Traffic Noise Flowchart for Combined FEIS/ROD Process

Is this a Type I project?

YES

Evaluate construction noise

NO

Are there noise sensitive receptors in the project area?

YES

Perform detailed noise analysis including construction noise

NO

Result in traffic noise impact?

YES

Design preliminary noise abatement (preferred alternative only)

NO

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

YES

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.

NO

Noise abatement is not proposed

Report in draft EIS

Send results to local agency as required by 23 CFR 772.17

NO

Send 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

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

NO

25% or greater of all possible voting points received?

NO

Barrier will not be constructed

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.

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

Report in final EIS

NO

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.

NO

NO

NO

NO

NO

YESS

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.

Note: Do not include noise barrier solicitation results from specific receptors (IE: benefited location 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.