

## WHO WE ARE

WWC Engineering (WWC) is a full service engineering and surveying company that has been serving the Rocky Mountain region since 1980. WWC's range of consulting services is broad and our corporate experience is extensive.

With over 70 employees and offices in Sheridan, Casper, and Laramie, Wyoming and Helena, Montana, we have an exceptional staff of professionally licensed engineers, hydrologists, geologists and land surveyors with a full complement of highly skilled field technicians, CADD specialists and support staff. In addition to our engineering and surveying specialties, our experience in CADD and GIS software products provides us with the ability to produce a fully integrated spatial database with outstanding graphics and presentation capabilities.

This brochure was prepared specifically to illustrate WWC's expertise in assisting clients with their surveying needs. Our goal is to provide you with quality surveying services at a competitive price. The back cover gives contact information to find out more about our surveying services or any of the other services offered by WWC.



## OFFICE LOCATIONS

With four offices, WWC covers a wide market area.

1849 Terra Avenue

Sheridan, WY 82801

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FAX (307) 674-4265

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Helena, MT 59601

(406) 443-3962

FAX (406) 449-0056

[infohln@wwcengineering.com](mailto:infohln@wwcengineering.com)

611 Skyline Road

Laramie, WY 82070

(307) 742-0031

FAX (307) 721-2913

[infoLAR@wwcengineering.com](mailto:infoLAR@wwcengineering.com)

641A Foster Road

Casper, WY 82601

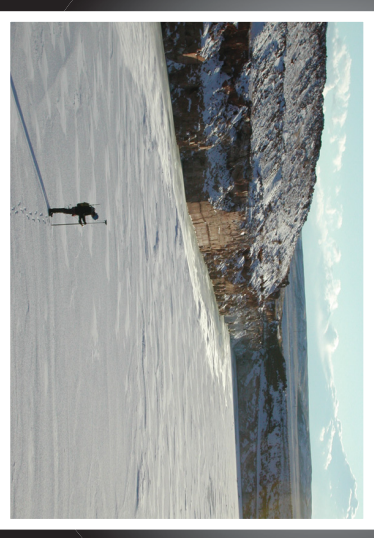
(307) 473-2707

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## SURVEYING SERVICES

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### ROAD SURVEYS

WWC performs surveys for all types of roads including private roads, city streets, county roads, state secondary and Interstate highways. The work consists of all aspects of a project including scheduling, research, planning, fieldwork, calculations, documents and final reports. WWC also conducts surveys to provide necessary data to supplement road designs, such as corridors, drainage surveys, structure surveys and the locations of existing utilities and other surface improvements. WWC provides a skilled professional staff using GPS, total station, digital level equipment and state-of-the-art computer facilities to successfully complete projects.

### BOUNDARY SURVEYS

WWC performs boundary surveys for a variety of properties, such as residential lots and subdivisions, rural lots and tracts, and section subdivisions. These surveys include research and evaluation of existing government or private land surveys, recorded documents, and monumentation. New or additional monumentation is then set to required standards and the proper documents are prepared and recorded with the proper agencies. All land surveying is done by or under the direct supervision of our on-staff licensed Professional Land Surveyors.

### PLANIMETRIC & TOPOGRAPHIC SURVEYS

WWC has the equipment, software, and experience to provide both planimetric and topographic mapping. Data points are collected in the field through the use of conventional, GPS, and aerial surveys, then processed in the office. Planimetric maps show the horizontal positions of natural and cultural features, such as lakes, rivers, mountains, valleys, transportation routes, and cities. These maps show relief and can be provided in a variety of formats. Topographic maps represent the horizontal and vertical positions of features. Vertical relief can be shown on a topographic map through the use of contour lines and as shaded relief maps using digital terrain models. Topographic surveys also allow WWC to provide quantitative information on stockpiles, reservoirs and borrow pits.



### RIGHT-OF-WAY SURVEYS

WWC provides right-of-way services for both retracement of existing right-of-way and establishment of new right-of-way. These services include research and analysis of government land surveys, recorded ownership documents, utility easements and, in the case of retracement, as-constructed plans. Documents are prepared showing the results of the survey, recorded with the proper agencies, and sealed by our on-staff licensed Professional Land Surveyors.

### CONSTRUCTION SURVEYS

WWC has the experience, skilled professionals and modern equipment necessary to conduct all phases of construction surveys. Typical survey services include staking and referencing the centerline, establishing vertical control bench marks, and setting slope and grade stakes to control the locations of structures, culverts and other features. Surveys are conducted to measure quantities of materials used in the project. As-constructed surveys are performed to record the geometry and features of the completed project.