

**FY 2014/2015 QC Category No. 21  
STATEWIDE INSPECTION GUIDELIST  
Noise and Vibration Abatement**

**GENERAL**

1. Review any contract requirements relating to noise and/or vibration.  
[Spec 455-1.1, CPAM 8.10 and 9.10.5]
2. Be aware of any local ordinances relating to noise and/or vibration.  
[Spec 7-1.1]
3. Review the project construction times and the nature of the activities generating noise and/or vibration, which may disturb residents or businesses in the area. Examples of Noise/Vibrations Sensitive businesses are Hospitals, Surgery Clinics etc. More details are given in "Construction Noise & Vibration Sensitive Sites" as referenced in Chap. 17 of the Part 2 of the "Project Development and Environment Manual", found at the following URL.

[http://www.dot.state.fl.us/emo/pubs/pdeman/Pt2ch17\\_052411-current.pdf](http://www.dot.state.fl.us/emo/pubs/pdeman/Pt2ch17_052411-current.pdf)

4. Ensure the Contractor complies with the monitoring and inspection requirements of the contract documents and when the movement and vibration thresholds are exceeded follow the procedures stated in 455-1.1.

**COMPLAINTS DURING CONSTRUCTION AND REMEDIAL ACTIONS**

4. The Project Administrator should document any complaints received during construction. Documentation should include, as a minimum;
  - a. The nature of the complaint.
  - b. The name and address of the individual making the complaint.
  - c. The area affected by the problem.
  - d. The type of construction operation generating the noise and/or vibration. [CPAM 8.10.5]
5. The Project Administrator must report to and discuss with the Resident Engineer, any repeated noise or vibration complaints or any patterns of noise and vibration complaints including verbal complaints. [CPAM 8.10.6]
6. The Project Administrator should consider and discuss with the Resident Engineer the possible monitoring of noise and/or vibration during construction operations, at noise and/or vibration sensitive sites, or during specific operations for which complaints have been received. Particularly if the complaints are wide spread or if a change of construction method is being considered. [CPAM 8.10.6]
7. The Project Administrator should document any remedial action or modifications to the contractors' construction methods. [CPAM 8.10.6]