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| **Progress Report** | | | | | | | | | | | |
| **WO 009 Highway Incident Detection Timeline** | | | | | | | | | | | |
| **Contract** | | **Project** | | **Billed Month** | | **Vendor Name** | | | | **Date** | |
| **4400011166** | | **TEM WO 009** | | **July 2017** | | **Temple University** | | | | **08/14/2017** | |
| **Federal ID No.** | | **Vendor SAP No.** | | **Project Amount** | | **Billed to Date** | | | | **Percentage Billed** | |
| **23-1365971** | | **117671** | | **$126,000.00** | | **$22,050.00** | | | | **17.5%** | |
|  | | | | | | | | | | | |
| **Task** | **Deliverable** | | | | | | | **Due** | | | **Completed** |
| **1.1** | A report summarizing the counties contacted and the datasets acquired. | | | | | | | **02/17/2017** | | | **02/17/2017** |
| **1.2** | An electronic copy of the raw data acquired from each source. | | | | | | | **02/17/2017** | | | **02/17/2017** |
| **2.1** | A report summarizing the efforts involved in data integration and pre-processing. | | | | | | | **04/17/2017** | | | **04/17/2017** |
| **2.2** | An electronic copy of the normalized data. | | | | | | | **04/17/2017** | | | **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: | | | | | | | **07/14/2017** | | | **07/14/2017** |
| **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** | | | **07/17/2017** |
| **4.2** | An electronic archival copy of the data as it exists at the end of the project. | | | | | | | **07/17/2017** | | | **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] Obtained data from Centre county.** | | | | **1] Finalize efforts to acquire data from any remaining counties.** | | | | | | |
| **1.2** | **1] Added additional data from Centre county to online repository.** | | | | **1] Continue contributing any additional data to the project website repository.** | | | | | | |
| **2.1** | **1] Made final efforts to contact Dauphin county regarding GPS coordinates.** | | | |  | | | | | | |
| **2.2** | **1] Normalized/pre-processed data from Franklin and Centre counties and posted to project website repository.** | | | | **1] Normalize and pre-process any data obtained from final efforts to contact remaining counties.** | | | | | | |
| **3.1** | **1] Completed pairing efforts with GUI for all data current as of 07/17/2017 for incorporation into Task 3.1 deliverable report.**  **2] Developed statistical information regarding pairings between PennDOT and 911 data.**  **3] Submitted Task 3.1 deliverable report with statistical results.** | | | | **1] Complete pairing efforts with any remaining datasets not incorporated into Task 3.1 deliverable report (Franklin and Centre counties).**  **2] Perform statistical analyses on remaining matched data pairings.** | | | | | | |
| **4.1** | **1] Completed Task 4.1 deliverable report that summarized data curation efforts as of 07/17/2017.** | | | |  | | | | | | |
| **4.2** | **1] Updated website archival depository to curate all data and analysis results as of 07/17/2017.** | | | | **1] Perform additional review of website to ensure data curation efforts are up to date prior to submission of draft final report.** | | | | | | |
| **5.1** |  | | | | **1] Compile previous deliverable reports into comprehensive review of project efforts for draft final report.**  **2] Incorporate results from any additional pairing and statistical analysis efforts.** | | | | | | |
| **6.1** |  | | | |  | | | | | | |
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| **Principal Investigator Comments** | | | | | | | | | | | |
| 1] **The next conference call is scheduled for September 21, 2017 at 10:00 a.m.** | | | | | | | | | | | |
| **I certify that the above is correct and just.** | | | ***Signature:* Joseph Thomas Coe, Ph.D.** | | | | **08/14/2017** | | **215-204-6100** | | |
|
| **(PRINTED NAME)** | | | | **Date** | | **Telephone No.** | | |