



Roadway Design & Management

Stahl Sheaffer provides roadway engineering and management services including:

- Highway design
- Preparation of plans, specifications, and estimates
- GIS applications
- Roadway analysis
- Reconstruction design
- Transportation management plans
- Roadway condition inspections and reports
- HD video log of roadway condition
- Development of an initial Pavement Condition Index (PCI)
- Gravel road analysis, as applicable
- Access route planning
- Permit applications
- Geotechnical and pavement analysis
- Roadway maintenance construction inspection
- Highway occupancy permit (HOP) applications
- Administration of EMA's / RUMA's
- Evaluation of safety issues and mitigations



Stahl Sheaffer has developed proprietary technology applications that can be used to document pre- and post-haul damage, support roadway management plans, and budget for roadway maintenance. Stahl Sheaffer evaluates the severity, type, location, and size of roadway defects and estimates the repair costs to fix roadway damage. A *Roadway Evaluation Report* documents the condition of the roadway and includes an analysis of the most cost effective maintenance strategy.