



学术报告

题目: ABC APPLICATION IN US

1. LATERAL SLIDING.
2. SPMT (self-propelled modular transporter).
3. Prefabricated Bridge Elements and Systems (PBES).
4. New Material-UHPC, Illinois's First Precast Deck Panel Bridge with UHPC Joints.

报告人: 刘大进(David Liu), Ph. D, P.E., S.E.

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邀请人: 樊建平 教授



【报告摘要】

- FULLY ABC PROJECT IN MI, US.
- Michigan's first prototype prefabricated bridge.
- 4-SPAN, PRESTRESSED PRECAST CONCRETE I-BEAM BRIDGE IN MICHIGAN, US.

The prefabricated systems or components used in this bridge are full depth deck panel, precast pile cap at abutments, precast pier caps and columns. The only non-prefabricated components are cast-in-place pier footings, steel H-piles at abutments and concrete barriers.

【报告人简介】

- Dr. David Liu received Ph. D from Clarkson University, New York. And he got B.S. and M.S. from South China University of Technology, China.
- Dr. David Liu is American Society of Civil Engineering Fellow.
- Dr. David Liu is a Chief Structural Engineer and Structural Department Manager.
- Dr. David Liu registered structural engineer in Illinois and a registered professional engineer in 8 states of USA.
- Dr. David Liu was a lead structural engineer for the \$450 million Circle Interchange in Chicago, Illinois, USA.
- Dr. David Liu has published more than 30 papers in ASCE.