Updates and Developments

ATR/CAVC Conversion Project
The Bureau of Planning and Research (BPR) continues the process of converting Automatic Traffic Recorder (ATR) sites which only collect vehicle volume to Continuous Automatic Vehicle Classification (CAVC) sites. The upgrade/conversion will allow BPR to collect 13 different vehicle classifications required by the Federal Highway Administration (FHWA); including collection and reporting of motorcycle travel data. In addition, FHWA has amended the Traffic Monitoring Guide (TMG) and added requirements for motorcycle correction factors. To be able to meet the requirements, it is recommended that PennDOT have at least 5 Continuous Automatic Vehicle Classification (CAVC) sites per traffic pattern group (TPG). To date, BPR has been able to upgrade/convert 30 Automatic Traffic Recorder (ATR) sites to Continuous Automatic Vehicle Classification (CAVC) sites.

Local Road Traffic Counting Project
Pennsylvania’s 2,562 municipalities own 78,520 linear miles of road of which 3,343 linear miles of municipal owned roads are on the Federal-Aid System. These roads on the Federal-Aid System are scheduled for traffic counts on a five year cycle. However, the remaining 73,346 linear miles did not have traffic counts taken on a regular basis.

Approximately 7,200 local road traffic counts were set in 2009 to develop a baseline for this new data. During the 2011 traffic count season, 1,377 sites in PennDOT Engineering District 6-0 were completed and 2,119 sites in Districts 1-0, 8-0 and 12-0 will be completed during the 2012 traffic count season.

Ramp Traffic Counting Project
Pennsylvania has approximately 4,320 interchange ramps. In 2010, BPR began scheduling traffic counts to be set on all interchange ramps statewide. Approximately 2,290 sites classified as US, PA and State route interchange ramps were set during the 2011 traffic count season. The data was collected by the vendors on the statewide contract and BPR field staff. In the 2012 traffic count season, BPR will complete the 2,320 sites that are classified as Interstate interchange ramps.

I-90 –Six Mile Creek Bridge (Erie County)