



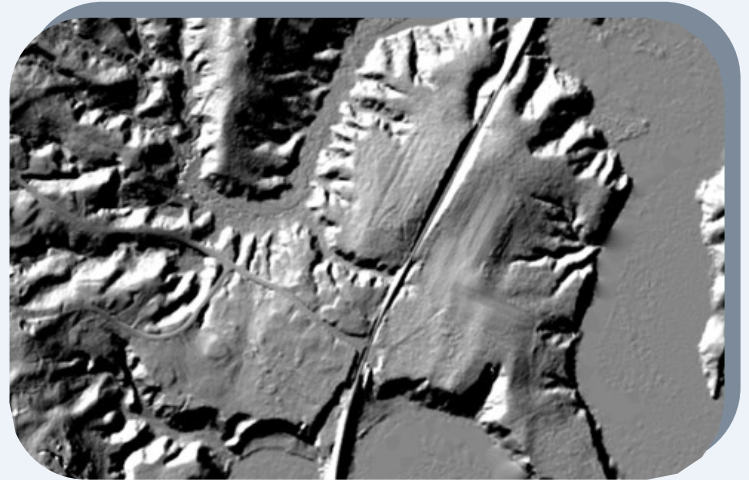
OneMAP for ME

2017—2022 LiDAR
Base Mapping Program

Elevation Acquisition Program

Budget Period 2017 - 2022

Bond	\$2,900,000
Would leverage other anticipated sources:	
Federal	\$2,600,000
State & Local Sources	\$1,400,000
Total Cost - \$7 m	



Public Uses

- Floodplain Mapping
- Natural Resource Inventories and Assessments
- Transportation Management, Operations & Planning
- Route Planning
- Permitting

Private Uses

- Drainage Planning & Management
- Agriculture Soils Mapping
- Flood Insurance
- Surveying & Mapping
- Forest analytics
- Development Site Location Analysis
- Economic Development
- Site Location

The 2009– 2016 Elevation Base Mapping Program

\$621,175 in State Funding

Leveraged Over \$4.6 m in Federal Funds

Program Benefits:

- ⇒ 1' Contour Data
- ⇒ 1m Digital Elevation Models
- ⇒ Reduced Development Costs
- ⇒ Faster Permitting Review.

Maine Elevation Program by the Numbers

Expected Annual benefits	\$ 4.73 m
Total Estimated Cost	\$10.85 m
Payback	2.3 years

Source: National Enhanced Elevation Assessment U.S.
Geological Survey

TESTIMONIALS

"The Statewide LiDAR Basemap data collected so far has already been utilized enabling research on forest harvest operations, inventory, growth & yield, wildlife habitat and more. Having this data for the entire State is urgently needed for landscape wide analysis critical to understanding Maine's valuable forest resource."

Dr. Brian Roth
Acting Director
Cooperative Forest research Unit
University of Maine

"As consultant engineers, the LiDAR 2-foot contour data obtained from the Maine Office of GIS has proved to be an invaluable resource for initial project planning, application preparation, flood hazard analysis and drainage design"

Michael P. Peverett, PLS
Project Surveyor
Civil Consultants

"Maine Coast Heritage Trust and our partners in the land trust community rely on accurate spatial data in every stage of our work from conservation planning to managing our preserves. Specifically, we use Lidar data from the State to inform our trail designs and better understanding the scenic value of conservation projects. Lidar-derived elevation data is also particularly important as we consider the impacts of storms and sea-level rise on coastal habitat and communities."

Tim Glidden, President
Maine Coast Heritage Trust

"The widespread availability of reliable and accurate LIDAR data through large portions of Maine and New England allows our Maine firm to compete on a national and local stage. It can considerably reduce the cost to clients for topographic mapping associated with land development, permitting, and flood studies. Overall, it provides meaningful support for economic development in those areas where the data is currently available."

Mark Adams, President/CEO
Sebago Technics, Inc.

For More Information Contact:
The Maine Library of Geographic Information
Maine Office of GIS
207.624.5394
www.maine.gov/geolib/onemap.html