

OHIO DEPARTMENT OF TRANSPORTATION
QUARTERLY RESEARCH REPORT



For Quarter Ending: March 30, 2011

Date Submitted April 4, 2011

Project Title: Development of Geotechnical Data Schema in Transportation

Research Agency: University of Florida

Principal Investigator(s): Marc Hoit

State Job No.: 134254

Agreement No.: 20982

Pooled Fund Study No. (if applicable): TPF5(111)

Project Start Date: October 1, 2005

Contract Funds Approved: \$ 600,000

Project Completion Date: June 30, 2012

Spent To Date: \$ 381,108

% Funds Expended 61 % Work Done 87 % Time Expired 88

List the Technical Liaisons and other individuals who should receive copies of this report: Kirk Beach

Note: no cost extension given until June 2012 (old date June 08) – hence %time has been adjusted accordingly.

SUMMARY OF PROGRESS FOR QUARTER:

Attach a progress schedule consisting of graphical information depicting (1) a schedule of research activities tied to the tasks defined in the proposal, (2) a comparative status of actual versus estimated expenditures, and (3) a percentage completion of the research.

- Continued development of DIGGS v1.2.
- Finalized the schema structure for trenchwalls and trial pits to be consistent with

AGS data constructs and practices.

- Preliminary DIGSS-to-KML and DIGGS-to-Excel end-user tools were delivered by Galdos for review.
- Held multiple meetings via WebEx with the GMS, Core SIG, and Software Vendors to brief stakeholders on the status of v1.2 development work.
- Provided an update on the project budget status and explained what work will be delivered by the end of the project.
- Requested that ODOT provide a no-cost time extension through June 2012 for the UF contract.

PROPOSED WORK FOR NEW QUARTER:

- Continue development of DIGGS v1.2 and prepare for roll-out.
- Finalize DIGSS-to-KML and DIGGS-to-Excel end-user tools.
- Implement changes to codelist management.

IMPLEMENTATION (if any):

PROBLEMS & RECOMMENDED SOLUTIONS (if applicable):

Describe any problems encountered or anticipated that might affect the completion of the project within the time, scope, and fiscal constraints set forth in the contract, along with recommended solutions to those problems. NOTING DIFFICULTIES IN THIS SECTION DOES **NOT** CONSTITUTE A REQUEST TO MODIFY THE PROJECT. Requests for additional time, money, or scope revisions must be submitted in a separate letter to the Office of R&D Administrator.

On track – consultant hired for updates and consistent with final project plan.

EQUIPMENT PURCHASED (if any):

N/A

CONTACTS & MEETINGS:

Describe any meetings or contacts with ODOT technical liaisons and other pertinent individuals relative to this project.

- 1/6/11 - DIGGS/Galdos technical workgroup meeting via WebEx. (Burggraf, Ponti, Turner, Louis)
- 1/28/11 - DIGGS/Galdos technical workgroup meeting via WebEx. (Burggraf,

Ponti, Turner, Bray)

- 2/3/11 - DIGGS/Galdos technical workgroup meeting via WebEx. (Burggraf, Ponti, Turner, Bray, Chandler)
- 2/9/11 - DIGGS/Galdos technical workgroup meeting via WebEx. (Burggraf, Ponti, Turner)
- 2/17/11 - DIGGS/Galdos technical workgroup meeting via WebEx. (Burggraf, Ponti, Turner)
- 3/9/11 - Meeting via WebEx to present current status of DIGGS v1.2 work and revised project workplan (Core SIG, GMS, Software Vendors)
- 3/24/11 - DIGGS/Galdos technical workgroup meeting via WebEx. (Burggraf, Ponti, Turner, Bray)