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| **Progress Report** | | | | | | | | | | | |
| **WO 009 Highway Incident Detection Timeline** | | | | | | | | | | | |
| **Contract** | | **Project** | | **Billed Month** | | **Vendor Name** | | | | **Date** | |
| **4400011166** | | **TEM WO 009** | | **December 2016** | | **Temple University** | | | | **01/11/2016** | |
| **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 remaining 911 call centers that have not provided data to provide pertinent data.**  **2] Continued acquiring data from 911 call centers.**  **3] Discussed acquisition of data from Pennsylvania State Police with PennDOT and determined that such data would be unnecessary for this project.** | | | | **1] Continue to contact remaining 911 call centers and acquire pertinent data.**  **2] 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 using the results from pairing the two datasets (911 call center and PennDOT road closure) for one county as a basis for any additional changes to data format.** | | | | | | |
| **2.2** |  | | | | **1] Begin revising data repository to include normalized data.** | | | | | | |
| **3.1** | **1] Performed initial investigations with limited subset of 911 call center and PennDOT road closure data for one county.** | | | | **1] Perform a more thorough investigation to pair the two full datasets (911 call center and PennDOT road closure) for the county examined in the initial pilot study with the limited data subset.** | | | | | | |
| **4.1** |  | | | |  | | | | | | |
| **4.2** |  | | | |  | | | | | | |
| **5.1** |  | | | |  | | | | | | |
| **6.1** |  | | | |  | | | | | | |
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| **Principal Investigator Comments** | | | | | | | | | | | |
| 1] **The next conference call is scheduled for January 19, 2016 at 10:00 a.m.** | | | | | | | | | | | |
| **I certify that the above is correct and just.** | | | ***Signature:* Joseph Thomas Coe, Ph.D.** | | | | **01/11/2017** | | **215-204-6100** | | |
|
| **(PRINTED NAME)** | | | | **Date** | | **Telephone No.** | | |