

PSAP Grant Program Grant Ranker

View Application--32--Mapping Display Contours

Grant Period: 2010

Tier: Strengthen current equipment and service delivery capability by upgrading existing wireless E-911 related equipment or services (**STRENGTHEN**)

Grant Program: Enhancement **Grant Type:** Individual PSAP

Priority: GIS: low priority (refer to GIS-related Grant Request Prioritization Matrix for a description of GIS projects that would have a low funding priority) (**GIS LOW PRIORITY**)

Primary PSAP Applicants: Bath County

Jurisdictions Served: Bath, County of

Project Director:

Teresa Phillips
Bath County 911 Administrator
P.O. Box 309 65 Courthouse Hill Rd. Warm Springs, VA 24484
540-839-7287 (phone)
540-839-7222 (fax)
tshelton@bathcountyva.org

Project Description:

Total Project Cost \$30,000.00

Amount Requested: \$30,000.00

Statement of Need:

Evidence of Financial Need Successful accomplishment of this project will improve our ability to provide information to emergency service providers in the field. We intend to procure this data through a GIS consultant as part of our larger GIS and PSAP data update program. Impact on Operational Services A large portion of Bath County land is rugged terrain. Often times our emergency service providers are called on to provide assistance in remote areas. In some cases the lack of accurate and reliable contour information makes it difficult to determine the most efficient route to a given event. This is especially true in cases where private roads, logging roads, or trails provide the only potential access. What appears to be the best route without elevation information may actually be the longest when contours are used to determine terrain conditions. In addition, contours are vital in search and rescue operations and hunting accidents where no navigable pathways exist. This grant request will enable us to procure contour information that can be used by PSAP dispatchers and field personnel to improve rescue response in the rugged terrain of Bath County. Consequences of not receiving funding The County does not have funding available to procure contours. If this funding is not received, the County will not procure contours for the PSAP. Inclusion of Project in PSAP Planning This project is part of our long-term commitment to improve local emergency response capability.

Comprehensive Project Description:

Project Description The County plans to procure digital elevation information in the form of terrain contour lines. This will be done as part of a larger GIS and PSAP data update effort. The County contemplates acquiring these contours through our GIS Consultant from the VITA imagery program. **Implementation Strategy and Work plan** The work plan for this project is quite simple. We intend to direct our consultant to procure the digital elevation contour data set from the VITA imagery program. Once procured, the consultant will load the data into the County GIS and then create a data file that will be incorporated into our InterAct mapping display system. **Goals and Objectives** Goal The goal of this project is to improve rescue response in the rugged terrain of Bath County by providing elevation information that can be used by the PSAP dispatchers and emergency operations field personnel. **Project Timeline** (days from grant award) • 15 – Direct consultant to procure the data • 30 – Receive the data from VITA • 45 – Load the data into the County GIS and create data file for the InterAct mapping system • 50 - Load the contour data into the InterAct mapping system **Project Sustainability** Elevation information is fairly static in Bath County. No additional work will be anticipated to sustain this data set in the foreseeable future.

How will the equipment purchased will support future technologies for PSAP readiness?:

How will Equipment purchased support future technologies for PSAP readiness? The products of this project will provide a more accurate model of the ground elevation for Bath County. This will aid in rural emergency response operations.

Budget and Budget Narrative:

The County is requesting \$30,000 to apply toward the cost of acquiring the contour data.

Evaluation:

The evaluation of the project, much like the project, is very simple. Once the data is loaded in the PSAP, it will already overlay the VBMP imagery and will serve as a valuable tool in aiding dispatch to County citizens given the areas geography.

Attachments