Traffic Noise Flowchart for Final EIS

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

Is this a Type I project?
- NO →
- YES ↓

Are there noise sensitive receptors in the project area?
- NO → Evaluate construction noise
- YES ↓
- → Send results to local agency as required by 23 CFR 772.17

Perform detailed noise analysis including construction noise

Result in traffic noise impact?
- NO → No further analysis necessary → Report in final EIS
- YES ↓

Do noise levels exceed State Standards and/or approach or exceed Federal Criteria? Are there substantial impacts (greater than a 5 dBA increase over the existing level)? Note: All alternatives require a noise impact analysis

Design preliminary noise abatement (preferred alternative only)

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 $43,500/Benefited Receptor.

Is noise abatement feasible and reasonable?
- YES ↓
- NO → Noise abatement is not proposed → Report in final EIS

Noise abatement proposed → Report in final EIS

Send out formal solicitation packet to benefited receptors

Allow minimum 15 calendar days from date of mailing

Public hearing and /or meeting specific to benefited receptors

Allow minimum 15 calendar days for response

50% or greater of all possible voting points from benefited receptors received?
- NO → Resend formal solicitation packet to benefited receptors who did not respond to the first solicitation
- YES ↓

Allow minimum 30 calendar days for response

25% or greater of all possible voting points received?
- YES → Tally points based on votes from benefited receptors. Identify noise abatement measures that **will** be constructed. Identify noise abatement measures that will **not** be constructed.
- NO → Barrier will not be constructed

Inform benefited receptors of results. (IE, direct mailer, website)

Report in final EIS or ROD