

## 1103 Geographic Information Management System for Transportation (cont.)

**PROPOSED ACTIVITIES FOR FY 2012:** Continue maintenance of the Point to Point Mileage LRS and Applications. Create a more efficient method for creating the 8 Year Work Plan and STIP Map products. Continue to provide support to Senior Staff as well as others within the Department in the creation of GIS Map products which facilitate and improve the decision making process within ODOT. Provide all customers with working and finalize map products during the urban boundary revision process due to the latest 2010 Census. Continue working with the consultants on the enhancements to the GRIP family of products, including the continued integration and improvement of the video log, the integration of the OSOW Truck Routing, and Environmental Business Layers into the GRIP products. Using GIS software, continue to improve on the design and creation of updated County/Urban Functional Classification Atlases. In coordination with the ODOT Environmental Programs Division, the Outdoor Advertising Branch and the ODOT Rail Programs Division continue to identify needs and develop solutions that will enable them to efficiently and accurately perform their individual missions. Make use of the training in HTML, XML, and JAVA Script to create an Index of Workflows for the various products and applications created by the GIS Team and have them published to a web enabled document for use by ODOT personnel. Continue the major initiative aimed at CADD integration into the GIS environment. Continue coordination with the Traffic Data section in creating map products to assist in collecting AADT for Ramps. Continue to conduct certified training to personnel in the software products required for the GIMS-T staff to continue to provide efficient and high quality GIS products to customers. Continue to search for and provide certified GIS Training to the GIS Section and others within the GIS Management Branch. Update the oracle database from 10G to 11G. Redesign data loaders for construction work plans for use in data mapping. Begin planning phase for the redesign and enhancement of the GRIP / GRIPLite products to make use of open sources where relevant over the internet. Create and distribute as much ODOT data as possible in KML format for viewing in the Google Earth platform.

<b>FINANCIALS</b>	<b>AMOUNT</b>	<b>FUND</b>	<b>AMOUNT</b>	<b>FUND</b>
Programmed Amount FFY 2011	\$520,000	SPR	-0-	STATE
Estimated Cost FFY 2011	\$465,000	SPR	-0-	STATE
Projected Cost FFY 2012	\$472,000	SPR	-0-	STATE

### CONTACT INFORMATION

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