

# Recommended Guide for Next Generation of Transportation Design-Build Procurement and Contracting in the State of Georgia

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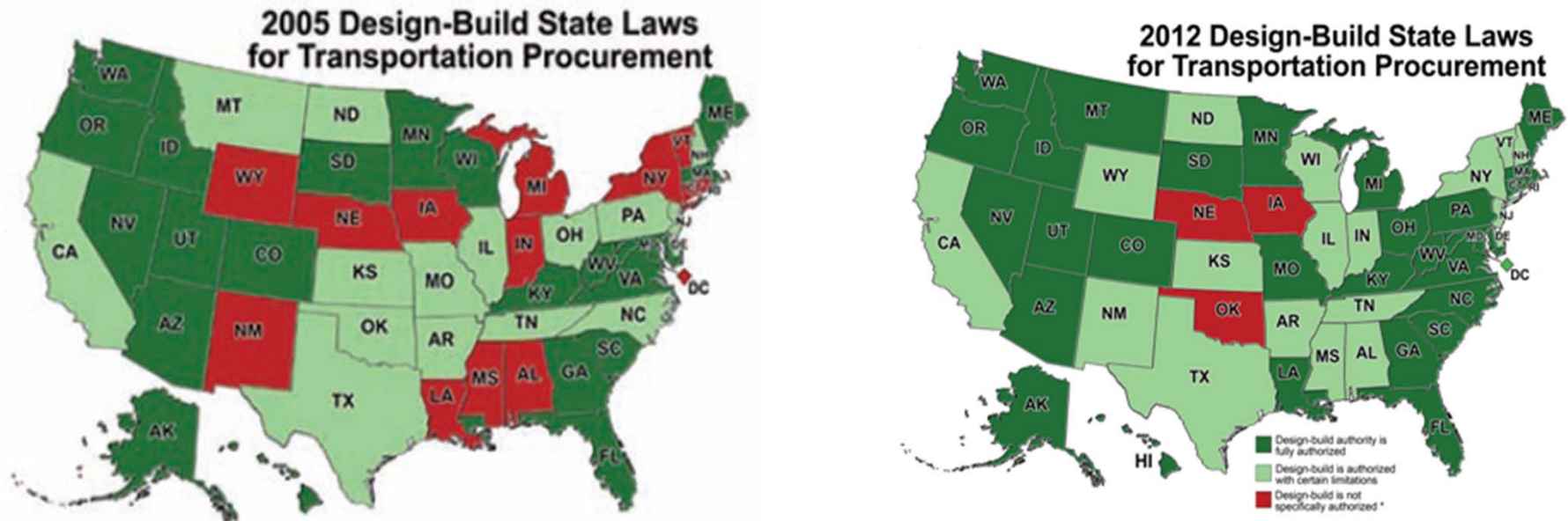
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AASHTO Research Advisory Committee Summer Meeting

# Introduction

- Design-Build (DB) project delivery system offers state DOT's the opportunity to accelerate critical phases of projects and deliver transportation projects more cost-effectively.

## DB State Laws for Transportation Procurement



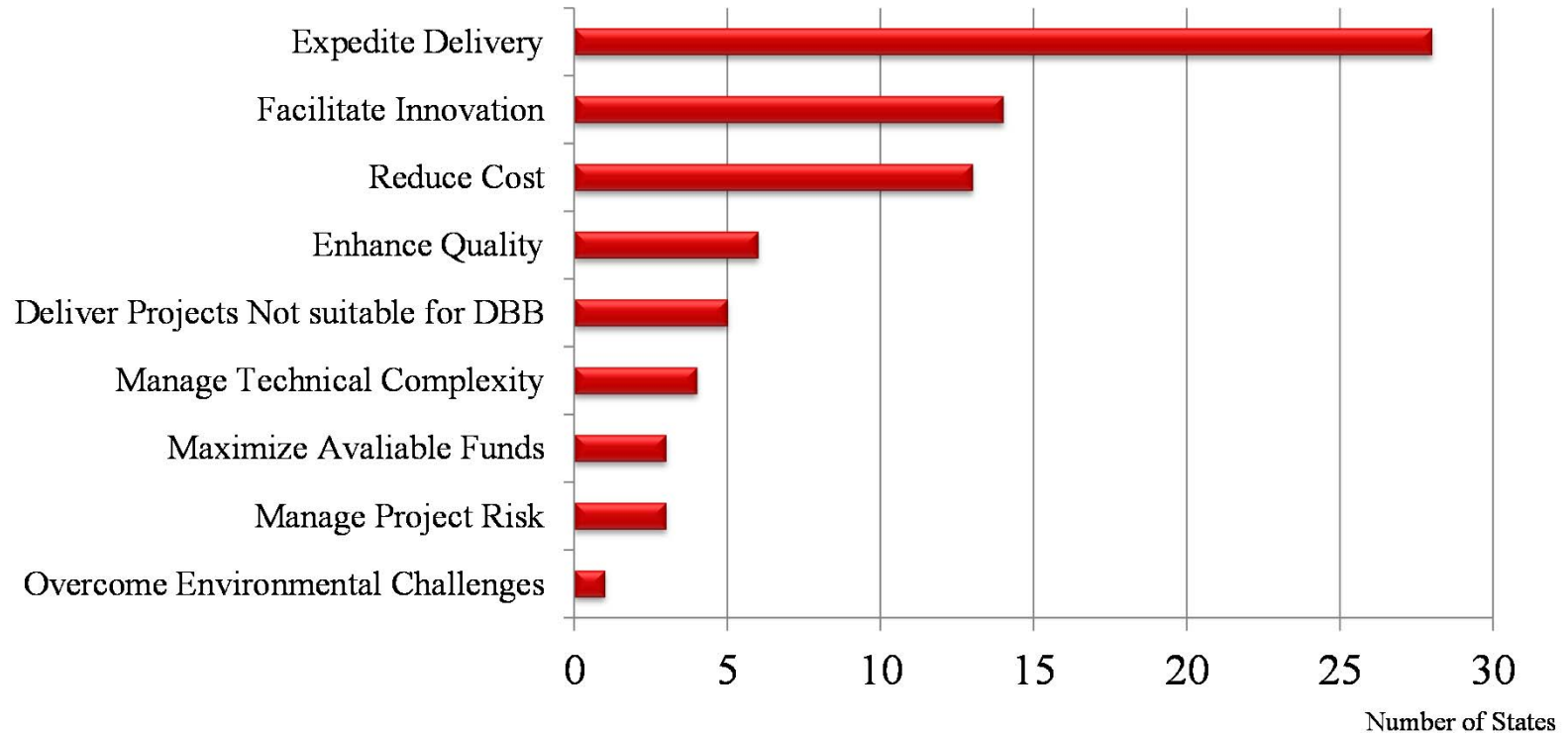
# Research Objective

- Nevertheless, DB is not appropriate for every transportation project.
- State DOT's should select DB for projects only if it is expected to produce the best outcomes.
- The overall objective of this research project was to develop a systematic approach to help GDOT evaluate the appropriateness of DB for a transportation project.

# Research Performed

- Comprehensive review of academic and professional literature
- Scanning process on several state DOT websites regarding documented state of practice related to DB
- Structured interviews with state DOT representatives

# Key Finding of State DOT Scanning Process



Main Factors that Motivate State DOTs to Select Design Build Project Delivery System  
(Source: 29 State DOTs' Design Build Guidelines and Manuals)

# Major Deliverables of Research Project

- A DB guidebook was developed to improve the efficiency of DB selection and implementation for GDOT highway projects
  
- A DB selection tool was developed that helps GDOT in
  1. Determining suitability of DB for projects
  2. Assessing whether project risks can be managed if DB is selected for a project
  3. Evaluating authorized procurement methods and selecting the most appropriate method
  4. Implementing DB transparently and consistently

# Implementation and Value of Research

- A post-research workshop was held to facilitate adoption of DB contracting in Georgia.
  - The workshop participants were guided through various steps of this systematic approach as described in the DB selection tool.
- GDOT is currently using the DB selection tool to achieve transparent and consistent implementation of DB.
- Legislation Updates:
  - Effective July 1, 2012, Georgia legislators raised the cap for Design-Build by 50% (in dollars), based on the total amount of construction projects awarded in the previous fiscal year.
  - Additionally, effective July 1, 2013, Georgia legislators revised the Design-Build code to allow for Best Value Design-Build contracting.
    - ◆ These changes were made possible, in part, by solid Design-Build project suitability assessments that this research enhanced for future use.