

## QC process for internally produced Noise Technical Reports:

- Review by Noise Program Leader and a Professional Engineer with knowledge of noise modeling.
- The stamp and signature of the Professional Engineer on the Noise Technical Report serves as documentation of the formal QC.

## QC process for internally produced Barrier Design Technical Memorandum:

- These are not typically produced by ODOT staff, but if it were to be done, QC would be performed by Noise Program Leader and a Professional Engineer with knowledge of noise modeling.
- The stamp and signature of the Professional Engineer on the document serves as documentation of the formal QC.

## QC process for externally produced Noise Technical Reports:

- Consultant staff member (with noise expertise greater than or equal to the analyst) performs initial QC using the checklist from Appendix I of the Noise Manual which has been modified to include signature lines.
- An ODOT Noise Specialist performs additional QC and signs the checklist also when the report is satisfactory.
  - If ODOT review results in further revisions, the next draft of the report must be accompanied by a QC checklist for the new draft. The checklist should indicate the date of the report and what draft it is (1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>, etc.).
- Additionally, a professional engineer in the same consulting firm which prepared the report must stamp the final document after an ODOT Noise Specialist has signed the QC form.
- Upon final approval of the report, a copy of the signed QC checklist and final report with PE stamp is to be provided to the Noise Program Leader.

## QC process for externally produced Barrier Design Technical Memorandum:

- Consultant staff member (with noise expertise greater than or equal to the analyst) performs initial QC using the Quality Control Checklist for Noise Barrier Design Technical Memorandum.
- An ODOT Noise Specialist performs additional QC and signs the checklist also when the report is satisfactory.
  - If ODOT review results in further revisions, the next draft of the report must be accompanied by a QC checklist for the new draft. The checklist should indicate date of the report and what draft it is (1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>, etc.).
- Additionally, a professional engineer in the same consulting firm which prepared the report must stamp the final document after an ODOT Noise Specialist has signed the QC form.
- Upon final approval of the memorandum, a copy of the signed QC checklist and final memorandum with PE stamp is to be provided to the Noise Program Leader.

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Note: Noise Formal QC Process applies to projects that began project development during or after December 2019.