Traffic Noise Flowchart for Draft EIS

Is this a Type I project?

NO

YES

Are there noise sensitive receptors in the project area?

NO

YES

Perform detailed noise analysis including construction noise

Do noise levels approach or exceed Federal Abatement Criteria? Are there substantial impacts (greater than a 5 dBA increase over the existing level)?

Note: All alternatives require a noise impact analysis.

Feasibility determined by at least one receptor location receiving a noise reduction of at least 5 dBA per barrier.

Reasonability determined by at least one receptor location receiving a noise reduction of 7 dBA or more per barrier and a barrier cost effectiveness value less than or equal to $78,500/Benefited Receptor.

Is noise abatement feasible and reasonable (short of voting process)?

NO

YES

Noise abatement proposed

Noise abatement is not proposed

Send results to local agency as required by 23 CFR 772.17

Evaluate construction noise

NO

NO

Result in traffic noise impact?

NO

YES

Design preliminary noise abatement (preferred alternative only)

Report in draft EIS

Report in draft EIS

Report in draft EIS

Report in draft EIS

NO

NO

YES

See [http://www.dot.state.mn.us/environment/noise/index.html](http://www.dot.state.mn.us/environment/noise/index.html) for definition of a Type I project.