WHO WE ARE

John Morrison and Joe Maierle met while working for the Bridge Division of the Montana Highway Department in the 1930s. Back then, Montana lacked interstates, bridges, and modern-day transportation systems. In fact in many parts of the state, transportation was nothing more than single-lane, dirt roads.

Conversations and collaborations at work made John and Joe realize they shared a common goal—they wanted to create solutions to help pull Montana “out of the mud.” So they put their passion to the test, and in 1945 built a start-up business housed in John’s home.

From day one at Morrison-Maierle, John and Joe decided their main goal was client satisfaction and the way they were going to achieve that was to create solutions that helped them build better communities. They approached their business like they built engineering projects—one step at a time and with integrity, commitment, respect, and excellence. These four words became our building blocks and symbolize the way projects are designed and clients are served today. As a result, Morrison-Maierle has been creating solutions throughout the western United States for more than 70 years.

From two engineers with deep commitments to communities, Morrison-Maierle has grown into a Top 500 Design Firm that is built on four core values. Our firm uses these building blocks to create solutions for airports, buildings, land development, natural resources, mining, surveying, transportation, and water-wastewater projects.

We create solutions that build better communities

[Social media icons: Facebook, Twitter, LinkedIn, Google+]

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WHAT WE DO

■ Airports
Our staff of experienced airport engineers, planners, and construction representatives provides a full range of services like grant administration, planning, design, and construction management. For more than 70 years, Morrison-Maierle has steadily built relationships within the aviation community. We deliver quality projects that meet our clients’ needs and comply with federal and state regulations. From our work with regional architectural and planning firms on terminal expansion and in-house work with our buildings, environmental, geotechnical, and survey employees, our staff has a proven track record for beginning-to-end project success.

■ ARFF Training Centers
Morrison-Maierle has more than 20 years of experience in the development of Aircraft Rescue Firefighting (ARFF) training centers. Our team is made up of engineers and planners from several of our market groups as this specialty requires experience and understanding of airports, buildings, and developments. As one of the few full-service engineering firms that works in this area, Morrison-Maierle has completed projects across the U.S.

■ Buildings
Morrison-Maierle’s civil, structural, mechanical, and electrical engineers combine their talents to create comfortable, healthy, energy efficient, LEED-certified, and productive spaces. Our team approach to buildings and structures promises to deliver final projects that are cost-effective, sustainable solutions that will meet the needs of our clients for the long-term. We have collaborated with architects, contractors, state agencies, and a wide variety of stakeholders to deliver projects that provide both new and retrofit projects like institutional/office buildings, industrial structures, and hydraulic structures.

■ Development
Transforming a parcel of land from its existing use to a proposed development requires versatility, technical depth, and a common-sense approach. Morrison-Maierle’s team of engineers, surveyors, planners, and scientists have the experience to create and plan developments that will be approved in a timely, cost-effective manner and provide a benefit to surrounding communities. We offer a full range of services and the visioning, communication, and regulatory expertise necessary to produce a comprehensive design for both residential and commercial projects.

■ Industrial
Industrial operations face continuous challenges to improve efficiency, implement government regulatory-associated improvements, and provide environmental stewardship. We understand the demands on industrial companies to maintain and often increase production while lowering overall costs. Engineers from all of our market groups work on industrial projects that provides our clients with a diverse pool of technical expertise. Whether the project involves expanding facilities, installing new infrastructure, designing new processes, or reconfiguring processes to meet new regulations, Morrison-Maierle can design projects that meet the needs of our industrial clients.

■ Natural Resources
Effectively managing our natural resources is always on the minds of our scientists and engineers. Whether facing flood control issues, restoring the beauty to a river or stream, or trying to navigate through the complicated web of environmental permits, we know how to integrate infrastructure into the natural environment to help our clients achieve their project goals. Our staff has expertise in environmental policies and knows how to develop engineering solutions that help protect and restore our land, waterways, and native species.

■ Surveying
Land surveying is like many professions that rely heavily on new technology. As new tools and techniques are developed, there is still a need for professionals who understand the foundations of development, construction, land mass, and maintenance. At Morrison-Maierle, we know that new technology is sometimes only as good as the people operating it. That’s why we have professionals who can provide government agencies, developers, and contractors sound solutions to help them achieve their goals. Our surveyors work hand-in-hand with our technical teams to create a practical and functional approach to surveying projects.

■ Transportation
Developing and designing comprehensive and customized transportation projects that meet the needs of our communities is the driving force for our transportation engineers. As states face tightening infrastructure budgets, we work with our clients to study, plan, and develop cost-effective transportation solutions for both the largest highway systems to the smallest rural roadways. With several award-winning and nationally recognized projects, Morrison-Maierle’s transportation group incorporates several engineering disciplines into its work for state agencies and local stakeholders.

■ Water / Wastewater
Since most water/wastewater projects present unique challenges, we know how to create solutions for a wide variety of projects. From large cities to small rural communities, our water/wastewater engineers understand that good design is critical to the development of cost-effective, long-term solutions. We use cutting-edge technology and sound engineering practices to help each community meet their systems’ needs. We are experienced not only in design, but project management, locating funding sources, administration, and have many years of experience working with a broad range of stakeholders.
OU WORK

- **Airports**
  - Control towers
  - Terminal design and expansions
  - Master planning, environmental assessments, ALP narratives
  - Grant administration
  - Program management
  - Runway, taxiway and apron improvements
  - Site selection and new airport design
  - Airfield lighting
  - Access roads
  - Parking design and improvements
  - Snow removal equipment facilities
  - Part 139 security plans and systems

- **ARFF Training Centers**
  - Hydrocarbon and propane burn pit designs
  - Facility and site planning
  - Environmental assessments
  - Business plans and financial analysis
  - Building planning and design
  - In-house civil, structural, mechanical and electrical design
  - Bidding and construction management
  - Vehicle specs and acquisition
  - Building Information Modeling

- **Buildings**
  - Sustainable design, LEED and Green Globes Accredited professionals
  - Site improvements, grading, and utility design
  - Building commissioning
  - Structural investigations, condition surveys, and seismic assessments
  - Design for historic renovations/remodels
  - Systems evaluation, analysis and design
  - Structural special inspections
  - Energy modeling and analysis
  - HVAC system design
  - Plumbing system design
  - Fire protection/alarms system
  - Alternative energy sources
  - Lighting and power design
  - Standby power system
  - Power system modeling: short circuit, breaker and fuse coordination
  - Arc flash analysis
  - Welding design, analysis, and inspection

- **development**
  - Project and Feasibility assessments
  - Conceptual planning
  - Project entitlements and design
  - Environmental permitting
  - Commercial site development
  - Commercial and residential subdivisions
  - Traffic impact analysis
  - Material testing

- **Industrial**
  - Mine infrastructure
  - Processing facilities
  - Process optimization
  - Mine water treatment
  - Mine reclamation
  - Hydraulic modeling and surge analysis
  - Finite element structural analysis
  - Rigging design
  - Overhead crane design
  - Energy modeling and analysis
  - Arc flash Studies
  - Construction administration
  - Studies and project analysis

- **Natural Resources**
  - Biological data collection
  - Dams
  - Diversion dams
  - Environmental assessments
  - Erosion control
  - Fish passage and screening
  - Flood plains
  - GIS
  - Grant writing
  - Groundwater modeling
  - Hydraulics
  - Hydrogeologic investigations
  - Hydrology
  - Hydropower
  - Intakes
  - Irrigation
  - Permitting
  - Preliminary engineering reports
  - Regulatory compliance
  - Storm water
  - Stream channel restoration
  - Stream flow modeling
  - Water wells
  - Watershed management
  - Wetland delineations

- **Transportation**
  - Street and highway design
  - Traffic impact studies
  - Bridges & structures
  - Traffic signal and roundabout design
  - Utilities coordination
  - Right-of-Way services
  - Transportation plans
  - Pavement management
  - Corridor plans and studies
  - Parking studies
  - Traffic control warrant analyses
  - Construction administration

- **Water / Wastewater**
  - Facility planning and capital improvements
  - Funding strategy assistance and implementation
  - Water and wastewater process design
  - Water supply development
  - Water reclamation development
  - Water distribution, pumping, and storage
  - Wastewater collection and pumping
  - Operations and maintenance planning
  - Environmental and regulatory compliance
  - Start-up assistance

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WHERE WE ARE

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