

CAAP Quarterly Report

Date of Report: *Jan 1, 2016*

Contract Number: *DTPH5615HCAP07*

Prepared for: *DOT*

Project Title: *Electromagnetic Strategies for Locatable Plastic Pipe*

Prepared by: *The University of Tulsa*

Contact Information: *Michael W. Keller, mwkeller@utulsa.edu, 918-631-3198*

For quarterly period ending: *Dec 31, 2015*

Business and Activity Section

(a) Generated Commitments –

(b) Status Update of Past Quarter Activities

In the past quarter (starting October 1, 2015), we have completed the following research planning activities

1. Identified two of the three graduate student for project – Laura Waldman (TU –Mechanical Engineering) and a student at OSU – Mechanical and Aerospace Engineering.
2. Had virtual kick-off meeting with Project Manager – Zaid Obeidi.
3. Began initial discussions of project details with graduate students.
4. Initiated meetings with project PI's at TU and OSU

(c) Description of any Problems/Challenges –

During this past quarter there were no significant challenges as we have just initiated the research project. The only major issue was discussing timing of the project due to the expected graduate student start date of May 2016. This particular issue has no substantive impact on the proposed research, but will impact the timing of the project. We have been in contact with our project manager and he is aware of the student issue and we are moving forward with the identification and hiring of graduate research assistants.

(d) Planned Activities for the Next Quarter –

Planned activities for the next quarter include the following

1. Initial material compounding tests.
2. Initialization of analytical and computation study of RFID designs for pipe.
3. In-person Kick-off meeting will occur during this quarter