**Sub-recipient Name:** Bridge Intelligence LLC

**Subaward No:** 00000286

**Principal Investigator:** Hooman Parvardeh

**LTBP TSSC**

**Federal Contract # DTFH61-17-D00001**

PROGRESS REPORT NO. 4

For the Period from 4/1/2018 through 4/30/2018

# Accomplishments/Work Performed

The following is a complete account of all accomplishments and work performed on each task during this reporting period.

# Task 1: (Coordination and Meetings between the Rutgers and FHWA LTBP Team)

During this period, Mr. Parvardeh responded to a few emails related to meetings and coordination.

Number of hours during this period: 1 hour

This task is approximately 30% complete.

# Task 2: (Develop LTBP Program Bridge Performance Strategic Research Matrix)

During this period Mr. Parvardeh reviewed the submittal for task 2.2 of the Strategic Research Matrix task.

Number of hours during this period: 2.5 hours

This task is approximately 30% complete.

# Task 3: (Conduct Training on Proper Use and Application of LTBP Field Assessment Protocols)

Nothing was done during this period.

Number of hours during this period: 0 hours

This task is approximately 12% complete.

# Task 4: (Development and Refinement of Data Collection Protocols)

During this period, Mr. Parvardeh assisted Dr. Babanejad with a few tasks related to Long and Short-Term instrumentation protocols.

Number of hours during this period: 3 hours

This task is approximately 80% complete.

# Task 5: (Legacy Data Mining Data Extraction and Upload)

During this period, Mr. Parvardeh met with Mr. Mott on multiple occasions and to discuss the progress of the data extraction work. Moreover, Mr. Parvardeh reviewed the output file from the LDM data extraction group.

Number of hours during this period: 7 hours

This task is approximately 40% complete.

# Task 6: (Organize, Conduct, and Participate in LTBP Workshops and Meetings)

Nothing was done during this period.

Number of hours during this period: 0 hours

This task is approximately 10% complete.

# Task 7: (Publication, Website, Communication, and Technical Assistance)

During this period, the Bridge Intelligence team performed the following tasks:

* Prepared and submitted monthly progress report for April including updated MS project
* Discussion regarding Bridge Portal data update with FHWA
* Provide estimate time and cost for Bridge Portal data update
* Reviewed and modified the LTBP Bridge Portal Journal Paper (work in progress)
* Update the SSL on LTBP3 server
* Update the OS and software on LTBP3 server
* Dealt with Rutgers server policy to bring LTBP3 back online
* Backed up the Database
* Uploaded the NBI 2017 data on Bridge Portal
* Tested the uploaded NBI data

Number of hours during this period: 64.5 hours

This task is approximately 35% complete.

# Work Anticipated During the Next Period

For the next period, the Bridge Intelligence team will work with the Rutgers team to satisfy the FHWA requirements.

# Changes /Problems

None.

# Participants & charged Level of Efforts

|  |  |  |  |
| --- | --- | --- | --- |
| **Personnel Name** | **Role/Contribution** | **Total Hours** | **Billed Cost** |
| Hooman Parvardeh | Principal | 78 | $ 10,140 |

Below is a breakdown of level of effort per task:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Task 1 | Task 2 | Task 3 | Task 4 | Task 5 | Task 6 | Task 7 | Total |
| 1 hr | 2.5 hrs | 0 | 3 hrs | 7 hrs | 0 | 64.5 hrs | 78 hrs |

# Travel

None.