**Year 2016**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Feb. plan | Feb. facts | Mar. plan | People taking responsibility |
| Schedule timeline: | -To the end of February |  |  |  |
| General Goal: | - Completing a functional ITSIS SIH prototype that can run at any computer platform. |  |  |  |
| Tasks to be done: | For GTFS static part   * Parse the GTFS file into CSV files. |  |  | Joshua, Eric |
| For GTFS realtime part   * Use 511.org APIs to get low accuracy ETA * Merge into Java codes |  |  | Joshua, Eric |
| For User Interface part   * Java Programming |  |  | Joshua |
|  | Test vehicle running   * Driving a test car (like Nissan) at El Camino Real to simulate bus operations, collect GPS data stream for the Arrival Time estimation, formulate an information scenario can be played back. |  |  | Joshua, Wei-Bin |
|  | Milestone of Feb. 2016   * Coordinate with VTA * Report to Caltrans, FHWA |  | -- | Joshua,  Wei-Bin |

**Year 2015**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Oct. plan | Oct. facts | Nov. plan | People taking responsibility |
| Schedule timeline: | -To the end of October |  | -To the end of November |  |
| General Goal: | - Determine the types of all the components of ITSIS prototype system. |  | - Completing a partially functional prototype that can run and test at Richmond Field Station |  |
| Tasks to be done: | For SIH part   * Monitor * Embedded computer * DSRC RSE * Software language * Station/stop selection * Power supply | * I-Tech 21.5" LCD * Not yet decided * ®ARADA * C, Python * Not yet decided * Not yet decided | For SIH part   * Laptop display * Laptop * ®ARADA OBU | Joshua |
| For Devices on-Board part (on bus)   * OBU * DVI * Installation scheme | * ®ARADA * Not yet decided * Not yet decided | - In algorithm module, testing the basic functions and robustness of map application. | Dr. Mao and Huadong |
| For RSE & backhaul part   * Software | * Information forwarding program | - In HMI module, deciding the candidate information a | Huadong and Wei-Bin |
|  | For Passenger Info. Server part   * Software | * Bus location tracking program * VTA real time info. processing program * Improved ETA calculation program * Passenger request responding program |  |  |