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| **Progress Report** | | | | | | | | | | | |
| **WO 009 Highway Incident Detection Timeline** | | | | | | | | | | | |
| **Contract** | | **Project** | | **Billed Month** | | **Vendor Name** | | | | **Date** | |
| **4400011166** | | **TEM WO 009** | | **January 2017** | | **Temple University** | | | | **02/09/2017** | |
| **Federal ID No.** | | **Vendor SAP No.** | | **Project Amount** | | **Billed to Date** | | | | **Percentage Billed** | |
| **23-1365971** | | **117671** | | **$126,000.00** | | **$0.00** | | | | **0%** | |
|  | | | | | | | | | | | |
| **Task** | **Deliverable** | | | | | | | **Due** | | | **Completed** |
| **1.1** | A report summarizing the counties contacted and the datasets acquired. | | | | | | | **02/17/2017** | | |  |
| **1.2** | An electronic copy of the raw data acquired from each source. | | | | | | | **02/17/2017** | | |  |
| **2.1** | A report summarizing the efforts involved in data integration and pre-processing. | | | | | | | **04/17/2017** | | |  |
| **2.2** | An electronic copy of the normalized data. | | | | | | | **04/17/2017** | | |  |
| **3.1** | A report summarizing analysis of the 911 call data and PennDOT highway road closure data, including estimates of PennDOT notification latency for highway incidents across the state of Pennsylvania, a description of the software and methodologies used to arrive at the estimates of latency, statistical significance and confidence measures, and a comparison of the accuracies of the various prediction models: | | | | | | | **06/17/2017** | | |  |
| **4.1** | A report of the actions performed to curate the data and direct electronic access to the data archive via a URL or project website. | | | | | | | **07/17/2017** | | |  |
| **4.2** | An electronic archival copy of the data as it exists at the end of the project. | | | | | | | **07/17/2017** | | |  |
| **5.1** | A Draft Final Report | | | | | | | **08/17/2017** | | |  |
| **6.1** | A Final Report | | | | | | | **10/17/2017** | | |  |
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| **Task** | **Accomplishments This Month** | | | | **Activities Planned For Next Month** | | | | | | |
| **1.1** | **1] Continued contacting 911 call centers that have not provided data to provide pertinent data.**  **2] Continued acquiring data from 911 call centers.** | | | | **1] Attend an in-person meeting with PennDOT technical advisors to discuss status of data collection and preliminary analysis results.**  **2] Continue to contact 911 call centers and acquire pertinent data based on results of in-person meeting.**  **3] Provide list to PennDOT technical advisors of current status of 911 call center data for assistance in procuring data.**  **4] Develop report summarizing efforts in acquiring 911 call center data.** | | | | | | |
| **1.2** | **1] Continued development of dataset repository and addition of new data, including data from the PennDOT Highway Road Closure system.** | | | | **1] Continue adding data to the repository.**  **2] Review status of data based on an in-person meeting with PennDOT personnel.**  **3] Prepare data repository for access by PennDOT so that electronic copy of the data can be submitted as per Task 1.2.** | | | | | | |
| **2.1** | **1] Continued data integration and pre-processing of 911 call center data.**  **2] Continued data integration and pre-processing of PennDOT road closure data.** | | | | **1] Continue data integration and pre-processing for acquired data based on discussions from the in-person meeting with PennDOT.** | | | | | | |
| **2.2** |  | | | | **1] Begin revising data repository to include normalized data based on discussions with PennDOT personnel during in-person meeting.** | | | | | | |
| **3.1** | **1] Performed a more thorough initial pilot study with limited subset of 911 call center and PennDOT road closure data. The first 300 records in the PennDOT road closure data were checked against the 911 call center data acquired so far.** | | | | **1] Refine the initial investigation for the pilot study based on discussions with PennDOT technical advisors during in-person meeting.** | | | | | | |
| **4.1** |  | | | |  | | | | | | |
| **4.2** |  | | | |  | | | | | | |
| **5.1** |  | | | |  | | | | | | |
| **6.1** |  | | | |  | | | | | | |
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| **Principal Investigator Comments** | | | | | | | | | | | |
| 1] **The next conference call is scheduled for February 16, 2017 at 10:00 a.m.** | | | | | | | | | | | |
| **I certify that the above is correct and just.** | | | ***Signature:* Joseph Thomas Coe, Ph.D.** | | | | **02/09/2017** | | **215-204-6100** | | |
|
| **(PRINTED NAME)** | | | | **Date** | | **Telephone No.** | | |