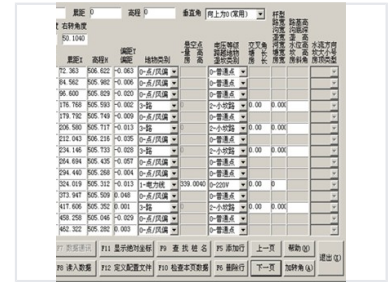


Data Acquisition and Survey System

This is software designed for data collection and surveying. The interface allows users to input and manage data points, coordinates (X, Y), elevation, and classifications of terrain features.



站号	高程	备注	备注	备注	备注	备注	备注
50.1040							
72.363	806.622	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
84.362	805.982	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006
96.600	805.929	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
176.768	805.593	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
179.792	805.749	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009
206.980	805.711	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013
212.043	806.216	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035
234.146	805.733	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029
264.684	805.625	<0.027	<0.027	<0.027	<0.027	<0.027	<0.027
294.440	805.268	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
324.019	805.312	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013
375.147	805.509	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
417.605	805.262	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
458.258	805.046	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029
482.322	805.282	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003

Product Overview

Professional Data Acquisition and Survey System

This comprehensive software solution is designed for professional surveying and geographic data collection, specifically optimized for line research and terrain analysis. It features a robust interface for managing complex data points, including coordinates, elevations, and terrain classifications. The system is ideal for infrastructure planning, allowing users to track overhead obstructions and electrical voltage levels with high precision.

Core Functionality

Data Management Capabilities

Data Import/Export, Coordinate Display, Data Validation, Angle Adjustments, Absolute Coordinate Search

Survey Parameters

Tracked Parameters

- X, Y Coordinates
- Elevation (High-level)
- Vertical Angles
- Distance Adjustments
- Right Turn Angles
- Roadbed Width and Depth

Infrastructure & Terrain

Terrain & Feature Classification

- Overhead Obstructions
- Electrical Voltage Levels (e.g., 220V)
- Terrain Feature Classification
- River Water Levels and Flow Direction
- Building Heights and Roof Types

Software Interface

Interface Features

- Real-time Data Communication
- Configuration File Definition
- Data Page Inspection
- Stake Name Search
- Wind Deviation Points

Technical Metrics

Sample Data Processing

Distance	Elevation	Point Type
72.363	506.622	Standard Point
84.562	505.982	Wind Deviation
176.768	505.593	Road/Path