2011 Delaware HPMS Commentary

EPILOGUE:
ROAD INVENTORY

1. The Department of Transportation maintained 5,374.62 Certified Miles of roadways on December 31, 2012 as reported in HPMS 2011. However, this is 84.59 % of the Total Certified Miles of highways and streets in the State, which amount to 6,357.59 miles.

2. Video Log was used to update the mileage of local roadways of the State, where the traffic count is below 500 AADT. A deletion of 7.07 miles of local roads in more than one jurisdiction was incorporated in 2011.

3. The Dirt Road Mileage was reduced by 9.5 miles by the US Corps of Engineers in 2011. There is a project in progress to improve that Dirt Road into a Recreation Trail.

4. The Airport Mileage to be used by the public was added in 2011.

5. The public roads in the University of Delaware and the Delaware State University were also added in 2011.

6. The GIS Office in Delaware is not centralized, and the entire system of highways and streets is not digitized. Thus the Shape files of public roads were not available from the Delaware Board of Education and other agencies.

TRAFFIC

1. Traffic counting schedule is prepared by the Office of Planning and is outsourced to Chaparral. However, Chaparral provides the field count around late April or early May. Thus with compilation and analysis, there is a constraint in the availability of traffic data for HPMS reporting.

2. There was a script error in the AADT for Philadelphia Urbanized Area and Local Street mileage reported in the previous year. With the consent of Tom Roff, FHWA, we have taken remedial action to update the HPMS 2010 data. This includes also the NAAQS Summary for 2010.

3. The Department maintains traffic count on all roads including local roads in the State. There were problems with the condition of certain ATR stations in 2011. This is already reported in HPMS 2011.

4. The most heavily traveled section of I-95 was widened from 8 lanes to 10 lanes in 2009. It would take a few years to update the traffic data on that corridor of I-95 when the traffic volumes reach consistency.

5. There was a conflict in reporting the AADT of truck traffic including both Single and Combination units. While the classification count is needed for at least 48-hour duration, there is a lack of coordination to include the contents of truck count studies conducted by WILMAPCO and other agencies. A major revision to the Traffic Group Pattern for all highways and streets by their respective classifications is essential. Marc Dixon, FHWA, has consented to organize a meeting in the near future to find a permanent solution of this major issue.

6. The traffic on Interstate ramps could not be counted in 2011. The ramp count is being planned for 2012.

7. After a review of Standard Samples 2011, 83 samples were deleted and 34 were added with a net reduction of 49 samples.

MISCELLANEOUS

1. The major transportation projects planned by our Department far exceed its budget.

2. The 2011 Delaware HPMS Task Force requires that the OIT should develop the application process for updating the HPMS data in the future.

3. Sanjay Kumar of DelDOT's OIT office created the working files in the office and loading HPMS files for the software.

4. Using GIS tools, our OIT office upgraded Curves and Grades of 34 new samples. The quality of such accomplishment would be evaluated in the near future.

ACKNOWLEDGEMENTS

I would like to extend my sincere appreciation to Marc Dixon, FHWA DelMar, Delaware Division, who has graciously assisted in the preparation of HPMS 2011.   Special thanks are due to Mr. Thomas Roff, and Ronald Vaughn Jr., FHWA Washington Headquarters, for providing guidance in completing this task.

The HPMS 2011 is submitted today, Tuesday, June 12, 2012. It gives me now a sense of relief.

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HYPERLINKS

The HPMS Internet site of Delaware and the following hyperlinks provide ample information.

Delaware HPMS Internet Site provides other related information, including past submission and progress, including these details with hyperlinks.

2011 Delaware HPMS Data Compilation provides HPMS coordinators functions.

2011 Delaware HPMS Submission Task Force indicates our Office of Information and Technology should develop application for updating the data in the future.

Delaware Current Major Transportation Projects account for the majority of DelDOT's budget.

Delaware after the June 15, 2012 HPMS Submission

DelDOT Division of Planning   www.deldot.gov/information/projects/hpms