

Great Lakes, Great Stakes!

The National Geodetic Survey Invites you to a Height Modernization Forum

Due to increased development in the state of Michigan, we have seen much of the vertical component of the National Spatial Reference System (NSRS) destroyed. In the past, the National Geodetic Survey has had mobile field crews which established or re-established vertical control throughout the United States. While the NGS is still responsible for the mathematical integrity of the NSRS, the physical maintenance of the network now rests with each state. The Height Modernization Program's (HMP) goal is to enhance the vertical component of the (NSRS) through a series of activities which involve the Global Positioning System (GPS) along with traditional differential leveling. The horizontal component of the NSRS is adequate (Michigan HARN/CORS), but the vertical component is currently lacking in density and accuracy. Examples of applications which would benefit from an HMP include, but are not limited to the following: 1) The design, construction and maintenance of highways, dams, levees and buildings, 2) Floodplain mapping, 3) Transportation of goods by ships, aircraft and autos, 4) City planning including drain flow studies, evacuation routes, hazardous material spill confinement and 5) Creation of accurate Digital Terrain Models.

There is no charge to participants, but space is limited and early registration is encouraged to guarantee a seat. A final agenda will be forwarded as soon as it is available.

Who should attend?

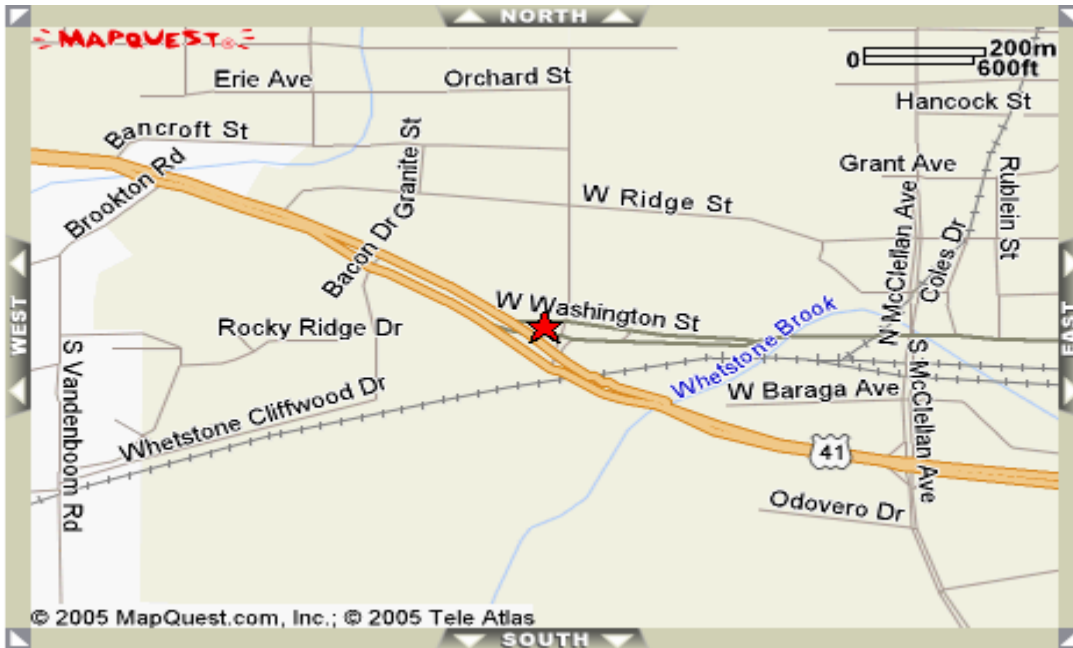
Surveyors	Emergency Response Personnel
GIS Professionals	County Road Commissioners
Floodplain Mappers	Planning and Development Personnel

	January 24, 2006	Marquette, MI	Holiday Inn of Marquette
	January 26, 2006	Flint, MI	Holiday Inn Gateway Centre

Please fill out and indicate which forum you would like to attend and email or fax by January 13th 2006:

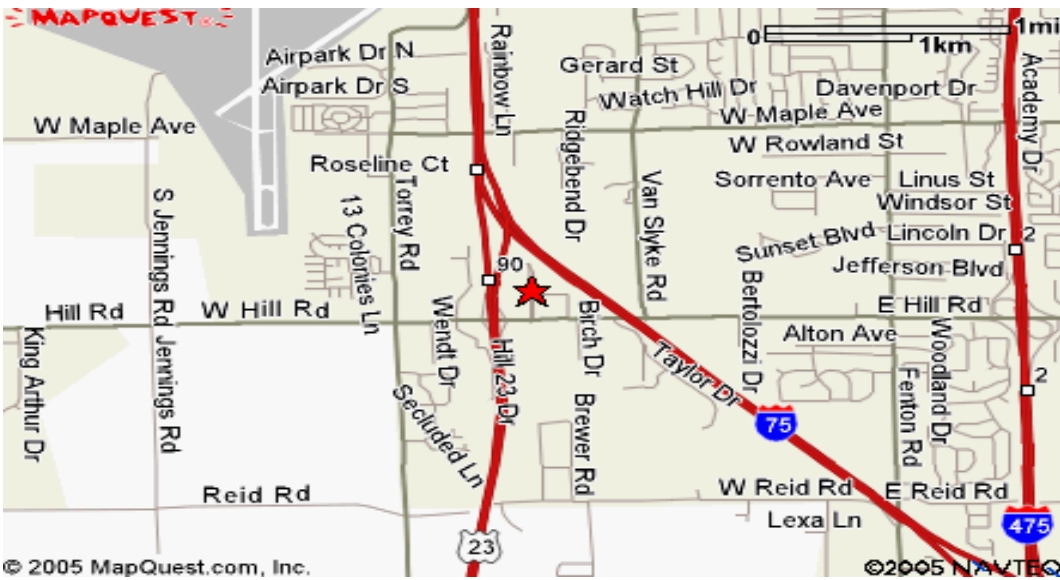
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