PC-MAPPER 09

PC-MAPPER is a powerful software tool for **GPS/GIS Data Collection**, **Natural Resource Management**, **GPS Surveying**, **Precision Farming** and **Automated Tree Harvesting**.

Runs on Microsoft **XP**, **VISTA**, **Windows 7** Desktop PC, Notebook PC and **Tablet PC**.

- **Real-Time Navigation**
  Track your **real-time GPS** position on top of a Basemap,
  a DRG map, or a geo-referenced aerial photo.
  Moving Map automatically **re-orients** and **scrolls** as you move along.
  Navigate along a pre-defined route or select any destination on-the-fly.
  Use any GPS with **NMEA-183** output.

- **All-in-One Professional Mapping**
  Use the same PC to plan the mission, collect
  GPS/GIS data, digitize Points, Lines and Areas,
  create buffer areas, label and print out the completed
  map, as well as manage the **GIS** databases.

- **Background Map**
  Load a background map in **GEOTIF**, GEOJPEG,
  JPEG2000, **ECW** or **MRSID**® format.

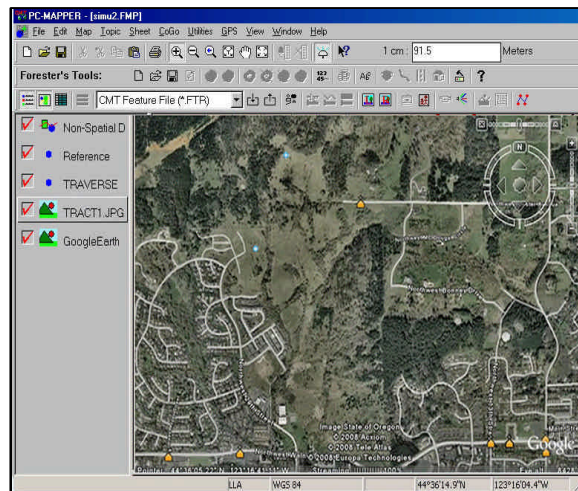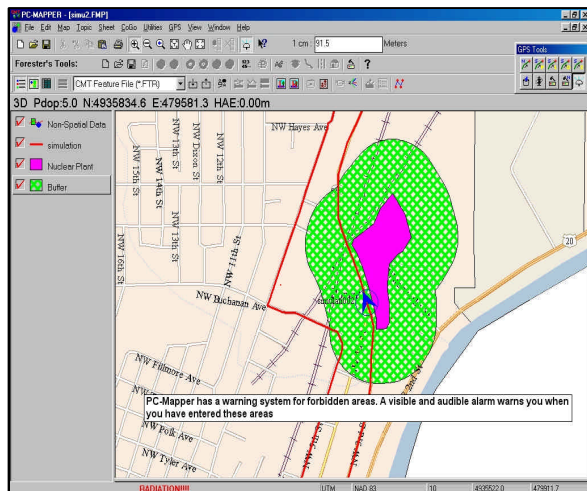- **Google Earth**® **Interface**
  Capture geo-referenced maps from **Google Earth**.
  Project your Feature data onto **Google Earth**.

- **Job Presentation**
  Output the Plot to a printer, or save it to an
  image file or a **PDF** document.

*Capture Geo-referenced Map
from Google Earth*®

*Visit **www.cmtinc.com** to download an evaluation version.*

. . . Other Highlights

- **Data Compatibility**
  Work with job files in **SHP**, **DXF**, **ASCII** and the native **FTR** and **PMP** formats.

  Import/Export Feature data from/to **Microsoft**®
  Excel and Access files.

- **Supplemental Database Management**
  Keep historical data about your Features.
  Query the database and produce reports.

- **Image Transparency**
  Adjust the **transparency** of Area Features and
  bitmap image layers.

- **Labeling**
  Automatically label the Features with IDs, **areas**,
  distances and other attributes.

Automatic labeling of Features

- **Auto-Routing**
  Select start and end points and let PC-Mapper
  calculate the most efficient route on the road map.
  Follow the route with turn-by-turn directions
   (including time and distance).

- **GPS Stakeout Functions**
  Perform Point, **Line**, Offset, and Slope stakeout.
   (e.g. Line Stakeout for laying cables and pipes)

- **Surveyor CAD Functions**
   Deed Calls, **Traverse** and over 20 coordinate
   geometry (**COGO**) functions, including: Intersection,
   Least-Squares Fit, Offset Stakeout, Curves, etc.

*Instantly create an Auto Route
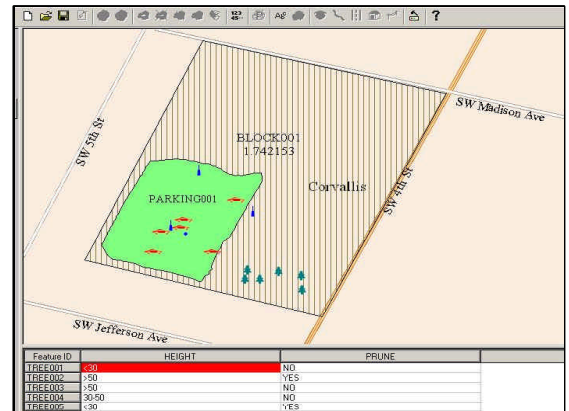to your job site*

- **Create Grid**
  Create reference grid points and grid lines on your
  map to facilitate sample data collection.
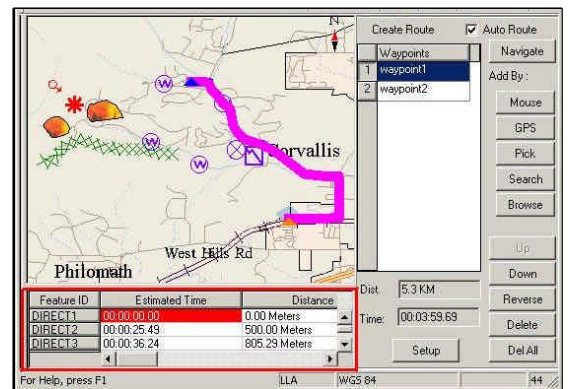
- **Contour/Volume Functions**
  Use your GPS data to generate accurate Contour
  maps. Compute **Cut** and **Fill** Volumes **in the field**.
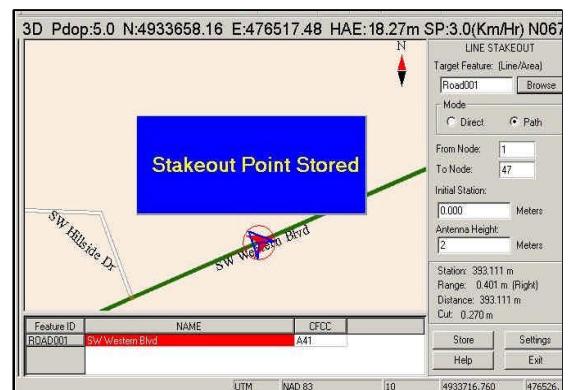
- **Single & Dual Frequency GPS Input**

- **Geoid Model and NEZ Coordinate System Support**

*Use Line Stakeout
for Pipeline Layout*

*Visit **www.cmtinc.com** to see the full Function List.*