**Addendum to Tennessee Guidelines**

In order to facilitate the coordination between MPO travel demand models and the Tennessee Statewide Model, the following standardization activities are presented in this section. The goals are to:

1. Encourage a standard platform for the MPO and Statewide Travel Demand Model along with TDOT roadway data. This will allow the databases to be able to communicate with each other.
2. To provide a standard platform for the application of the MPO and Statewide Travel Demand model outputs and inputs.
3. Support the application of the Air Quality Post Processes.

Activities will be concentrated in the following objectives:

* Standard Inputs and Outputs
* Common File Names
* Common Field Names
* Standard Peak Periods
* AM, MD, PM, OP
* Time of Day Volume Calibration/Check
* Time of Day Speed Calibration/Check
* Standard Post Processor
* Forecast Traffic Volume
* Travel Speed
* Travel Time

1. Standard Inputs and Outputs will include the use of a:

* Standard Folder Structure – See Exhibit A
* Scenario Names for Submission – See Exhibit B
* Standard File Names – See Exhibit C
* Standard Network Field Names – See Exhibit D

1. All modeling efforts consider standardized time periods as follows:

* AM – 6 am to 9 am (06:00 – 8:59)
* Mid Day – 9 am to 3 pm (09:00 – 14:59)
* PM – 3 pm to 6 pm (15:00 – 17:59)
* Off Peak – (18:00 – 5:59)

Directed Flows Should Also Be Checked.

1. Standardized Post Processes Should be Utilitized for:

* Directional Time of Day Post Processing
* Traffic Volume
* Travel Speed
* Travel Time
* Daily Post Processing
* Total Traffic Volume, Pass, SU, MU

**Exhibit A**

**Standard Folder Structure**

* **Main Folder** – All the files are stored in the main folder
* **Reference Folder** – To store all the lookup tables,

eg: Capacity Table, TOD Tables...Etc.

* **Document Folder**
* **Model UI Folder**
* **Scenario Folder** – To store all the Scenario Files

- Inputs

- Outputs

- MOE (if any)

**Exhibit B**

**Scenario Names of Submission**

* **Network**
* Base: Base Year Network
* EC: Existing Plus Committed (identified construction funding in the TIP document, or 1st year of the work program)
* L: Fiscally Constrained Build Scenario
* **Socio-Economic Data (SE, TAZ)**
* Base: Base Year SE
* BAU: Business As Usual Scenario

**Exhibit C**

**Standard File Names**

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