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

**Subaward No:** 00000286

**Principal Investigator:** Hooman Parvardeh

**LTBP TSSC**

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

PROGRESS REPORT NO. 14

For the Period from 4/1/2019 through 4/30/2019

# 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 attended a web-meeting on 4/11 to discuss the transfer of bridge data collection to InfoBridge. Furthermore, Mr. Parvadeh worked with Dr. Babanejad to prepare the agenda and the presentation for this meeting.

Number of hours during this period: 5.5 hours

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

Nothing was done during this period.

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

During this period, Dr. Zobel requested the videos and data previously generated to be transferred to FHWA file server. Moreover, Mr. Zobel requested to timestamp each protocol for the training based on the video. Mr. Parvardeh transferred the videos and materials to the FHWA server and worked on developing timestamp for each protocol based on the video and provided it to Mr. Zobel.

Number of hours during this period: 20.5 hours

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

Nothing was done during this period.

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

Nothing was done during this period.

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

Nothing was done during this period.

# 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 January, February, and March 2019 including updated MS project
* Worked on converting Impact Echo raw data from Pilot Bridges to XML format. This task is under progress and will be finished in May 2019.
* Assisted the Rutgers team with the bridge selection task.

Number of hours during this period: 71 hours

# 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 | 97 | $ 12,998 |

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 |
| 5.5 hrs | 0 | 20.5 hrs | 0 | 0 | 0 | 71 hrs | 97 hrs |

# Travel

None.