

J.F. Sato and Associates, Inc. (JFSA) is a professional consulting engineering firm providing civil engineering, transportation design, structural engineering, and surveying for a wide range of infrastructure projects. Founded in 1979, the firm has established a solid track record of high-quality service and performance for large and small roadway projects and civil engineering for all types of development. JFSA is a certified Disadvantaged Business Enterprise (DBE), Minority/Women Owned Business Enterprise (M/WBE) and a Small Business Enterprise (SBE) with the Colorado Department of Transportation (CDOT), City and County of Denver and the Regional Transportation District in the areas of civil engineering, traffic engineering, surveying, site remediation consulting services, construction management and construction engineering.



CORE ENGINEERING DISCIPLINES

- Transportation design
- Traffic engineering
- Civil engineering/site development
- Structural engineering
- Surveying
- Construction staking

JFSA has provided design and engineering services for local, state, and federal agencies throughout Colorado and parts of the United States. We have also held numerous on-call or Non-Project Specific (NPS) contracts. JFSA takes pride in our thorough knowledge of agency policies, criteria, and personnel.

SERVICES

Transportation Design

- Project management
- Highway and rural/urban roadway design
- Street rehabilitation
- Interchange design
- Roundabout design
- Sidewalk and multi-use trail design
- Development and evaluation of design alternatives
- Phasing/construction traffic control plans

Traffic Engineering

- Traffic signal design
- Signing and striping design/plans
- Travel demand forecasting
- Traffic safety and impact analysis
- Traffic operations modeling
- Traffic studies and analysis
- Traffic analysis of roadway system alternatives
- Roundabout design and traffic modeling

Civil Engineering/Site Development

- Site development (grading and infrastructure)
- Water, sanitary, and storm utility studies and design
- Street rehabilitation/signage and striping
- Site drainage analysis and design
- Storm detention and water quality facilities design
- Erosion control/stormwater management plans and permitting
- Low-impact development and sustainability design
- Construction administration services

Structural Engineering

- Retaining walls and foundations
- Noise walls and foundations
- Water/wastewater treatment and storage design
- Historic structure evaluation and modifications
- Drainage and water quality structures
- Administration and laboratory facilities
- Structural inspection services
- Dam peer review and value engineering

Survey

- Right-of-way (ROW) plans
- Ownership maps
- Design surveys
- Topographic mapping
- Boundary surveys
- Aerial mapping
- Legal description support
- Photogrammetry