National Perspective on Accelerated Bridge Construction

2007 AASHTO Bridge Subcommittee Annual Meeting

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Topics

• Introduction
• Results of FHWA Survey on ABC
• Available Tools for Accelerated Bridge Construction
• Upcoming events for ABC
• Video of Accelerated Bridge Construction Projects
Prefabricated Element/System is:

Build the bridge first before you set cones,
Then quickly move it into place - like a weekend!
FHWA Survey on Accelerated Bridge Construction
Available Tools for ABC

- Effective Decision Making Framework and Guideline
- SPMT Manual and Specifications
- Connection Details (Under Development)
- ABC Design Manual and Training
- Projects Data and Workshop Materials
- Innovative Contracting Strategies
Available Tools for ABC
Bridge Design Details
Rapid Construction
Available Online Resources

General Information
http://www.fhwa.dot.gov/bridge/prefab/

Projects constructed to date
http://www.fhwa.dot.gov/bridge/prefab/projects.htm

Publications
http://www.fhwa.dot.gov/bridge/prefab/pubs.htm

Research
http://www.fhwa.dot.gov/bridge/prefab/research.htm

Calendar of upcoming events
http://www.fhwa.dot.gov/bridge/prefab/calendar.htm

Highway For Life - www.fhwa.dot.gov/hfl
Upcoming events for ABC

- FHWA/Utah DOT ABC Showcase, Salt Lake City, UT, Oct. 27-28, 2007
- ABC Workshop at 2008 TRB
- 2008 FHWA Workshop at International Bridge Conference, Pittsburgh, PA, June 2008
The future is here!

Looking for a few champions

Thank You

Substructures

Superstr & Decks

SPMT