Traffic Noise Flowchart for Final EIS

Is this a Type I project?

Are there noise sensitive receptors in the project area?

Perform detailed noise analysis including construction noise

Result in traffic noise impact?

Design preliminary noise abatement (preferred alternative only)

Is noise abatement feasible and reasonable?

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 $43,000/Benefited Receptor.

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

Evaluate construction noise

Are there noise sensitive receptors in the project area?

Send results to local agency as required by 23 CFR 772.17

No further analysis necessary

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

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.

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

Report in final EIS or ROD

Resend formal solicitation packet to benefited receptors who did not respond to the first solicitation

Allow minimum 30 calendar days for response

25% or greater of all possible voting points received?

YES

NO

Barrier will not be constructed

50% or greater of all possible voting points from benefited receptors received?

YES

NO

Report in final EIS

NO

Report in final EIS

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