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 U. S. 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 buildings, airports, land development, natural resources, mining, surveying, transportation, and water-wastewater projects.

We create solutions that build better communities
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.

### Airport Capabilities

- 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 and ARFF equipment facilities
- Snow removal and ARFF equipment acquisition
- Part 139 security plans and systems
- Signage
- Fuel systems
- Revenue generating facilities
- Land acquisition assistance

### Our Expertise

Our dedicated and talented team enjoys building strong relationships with our clients by listening closely to their goals and working together to achieve them. Our team has significant experience dealing with complex engineering designs for many general aviation, non-hub and small-hub airports.

#### Airfield Paving

- Asphalt and concrete runway new construction, reconstruction, rehabilitation, overlays, groove and extension
- Asphalt and concrete taxiway construction, reconstruction, rehabilitation, overlays, and extension
- Air carrier aprons - concrete
- Air carrier ramps - air carrier paving, overlays
- Air cargo ramp, asphalt and concrete

#### Lighting and NAVAIDS

- High intensity runway lights
- Medium intensity runway lights
- Medium intensity taxiway edge lighting and guidance signs
- Taxiway centerline lighting
- ILS site development; ILS equipment installation/relocation
- Approach lighting system / design or study

#### Fencing and Support Facilities

- Boundary/security fencing; security gates; security improvements
- Security enhancement, CCTV
- ARFF equipment/ARFF building
- Snow removal equipment/snow removal building

#### Landside Improvements

- Airport access roads and terminal parking
- Maintenance buildings, hangar buildings, T-hangar, individual, corporate
- Terminal building design, construction, studies
- Water and sewer drainage utilities

#### Planning and Acquisition

- Master plan and master plan updates
- Environmental assessments and impact statements
- Land acquisition and relocation
- Stormwater ponds
WE ALSO DO...

As a multi-disciplinary firm, Morrison-Maierle provides capabilities in eight market groups. The following list is a brief description of services that some of our clients have used in their projects.

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

**Natural Resources**
- Biological data collection
- Dams/Dam safety compliance
- Environmental assessments
- Erosion control
- Fish passage and screening
- Flood plains
- GIS
- Groundwater modeling, hydraulics
- Hydrology & hydropower
- Intakes & irrigation
- Permitting, PERs
- Regulatory compliance
- Storm water
- Stream channel restoration & modeling

**Surveying**
- Pavement Condition Index (PCI) surveys
- 3D survey scanning
- ALTA/Title surveys
- Cadastral retracement
- Right-of-Way & Route & corridor surveys
- Power transmission, fiber optic, pipeline
- Topographic mapping
- Highway, airport, development, and civil and construction surveys
- Industrial development

**Transportation**
- Street and highway design
- Traffic impact studies
- Bridges & structures
- Traffic signal and roundabout design
- Utilities coordination
- Right-of-Way services
- Community transportation plans
- Corridor plans and studies
- Parking studies
- Traffic control warrant analyses
- Construction administration
- Access roads
- Pay parking lots
- Traffic control signage

**Structural, Mechanical, Electrical**
- Sustainable design
- LEED and Green Globes Accredited professionals
- Structural investigations
- Condition surveys
- Seismic assessments
- Structural design for historic renovations/remodels
- Structural systems evaluation, analysis and design
- Structural special inspections
- Welding design, analysis, and inspection
- Energy modeling and analysis
- Heating, ventilation, and air conditioning (HVAC) system design
- Plumbing system design
- Fire protection/alarm system
- Alternative energy sources
- Lighting and power design
- Standby power system
- Power system modeling: short circuit, breaker and fuse coordination
- Arcflash analysis
- Building Information Modeling (BIM)
- Clash detection/coordination analysis
- 3D scanning/surveying

We create solutions that build better communities