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

**Subaward No:** 00000286

**Principal Investigator:** Hooman Parvardeh

**LTBP TSSC**

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

PROGRESS REPORT NO. 6

For the Period from 6/1/2018 through 6/30/2018

# 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)

Nothing was done during this period.

Number of hours during this period: 0 hours

This task is approximately 40% complete.

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

During this period Mr. Parvardeh worked with Mr. Romano on the prototype for the visualization of the SRM.

Number of hours during this period: 6 hours

This task is approximately 50% 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 16% 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)

During this period, Mr. Parvardeh work with Mr. Shane to finalize the Excel file for the LDM data extraction. Mr. Parvardeh emailed this file to Dr. Zobel and Mr. Nehme.

Number of hours during this period: 6 hours

This task is approximately 80% 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
* Created XML documents for IE, USW, and ER for 6 bridges in WA and OR
* Created NDT reports from individual maps
* Backed up the Database on LTBP3 before uploading the new data files
* Uploaded NDT reports and XML documents into bridges in Bridge Portal
* Prepared the Database and the LTBP Data Folder for submittal to FHWA
* Submitted the updated Database and the LTBP Data Folder to FHWA
* Prepared all the GPR data from RABIT data collections
* Prepare all stitched image data from RABIT data collection
* Uploaded all GPR and stitched image data from RABIT data collection to Google Drive
* Provided the access link for all GPR and Stitched images from RABIT to FHWA
* Spent a considerable amount of time (26 hours) on updating the 2017 environmental data on the Bridge Portal

Number of hours during this period: 90.5 hours

This task is approximately 55% 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 | 102.5 | $ 13,325 |

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 |
| 0 hr | 6 hrs | 0 | 0 | 6 hrs | 0 | 90.5 hrs | 102.5 hrs |

# Travel

None.