

State of Wisconsin/Department of Transportation
RESEARCH PROGRESS REPORT FOR THE QUARTER ENDING: June 30, 2005

Program: SPR-0010(36) FFY99	Part: II Research and Development
Project Title: Investigation of Vertical Members To Resist Surficial Slope Instabilities	Project ID: 05-09
Administrative Contact: Nina McLawhorn	Sponsor: WHRP
WisDOT Technical Contact: Bob Arndorfer	Approved Starting Date: Nov 4, 2004
Approved by COR/Steering Committee: \$29,714	Approved Ending Date: June 4, 2006
Project Investigator (agency & contact): Hani Titi: UW-Milwaukee	

Percent Complete: 20%

Project Description:

The study will be conducted over 18 months, and be completed in 5 phases:

Task 1: Conduct a Comprehensive Literature Search and Review of Methods for Stabilizing Surficial Slope Failures Using In-Situ Short Structural Members

Task 2: Conduct a National Survey to Obtain Information/Data on Methods of Stabilizing Surficial Slope Failures Using In-Situ Short Structural Members

Task 3: Synthesize the Literature Materials on Methods of Stabilizing Surficial Slope Failures Using In-Situ Short Structural Members

Task 4: Conduct Cost-Benefit Analysis of Methods that have Potential Implementation for Stabilizing Surficial Slope Failures in Wisconsin

Task 5: Conduct Comprehensive Slope Stability Analysis using Wisconsin Data to obtain Parameters for Methods of Stabilizing Surficial Slope Failures by In-Situ Short Structural Members

Task 6: Select Future Project for Implementation in Wisconsin

Task 7: Prepare and Submit Final Report

Progress This Quarter:

(Includes project committee mtgs, work plan status, contract status, significant progress, etc.)

1. Continued the literature search and review
2. Started summarizing literature information and data
3. Identified software for analysis

Work Next Quarter:

1. Continue literature search and review
2. Identify field projects

Circumstances Affecting Progress/Budget:

None

Gantt Chart:

Task Number	Quarter					
	1	2	3	4	1	2
Task 1	30%	35%				
Task 2	20%	25%				
Task 3		15%				
Task 4						
Task 5						
Task 6	Depends on WisDOT					
Task 7						