

# DESIGN-BUILD DELIVERY FROM A NATIONAL PERSPECTIVE

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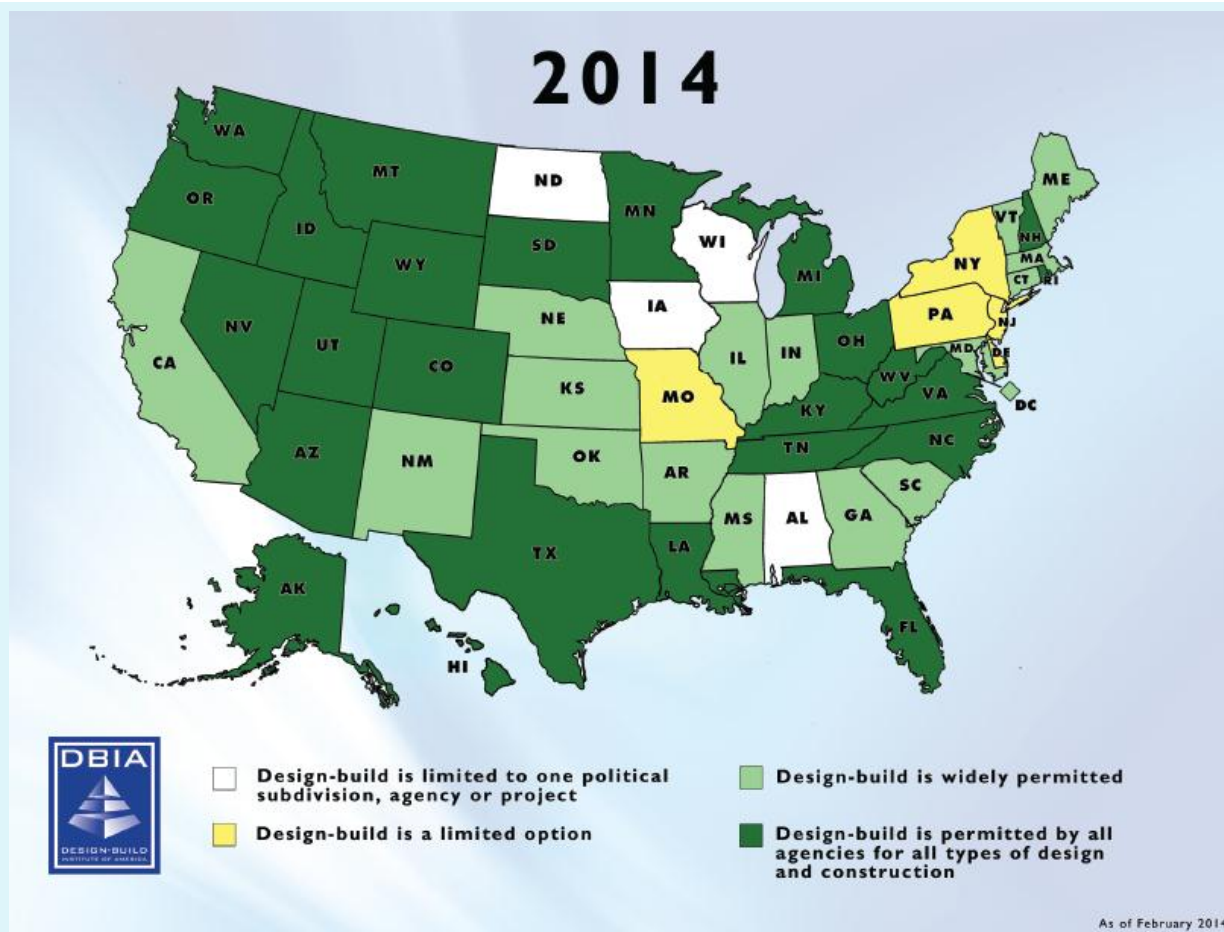
# ROBYNNE PARKINSON

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  - [www.rtp-law.com](http://www.rtp-law.com); [www.designbuildlaw.blogspot.com](http://www.designbuildlaw.blogspot.com)
- Design-Build Institute of America National Board of Directors, 2010 to Present
  - Executive Committee 2012 - 2013
  - Instructor 2004 to present
- Co-Chair for the DBIA National Legal and Legislation Committee
- DBIA National Contracts Committee
- DBIA Northwest Region Board of Directors
  - 2005 to present, President, 2008-2010
- American Arbitration Association National Construction Disputes Review Committee

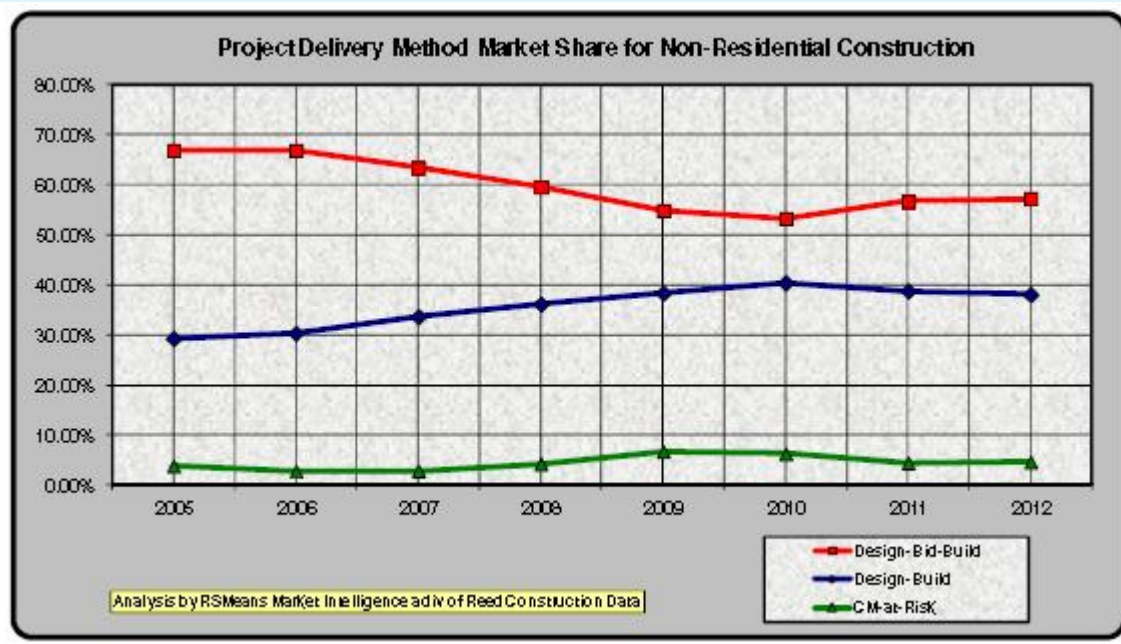
# BENEFITS OF DESIGN-BUILD

- Performance warranty from design-build team.
  - Insures project quality
- Ability to select team based on qualifications rather than price.
- Fewer claims.
- Faster delivery.
- Able to fully utilize most advanced design and construction techniques.
  - BIM
  - Lean Construction
- Knowledge and guarantee of GMP earlier than any other delivery model.

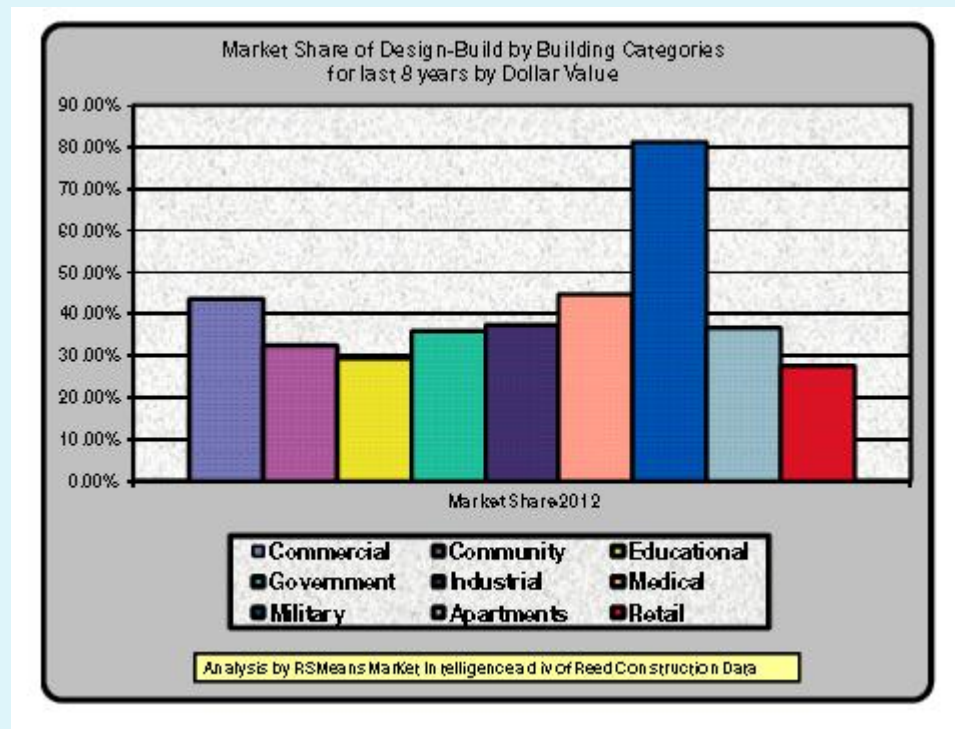
# DESIGN-BUILD STATUTORY AUTHORITY



# DESIGN-BUILD MARKET PENETRATION



# DESIGN-BUILD BY MARKET SECTOR



# 2012 MUNICIPAL OWNERS SATISFACTION SURVEY OF WATER DESIGN-BUILD PROJECTS

SOURCE: WATER DESIGN-BUILD COUNCIL; *USED WITH PERMISSION*

- **155 Responses from 15 States**
- **Asked about use of and satisfaction with Design-Build and CMAR**
- **42% of survey respondents used progressive design-build**
- **91% state that they will use alternative procurement again.**
- **89% state that the use of innovative ideas in alternative procurement saves money and time and improves quality.**

# SUCCESS IN WATER/WASTEWATER PROJECTS

SOURCE: WDBC/HASKELL CONSTRUCTION USED WITH PERMISSION



## Research and Findings

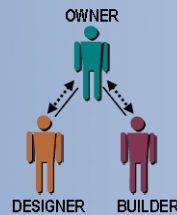
Collaboration

Schedule

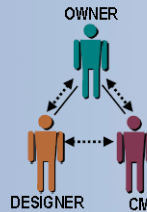
Cost Control

Quality

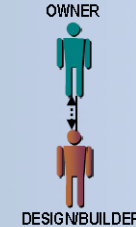
Design-Bid-Build



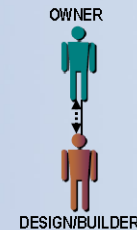
Construction Management at Risk



"Progressive" Design-Build



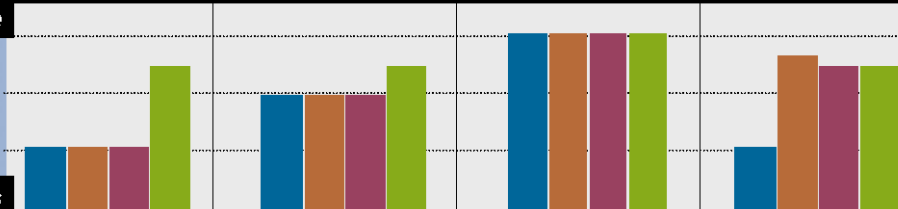
Lump Sum Design-Build



Key Measures of Project Success

More

Less





# FEDERAL HIGHWAY ADMINISTRATION

## 2006 DESIGN-BUILD EFFECTIVENESS STUDY

- 14% shorter duration
- 3% cost savings
- No change in quality
- “Significantly lower cost and fewer claims for design-build projects reflect a fundamental shift in transportation construction contracting. The less adversarial atmosphere bodes well for this procurement method, particularly for high visibility projects where cooperation between project owners and their design and construction contractors is essential to project success.”

# MANAGING RISK THROUGH THE CONTRACT

- Owner and Design-Build Team collaborate on the design throughout the project
- Robust cost reporting and budget reviews
- Third party validation of costs
- Competitive solicitation of subcontracts
- Integration of design and construction resolves issues at earliest and least expensive point in time.

# DESIGN-BUILD RESOURCES

- Design-Build Institute of America
  - [www.dbia.org](http://www.dbia.org)
  - Manual of Practice
  - Education: Seattle Certification Workshop May 12-16
- Washington State Owner's Forum
  - May 14, 8:30 – 4:30
  - Seatac Airport Conference Center
  - Topic: “Price Factor Design-Build”
    - Michael Loulakis, JD, DBIA, Capital Project Strategies, LLC
    - Steve McCabe, AECOM
    - Michael Knize, AECOM