



Civil Engineering Land Development

HMH combines technical excellence with proactive project management techniques to deliver comprehensive designs that integrate the needs of our client, all design disciplines, and agency staff. A successful design in today's environment requires a firm with multi-disciplinary resources and the skills needed to bring them together in an all-encompassing design solution.

HMH developed that experience by working through the evolution of the simplistic design approaches of the past to the intricate, team-oriented design efforts required today. Our direct relationships with agency staff allow us to include them as part of the project team and navigate the process to obtain timely approvals.

Whether we are working with our own landscape and joint trench designers, or with outside consultants, we emphasize teamwork in our approach and lead the coordination of project design through to construction.

Since 1976, HMH has provided civil engineering services for:

- Residential Subdivisions
- Townhomes, Condominiums & Apartments
- Commercial, Industrial & Mixed-Use Sites
- Specific Plans
- Master Planned Communities
- Local Roads & Streets
- Storm Drainage & Flood Control Facilities
- Sanitary Sewer Systems
- Water Supply Systems



1570 Oakland Road
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(408) 487-2200
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Civil Engineering Public Works

HMH combines technical excellence with proactive project management techniques to deliver complex Municipal Infrastructure projects on schedule and within budget. Our experienced staff provides services that result in quality performance and innovative solutions.

HMH is a leader in the industry that works to develop strong and lasting relationships with our clients. HMH is strategically placed to provide efficient and effective project delivery for a wide range of public projects:

- Local Streets / Roadway Infrastructure
- Highway and Interchange Improvements
- Stormwater and Sanitary Sewer Design
- Rail Road Grade Crossings
- Light Rail Transit Civil Works
- Right-of-Way Engineering
- Pavement Rehabilitation Techniques
- Streetscape Design & Traffic Calming
- Project Study and Reports
- Plan Line Design and Implementation
- Traffic Management Planning
- Bicycle and Pedestrian Trails
- Aesthetic Enhancements with Public Input

HMH is a full service design firm that provides a diversified approach to project delivery. With our qualifications, we have the ability to work beyond the typical project context limits. We can deliver project success through collaborative partnerships, connecting our clients with the right people to meet the project goals.

As a business, we believe that being part of the local community and delivering beyond the standard is what encompasses our Pride in Ownership, resulting in client satisfaction.



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Civil Engineering Pavement Rehabilitation Design

Pavement rehabilitation in today's environment is a complex and challenging process. Advancements in technology provide opportunities for better pavement evaluation and rehabilitation techniques that are economically sound and environmentally friendly. But without a focused design team, ready for immediate and proactive development of required plans, specifications and estimates, funding opportunities might be missed, projects will be delayed or even put on hold.

As part of HMH's Civil Engineering services we offer the technical expertise and proven performance on pavement rehabilitation projects throughout the Bay Area to deliver project design packages within the quick turnaround times needed. We minimize project-related traffic impacts during design and construction with the use of 3D laser scanning technology for remote topographic data acquisition and carefully designed construction staging and traffic control plans. We incorporate geometric analysis and provide recommendations for economically feasible improvements. Our knowledge of Recycled Asphalt Pavement technology and Recycled In Place methods provide an additional resource to enable environmentally sound pavement rehabilitation or replacement strategies.

HMH Provides:

- Civil Engineering for turn-key project coordination and construction document preparation
- Experienced assistance with Federal and State funding allocation
- Remote High Definition 3D Laser Scanning data acquisition for minimized traffic impacts
- Experience of over 30 years in preparing PS&E packages resulting in concise public bidding and reduced claims risk
- Technical expertise necessary to optimize pavement life-cycle
- ADA compliant designs for ramps and crosswalks
- Intersection design to improve drainage or provide enhanced channelization or traffic calming



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