

Silver River Bridge Alston, MI



SPECIFICATIONS:

Size: 70 ft. span

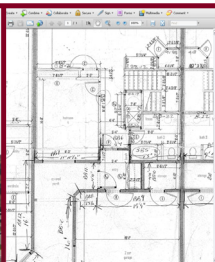
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PROJECT DESCRIPTION:

Division1 Design provided design services for Van Straten Brothers for a bridge to cross the Silver River Bridge. The bridge is owned by the Baraga County Convention and Visitors Bureau and is located along a snowmobile trail. The bridge spans 70' long and 15' wide. Design required analysis of snowmobile, trail groomer and logging truck load cases and was in accordance with US Forest Service specifications.

ENGINEERED TO ENSURE SUCCESS



OUR SERVICES

Pre-Planning
Feasibility Studies
Site Analysis
Permitting
Surveying
Environmental Planning
Zoning

ARCHITECTURAL DESIGN

Master Planning
Conceptual Renderings
Design Drawings
Construction Drawings

ENGINEERING

Geotechnical
Structural
Civil

SUSTAINABLE DESIGN

Green building design as outlined by the U.S. Green Building Council
Brownfield Assistance

CONSTRUCTION DOCUMENTATION

Drawings
Specifications
Proposal forms

CONSTRUCTION PROCEDURES

On-site QC Inspections
Submittal Review
As-built Drawings
Cost Review

PROPERTY SURVEYING

Land Divisions
- Lot Splits
- Site Condominiums
- Platted Subdivisions
ALTA Land Title Surveys
Mortgage Surveys
Legal Descriptions

DESIGN/ENGINEERING SURVEYS

Topographic Surveys
- Site Design
- As built locations
Floodplain & Wetland Mapping

STAKING

Site Grading
Underground Utilities
Building Layout
Roadway Staking
GPS Machine Control
- Terrain Model Preparation
- Orientation and initialization of machine control equipment to site