



AN EARLY COLLEGE DISTRICT

BROWNSVILLE

INDEPENDENT SCHOOL DISTRICT

January 25, 2023, 5:30 p.m.

Facilities Committee Meeting

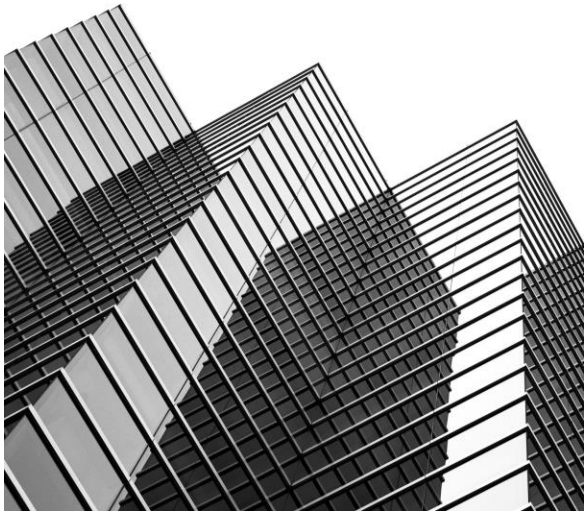
BISD Boardroom

Dr. Rene Gutierrez, Superintendent of Schools
Dr. Nellie Cantu, Deputy Superintendent



Facilities Committee Members:

- ✓ Jessica Gonzalez, Chair
- ✓ Frank Ortiz Vice-Chair
- ✓ Eddie Garcia, Member



Today's Agenda

A. Completed Projects

1. Canales Elementary Portables
2. LIBRO Library Renovations
3. Mini-Gyms Phase I (10 Campuses)
4. Middle School Bleachers
5. Sams Stadium Speaker System
6. Faulk Sidewalk Improvement
7. Elementary Playground Installation
8. Veterans Memorial ECHS Driveway
9. Rivera ECHS Library Windows

B. Update on Ongoing Projects

1. Sams Stadium (Parking)
2. Elementary Mini-Gyms Phase II (9 Campuses)
3. Resaca Technology Center
4. FNS Freezer and Refrigerator Project
5. Central Office Paving Project
6. LED Lighting Updates
7. Transportation Fueling Station
8. Hanna Parking Lot Expansion
9. Besteiro Middle School Safety Concern
10. Rivera ECHS
 - a. Stairway Railing
11. Hanna Gas Line Phase II

C. Maintenance Department Updates

1. Intercom Project District-Wide
2. BPUB Electricity Rate Updates
3. Vermillion ES Roof Repairs



(Continued)

D. Air Quality Improvement Projects

1. Update on HVAC System

E. Athletic Department Updates

1. Middle School Scoreboards
2. Middle School Tracks (7 remaining)
3. High School Softball Field Bleachers

F. Discussions of Unfunded Projects

1. Roof Repairs District-Wide
2. Sams Stadium Track Resurfacing & Concrete Sealing
3. Veterans Memorial ECHS - **PRIORITY**
 - a. Stadium Scoreboard
 - b. Stadium Sound System
 - c. Stadium Rebranding
 - d. Press Box and Ticket Booth – Visitors Side
4. Benavidez Elementary
 - a. Parking Lot Expansion
 - b. Portable Renovation (2 building/4 Classrooms)
5. Paredes Drainage for Portable
6. Oliveira Band Hall Re-Roofing Project
7. Elementary Canopies – Benavidez, Paredes Skinner & Ortiz
8. ECHS Tennis Courts

G. Discussions Items

1. Elementary Stages/ADA Compliance
2. Draper Road (BPUB)
3. Veterans Water Connection
4. Cromack Water Connection (BPUB Request)



Canales Elementary School Portables Building Additions

Initial Project was completed but recently due to high winds a tree fell on top of it so now it is being updated.



Literacy Innovations for Book Reading Opportunities (LIBRO)



Porter ECHS Updates



Porter ECHS Library





Elementary

Mini-Gyms Phase I

A/C

Insulate and seal envelope of existing mini-gym building

Restrooms

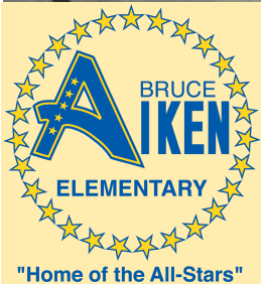
Elementary Mini-Gym – Phase I

Phase I completed elementary mini-gyms:

1. Aiken Elementary School
2. Champion Elementary School
3. Del Castillo Elementary School
4. Egly Elementary School
5. El Jardin Elementary School
6. Gonzales Elementary School
7. Morningside Elementary School
8. Perez Elementary School
9. Palm Grove Elementary School
10. Vermillion Elementary School



Elementary Mini-Gym – Phase I



Middle School Bleachers



Project is 100% Complete!

- All concrete slabs have been poured and bleachers have been placed.
- Installation began October 31 and continue through November 4, 2022.
- Project goal: 200 ADA compliant aluminum seating for football/soccer and 100 ADA compliant for softball.

Sams Stadium Sound System

- ❑ The sound system amplifier racks have been installed.
- ❑ All mid-range and high-range amplifiers have been replaced.
- ❑ New fans have been installed in the rack to reduce corrosion and prolong the life of the components.
- ❑ The Sams Stadium speaker system is operating at 100%.
- ❑ **Great news!** – Due to the numerous issues with the jumbotron, VCRNow will be replacing it with a new one.

15





Faulk MS Sidewalk Improvements

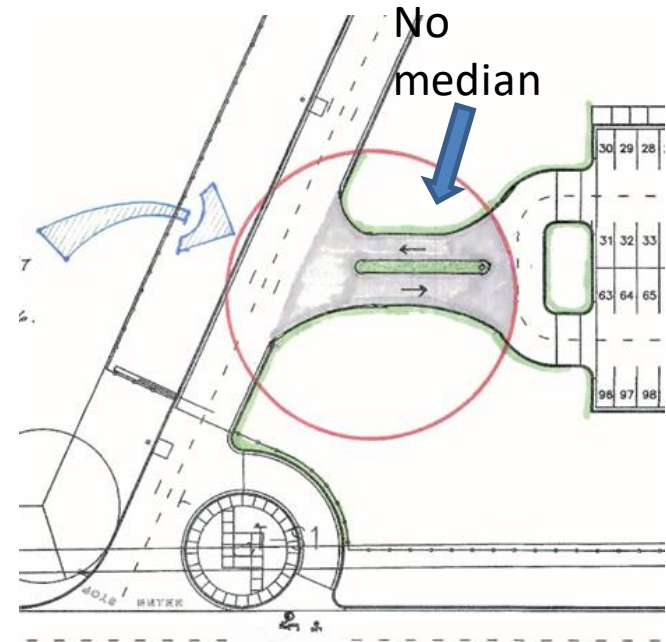


Elementary Playground Installations



Proposed Veterans Memorial ECHS Driveway

- ❑ **Purpose:** connects existing parking with interior side street.
- ❑ **Problem:** City Fire Marshall has called for removal of cones that block traffic on public right-away.
- ❑ **Solution:** Construct a new two-way concrete paved entry, with a turning lane, to and from existing parking lot.
- ❑ Drawings completed in-house
- ❑ Selection of contractor on bid
- ❑ Approx. Estimated Cost: \$100,000
- ❑ Construction will begin this month.



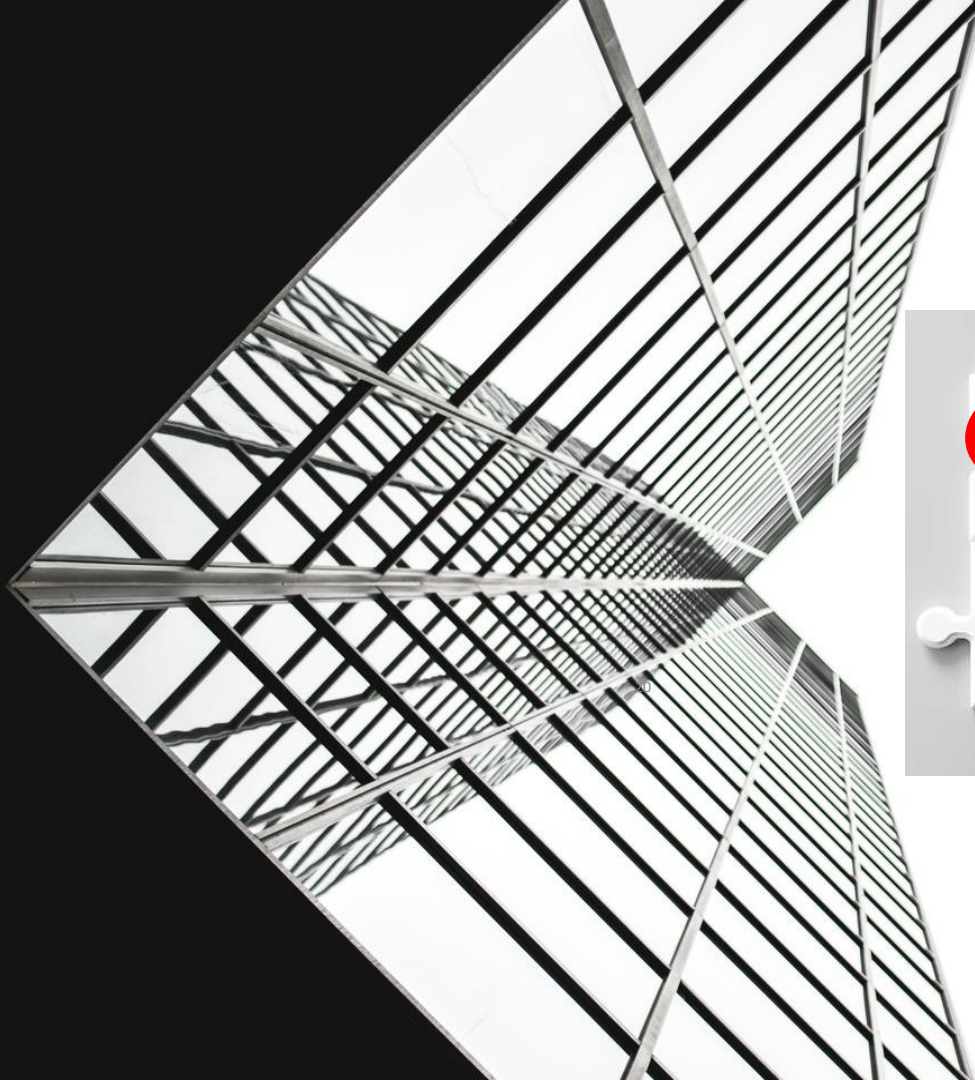


Rivera ECHS Library Windows

Total projected cost: \$43,000
Purchase Order Processed

- ❖ Contractor ordered windows
- ❖ Estimated delivery of materials – last week of December
- ❖ Replace windows the week of January 2, 2023
- ❖ **Pending item:** Film to cover windows to be completed by Media Services



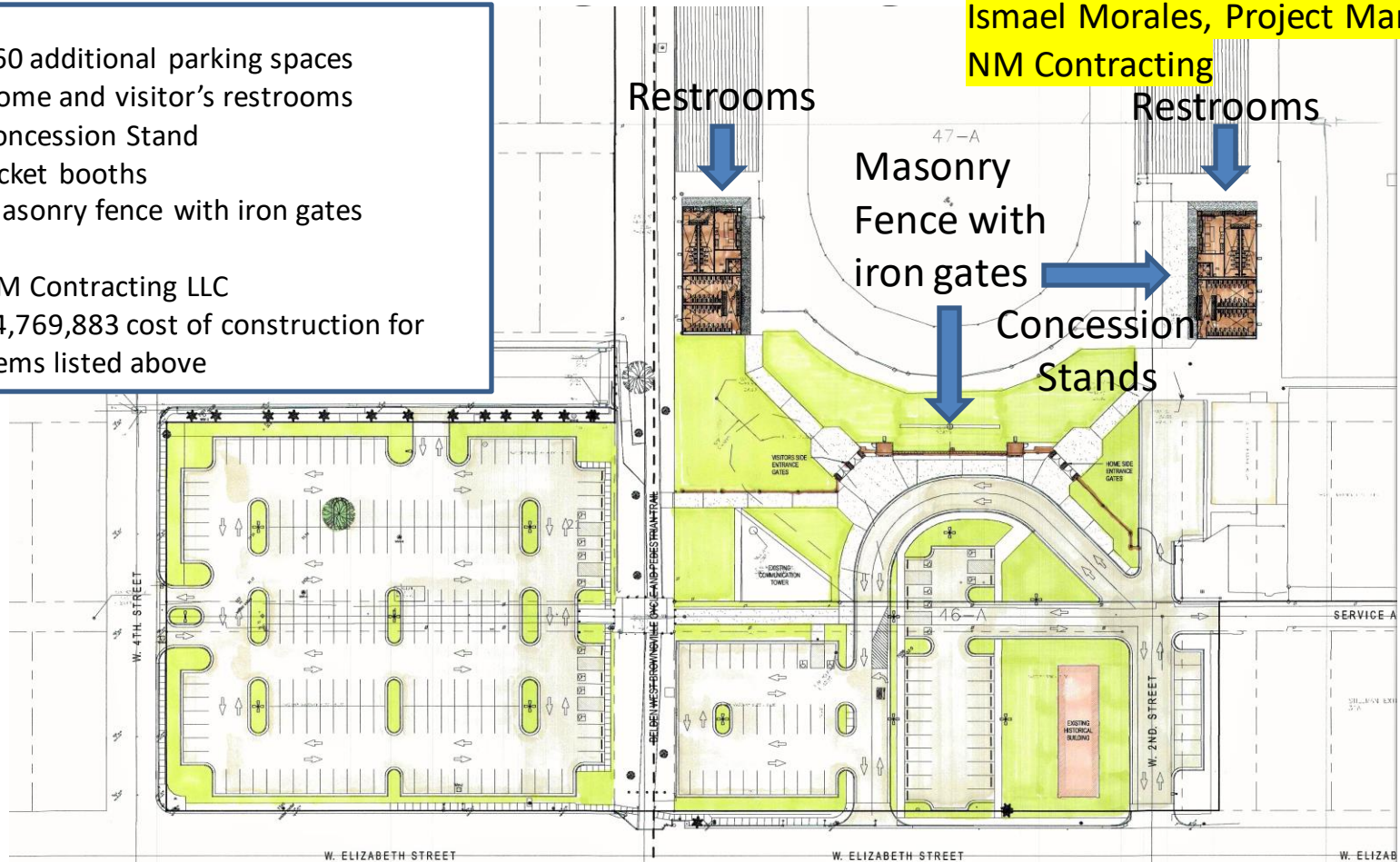


Sams Stadium Project Overview

- ❑ 260 additional parking spaces
- ❑ Home and visitor's restrooms
- ❑ Concession Stand
- ❑ Ticket booths
- ❑ Masonry fence with iron gates

- NM Contracting LLC
- \$4,769,883 cost of construction for items listed above

Ismael Morales, Project Manager
NM Contracting



Sams Stadium Updates

Parking Lot Improvements

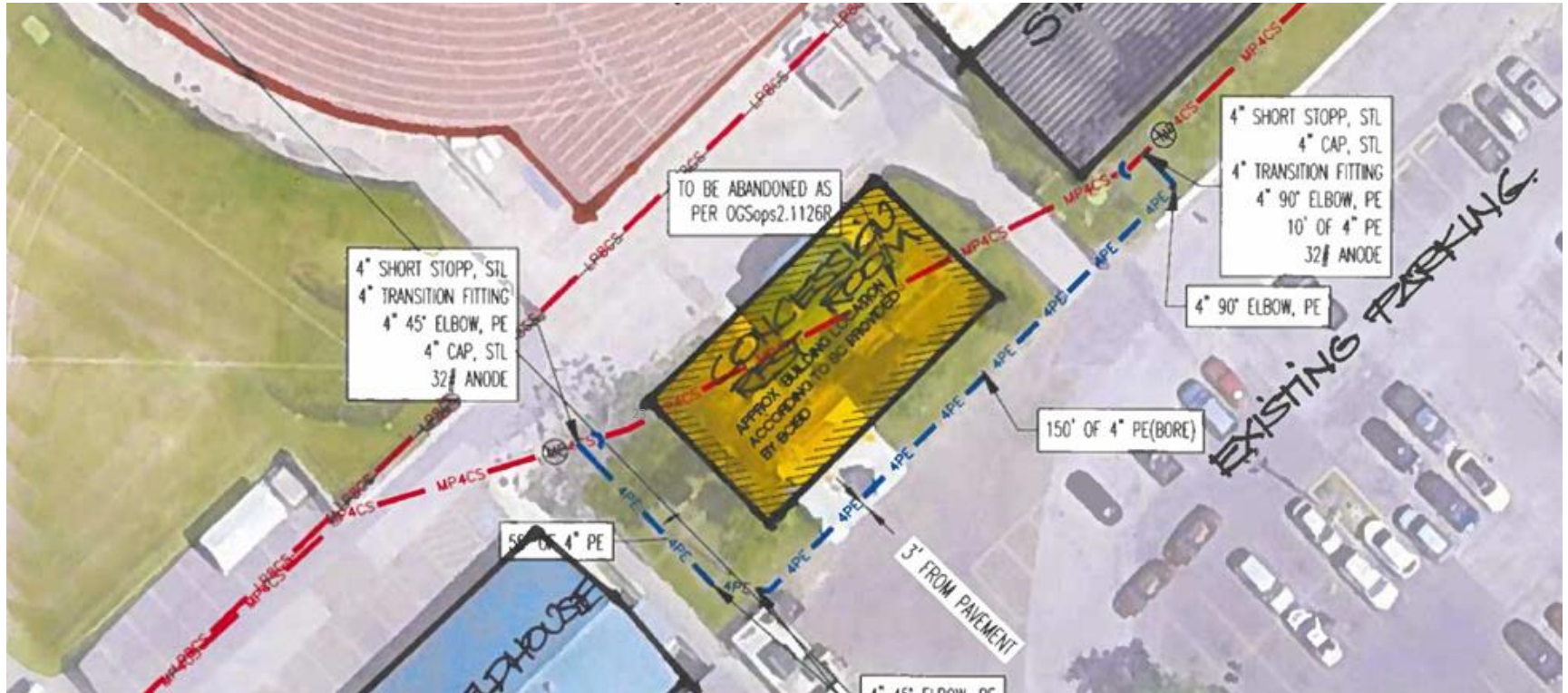
- ❑ Gas company will begin to relocated gas line (cost \$13,500)
- ❑ Construct of concrete pads for restroom concession ongoing.
- ❑ BPUB provided electrical hookup. Contractors are working to make all necessary connections.
- ❑ Underground containers are being installed at two of the four locations
- ❑ Number 2 container has been prepared with a gravel lining for installation.



Landreth Building Retrofit

Maintenance and facility department preparing to begin renovations of historical building

Sams Stadium – Gas Line Relocation Concession/Restroom Area



Elementary Mini-Gyms – Phase II

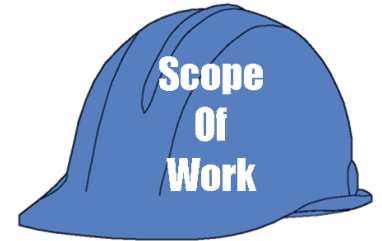
1. Benavides
2. Burns
3. Canales
4. Gallegos
5. Garden Park
6. Hudson
7. Ortiz
8. Skinner
9. Yturria



Elementary Mini-Gyms – Phase II

The project allocation amount is to include the following improvements and additions:

- Air-condition existing mini-gym building
- Provide new LED lighting.
- Insulate and seal envelope of existing mini-gym building.
- Frame and finish interior walls.
- Remove clearatory window and overhead doors.
- Construct new bathrooms and mechanical room
- Demolition of surrounding existing improvements.
- architect/engineering fees, testing and printing



Elementary Mini-Gyms Phase II – Nine (9) Campuses

Engineer: HALFF & Assoc.

Contractor: SCOGGINS Construction

The list represents the elementary mini-gyms second phase.

- 1. *Benavides Elementary School*** 75% overall; concrete modular units 100%, metal roof was installed and are “dry in”. Interior demolition, Electrical and Plumbing rough ins are 100%, ceiling insulation @ 90%, Drywall installation in progress.
- 2. *Burns Elementary School*** : 75% overall, concrete modular units 100%, metal roof installed and are "dry in", interior demolition 100%, Electrical and plumbing rough ins completed, metal roof completed.
- 3. *Canales Elementary School:*** 60% overall, concrete modular units 100%, Concrete slab 100%, interior demolition completed. Installation of roof purlins @ 75% .
- 4. *Gallegos Elementary School*** , 75% overall concrete modular units 100%, metal roof was installed and are “dry in”. Interior demolition, Electrical and Plumbing rough ins are 100%, ceiling insulation @ 90%, Drywall installation in progress.

Elementary Mini-Gyms Phase II – Continued

5. **Garden Park Elementary School** 75% overall; concrete modular units 100%, metal roof was installed and are “dry in”. Interior demolition, Electrical and Plumbing rough ins are 100%, ceiling insulation @ 90%, Drywall installation in progress.
6. **Hudson Elementary School** 75% overall; concrete modular units 100%, metal roof completed and are "dry in" , interior demolition 100%, Electrical and plumbing rough ins completed, installation of roof purlins in progress.
7. **Ortiz Elementary School** , 75% overall; concrete modular units 100%, metal roof was installed and are “dry in”. Interior demolition, Electrical and Plumbing rough ins are 100%, ceiling insulation @ 90%, Drywall installation in progress.
8. **Yturria Elementary School** , 75%overall; concrete modular units 100%, metal roof was installed and are “dry in”. Interior demolition, Electrical and Plumbing rough ins are 100%, ceiling insulation @ 90%, Drywall installation in progress.
9. **Skinner Elementary School** – evaluating and completing needs assessment

Elementary Mini-Gyms Phase II



Elementary Mini-Gyms Phase II



Ortiz Elementary

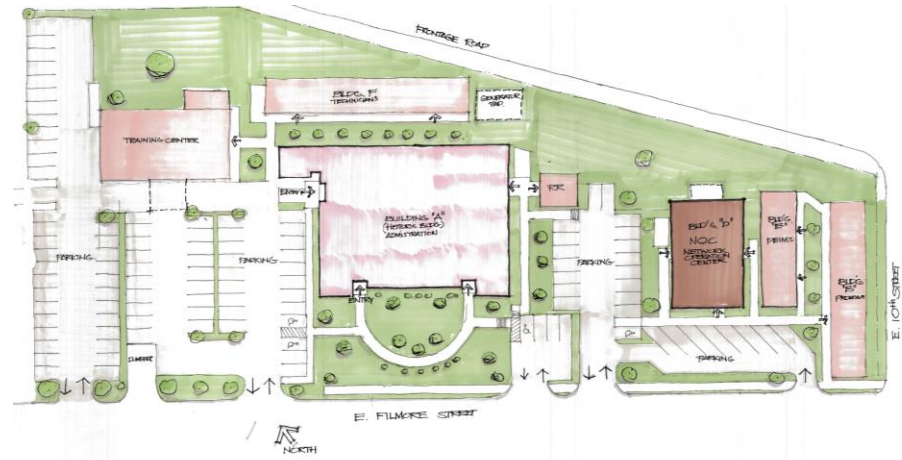
Yturria Elementary



Resaca Technology Center



Resaca Technology Center



This BISD project is a coordinated efforts with various departments Technology, Facility, Purchasing, and Maintenance Departments.

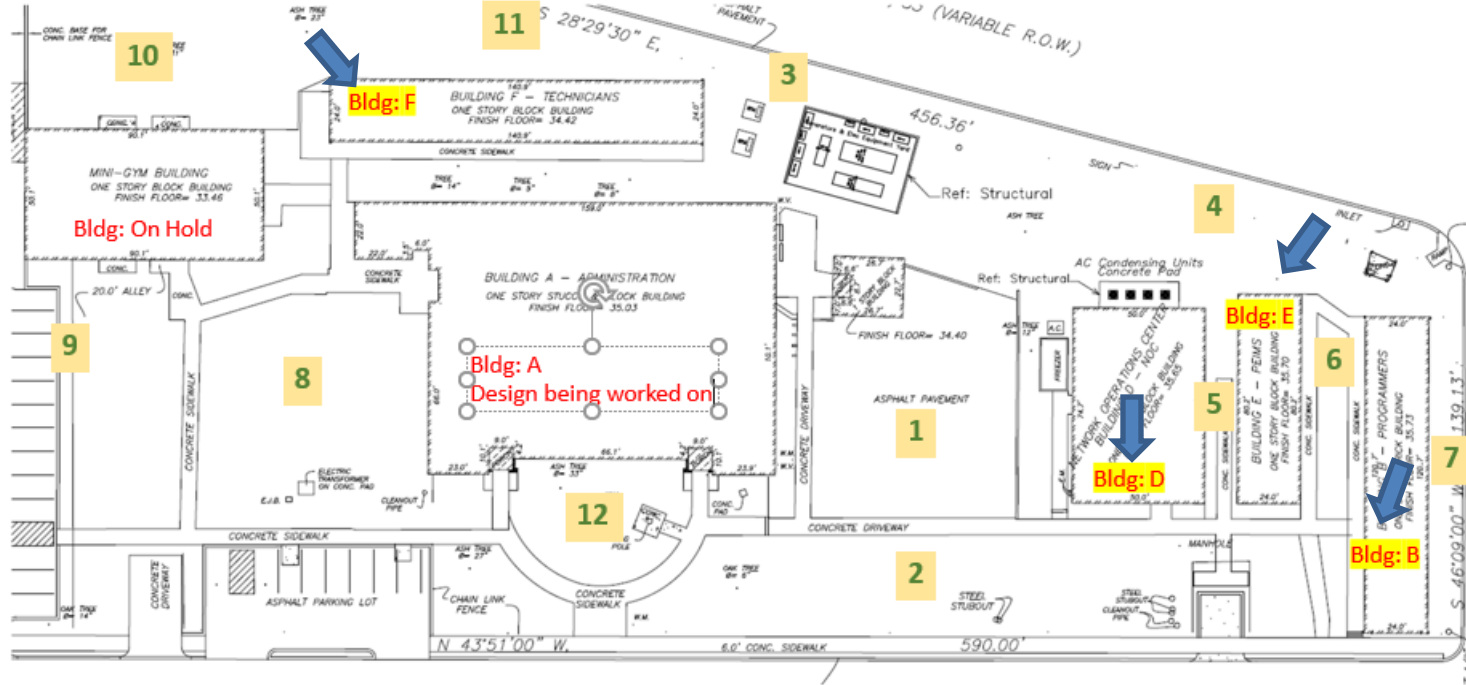
These departments are designing and are providing production of drawings. They assess, provide procurement and installation of materials. Administration is providing on-site coordination and providing day to day oversight of this project = 30,765 square feet

Resaca Technology Center Overview



Roof work currently being performed at Building A,B,C, and D

Resaca Technology Center



Buildings **B, D, E, and F** are finished out. (painted walls, new lay-in ceiling, new floors, light fixtures, restrooms etc.) As built drawings are complete. Demolition has begun at main building. Site contractor is providing new services to buildings (electrical, sewer and water). Building pad are under construction. Civil Engineer has provided schematic layout for site improvements.

Resaca Technology Center Timeline

2021

- **November 12** Asbestos survey for existing portables completed by Terracon
- **December 13** Drawings completed for demolition.

2022

- **January 27** Approval for glazing for classrooms.
- **February 14** Received proposal from Sigma Engineers to design a new network hot isle containment system.
- **February 22** Awarded demolition contract
- **March 3** BISD awarded roof replacement to American Contracting Inc.
- **March 31** Received clearance permits from city to begin demolition
- **April 5** Provided meets and bounds to proceed with survey.
- **April 8** Purchased doors and hardware.

Resaca Technology Center Timeline *(Continued)*

- **April 12** PO processed to American contractors for roofing replacement
- **May 5** Submitted plans to Juan Velez, City of Brownsville Historical Preservation
- **May 5** Revised plans by SIGMA Electrical engineers to reflect upgrades and changes to generator and ATS. Generator ordered and due in June of 2023
- **July 21** Substantial completion for R.L. Abatement
- **August 18** Asbestos report complete for Building "A"
- **August 30** Demolition, and haul of debris
- **September 2** Received building permits for buildings B,D,E, and F
- **September 15** Buy board for HVAC equipment, projected arrival May of 2023
- **September 23** A Technology center pad layouts was sent to Raba Kristner for testing F.F. +35
- **November 29** Final engineering design for site parking and drainage approved.

Targeted Construction Dates for 2023

- **January** BPUB relocated electrical service for campus building service
- **February** Complete roof of all buildings
- **February** Complete exterior painting of all buildings on site
- **February** Begin paving of parking
- **April** Complete finish out of Building "A", Main Historical building
- **May** Completion of site paving, new sidewalks and exterior lighting.
- **May** Installation of roof top units on all buildings (manufacture's specified delivery time)
- **June** Generator installation (manufacture's specified delivery time)
- **July** Three phase electrical connection to all buildings
- **August** Test and Balance of all buildings, final trim work and punch list corrections.
- **September** Substantial Completion/Certificate of Occupancy

Resaca Technology Center

Trainers Wing HVAC Upgrade



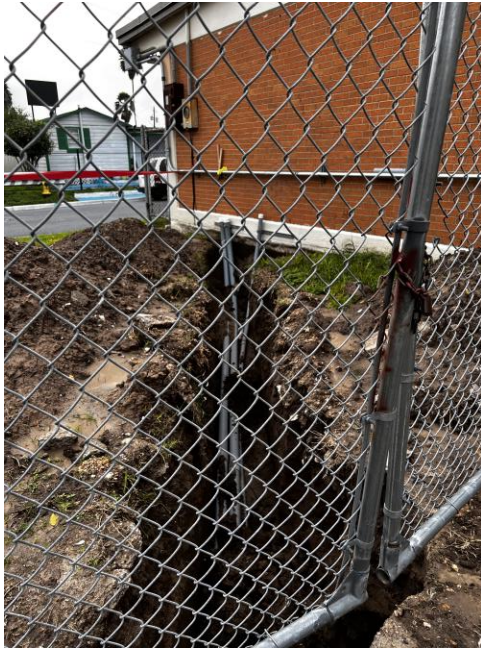
Resaca Technology Center



Generator/Transformer Pad

Resaca Technology Center

Power and Fire Alarm Conduit Paths



Resaca Technology Center



Main Building - Office Upgrade

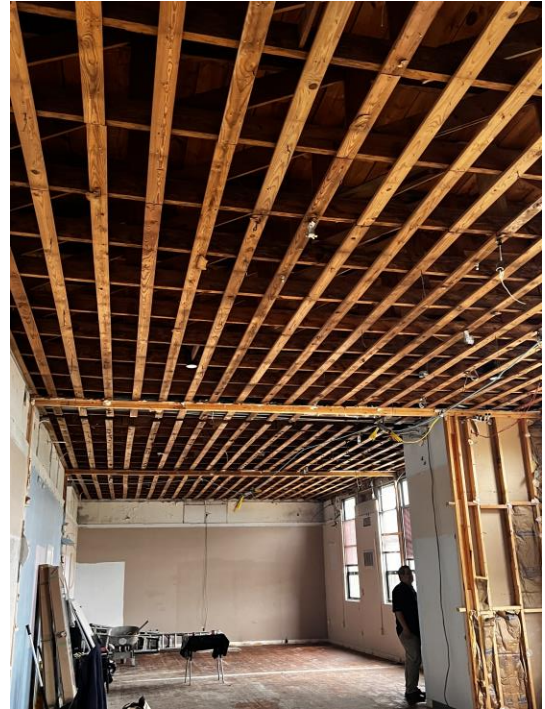
Resaca Technology Center



**Main Building
Old Library**



Main Building Classrooms



Food and Nutrition Services (FNS) Freezer/Refrigeration Project



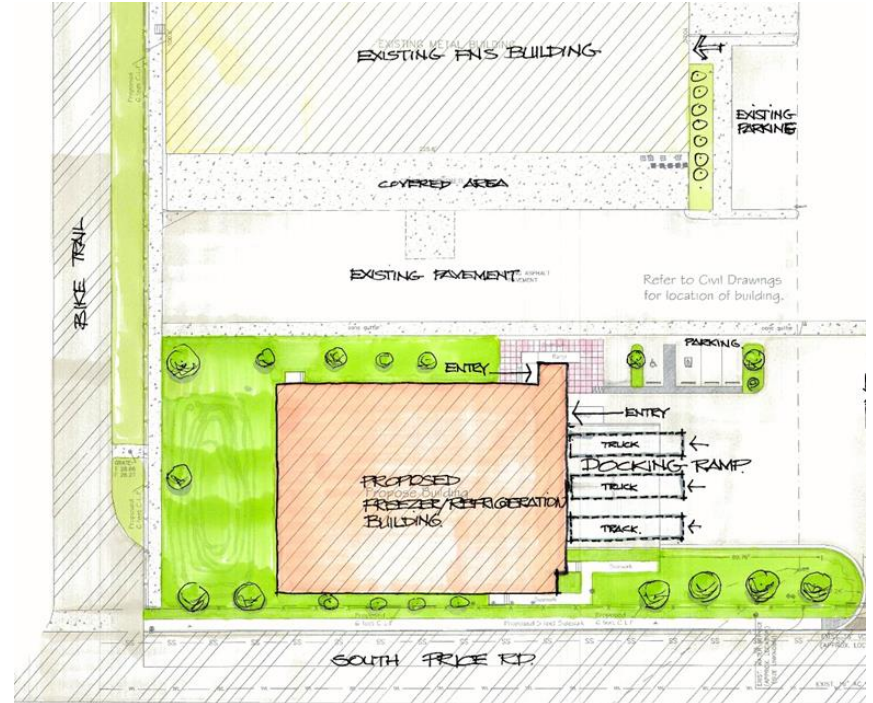
Package is ready to go to bid.

Awaiting Musk Approval of
\$1.5M

District Allocation: \$2M

**Total approx. estimated
project cost:
\$3.5M**

FNS Freezer/Refrigerator Project



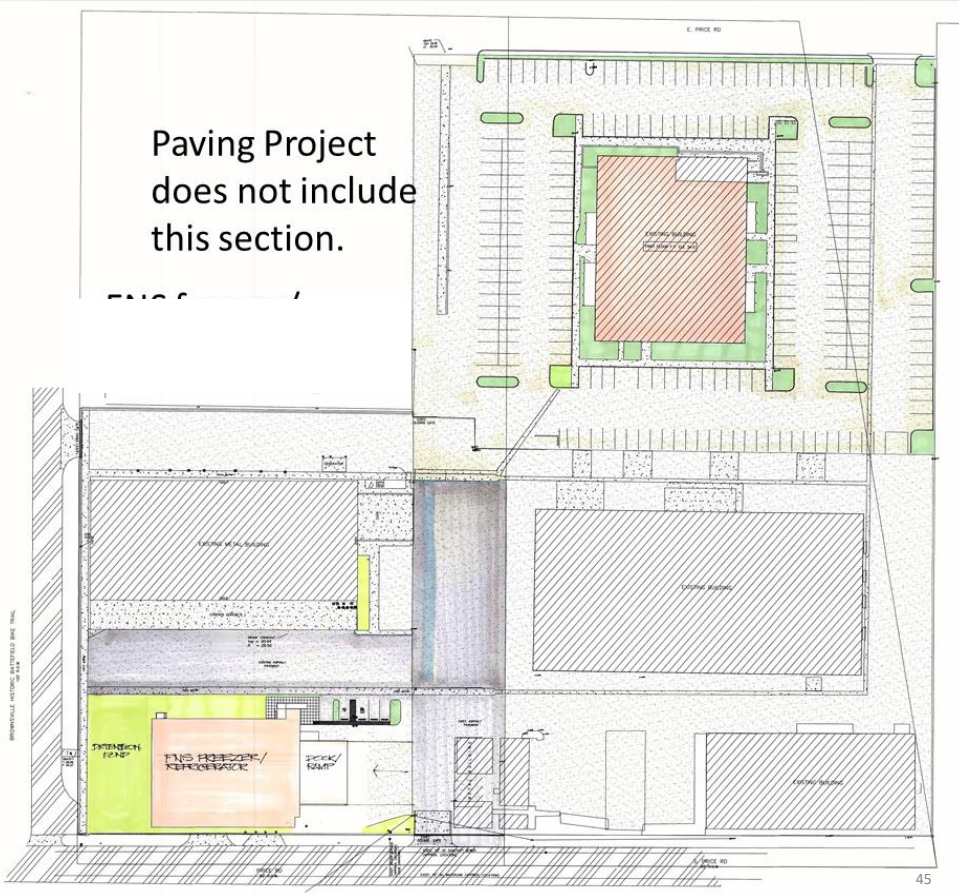
Central Office Paving Project



Budget: 100% Local

Cost: \$600,000

Paving Project
does not include
this section.



Timeline:

1st Advertisement

Sun., August 28, 2022

2nd Advertisement

Sun., September 4, 2022

Bid Opening

Tues. - September 20, 2022

Ranking Process by Committee

Wed. - September 21, 2022

Recommendation to Board

Tues.- October 4, 2022

Work began January 16, 2023

LED Lighting Project



Engineer: ETHOS Engineering.

Contractor: FSG Lighting

- ❑ Replacing existing campus wide lighting luminaires with latest **energy efficient technology** light emitting diode (LED) lighting systems.
- ❑ We received a proposal and agreement from ETHOS engineering services for lighting upgrades for three campuses (The Burns ES., Egly ES. and Vermillion ES). They concurred that by assessing the different type of campuses would provide us with sampling that would be beneficial in addressing the needs of similar campuses.
- ❑ **Vermillion Elementary** campus consists of fourteen building structures; Administration Building, Cafetorium, Library, and eleven classroom wings for an approximation of 105,900 total building square feet.
- ❑ **Perez Elementary** campus consists of thirteen building structures; Administration Building, Cafetorium, ten classroom wings and library for an approximation of 94,100 total building square feet.

LED Lighting Project *(Continued)*

- ❑ **Egly Elementary** campus consists of thirteen building structures; Administration Building, Cafetorium, Library, ten classroom wings and ten portable buildings for an approximation of 115,700 total building square feet.
- ❑ **Present progress at all 3 schools**
- ❑ Interior lighting system at 100% .
- ❑ All exterior lighting/poles/ pole heads/wall packs at all schools are complete.
- ❑ Main panels and wiring complete.
- ❑ Sub panels installation completed during Christmas break.



LED Lighting Updates

Electrical Panel Upgrades



Transportation Fueling Station



Above Ground Fueling Station

Transportation Fueling Station

- ❖ Drawings packages
- ❖ Project will go out for bid in April
- ❖ Seek board approval in May
- ❖ Construction begins May 2023
- ❖ Estimated completion December 2023
- ❖ Engineering and consulting services
- ❖ Allocation: \$400,000 (not a quote, estimated cost, pre-pandemic)



Hanna Parking Lot Expansion



Additional Parking at Hanna ECCHS (New Gym) Existing Gym Parking C (242 parking spaces)



- ❑ New Parking Part A– (118 parking spaces) estimated cost = \$600,000
- ❑ Total parking with the addition of section A = 360 parking spaces.
- ❑ Survey is underway. Schematic drawing will be provided by GMS Architects.
- ❑ GMS Architect has been contracted and currently working on schematic design. Survey is underway.





Besteiro Middle School Alteration

Fire code compliance at stairway enclosure and classroom corridor.

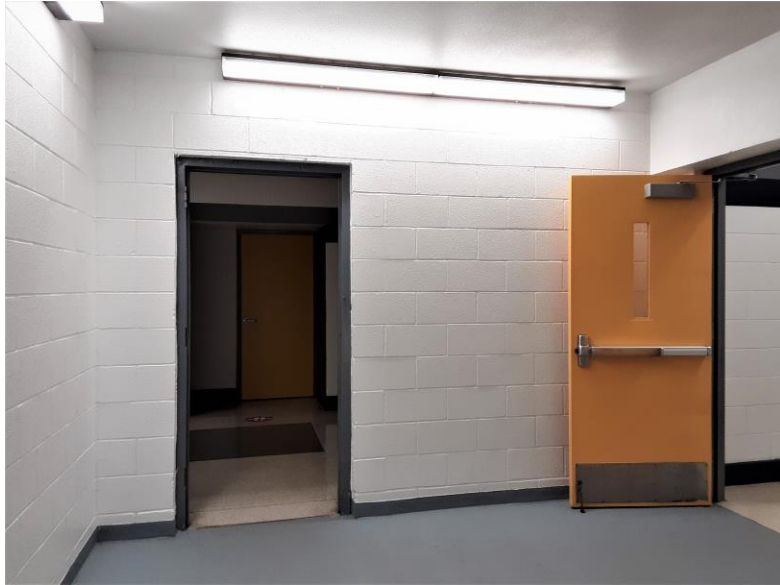
The second story double loaded corridor of the classroom **wing has only one exit for students**. This unsafe condition will require the enlargement of the single doorway to double acting doors which will seal the fire rated walls of the stairwell exit.

This is a serious egress problem at the second story classroom wing addition. The connecting door is 36" wide that leads into the fire-escape where a wider doorway is required. This problem occurs when classes recess moving the number of occupants to the only exist funneling off the corridor into the vestibule of the stairwell.

The attach drawing proposes to widen doorway adding another door. The trick is to remove the of three masonry layers of wall and insert structural lintel. Double acting hollow metal doors with automatic closer required by fire marshal...\$19,000

Besteiro Middle School Alteration

Fire code compliance at stairway enclosure and classroom corridor. Only means of egress to safety.



Before

Single door egress



After

Double fire rated doors to be installed.
They have a delivery date of 30 days



RAIDERS

Rivera ECHS Stairway Rail

Estimated Cost: \$130,000
Purchase Order Processed

- ❖ Rail Panels are being completed and installed
- ❖ Aluminum glass frames are on order and will be installed as part of wall assembly



Covered bottom railing to prevent students from climbing the rail and will add approx. 4 ft. of plexiglass to the top of the railing.



Hanna Phase II – Gas Line Relocation at Concession/Restroom Area



Ongoing Project

- Contractor is working at facility



MAINTENANCE DEPARTMENT

Updates





Intercom Project District Wide

Final Punch List process is in progress addressing request for each campus as needed. The rest of schools are schedule and installation continue as planned.

NOTE: 13 campus are not considered in this 1st phase of the project. Updated proposal was presented to Administration for review and resolution.

Intercom Installation Progress

provided by Insight
January 10, 2023



ITEM	School Name	PHASE				Accepted 5% Retainage	NOTES
		Pre Walkthrough 5%	Installation cabling/HW 40%	Cutover Operational 45%	Post troubleshot 5%		
1	AIKEN ELEMENTARY						schedule final punchlist
2	BEN BRITE ELEMENTARY						pending remediation
3	BURNS ELEMENTARY						Pending Observation Report
4	CANALES ELEMENTARY						Pending new Portable addition
5	CASTANEDA ELEMENTARY						Need to schedule remediation
6	CHAMPION ELEMENTARY						Schedule final punchlist
7	CROMACK ELEMENTARY						Need to schedule remediation
8	DEL CASTILLO ELEMENTARY						Pending Observation Report
9	EGLY ELEMENTARY						pending remediation
10	GALLEGOS ELEMENTARY						Pending Observation Report
11	GARDEN PARK ELEMENTARY						Pending Observation Report
12	GONZALES ELEMENTARY						Pending Observation Report
13	KELLER ELEMENTARY						Pending Observation Report
14	MARTIN ELEMENTARY						pending remediation
15	ORTIZ ELEMENTARY						pending observation report
16	PAREDES ELEMENTARY						pending closeout
17	PENA ELEMENTARY						pending remediation
18	PEREZ ELEMENTARY						pending observation report
19	PULLAM ELEMENTARY						pending observation report
20	RUSSELL ELEMENTARY						Pending Observation Report
21	SHARP ELEMENTARY						Pending Observation Report
22	SKINNER ELEMENTARY						Pending
23	SOUTHMOST ELEMENTARY						pending remediation
24	VILLA NUEVA ELEMENTARY						Pending Observation Report
25	YTURRIA ELEMENTARY						pending observation report
26	BESTEIRO MIDDLE SCHOOL						schedule final punch list
27	FAULK MIDDLE SCHOOL						Pending Observation Report
28	GARCIA MIDDLE SCHOOL						schedule final punch list
29	EDDIE LUCIO MIDDLE SCHOOL						schedule final punch list
30	MANZANO MIDDLE SCHOOL						Pending Observation Report
31	OLIVEIRA MIDDLE SCHOOL						pending observation report
32	PERKINS MIDDLE SCHOOL						schedule final punch list
33	STELL MIDDLE SCHOOL						pending observation report
34	VELA MIDDLE SCHOOL						pending observation report
35	BROWNSVILLE EARLY COLLEGE HIGH SCHOOL						pending observation report
36	HANNA EARLY COLLEGE HIGH SCHOOL						pending access for remediation
37	PACE EARLY COLLEGE HIGH SCHOOL						pending observation report
38	PORTER EARLY COLLEGE HIGH SCHOOL						pending Library remodel plan
39	CUMMINGS MIDDLE SCHOOL						start date jan 16th
40	LINCOLN PARK HIGH SCHOOL						need to schedule remediation
41	VERMILLION						Complete

	Gym Remodel	
	Completed	
	In Progress	
	In Queue to start	
	Pending for observation report	
	High Priority	
	Wiring replacement	58



Intercom Project Updates

- ❖ Walkthroughs at completed campus are being conducted.
- ❖ Punch list, remediation and, pending items are being corrected.
- ❖ "Cutovers" schedule in progress (see chart).
- ❖ Communication with school Administrators to address campus needs.





B R O W N S V I L L E
PUBLIC UTILITIES BOARD



Electricity Rates Updates



(3 campuses) Vela MS, Lucio MS, El Jardin ES.

3 positives &
2 negatives

Energy Smart Corporation



PO Box 22084 Hot Springs, AR 71903 www.energysmartcorp.com Office: (501) 760-6444, Cell (501) 617-4777

BPUB (Brownsville Public Utilities Board):

- 1. Positive:** Most significant is that BPUB provided a discount (excluding fuel and purchased energy charges— FPEC). This lowered BISD's electricity cost by some \$540,000 per year and will continue into the future on one-year terms until either party provides notice to discontinue. The discount was achieved because BPUB was some twenty-five percent (25%) higher than Texas retail energy providers (REPs) for power provided through AEP lines.
- 2. Positive:** BPUB was also finally forced to account for the overcharges made to pay for a power plant that was never constructed. The repayment to their customers is calculated to be a base rate cost reduction of some twenty-two percent (22%) with eleven percent (11%) reduction in 2022 and an additional eleven percent (11%) in 2023. This means that around June of 2023, BISD can expect additional savings of over one million dollars (\$1,000,000).

Energy Smart Corporation



PO Box 22084 Hot Springs, AR 71903 www.energysmartcorp.com Office: (501) 760-6444, Cell (501) 617-4777

BPUB (Brownsville Public Utilities Board):

- 3. Positive:** BPUB has allowed BISD to change tariffs without the one-year wait normally imposed and without a charge or penalty of any kind. BISD has several accounts that vary from month to month from almost 500 kW of demand to slightly over 500 kW of demand. Some accounts can save whenever demands exceed 500 kW by switching to the GSLD tariff. BPUB has agreed to change from one tariff to a more cost-effective tariff simply by an email request.

- 4. Negative:** The biggest negative due to BPUB is their rapidly increasing FPEC charges. As you can see by the following chart, BPUB was consistent with a fuel and purchased energy charge of \$0.02952 for many years. However, due primarily to a huge spike in fuel costs relating to the hard freeze in Texas in February of 2021, both fuel and purchased energy costs skyrocketed to levels not previously seen.

Energy Smart Corporation



Historical Data on Fuel Costs

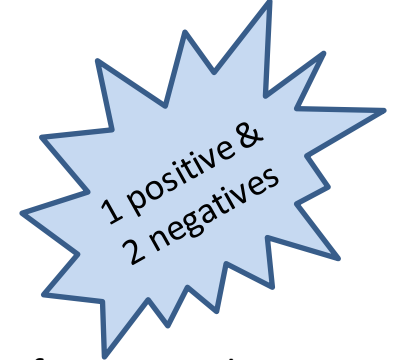
	2017	2018	2019	2020	2021	2022	2023
Jan	\$0.02952	\$0.02952	\$0.02952	\$0.02952	\$0.02952	\$0.03779	\$0.07360
Feb	\$0.02952	\$0.02952	\$0.02952	\$0.02952	\$0.02952	\$0.04055	
Mar	\$0.02952	\$0.02952	\$0.02952	\$0.02952	\$0.02952	\$0.04055	
Apr	\$0.02952	\$0.02952	\$0.02952	\$0.02952	\$0.02952	\$0.04055	
May	\$0.02952	\$0.02952	\$0.02952	\$0.02952	\$0.02952	\$0.04461	
Jun	\$0.02952	\$0.02952	\$0.02952	\$0.02952	\$0.02952	\$0.05353	
Jul	\$0.02952	\$0.02952	\$0.02952	\$0.02952	\$0.02952	\$0.06424	
Aug	\$0.02952	\$0.02952	\$0.02952	\$0.02952	\$0.02952	\$0.07708	
Sept	\$0.02952	\$0.02952	\$0.02952	\$0.02952	\$0.02952	\$0.08093	
Oct	\$0.02952	\$0.02952	\$0.02952	\$0.02952	\$0.02952	\$0.08093	
Nov	\$0.02952	\$0.02952	\$0.02952	\$0.02952	\$0.03228	\$0.07747	
Dec	\$0.02952	\$0.02952	\$0.02952	\$0.02952	\$0.03504	\$0.07360	

Energy Smart Corporation



- 5. Negative:** ESC has proposed that BPUB sign an operating agreement similar to the one that went into effect in 2002. To date, BPUB has not signed such an agreement but have continued to conform to the original agreement relative to ratcheting, power factor, easements, and most other terms.

However, BPUB has not agreed to allow ERCOT incentives for BISD which could provide for over one million dollars (\$1,000,000) in rebates directly to the district.

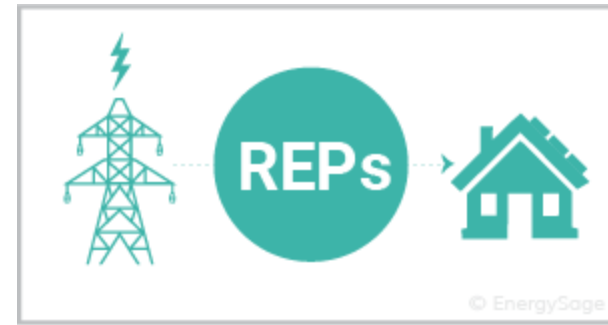


- 1. Positive:** Even though BISD has no operating agreement with MVEC, no power factor penalties or ratcheting are imposed on BISD. MVEC also provides an annual “patron’s equity” check to BISD because MVEC is owned by customers.
- 2. Negative:** Primary meter discounts are NOT being provided by MVEC to BISD. It is well documented that ESC has asked MVEC on numerous occasions to provide BISD with the primary meter discounts as required by their tariffs. MVEC’s engineering department has consistently defended not providing the discount because they provide maintenance and replacement when required. We recently proved this NOT to be the case. We now have documentation that BISD paid for a recent transformer replacement.
- 3. Negative:** ESC and BISD have requested numerous times over the last year that MVEC provide a firm price quote to consolidate the multiple meters at Lopez High School. To date, no response has been received. Meter consolidation at Lopez should reduce the monthly bill by approximately twenty-five percent (25%).



REP/AEP

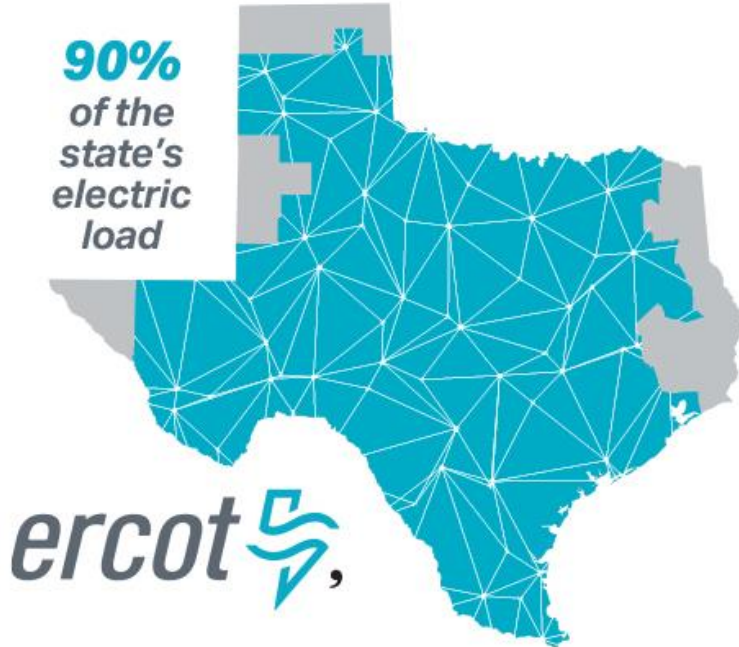
(Retail Energy Provider/
American Electric Power)



Positive: Thanks to the quick action by BISD' Deputy Superintendent and Superintendent, a power contract was executed in September for Vela MS, Lucio MS, and El Jardin ES. The quick action saved \$0.016 per kilowatt-hour (kWh) compared to the previous week. This contract provides firm power with “locked-in” fuel costs of \$0.05665 per kWh for a term of **ten years**. There is also flexibility in the contract to allow for load growth at the same rate. Just the \$0.016 savings alone due to the quick execution will save BISD \$600,000 yearly or \$6,000,000 over the contract term. When compared to other suppliers whose fuel costs are not fixed, the savings are even greater.

(3 campuses) Vela MS, Lucio MS, El Jardin ES.

ERCOT (Electric Reliability Council of Texas)



Positive: ERCOT is currently providing incentives to large power consumers through a demand response program amounting to over \$50,000 per megawatt-hour.

BISD has signed up for the program and currently has a credit of \$307.97. We must pursue getting BPUB to participate in the program as are all retail electric providers (REPs) and AEP-Texas.

This should pay huge dividends to BISD amounting to over \$1 million per year for the duration of the program. We will continue to push BPUB but their current administration is in a state of flux.

Energy Smart Corporation



PO Box 22084 Hot Springs, AR 71903 www.energysmartcorp.com Office: (501) 760-6444, Cell (501) 617-4777

We appreciate the opportunity to serve BIRD and are extremely proud of our joint accomplishments during 2022. We look forward to obtaining even more energy related savings during 2023.

- - Bob Driggers

Vermillion Elementary School

Roof Repairs

- ❑ Received four bids, approx. cost = \$220,000
- ❑ Ranking completed on December 2, 2022
- ❑ Scope of work is to replace light weight concrete with high-performance, 3" insulation solution board roofing system.
- ❑ Requesting approval December 13th board meeting
- ❑ 120 days to complete



Air Quality Improvement Projects



HVAC Systems Update

ESSER III HVAC Upgrades, Priority 1

Total Construction Cost for Priority amount (Projects under contract) **\$34,550,794.00**. All monies are encumbered.

1. Perkins
2. Vela MS
3. Lucio MS
4. Manzano MS
5. Martin ES
6. El Jardin ES
7. Russel ES
8. Sharp ES
9. Villa Nueva ES
10. Lincoln Park
11. Burns ES
12. Morningside ES
13. Gonzales ES
14. Yturria ES
15. Aiken ES

Total Allocation: \$43M



HVAC PRIORITY II

- ★ Remaining Funds: \$9.5M
- ★ Unencumbered balance amount for Priority 2
 1. Hanna Early College High School – A/C split system
 - * T100-T200 wings with 60-ton units
 2. Faulk Middle School- Air Cooled chiller, two story building
 3. Peña Elementary – Air Cooled chiller
 4. Pullam Elementary – Air Cooled chiller
 5. Canales Elementary – Air Cooled chiller
 6. Hudson Elementary – Roof Top Units
 7. Perez Elementary – Roof Top Units
 8. Putegnat Elementary – Roof Top Units
 9. Palm Grove Elementary – Roof Top Units
 10. Egly Elementary – Roof Top Units

Athletic Department Updates

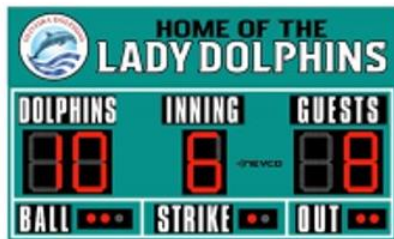


Middle School Scoreboards

- All Scoreboards have been received at BISD Warehouse.
- All spotting for the location of each scoreboard has been completed.
- Installation of the I-beams will begin at the schools starting December 5, 2022.
- Installation of the boards has started.
- 70% Complete
- Scheduled completion for installation of all scoreboards is February 3, 2023.



Middle School Scoreboard Designs



Middle School Tracks

Goal: To continue with the BISD goal of providing a 4-Lane all-weather tracks to the remaining 7 Middle schools (Phase I, II, and III)

Budget: 100% Local

Total Cost: \$600,000 each/7 campuses (\$4.2M)

New Cost: 950,000 for Phase II

Approval to proceed: December 13th Agenda



Phase I Completed

- Besteiro
- Lucio
- Vela

Phase II

- Garcia
- Stell
- Stillman

Phase III

- Faulk – retention pond
- Manzano – retention pond
- Oliveira – space limitation
- Perkins – space limitation

Middle School Tracks



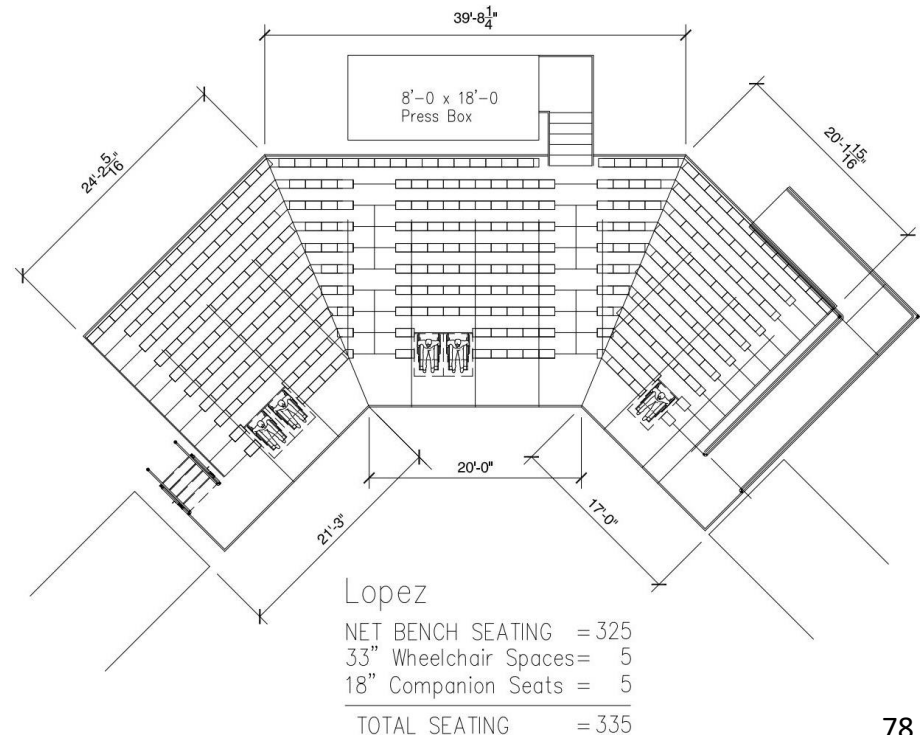
- Received bids on December 1, 2022.
- Ranking conducted on December 2, 2022
- Submitting for board approval for December 13th meeting - Two bids were received with an estimated approx. average cost \$950,000 per field.
- Construction time 150 days

High School Softball Bleachers

Budget: 100% Local

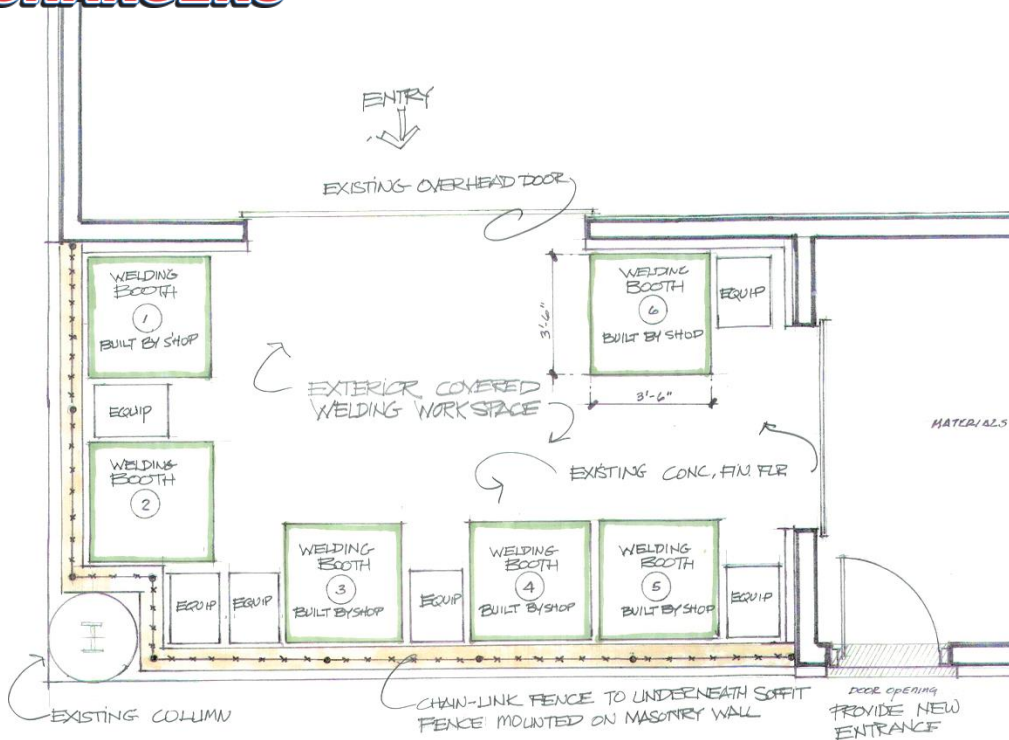
Cost: \$300,000 each/5 ECHS (\$1.5M)

- ❑ BISD Board approved to hire a consultant to work with Administration & Athletic Director to provide a plan of action due to the unique spacing of some of our high school fields
- ❑ Five ECHS high school softball bleacher designs are nearing completion.
- ❑ Bleacher systems include a Press Box
- ❑ Seating includes ADA compliant seating with companion seats





Veterans Memorial ECHS Welding Classroom



- ❑ CTE staff purchased six (6) welding stations
- ❑ Allocation of CTE funds: \$50,000
- ❑ Recommendation – Propose design an outdoor space for use. Half-wall fence.
- ❑ Engineering and architectural drawings are process.



Discussion of Unfunded Projects

District-Wide Roof Repairs



Informational Item

Legislation – Instructional Facilities Allotment (IFA)???

Early College High Schools	
Porter	1972
Pace	1973
Rivera	1986
Hanna	1989
Lopez	1992
Veterans	2008
BECHS	2010

12- 50 yrs.

Middle Schools	
Besteiro	1993
Lucio	1996
Perkins	2000
Garcia	2001
Oliveira	2002
Stillman	2003
Vela	2004
Stell	2008
Faulk	2008
Manzano	2010

12-29 yrs.

Elementary Schools			
Cromack	1971	Hudson	1998
Del Castillo	1973	Champion	2000
Perez	1973	Gallegos	2000
Burns	1982	Martin	2000
Palm Grove	1983	Resaca	2000
Gonzalez	1985	Paredes	2001
Morningside	1985	Garden Park	2003
Russell	1985	Ortiz	2003
Sharp	1985	Villanueva	2003
Southmost	1987	Brite	2005
Vermillion	1987	Putegnat	2005
Canales	1988	Skinner	2005
Yturria	1992	El Jardin	2008
Aiken	1995	Keller	2008
Benavidez	1998	Pena	2008
Castaneda	1998	Breeden	2009
Egly	1998	Pullam	2009
Garza	1998		

13-51 yrs.



Sams Stadium Track Resurface

Goal: Resurface track at Sams Stadium as BISD only competitive track for 6 high schools and 10 middle schools' competition track.

Approx. Estimated Cost: \$800,000- \$1M



- Sam's Stadium track has not been resurfaced in over 15 years
- Home of the 66th Annual Sam's Relays
- Brownsville will be hosting **Games of Texas** in 2023 and 2024
- BISD facility for BISD Buddy Meet
- BISD Facility for BISD Special Olympics
- Future facility for BISD Unified Sports Track Meets (Zariah's Law)

2

Sams Stadium Updates

Concrete Sealing (Bleachers)



- ❑ In the process of applying liquid sealer to concrete surface in the home and visitor's stadium seating.
- ❑ Intent was to begin immediately after football season and preferably during the holidays, weather permitting.
- ❑ Estimated Cost: \$100,000

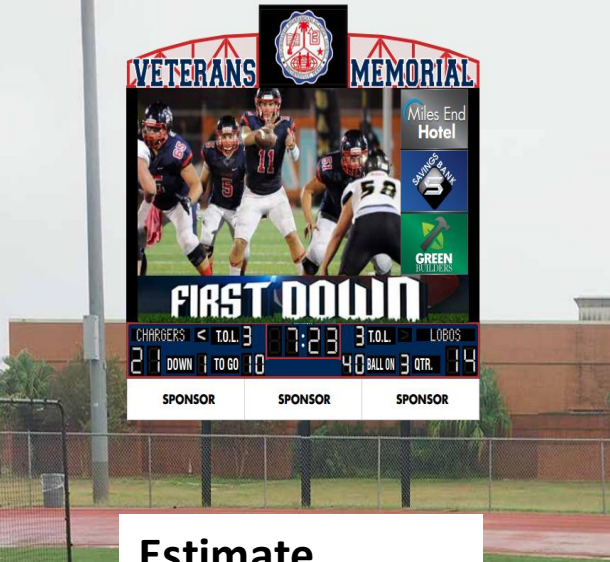
Safety
Concern



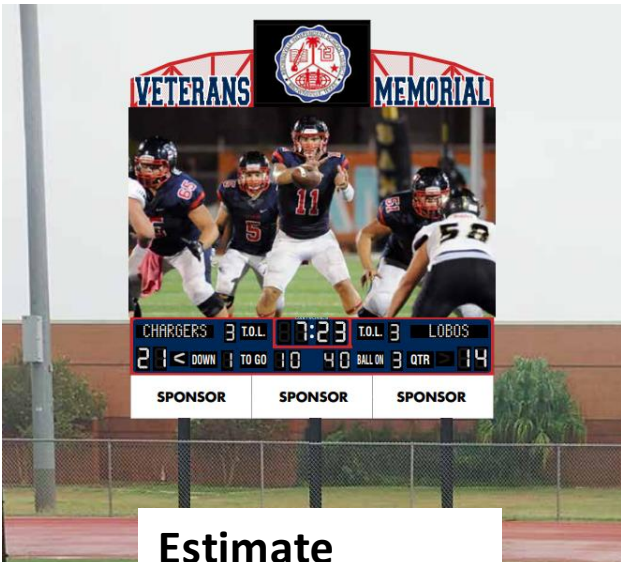
BISD Stadium Scoreboard

Upgrade Score Board and Hard Wire Clocks

Quotes have been received for option upgrades for BISD Stadium Scoreboard at Veterans Memorial. Quotes vary from three options.



Estimate
\$586,000



Estimate
\$458,000

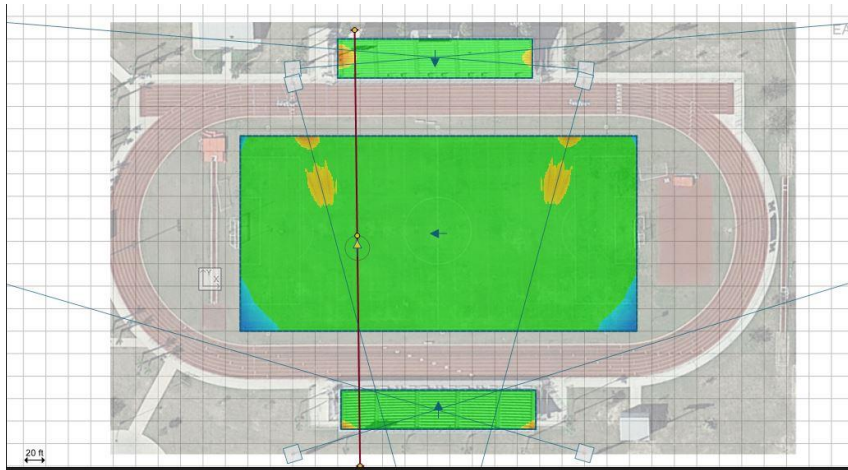


Estimate
\$173,000

3

BISD STADIUM SOUND SYSTEM

Athletics is working with a vendor to prepare a plan for improving the sound quality. Current proposal is to mount speakers on current light poles and purchase an amplifier for the system. **Estimate has been received at \$155,000.**



Logo in Middle of Field will be replaced with the same one used at Sams Stadium



Veterans Memorial Stadium Rebranding



Stadium Press Box and Ticket Booth

- Press box upgrades to visitor's side
- Home side ticket booth to match visitors
- Approx. estimated cost: \$400,000



4

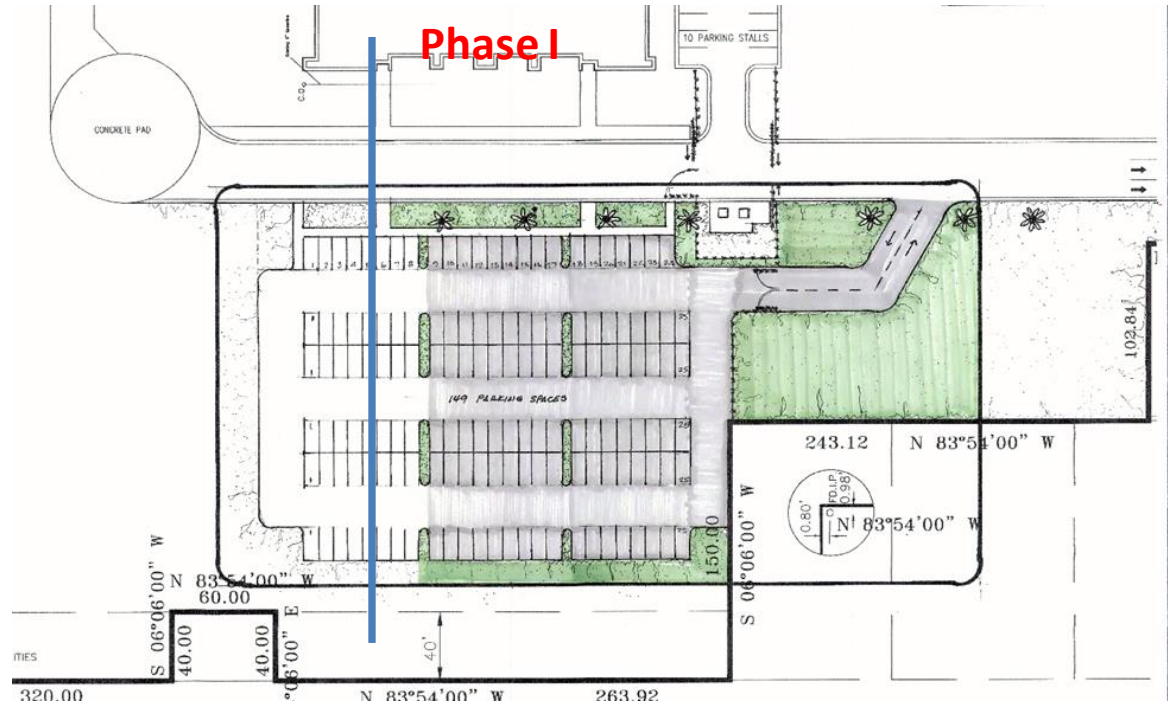
Benavides Elementary Parking Lot Expansion

Problem-

School is in dire need of more staff parking

Solution: Construct paved parking for one hundred and fifty new parking spaces on adjacent unimproved school district property.

Approx. estimated cost for Phase I: \$200,000 which accounts for 75 parking spaces (unfunded)





Proposed Paredes Elementary

Portable buildings drainage

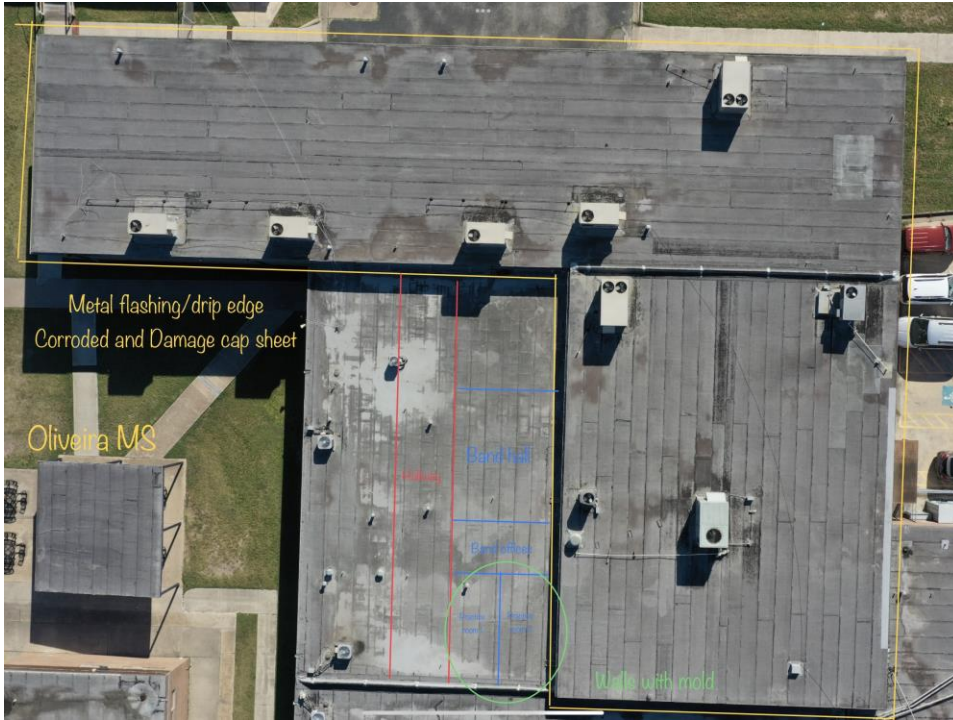
- ❑ **Problem:** Building wood floors are being replaced almost every year because of moisture caused by water ponding underneath floor.
- ❑ **Solution:** provide proper grading away from building to water storage ponds and install drains intermediate locations.
- ❑ Survey completed and schematic provided to civil engineer for design
- ❑ Design to grade and to add multiple drains to build detention pond.



Approx. Estimated Cost:
\$300,000



Oliveira Band Hall Roofing



Conducted a roof inspection on the band hall area at Oliveira MS, all the metal Drip edge is corroded and the roofing cap sheet loose.



Total Estimated Cost: \$8,000 – **Temporary Fix Completed**
Reroof the Rehearsal Area (Band Hall): \$100,000



Elementary Canopies

Campus	Description
Benavides	Blacktop by the gym (HOLD)
Ortiz	Bus pick up area
Paredes	Connect student drop off and pick up to main entrance
Skinner	Connect student drop off and pick up to campus entrance



Estimated cost: \$50,000 each, 8' x 100 feet long
Approx. Estimated Total Cost = \$200,000

ECHS Tennis Courts

Campus	Resurfacing 6 HS	Bleacher (50 players and fans) and Shade Structure	Retrofitting LED Lighting
Hanna	\$82,914	\$60,000	\$ 86,000
Lopez	\$55,276	\$60,000	\$ 54,000
Porter	\$55,276	\$60,000	\$ 90,500
Pace	\$55,276	\$60,000	No lights
Rivera	\$55,276	\$60,000	No lights
Veterans	\$55,276	\$60,000	Functional
Approx. Est. Cost	\$359,294	\$360,000	\$230,500

Approx. Estimated Total Cost for 3 items mentioned = \$949,794

Total Cost for Unfunded Projects

	Project Description	Estimated Cost
2	Sams Stadium Track Resurfacing	\$1,000,000
3	Sams Stadium Concrete Sealing	\$100,000
4	Veterans Memorial ECHS <ul style="list-style-type: none"> • Scoreboard • Sound System • Rebranding • Press Box and Ticket Booth – Visitors Side 	\$586,000 \$155,000 \$50,000 \$400,000
5	Benavides Elementary <ul style="list-style-type: none"> • Parking Lot Expansion Phase I 	\$200,000
6	Paredes Drainage for Portable Buildings	\$300,000
7	Oliveira Band Hall Re-Roofing Project	\$100,000
8	Elementary Canopies (Benavides, Paredes, Skinner, and Ortiz) (\$50,000 each)	\$200,000
9	ECHS Tennis Courts	\$949,794
	Approx. Estimated Total Cost:	\$4,040,794

Administration is recommending the approval of \$4.1M budget to complete all projects listed above.



FACILITIES

Discussion of Other Projects

Elementary Stages/ADA Compliance

Need:

Build ramps for students with special needs.



Draper Road Easement

Rick Pineda, BPUB

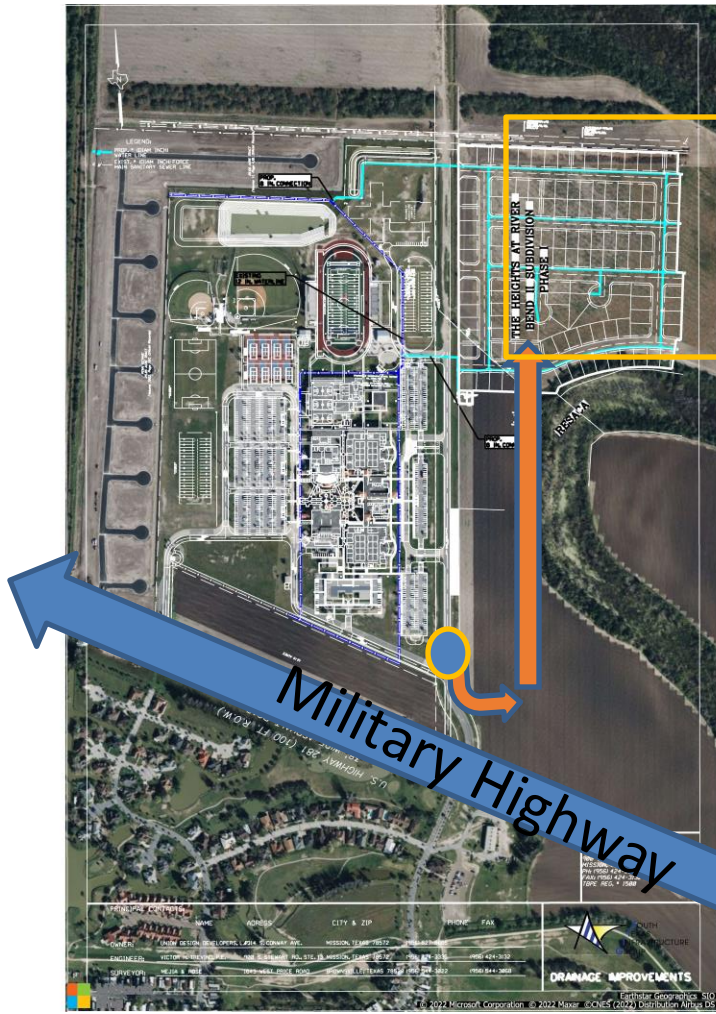
BPUB is requesting a .056 acre easement along the western limits of of BISD property to install a water line. They will require removing part of the existing fence and gate breaking part of concrete drive that exists on BISD property. Student pick need to be reconfigured temporarily while work is underway.



Veterans Water Connection

Veterans High School developers request to tap into BISD water supply.

Homer Gonzalez

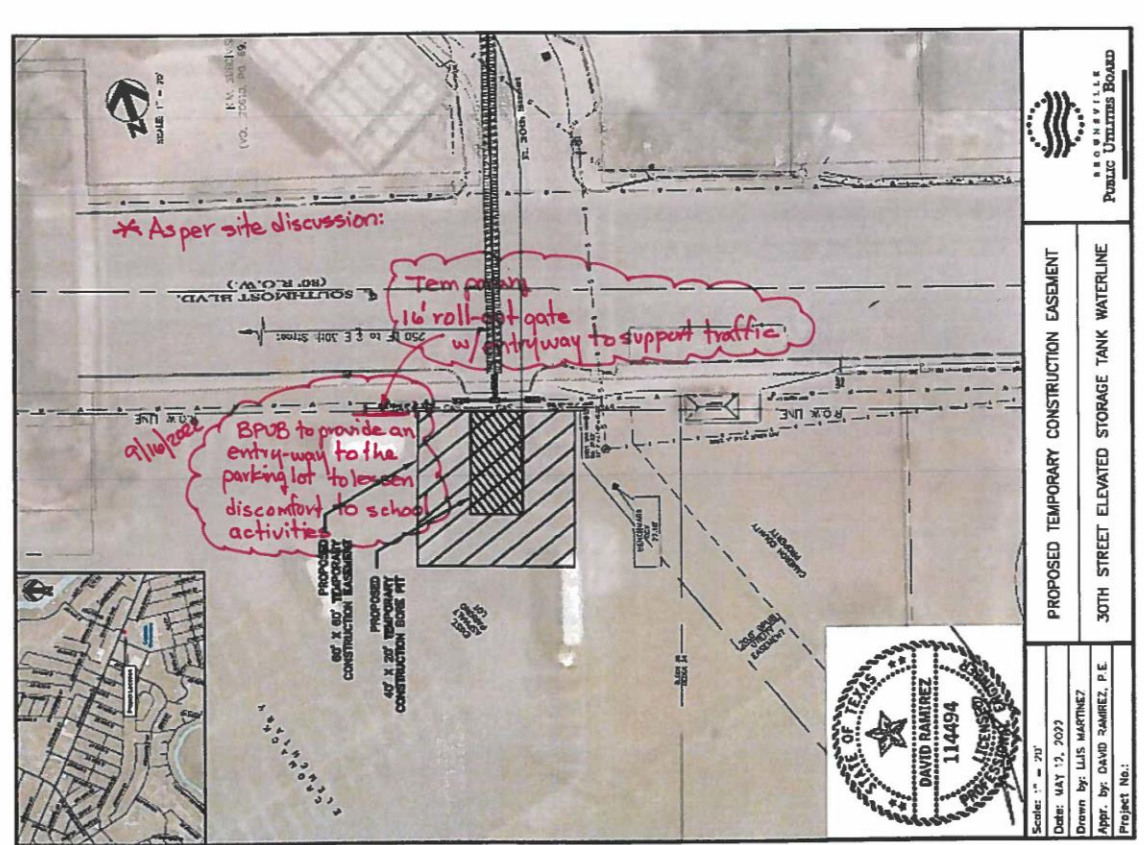




Cromack Water Connection

Rick Pineda, BPUB

- ❑ BPUB is requesting a 60' x 60' temporary easement to make a water connection.
- ❑ This will require the fence in the teacher's parking lot to be relocated temporarily.
- ❑ Fence and concrete repairs will be completed by BPUB.



THANK YOU

Any Questions?

I would like to thank the following individuals for their commitment and support as we move this work forward:

- ✓ Dr. Rene Gutierrez, Superintendent
- ✓ Roxanne Eckstein, Admin. Assistant
- ✓ Mary D. Garza, Finance Director
- ✓ Manuel Hinojosa, Architect
- ✓ Genaro Martinez, Maintenance Administrator
- ✓ Miguel Salinas, Staff Attorney
- ✓ Maintenance Department Staff
- ✓ Martin Espinosa, Projects/Facilities Manager
- ✓ Fernando E. Villarreal, Projects/Facilities Manager
- ✓ Gilbert Leal, Athletic Director
- ✓ Rosie Pena, Purchasing Director

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