

One of the toughest decisions a client will ever make is selecting a
**project delivery method...
 we can help**

CDM Snapshot

- **Employee-owned, founded in 1947**
- **Multi-disciplinary staff of 4,300**
- **More than 100 offices worldwide**
- **Full range of services: Consulting, Engineering, Construction and Operations**

Key CDM Differentiators

- **Design-Build Mindset:** Single point of responsibility improves communication and project efficiency
- **Design Centers:** Forum and technologies for integrated project delivery, globally connecting project staff in integrated delivery processes and 3D/4D design and modeling tools
- **Design-Build Training:** In-house training for key designers and construction personnel; week-long curriculum includes the four stages of a project, case studies, best practices, and in-depth collaboration skills modules
- **QMP4:** Commitment to quality control specific to design-build

CDM Overview

CDM is a truly integrated design-build team. This means our engineers, designers, schedulers, construction personnel, safety officers, and all project team members work for one company and have one goal: the success of your project. The result of this internal cohesiveness is improved communication and collaboration, reduced conflicts, shared resources, and a single point of responsibility for the entire project.

CDM offers the following advantages to our clients:

- **Rapid resolution** of issues and clear means of communication because there is no dilution of responsibility or questions of accountability

- **Project efficiency** as a result of eliminating a tier of contracting, reducing the administrative burden, streamlining the procurement process, and maintaining a single point of responsibility
- **Innovative and cost saving** ideas and schedule efficiencies by involving key construction and operations personnel in design and construction while working in partnership with our clients throughout the project lifecycle
- **Ability to incorporate sustainability** considerations into the design-build process

DBIA Award-Winning Projects

Membrane Bioreactors for Reclaimed Water
Rio Rancho, New Mexico



Southern Region Tertiary Treatment Plant at Marine Corps Base Camp Pendleton
Oceanside, California

Gilbert and Mosley Remedial Investigation
Wichita, Kansas



Coastal Development and Environmental Improvements Project
Budva, Montenegro

Selecting the Delivery Method of Choice

CDM offers alternative delivery options that take into account each project's unique considerations, including scheduling, the project's fiscal requirements, the owner's risk tolerance, time sensitivity for project completion, and state/local statutes. Each method of delivery addresses these factors in different degrees, enabling CDM's team of professionals to select a method that is well suited to your specific needs.

Our professional resources include the following:

- More than 1,740 professional engineers registered in all 50 states and over 24 countries, and nearly 500 scientists
- More than 30 registered architects in 30 states and 220 registered geologists in 31 states and territories
- Highly qualified management consultants and other specialists
- More than 480 construction personnel—including cost estimators, schedulers, controllers, and construction management staff with licenses and professional registrations worldwide



3D/4D Design-Build Collaboration Centers

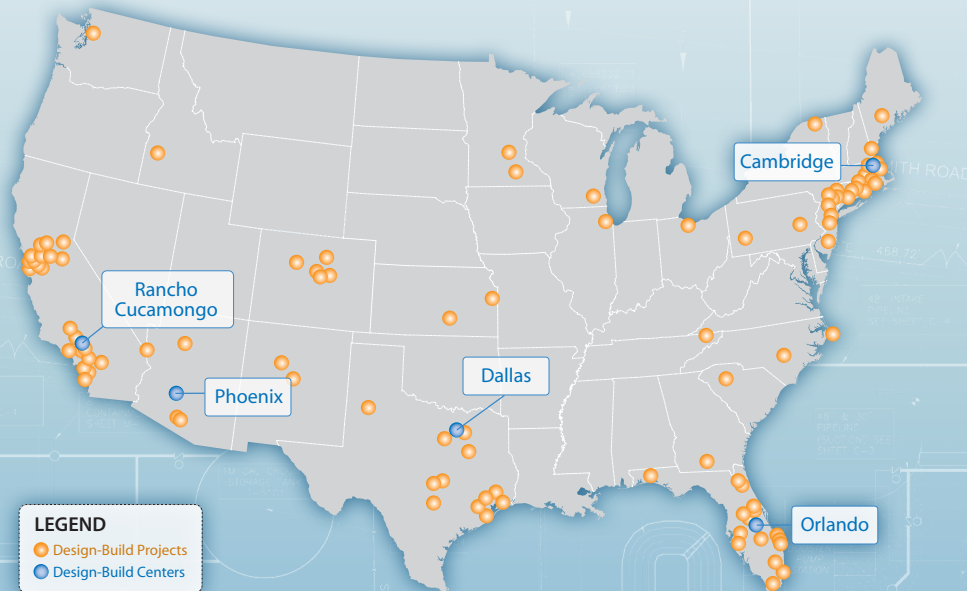
Over the last 20 years of delivering Construction Management at Risk (CMAR) and design-build projects, CDM has accumulated a wealth of experience in alternative delivery. From that experience, CDM has implemented a Design-Build Collaboration Center concept. Our centers are state-of-the-art communication, design, and construction venues that allow engineers, contractors, and owners to jointly collaborate. Our experience with these centers has proven project benefits, including:

- Collaborative and integrated team culture, which eliminates traditional contractual barriers between engineers, contractors and owners
- Expedited schedule delivery, as communication and resources are shared between entire design team and construction management team
- Increased value engineering opportunities, as contractors and engineers live the project together

The overall design approach to 3D/4D is based on the simple principle of providing our clients with a superior and more cost-effective project solution by utilizing state-of-the-art technology in intelligent project design. CDM uses a sophisticated suite of tools and techniques to achieve this goal.

Technology/ Tools

- 3D production design
- “Living” database for design data
- Electronic document management system
- Enhanced design review with 3D model visualization
- Data extraction, including material takeoffs and customized reports



LEGEND

- Design-Build Projects
- Design-Build Centers