**TRANSPORTATION POOLED FUND PROGRAM**

**QUARTERLY PROGRESS REPORT**

Lead Agency (FHWA or State DOT): \_\_\_\_IOWA DOT \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**INSTRUCTIONS:**

*Project Managers and/or research project investigators should complete a quarterly progress report for each calendar quarter during which the projects are active. Please provide a project schedule status of the research activities tied to each task that is defined in the proposal; a percentage completion of each task; a concise discussion (2 or 3 sentences) of the current status, including accomplishments and problems encountered, if any. List all tasks, even if no work was done during this period.*

|  |  |  |  |
| --- | --- | --- | --- |
| **Transportation Pooled Fund Program Project #**  *TPF-5(233)* | | **Transportation Pooled Fund Program - Report Period:**  x Quarter 1 (January 1 – March 31, 2015)  Quarter 2 (April 1 – June 30, 2015)  Quarter 3 (July 1 – September 30, 2015)  Quarter 4 (October 1 – December 31, 2015) | |
| **Project Title:**  Technology Transfer Intelligent Compaction Consortium (TTICC) | | | |
| **Project Manager: Phone: E-mail:**  Steve Megivern 239-1936 stephen.megivern@iowa.dot.gov | | | |
| **Project Investigator: Phone: E-mail:**  David White 294-1463 djwhite@iastate.edu  Pavana Vennapusa 294-2395 pavanv@iastate.edu | | | |
| **Lead Agency Project ID:**  RT 0347 | **Other Project ID (i.e., contract #):**  Addendum 385 | | **Project Start Date:**  8/6/10 |
| **Original Project End Date:**  3/15/14 | **Current Project End Date:**  06/30/2015 | | **Number of Extensions:**  Ongoing pooled fund; interim budgets |

Project schedule status:

x On schedule □ On revised schedule □ Ahead of schedule □ Behind schedule

Overall Project Statistics:

|  |  |  |
| --- | --- | --- |
| **Total Project Budget** | **Total Cost to Date for Project** | **Total Percentage of Work**  **Completed** |
| $349,000 | $268,203.24 | ongoing |

***Quarterly*** Project Statistics:

|  |  |  |
| --- | --- | --- |
| **Total Project Expenses**  **This Quarter** | **Total Amount of Funds**  **Expended This Quarter** | **Percentage of Work Completed**  **This Quarter** |
| $6,318.96 |  |  |

**Project Description:**

Increasingly, state departments of transportation (DOTs) are challenged to design and build longer life pavements that result in a higher level of user satisfaction for the public. One of the strategies for achieving longer life pavements is to use innovative technologies and practices. In order to foster new technologies and practices, experts from state DOTs, Federal Highway Administration (FHWA), academia and industry must collaborate to identify and examine new and emerging technologies and systems. The purpose of this pooled fund project is to identify, support, facilitate and fund intelligent compaction research and technology transfer initiatives.

**Progress this Quarter (includes meetings, work plan status, contract status, significant progress, etc.):**

* TTICC – ISU team developed the 3rd workshop report compiling all the items presented at the workshop.
* IC projects map on the CEER-TTICC website has been updated. Information on several new projects have been gathered and the map is currently being updated.
* A web-meeting was held on March 6, 2015. The meeting agenda is attached. Key items from the meeting:
  + TTICC members were invited to CARCI conference hosted by Iowa State University and to be held in June 2-3, 2015.
  + Discussed 2015 TTICC meeting and was tentatively planned for October/November 2015 in KY.
  + Received updates from KY, MO, PA, CA, VA, GA, WI, OH, and IA DOT representatives.
  + Reviewed the 3rd Workshop Report.
  + Showed slides on high energy impact compaction (HEIC) and SHRP2 geotech tools website.
  + Reviewed California DOT’s CIR specification.
* Contacted three state DOT (MO, GA, and AK) representatives regarding information for IC case history tech briefs.
* A new version of the *Intelligent Compaction for Soils, Aggregate, and HMA* presentation slides is provided on the CEER-TTICC website (<http://www.ceer.iastate.edu/tticc/>).

**Anticipated work next quarter:**

* Gather information on 3 new IC tech briefs as referenced above.
* Updates to TTICC web page.
* Planning for 2015 meeting (tentatively October in KY).

**Significant Results:**

* Planned for TTICC 2015 meeting.
* 3rd Workshop Report.
* Updates to webpage.

**Circumstance affecting project or budget (Describe any challenges encountered or anticipated that might affect the completion of the project within the time, scope, and fiscal constraints set forth in the agreement, along with recommended solutions to those problems).**

**TAC committee:** 

TAC meeting held September 3-4, 2014 – Harrisburg, Pennsylvania

Attendees:

|  |
| --- |
|  |

**AGENDA**

**TTICC Web Meeting: TPF-5(233)**

Date: March 6, 2015 (10:00 to 11:30 pm Central)

1. Welcome
2. Discuss upcoming 2015 Meetings
   1. CARCI Conference June 2-3, 2015 (all expenses covered) (<http://www.ceer.iastate.edu/CARCI/Index.cfm>).
   2. TTICC – ~ Oct./Nov 2015 in Kentucky.
3. Quick review of 2014 Workshop Report.
4. Update on Tech Briefs.
5. TTICC Website Updates (<http://www.ceer.iastate.edu/tticc/>).
6. State DOT Project Updates.
7. California CIR Specification Review.
8. High Energy Impact Compaction – IC ([www.geotechtools.org](http://www.geotechtools.org)).
9. Other?
10. Final thoughts and follow-up action items!