

NORTHEAST GATEWAY:

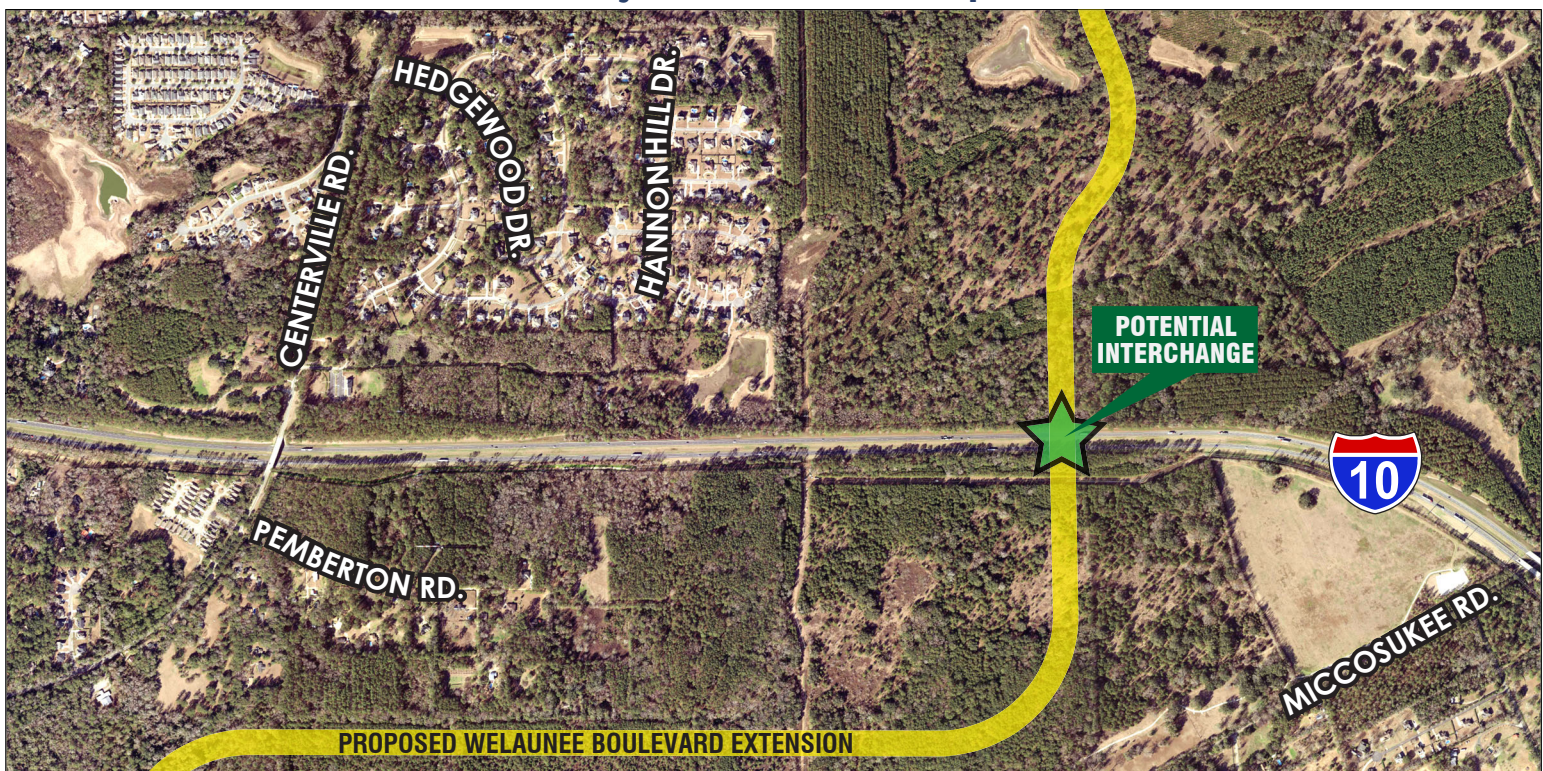
Welaunee Boulevard Auxiliary Noise Study

As part of the Northeast Gateway: Welaunee Boulevard project, the Blueprint Intragovernmental Agency has contracted with Atkins North America, Inc. to conduct an auxiliary traffic noise study to predict and document the noise levels generated by a potential interchange at Welaunee Boulevard and Interstate 10. Noise measurements and analyses are scheduled to begin soon and will follow the process shown below. Public involvement is very important for this and every Blueprint project and we thank you for your interest. For questions regarding the noise analysis contact Greg Kern, Blueprint Project Manager, at 850.219.1060 or by email at Greg.Kern@blueprintia.org. For more project information visit www.NEGateway.com.

Auxiliary Noise Study Process

WE ARE HERE	STEP 1	Identification of Noise Sensitive Sites	Noise sensitive sites are exterior areas where frequent human use occurs. Typical noise sensitive sites include exterior areas of residences.
	STEP 2	Existing Noise Data Collection	A noise analyst, using a sound level meter, will collect three, 10-minute trials for each identified noise monitoring location. This will establish existing noise levels.
	STEP 3	Prepare Future Condition Noise Models	A Traffic Noise Model will be prepared for several potential interchange configurations and future traffic forecasts will be used to predict future noise levels.
	STEP 4	Document Findings in Draft Auxiliary Noise Study Technical Memorandum	Staff will then prepare a Technical Memorandum to document the results of the noise study. This report will compare the existing noise levels to the predicted future scenario noise levels.
	STEP 5	Public Meeting	Once the results of the study are documented, staff will meet with local residents to share the results of the noise study and take questions/comments.
	STEP 6	Finalize the Auxiliary Noise Study Technical Memorandum	Revise the Draft Auxiliary Noise Study Technical Memorandum with input/comments received from the public.

Project Location Map



Frequently Asked Questions

1. Why is this noise analysis being conducted?

The noise analysis is being conducted to determine existing noise levels within the study area and to predict noise levels from a future potential interchange at Welaunee Boulevard and I-10.

2. How long will the noise study take to complete?

The noise study began in July 2019 and is expected to be completed by December 2019.

3. Is it necessary for noise measurements to be taken at each residence within the study area?

No, noise measurements will be taken from selected residential properties in Buckhead and along Pemberton Road that are closer to I-10 and to the potential noise impact area.

4. Does it make a difference what time of year the noise measurements are taken?

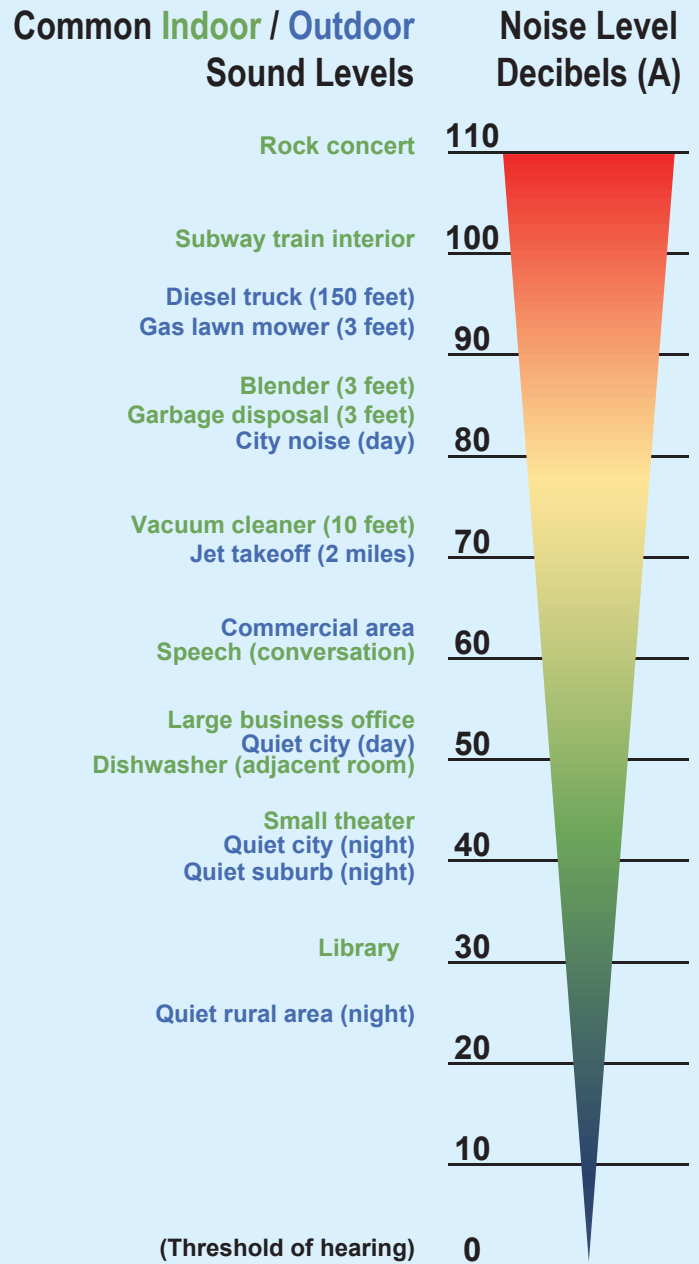
No, the time of year when the noise measurements are taken does not make a difference. The initial noise measurements will create a baseline on which the model will predict future traffic noise from the potential Welaunee Boulevard / I-10 interchange.

5. Is the Interchange Analysis part of the Northeast Gateway: Welaunee Boulevard PD&E Study?

No, the potential interchange is not part of the current Northeast Gateway project, and if advanced, would be completed by others at a future date.

Contact Information

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Key Facts and Rules of Thumb

- ▶ Noise is unwanted sound.
- ▶ Noise is measured and reported as an average of sound levels over a period of time.
- ▶ It takes a change of 5 decibels for people to really notice the change.
- ▶ A significant increase in noise (more than a 15 decibel increase) should be considered for mitigation.
- ▶ A noise reduction naturally occurs as distance increases, but it is not linear.
- ▶ Walls and berms can reduce noise significantly; but, height and location are of critical importance.