

Geotechnical Asset Management Program

FY2015 Request: \$1,000,000
Reference No: 54317

AP/AL: Allocation

Project Type: Construction

Category: Transportation

Location: Statewide

House District: Statewide (HD 1-40)

Impact House District: Statewide (HD 1-40)

Contact: Jeff Ottesen

Estimated Project Dates: 07/01/2014 - 06/30/2019

Contact Phone: (907)465-4070

Appropriation: Surface Transportation Program

Brief Summary and Statement of Need:

This project will 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:	<u>FY2015</u>	<u>FY2016</u>	<u>FY2017</u>	<u>FY2018</u>	<u>FY2019</u>	<u>FY2020</u>	<u>Total</u>
Fed Rcpts	\$1,000,000						\$1,000,000
Total:	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$1,000,000

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input checked="" type="checkbox"/> Phased - underway	<input type="checkbox"/> On-Going
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	0
Totals:	0	0

Prior Funding History / Additional Information:

Sec1 Ch17 SLA2012 P145 L10 SB160 \$2,250,000

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, and provide decision-making support to agency management on maintenance, repair and rehabilitation alternatives.