

LEGISLATIVE TEMPLATE

- **What Department or bureau is Bill originating from? Where did the initiative for the bill originate?**

Department of Information Technology

- **Summary and Facts of the Bill**

This Resolution supports a Joint Funding Agreement (JFA) and Statement of Work (SOW) between the U.S. Geological Survey, National Geospatial Technical Operations Center and the City of Allentown, PA. The agreement provides funding to create LiDAR and orthoimagery data in Pennsylvania as described in the SOW.

- **Purpose – Please include the following in your explanation:**
 - **What does the Bill do – what are the specific goals/tasks the bill seek to accomplish**
 - **What are the Benefits of doing this/Down-side of doing this**
 - **How does this Bill related to the City's Vision/Mission/Priorities**

The USGS will acquire accurate, high-resolution digital orthoimagery and Light Detection and Ranging (LiDAR) data and develop elevation products for the area of the municipal boundary and a 500' buffer thereof totally encompassing 20 square miles.

The digital imagery and elevation products will be used for Public Works engineering projects, general planning and development purposes and public safety initiatives.

The products will update the imagery and elevation products last acquired in 2005 and will be made available for public use by City of Allentown & USGS in Geographic Information Systems (GIS).

- **Financial Impact – Please include the following in your explanation:**
 - **Cost (Initial and ongoing)**
 - **Benefits (initial and ongoing)**

The City will provide funding for the project through the Joint Funding Agreement in the amount of \$70,000.

- **Funding Sources – Please include the following in your explanation:**
 - **If transferring funds, please make sure bill gives specific accounts; if appropriating funds from a grant list the agency awarding the grant.**

City funding for this project is provided for in the 2016 Public Works budget.

- **Priority status/Deadlines, if any**

JFA is needed as soon as possible as the data acquisition must occur under leaf-off conditions.

- **Why should Council unanimously support this bill?**

This resolution supports the project and JFA and supports the underlying base image and elevation data that the City's GIS basemap is built upon which is used in daily operations of the city's major operating departments.