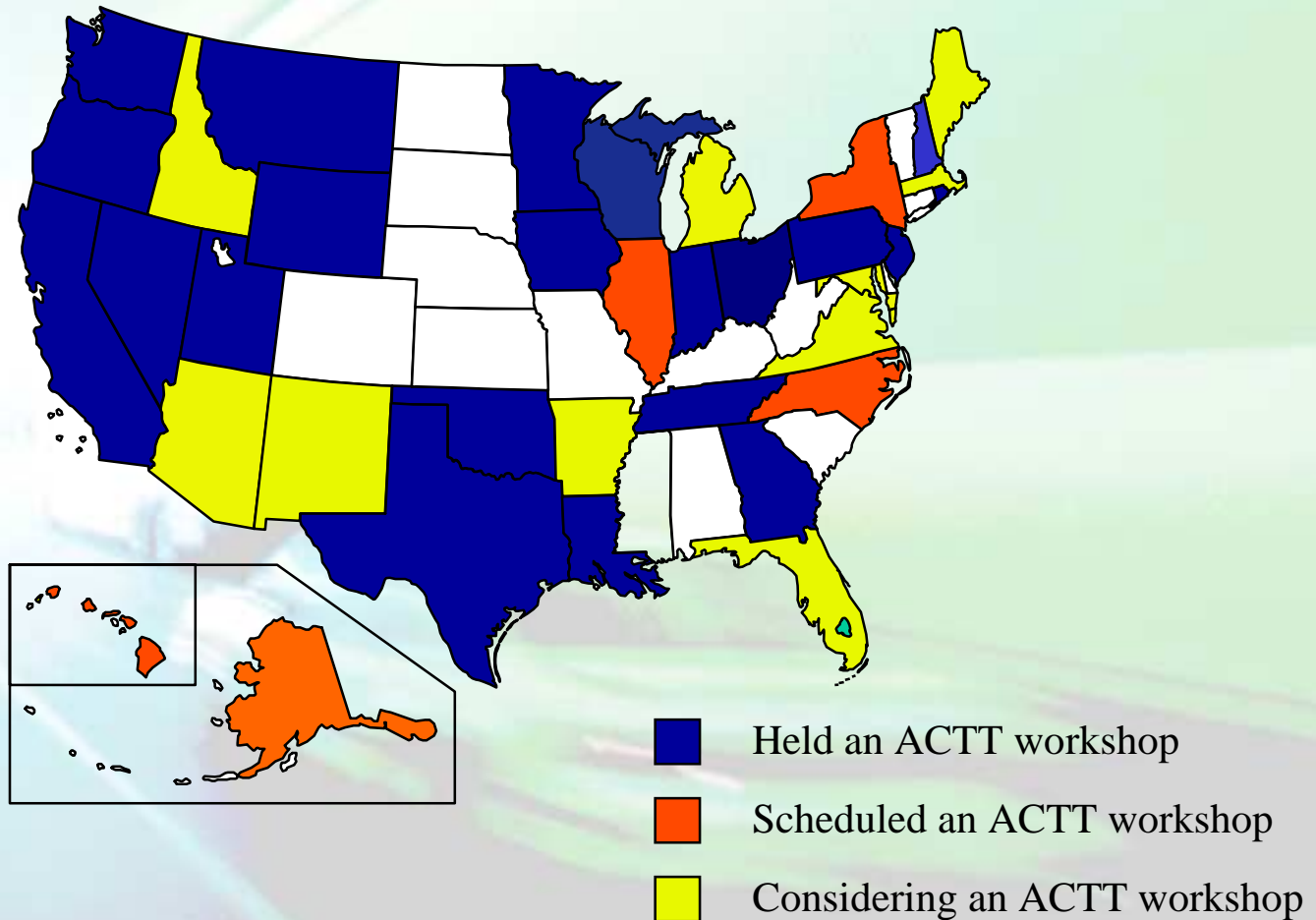
HYPERFIX<sup>65</sup>



# Prefabricated Bridge construction



# ACTT Workshops:





# Lessons Learned

## Project Specific Recommendations

- **Montana DOT**
- **Wyoming DOT**

## General Application

- **Optimize Pre-fabrication**
- **Aggressive PR, Single POC**
- **WZ Incident Management**
- **Optimize closure**

# Sharing Lessons Learned

Workshop Report

Workshop Flyer

Interim Report

Hard Copy to DOT/FHWA DO

Website:

**[www.fhwa.dot.gov/construction](http://www.fhwa.dot.gov/construction)**

## Benefits of ACTT:

- Encouraging the development of strategies that **generate positive change**
- Creating a framework for informed consideration of innovations
- Facilitating removal of barriers to innovation
- Improving motorist and worker safety
- Advocating continuous quality improvement

# Future Workshops

OH DOT -	2/21-23/06 (completed)
NH DOT-	2/21-23/06 (completed)
NYS DOT -	3/21-23/06
HI DOT-	4/18-21/ 06
NC DOT -	4/23-25/06
Alaska -	Spring 06
ODOT	Fall 06

Additional State requests are coming into FHWA routinely

# ACTT Funding

## State

- **Project Workshop costs are Federal Aid Eligible**
- **Employee Local Travel**
- **Employee Time**
- **Invitational Travel – (non-federal)**
- **Logistical Costs**

## FHWA

- **Final Workshop Report**
- **Federal employees**

# Contacts

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# Questions?

## Thank You

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