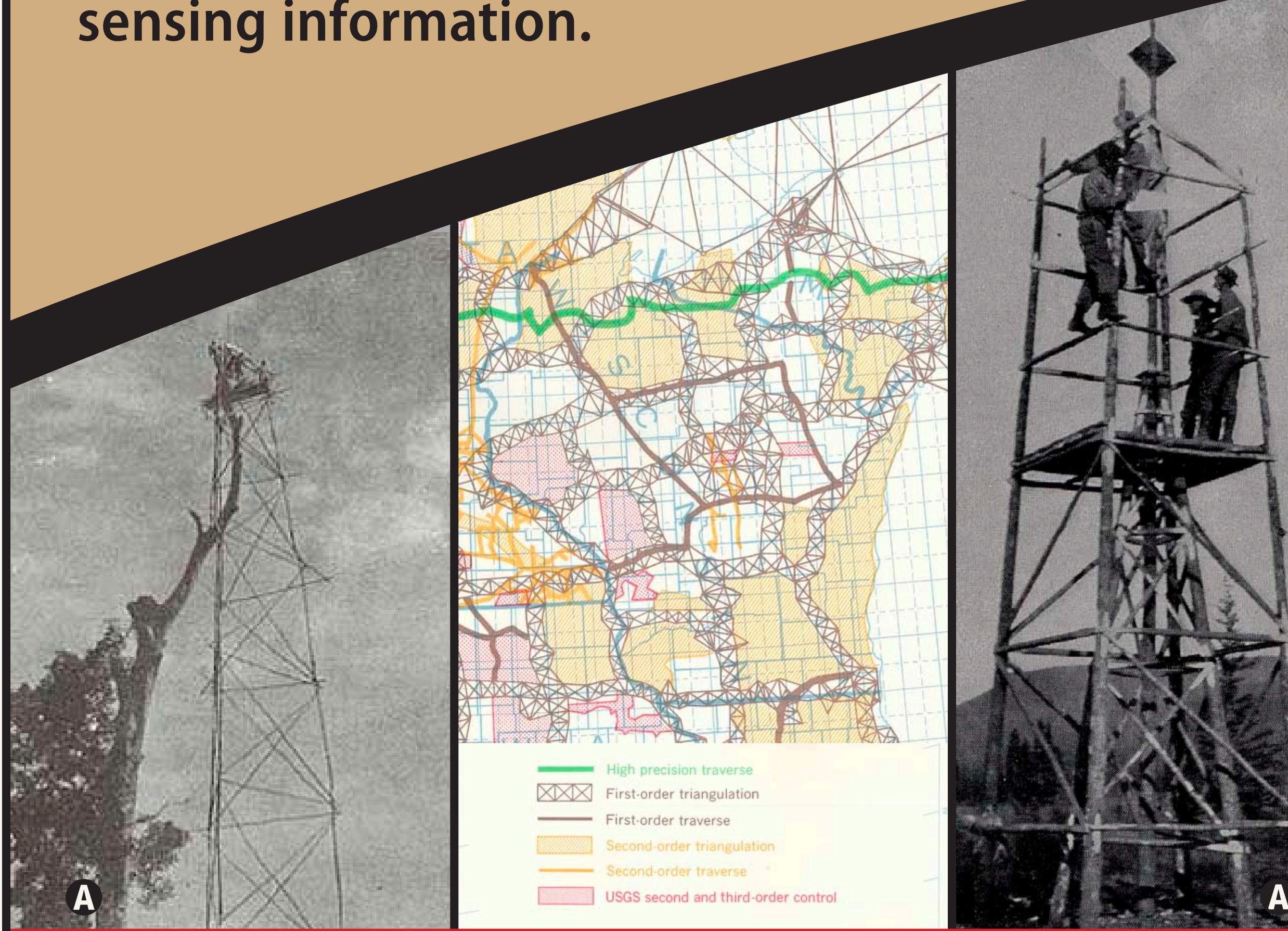


WISCONSIN DEPARTMENT OF TRANSPORTATION

HEIGHT MODERNIZATION program

Height Modernization is the establishment of accurate, reliable, orthometric heights using GPS technology in conjunction with traditional leveling, gravity, and remote sensing information.

Goal: improved public safety, transportation, construction, restoration, navigation, commerce, agriculture, and mapping.



1989–1990 High Accuracy Reference Network STATE HARN

80 stations established throughout Wisconsin

1992–1997 County Densification

35 counties (shaded green) densified and tied to the HARN.

1998–present Height Modernization Program (HMP)

WisDOT partnered with NGS to complete HMP in Wisconsin. Each year, a new phase is developed. Processed and adjusted data are submitted to NGS for insertion into the National Spatial Reference System database.

Map (left) Phases shown in red indicate completed HMP Zones.

Map (right) Status as of 22 July 2008

Phase 7B

Phase 7A

Phase 6B

Phase 6A

Phase 5B

Phase 5A

Phase 4B

Phase 4A

Phase 3B

Phase 3A

Phase 2B

Phase 2A

Phase 1B

Phase 1A

Phase 0B

Phase 0A

Phase 0

Total

Completed

Planned

Proposed

Future

Completed

Planned