

***CITIZENS
FACILITIES
ADVISORY COMMITTEE***



**Meeting #5
June 7, 2022**

Agenda

- 1.Meeting #4 Recap
- 2.Carpenter ES Tour
- 3.Curriculum & Instruction Report
- 4.Safety & Security Report
- 5.Transportation Report
- 6.Small Group Compare & Share
- 7.CFAC Recap & Look Ahead
- 8.Questions & Closing



Plan for Today's Meeting

Using the handout provided, please write down your top 2 takeaways from each presentation tonight.

After the departmental presentations, there will be time to compare and share with your table.

Each group will choose a representative to share their table's key takeaways with the larger group.



MEETING 4 RECAP



Grading Criteria Decision

Urgency of Need 25%	Benefit 20%	Value 20%	Equity 25%	Competitiveness 10%
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We will use these weights in our project prioritization exercises in future meetings.

Go, Slow, No Feedback

GO	SLOW	NO
• 5 x A/V Upgrades • 5 x CTE Center • 5 x Weiss Weight Room • 5 x Wire the Pfield • 4 x Fiber • 3 x Technology for Staff • 3 x Washer/Dryer @ Connally • 2 x Tennis Concessions & Restrooms • 2 x Turf for practice fields • 1 to 1 devices • Finish Fine Arts projects that were included in previous bonds • Kilns at ES campuses • PAC • Scoreboard	• 3 x 1 to 1 devices • 2 x CTE Center • 2 x Turf • Band Hall Expansions • Fiber • Fine Arts Requests (all) • Golf Practice Facility • Kilns for ES Campuses • PAC • Scoreboards • need prices • need more information on 1 to 1 devices for ES campuses, more hands-on learning • how much money is left from 2018 bond?	• 8 x PAC • 3 x Golf Practice Facility • 2 x Kilns • 2 x Tennis Concessions and Restrooms • 1 to 1 devices • 1 to 1 devices for ES students • Arts • CTE • Wrestling Room

CARPENTER ES TOUR



Feedback from Tour

Using the provided handout, please rate the following:

1. **First Impressions** ☆☆☆☆☆
2. **Safety** ☆☆☆☆☆
3. **Accessibility** ☆☆☆☆☆
4. **Engaging Learning Environments** ☆☆☆☆☆
5. **Opportunities for Creativity** ☆☆☆☆☆
6. **Collaborative Learning and Teaching Opportunities** ☆☆☆☆☆
7. **Community Access** ☆☆☆☆☆



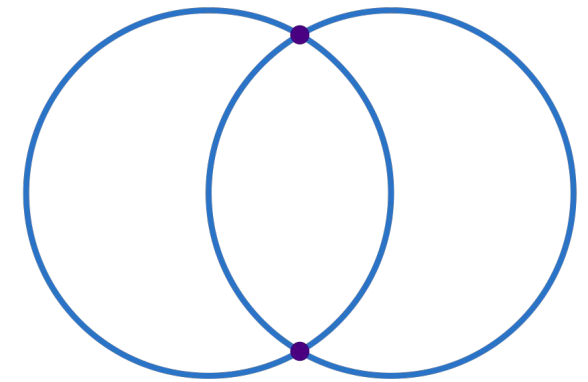
CURRICULUM & INSTRUCTION (C&I) REPORT



Curriculum and Instruction

Points of Comparison

- First Impressions
- Safety
- Accessibility (ADA, ease of traversing the campus)
- Engaging Learning Environments
- Opportunities for Creativity
- Collaborative Learning and Teaching Opportunities
- Community Access (parking, access for events, etc.)



How are they alike?

How are they different?

What are your key takeaways from your tours?

SAFETY & SECURITY REPORT



Health and Safety Services

CFAC Presentation
June 7, 2022

Denise Petherbridge, MSN, RN
Ryan Ricke

Areas Served: Safety

Cameras

Badge Access

Clocks

Intrusion systems (Door contacts, Window breaks, motion detection)

Bells

PA/Intercom Systems

Fire Systems

District Two Way Radio Communications

DRILL COMPLIANCE

The mandatory school drills rule is projected to become effective on May 17, 2022

Drill	Frequency
• Secure (Lockout)	1 per school year
• Lockdown	2 per school year (<i>one per semester</i>)
• Evacuate	1 per school year
• Shelter-in-Place (<i>for hazmat</i>)	1 per school year
• Shelter for Severe Weather	1 per school year
• Fire Evacuation*	4 per school year (<i>two per semester</i>)

*In addition, school districts and open-enrollment charter schools should consult with their local fire marshal and comply with their local fire marshal's requirements and recommendations.

Additional Badge Readers

We need to proactively take precautions with persons entering our facilities. Access control systems (badge readers) help to keep everyone accountable. Different access levels are set up based on location, job title and hours worked. As personnel come and go, issuing or revoking access can be controlled immediately.

Each campus - need additional badge readers to eliminate the need for exterior door keys for staff members

Rock Gym - currently does not have any readers

Calvary - new to district, no badge readers currently

Schedule Activation Readers need to be added to campuses to give staff the ability to override and lock front doors that are on a auto unlock schedule.

Replace IDH Max Reader/Lockset combos - mostly located on bookrooms, mechanical/electrical rooms. They are reaching end of life and are failing.

Change Exterior Cores

As we transition to additional badge readers, there is no need for exterior door keys for general staff. Administrative staff would still have exterior keys.

As staff leave, not all keys have been returned. Sometimes keys are missing or stolen.

The locks would be changed to a new key and some (if allowed by the FD) will be changed with a blank core.

Doing this would allow for improved safety and security of the buildings.

Replace End Of Life Campus Intrusion Panels

Replace unsupported Napco Intrusion Panels with Bosch Controllers to be integrated into the newly updated access control system to exactly locate every alarm in real time, enabling a faster response to any incident.

Additional Intrusion Control Devices

The addition of exterior door contacts on every exterior door. This will allow the access control and intrusion system to monitor the state of the door. With these contacts installed, it will allow the system to send notifications on the door status i.e. door held, door forced and door used.

Glass break detectors on campuses with large amounts of windows.

Additional Cameras

Rock Gym and the Calvary building do not have cameras at this time

Administration and Pfield have limited camera monitoring

Due to a survey of campus administrators, security officers and the PfISD Police Department, the following campuses need additional cameras due to some areas that are not fully covered:

CMS

KLMS

DMS

PCMS

Camera Servers

Cameras on the campuses: Videos are saved for up to 30 days

For special education cameras, Senate Bill 507 requires a school district or charter school to keep the recorded video and audio for at least six months after it was recorded.

We will need additional servers to support Technology with the storage needs of the district cameras.

Updated Fire Panels

After a review of our current fire alarm panels, due to age, by a contractor, the Fire Department, and district staff, 3 district buildings have been determined to need new fire alarm panels. As the current panels are meeting end of life and are either too costly to repair or unable to be repaired. If a panel is not in service, the district is required to provide fire watch while the building is occupied.

CHS

Old Transportation Building

PACE

Update Clocks to Digital

An accurate reliable synchronized clock system is important for the operational efficiency of a K-12 school. In schools, a synchronized clock and bell system is important because so many events occur throughout the day in which students and teachers must rely on accurate synchronized time.

The following campuses need to upgrade their clock system to a synchronized digital system. The current system is nearing end of life on these campuses:

CES

DRES

HPES

RBES

RES

VMES

WHS

Full Intercom System Replacement and Clock Updates

As previously discussed, an accurate reliable synchronized clock system is important for the operational efficiency of the campus. As the clock, bell and intercom system integrates, the following campuses will need a full update to these systems as the intercom systems are also meeting end of life and are failing in areas of the campus.

DMS

PCMS

CHS

HHS

PHS

Administration and Support Services currently do not have an intercom system to warn of events.

Kitchen Speakers

Staff and students need to be able to hear announcements and also alarms/drill information. Due to the nature of the continuous noise level, one is unable to hear from the speakers in the main cafeteria seating area. The following campuses will need to have speakers installed:

PMS Kitchen Area

TES Kitchen Area

PHS Kitchen Area

KLMS Kitchen Area and Serving Line

CWES Serving Line

ROES Serving Line

District Owned Radio Communication Towers

Add 4 Radio towers across the district.

These would be networked together to give better communication to the campus safety radios, including first responders.

This would allow for direct communication to other campuses from district level personnel when cell phones have limited connectivity.

This would also give greater communication coverage for the transportation department while within approximately 25 miles of the district.

This has the potential to allow other departments to utilize radios for communication and eliminate cell phone usage.

Replacement of Doors

Replace any exterior door on a district facility that is unable to be repaired. Some doors may be able to be opened without a key/badge and should be replaced to maintain safety.

Q&A / REFLECTION

(5 minutes)



TRANSPORTATION REPORT



2021-2022 TRANSPORTATION Review



191 Bus Fleet

Special Education



Passenger Capacity: **47**
46 Bluebirds
7 Internationals
53 Gasoline Buses

General Education



Passenger Capacity: **71**
98 Bluebirds
Passenger Capacity: **77**
24 Internationals
122 Gasoline Buses

Microbus



Passenger Capacity: **14**
5 Bluebird Gasoline Buses

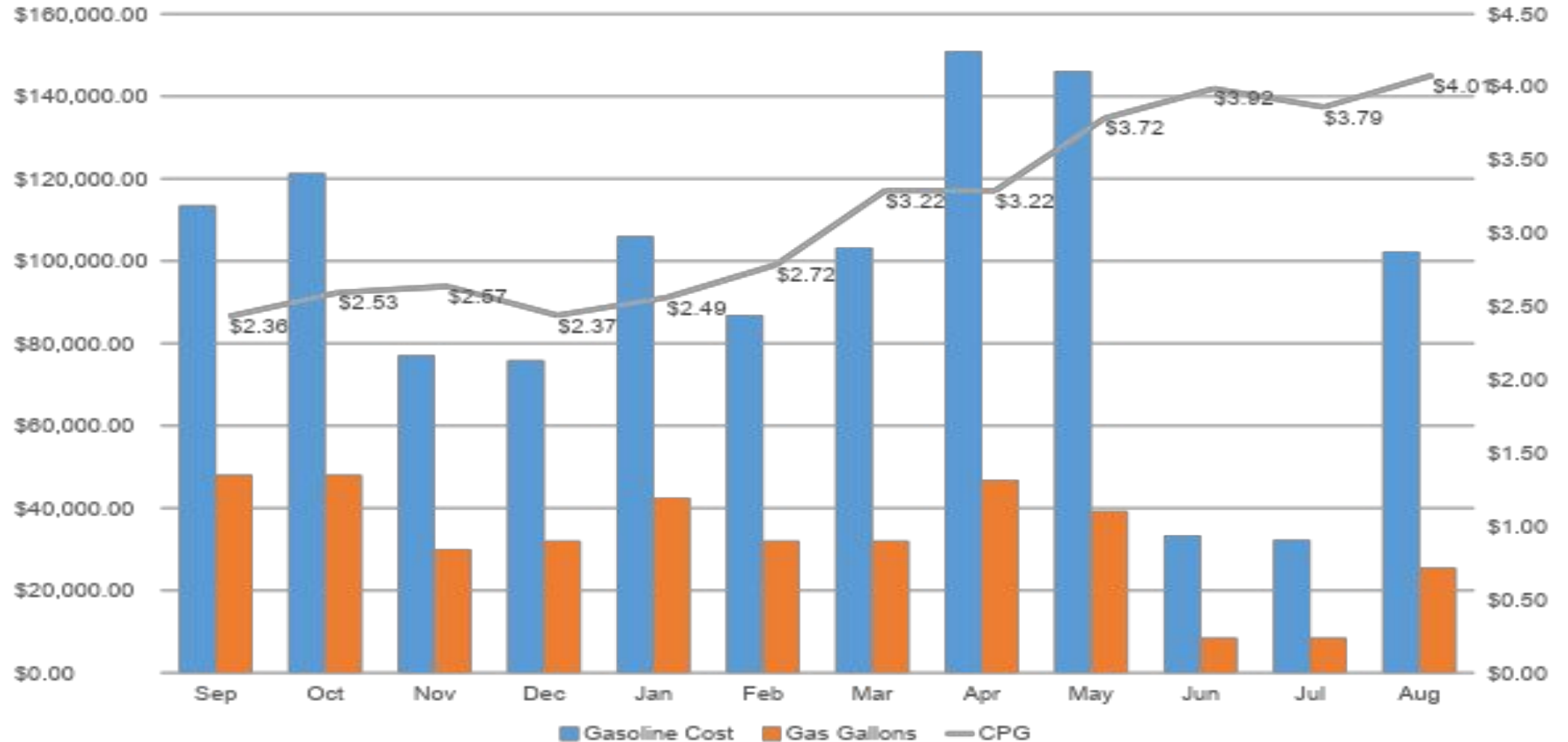
Activity



Passenger Capacity: **84**
9 Bluebirds
2 Internationals
11 Diesel Buses

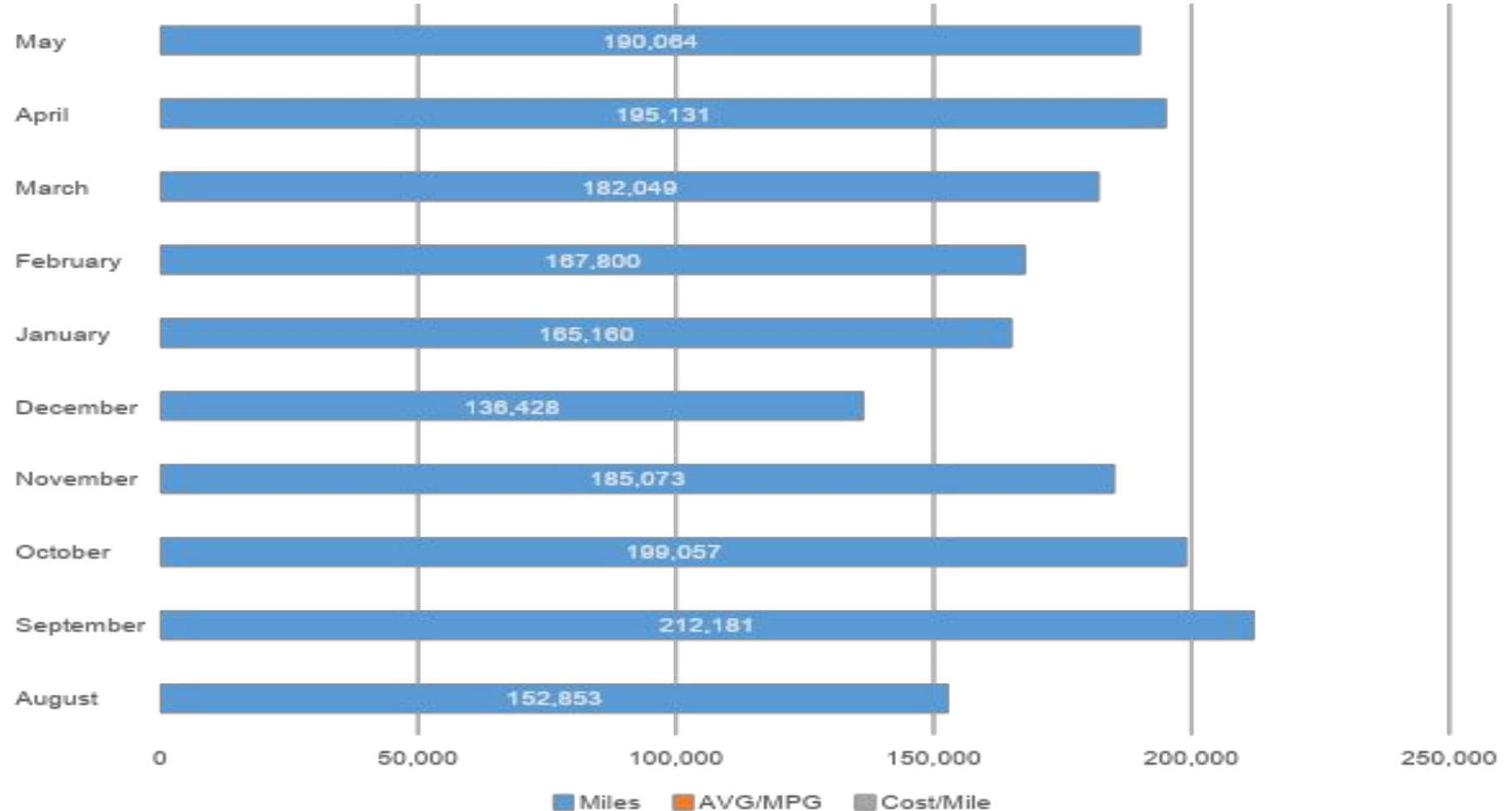
Fuel Data

21-22 Gasoline Data



Bus Fleet Miles

21-22 Fleet Miles



Quarterly Comparisons

	Sep-Nov	Dec-Feb	Mar-May
Description	Q1	Q2	Q3
Number of Days per Quarter	57	45	55
Bus Runs	321	293	310
Miles	596,311	469,389	567,244
Routes	124	118	108
Student Ridership	7,413	7,343	6,776
Fuel gallons	125,869	106,511	121,820
Fuel Costs	\$316,307	\$295,350	\$415,459
Fuel Avg Cost per Gallon	\$2.51	\$2.77	\$3.41
Fuel Avg Cost per Mile	\$0.53	\$0.63	\$0.73
On-time Performance AM	98%	99%	98%
On-time Performance PM	81%	85%	82%
Staffing-Drivers Vacancies	50	54	48
Staffing-Monitors	13	12	10
Staffing-Office/shop	4	8	6
Avg Daily Miles	10,462	10,431	10,314
Avg Daily Gallons of Fuel	2,208	2,367	2,215

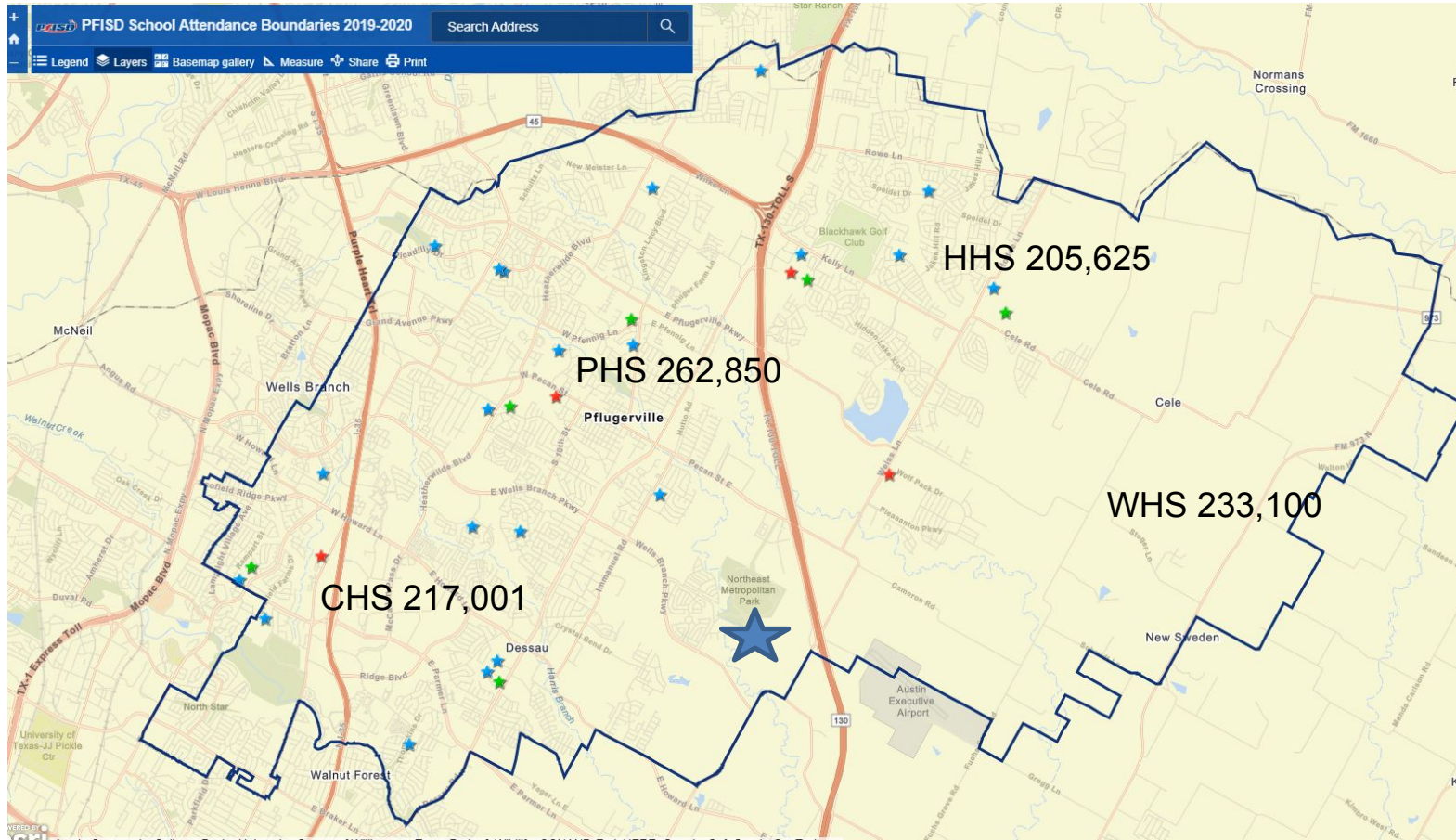
October Snapshot Data

Campus	Enrollment	Number of Sped Runs	Actual Sped Riders	Number of GenEd Runs	Actual GenEd Riders	Total Runs	Total Riders	% Eligible/ Total	% Actual/ Eligible	% Actual/ Total
Pflugerville HS	1,856	10	31	9	308	19	339	51.7%	35.3%	18.3%
Connally HS	1,794	9	62	18	633	27	695	91.8%	42.2%	38.7%
Hendrickson HS	2,116	5	21	13	492	18	513	63.2%	38.3%	24.2%
Weiss HS	2,266	5	17	29	1,015	34	1,032	94.6%	48.1%	45.5%
Opportunity Center	80			6	57	6	57	100.0%	71.3%	71.3%
Pace	32	5	21			5	21	100.0%	65.6%	65.6%
IJAEP	2			1	1	1	1	0.0%	50.0%	0.0%
Pflugerville MS	860	4	8	10	282	14	290	58.8%	57.3%	33.7%
Westview MS	665	4	11	11	355	15	366	89.5%	61.5%	55.0%
Park Crest MS	883	4	14	7	223	11	237	55.4%	48.5%	26.8%
Dessau MS	726	3	16	12	423	15	439	93.4%	64.7%	60.5%
Kelly Lane MS	1,040	3	9	8	271	11	280	51.9%	51.9%	26.9%
Cele MS	734	3	12	12	452	15	464	100.0%	63.2%	63.2%
Bohls MS	738	2	3	14	459	16	462	93.2%	67.2%	62.6%
Pflugerville ES	412	1	4	2	95	3	99	60.2%	39.9%	24.0%
Parmer Lane ES	465	2	4	3	111	5	115	68.0%	36.4%	24.7%
Timmerman ES	440	2	18	2	63	4	81	58.6%	31.4%	18.4%
Northwest ES	423	1	8	4	126	5	134	69.7%	45.4%	31.7%
Dessau ES	587	2	12	6	268	8	280	90.8%	52.5%	47.7%
Windermere ES	683	3	28	5	124	8	152	63.0%	35.3%	22.3%
River Oaks ES	378	2	23	5	179	7	202	99.7%	53.6%	53.4%
Brookhollow ES	394	2	9	2	40	4	49	41.6%	29.9%	12.4%
Spring Hill ES	500	1	1	1	17	2	18	25.2%	14.3%	3.6%
Copperfield ES	497	2	16	4	128	6	144	63.8%	45.4%	29.0%
Murchison ES	792	1	6	0	0	1	6	11.7%	6.5%	0.8%
Delco ES	504	1	5	7	208	8	213	88.3%	47.9%	42.3%
Caldwell ES	560	2	12	4	127	6	139	67.0%	37.1%	24.8%
Rowe Lane ES	835	1	9	2	78	3	87	33.2%	31.4%	10.4%
Highland Park ES	708	2	9	4	104	6	113	49.9%	32.0%	16.0%
Wieland ES	385	3	20	2	15	5	35	36.4%	25.0%	9.1%
Riojas ES	886	2	9	5	179	7	188	62.9%	33.8%	21.2%
Barron ES	584	2	16	2	59	4	75	36.5%	35.2%	12.8%
Dearing ES	607	2	8	7	244	9	252	100.0%	41.5%	41.5%
Mott ES	826	1	10	11	437	12	447	100.0%	54.1%	54.1%
Carpenter ES	475	1	4	3	82	4	86	45.3%	40.0%	18.1%
	25,769	94	457	234	7,662	328	8,119	68.4%	46.0%	31.5%

October Snapshot Data

Campus	Annual Gallons of Fuel	GenEd Annual Miles	Sped Annual Miles	Total Campus Annual Miles	GenEd Miles/Run	Sped Miles/Run	Annual Costs per Campus	Cost per Student	GenEd Annual Cost per Run	Sped Annual Cost per Run
PHS	9,730	45,325	36,173	81,498	30.9	20.7	\$492,819	\$1,454	\$31,406	\$21,016
CHS	18,165	69,825	31,220	101,045	28.8	19.8	\$709,081	\$1,020	\$29,316	\$20,154
HHS	12,425	62,125	23,555	85,680	27.3	26.9	\$497,801	\$970	\$27,765	\$27,371
WHS	30,765	152,950	33,915	186,865	30.3	38.8	\$1,090,769	\$1,057	\$30,818	\$39,409
OC	13,160	59,500	22,698	82,198	62.7	0.0	\$514,170	\$9,021	\$63,716	\$0
PACE	0	0	31,553	31,553	0.0	36.1	\$183,320	\$8,730	\$0	\$36,664
PMS	7,700	38,325	15,313	53,638	22.0	21.9	\$312,651	\$1,078	\$22,369	\$22,241
WMS	6,125	30,625	9,853	40,478	15.9	14.1	\$235,174	\$643	\$16,176	\$14,311
PCMS	3,745	18,725	11,795	30,520	15.3	16.9	\$177,321	\$748	\$15,542	\$17,132
DMS	5,425	27,125	7,035	34,160	12.9	13.4	\$198,470	\$452	\$13,133	\$13,624
KLMS	4,515	22,575	7,945	30,520	16.1	15.1	\$177,321	\$633	\$16,395	\$15,387
CMS	6,895	34,650	12,810	47,460	16.4	24.4	\$274,726	\$592	\$16,692	\$24,809
BMS	13,720	68,600	8,890	77,490	28.0	25.4	\$450,217	\$974	\$28,469	\$25,825
PES	1,120	5,600	14,613	20,213	16.0	83.5	\$117,435	\$1,186	\$16,268	\$84,899
PLES	2,660	13,300	7,105	20,405	25.3	20.3	\$118,553	\$1,031	\$25,758	\$20,640
TES	1,540	7,700	11,218	18,918	22.0	32.1	\$109,911	\$1,357	\$22,369	\$32,587
NES	2,450	12,250	6,755	19,005	17.5	38.6	\$110,419	\$824	\$17,793	\$39,247
DES	3,255	16,275	8,313	24,588	15.5	23.8	\$142,853	\$510	\$15,760	\$24,148
WES	7,070	32,025	14,823	46,848	40.4	28.2	\$291,502	\$1,918	\$41,077	\$28,706
ROES	4,165	20,825	15,750	36,575	23.8	45.0	\$212,501	\$1,052	\$24,199	\$45,754
BES	1,540	7,700	16,538	24,238	22.0	47.3	\$140,820	\$2,874	\$22,369	\$48,041
SHES	700	3,500	8,348	11,848	20.0	47.7	\$68,834	\$3,824	\$20,335	\$48,499
CES	1,610	8,050	8,610	16,660	11.5	24.6	\$96,795	\$672	\$11,693	\$25,012
MES	0	0	10,308	10,308	0.0	58.9	\$59,887	\$9,981	\$0	\$59,887
WDES	3,185	15,925	4,323	20,248	13.0	24.7	\$117,638	\$552	\$13,218	\$25,114
CWES	3,360	25,900	18,043	43,943	24.0	51.6	\$202,435	\$1,456	\$24,402	\$52,413
RLES	1,960	9,800	9,380	19,180	28.0	53.6	\$111,436	\$1,281	\$28,469	\$54,498
HPES	4,095	20,475	7,963	28,438	29.3	22.8	\$165,222	\$1,462	\$29,740	\$23,131
WLLES	5,250	16,450	16,625	33,075	75.0	31.7	\$249,104	\$7,117	\$76,256	\$32,197
RES	8,645	37,975	16,713	54,688	49.4	47.8	\$348,237	\$1,852	\$50,227	\$48,550
RBES	1,330	6,825	16,625	23,450	19.0	47.5	\$135,228	\$1,803	\$19,318	\$48,296
DRES	7,210	36,225	10,203	46,428	29.4	29.2	\$268,727	\$1,066	\$29,922	\$29,638
VMES	12,425	62,125	12,390	74,515	32.3	70.8	\$432,932	\$969	\$32,813	\$71,986
JCES	3,710	18,375	8,260	26,635	35.3	47.2	\$155,766	\$1,811	\$35,925	\$47,991
	209,650	1,007,650	542,658	1,550,308	25.6	33.0	\$9,243,173	\$1,138	\$26,027	\$33,541

Deadhead Miles per Feeder Pattern



Future Fleet Purchases

PFISD Bus Replacement Plan							
When a bus reaches 100,000 miles or 12 years (which ever comes first), the bus is retired from routes and placed in the sub-bus category. These buses will be used for temporary assignments and local activity transportation services. New buses will be purchased to replace route needs.							
When a bus reaches 200,000 miles or 15 years (which ever comes first), the bus will be retired from the fleet and replaced with the purchase of a new bus. Based on the condition of the vehicle at this time will determine if it will be sold, auctioned, or salvaged.							
Route Growth is calculated at 5% annually. Spare factor is 20%. Field trip buses is equal to the number of buses after calculating the number of routes + the spare factor. [(Number of routes +Spare buses) - (Total Fleet count = Field Trip buses)].							
When to start purchasing buses and how many at a time.							
Year	Purchase	Add	Replace	Fleet total	Routes	Spares	Field Trip
2026	2	2		193	140	28	25
2027	6	6		199	147	29	23
2028	16	16		215	154	31	30
2029	20	20		235	162	32	41
2030	23	23		258	170	34	54
2031	20	20		278	179	36	64
2032	20	20		298	188	38	73
2033	15	9	6	301	197	39	65
2034	11	5	6	300	207	41	52
2035	4	4	4	300	217	43	39
2036	5	5	5	300	228	46	26
	142	130	21				

Bond Considerations

Add Another Transportation Facility

- Alternative Fuel Infrastructure
- Electric Buses / Propane
- Reduction of Deadhead Miles
- Reduction of Traffic Congestion
- Combat the Fuel Dependency

Apply for EPA Grant

- Offset future fleet purchases
- Offset infrastructure of alternative fuels
- Reduce our carbon footprint

The Clean School Bus Program was signed into law as part of the bipartisan infrastructure bill on Nov. 15, 2021. It provides \$5 billion over five years split evenly for the replacement of zero- and low-emission school buses.



Bond Considerations

Driver Alerts/Communications

- Unlimited Driver Alerts on the SMART tag™ tablet
- Unlimited Two-Way Driver Alerts on the SMART tag table

Parent Alerts/Notifications

- Mobile number lookup service (per student) - verifies if emergency phone number in student record is a mobile number in order to send Parent Notifications via text.
- Parent Portal/Mobile App monthly access with activity/history view

Campus Portal

- Campus Portal monthly access to view Bus Ridership, Bus GPS, Schedule adherence, Student Search -

**COMMUNICATION PRICING \$240,873 Installation and
First Year Annual Recurring Costs \$77,704**



Q&A / REFLECTION

(5 minutes)



SMALL GROUP COMPARE & SHARE



Small Group Compare & Share

At your table, share your top two takeaways from each of tonight's departmental presentations.

- Take note of any recurring observations.
- Discuss similarities and differences in your responses.

Select a spokesperson to share the key messages from your discussion with the larger group.

**10
minutes**

CFAC RECAP & LOOKING AHEAD



What's Been Completed

Completed:

- District Overview & History
- School Finance 101
- Elementary Tours
- Departmental Reports
 - CTE
 - Technology
 - Fine Arts
 - Athletics
 - Curriculum & Instruction
 - Safety & Security
 - Transportation



What's To Come

Upcoming:

- District Needs with Dr. Killian
- Facility Assessment Report
- Potential Project Prioritization
 - without costs
 - with costs
- Community Survey
- Bonding Capacity Discussion



Next Meeting

Meeting #6

Tuesday, June 21

6 p.m.

PfISD Admin Building

1401 West Pecan

Tentative Agenda

- District Needs with Dr. Killian
- Facility Assessment Report
- Financial Discussion
- Prioritization by Factors



Questions?



Thank you!

