

**State Planning and Research Program
Quarterly Report**

PROJECT TITLE: Geocomposite Capillary Barrier Drain (GCBD)

OBJECTIVES:

Review draft final report. FWD analysis and backcalcs.
2nd Quarter 2008 Report (April-June, 2008)

PERIOD COVERED: April-June, 2008

PARTICIPATING AGENCIES: Minnesota Department Of Transportation, Michigan Department Of Transportation, New York Department Of Transportation, CRREL, University of New Mexico

PROJECT MANAGER:

Andrew Eller

SP&R PROJECT NO:

TPF 5(126)

PROJECT IS:

 Planning
 X Research & Development

LEAD AGENCY:

Minnesota Dept. of Transportation

PRINCIPAL INVESTIGATOR:

John Stormont, Lynette Barna (CRREL)

ANNUAL BUDGET:

A majority of the budget covered the 2006 construction. Year two will be significantly less.

1st year ~ 225,000

2nd year ~ 30,000

PROJECT EXPENDITURES TO DATE: \$237,699.83

Construction

HardDrives Inc. 179,244.20

Supplies/Instrumentation

Tenex (geonet) 7,763.16

Campbell(sensors) 17,844.59

Decagon (sensors) 5,705.09

Misc. equipment./expenses 740.18

Salaries

District 3:Design 5,247.72

GCBD material prep & assembly,
(Student worker salary, etc) 4,580.96

Travel/Misc

MI 645.21

NY 928.72

CRREL contract

FWD analysis 15,000

WORK COMPLETED:

Data collection and monitor operation of the sensors. Partial completion of back calculations. Continued analysis of in-situ sensors and FWD deflection basins. CRREL contract signed and full FWD analysis pending.

SUMMARY OF ACTIVITIES EXPECTED TO BE PERFORMED NEXT QUARTER:

Data collection will continue until the end of the project, and into 2009. FWD analysis will supervene submission of the Univ. of New Mexico Final Report, with completion before Oct. 31, 2008.

STATUS AND COMPLETION DATE:

Data collection is complete, with continued monitoring beyond completion date of this project. Final report being submitted by Univ. of New Mexico to IDEA.