**Sub-recipient Name:** New Jersey Institute of Technology

**Subaward No:** 0732

**Principal Investigator:** Matthew J. Bandelt

**T.O. 693JJ318F000303**

For the Period from 07/01/2019 through 07/31/2019

# Accomplishments/Work Performed

NJIT assisted Rutgers with the bridge deck casting of the BEAST specimen. Specimens were cast for compression, shrinkage, freeze-thaw, flexural, modulus of elasticity, chloride ponding, and electrical resistivity testing and experiments were carried out. Test data and analysis was sent to Rutgers.

# Work Anticipated During the Next Period

ASTM G109 and mechanical property testing will continue. NJIT will begin preparing the materials, supplies, and test setup for chloride profiling of the BEAST specimen and the corrosion specimens.

# Changes /Problems

None.

# Participants & Charged Level of Efforts

The table summarizes the participants and charged level of efforts.

|  |  |  |  |
| --- | --- | --- | --- |
| **Personnel Name** | **Role/Contribution** | **Total Hours** | **Billed Cost** |
| Aaron Strand | Technician | 37 | $69/hour |
| Matthew Bandelt | Project Engineer | 13 | $127/hour |
| Matthew Adams | Project Engineer | 13 | $127/hour |

# Purchases and Rentals

The following items were purchased and/or rented:

|  |  |  |
| --- | --- | --- |
| **Vendor** | **Product** | **Amount** |
| JoAnn Fabrics (Reimbursement to M. Bandelt) | Burlap for curing of concrete | $61.30 |
| **Total** |  | **$61.30** |

# Travel

None.

# Charges

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Institution** | **Current Expenditures**  **07/01/2019 – 07/31/2019** | | **Cumulative Expenditures**  **10/18/2018 – 07/31/2019** | |
| Labor | Other Costs | Labor | Other Costs |
| New Jersey Institute of Technology | $5,744.67 | $61.30 | $35,477.45 | $2,284.56 |