



SUPPLEMENTAL QUESTIONS
OUC 17000 Office of Safety and Mobility

Consultant Name: _____ Date: _____

- All Supplemental Questions must be answered for each Numbered Service checked off in **Section 5. Services Requested for Prequalification Consideration** on the Application.
- There is a bookmark navigation panel to the left. To navigate to a set of Supplemental Questions, click on the “plus sign” next to the applicable Service Number then answer each question.
- If a Service Number checked off in Section 5 of the Application is not listed in the Table of Contents below or on navigation panel, there are no Supplemental Questions for that Service Number.

Table of Contents	Page No.
102.10 Planning Data-Travel Demand Modeling	
Question 1	2
Question 2	3
102.40 Planning Data-Traffic Simulation and Animation Modeling	
Question 1	4
Question 2	5

Consultant Name: _____

Date: _____

Supplemental Question(s) for 102.10 Planning Data-Travel Demand Modeling

1. Describe the approach to travel demand modeling in regions that combine small urban and rural areas. How are tools like TransCAD adapted to model both environments effectively?

Consultant Name: _____

Date: _____

2. What methods are used to calibrate and validate travel demand models in regions with sparse data, especially in rural or less-dense areas?

Consultant Name: _____

Date: _____

Supplemental Question(s) for 102.40 Planning Data-Traffic Simulation and Animation Modeling

1. What factors influence the selection of traffic simulation software for a project? How is the appropriate tool chosen based on the specific characteristics and needs of the project, such as different intersection types, traffic flow conditions, or operational complexity?

Consultant Name: _____

Date: _____

2. How are complex traffic flow scenarios, such as congestion, queuing, and system performance, addressed within traffic simulation models?