**CE 45000: Transport Policy and Planning**

**Due Wednesday, November 14, 2019**

Using the Pavement Management System (PMS) dataset posted on Blackboard (Excel spreadsheet: “PASER Fort Wayne” under folder “Course Project”), prepare following tables and figures, and explain them (at least 100 words each):

**Table 1:** Sample dataset to develop a 5-year capital improvement plan.

**Figure 1:** Summarize overall pavement condition by functional classification of roadways.

**Table 2:** Maintenance decision tree

**Table 3:** Maintenance cost matrix

**Figure 2:** Pavement deterioration model from literature review.

**Table 4:** Pavement improvement matrix

**Table 5:** Determine the budget required to keep the overall pavement condition same next year.

**Table 6:** Identify a best set of projects for improvements within a budget of $12 million.