MULTIMODAL PROJECT UPDATE

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1. Intersections and Data
   a. Small subset of intersections chosen for exploration
   i. 82nd and Burnside
   ii. 82nd and Killingsworth
   iii. 82nd and Flavel
   iv. Sunnyside and 86th
   v. Sunnyside and 101st
   vi. Powell and Milwaukie
   b. Data being collected
   i. System Detectors
   ii. Signal Timing
   iii. Bluetooth
   iv. Bus
   v. Bicycle Counts
   vi. Pedestrian Delays

2. Data Quality
   a. Volumes seem reasonable, occupancy possibly and speed is not
   i. Ground truth on volume data to be performed by RTMS/manual counters
   ii. Validation flags are in development
      1. Unusually high or low volumes
      2. Unusually high or low occupancies
      3. Communication failures

3. Archiving Framework
   a. Create schemas for data storage
      i. System detectors
      ii. Stations
      iii. Intersections
      iv. Corridors

4. Visualization/Summary Tools
   a. Volume/occupancy timeseries
   b. Volume and TOD Plan
   c. Phase timing and volume
   d. Mapping
   e. Summary of performance metrics

5. PORTAL
   a. Upload data and schemas into PORTAL
   b. Establish real time feed to TransSuite data

6. Final Report
Sample Plots

EB Sunnyside Rd at 86th Avenue
Center Lanes 3/24/11

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<th>End Time</th>
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Vancouver/Winnings Way/Williams
Bike Counts

- Inbound
- Outbound