



Introduction to TMAP: Tactile Maps Automated Production

Each TMAP 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 at the center of the page with a circle. Some maps contain pedestrian paths and buildings, depending on tactual clarity and data availability.

Streets are depicted as solid lines. If included on the map, paths are depicted as dotted lines, and buildings as solid fill/texture. Street line widths corresponds to street widths. Some large streets may show as two parallel lines. 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, street line, path line, and building color/texture, if on the map, 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 lighthouse-sf.org/tmap