

# AISD 05-10-2023



# AISD Environmental Stewardship Advisory Committee (ESAC)

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May 10, 2023

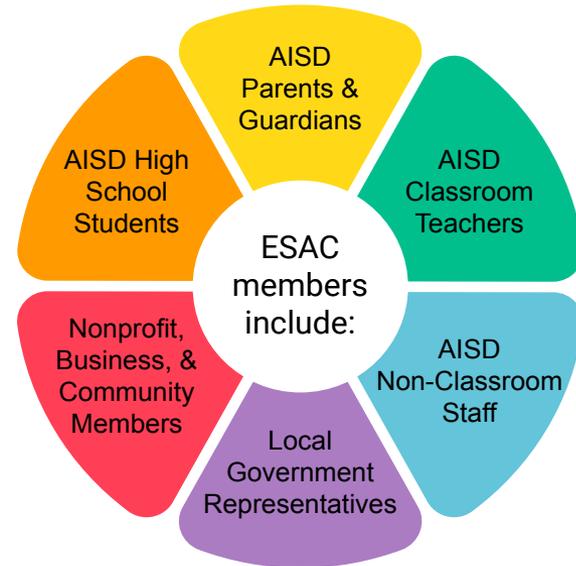
*The purpose of the ESAC is to engage AISD students, staff, parents, and community members in advancing environmental education and sustainable operations that enhance learning and support resilient, healthy, and equitable school communities.*



**ESAC Purpose:** To engage AISD students, staff, parents, and community members in advancing environmental education and sustainable operations that enhance learning and support resilient, healthy, and equitable school communities.



[tinyurl.com/AISDESAC](https://tinyurl.com/AISDESAC)



**To accomplish its purpose, the ESAC shall:**

-  Serve as an advisory body to the Superintendent
-  Foster communication & collaboration among members
-  Serve as a means for members & the public to remain current in the status of sustainability and related initiatives at AISD.
-  Support the [2011 Environmental Sustainability Policy \(CL\)LOCAL](#) and ongoing efforts to reach new heights for sustainability in infrastructure and operations, teaching and learning, and community engagement.



## AGENDA

I. Welcome & Announcements	5:30-5:40
II. Public Comments*	5:40-5:50
III. Icebreaker: ESAC Awards	5:50-6:05
IV. Elections	6:05-6:35
V. Air Quality: Letter & ESAC/AISD Conversation	6:35-7:00
VI. What's Next?	7:00-7:20
VII. Closing & Adjourn	7:20-7:30
VIII. Optional Green Building Tour of Govalle	7:30-8:00



# Reminders about ESAC

## ESAC Has a listserv!

[AISD\\_esac@googlegroups.com](mailto:AISD_esac@googlegroups.com) please use it for sharing news, info, updates with your ESAC colleagues.

## ESAC has a google share drive! [tinyurl.com/ESACfiles](https://tinyurl.com/ESACfiles)

Please keep your subcommittee files here. You can also access templates and see what other subcommittees are up to! We will add members to the drive.

## ESAC has a website!

[www.austinisd.org/advisory-bodies/esac](http://www.austinisd.org/advisory-bodies/esac) Great for knowing when meetings take place, reviewing previous meeting materials/videos, seeing general info about the committee.



# Announcements



# ESAC Applications

Apply by June 30th: [austinisd.org/advisory-bodies/application](https://austinisd.org/advisory-bodies/application)



SCHOOL	PROJECT TYPE	2023				2024				2025				2026				2027				2028				
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
COOK ELEMENTARY SCHOOL	Open Concept	● ST										OP														
OAK HILL ELEMENTARY SCHOOL	Open Concept	● ST										OP														
ODOM ELEMENTARY SCHOOL	Open Concept	● ST										OP														
WILLIAMS ELEMENTARY SCHOOL	Open Concept	● ST										OP														
ALLISON ELEMENTARY SCHOOL	Full Modernization	● ST											OP													
HARRIS ELEMENTARY SCHOOL	Full Modernization	● ST											OP													
LINDER ELEMENTARY SCHOOL	Full Modernization	● ST												OP												
WOOTEN ELEMENTARY SCHOOL	Full Modernization	● ST												OP												
TRAVIS EARLY COLLEGE HIGH SCHOOL	Full Modernization	● ST																								OP
BURNET MIDDLE SCHOOL	Full Modernization	● ST																								OP
SADLER MEANS YOUNG WOMEN'S LEADERSHIP ACADEMY	Full Modernization	● ST																								OP
PECAN SPRINGS ELEMENTARY SCHOOL	Full Modernization	● ST													OP											
HOUSTON ELEMENTARY SCHOOL	Full Modernization	● ST													OP											
ANDERSON HIGH SCHOOL	Phased Modernization		● ST												OP											
CROCKETT EARLY COLLEGE HIGH SCHOOL	Phased Modernization		● ST																							OP
NORTHEAST EARLY COLLEGE HIGH SCHOOL / INTERNATIONAL HS	Phased Modernization		● ST																							OP
LBJ EARLY COLLEGE HIGH SCHOOL	Phased Modernization		● ST																							OP
MCCALLUM HIGH SCHOOL	Phased Modernization		● ST																							OP
MARTIN MIDDLE SCHOOL	Phased Modernization			● ST																						OP
BARRINGTON ELEMENTARY SCHOOL	Full Modernization			● ST												OP										
OAK SPRINGS ELEMENTARY SCHOOL	Full Modernization			● ST												OP										
DOBIE MIDDLE SCHOOL	Phased Modernization			● ST												OP										
WOOLDRIDGE ELEMENTARY SCHOOL	Full Modernization				● ST																					OP
LANGFORD ELEMENTARY SCHOOL	Full Modernization				● ST												OP									
NAVARRO EARLY COLLEGE HIGH SCHOOL	Phased Modernization				● ST																					OP
AUSTIN HIGH SCHOOL	Phased Modernization					● ST																				OP
ANDREWS ELEMENTARY SCHOOL	Full Modernization						● ST																			OP
O. HENRY MIDDLE SCHOOL	Phased Modernization							● ST																		OP
HILL ELEMENTARY SCHOOL	Phased Modernization								● ST																	OP

Project timelines were determined by prioritizing safety and security, historically underserved communities, construction timelines and cost savings. The design start and estimated dates are subject to change based on factors such as supply chain, weather, site development permitting, unforeseen construction conditions, etc.

In addition to the projects listed, there are comprehensive projects and 300+ targeted projects which will be implemented as part of the 2022 Bond. For more information, visit AISDFuture.com and the FAQ.

[bond.austinschools.org](http://bond.austinschools.org)

Image Description: 2022 Bond Schedule Modernization and Open Concept School Project Summary Table

# Public Comments

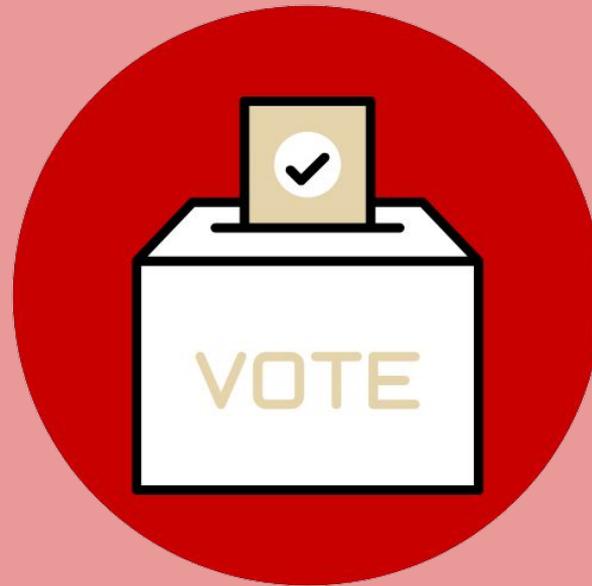
Visit [austinisd.org/advisory-bodies/esac/meetings](https://austinisd.org/advisory-bodies/esac/meetings) to submit public comments by noon the day of the meeting



# ESAC Awards



# Co-Chair Elections





**Jeff Wacker**





**Melody Alcazar**





**Shaun Auckland**



# Co-Chair Elections



# Air Quality Updates



# Indoor Air Quality Update



# Concerns and Questions

Thousands of children in AISD have **asthma triggered by poor indoor air quality (IAQ)**, including mold, pests, classroom pets, cleaning supply chemicals, dust, and other allergens.

- What steps are being taken to upgrade and maintain HVAC systems and **improve ventilation** for campus buildings not part of modernization plans?



# More Questions

- Is **portable classroom replacement** planned since they have some of the worst air quality in all campus buildings?
- Also of concern was how indoor air quality measures and plans are **communicated to campuses**. Is it via principals? It is not part of communications within the larger campus community.



# Feedback

- The 2022 bond allows for **new, automated HVAC systems** covering 60 campuses, with a focus on improved ventilation and carbon dioxide level detection.
- Plans for **15** of the 60 campuses have been developed so far. A total of **\$26 million** is budgeted for this work.
- The department aims to replace or upgrade automatic HVAC controls where possible. **Centralized systems management** is the priority for checking humidity and carbon dioxide levels and venting spaces.
- No manual HVAC or IAQ checks for particulate matter or VOCs are performed **unless a campus requests a technician**. I asked about the use of portable monitoring tools as recommended by the EPA.

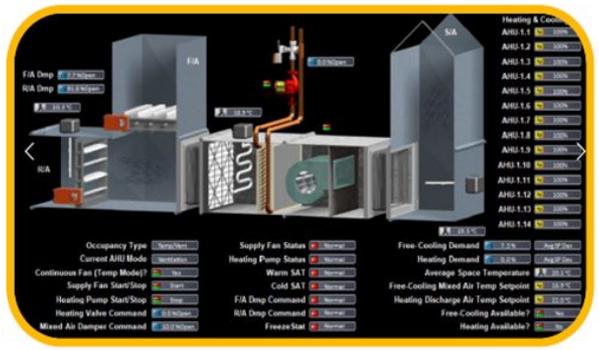


# More Feedback

- **Portable classrooms' IAQ is a well-known issue.** Where enrollment allows (drops), portables are being removed.
- Notably, the **communication about plans can be improved.** The district staff plans to update the website and create specific communications for publicly sharing these topics. Darien will be following up.
- AISD is trying to **hire two more staff** in this area.
- Members of the IAQ section may be **consulted about communications** related to these issues as soon as this summer.



# Indoor Clean Air Initiatives @ Austin ISD



# HVAC DistrictWide Controls Project

## Indoor Air Quality

### Progression from SY 22-23 Onward!

1. **Planning**
  - a. Cross Referencing with 2017 & 2022 Bond Modernization sites
2. **Design Work**
  - a. Many of these are completed
3. **Costing**
  - a. Cost elements/ Cost per campus
    - i. Base Bid, Alternate, design & commissioning, environmental testing, contingency and escalation, etc.
4. **Funding**
  - a. \$26M



## Links



[tinyurl.com/AISDBuildingEnvSpecialist](https://tinyurl.com/AISDBuildingEnvSpecialist)

**Job Posting: Env. Specialist**

[tinyurl.com/AISDBuildingEnvForeman](https://tinyurl.com/AISDBuildingEnvForeman)

**Job Posting: Env. Foreman**

[Bond.austinschools.org](https://Bond.austinschools.org)

**AISD 2022 Bond Book**

[tinyurl.com/AISDSustPolicy2011](https://tinyurl.com/AISDSustPolicy2011)

**2011 AISD Sustainability Policy**

[tinyurl.com/AISDIdlingPolicy](https://tinyurl.com/AISDIdlingPolicy)

**2021 District Vehicles Policy (Idling)**

[tinyurl.com/AISDpestmanagement](https://tinyurl.com/AISDpestmanagement)

**AISD Integrated Pest Management**

[tinyurl.com/AISDgreencleaning](https://tinyurl.com/AISDgreencleaning)

**AISD Green Cleaning**



# Proposed I-35 Air Quality Letter



# Schools Located Near I-35

School	Distance	Hwy	EcoDis	ELL	SpEd	African-Am. + Hispanic	Enrollment (a/o 10/22)
Guerro Thompson ES	0.4 mi	I-35	99.1%	86.7%	11.0%	95.0%	562
T.A. Brown ES	800 ft	I-35	97.5%	75.3%	9.5%	86.6%	486
Martin MS	0.4 mi	I-35	92.2%	39.5%	24.0%	97.3%	296
Travis Early College HS	700 ft	I-35	83.0%	58.8%	16.9%	91.2%	1,137
Sanchez ES	600 ft	I-35	81.6%	66.7%	10.2%	90.6%	489
Uphaus Early Childhood Center	0.3 mi	I-35	73.0%	50.2%	13.7%	89.2%	285
Akins HS	0.4 mi	I-35	61.0%	41.4%	14.4%	83.7%	2,613
Maplewood ES	0.3 mi	I-35	28.9%	7.0%	12.7%	38.8%	402
Lee ES	0.3 mi	I-35	21.6%	7.9%	11.1%	20.7%	458
Ridgetop ES	0.4 mi	I-35	19.1%	13.9%	10.6%	49.9%	367
<b>I-35 student count:</b>							<b>7,095</b>



# Schools Located Near MoPac

School	Distance	Hwy	EcoDis	ELL	SpEd	African-Am. + Hispanic	Enrollment (a/o 10/22)
Covington MS	0.4 mi	MoPac	53.4%	19.6%	25.1%	60.6%	637
Matthews ES	0.4 mi	MoPac	31.9%	13.6%	12.8%	42.9%	345
Austin HS	800 ft	MoPac	24.5%	13.8%	10.4%	38.4%	2,317
Bryker Woods ES	0.4 mi	MoPac	9.9%	4.4%	8.9%	21.5%	293
Casis ES	0.4 mi	MoPac	7.5%	3.8%	11.5%	14.4%	599
Kiker ES	0.3 mi	MoPac	7.2%	8.5%	10.6%	18.5%	789
Gullett ES	700 ft	MoPac	6.4%	3.0%	12.4%	15.9%	565
Highland Park ES	0.25 mi	MoPac	6.1%	1.3%	11.1%	18.0%	638
<b>MoPac student count:</b>							<b>6,183</b>



# Our Ask of the Board of Trustees

1. **Take a formal stance on the proposed expansion of I-35** citing that:
  - Austin ISD has concerns about traffic emissions in the I-35 corridor that runs through our city, close to our schools, and impacts the respiratory health of more than 7,000 students.
  - Many more school and community conversations based on the evidence linking emissions and children's health are needed before proceeding with the Texas Department of Transportation (TxDOT)'s proposed highway expansion through Austin.
2. **Schedule the topic of traffic emissions and AISD student health as an agenda item for a Fall 2023 Board meeting**, with an invited speaker from UT's [Center for Health and Environment: Education and Research](#) (CHEER)
3. **Assign an AISD staff role to monitor ambient and indoor air quality** at schools along the I-35 and MoPac corridors; **educate affected schools** of risks of increased air pollution exposure; and **implement strategies—such as air filters—to reduce air pollution exposure** and associated risks. ([Note that approaches like air filters have secondary benefits like reduced disease spread.](#))
4. **Commit to not build new schools or school-related facilities within 500 feet of highways and arterials** that carry heavy truck traffic and commit to mitigation measures for schools located within 2000 feet.



# Next Steps

- **Tonight** - Discuss + vote on letter.
- **Summer 2023** - Interested ESAC & SHAC members continue to meet to strategize.
- **Fall 2023** - SHAC votes on letter.
- **Ongoing** - Collaborate with AISD staff, students, families, and partners to implement recommendations.



# Thank You Letter Contributors!

- Eileen McGinnis, lead organizer
- Melody Alcazar
- Sharon Munroe
- Kindal Keen
- Jen Cregar
- Cassandra Terrell  
(OLE! Austin, Wildflower Center)
- Joan Eisenberg Maniere  
(School Health Advisory Committee)



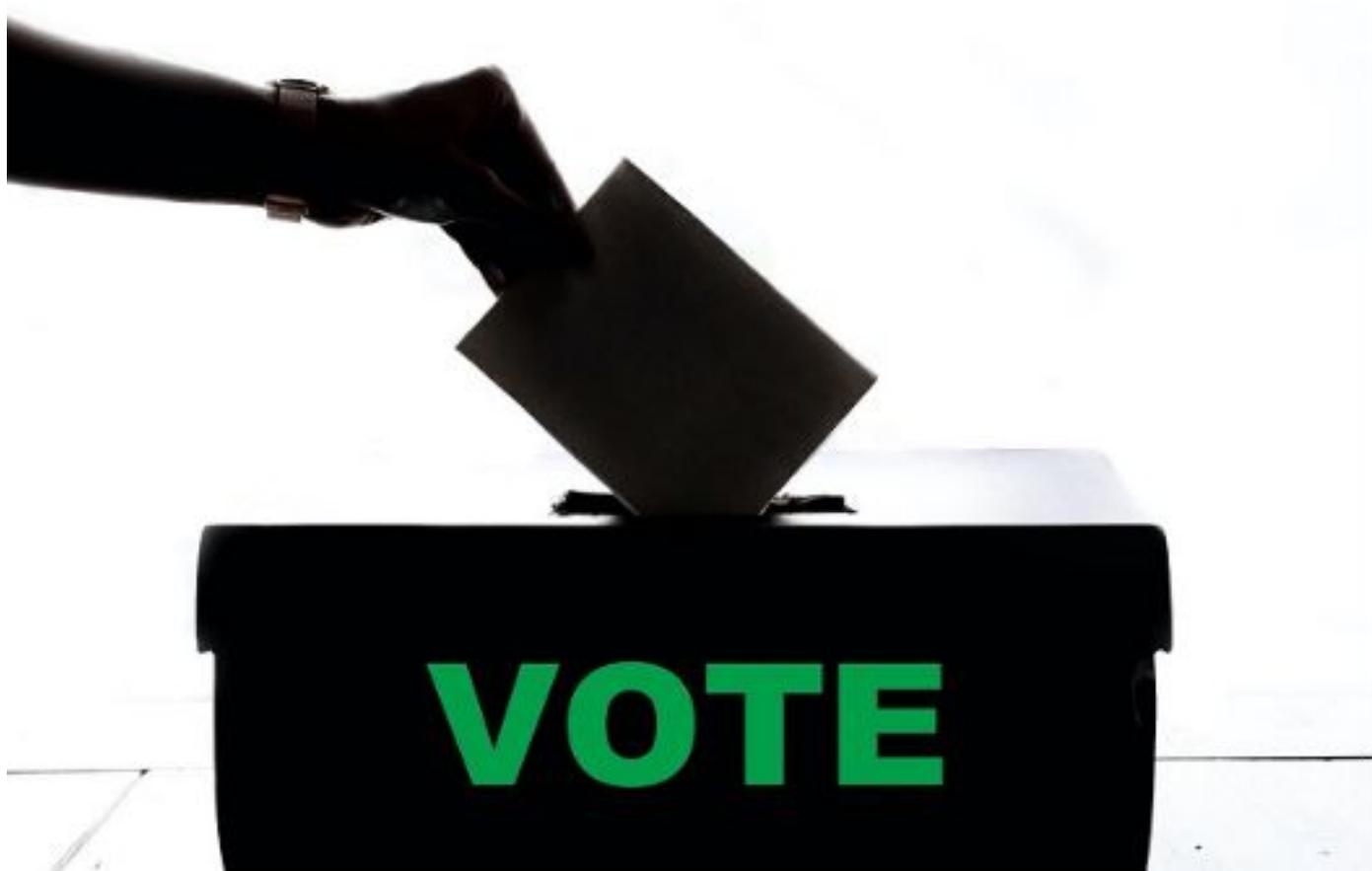


Image Description: ballot box





**Congratulations!**

# Looking Ahead: ESAC 2023-34





**THANK YOU for all you do to help AISD be green!**

