

## 2.1.2

### A New National Highway Planning Network

#### Presenter

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The National Highway Planning Network (NHPN) is currently a 1:100,000 scale geospatial network database that contains line features representing just over 450,000 miles of highways in the United States. The NHPN contains geospatially referenced information on the National Highway System (NHS), the Eisenhower Interstate System, the Strategic Highway Network (STRAHNET), and NHS Intermodal Connectors. It has also been used for modeling freight flows across the United States as part of the FHWA Freight Analysis Framework (FAF) and as the default road network in the state version of the FHWA Highway Economic Requirements System - State Version (HERS-ST). FHWA is updating the NHPN to improve its spatial accuracy. This update and enhancement will use each of the State DOT road networks that are submitted to FHWA as part of its annual Highway Performance Monitoring System (HPMS) submission to create a national, routable highway network that can continue to meet its current uses and any potential future needs of FHWA.

#### **Bio(s):**

Provides capacity building resources for GIS professionals in transportation agencies in the U.S., as well as within FHWA. Graduated with a B.S. in Civ. Eng. from Worcester Polytechnic Institute and a Master's degree in Civ. Eng. from the Univ. of Virginia