Traffic Noise Flowchart for Federal Cat-Ex projects (Exterior)

Is this a Type I project?

YES

Evaluate construction noise

NO

Are there any noise sensitive receptors in the project area?

NO

Result in traffic noise impact?

NO

Report in environmental document

YES

Perform detailed noise analysis including construction noise

Send results to local agency as required by 23 CFR 772.17

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 analysis.

NO

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.

YES

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

NO

Noise abatement is not proposed

YES

Noise abatement proposed

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

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

NO

30% or greater of all possible voting points received?

NO

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.

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

NO

YES

Barrier will not be constructed

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

Report in environmental document

Note: Do not include noise barrier solicitation results from specific receptors (IE: benefited locations addresses and how they voted) in any NEPA document. A separate document shall be included with the Submittal of the NEPA Document to FHWA.

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