Noise Analysis Process
Flowchart

START

Are NSAs within approx 500' of the project area?

YES

Prepare Noise Analysis on the feasible alts or preferred alt. Submit NMP for approval.

NO

Are noise impacts predicted in the design year?

YES

Are noise impacts predicted from construction of the project?

NO

END

END

NO

Is noise abatement acoustically feasible, conceptually feasible to construct, cost reasonable, and acoustically reasonable?

YES

Evaluate noise abatement alternatives

NO

Estimate cost of recommended noise abatement alternative. Submit NWPPP for approval.

Is the proposed project either a Type 1 or Type II project?

NO

Submit Stage 3 noise wall plans to OES and District for review, field review as needed

YES

Submit Stage 2 noise wall plans to OES and District for review, field review as needed

NO

Submit Stage 1 noise wall plans to OES and District for review, field review as needed

Are noise impacts predicted from construction of the project?

YES

Do 50% of the benefited receivers desire the noise barrier? Submit NPIS for approval.

NO

Conduct Noise Public Involvement

END

Are noise impacts predicted in the design year?

YES

Evaluate noise abatement alternatives

NO

Estimate cost of recommended noise abatement alternative. Submit NWPPP for approval.

END

Is noise abatement acoustically feasible, conceptually feasible to construct, cost reasonable, and acoustically reasonable?

YES

Field review as needed

NO

Is vegetative scrng constructible and desired by the benefited receivers? If so, design and construct

END

Submit noise analysis for approval. If not yet completed, prepare Noise Barrier Design Table (NBDT)

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