

BRAZOSPORT INDEPENDENT SCHOOL DISTRICT

Long Range Facilities Planning Committee

2014 Bond Program

Meeting #2

April 10, 2014



AGENDA

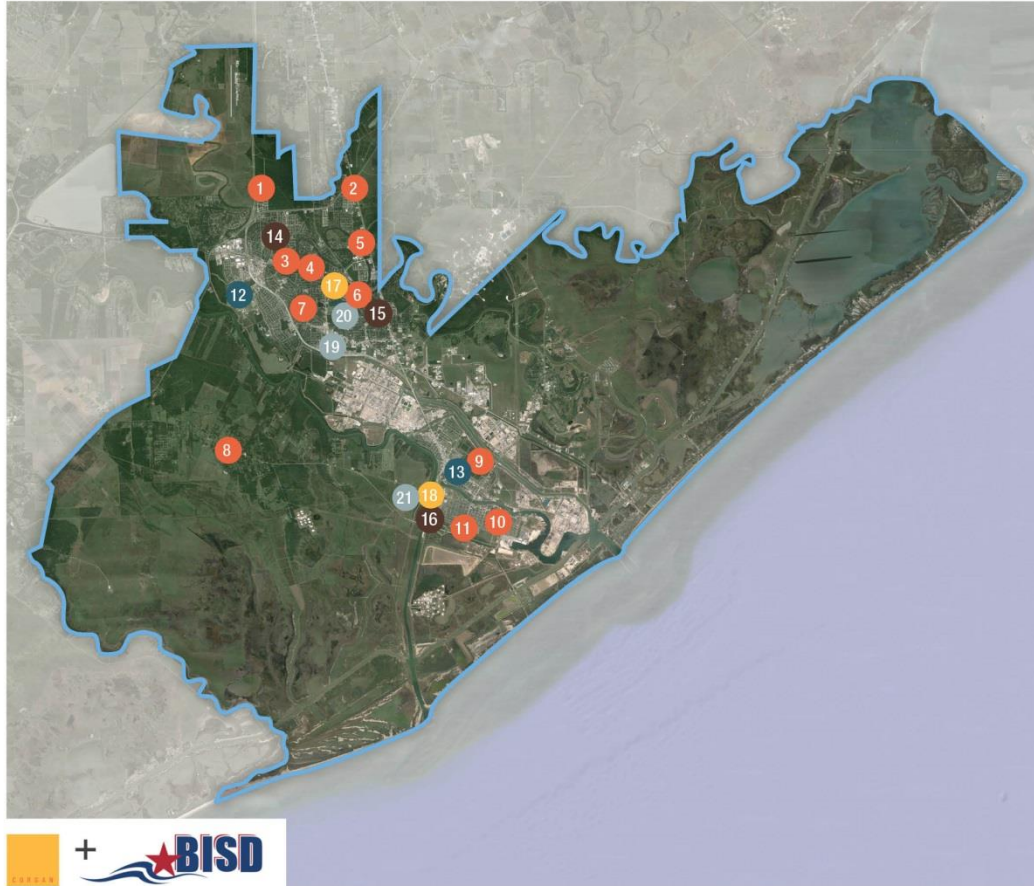
- Welcome and Introduction of Chair and Secretary
- Background Information: Maps and Feeder Patterns
- Presentation on Facility Assessment Methods and Sample Form
- Definitions and Discussion:
 - Capacity
 - Demographic Report
 - 21st Century Learning
 - Career and Technical Education
- Master Schedule/Meeting overview
- Meeting Schedule

INTRODUCTIONS

- Chairperson
- Secretary

Background Information

CURRENT DISTRICT MAP (OVERALL)



BRAZOSPORT ISD

ELEMENTARY SCHOOLS

1. Bess Brannen Elementary
2. Gladys Polk Elementary School
3. Elisabet Ney Elementary School
4. A.P. Beutel Elementary School
5. Madge Griffith Elementary School
6. T.W. Ogg Elementary
7. O.M Roberts Elementary School
8. Stephen F. Austin Elementary School
9. Velasco Elementary School
10. O.A. Fleming Elementary School
11. Jane Long Elementary School

MIDDLE SCHOOLS

12. Grady Rasco Middle School
13. R. O'Hara Lanier Middle School

INTERMEDIATE SCHOOLS

14. Lake Jackson Intermediate School
15. Clute Intermediate School
16. Freeport Intermediate School

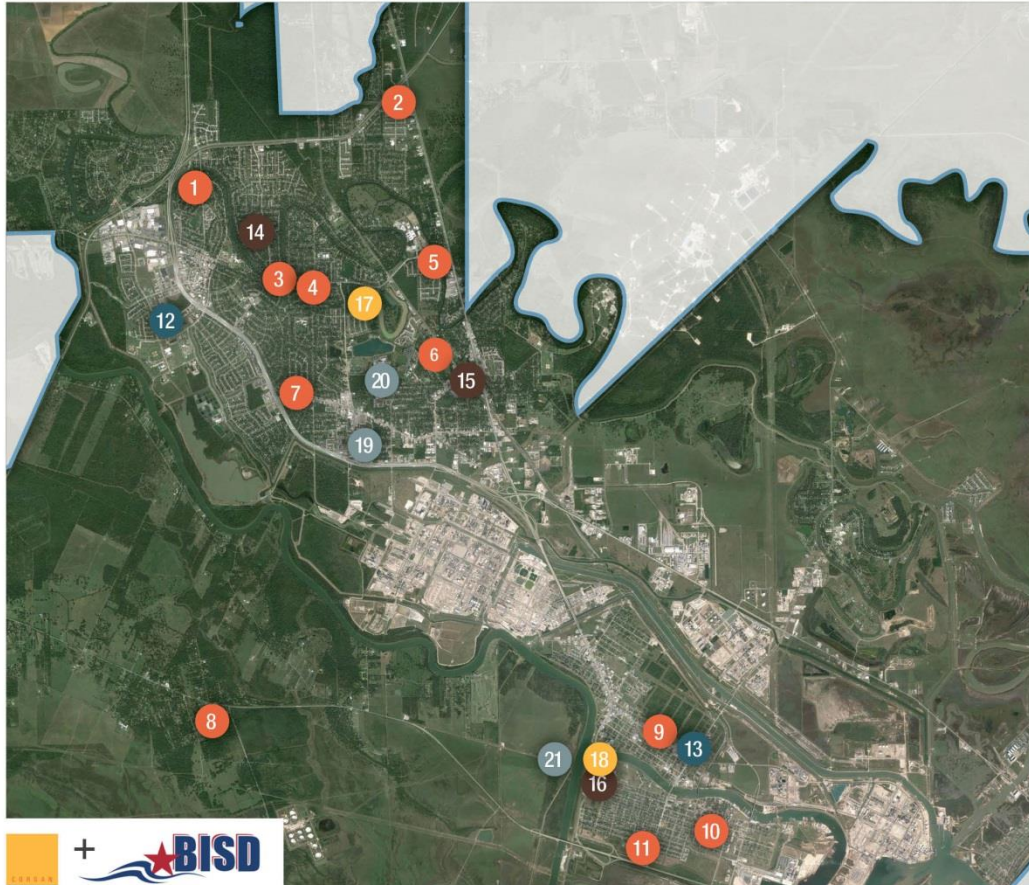
HIGH SCHOOLS

17. Brazoswood High School
18. Brazosport High School

ADDITIONAL FACILITIES

19. Lighthouse Learning Center
20. Support Facilities
 - Administration
 - Child Nutrition
 - Maintenance
 - Transportation
21. Athletic Stadium

CURRENT DISTRICT MAP ZOOMED IN



BRAZOSPORT ISD

ELEMENTARY SCHOOLS

1. Bess Brannen Elementary
2. Gladys Polk Elementary School
3. Elisabet Ney Elementary School
4. A.P. Beutel Elementary School
5. Madge Griffith Elementary School
6. T.W. Ogg Elementary
7. O.M Roberts Elementary School
8. Stephen F. Austin Elementary School
9. Velasco Elementary School
10. O.A. Fleming Elementary School
11. Jane Long Elementary School

MIDDLE SCHOOLS

12. Grady Rasco Middle School
13. R. O'Hara Lanier Middle School

INTERMEDIATE SCHOOLS

14. Lake Jackson Intermediate School
15. Clute Intermediate School
16. Freeport Intermediate School

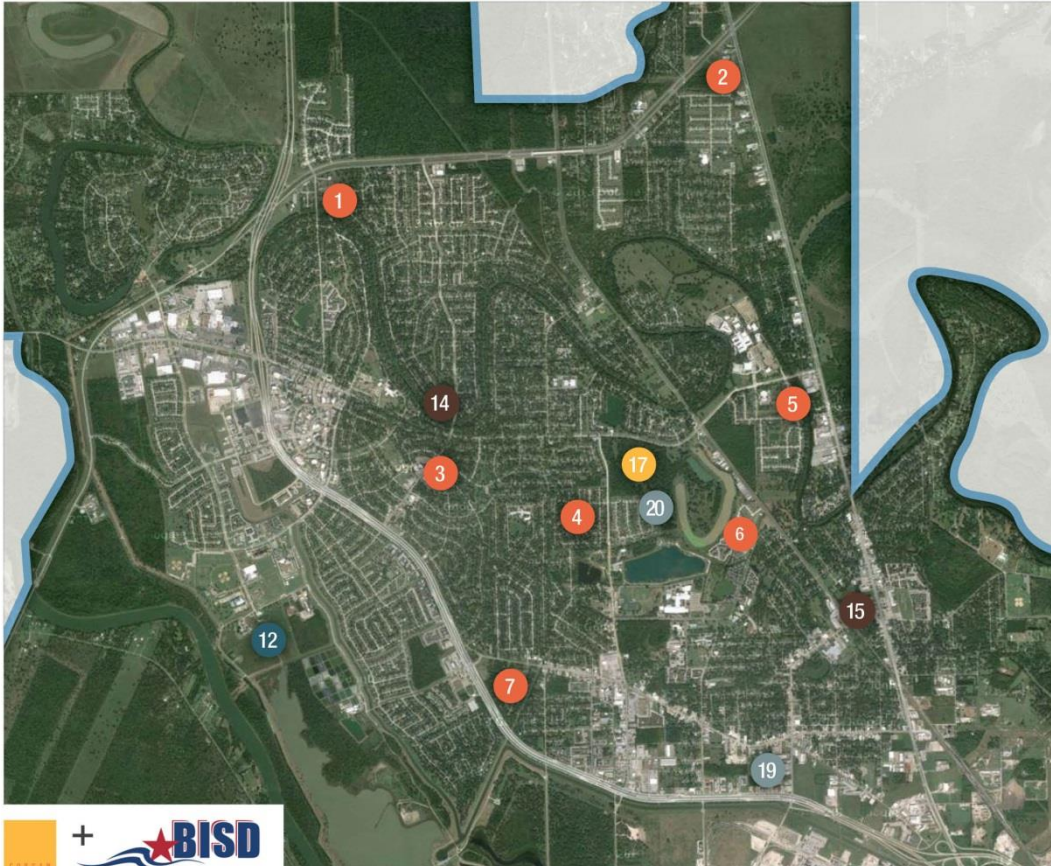
HIGH SCHOOLS

17. Brazoswood High School
18. Brazosport High School

ADDITIONAL FACILITIES

19. Lighthouse Learning Center
20. Support Facilities
 - Administration
 - Child Nutrition
 - Maintenance
 - Transportation
21. Athletic Stadium

CURRENT DISTRICT MAP NORTHWEST (BRAZOSWOOD FEEDER PATTERN)



BRAZOSPORT ISD NORTHWEST

ELEMENTARY SCHOOLS

1. Bess Brannen Elementary
2. Gladys Polk Elementary School
3. Elisabet Ney Elementary School
4. A.P. Beutel Elementary School
5. Madge Griffith Elementary School
6. T.W. Ogg Elementary
7. O.M Roberts Elementary School

MIDDLE SCHOOLS

12. Grady Rasco Middle School

INTERMEDIATE SCHOOLS

14. Lake Jackson Intermediate School
15. Clute Intermediate School

HIGH SCHOOLS

17. Brazoswood High School

ADDITIONAL FACILITIES

19. Lighthouse Learning Center
20. Support Facilities
 - Administration
 - Child Nutrition
 - Maintenance
 - Transportation

CURRENT DISTRICT MAP ZOOMED IN (BRAZOSPORT FEEDER PATTERN)



BRAZOSPORT ISD SOUTHEAST

ELEMENTARY SCHOOLS

- 8. Stephen F. Austin Elementary School
- 9. Velasco Elementary School
- 10. O.A. Fleming Elementary School
- 11. Jane Long Elementary School

MIDDLE SCHOOLS

- 13. R. O'Hara Lanier Middle School

INTERMEDIATE SCHOOLS

- 16. Freeport Intermediate School

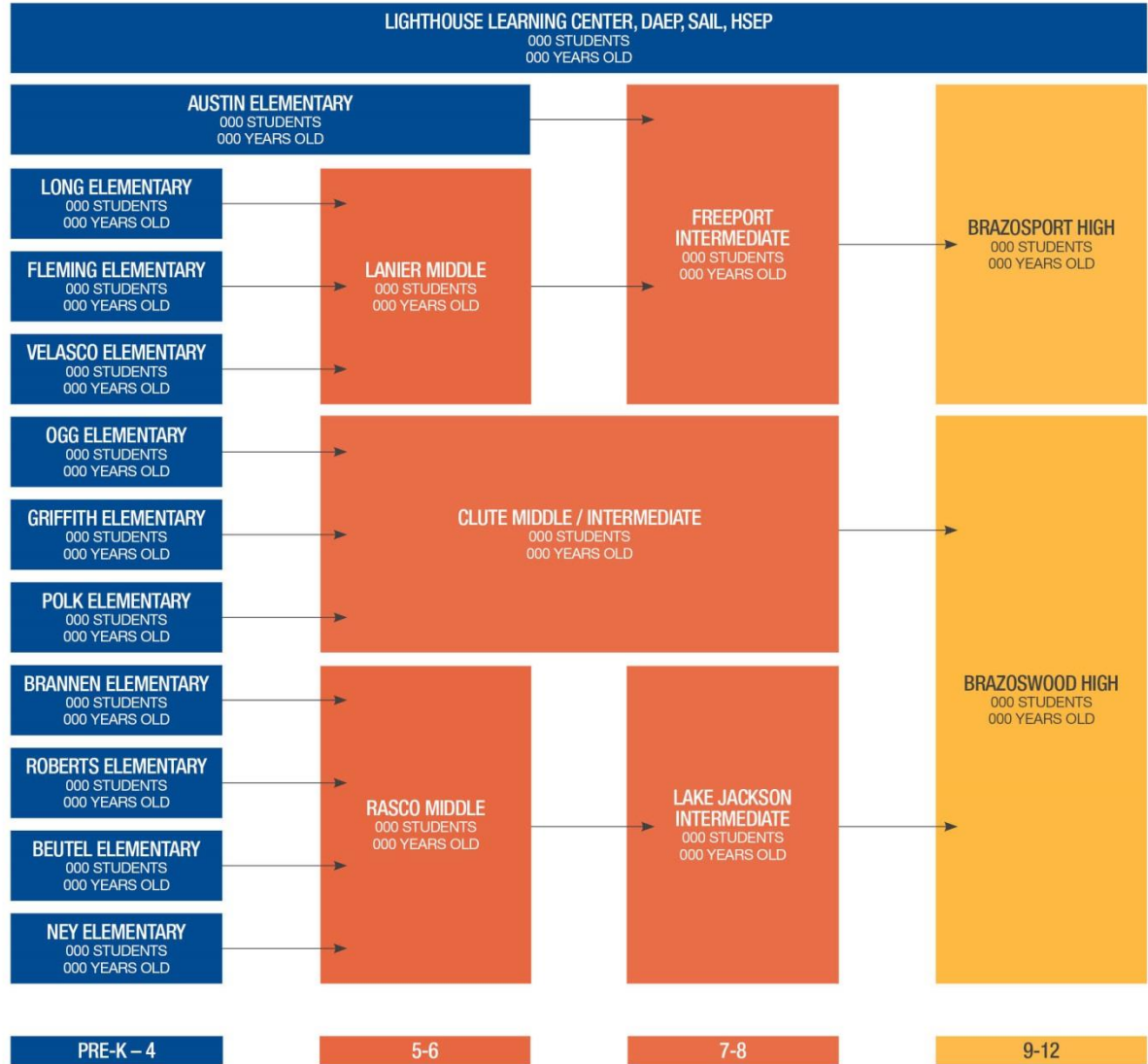
HIGH SCHOOLS

- 18. Brazosport High School

ADDITIONAL FACILITIES

- 21. Athletic Stadium

CURRENT DISTRICT FEEDER PATTERN



Facilities Assessment

SCHOOL FACILITIES

- School facilities are powerful indicators of community values and aspirations
- They not only support the academic needs of the students they serve, but can also address the social, educational, recreational, and personal needs of the members of the broader community
- Three factors to consider in evaluations:
 - Facilities Condition and Operational Adequacy
 - Facilities Perception
 - Educational Adequacy

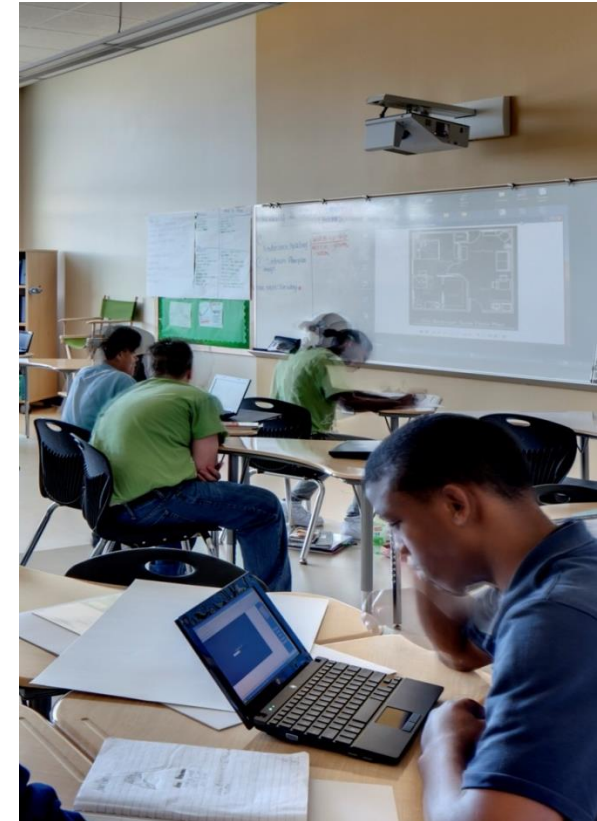
FACILITY CONDITION ASSESSMENT

- “Facility Condition Assessment” is a term used to describe the process of an analysis of the condition of facilities district wide for age, structural integrity, site conditions and use, educational adequacy, local and federal code requirements, Texas Education Agency (TEA) requirements, life safety, accessibility, building systems, technology infrastructure.
- Objectives:
 - Provide **an objective and technical analysis** of the physical condition of the Brazosport ISD facilities
 - Assess the ability of each Brazosport ISD school to adequately support the Brazosport ISD **educational mission**
 - **Evaluate in light of the Board’s Guiding Principles**

FACILITY CONDITION ASSESSMENT

SYSTEMS COST OF INVESTMENT AVERAGE PERCENTAGE OF OVERALL BUILDING COSTS

EXTERIOR	Site/ Roads, Parking, Playground, Utilities	7%
	Structure/ Foundations, Structural Frame, Walls	5%
	Shell/ Exterior windows, Walls, Doors	10%
	Roof	5%
INTERIOR	Educational Adequacy	9%
	Building Finishes	9%
	Code Requirements	3%
	Accessibility	4%
	T.E.A. Standards	3%
	Food Service	4%
	Athletics	5%
BUILDING SYSTEMS		
	Mechanical	12%
	Electrical	10%
	Plumbing	6%
	Life Safety	5%
	Technology	<u>4%</u>
		100%



LIFE CYCLE EXPECTATIONS

LIFE CYCLE EXPECTATIONS FOR BUILDING, PLANT, EQUIPMENT, SYSTEMS (All Designated in Maximum Expected Years of Service)

Mechanical

Boiler	25
Chiller	20
Cooling Tower	25
Condenser	20
Pumps	15
Instrumentation	10
Ductwork	30
Fans	15
Coils	25
Grilles	25
RTU (Exterior)	15
Split Systems	10
Steel Pipe	25
Copper Pipe	35
Cast Iron Pipe	35

Life Safety

Fire Alarm	20
Smoke / Heat Detector	10
Fire Sprinkler System	25

Electrical

Switchgear	30
Transformer	30
Circuit / Outlets	20
Lighting	20
Motors	15

Plumbing

Drinking Fountains	10
Water Heaters	20

Other

Kitchen Equipment	15
Carpet	10-15
Paint	5
Ceramic Tile	50
Glazed Block	50
VCT	50
Roofing	10-15
Masonry	50

FACILITY CONDITION INDEX

- Facility Condition Index (FCI) is a benchmark metric to analyze the investment in facility improvements. The FCI is a ratio of deferred maintenance cost to replacement costs.
- The facility condition index calculates the costs to repair a facility versus the costs to replace.
- When the number exceeds 4.25 or 65%, the costs to replace with a new energy efficient facility that meets all BISD and TEA standards are less than repair, renovation and expansion.
- Ratings Scale:

1 = 0%-20%

2 = 21%-39%

3 = 40%-59%

4 = 60%-79%

5 = 80%-100%

Replacement Costs

Replacement Costs

Replacement Costs

Replacement Costs

Replacement Costs



SAMPLE PASSING ASSESSMENT

- Key Items:

- 1-5 scale: 1 = pass / 5 = fail
- 85% capacity is assumed full
- A total score **above** 4.25 is considered failing
- All campuses are graded on a curve, with the best and poorest condition schools at opposite ends.

Capacity Assessment		Scale: 1-Pass 5-Fail		Percent Occupied: 77.2%
Design Capacity: 316				85% Capacity is assumed full
Functional Capacity: 267				
Current Enrollment: 206				
Building Constructed : 2004				
Building Current Square Footage : 3742,000				
Assessment Grading		Scale: 1-Pass 5-Fail		Note: Score over 3 recommend replacement
Site	Parking and Drives	1		Overall in good condition, accessible. Existing irrigation system in place, landscaping in good condition Equipment in OK condition. Compliant with current laws No issues with site drainage Sufficient lighting, compliant with current codes. No secure entry is present In decent condition.
	Landscape/Irrigation	1		
	Play Grounds	1		
	ADA Accessibility	1		
	Drainage	1		
	Site Lighting	1		
	Security	1		
	Sidewalks	1		
Exterior	Exterior Walls	1		No Movement or visible signs of age or distress No Visible signs of movement or distress. aluminum frames with insulated glass Acceptable condition Original roof in good repair Original roof in good repair Noticeable wear and rot at entry
	Structure/Foundation	1		
	Windows	1		
	Doors/Entrances	1		
	Roofing	1		
	Flashing / Sheet Metal	1		
	Canopies	1		
Interior	Accessibility	1		Meets current laws and regulations for accessibility No noticeable damage Does not meet current laws and regulations for accessibility Minimally meets current requirements Original materials - 25% of useable lifecycle ACM materials not assumed due to age of facility Does not meet all current energy, fire safety or building codes Recent equipment, space and support functions non compliant Multiple Computer Labs
	Finishes	1		
	Restrooms	1		
	Educational Adequacy	1		
	Doors/Hardware	1		
	ACM materials	1		
	Code requirements	1		
	Food Service	1		
TEA Compliance	1			
MEP	Mechanical			ASHRAE Service Life Expectancy - 25 years maximum on most equipment Nearing 1/2 useful life expectancy, inefficient, does not meet current regulations Nearing 1/2 useful life expectancy, inefficient, does not meet current regulations Building codes life expectancy - 25 years on most equipment Overhead service, main in need of upgrade Good upon inspection Acceptable Condition Industry Standard Life expectancy - 25 years on fixtures and service lines Overwear, nearing service life expectancy Original fixtures with various repairs- Needs replacement Industry Standard Life expectancy - 15 years Insufficient system installed Does not meet all current life safety codes Very good Very good Industry Standard Life expectancy - 10 years Power service does not meet demand of technology Wi-Fi installed throughout facility
	Units			
	Ductwork			
	Electrical			
	Building service			
	Panels			
	Distribution			
	Plumbing			
	Infrastructure			
	Fixtures			
	Life Safety Systems			
	Fire Sprinkler			
	Fire Alarm			
	Emergency Lighting			
	Exit Signage			
Technology				
Power				
Data				

Total Score - 2.32

Capacity Assessment							Percent Occupied: 108% 85% Capacity is assumed full
Design Capacity:	525						
Functional Capacity:	515						
Current Enrollment	557						
Building Constructed : 1958							
Building Current Square Footage : 51,314							
Assessment Grading		1-Pass					5-Fail
		Scale: 1 2 3 4 5					Note: Score over 3 recommend replacement
Site	Parking and Drives						Multiple parking areas, all concrete with parking/fire lane striping. At least 3 handicapped
	Sidewalks						Sidewalks good condition, some replaced due to tree roots, roof drainage onto sidewalks.
	Landscape/Irrigation						Shrubs pulled away from bldg. not ideal for security, Maintenance needed at back
	Play Grounds						Fair condition, no safe-fall material, previous ground material very decomposed.
	ADA Accessibility						Some sidewalks ADA accessible, handicapped parking available
	Utilities& Drainage						Drainage done through swaling. Significant water ponding.
	Site Lighting						Minimal site lighting, minimal parking light poles, athletic field lighting.
Exterior	Security						No entry vestibule, card access at front door, security cameras not installed yet, remote bl
	Exterior Walls						Poor. Paint/plaster peeling. Cracks at brick. Mold/algae growth at exterior
	Structure/Foundation						Describe overall condition of foundation & structure
	Windows						Kitchen windows popping out, windows painted in remote bldg
	Doors/Entrances						Poor. Paint discoloration. Inaccessible entries
	Roofing						Mold growth on roof fascias & at gutter connection to roof, leaks in kitchen
	Weather/Waterproofing						Appears waterproofing has been redone multiple times, indicative of leaks
Interior	Canopies						Canopies have lighting and internal gutters.
	TEA Compliance						More than half of spaces are not compliant.
	Educational Adequacy						Describe overall conditions
	Finishes						Poor to failing interior finishes.
	Restrooms						non-accessible RR. Rusted hardware/partitions, ceramic tiles-good. Base -poor
	Food Service						Not ADA compliant. Kitchen-tile floor good, painted CMU-peeling, ACT ceiling-water leakag
	Doors/Hardware						Some rusting doors, non-accessible hardware/some thresholds
	Accessibility						Large percentage of interior spaces not ADA compliant, some updates have been made.
	ACM materials						ACM is not suspected to be present.
MEP	Code requirements						0
	Mechanical						
	Units						Recommend Replacement of 15 roof fans & 4 roof-mtd HVAC units
	Ductwork						Replace ductwork which is the oldest area of the building.
	Exhaust						Not all exhaust were running during school operation as needed.
	Electrical						
	Building service						Primary power: MSB new.
	Panels						Original panel bd to be upgraded/replaced; new SqD panels are good.
	Distribution						Unknown at this time.
	Plumbing						
	Infrastructure						Replace pipe due to age (a lot of galvanized pipe for water supply)
	Fixtures						ADA Compliant
	Life Safety Systems						
	Fire Sprinkler						Not sprinklered.
	Fire Alarm						FA Present. Good condition, recommend upgrade for code compliance
Emergency Lighting						Adequate: Battery pack wall mounted two lamp fixtures.	
Exit Signage						Recommend replacement, appx. 1/2 not working	
Technology							
Data						Inadequate.	
WI Fi						Yes.	

Total Score - 4.42

A.P. BEUTEL ELEMENTARY

Building Capacity Analysis

Rm No.	Room Name	Function		Area	Meets TEA	Design Capacity	Functional Capacity
1	Boucher	Classroom	3rd Grade	729	Y	22	19
2	Wailes	Classroom	3rd Grade	729	Y	22	19
3	Gary	Classroom	3rd Grade	729	Y	22	19
4	Fuller	Classroom	3rd Grade	729	Y	22	19
5	Ponzi	Classroom	4th Grade	729	Y	22	19
6	Gasiorowski	Classroom	3rd Grade	729	Y	22	19
7	Cruise	Classroom	4th Grade	729	Y	22	19
8	Beard	Classroom	4th Grade	729	Y	22	19
9	Hatfield	Classroom	4th Grade	729	Y	22	19
10	Martinez	Classroom	4th Grade	729	Y	22	19
11	PPCD	Classroom	Special Education	675	Y	NA	NA
12	Kibodeaux / Life Skills	Classroom	Special Education	1035	Y	NA	NA
13	Garapetian	Classroom	1st Grade	675	N	18	19
14	Skeete	Classroom	1st Grade	600	N	16	19
15	Metric	Classroom	1st Grade	675	N	18	19
16	Chamblee	Classroom	1st Grade	675	N	18	19
17	Speech	Classroom	Speech Pathologist	335	N	NA	NA
18	Stuart	Classroom	1st Grade	600	N	16	19
19	Assistant Principal	Office	Admin Office	302	NA	NA	NA
20	Silvertooth / Resource Counselor	Classroom	Special Education	700	Y	NA	NA
21	Vanderheid / Music	Classroom	Music	975	Y	NA	NA
23	Teacher Work Room	Break Room	Admin Office	1540	NA	NA	NA
31	Kotzur	Classroom	2nd Grade	640	N	20	19
32	Power / Interventionist	Classroom	Intervention	682	Y	NA	NA
33	Jansky	Classroom	2nd Grade	640	N	20	19
34	Jamison	Classroom	2nd Grade	682	N	21	19
35	Scott	Classroom	2nd Grade	640	N	20	19
36	Crisp	Classroom	2nd Grade	682	N	21	19
37	Williams	Classroom	Kindergarten	640	N	17	19
38	Computer Lab	Classroom	Computer Lab	682	N	NA	NA
39	Aldrich	Classroom	Kindergarten	640	N	17	19
40	Huitt	Classroom	Kindergarten	682	N	18	19
41	Cordoba	Classroom	Kindergarten	640	N	17	19
42	Bollom	Classroom	Kindergarten	682	N	18	19
44	Binnion	Classroom	Kindergarten	682	N	18	19
46	Buell	Classroom	ESL	172	N	NA	NA
47	Special Education	Classroom	Special Education	152	N	NA	NA
51	P.E. Portable	Office	Admin Office	351	NA	NA	NA
50	SEARCH / Gifted & Talented	Multipurpose	Elective Classroom	351	N	12	21
Cafeteria	Cafeteria / Gym	Café / Gym	Gym ES	2912	N	NA	NA
Library	Library	Library	Library 1	2689	N	NA	NA
Office	Front Office	Office	Admin Office	430	NA	NA	NA
Office	Front Office	Office	Admin Office	282	NA	NA	NA
Nurse	Nurse Office	Office	Admin Office	115	NA	NA	NA
Workroom	Tally Workroom	Break Room	Admin Office	315	NA	NA	NA
	Total Capacity					525	515

A.P. BEUTEL ELEMENTARY

Site Plan



C O R G A N

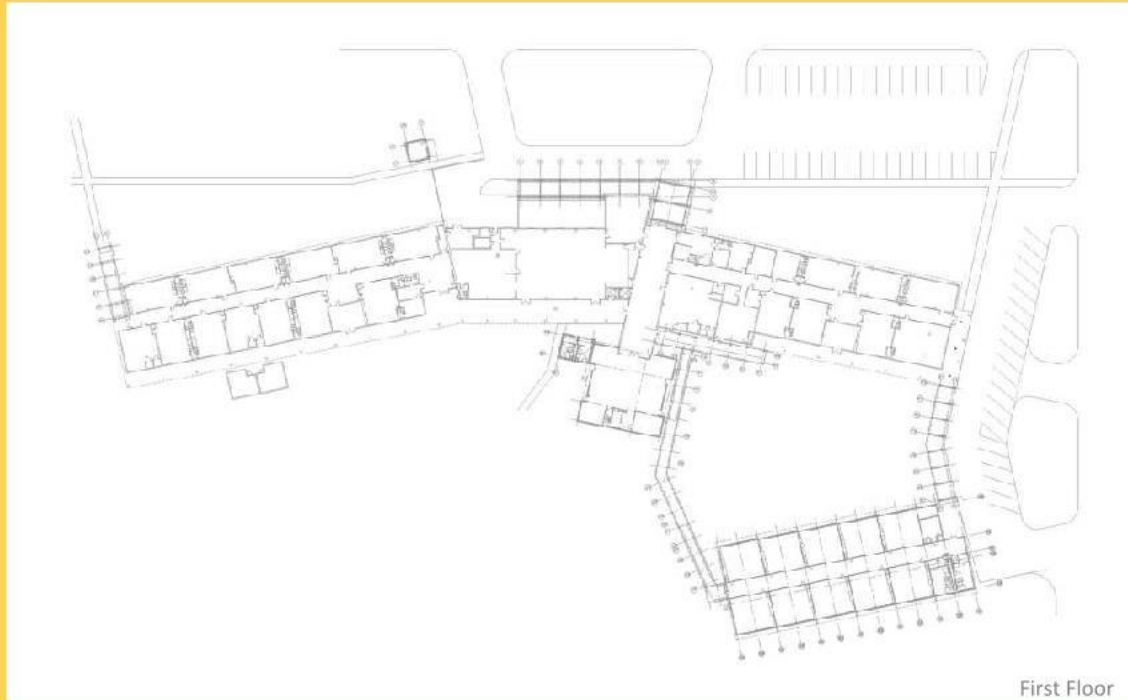


A.P. BEUTEL ELEMENTARY

Floor Plans



C O R G A N



First Floor



BRAZOSPORT ISD



A.P. BEUTEL ELEMENTARY

300 Ligstrum

Lake Jackson, Texas 77566

SITE INFORMATION

Current # of Parking Spaces:	86 total, 3 handicapped
Parent drop-off/pick-up	Parking & drop-off/pick-up inadequate
Bus drop-off/pick-up	Drop-off & pick-up inadequate. Dismissal of students occurs in 3 different areas.

General Notes:

Site Conditions	
Parking & Drives	Multiple parking areas, all concrete with parking/fire lane striping. At least 3 handicapped accessible.
Sidewalks	Sidewalks good condition, some replaced due to tree roots, roof drainage onto sidewalks.
ADA Accessibility	Some sidewalks ADA accessible, handicapped parking available
Site Signage	Marquee clear and good condition, no handicapped signage in parking
Playground Areas	Not ADA compliant, decomposed ground material
Condition	Fair condition, no safe-fall material, previous ground material very decomposed.
Accessibility	Playground not accessible, needs ramp
Athletic Areas	Concrete & asphalt surfaces have water ponding and cracking. Fields overgrown.
Landscaping/Irrigation	Shrubs pulled away from bldg. not ideal for security, Maintenance needed at back
Utilities & Drainage	Drainage done through swaling. Significant water ponding.
Dumpster Service Area	Shares main entry drive. Difficult for trucks to maneuver.
Site Lighting	Minimal site lighting, minimal parking light poles, athletic field lighting.
Security	No entry vestibule, card access at front door, security cameras not installed yet, remote bldgs - no security.
Chain Link Fencing	No chain link fencing around site. Doors must be open to access remote buildings
Ornamental Fencing	No ornamental fencing around site.

EXISTING SITE ASSESSMENT FORM

The information contained in this document comes from a range of sources in a limited time frame and may not be completely reliable. The intent of this survey is to obtain a general sense of the overall condition of the subject property and to identify particular areas or systems that may require more in-depth and verifiable study.

	Maintenance Cycle Schedule Years	Condition or Quality					Special Notes or Observations
		1	2	3	4	5	
Site work							
On-Site Utilities & Drainage							
Site Drainage / Erosion Control						<input type="checkbox"/>	Drainage done through swaling. Significant water ponding.
Storm Sewer Line						<input type="checkbox"/>	Some area drains. Significant water ponding
Sanitary Sewer Line						<input type="checkbox"/>	Poor locations, bldg/sidewalk drains have no access to storm drain
Water Supply Line / Sprinkler Supply Line						<input type="checkbox"/>	1956 Construction date, needs replacing
Gas Line						<input type="checkbox"/>	1956 Construction date, needs replacing
Electric Service Line / Phone Line						<input type="checkbox"/>	1956 Construction date, needs replacing
Site Lighting- Building and Parking Lots						<input type="checkbox"/>	Existing lighting, minimal
Exterior Concrete Pads & Pavement- Around building, mechanical yards						<input type="checkbox"/>	Most in fair condition with cracking
Fire Hydrants / Utility Vaults / Misc.						<input type="checkbox"/>	
Landscape & Irrigation							
Topsoil and finished grading condition						<input type="checkbox"/>	Shrubs pulled away from bldg. not ideal for security. Maintenance needed at back
Grass and Sod condition						<input type="checkbox"/>	Grass dying out adjacent to building foundation @ outer classrm wing
Trees / Plants / Shrubs / Ground Cover / Vines						<input type="checkbox"/>	Trees overhanging onto canopies/roofs, tree roots causing sidewalks to uplift
Landscape Maintenance						<input type="checkbox"/>	Grasses growing in gutters. Tree limbs have fallen on canopies/roof.
Site Irrigation System						<input type="checkbox"/>	
Site Parking & Drives							
Roads / Drives / Parking Areas						<input type="checkbox"/>	Overall fair condition.
Fire Lanes						<input type="checkbox"/>	Concrete fire lane with striping on both sides
Parking lot and fire lane striping						<input type="checkbox"/>	Inadequate parking. 36 Visitor, 22 staff. 3 accessible. Vis/staff park on street/grass
Traffic - Parking Control / Misc. Site Equipment						<input type="checkbox"/>	Drop-off/dismissal is from 3 different areas.
Curbs						<input type="checkbox"/>	Concrete curb/drive
Sidewalks							
Sidewalks / Steps / Ramps						<input type="checkbox"/>	Overall maintained/fair condition. Some cracking at sidewalks
Court Yards / Patios / Misc. Paving						<input type="checkbox"/>	Some accessible sidewalks. Curb ramp accessible & in good condition.
Outdoor Athletic Areas							
Play Fields						<input type="checkbox"/>	Concrete & asphalt surfaces have water ponding and cracking. Fields overgrown.
Tennis Courts						<input type="checkbox"/>	Grass overgrown, well lit, no seating/bleachers. Asphalt walking path.
Hard court play areas						<input type="checkbox"/>	Cracking asphalt, accessible.
Backstops						<input type="checkbox"/>	Damaged/rusted, only has 2 of the 3 sides
Playgrounds							
Play areas						<input type="checkbox"/>	Fair condition, no safe-fall material. previous ground material very decomposed.
Playground access for handicapped						<input type="checkbox"/>	Playground raised 6" above grade, not accessible
Playground equipment						<input type="checkbox"/>	Not accessible
Playground base material						<input type="checkbox"/>	Overall fair condition
Miscellaneous Exterior Site Items							
Site Lighting							
Cameras						<input type="checkbox"/>	Minimal lighting under canopies and in parking areas
Chain Link Fencing / Gates						<input type="checkbox"/>	Poor security. No fencing around site.
Ornamental Fencing / Gates						<input type="checkbox"/>	Cameras in process of being installed.
Misc. Structures							
Site Walls -Retaining / Screen						<input type="checkbox"/>	No chain link fencing around site. Doors must be open to access remote buildings
Dumpster Service Area						<input type="checkbox"/>	No ornamental fencing around site.
Site Signage- Directional / Handicapped						<input type="checkbox"/>	screen wall at dumpsters mismatched materials-painted CMU & brick
Site Furniture / Specialties						<input type="checkbox"/>	Shares main entry drive. Difficult for trucks to maneuver. Dumpster visible from drive
Misc. Site work / Recreational / Site Structures						<input type="checkbox"/>	Poor signage, minimal
ADA Compliance/Accessibility							
Compliant Sidewalks/Curbs						<input type="checkbox"/>	Outdoor seating in good condition, but no accessible route to seating
Compliant Ramps & Handrails						<input type="checkbox"/>	Adequate bicycle storage, some in grass w/ no sidewalk access.
HC & Van Accessible Parking Spaces						<input type="checkbox"/>	
Accessible routes from HC parking, Bus drop off & mass transit to front door						<input type="checkbox"/>	Overall fair conditions, can be improved
Average Site Grade:							4



BRAZOSPORT ISD



A.P. BEUTEL ELEMENTARY

300 Ligistrum

Lake Jackson, Texas 77566

EXTERIOR BUILDING INFORMATION

Exterior Building Cladding Materials:	Brick with Concrete masonry unit infill.
Roof Type:	Low slope, multiple penetrations
Exterior Window Materials:	Single pane, aluminum frame windows

General Notes:

Exterior Building Condition

Exterior Envelope

Poor. Paint/plaster peeling. Cracks at brick. Mold/algae growth at exterior

Wall Condition

Window Condition

Kitchen windows popping out, windows painted in remote bldg

Doors/Entrances

Poor. Paint discoloration. Inaccessible entries

Secure Entrance

Only card access at front entry, no entry vestibule

Foundation/Structure

Describe overall condition of foundation & structure

Roofing Areas

Mold growth on roof fascias & at gutter connection to roof, leaks in kitchen

Existing Warranty

Unknown at this time

Area for repair

Replacement for areas nearing end of life cycle.

Area for Replacement

Replacement for areas nearing end of life cycle.

Exterior Building Lighting

Minimal building lighting, most under canopies, exposed conduit

Kitchen dock/loading entry

No dock present, just driveway shared with dumpster access

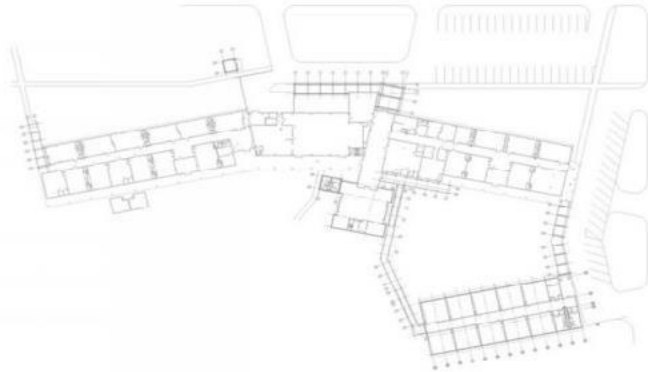
Canopies

Canopies have lighting and internal gutters.

Additional information

None.

BRAZOSPORT ISD



A.P. BEUTEL ELEMENTARY

300 Ligistrum

Lake Jackson, Texas 77566

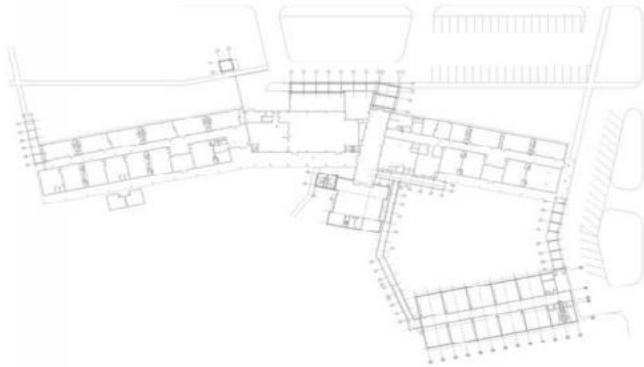
INTERIOR BUILDING AREAS

Circulation:	Ample circulation.
Interior signage:	Room number signage.
Layout:	Spread out, circulation into east wing is outdoors as is circulation to remote bldg. Security is a major concern.

General Notes:

Interior Building Areas

Classrooms	Classroom wings are separate from each other. Multiple points of entry.
SPED Classrooms	These programs take place in regular classrooms. No specialized rooms for Special Ed.
Science Labs	N/a.
Computer Labs	Only 1 computer lab. Not enough electrical/data
Art/Music	Acoustical ceiling tile(ACT), electrical conduits down walls, mostly CMU/brick, 12X12 ACT glued to wall.
Library	Accessible storefront entry, extinguishers behind shelving, exterior fire door not accessible. Lack of storage.
Cafeteria	Cafeteria is also used as gym. Slippery floors on humid days. Kitchen is small with one serving line
Kitchen/Serving	Roof leaks, paint peeling, not accessible, retrofitted freezer, no vent in RR
Gymnasium	VCT Floor has wear/chipping, doubled as Cafeteria, ceiling good condition.
Auditorium	Is gym/cafeteria. Does not fit visitors during performances.
Administration	Inadequate number of offices. No conference rm. Teacher's work room & lunch room are the same space.
Staff Work Areas	Parents work in teacher's work room as well when volunteering. Cramped. Inadequate storage
Clinic	



A.P. BEUTEL ELEMENTARY

300 Ligistrum

Lake Jackson, Texas 77566

INTERIOR FINISH INFORMATION

Flooring Types:	VCT, linoleum, and carpet
Walls:	Concrete masonry unit and brick
Ceilings:	Acoustic ceiling tile(ACT)

BRAZOSPORT ISD



General Notes:

Interior Building Condition

Ceilings	Visible leakage & ceiling replacement/patching
Floors	Vinyl composite tile(VCT)-cracking/pitting.Carpet-spots indicative of moisture/leaks.
Interior Wall Finishes	peeling paint @ CMU. ACT tiles glued to wall-mold growth. Wood veneer-good condition. Brick-some cracking in various areas.
Millwork	Termite damage @ some millwork. Laminate surfaces-some chipping in various areas.
Restrooms	non-accessible RR. Rusted hardware/partitions, ceramic tiles-good. Base -poor
Food Service Areas	Not ADA compliant. Kitchen-tile floor good, painted CMU-peeling, ACT ceiling-water leakage/replacements done.
Doors and Hardware	Some rusting doors, non-accessible hardware/some thresholds
ADA Compliance	Large percentage of interior spaces not ADA compliant, some updates have been made.

EXISTING INTERIOR FINISHES ASSESSMENT FORM

1= Excellent
 3= Fair
 5= Failure

2= Good
 4= Poor

Interior Building Conditions

Interior Building Finishes

Maintenance Cycle Schedule Years	Condition or Quality					N/A
	1	2	3	4	5	
Ceilings						<input type="checkbox"/>
Acoustical Ceilings						<input type="checkbox"/>
Ceiling Grid Condition						<input type="checkbox"/>
2 x4 or 2 x 2 tiles - condition and type						<input type="checkbox"/>
Vinyl Coated or Other type installed in grid system						<input type="checkbox"/>
Plaster Ceilings						<input type="checkbox"/>
Drywall Ceiling						<input type="checkbox"/>
Metal Ceilings						<input type="checkbox"/>
Exposed / Painted Ceilings						<input type="checkbox"/>
Soffit / Bulkhead Walls						<input type="checkbox"/>
Special Ceilings / Soundproofing / Misc.						<input type="checkbox"/>
Floors						
Carpeting						<input type="checkbox"/>
Resilient Flooring - VCT						<input type="checkbox"/>
Pavers / Slate / Marble						<input type="checkbox"/>
Quarry Tile						<input type="checkbox"/>
Ceramic Tile						<input type="checkbox"/>
Wood Flooring						<input type="checkbox"/>
Terrazzo Floor / Special Composition						<input type="checkbox"/>
Finish Concrete - (sealed)						<input type="checkbox"/>
Stair Finishes						<input type="checkbox"/>
Special Flooring / Misc. - Raised Access Flooring						<input type="checkbox"/>
Interior Wall Finishes						<input type="checkbox"/>
Interior Partition Construction						<input type="checkbox"/>
Wall Studs at interior columns						<input type="checkbox"/>
Glazed block & CMU corridor						<input type="checkbox"/>
Gypsum board at interior column furrings						<input type="checkbox"/>
Tape, Bed, Texture, & Paint interior column furrings						<input type="checkbox"/>
Studs insulation at interior face of exterior wall						<input type="checkbox"/>
Gypsum board at interior face of exterior wall						<input type="checkbox"/>
Tape, Bed, Texture, & Paint interior face of exterior wall						<input type="checkbox"/>

Special Notes
 or
 Observations

Poor to failing interior finishes.

Visible leakage & ceiling replacement/patching
 Some areas need replacing as leaks/wear have occurred.

2x4 ceiling tiles. Warped tiles in Cafeteria/corridors/some classrooms

Plywood being used under soffit maybe due to leakage, Mold growth under soffit in entry
 Acoustic tiles glued to wall of music room, mold growth.

Vinyl composite tile(VCT)-cracking/pitting. Carpet-spots indicative of moisture/leaks.
 stains/wear needs attention. Water spots from roof leaks. Some carpet bubbling.
 Areas of pitting/cracking/displacement in dense spaces. Some tiles pulling apart.

At Cafeteria stage
 Remote building-good condition throughout.

peeling paint @ CMU. ACT tiles glued to wall-mold growth. Wood veneer-good condition. Brick-
 some cracking in various areas.
 Mostly CMU/wood construction

Painted with some peeling

EXISTING INTERIOR FINISHES ASSESSMENT FORM

1= Excellent 2= Good
 3= Fair 4= Poor
 5= Failure

Maintenance Cycle Schedule Years	Condition or Quality				
	1	2	3	4	5
Interior Balcony Railings					<input type="checkbox"/>
Wall Surface Finishes & Veneers					<input type="checkbox"/>
Demountable / Folding / Office Partitions					<input type="checkbox"/>
Interior Louvers / Soundproofing / Misc.					<input type="checkbox"/>
Interior Wall Base & Trim					<input type="checkbox"/>
Misc. Finishes					<input type="checkbox"/>
Millwork Cabinets					<input type="checkbox"/>
Display Cases					<input type="checkbox"/>
Marker Boards					<input type="checkbox"/>
Building Directory					<input type="checkbox"/>
Corner Guards					<input type="checkbox"/>
Lockers					<input type="checkbox"/>
Mail Boxes					<input type="checkbox"/>
Interior Signage / Graphics -ADA Graphics					
Base Building Graphics & Signage					<input type="checkbox"/>
Interior Finish Graphics & Signage					<input type="checkbox"/>
A/V Equipment					<input type="checkbox"/>
A/V Projection Screens					<input type="checkbox"/>
Interior Window Blinds					<input type="checkbox"/>
Loading Dock Equipment					<input type="checkbox"/>
Digital clocks					<input type="checkbox"/>
Wireless access			<input type="checkbox"/>		
Conveying Systems					<input type="checkbox"/>
Freight Elevators					<input type="checkbox"/>
Cab Finishes					<input type="checkbox"/>
Passenger Elevators					<input type="checkbox"/>
Cab Finishes					<input type="checkbox"/>
Dumbwaiters / Lifts					<input type="checkbox"/>
Overall Restroom Condition & Finishes					
Restroom Walls					<input type="checkbox"/>
Restroom Ceilings					<input type="checkbox"/>
Restroom Fixtures					<input type="checkbox"/>
Toilet Partitions					<input type="checkbox"/>
Toilet Accessories					<input type="checkbox"/>
ADA accessibility					<input type="checkbox"/>
Food Service Areas					
Equipment					<input type="checkbox"/>
Serving lines					<input type="checkbox"/>
Dish return area					<input type="checkbox"/>
Dry storage pantry					<input type="checkbox"/>
Food freezer and refrigerator					<input type="checkbox"/>
Exhaust Hood					<input type="checkbox"/>
Flooring material and base					<input type="checkbox"/>
Ceiling material					<input type="checkbox"/>
Wall Material and finish					<input type="checkbox"/>

Special Notes or Observations
Painted CMU-peeling, Wood panels-fair condition, vinyl siding-fair condition, Brick- cracking
Rubber base trim replaced several times
Termite damage @ some millwork. Laminate surfaces-some chipping in various areas.
Not present in all classrooms
Not present.
Not present.
Mostly not present, only in updated areas
Not present in all classrooms
Some whiteboards used as screens, all screens hung from ACT
Not present in most classrooms
Not present - Analog clocks throughout building
non-accessible RR. Rusted hardware/partitions, ceramic tiles-good. Base -poor
Overall good conditions throughout
Mostly good condition
Some mirror delamination and rusting
frames are rusting
not ADA compliant
No restroom is ADA compliant except for remote bldg & RR addition
Not ADA compliant. Kitchen-tile floor good, painted CMU-peeling, ACT ceiling-water leakage/replacements done.
Outdated
Components are outdated, and no water service is provided
Functional but aged and showing wear
Undersized
Aged and showing wear.
Not code compliant
Ceramic tile floor/base aged and showing wear
Acoustic ceiling tiles aged and showing wear
Damaged at various plumbing penetrations.CMU painted walls, paint is chipping/peeling

EXISTING INTERIOR FINISHES ASSESSMENT FORM

1= Excellent
 3= Fair
 5= Failure

2= Good
 4= Poor

	Maintenance Cycle Schedule Years	Condition or Quality					Special Notes or Observations
Staff restroom						<input type="checkbox"/>	Not ADA Compliant. No vent.
Separate Locker room						<input type="checkbox"/>	Provided but area is very small
Food Service Office						<input type="checkbox"/>	Inadequately small. Located inside kitchen work area
Interior Doors & Hardware							
Interior Storefront / Glazed Walls / Borrow Lites						<input type="checkbox"/>	Some rusting doors, non-accessible hardware/some thresholds
Interior Storefront / Entry Doors						<input type="checkbox"/>	ADA compliant
Interior Doors (including frames)						<input type="checkbox"/>	Mostly wood in worn condition, some thresholds not ADA, some doors have no threshold
Interior Overhead / Rolling Doors & Grilles						<input type="checkbox"/>	
Special Doors						<input type="checkbox"/>	Not accessible
Interior Hardware						<input type="checkbox"/>	
Interior Door Panic Hardware						<input type="checkbox"/>	Base trim replaced in several areas, cabinets have termite damage, laminate finish chipping.
Interior Wall Base & Trim / Cabinets / Misc. Finishes						<input type="checkbox"/>	Large percentage of interior spaces not ADA compliant, some updates have been made.
Interior ADA Compliance & Accessibility							
Restrooms - Fixtures & Accessories						<input type="checkbox"/>	Not ADA compliant except remote bldg addition
Drinking Fountains						<input type="checkbox"/>	Not ADA compliant
Interior Ramps						<input type="checkbox"/>	Not present
Interior Signage						<input type="checkbox"/>	Most classrooms not ADA compliant, larger spaces compliant
Interior Doors and Hardware						<input type="checkbox"/>	Not ADA compliant
Millwork/Fixed Workspaces						<input type="checkbox"/>	
Other?						<input type="checkbox"/>	
ACM Materials							
Presence of ACM Materials suspected?						<input type="checkbox"/>	ACM is not suspected to be present.
Building Code Requirements							
Building code requirements met?						<input type="checkbox"/>	No
Energy code requirements met?						<input type="checkbox"/>	Unknown at this time.
Fire code requirements met?						<input type="checkbox"/>	Unknown at this time.
Average Interior Grade:							3



BRAZOSPORT ISD



A.P. BEUTEL ELEMENTARY

300 Ligistrum

Lake Jackson, Texas 77566

PROJECT INFORMATION

HVAC Unit Brand/Models: Unknown at this time.

Current Design Capacity: Unknown at this time.

Current Load: Unknown at this time.

General Notes:

Mechanical Systems

Warranty	Unknown at this time
Central Plant	Expand Central Plant area/room; replace all equip except chiller.
Roof Top Units	Recommend Replacement of 15 roof fans & 4 roof-mtd HVAC units
Ductwork	Replace ductwork which is the oldest area of the building.
EMS	Recommend completing upgrade when installing new HVAC eqpmt.

Electrical Systems

Classroom Lighting	Condition: unknown at this time
Corridor Lighting	Condition: unknown at this time
Primary Power	Primary power: MSB new.
Panels	Original panel bd to be upgraded/replaced; new SqD panels are good.
Clock/Bell/ PA	Bogan system in good condition. Recommend an upgrade due to age.

Plumbing Systems

Main Water Supply	Replace pipe due to age (a lot of galvanized pipe for water supply)
Drinking fountains	Functional, not ADA compliant.
Toilet Fixtures	ADA Compliant
Lavatory Fixtures	ADA Compliant.

Life Safety Systems

Fire Sprinkler	Not sprinklered.
Fire Extinguishers	Condition: Unknown at this time.
Fire Alarm	FA Present. Good condition, recommend upgrade for

Technology

Power/data	Inadequate.
Wireless	Yes.

MEP SYSTEMS ASSESSMENT FORM

1= Excellent
3= Fair
5= Failure

2= Good
4= Poor

MPE&FP Systems

Maintenance Cycle Schedule Years	Condition or Quality				
	1	2	3	4	5

Special Notes or Observations

HVAC

Central Plant (including chillers, pumps, piping, valves, controls, & risers)					<input type="checkbox"/>		Expand Central Plant area/room; replace all equip except chiller.
Roof Mounted HVAC equipment (OA units, exhaust/stair press fans, etc.)					<input type="checkbox"/>		Recommend Replacement of 15 roof fans & 4 roof-mtd HVAC units
Main vertical trunk ducts through roof & floors (including rated chases)					<input type="checkbox"/>		Replace ductwork which is the oldest area of the building.
Main horizontal trunk duct					<input type="checkbox"/>		Replace ductwork which is the oldest area of the building.
Perimeter zone low pressure ductwork & diffusers (T-bar slots)					<input type="checkbox"/>		Unknown at this time
Interior zone Variable Air Volume Boxes					<input type="checkbox"/>		Unknown at this time
Interior zone low pressure ductwork & diffusers					<input type="checkbox"/>		Unknown at this time
Ceiling mounted return air grilles					<input type="checkbox"/>		In oldest area of building needs to be replaced.
Return air silencers at main return air intake					<input type="checkbox"/>		In oldest area of building needs to be replaced.
All necessary fire dampers and smoke detectors as required by code					<input type="checkbox"/>		Unknown at this time.
All restroom exhaust fans, ductwork, and electrical connections					<input type="checkbox"/>		Not all exhaust were running during school operation as needed.
Electrical connections to all roof mounted equipment					<input type="checkbox"/>		Properly support conduits & provide protection; repair/replace broken
Electrical connections to all Central Plant equipment					<input type="checkbox"/>		
DDC Control points for all roof mounted equipment					<input type="checkbox"/>		Complete installation of DDC; remove old leaking Pneum. Sys (hybrid)
DDC Control points for all internal base building mounted equipment			<input type="checkbox"/>				
DDC Control points for all internal tenant building mounted equipment					<input type="checkbox"/>		Unknown at this time.
DDC control points for all VAV's					<input type="checkbox"/>		Unknown at this time.
Structure trim and curbing for roof mounted equipment			<input type="checkbox"/>				
Energy Management System			<input type="checkbox"/>				Recommend completing upgrade when installing new HVAC eqpmt.
HVAC system must meet NC-35 for noise criteria in occupied spaces							Unknown at this time
Wall mounted thermostats							Unknown at this time
Warranties still in effect							Unknown at this time

Plumbing

Main domestic water supply					<input type="checkbox"/>		Replace pipe due to age (a lot of galvanized pipe for water supply)
Water heater systems (including piping & install)					<input type="checkbox"/>		Age & condition of water heater systems to be determined
Sanitary waste water lines					<input type="checkbox"/>		Piping observed thru cleanout appears in good condition
All condensate piping and drainage					<input type="checkbox"/>		Condensate pipes on roof -- damaged, disconnected, shortens roof life
Building roof drainage piping					<input type="checkbox"/>		Gutter system has failed in many areas & is full of debris through out
Toilet Fixtures - Condition and Type					<input type="checkbox"/>		ADA Compliant
Flush Valves - Condition and type					<input type="checkbox"/>		
Lavatories - Condition and Type					<input type="checkbox"/>		ADA Compliant.
Faucets - Condition and Type					<input type="checkbox"/>		
Electrical Water coolers - Condition and Type/ ADA					<input type="checkbox"/>		Functional, not ADA compliant.

MEP SYSTEMS ASSESSMENT FORM

1= Excellent
3= Fair
5= Failure

2= Good
4= Poor

	Maintenance Cycle Schedule Years	Condition or Quality					Special Notes or Observations
Electrical							
Primary Service & Equipment		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Primary power: MSB new.
Power company transformer		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	same as above.
Main building switchgear including breakers		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown at this time.
Distribution Feeders		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Original panel bd to be upgraded/replaced; new SqD panels are good.
Panels (HVAC, Lighting, & power)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Condition: unknown at this time
Classroom lighting and type		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Condition: unknown at this time
Corridor lighting and type		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown at this time
Light fixture Feeders		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Wall Switches		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown at this time
Receptacles		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown at this time
Equipment Connections		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown at this time
Electric Heating		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Bogan system in good condition. Recommend an upgrade due to age.
Clocks/Bells/PA Systems		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown at this time
Telephone/Data Outlets		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown at this time
UPS Systems		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Life Safety Systems							
Sprinkler Main Riser		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not sprinklered.
General Building Wet Pipe System (per code)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown at this time
Sprinkler Heads - Condition and type		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Base Building Fire Alarm System (fully addressable)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	FA Present. Good condition, recommend upgrade for code compliance
All Data Points & associated wiring		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown at this time
Fire Alarm Annunciation Panel		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	None
Horn Strobes & wiring		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Recommend upgrade for current code compliance
Fire Alarm Pulls		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Recommend upgrade for current code ompliance
Emergency Lighting		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Adequate: Battery pack wall mounted two lamp fixtures.
Exit Signage		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Recommend replacement, appx. 1/2 not working
Fire Extinguisher cabinets per code		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown at this time.
Fire Extinguishers		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Condition: Unknown at this time.

A.P. BEUTEL ELEMENTARY

Existing photos



A.P. BEUTEL ELEMENTARY

Existing photos



A.P. BEUTEL ELEMENTARY

Existing photos



A.P. BEUTEL ELEMENTARY

Existing photos



A.P. BEUTEL ELEMENTARY

Existing photos



Definitions and Discussion

FACILITY CAPACITY – EXPLANATION

- Design Capacity
 - Each room is assumed to be full at all times during the day
- Functional Capacity
 - Takes into account how the school is being utilized
 - General classrooms
 - Labs
 - Electives/non-core (MS and above)
 - Special education
 - Intervention rooms
 - Specials
- Actual Capacity
 - Actual enrollment at the school based on most recent PIEMS data

EDUCATIONAL ADEQUACY

- How well the school is equipped for today's education:
 - Capacity model shows balance - neither overcrowding or under-utilization
 - Technology integration and access into the facility
 - Room arrangement and amenities
 - Flexible, collaborative spaces
 - Program spaces
 - Media center functionality and relevance
 - Science laboratories and equipment
 - Playgrounds and athletic facilities
 - Career and Technical Education spaces
 - Spaces for intervention, special education and special needs

Demographic Study

DEMOGRAPHIC STUDY

- A Demographic Study is useful to assist in long range planning as it relates to either growth or decline as well as shifts in populations or groups and their makeup.
- Future developments can be anticipated and planned for.
- The Methodology:
 - Use of a leading indicators model for employment
 - Use of projections of housing throughout the District to develop projections, by location, of added students annually over a ten-year period
 - Cohort-survival procedure to define long-range District-wide projections, based on retention, advancement, and attrition as well as housing starts and employment trends

POPULATION & SURVEY ANALYSIS

- Demographic Approach for BISD
 - Brazosport ISD demographic trends
 - Employment trends
 - Industry growth or restructuring
 - Housing projections
 - Ratios: students per household
 - Current student population characteristics
 - Projected student enrollment
 - Long range planning
 - Attendance zones and feeder pattern models
 - Capacity model

DEMOGRAPHIC STUDY

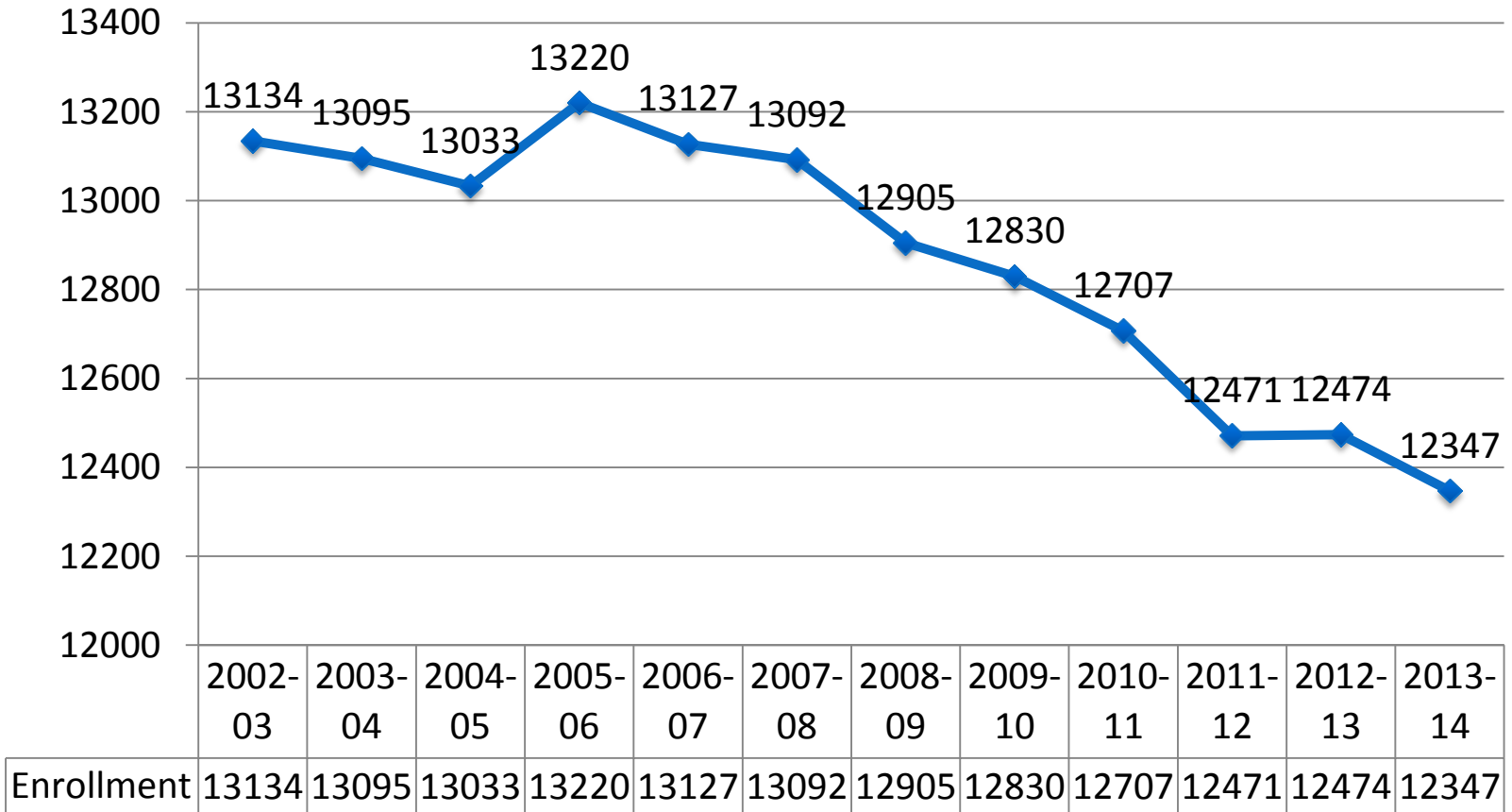
- Demographic Study

(Conducted by Templeton Demographics in 2014)

- Report Highlights

- BISD student population decreased by 787 students from 2002-03 to 2013-14
- Full report will be presented to this committee at April 24 meeting.

DEMOGRAPHIC PROFILE



21st Century Learning Environments

21st CENTURY LEARNING

- Collaboration and Teamwork
- Augmented by technology
- Real-World relevance



21st CENTURY LEARNING

- Flipped Classrooms
 - Lecture/Information Content delivered on-line, off hours
 - Self-paced
 - Retrievable
 - Instructor chat on-line
 - Class time used for collaborative learning, project based learning, instructor facilitating



PROJECT BASED LEARNING

- Relevance of curriculum to real-world problems and processes.
- Hands-on approach
- Teamwork
- Collaboration



PROJECT BASED LEARNING



Career and Technical Education

CAREER AND TECHNICAL EDUCATION (CTE)



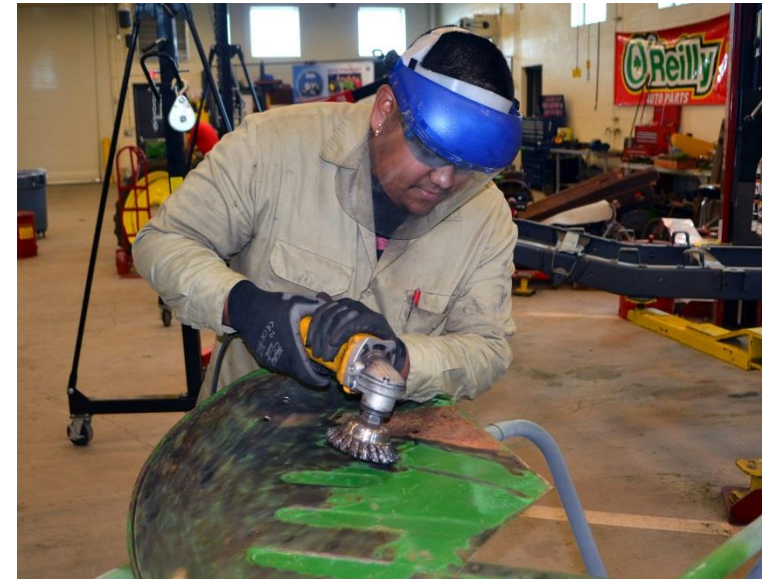
CTE TODAY

- 21st century *workplace* trends applied to the 21st century *learning* environment
- Broad knowledge-base and experience - compiling the best solutions across market sectors
- Technology
- Innovation



CTE TODAY

- Understand the current Endorsements
- Understand the market – the needs, the student preferences
- Understand the future of the markets
- Understand the alignment of education and work place and the alignment of both for Brazosport ISD students
- Understand the work/learning environment
 - Collaboration
 - Flexibility
 - Future needs



DUBISKI CTE CENTER | GRAND PRAIRIE ISD



DUBISKI CTE CENTER | GRAND PRAIRIE ISD



DUBISKI CTE CENTER | GRAND PRAIRIE ISD

- Full Day Comprehensive High School Model
- Partnered with District to develop program; not an expansion of existing CTE but a re-invention.
- Researched job boards for future employment needs before setting program
- Facility is entirely flexible to accommodate program changes – no bearing walls
- Break out and collaboration spaces facilitate project-based learning curriculum and professional environment



TYLER ATCC | TYLER ISD



TYLER ATCC | TYLER ISD

- Half Day “Block” Model
- Defined Program and curriculum with district
- Defined program based upon district need and reviewed all options available
- Worked with local colleges on curriculum subject matter
- Open and Flexible Spaces

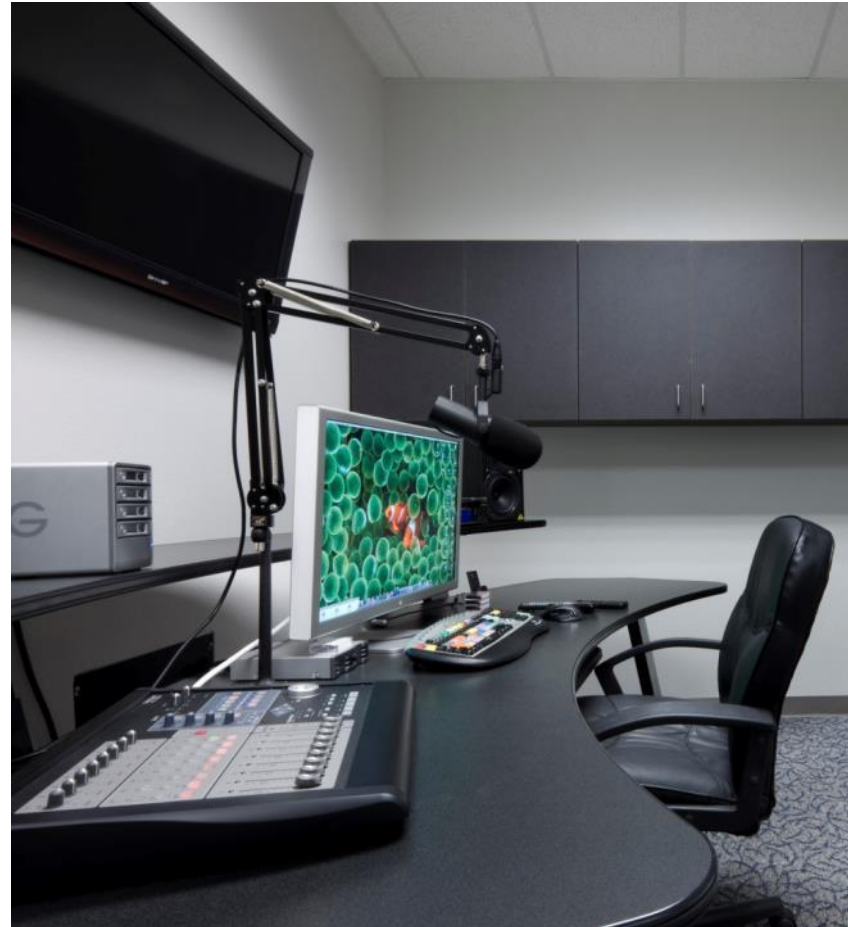


NORTHWEST HIGH SCHOOL | NORTHWEST ISD



NORTHWEST HIGH SCHOOL | NORTHWEST ISD

- Specialized Classroom Model
- State of the art Television Studio
- Media Arts Technology Academy
- Understanding of Technology needs
- Real world production



EATON HIGH SCHOOL | NORTHWEST ISD



EATON HIGH SCHOOL | NORTHWEST ISD

- Project Based Learning High School
- Flexible Professional Environment
- International Business and Entrepreneurial Academy
- Defined Program needs with district



NORTHSIDE CULINARY AND CTE | FORT WORTH ISD



NORTHSIDE CULINARY AND CTE | FORT WORTH ISD

- Magnet “Academy” Program
- Total integration of video technology with tracking cameras
 - Live feed into dining area and classrooms
 - Video capture for re-broadcast or distance learning
- Professional Chefs as instructors
 - Developed real-world curriculum
 - Designed real-world spaces and equipment
- Facility is one of District’s “Gold Seal” choice programs to serve all students
- Adjacent High School offers pathway courses
- Students in the program are the best ambassadors



TSTC/RED OAK – INDUSTRIAL TECHNOLOGIES



TSTC/RED OAK – INDUSTRIAL TECHNOLOGIES

- Higher Ed Partnership
- District worked with Red Oak/ TSTC to define program
- Community industries involved in curriculum development
- Dual Credit encouraged with district
- Shared resources provided
- for common goals



SCHEDULE OVERVIEW - 2014

Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.
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Visioning
Feb. 25
B.O.T.

Consultant Facility
Assessments

Demographic
Study/Analysis

Financial Analysis

Committee Work



Board
Calls
Election



Election
Day Nov. 4

PAC Work

MEETING DATES

- FIRST MEETING
 - Thursday, 3/27/14: 6:00-7:30pm
- SECOND MEETING
 - Thursday, 4/10/14: 6:00-7:30pm
- THIRD MEETING
 - Thursday, 4/24/14: 6:00–7:30pm
- FOURTH MEETING
 - Wednesday, 5/14/14: 6:00–7:30pm
- FIFTH MEETING
 - Tuesday, 5/27/14: 6:00–7:30pm
- SIXTH MEETING
 - Thursday, 6/12/14: 6:00–7:30pm

Additional meetings as needed

- Tours: Saturday bus tour of all facilities – tentative April 26 starting early