

**COLORADO DEPARTMENT OF TRANSPORTATION
NOISE ABATEMENT EVALUATION WORKSHEET**

Project Name & Subaccount Code:

Noise Abatement ID:

A. FEASIBILITY:

1. Can the noise barrier reduce noise by 5 dB for at least three impacted receptors?

YES NO NA

2. Is there a fatal flaw that keeps the noise barrier from being built? YES NO NA

If the answer is YES, select the most relevant fatal flaw.

B. REASONABLENESS:

1. Can the proposed noise barrier reduce noise by 7 dB for at least two impacted receptors?

YES NO NA

2. Is the Cost Benefit less than or equal to \$34,000 per receptor? YES NO NA

3. Are more than 50% of responding benefited residents/owners in favor of the recommended noise abatement measure?

YES NO NA To be determined - Survey not yet conducted

C. INSULATION CONSIDERATION:

1. For impacted Activity Category C receptors with exterior areas of frequent human use but potential to be Activity Category D receptors: Was a noise wall or berm determined to be feasible and reasonable? · YES · NO · NA

2. If the answer to C1 is NO or there are no exterior areas of frequent human use, does the Activity Category D receptor interior have noise impacts? YES NO NA

D. ADDITIONAL CONSIDERATIONS:

E. STATEMENT OF LIKELIHOOD:

1. Is noise barrier feasible? YES NO

2. Is noise barrier reasonable? YES, survey completed YES, survey pending NO NA

3. Will insulation of impacted Activity Category D receptor(s) be considered? YES NO NA

4. Is the noise barrier recommended? YES NO

F. ABATEMENT DECISION DESCRIPTION AND JUSTIFICATION:

Completed by: _____

Date: _____