

10. BRIEFING ON HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS)

Background

The Highway Performance Monitoring System (HPMS) is an annual report prepared and submitted by Texas Department of Transportation (TxDOT) on the extent, condition, performance, use and operating characteristics of public roads. Through continuous data collection efforts, the HPMS estimates Vehicle Miles Traveled (VMT) by roadway type and vehicle class using a representative sampling of roadway segments using standard statistical models.

The traffic volume estimates in the HPMS are a critical factor used in the allocation of funds to MPOs and TxDOT Districts through formulas adopted by the Texas Transportation Commission. HPMS estimates of VMT are also used to develop a “correction factor” which is applied to on-road emissions budgets by Texas Commission on Environmental Quality (TCEQ).

Current Situation

The TxDOT is developing new estimates of funds available to MPOs and TxDOT Districts and TCEQ has started the process of developing new on-road mobile source emissions budgets for the Houston-Galveston-Brazoria State Implementation Plan. Staff is reviewing local data sources that could be used to ensure the accuracy of HPMS data on both a near term and a continuing basis, including toll transaction data, additional traffic counts performed by H-GAC and traffic counts collected by local governments and transportation agencies. Discussion is ongoing to identify the possibility of adjusting VMT estimates used by TxDOT in its formula allocations and the timing of emissions budget estimates performed by TCEQ. Staff will present a summary of HPMS data.

Action Requested

Information and discussion only.