## QUALITY CONTROL CHECKLIST- NOISE ANALYSIS REPORT CONTENT



	Executive summary	Project ID: Report: DRAFT Submittal: First
	Project Year and Design Year Objectives properly presented	<ul> <li>Brief Summary/Purpose of the project,</li> <li>Route Mile Post limits with Stations,</li> <li>County/Jurisdiction,</li> <li>Trigger of Type 1 analysis</li> </ul>
	Current noise environment properly presented	Provide concisely the information on land use categories, and summary/number of receptors per category, within the study area
	Noise impacts information adequately presented	Brief comparison of Build vs. No-Build impacts, identifying eventual impacted receptors.
	Noise abatement measures adequately and unambiguously presented	<ul> <li>Simplified table summary of wall(s) heights, length, number of benefited receptors shielded by the barrier, total cost.</li> <li>If not recommended - why the abatement is not recommended, Vicinity map present including project area and state map reference maps</li> </ul>
	Introduction	comparing alternatives (if applicable)
	Fundamentals of traffic noise	Adequate data presented
	Noise impact criteria	Noise impact criteria presented
	Land use determination	
	Residences – B cat 🔲 🔲 A cat	Please confirm if all present and applicable Activity Categories (A-F) are
	Schools – C cat	represented. Please provide information on noise sensitive land use,
	Section 4f/106	including partially developed, with permit status (active, expired) and undeveloped land use. Include what Noise Abatement Criteria is
	Active permit - properties	applicable to respective properties.
	Analysis methodology	Please use the information provided in the Report Template;
	Determ. of Existing noise levels	
	General information	FHWA and ADOT guidelines and instructions, with hyperlinks
	Background noise	Measurements taken Analysis procedure/model version(s), validation/calibration process
	Noise level results	Please use the Report Template, particularly tables.
	Future predicted noise levels	
	No-build and Build noise levels and compa	arisons, increase over existing levels.
	General information	FHWA and ADOT pertaining guidelines and instructions
	Background noise	Analysis procedure/model version(s)
	Noise level results	Please use the Report Template, particularly tables.
	Traffic noise impacts	
	FHWA and ADOT pertaining guidelines an	
	Identification of impacted and non-impact Consideration of Abatement	ted receptors.
	FHWA and ADOT pertaining guidelines an	l in diastructions with hyperlinks
H	Identification of abatement options consid	
	Feasible/reasonable determinations	E E
	Final recommendation	Please use the Report Template, particularly tables.
	Construction noise and vibrations	Please use the Report Template, particularly tables, and add project appropriate information.
	Statement of likelihood	Community meetings/inputs, survey/voting results, abatement commitments, effects of public input
	Coordination with local officials	Related contacts, input, and information provided
	Noise report appendices	This section includes maps of receptors for each of the measuring stations, field data sheets, traffic data, FHWA TNM files, feasible/reasonable worksheets, calibration certificates. <b>All to be provided in digital/electronic format</b> .
]	The Report is COMPLETE	The Report needs CORRECTION

The checklist is to be used solely in conjunction with the ADOT Noise Abatement Requirements, not as a standalone document.