EXPLANATION

Contour lines are used to denote elevation above sea level. This map displays 10 foot contour lines based on the Connecticut LiDAR data for the year 2000. This information is only suitable for general planning and information use purposes as it is not intended for exact determinations of elevation where a survey is normally required, or for detailed engineering, building, or design purposes. The Connecticut LiDAR dataset for 2000 captured ground elevation every 20 feet with an horizontal accuracy of approximately 3 feet on the ground.

A contour line connects points of equal elevation. Contour lines are characteristics of topography and are viewed as a series of horizontal slices through the land surface. Contour lines can be used to determine slope, direction of water flow, and the presence of bodies of water. The spacing of contour lines can denote slope steepness. Large areas of the same elevation are depicted by closely spaced contour lines, while steep slopes are represented by widely spaced contour lines. Contour lines that cross streams flowing through valleys of noticeable relief will form a V-shaped deflection.

Coniferous trees generally grow densely in places and are characterized by widely spaced contour lines, while the conical shape of deciduous trees will form a V-shaped deflection with the apex of the V pointing upstream.

For unknown reasons, data was collected unevenly in some areas. This resulted in data gaps that affect the overall accuracy of the LiDAR data. This resulted in data gaps that affect the overall accuracy of the LiDAR data. This resulted in data gaps that affect the overall accuracy of the LiDAR data. This resulted in data gaps that affect the overall accuracy of the LiDAR data.

DATA SOURCES

- BASE MAP DATA: All data is based on 1:24,000 scale topographic maps.
- STREET DATA: Based on TeleAtlas copyrighted data.
- CONTOUR DATA: Derived from a statewide 10 foot Digital Elevation Model (DEM) surface based on the Connecticut 2000 LiDAR ground elevation data. The University of Connecticut, Center for Land Use Education and Research (CLEAR) created the DEM and edited it to fill in data gaps with additional data from contour lines in a 1:90,000-scale topographic map.

MAP PRODUCTION SOFTWARE: Visit the CT DEP website to download the base map digital spatial data shown on this map. This map replaces a similar contour map that was dated August 2010.