



Introduction to TMAP: Tactile Maps Automated Production

Each TMAP packet consists of a map and a key. Text is provided in braille and large print. Graphics are embossed and printed in high contrast.

The map depicts streets within the area surrounding a user-defined address. This location titles the map and is marked on the page with a circle, usually at the center. Maps may also include pedestrian paths and railways (and buildings upon request.)

Streets are represented as solid lines, paths as dotted lines, railways as dashed lines, and buildings as solid fill/texture, if on the map. Some large streets may show as two parallel lines. Railway lines are often depicted in pairs since one is dedicated to each direction. Streets that reach the edge of the map are labeled with an abbreviation, which is centered on the end of the line.

In order to orient the map, a North Arrow and a scale are located at the top-right corner of the map. The map's scale is represented by a line and its corresponding distance.

The key appears on a separate page. It contains the address marker, line types and textures in use, as well as a list of labeled streets, including abbreviated and full names, and orientation.

The TMAP project is a partnership of the Smith-Kettlewell Eye Research Institute and the LightHouse for the Blind and Visually Impaired. Maps are produced by LightHouse.

TMAP utilizes data from OpenStreetMap, an open-source mapping project. The LightHouse is not responsible for map accuracy.

For more information, visit madlabdesign.org/tmap