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

**Subaward No:** 0732

**Principal Investigator:** Matthew J. Bandelt

**T.O. 693JJ318F000303**

For the Period from 06/01/2019 through 06/30/2019

# Accomplishments/Work Performed

NJIT continued corrosion and chloride ponding testing in accordance with ASTM G109 during the reporting period. The research team prepared molds and formwork for compression, shrinkage, freeze-thaw, flexural, modulus of elasticity, chloride ponding, and electrical resistivity testing. The items were prepared for construction of the full-scale BEAST specimen

# Work Anticipated During the Next Period

ASTM G109 testing will continue. Testing of the concrete used for the full-scale BEAST specimen will commence next month. NJIT will assist with the bridge-deck pour as well.

# Changes /Problems

None to report.

# 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 | 74 | $69/hour |
| Matthew Bandelt | Project Engineer | 13 | $127/hour |
| Matthew Adams | Project Engineer | 13 | $127/hour |

# Purchases and Rentals

The following items were purchased:

|  |  |  |
| --- | --- | --- |
| **Vendor** | **Product** | **Amount** |
| Amazon | Epoxy Adhesive | $25.38 |
| Amazon | Electroplating Tape | $44.14 |
| Home Depot | Plywood and Sealant | $170.80 |
| McMaster | Hex Nuts, Rods, Tubing, PVC Sheets | $142.98 |
| MudSupply (Reimbursement to M. Bandelt) | Gel Paste | $97.50 |
| HD Supply (Reimbursement to A. Strand) | Rebar for Corrosion Testing | $136.27 |
| **Total** |  | **$617.07** |

# Travel

None.

# Charges

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Institution** | **Current Expenditures**  **06/01/2019 – 06/30/2019** | | **Cumulative Expenditures**  **10/18/2018 – 06/30/2019** | |
| Labor | Other Costs | Labor | Other Costs |
| New Jersey Institute of Technology | $8,297.43 | $617.07 | $29,723.79 | $2,223.26 |