

This document serves as a checklist of the modeling tasks that will require TTCI (i.e. TTCI and/or local planning partner agencies) staff involvement. This checklist is a companion to the *TTCI Travel Demand Model Development – DRAFT Timeline*, and attempts to briefly describe TTCI’s participation in those tasks requiring MPO / local agency input. Each task listed below is either directly related to the input to the modeling process, or the output generated by the model. TTCI will be provided the data / information for each task (by MDOT-SUTA), including brief instructions explaining the review process. {The “Task” is derived from the “DRAFT Timeline”}

## **Task 1: Travel Demand Model Work Plan Development    **COMPLETED****

- TTCI will designate the horizon year for the long range transportation plan (e.g. 2045)
- TTCI will designate the base year for the travel demand model ( e.g. 2015)
- TTCI to review / concur with the travel demand model development timeline created by MDOT-SUTA

## **Task 2: Road Network Development - Base Year    **INCOMPLETE****

- TTCI to review / concur with the roadway links, segments, and corridors that will represent the base year model transportation network – the proposed network will be created by MDOT-SUTA    **COMPLETED**
- TTCI to provide certain roadway characteristics (i.e. attributes) for those roadways under local jurisdictional control. MDOT-SUTA will acquire necessary data for the State trunkline system    **ONGOING – COMPLETE BY JUNE TAC**

## **Task 3: Demographic Data Development - Base Year    **INCOMPLETE****

- TTCI to review / approve the population and household dataset, developed by MDOT-SUTA, at the jurisdictional and traffic analysis zone (TAZ) level  
**ONGOING – COMPLETE BY JUNE TAC**
- A similar review / approval, at the jurisdictional and TAZ level, will be necessary for any data forecasts (Task 14)    **TO BE PERFORMED IN JUNE - JULY 2018**
- “Approval” should be through the MPO Committee structure (TAC and Policy)

## **Task 4: Employment Data Development - Base Year    **INCOMPLETE****

- TTCI to review / approve the employment dataset at the jurisdictional and TAZ level. The review process will be achieved through the evaluation of a list of active businesses (representing the base year) assembled by MDOT-SUTA. This list of businesses will serve as the basis for the jurisdictional and TAZ level employment data    **ONGOING – COMPLETE BY JUNE TAC**
- A similar review / approval, at the jurisdictional and TAZ level, will be necessary for any data forecasts    **TO BE PERFORMED IN JUNE - JULY 2018**
- “Approval” should be through the MPO Committee structure (TAC and Policy)

## **Task 5: Traffic Analysis Zone (TAZ) Development - Base Year    **INCOMPLETE****

- TTCI to review / concur with the traffic analysis zone structure, along with the associated demographic and employment data    **ONGOING – COMPLETE BY JUNE TAC**

## **Task 6: Traffic Count Data    **COMPLETED****

- TTCI to gather and provide traffic count data for the those roadways (on the model network) under local jurisdictional control
- The traffic count dataset will be utilized in model validation, as well as the estimation of external travel (according to the base year)

## **Task 12: Evaluating Capacity Deficiencies - Base Year    **FORTHCOMING****

- TTCI to review and provide feedback to the model-generated, corridor-level capacity deficiencies depicted in the model output
- A similar review / feedback process will be necessary for any model forecast runs (Task 15)

## **Task 13: Road Network Development - Forecast Years    **FORTHCOMING****

- TTCI to provide MDOT-SUTA with a list of capacity changing projects included in the current TIP, and any future project improve & expand list(s) from the long range transportation plan

If you have any questions, please contact Rob Maffeo via telephone at (517) 335-2470 or via email at [MaffeoR@michigan.gov](mailto:MaffeoR@michigan.gov)