

## ***Audible and Vibratory Treatments for Arterials and Collectors Bulletin***

**Are changes in line with promoting and making meaningful progress on improving safety, enhancing mobility, inspiring innovation, and fostering talent; explain how?**

*Yes. This change greatly improves safety by reducing lane departure crashes by more than 20%. This supports the implementation of the Statewide Rumble Strip Initiative with a BC ratio of 32:1.*

**What financial impact does the change have; project costs, pay item structure, or consultant fees?**

*These streamlined design criteria and Standard Plans will reduce design costs. The pay item structure is simplified, and the consultant fees should be reduced.*

**What impacts does the change have on production or construction schedules?**

*We do not anticipate any production or schedule impacts because of these updates. The Districts are provided flexibility in the implementation schedule to ensure that there are no negative impacts to the production or letting schedules.*

**How does this change improve efficiency or quality?**

*The quality, consistency, and effectiveness of AVTs will be greatly increased. This is supported by test projects conducted in collaboration with District 2 and the State Materials Office.*

**Which FDOT offices does the change impact?**

*The Offices of Design, Construction, Program Management, and Maintenance.*

**What is the impact to Districts with this change?**

*This change will positively impact the districts by reducing the design effort with streamlined criteria and Standard Plans. The districts will also realize that noise complaints associated with AVTs will be greatly reduced.*

**Does the change shift risk and to who?**

*This change does not shift any risk.*

**Provide summary and resolution of any outstanding comments from the districts or industry?**

*The bulletin and interim revision have completed our FDOT Internal Review and Industry Review processes. There were no major comments to the bulletin or Interim Standard Plan Index. FHWA has also completed their review and supplied approval.*

**What is the communication plan?**

*The change will be released with the attached Roadway Design Bulletin through the contact mailer process.*

**What is the schedule for implementation?**

*The implementation is described in the Implementation section of the Bulletin. The Districts are provided flexibility to ensure that there are no negative impacts to the production or letting schedules. Many Districts are already using the details in their plans as a matter of choice.*