



Vernon Hills, Illinois  
Corporate Headquarters  
(847)634-5550

Scottsdale, Arizona  
(480)946-5550

Eureka, California  
(707)444-3800

Ferndale, California  
(707)786-5207

Centennial, Colorado  
Carroll & Lange-Manhard  
(303)708-0500

Smyrna, Georgia  
(770)803-6300

Lombard, Illinois  
(630)691-8500

Schererville, Indiana  
(219)865-5665

Largo, Maryland  
(301)357-8591

Reno, Nevada  
(775)746-3500

Carson City, Nevada  
(775)882-5630

Norfolk, Virginia  
(757)687-0545

Toll-free: 866-MANHARD (866)626-4273 [manhard.com](http://manhard.com)

Civil Engineering • Surveying • Water Resources Management • Water & Wastewater Engineering • Supply Chain Logistics  
Construction Management • Environmental Sciences • Landscape Architecture • Land Planning

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## Big Risks, Easy Choice

*For most companies, construction management happens in one of two ways. It's either fast, efficient and painless. Or it's a source of frustration, resulting in cost overruns, delays and management headaches as one costly surprise after another pops up.*

*The stakes couldn't be higher. That's why Manhard Consulting should be involved in your next project.*

*Our construction management team has years of experience in this specialized discipline. We can help you avoid surprises and keep your project on-budget, on-schedule and on-track.*



### Construction Management Services

Manhard Consulting delivers end-to-end construction management services to residential, commercial, business/industrial, institutional and recreational developers and local, state and federal agencies. Services are available nationwide.

- ◆ Contract and Bid Negotiation
- ◆ Constructability Review
- ◆ Project Budgeting and Cost Analysis
- ◆ Construction Scheduling
- ◆ Construction Staking
- ◆ Construction Guidance
- ◆ Construction Observation
- ◆ Municipal Acceptance
- ◆ Total Site Coordination

To see a list of disciplines, services and completed projects, please visit [manhard.com](http://manhard.com).

Construction Management Services

*With Manhard Consulting you get proven processes, bulletproof execution, nationwide resources and years of field experience. Construction management is one of our core competencies, which means it can be one of yours, too.*



#### **Due Diligence at Ground Level**

Construction management is land management, so it needs to be tackled from the ground up. At Manhard Consulting, our process begins with extensive due diligence that takes us to your job site to review unique site challenges, overall project design, budget, timeline, available resources and more. Your specific project constraints drive our planning process. You get a detailed management plan, aggressive but realistic schedules, and a budget that is all-inclusive so you have fewer change-orders and no surprises. Due diligence is a Manhard specialty – a combination of instinct, science and practical experience. It's one of the biggest benefits of hiring us to own the construction management phase of your project.

#### **Big-Picture Approach to Detail Management**

Everything we do on your project is designed to anticipate problems and deal with them early, saving time and money during project construction. That's a key part of "value engineering," which consolidates industry best practices in a unique, end-to-end approach to construction management. It includes project design, vendor coordination, direct communication and forward planning. Value engineering is a big-picture approach to handling day-to-day details. For example:

- Sophisticated site surveys are conducted to analyze your site's surface features, drainage patterns, traffic flow and more. The goal is to minimize expensive grading and ensure that dirt is moved just once.
- Sewer and stormwater systems are carefully designed to make the best use of site features and ensure that underground infrastructure is compatible with above-ground development.
- Utilities, construction access and traffic patterns are reviewed so they can be incorporated into the management plan.
- Municipal fees and regulations are studied in detail. Anything that will affect a project's final cost or outcome is built into the plan.
- Progress is tracked daily, sometimes hourly, so real-time fixes and value-added services can be provided as needed.

#### **Nationwide Resources – At Your Service**

In the past three decades, Manhard Consulting has developed relationships with a long list of land development specialists and tradesmen who can bring a range of skills to your project. With offices nationwide, we also have hundreds of on-staff engineers, surveyors and land planners who have firsthand knowledge of the unique

development challenges faced in local regions. Our resources, whether internal or external, are at your service with a phone call.

#### **One Project, One Team**

You can hire Manhard Consulting to handle the entire construction management phase of your project, or you can hire us to own specific tasks only. Either way, we integrate seamlessly into your project. Our team becomes part of *your* team – our skillsets become yours. The key to making it work is good communication at every phase. Manhard Consulting is the conduit for effective communication among teams, with customers, and across development disciplines. We work hard to keep everyone informed so expectations – and schedules – are met.

#### **The Choice is Simple**

The stakes may be high, but the choice is simple. With one call you can bring a capable, proven team to your project to eliminate many headaches and costs in the construction process. Please call us or go online today to learn how Manhard Consulting can help keep your next project on-schedule, on-budget and under control.



*Dirt is moved just once.  
Grading is minimized.  
Schedules are tightly controlled.  
With Manhard Consulting,  
construction management can be simple,  
streamlined, and free of surprises.*



*Good communication and realistic expectations are the keys to reducing costs at ground level. Manhard teams know what needs to be done, and when.*

*An extensive site survey forms the basis of a well-designed, forward-looking plan that minimizes construction-related expenses, accommodates infrastructure, and makes the best use of a site's natural features.*

