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

**Subaward No:** 00000286

**Principal Investigator:** Hooman Parvardeh

**LTBP TSSC**

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

PROGRESS REPORT NO. 9

For the Period from 9/1/2018 through 9/30/2018

# 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 corresponded with multiple emails regarding communications with the FHWA team. Mr. Parvardeh developed slides for the web conference meeting with FHWA on the 24th. Mr. Parvardeh also attended the 3 hours web conference.

Number of hours during this period: 7.5 hours

This task is approximately 60% complete.

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

Nothing was done during this period.

Number of hours during this period: 0 hours

This task is approximately 60% 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 20% complete.

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

Nothing was done during this period.

Number of hours during this period: 0 hours

This task is approximately 80% complete.

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

Nothing was done during this period.

Number of hours during this period: 0 hours

This task is approximately 100% 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 June including updated MS project
* Assisted the Delaware group with the XML format for their study of weathering steel.
* Provided Bridge Plans of LTBP Mississippi and Florida bridge to Dr. Zobel
* Provided core data of LTBP Mississippi bridges to Dr. Zobel.
* Delivered some of the Virginia Pilot bridge NDT testing data to the FHWA NDE center
* Provided support for Dr. Zobel with LTBP bridge selection

Number of hours during this period: 29.5 hours

This task is approximately 80% 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 | 37 | $ 4,810 |

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 |
| 7.5 hr | 0 | 0 | 0 | 0 | 0 | 29.5 hrs | 37 hrs |

# Travel

None.