



TRANSPORTATION SERVICES



HORROCKS

ENGINEERS



TRANSPORTATION

Horrocks Engineers is known for providing high-quality transportation services. With more than 50 years of experience in the planning, analysis, design, and construction management of transportation facilities throughout the western United States, we offer full-service transportation engineering for large and small projects. From environmental documentation to construction management, we have the resources necessary for any job and the people needed to do it well.

SERVICES

- Alternative Delivery
- Construction Management & Inspection
- Corridor & Feasibility Studies
- Environmental Analyses
- Environmental Documentation
- Independent Quality Firm (IQF)
- Program Management
- Public Involvement
- Right-of-Way Documentation & Acquisitions
- Survey & Topographic Mapping
- ITS & Telecommunications
- Traffic Operations
- Transit Planning
- Transportation Engineering
- Utility & SUE Services

PLANNING

Environmental Documents
Horrocks' Environmental Department produces the environmental documentation required for transportation infrastructure projects. Access to in-house environmental specialists allows us to provide environmental analyses, comprehensive alternatives, and defensible documentation.

Traffic Operations
We conduct traffic impact studies and level of service (LOS) analyses for small and large projects, including regional traffic studies requiring complex traffic operations and simulation models.

Transit Planning
Horrocks has provided transit planning and design projects for private, local government, and state agencies including light rail, bus rapid transit (BRT), and commuter/heavy rail.

DESIGN

Transportation Engineering
Our firm includes a diverse range of specialists and departments working together to produce comprehensive design services, including:

- Interstates & Roadways
- Interchanges
- Signals & Intersections
- Drainage & Hydraulics
- Structures
- Utility Coordination & Design
- Subsurface Utility Engineering (SUE)
- Right-of-Way
- Survey & Topographic Mapping

From local roadways to major highways, Horrocks provides exceptional engineering designs for challenging transportation projects.

DELIVERY

Program Management
Transportation projects often face challenging constraints for funding, schedule, and scope. As Program Manager, Horrocks Engineers can help clients determine and achieve their program goals and serve as a guide for delivery options. We work with owners and design-build teams or CMGC contractors to solve problems and innovate on project elements, while also meeting the owner's schedule and budget expectations.

Alternative Delivery
We are experts in alternative delivery methods such as design-build, progressive design-build, and CMGC or CMAR. Horrocks has participated in several pioneering projects that utilized innovative techniques to develop cost-efficient designs and maximize project value.

CONSTRUCTION

Construction Management
Our Construction Engineering Management (CEM) services include materials testing, inspection, and construction documentation. We implement an aggressive Quality Management Plan (QMP) on all projects to track testing and documentation for full project compliance.

IQF
As an Independent Quality Firm (IQF), Horrocks ensures quality through a completely independent process. We are accustomed to acting as an independent Quality Assurance (QA) extension for project owners and possess a thorough knowledge of DOT requirements.



SERVICES

Construction Management

Environmental

Geographic Information Systems (GIS)

Land Development

Public Involvement

Right-of-Way

Structures

Survey

Telecommunications

Transportation

Utilities

Visualization

Water Resources

www.horrocks.com

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