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DEPARTMENT OF TRANSPORTATION

Roadway Condition Data

Pennsylvania Planning Partners

Pennsylvania Counties

National Highway System

FAST FACTS:

Penn Share

STATE:	Pennsylvania
PROJECT/PLATFORM NAME:	PennShare
URL:	http://pennshare.maps.arcgis.com/home
PRIMARY BENEFITS:	Two planning partners now use the technology to develop urban boundary maps and to identify new NHS roads. • Sharing data with planning partners and counties saves valuable time when planning and scoping field views. • The technology helps display and identify projects in each legislative district, which is useful when asking lawmakers for more transportation funding.

DEVELOPMENT PROCESS:

Contact date: January 2013

Initial data population: January 2013 to April 2013

Tech assistance/TIG team workshop date: January 2013

Primary workshop attendees: Director, OA GIS; Transportation Planning Specialists

UNIQUE FEATURE:

PennDOT data architecture and the use of Oracle spatial and offsite servers created a challenge. Certain SDE and server configurations presented challenges when migrating our network.

POPULAR MAPS:

Roadway Condition Map–This map gives roadway conditions for the State of Pennsylvania. http://pennshare.maps.arcgis.com/home/webmap/viewer.html?webmap=29938ce73d4745e3ba17fbbdfd471a5a

STIP–This is a map of the Pennsylvania Transportation Improvement Program.

Winter Road Conditions for PA Welcome Center–This map provides travelers with winter road conditions at Welcome Centers across the state. http://padotgis.maps.arcgis.com/home/group.html?owner=penndotgis&title=Winter%20Road%20Conditions

Local Scouring Critical Bridge web maps–These maps give information to local municipalities and counties on scouring issues on local bridges. http://padotgis.maps.arcgis.com/apps/OnePane/basicviewer/index.html?appid=62ad3e7559684662a8c965281ea686ca

LESSONS LEARNED TO DATE:

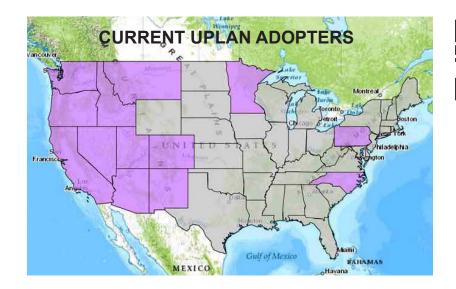Since data is available to the public, it is important to explain how the data is being used and extra care must be taken in terms of how it is distributed. • It is important to work quickly to develop a metadata policy. Once the data is available, concerns about ownership can arise. • Speed is affected when more than a few layers are added to the application or maps. • Functionality limitations exist in IE 8.

PROJECT KEY CONTACT:

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CURRENT UPLAN ADOPTERS

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UPLAN PHASE II

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