



EXPERTS | 2013

HNTB expert:
Ed McSpedon, PE
CEO
HNTB Advantage

“Our focus on technical excellence and building long-term, value-based relationships with our private- and public-sector clients in the design-build market allows us to deliver exceptional results on the largest, most complex design-build infrastructure programs.”

Ed McSpedon is CEO of HNTB Advantage, the firm’s business unit focused exclusively on design-build projects and programs.

McSpedon, who has been with the firm since 1995, has three decades of experience in both the public and private sectors of the transportation industry. An executive-level engineer, he previously served as HNTB’s director of corporate development, identifying and overseeing strategies to grow the firm, and he has managed the design and construction of some of the country’s largest public works programs. Past design-build project experience includes the Alameda Corridor Trench in Los Angeles, the Pasadena Gold Line for the Los Angeles County Metropolitan Transit Authority and the San Francisco International Airport extension for the Bay Area Rapid Transit District.

Design-build streamlines project delivery through a single contract between the owner and the design-build team. To date, 47 states and Puerto Rico have adopted design-build as a way to deliver large, complex projects faster and within extremely constrained budgets.

Design-build projects can be completed more efficiently and safely, mitigating risks to schedule and costs for contractors and owners.

McSpedon can discuss a wide range of design-build trends, including:

- **Why states increasingly are turning to design-build project delivery**, making it one of the most significant trends in U.S. design and construction today.
- How combining the talents of designers and contractors at a project’s onset **can work to the owner’s advantage**.
- How the **“best value” design-build selection process** differs from the traditional “lowest price” bid.
- What allows the design-build process to provide faster delivery (up to 30-50 percent) and **more innovative, high-quality results**.
- When it makes sense to go with design-build, particularly **when exploring alternative financing opportunities**.
- **Why all transportation authorities and infrastructure owners should have the option to use design-build.**

Education:

- Certificate in management
University of Southern California
Graduate School of Business Administration
- Master's degree in civil engineering
(transportation)
Manhattan College, New York City
- Bachelor of Science in civil engineering
(structural/transportation)
Manhattan College, New York City

Professional affiliations:

- Member – Construction Industry Round Table
board of directors
- Member – American Public Transportation
Association; past chair, construction committee
- Member – American Society of Civil Engineers;
editorial board, *Engineering Management Journal*
- Lifetime Fellow – Institute for the Advancement
of Engineering
- Member – Construction Management Association
of America
- Member – Los Angeles Sports Council board of
directors
- Inner Circle Member – Los Angeles World Affairs
Council

Awards and recognition:

- Chairman's Special Award for Urban Design –
Los Angeles Business Council
- Leadership and Achievement Award –
Central City Association of Los Angeles
- International Award for Management Excellence
– Project Management Institute
- Outstanding Engineering Merit Award –
Institute for the Advancement of Engineering
- Engineering Project Achievement Award -
Metro Red Line – Institute for the Advancement
of Engineering
- Certificate of Outstanding Performance –
U.S. Department of Transportation