Criteria	Description	Weight
Report	● Explanation of data, model, experiments, and results are logical and understandable; clear link (reference) to the code submitted ● Routing mechanisms/algorithms used to create paths and assumptions made are clearly explained ● Relation and data exchange between MESA and NetworkX models are clearly documented (e.g., use diagrams, flowchart for clarity) ● Good visuals, with the comparison of scenarios and results; use, e.g., boxplots, histograms to visualise scenario results (avoid using long tables); for the figures included, non-trivial observations/insights from the visualisation are included. (This also means not every figure created is included.) Use a flow chart to visualise process if needed ● Discussion on differences between scenario outcomes ● Interesting relationships between different key performance indicators are reflected upon ● A brief reflection describing the limitations, possible improvement, extension, etc., of the solution ● Well-structured and concise report with conceptual and logical soundness ● Clear link to literature	4
Data Preparation + Mesa + NetworkX Model	● Data well prepared for simulation to fulfil the goal of the assignment ● Data preparation process clearly reported: what you did, why you did it and why it satisfies the goals of the simulation Solution designed and implemented to fulfil the goal of the assignment ● Model runs without errors ● Solution designed and implemented to fulfil the goal of the assignment ● Vehicles are generated from both ends of roads; random paths are allotted to every vehicle generated, identified paths are stored and looked up by other vehicles ● Instantiation of components through data is clear and well-documented. Assumptions made to generate road segments, bridges and intersections from the raw data provided, are clearly documented in code (and explained in the report). ● Experiments are set up in a systematic manner (either for-loop or batch runner). ● Mechanisms exist to measure delays, travel time, etc. ● Use different seeds for the replications in a scenario ● Model built so that it is easily extendable towards a larger number of roads. ● Code (changes made by you) is well-structured and documented	4
Submission	● Submit in accordance with the submission guidelines ● Include a ReadMe file describing the necessary information to use your program	2
Total		10

- Fulfillment and reporting of the bonus exercises in this assignment count for 1 extra points in total.