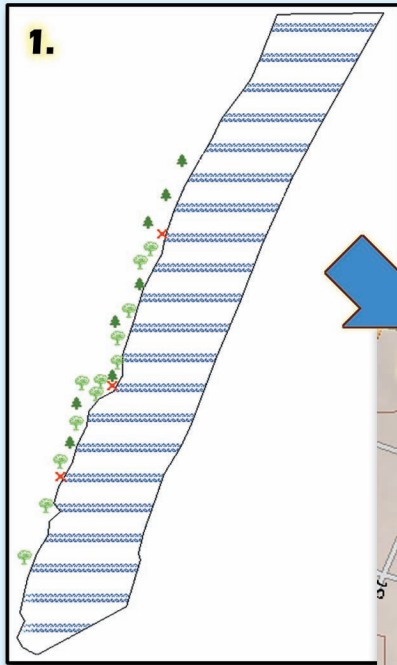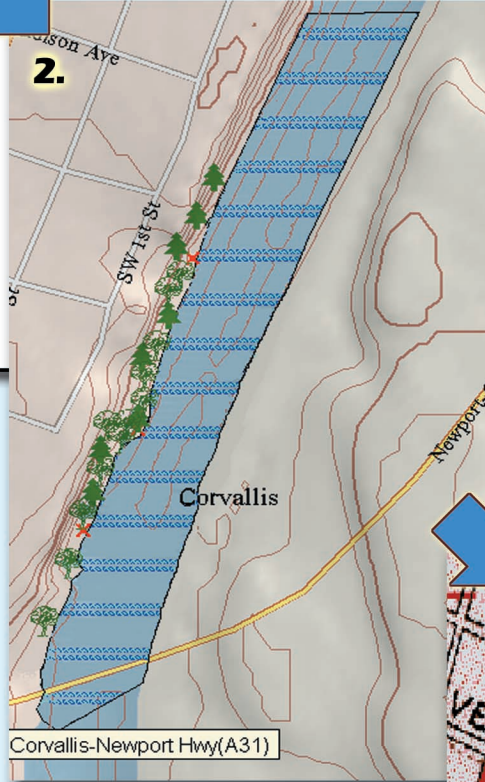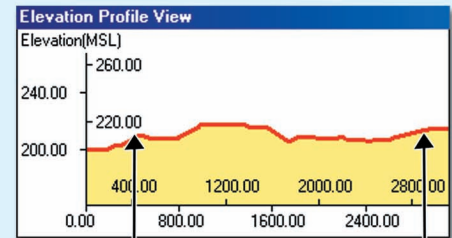## BASEMAPS

PC-GPS 09

1.

- ▶ **CoGo** (Coordinate Geometry) functions
- ▶ Create **Contours** and **elevation profiles** using DEMs
- ▶ **Customize** PC-GPS tool bars and pull-down menus
- ▶ Capture image from **Google Earth®**
- ▶ Export to/Import from **Microsoft® Excel** or **Access**
- ▶ **Buffering** function for points, lines and areas
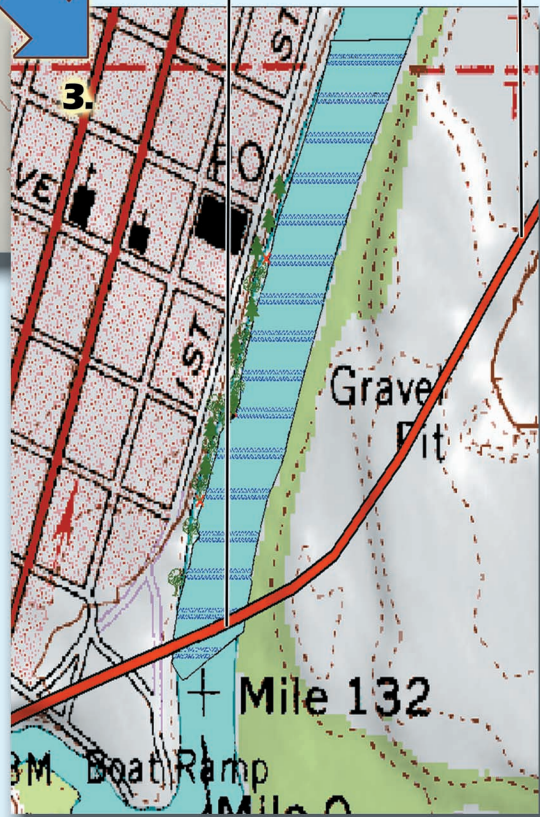- ▶ **Supplemental Database Management**

Supported image formats:

- ❖ **GeoJPEG**
- ❖ **Geotiff**
- ❖ **MRSID® format**
- ❖ **JPEG2000**
- ❖ **ECW**

1. Open your Job.

2. Basemap is automatically loaded in the background.

3. Overlay a topo or photo for an impressive GIS map!

2.

Corvallis

Corvallis-Newport Hwy(A31)

Elevation Profile View
Elevation(MSL)

3.

Grave Pit

+ Mile 132

Boat Ramp

- ▶ **Automatic BaseMap loading** w/ preset colors, patterns and labels
- ▶ **Intelligent labeling** for street names
- ▶ **Copy BaseMap elements** into your map as features
- ▶ Load Background Maps as a guide or reference
- ▶ Create **Grid Points** or **Grid Lines** on **Timber Tracts** and **Stands**
- ▶ Create features from **Deed Call** text or create deed call text from features.
- ▶ Plot your maps or **print to image file or PDF file**
- ▶ **Adjust Transparency** of background images and area features
- ▶ Display **Bearings** or **Azimuth** when digitizing

Turn on BaseMaps, add DRGs, add imagery, link photos and reports, do CAD calculations to complete your map

Easy to use and friendly to learn!

Software Function Heighlights:

▶ Incorporate Background Maps

Put your map into context with Basemaps that include layers for Roads, Railroads, Hydrology, Transportation, City Limits, County Subdivisions, Landmarks, Address Ranges and more. Display 3D Shaded Relief Map using DEM data. Import Google Earth® map or MrSID®, GeoJPEG, Geotiff, JPEG2000 & ECW imagery.

▶ Create Buffers for Points, Lines, and Areas

Easily create **riparian areas**, **SMZ lines**, and other sensitive areas with buffering. **Multiple buffer zones** can be created for each feature at different intervals. Or, buffer just a **segment of a line** or area feature.

▶ Use Expanded Symbol/Pattern Library

Choose from many new symbol libraries (**thousands of new symbols**), including specific symbols for: Utilities, **Forestry**, Conservation, **Environmental**, **Survey** and Transportation applications. Also, editing tools are provided to **combine**, **rotate**, **resize**, and **offset** symbols to create your own set of **customized** symbols.

▶ Save Plot Preview to Image File or PDF File

Print your maps **as image files or PDF files** to share & distribute to others who have no GIS software.

▶ Export/Import Feature Data to/from Microsoft® Excel or Access

▶ Differential Correction Processing of GPS Data

▶ Adjust Transparency of Images & Area Features

See the background image through your Tracts, Stands and other area features; or vice versa.

▶ Import/Export Features in FTR, DXF and Shapefile formats

Many GIS functions:

- ❖ **Enhanced Display Photo** and **Multimedia** Function
- ❖ **USGS Quad reference** ID's built-in for easy selection of topo maps
- ❖ Coordinate Geometry functions **(CoGo)**
- ❖ **Customizable** menus, toolbars & digitizing shortcuts
- ❖ Map View with **Pan** and **Zoom to Previous** tools **and the Undo function**
- ❖ Digitizing function allows **snapping to other features** and **merging boundaries**
- ❖ **Statistical Summary** for the Features in a Topic
- ❖ Dynamic display of distance and azimuth when measuring distance or digitizing
- ❖ **Supplemental Database Management module**
- ❖ Pre-defined **pattern/symbol table** for displaying feature data

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email: support@cmtinc.com