Traffic Noise Flowchart for EA-EAW (Exterior)

Is this a Type I project?

YES

Evaluate construction noise

NO

Are there noise sensitive receptors in the project area?

NO

Send results to local agency as required by 23 CFR 772.17

YES

Perform detailed noise analysis including construction noise

NO

Result in traffic noise impact?

NO

Design preliminary noise abatement (preferred alternative only)

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 alternative need a noise impact analysis

Feasibility determined by at least one receptor location receiving a noise reduction of at least 3 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 (short of voting process)?

NO

Noise abatement is not proposed

YES

Noise abatement proposed

Report in environmental document

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

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

NO

50% 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

25% or greater of all possible voting points received?

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 FO&FC

Barrier will not be constructed

Proceeding with noise abatement measures determination.

Report in environmental document

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 FO&FC

Barrier will not be constructed

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.