

**SOUND INCENTIVE PROGRAM:  
TECHNICAL MEMO**

# JOINING FORCES

## NORTH TEXAS

# SOUND INCENTIVE PROGRAM

## INTRODUCTION

The community surrounding Naval Air Station Joint Reserve Base experiences a high level of noise, as documented in the noise contours of the AICUZ. In recognition of this, the Joint Land Use Study completed in 2018 recommended to explore development of an incentive program, in partnership with the business community, to offer assistance (either grants or low-interest loans) to low- and moderate-income homeowners and other noise sensitive receptors to retrofit structures to provide sound attenuation. Work had not yet begun on this effort when the United States Congress appropriated funding for the Community Noise Mitigation Program, now being administered by the Office of Local Defense Community Cooperation.

## CURRENT EFFORTS

When OLDCC published the Draft Notice of Funding Opportunity for the CNMP, project staff thoroughly reviewed the notice and prepared a summary that was presented to the Regional Coordination Committee Technical Subcommittee and the RCC Officers. Project staff also prepared a series of questions proposed to be submitted to the docket in response to the draft NOFO. These comments were supported by the RCC Officers and Technical Subcommittee and later endorsed by the full RCC (the RCC meeting was scheduled for the Monday following the comment deadline and rescheduling was not an option).

A workshop was held with the voting members of the RCC as well as independent school district non-voting members to review the CNMP draft NOFO in more detail and begin to determine whether our region would take steps to begin preparing an application. The slide presentation prepared for this workshop is included as **Appendix 1**. During this workshop, the RCC gave approval to project staff pursuing meetings with school districts, to see if they would be interested in conducting acoustical testing and pursuing an application to the CNMP to provide sound mitigation treatments in school buildings located in the noise contours. The RCC chose to focus on school districts due to the limited number of schools in the area compared to private residences.

In April 2024, meetings were held with Fort Worth ISD, Lake Worth ISD and White Settlement ISD. All districts gave initial verbal cues that they are interested in at least pursuing the pre-acoustical testing. Project staff requested written confirmation by May 1, 2024, in order for the North Central Texas Council of Governments to pursue a procurement for a company to preform the acoustical testing. Once that is completed and once a NOFO is released with an application deadline, project staff will work with the school districts to determine whether to apply.

**SOUND INCENTIVE PROGRAM:  
APPENDIX 1**

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# RCC WORKSHOP\_113023



## RCC WORKSHOP

11.30.2023 | NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS



## COMMUNITY NOISE MITIGATION PROGRAM- OVERVIEW

- Draft Notice of Funding Opportunities was published on August 16, 2023
- Comments were Due on **October 13, 2023**
- Draft NOFO contains all the specifics of what would need to be included in a proposal and what the scoring criteria would be (pending public comment)
- It is unclear exactly when OLDCC will issue the actual NOFO and start accepting applications, but that is expected in early 2024 – there will be 90 days to respond with a proposal once published

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### COMMUNITY NOISE MITIGATION PROGRAM– OVERVIEW

- Purpose: reducing the impact of fixed wing military aviation noise on **covered facilities**
- Covered facilities criteria
  - Hospitals, daycare facilities, schools, facilities serving senior citizens, private residences – must be either within 1 mile of a military installation or within a 65+ dB noise contour
  - Demonstrate the presence of excessive aviation noise based on documentation and analyses prepared in accordance with AICUZ
- AICUZ older than 5 years may require written validation from installation commander that it is representative of current operations
- Only for projects outside the fence line
- Local project **must prioritize** specifically on the basis of noise contours for participation
- Local projects can't apply socioeconomic factors or other inappropriate criteria to limit or modify the group of properties for mitigation efforts
- Suggested to use FAA Circular "Guidelines for Sound Insulation of Structure Exposed to Aircraft Noise" to develop proposal/program

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### COMMUNITY NOISE MITIGATION PROGRAM– FUNDING

- \$75 million is available nationwide
  - \$56.25 million goes to active military bases
  - \$18.75 million goes to guard/reserve bases
    - \$5 million of the guard/reserve base funds is set aside for communities where military installation has transitioned to a new type or model of aircraft after January 1, 2019
- 10% local match required from the proposer
  - It does appear that contributions from participating property owners can be part of the local match
  - Grant recipient's administrative expenses (after December 27, 2020) can be counted as part of the local match
- If awarded, grantees have 5 years to expend the funds

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### COMMUNITY NOISE MITIGATION PROGRAM– ELIGIBLE ACTIVITIES

- Sound attenuating **habitable rooms**, which can consist of standard treatment packages (window and door replacements) and secondary treatment packages (caulking, weather stripping, installation of storm doors/windows)
  - Covered facilities **must be experiencing indoor noise levels 45+ dB with windows and doors closed** to be eligible
    - Treatments must **achieve 45dB DNL indoors in the 65-69 and 70-74 dB noise contours**
    - Treatments must **achieve 10-30dB DNL indoor reduction in 75+ dB noise contours**
- Pre-award local cost share contribution funding for operational and administrative costs
- Covered facilities built prior to December 27, 2020
- Block rounding or neighborhood equity for residential properties only (would also need to be approved by OLDCC)

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### COMMUNITY NOISE MITIGATION PROGRAM– ELIGIBLE COSTS

- Supplies and labor directly associated with eligible noise mitigation activities
- Community engagement and outreach (**local cost share only**)
- Project administration: pre-inspections, legal fees, pre-construction acoustical testing, environmental studies, project design, title and escrow, and project oversight (**local cost share only**)
- Post construction acoustical testing costs
- Contingency allowances
  - 15% before bids may be received
  - 10% after construction contract has been awarded
- Costs incurred/expended after December 27, 2020

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### COMMUNITY NOISE MITIGATION PROGRAM– SELECTION CRITERIA

- Prioritization of Community Noise Mitigation Zone (5-40 points) – based on noise contour with the highest number of potential properties for mitigation – will take into account identification and documentation of covered facilities, prioritization based on noise contour, consideration of socioeconomic factors in prioritization of a project approach due to equity considerations
  - First Priority: 75+ dB noise contours (30 points)
  - Second Priority: 65-74 dB noise contours (20 points)
  - Third priority: within 1 mile from base (5 points)
  - Identification and documentation of covered facilities, more detail = higher score (0-10 points) *NAS JRB Fort Worth likely to score high in this category*

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### COMMUNITY NOISE MITIGATION PROGRAM– SELECTION CRITERIA, CONT.

- Project readiness (0-30 points) – evidence that the project can commence within 12 months following 6 elements of readiness
  - Final design and planning
  - Development of any bid solicitation documentation
  - Federal and state/local environmental planning
  - Status of owner/occupant participation agreements
  - Project budget, including status of local cost share funding
  - Local permitting actions (if necessary)
- Noise Mitigation Strategy (0-20 points) – effectiveness of a proposed project for mitigating noise based upon the overall approach to prioritizing mitigation projects and what past actions and/or strategies have been taken to ensure compatibility of surrounding development (compatible zoning, purchased parcels, developed building codes to lessen future impact)

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### COMMUNITY NOISE MITIGATION PROGRAM- SELECTION CRITERIA, CONT.

- Construction Acoustical Testing (0-10 points)
  - Pre-testing
    - Methodology summary
    - Suggested treatments
    - Calculated noise level reduction
  - Post-testing
    - Who will conduct post testing
    - Methodology summary
    - Estimated noise level reduction
    - Plan for additional attenuation if goals are not achieved

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### ESTIMATED ELIGIBLE PROPERTIES

Land Use	65-69	70-74	75-79	80-84	85+
Schools	7	5	1	1	
Daycares	4	3	1		
Facilities Serving Seniors			1		
Religious Institutions	22	11	11		
Group Quarters	8	5	2		
Multi Family	513	39	21	1	
Single Family w/ Homestead Exemption	3,567	1,526	323	24	
Single Family, No Exemption	2,269	1,172	241	27	
<b>Total</b>	<b>6,390</b>	<b>2,761</b>	<b>601</b>	<b>53</b>	

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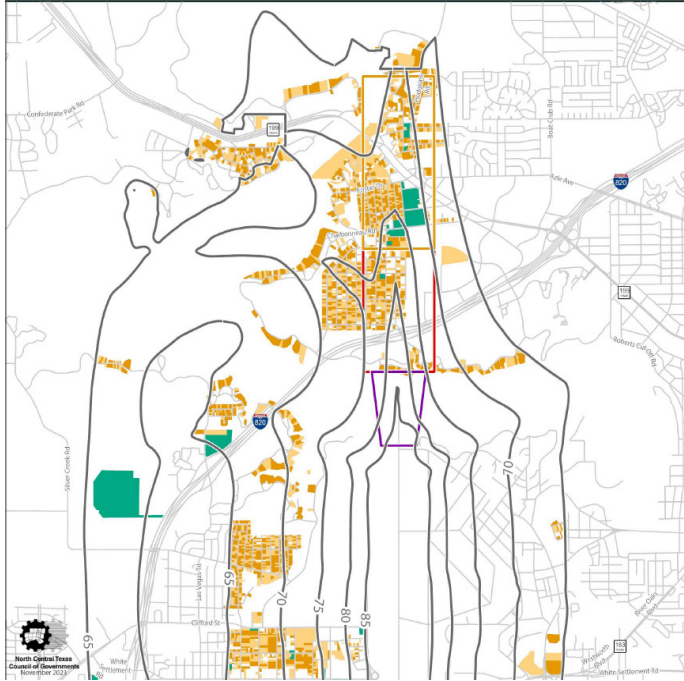


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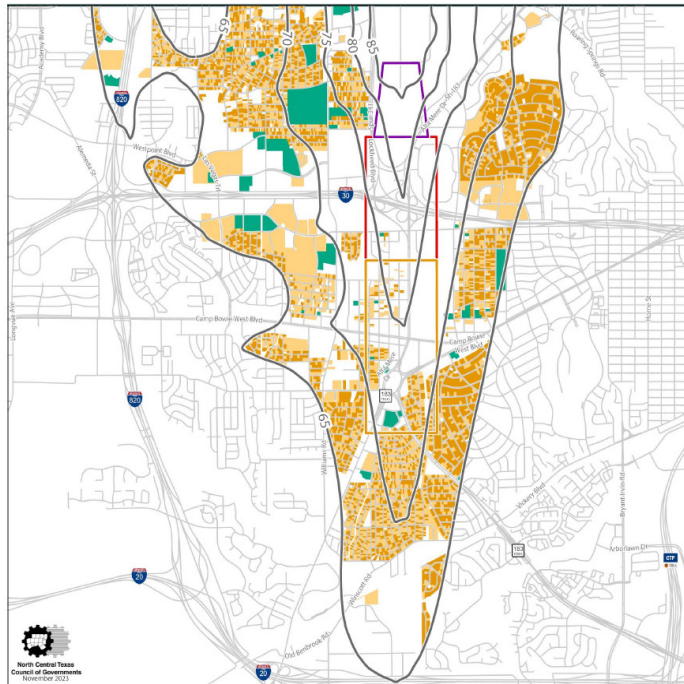
### Community Noise Mitigation Program Eligible Parcels (North)



- Potentially Eligible Parcels**
- Residential - With Homestead Exemption
  - Residential - No Homestead Exemption
  - Institutional
  - 2002 AICUZ Noise Contours
  - Clear Zones
  - Accident Potential Zone 1
  - Accident Potential Zone 2



### Community Noise Mitigation Program Eligible Parcels (South)



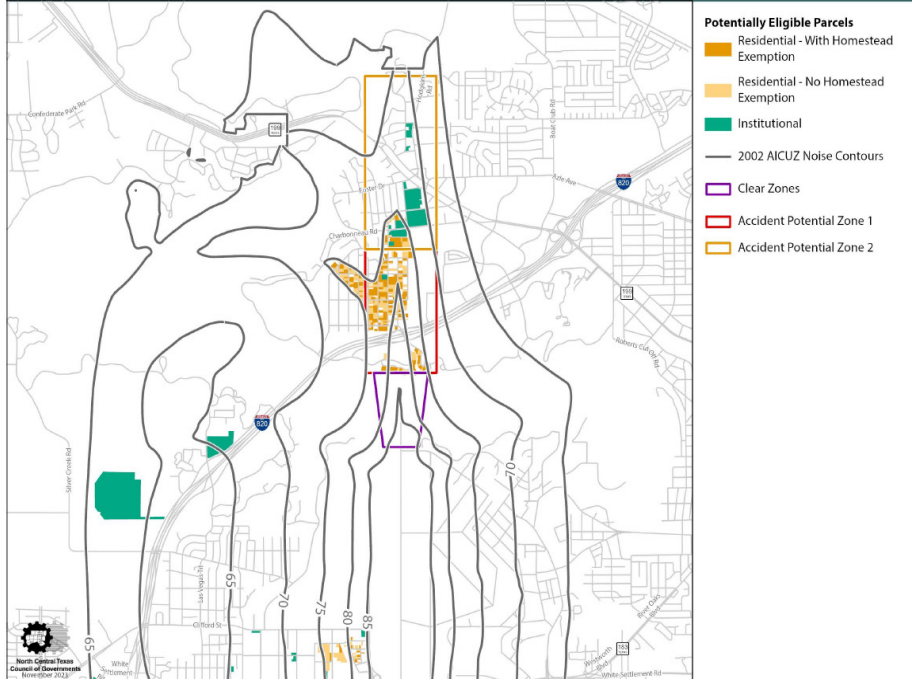
- Potentially Eligible Parcels**
- Residential - With Homestead Exemption
  - Residential - No Homestead Exemption
  - Institutional
  - 2002 AICUZ Noise Contours
  - Clear Zones
  - Accident Potential Zone 1
  - Accident Potential Zone 2

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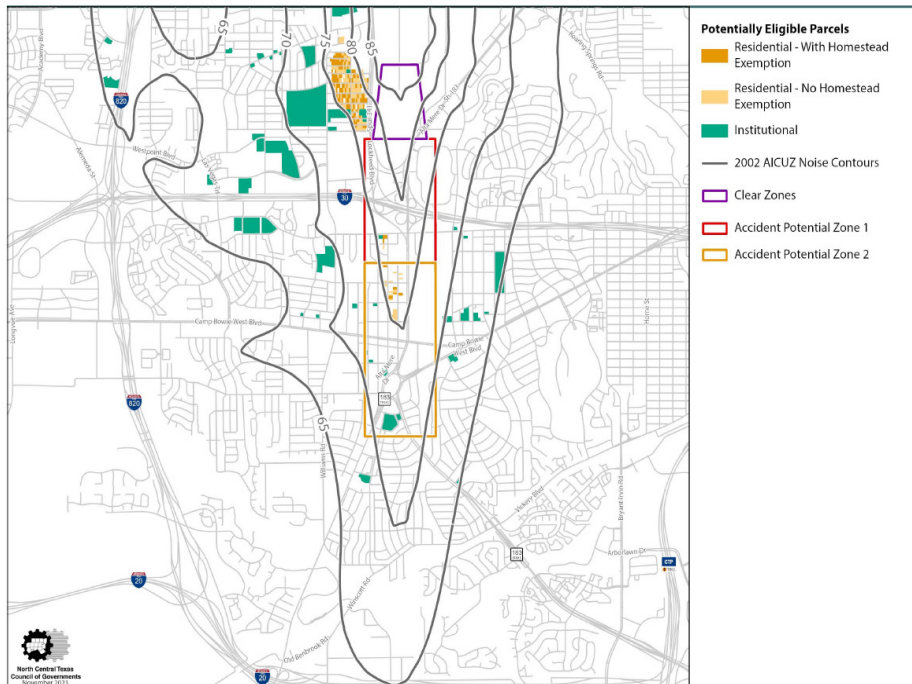
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### Community Noise Mitigation Program Eligible Parcels (North)



### Community Noise Mitigation Program Eligible Parcels (South)

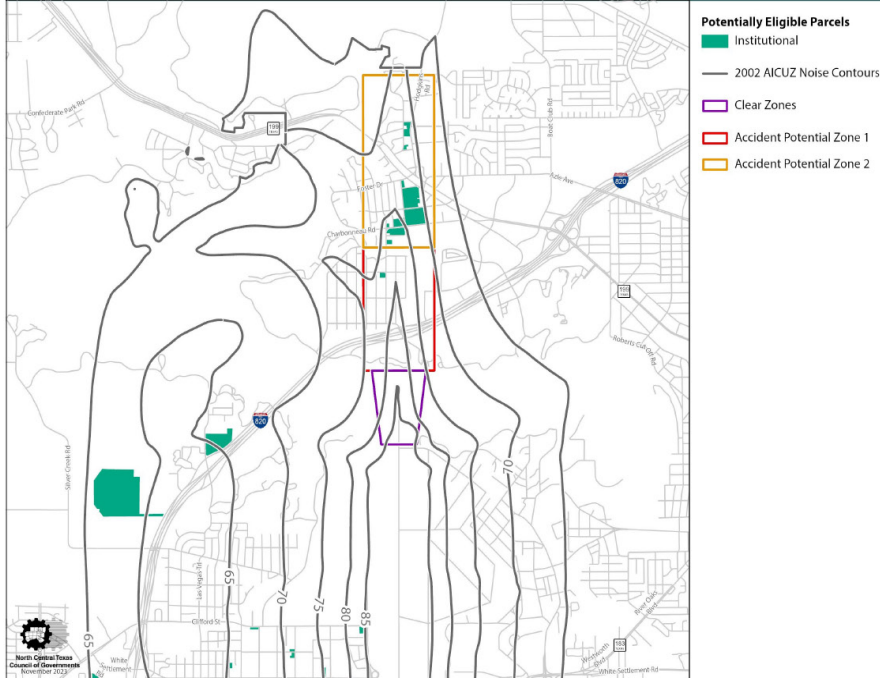


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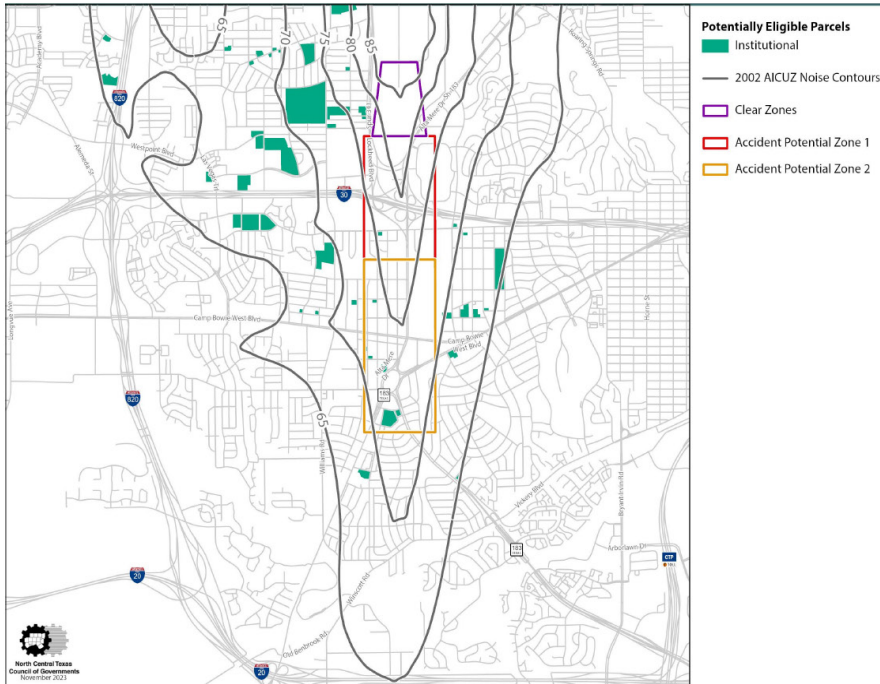
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### Community Noise Mitigation Program Eligible Institutional Parcels (North)



### Community Noise Mitigation Program Eligible Institutional Parcels (South)



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### POLICY QUESTIONS FOR THE RCC

- What entity should serve as the administrator/applicant for the program?
- Where should the local match come from?
- Could we limit an initial application to non-residential properties? Is there a priority order for these properties?
  - Schools
  - Daycares
  - Facilities Serving Seniors
  - Religious Institutions