Response to Reviewer 2 Comments

**Point 1:** The research is well-structured but there are some grammatical errors.

**Response 1:** We are so sorry that the linguistic imperfections, although we have tried our best to avoid it. We have perfected the linguistic of the text and corrected grammatical errors through the revision of an expert in English.

**Point 2:** Greater emphasis should be given to the case study analyzed by inserting a geolocation or images of the area.

**Response 2:** In this paper, only when the speed of the construction area is calibrated, it is related to the reconstruction and expansion of an expressway in Anhui Province. But the calibration of the practical road resistance function model in the construction area is based on the simulation data of Vissim micro-simulation software, so we add Vissim simulation sketch (Figure 2, Figure 3) to illustrate.

**Point 3:** In figure 1 it is better to add the length as a value instead in table 2 it is better to put a small legend that recalls the parameters together with the units of measurement.

**Response 3:** Considering that there are two forms of traffic organization in this paper which are closed inside lane and closed half lane, we can not label both them in figure 1, but we have added figure 2 and figure 3 to label and explain the parameters in Table 2.

**Point 4:** From line 199 to 207 it is confusing to read data, therefore, it is considered more appropriate to insert a table or a bulleted list. A greater explanation for figure 4 must be inserted.

**Response 4:** Considering the reviewers’ suggestion, we have classified and explained the data by inserting tables (Table 3). We determine the segment of truck ratio by the maximum and minimum of trend difference between two traffic organization modes. Figure 4 is to better indicate the peak value of trend difference.