

# Transportation Engineering

---

With our extensive understanding of private development projects, we bring experience to the discipline of transportation engineering. While many engineering firms focus on transportation issues only, our team of consultants understand the connection between the private and public sector as it relates to the development of public roads, highways, intersections and streetscapes. These public improvements are directly linked to private development. The private sector not only contributes to the design capacity of the roadway, but should also be considered as an economic driver and stakeholder of the community. Interaction between private developments and public roadway improvements is an integral aspect of transportation engineering.

Even more importantly, our transportation engineers and planners live in the communities we serve. Our experience working with communities, developers and transportation departments allow us to gain a unique understanding of the wants, needs and challenges of safe and effective transportation corridors. This includes considering the long-term economic and environmental benefits/impacts of a project. This may include acquiring public support, helping obtain funding sources, or even designing corridor enhancements to help communities improve traffic safety while recognizing the individual need of the community.

Whether it's a traffic study, a pavement restoration project, a more complex municipal roadway design, or a bridge replacement, JSD's team will be there from concept to construction. Our experts take a mountain-top view of the project, allowing us to share realistic and cost-effective solutions for your needs.

We are honored to be part of a team to improve and protect public spaces—this means sharing the responsibility for creating safe and effective infrastructure. Our team can solve transportation challenges and deliver solutions that will not only address current needs, but prepare communities for the future!

**While many engineering firms focus on transportation issues only, our team of consultants understand the connection between the private and public sector as it relates to the development of public roads, highways, intersections and streetscapes.**

## Services Include:

- **Public Roadway Design**
- **Intersection Design**
- **Plans, Specifications and Cost Estimates**
- **Streetscape and Highway Landscape Design Public Improvement**
- **Utility Coordination**
- **Traffic Studies**
- **Public Facilitation**
- **Agency Coordination and Permits**
- **Construction Services**
  - **Construction Costs Estimating & Budgeting**
  - **Construction Bidding & Administration**
  - **Contract Management**
  - **Construction Observation**