**Federal Contract # DTFH61-17D00001 – Task Order #1**

**LONG-TERM BRIDGE PERFORMANCE PROGRAM**

PROGRESS REPORT NO. 1

Report Period: Sep 25, 2017 – October 31, 2017

Prepared For:

**Federal Highway Administration**

Prepared By:



**A. Account of work performed in this period**

* 1. **Coordination and Meetings Between the Contractor, FHWA LTBP Team, and State Highway Departments**

The Rutgers team had a conference call with FHWA on 10/4/2017. The minutes of the meeting were sent to FHWA on 10/6/2014.

* 1. **Data Gap Analysis**

The Rutgers team developed the draft detailed work plan for this task and submitted it to FHWA on October 25th. In addition, the Rutgers team reached out to its partners to begin the process of issuing subcontracts. Dr. Zobel reviewed the draft work plan and approved it without any comment.

Project Engineer: 165 hours

Staff Engineer: 41.25

Project Support: 15

* 1. **Communication**

The Rutgers team prepared the electronic version of the monthly progress report and submitted it to FHWA. Moreover, the Rutgers team developed a MS Project file showing the project milestone and submitted it to FHWA.

**B. Work to be accomplished during the next period**

* 1. **Coordination and Meetings Between the Contractor, FHWA LTBP Team, and State Highway Departments**

The Rutgers team will conduct a meeting with FHWA and submit the meeting minutes shortly after the meeting.

* 1. **Data Gap Analysis**

The Rutgers team will begin to execute the approved work plan. This work starts with a detailed review of all existing protocols to develop a comprehensive accounting of all data currently specified by the LTBP program (Task 2.1 in the approved work plan). In parallel with this effort we also anticipate beginning work on the development of the data needs based on the established use cases (Task 2.2 in the approved work plan).

* 1. **Communication**

The Rutgers team will prepare the electronic version of the monthly progress report and will submit it to FHWA. Moreover, the Rutgers team will submit the updated MS Project file to FHWA.

**C. Problems/Recommended Solutions**

No problems encountered during this period.

**D. How the results of the work performed supports one or more of the FHWA, DOT and LTBP Goals**

All of the work conducted under this task order aims to ensure that the LTBP program collects the data required to realize the following four use cases: (1) Advance research in bridge deterioration and predictive modeling, (2) Advance research in cost analysis, (3) Support improved bridge design methods, and (4) Quantify the effectiveness of bridge maintenance, preservation, repair, and rehabilitation strategies. These use cases encapsulate the overarching goals of the LTBP program and its vision for positively impacting the practice of bridge engineering.

**E. Purchases and Rentals**

Nothing was purchased or rented during this period.

**F. Travel Details for Reporting Period**

No travel occurred during this reporting period.

**G. Current and Cumulative Expenditures (cost shown includes benefits and overhead)**

|  |  |  |
| --- | --- | --- |
| **Institution** | **Current Expenditures**  **10/1/2017 – 10/31/2017** | **Cumulative Expenditures**  **10/1/2017 – 10/31/2017** |
| Rutgers, the State University of New Jersey | $ 24,858.75 | $ 24,858.75 |