

Owners Project Performance Research

Lean Construction Institute

Why this Research is Important

Project owners in the US construction industry will benefit greatly from a deeper, more granular understanding of *why their best projects are better than their typical projects*. Armed with real data correlating the impact of specific organizational, commercial and operational approaches on project performance, owners can:

- More effectively assemble, structure and manage their project teams
- More reliably meet schedule, cost, quality and safety objectives for each project
- More consistently deliver against the overall capital facility-related goals of their organizations

Boosting project performance in these ways will fundamentally improve the design and construction process for everyone involved.

What the Research Study Involves from Owners

Owners are asked to complete a structured 15 minute online survey, in which they:

- Provide cost, schedule, quality and safety performance of a specific project completed in the US that they consider to be one of their best, and the same information for another they would consider typical.
- Identify specific organizational, commercial and operating system aspects of each project, such as method and timing for team selection, type of contract, degree of collaboration and use of specific lean approaches (e.g., Big Room, Target Value Design and Last Planner System, etc.)

Status of the Research Study

The goal is to collect data from 150 owners. This will enable deep analysis to provide the most useful data for the industry. Up to this point 32 owners have completed the survey. Some of the findings so far include:

- **Organizational: 75% engage key stakeholders before schematic design on their best projects**, compared with just 28% on their typical projects.
- **Commercial: IPD is the most common contracting method used on their best projects** (reported by 34%), and it is not used on any typical projects.
- **Operating System: Half (47%-53%) report using Colocation/Big Room, Target Value Design and Last Planner System on their best projects**, but less than 15% report using these approaches on typical projects.

How Owners Should Prepare Before They Begin

Before starting, owners should review the Offline Version of the Owners Project Performance Survey and collect the data that is requested. In that way the survey should be able to be completed within 15 minutes. Owners may need to source some of the information from others within their organization or from supply chain members familiar with either the best or typical projects.

Benefits to the Owners that Respond

Owners who complete the survey will receive a special report of the findings prior to their release to the general public so they will be able to put the data to use immediately. They will also be making a valuable contribution to improving project performance and outcomes across the entire design and construction industry.

The Owners' Data Is Confidential

Dodge Data & Analytics ensures the complete confidentiality of all survey respondents through the following means:

- The link through which respondents access the survey cannot be traced to a specific respondent.
- Email addresses gathered for the purposes of providing the incentive for taking the survey to that respondent are used for that purpose only.
- All data is solely presented in aggregate form, so no single response is ever reported, other than directly to the respondent as part of the incentive.