



Our survey department is equipped with the Geodimeter 620 Series Field Surveying System featuring the "one man" robotic Geodimeter 620 Total Station. With this cutting edge technology we are able to exceed the production of most 2-person survey crews, with a single surveyor and an instrument that is operated by remote control. Combine these capabilities with our lap-top field P.C. and cellular phone and you have a complete mobile field office that is capable of communication, drafting and plotting drawings from remote field locations. The capability of the Geodimeter 620 Total Station enables us to reduce survey time and costs while providing a quality and accurate topographic map and digital terrain model.

Our secondary total station is a Geodimeter 420, which is a high accuracy machine with Dual Axis Compensation. This instrument has been replaced by the more efficient Geodimeter 620, but is available in terms of high survey demand.

Miscellaneous survey equipment includes 3 automatic levels, chains, tapes, and older theodolites.

RECENT SURVEY EXPERIENCE

Judith Gap N & S - 4.5 mile, 2-lane primary urban and rural highway reconstruction. Project included the management and coordination of aerial mapping, section corner ties and boundary locations. Also, pickup surveys, detailed hydraulic surveys, and staking for public informational purposes.

Centerville Stockett Rail Trail - 4 mile recreational trail, surveying included aerial photo control, existing right-of-way retracement, horizontal and vertical control, and topographic mapping.

Bullhook Road - 1 mile new construction and 1 mile overlay urban roadway. The project included the management and coordination of primary control. Also, NCI completed secondary control and a conventional topographic survey.

Flying J Travel Plaza - Site and road design of a 12 acre site. This include primary control, preparation of a subdivision plat, and topographic mapping. Also included was staking for a 1200 foot water and sewer utility extension.

Conrad SW - 3.5 mile secondary highway reconstruction. Surveying included, management of section corner ties, pickup surveys, and detailed hydraulic surveys.

Giant Springs Road - 1 mile, 2-lane roadway reconstruction, 12,000 square meter parking lot, and 1 mile of recreational trails. Surveying included the control, property/boundary surveys, section corner ties, and topography.

Malmstrom Air Force Base - Over the past 2 years NCI has completed 12 topographic site maps as a sub-consultant to CTA architects. This work included secondary control, ties to primary control, topographic mapping, and subsurface utility mapping.

Town Pump - 2 site development projects, survey included the control, subsurface utility mapping, and topography.

Rivers Edge Trail - 2 mile recreational trail, survey included property surveys, control and topographic mapping.