

## **Fourth Quarterly Report – Public Page**

Date of Report: *September 30, 2011*

Contract Number: *DTPH56-10-T-000010*

Prepared for: *DOT and Co-funders (PRCI, INGAA & Williams Pipeline Company)*

Project Title: *Development of a Model to Accurately Predict the Conditions of Carrier Pipe within Casings based on Conditions at the Casing Ends*

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### ***Public Page Section***

We have used our preliminary casing model developed in the previous quarter to preliminary predictions. We found that the conditions at the two surfaces (outside and inside) of the bare casing wall can have a significant effect on the polarization of the carrier pipe in the annulus. This effect is to be experimentally verified.

### **Plans for Future Activity:**

Continue model development, and experimentally verify the model results.