



COLORADO DEPARTMENT OF TRANSPORTATION
NOISE ABATEMENT DETERMINATION WORKSHEET

Instructions: To complete this form refer to CDOT Noise Analysis Guidelines

STIP # _____ Date of Analysis: _____

Project Name & Location: _____

A. FEASIBILITY:

- 1. Can a 5dBA noise reduction be achieved by constructing a noise barrier or berm?
2. Are there any fatal flaw drainage, terrain, safety, or maintenance issues involving the proposed noise barrier or berm?
3. Can a noise barrier or berm less than 20 feet tall be constructed?

B. REASONABLENESS:

- 1. Has the Design goal of 7 dBA noise reduction for abatement measure been met for at least one impacted receptor?
2. Is the Cost Benefit Index below \$6800 per receptor per dBA?
3. Are more than 50% of responding benefited resident/owners in favor of the recommended noise abatement measure?

C. INSULATION CONSIDERATION:

- 1. Are normal noise abatement measures physically infeasible or economically unreasonable?
2. a. Does this project have noise impacts to NAC Activity Category D?
b. If yes, is it reasonable and feasible to provide insulation for these buildings?

D. ADDITIONAL CONSIDERATIONS:

E. STATEMENT OF LIKELIHOOD:

- 1. Are noise mitigation measures feasible?
2. Are noise mitigation measures reasonable?
3. Is insulation of buildings both feasible and reasonable?
4. Shall noise abatement measures be provided?

F. ABATEMENT DECISION DESCRIPTION AND JUSTIFICATION:

Completed by: _____ Date: _____