Geotechnical Asset Management Program

FY2013 Request: $2,250,000
Reference No: 54317

AP/AL: Allocation
Category: Transportation
Location: Statewide
Impact House District: Statewide (HD 1-40)
Estimated Project Dates: 07/01/2012 - 06/30/2019
Appropriation: Surface Transportation Program

Project Type: Construction
House District: Statewide (HD 1-40)
Contact: Pat Kemp
Contact Phone: (907)465-3900

Brief Summary and Statement of Need:
Develop geotechnical asset management (GAM) program. Work includes research and development of plans for: Unstable Slope Management, Material Site Management, Retaining Wall Management and Unstable Embankment Management. Other work includes inventory and condition surveys and creation of performance measures to estimate the future life of the assets, making possible life-cycle cost-based decision-making about the assets as they age.

Funding:

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<th>FY2013</th>
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- State Match Required
- One-Time Project
- Phased - new
- Phased - underway
- Amendment
- Mental Health Bill

0% = Minimum State Match % Required

Operating & Maintenance Costs:

- Project Development: 0 0
- Ongoing Operating: 0 0
- One-Time Startup: 0

Totals: 0 0

Additional Information / Prior Funding History:
None.

Project Description/Justification:
Conduct Research and Development activities to create the GAM program architecture, research and develop: performance measures, methods for predicting future performance of assets, and analysis methods. Create inventory and condition survey for assets. Monitor performance of assets over time and compare to performance measures. Provide decision-making support to agency management on maintenance, repair and rehabilitation alternatives.

This project contributes to the Department's Mission by reducing injuries, fatalities and property damage and by improving the mobility of people and goods.