

Appendix 16A – Noise Traffic Data Request - Full Noise Study

Project: _____

Route: _____

County: _____

Key: _____

Analysis Years: Existing year (_____) Design Year (_____)

Data is needed for three scenarios: Existing conditions, Design Year No-Build, and Design Year Build

A. For each scenario, the following should be provided for all roadway links within the construction limits of the projects, plus 500 feet on either side of the project as well as any major cross streets.

1. Posted speed (mph)
2. 85th percentile speed (mph; if available)
3. Peak hour volumes (vph)
4. Peak truck hour volumes (vph)
5. LOS C volumes (vph)
6. Percentages or specific quantities for each Traffic Noise Model Vehicle Type in either simplified or detailed format as shown below

B. General & intersection data requirements:

1. Provide a turning movement diagram for each intersection in the project area (Optional for full study) _____
2. For links beginning at a traffic signal, provide percentage of vehicles departing the intersection that would be expected to have come to a stop
3. Existing and future zoning (or predicted/planned changes in land use from existing)

Simplified Vehicle Mix Breakdown		Detailed Vehicle Mix Breakdown	
Traffic Noise Model Vehicle Type	FHWA Vehicle Category Classification	Traffic Noise Model Vehicle Type	FHWA Vehicle Category Classification
Automobile	Classes 1-3	Automobile	Classes 2-3
Medium Truck	Classes 4-5	Medium Truck	Class 5
Heavy Truck	Classes 6-13	Heavy Truck	Classes 6-13
		Bus	Class 4
		Motorcycle	Class 1

Appendix 16A – Noise Traffic Data Request - Screening Noise Study

Project: _____

Route: _____

County: _____

Key: _____

Analysis Years: Existing year (_____) Design Year (_____)

Data is needed for three scenarios: Existing conditions, Design Year No-Build, and Design Year Build

A. For each scenario, the following should be provided for the specified roadway(s) in the project area:

1. Peak hour volumes (vph)
2. Posted speed (mph)
3. Percentages or specific quantities for each Traffic Noise Model Vehicle Type in either simplified or detailed format as shown below

B. Also for each scenario, provide a turning movement diagram for each intersection in the project area

Simplified Vehicle Mix Breakdown		Detailed Vehicle Mix Breakdown	
Traffic Noise Model Vehicle Type	FHWA Vehicle Category Classification	Traffic Noise Model Vehicle Type	FHWA Vehicle Category Classification
Automobile	Classes 1-3	Automobile	Classes 2-3
Medium Truck	Classes 4-5	Medium Truck	Class 5
Heavy Truck	Classes 6-13	Heavy Truck	Classes 6-13
		Bus	Class 4
		Motorcycle	Class 1