

SCDOT Feasibility and Reasonableness Worksheet

Date: _____

Project Name

Highway Traffic Noise Abatement Measure

Feasibility

Number of Impacted Receivers

Number of Benefited Receivers

Number of Impacted Receivers that would achieve a 5 dBA reduction from the proposed noise abatement measure

Is the proposed noise abatement measure acoustically feasible?

NOTE: SCDOT Policy indicates that 3 impacted receptors must achieve at least a 5 dBA reduction for it to be acoustically feasible.

Yes

No

Would any of the following issues limit the ability of the abatement measure to achieve the noise reduction goal?

- | | | |
|------------------------|------------------------------|-----------------------------|
| Topography | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| Safety | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| Drainage | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| Utilities | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| Maintenance | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| Access | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| Exposed Height of Wall | <input type="checkbox"/> Yes | <input type="checkbox"/> No |

If "Yes" was marked for any of the questions above, please explain below.

Detailed Description

Reasonableness

According to 23 CFR 772.13(d)(2)(iv) the abatement measure must collectively achieve each of these criteria to be reasonable. Therefore if any of the three mandatory reasonable factors are not achieved, then the abatement measure is determined NOT to be reasonable. When completing the form it is not necessary to detail each of the criteria if one was determined not to be reasonable.