

TMAP: Tactile Maps Automated Production

Tactile street maps, on demand

CTEBVI, 2018, Los Angeles, CA

Presenters

- **Greg Kehret**, Director, Media and Accessible Design Laboratory, gkehret@lighthouse-sf.org
- **Naomi Rosenberg**, Senior Designer, Media and Accessible Design Laboratory, nrosenberg@lighthouse-sf.org
- **Jerry Kuns**, Technology Specialist (retired), jerrykuns@gmail.com

What Is TMAP? (And What It's Not)

- Tactile street maps
- Neighborhood scale overview
- Varying scales
- Automated

- Not floor plans, transit maps, campus maps
- Not political, geographic, city, state, world map (yet)

The Importance of TMAP

- Tactile map availability
- Exploration
- Independent travel
- Spatial overview, mental mapping
- Map legibility
- Map standardization
- Tactile literacy

History of TMAP

- 2003 Smith-Kettlewell Eye Research Institute
Dr. Joshua Miele
- 2003-2014 original TMAP production and distribution:
Smith-Kettlewell and LightHouse partnership
- 2017-2018 LightHouse remakes TMAP New features, new
source data

TMAP Features

Map

- Title
- Locator dot
- Streets
- Labels
- North Arrow
- Scale

TMAP Features (continued)

Key

- Title
- Abbreviations
- Full names
- Street orientation

Introduction Page

How It Works: Demo

- Enter address, intersection, or landmark
- **Search**
- Choose settings:
 paper size, scale, units
- **Create Map**
- Preview
- **Download or Email**

- PDF and SVG files
- Print on ViewPlus EmFuse, Index, Swell or microcapsule

Future of TMAP

- Envisioning the future of the project
- Map distribution
- User feedback

Q&A and Feedback

- How will you use TMAP?
- What are your needs around TMAP?
- What would make TMAP more useful to you?

Keep in Touch

Questions and feedback or information on printing a TMAP on your own embosser, contact:

tmap@lighthouse-sf.org

For more information or to order a TMAP, visit:

lighthouse-sf.org/tmap