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

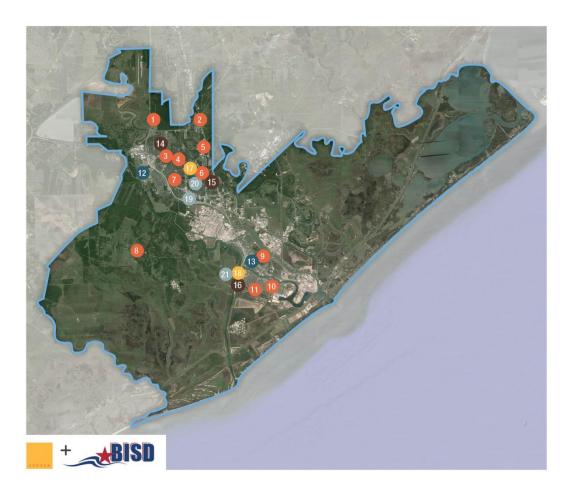
INTRODUCTIONS

Chairperson

Secretary

Background Information

CURRENT DISTRICT MAP (OVERALL)



BRAZOSPORT ISD

ELEMENTARY SCHOOLS

- 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

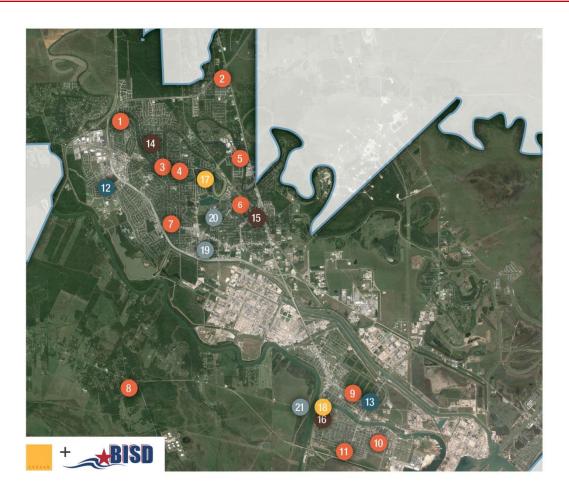
HIGH SCHOOLS

- 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
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- 8. Stephen F. Austin Elementary School
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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

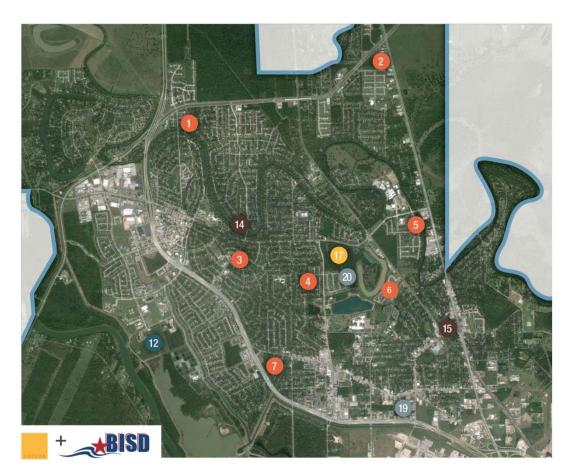
ADDITIONAL FACILITIES

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

Transportation

- Maintenance
- 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

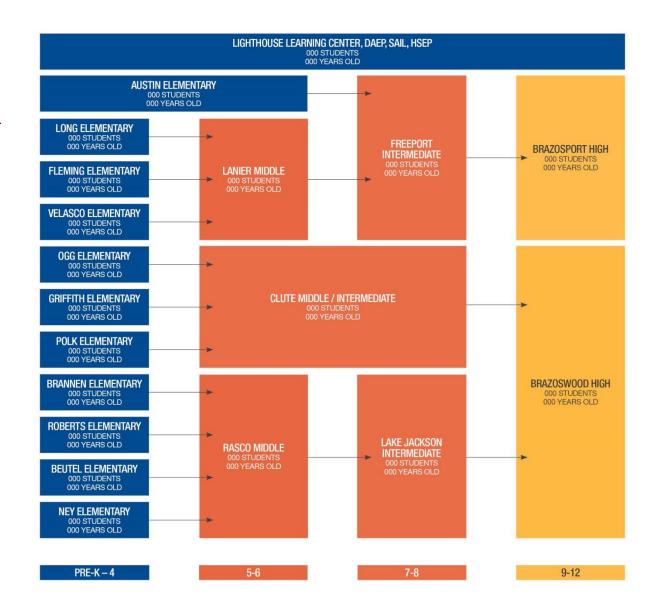
18. Brazosport High School

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

|--|

	Site/ Roads, Parking, Playground, Utilities	7%
EXTERIOR		
	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 S	YSTEMS	
	Mechanical	12%
	Electrical	10%
	Plumbing	6%
	Life Safety	5%
	Technology	<u>4%</u>
		100%



LIFE CYCLE EXPECTATIONS

Mochanical

LIFE CYCLE EXPECTATIONS FOR BUILDING, PLANT, EQUIPMENT, SYSTEMS

(All Designated in Maximum Expected Years of Service)

Wechanical		Electrical	
Boiler	25	Switchgear	30
Chiller	20	Transformer	30
Cooling Tower	25	Circuit / Outlets	20
Condenser	20	Lighting	20
Pumps	15	Motors	15
Instrumentation	10		
Ductwork	30		
Fans	15	Plumbing	
Coils	25	Drinking Fountains	10
Grilles	25	Water Heaters	20
RTU (Exterior)	15		
Split Systems	10	Other	
Steel Pipe	25	Kitchen Equipment	15
Copper Pipe	35	Carpet	10-15
Cast Iron Pipe	35	Paint	5
		Ceramic Tile	50
Life Safety		Glazed Block	50
Fire Alarm	20	VCT	50
Smoke / Heat Detector	10	Roofing	10-15
Fire Sprinkler System	25	Masonry	50
		•	

Electrical

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%	Replacement Costs
2 = 21%-39%	Replacement Costs
3 = 40%-59%	Replacement Costs
4 = 60%-79%	Replacement Costs
5 = 80%-100%	Replacement Costs

SAMPLE PASSING ASSESSMENT

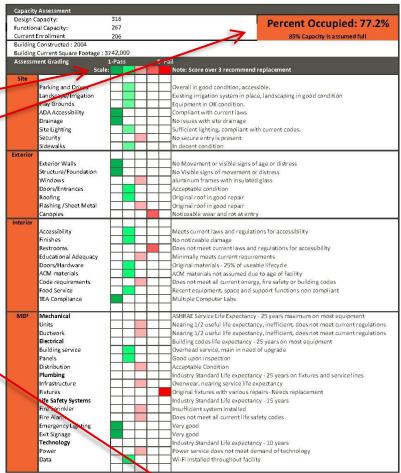
Key Items:

- 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.

Elementary School

EXECUTIVE SUMMARY

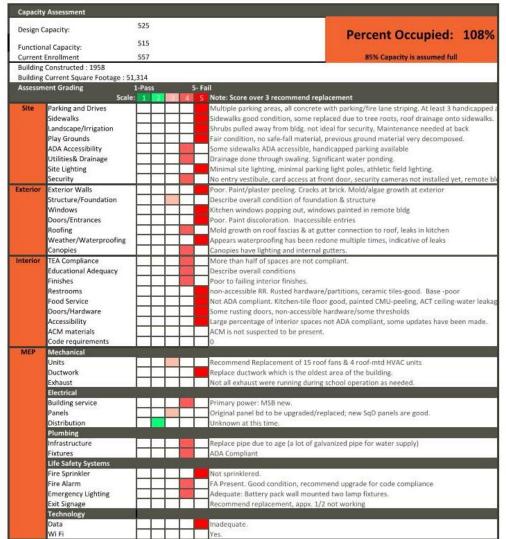




Total Score - 2.32

EXECUTIVE SUMMARY





Total Score - 4.42

EDUCATION ADEQUACY ASSESSMENT

Average grade:

3= Fair 4= Poor 5= Failure Maintenance Cycle Condition Schedule Years Quality 1 2 3 4 5 N/A **EDUCATION ADEQUACY** Classroom Educational Adequacy Power Technology Classroom size Marker board/ tack board ecial Education Classroom Rooms Restrooms 0 Accessibility 0 Showers 0 Science Room Air Exchanges Demo tables Sink 0 Eye wash 0 Fire Blanket 0 0 Showers Utility shut off Fume hood 0 Prep rooms Media Center 0 Technology Reading area Power letic Facilities Outdoor courts Outdoor fields Playgrounds Gymnasium Locker rooms puter Facilities Technology Room size Electrical & Data 0 Art Facilities Kiln/ kiln vent Demo table Vocational Rooms Demo tables Sink Eye wash Power Technology

1= Excellent

2= Good

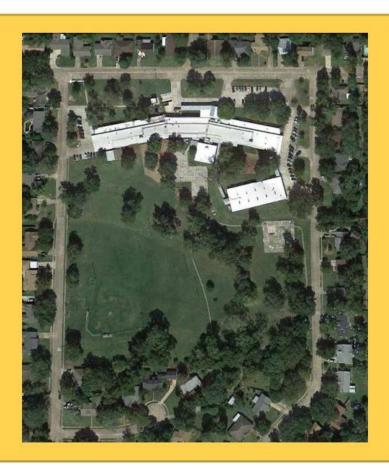
	Special Notes
	or
	Observations
Describe ou	verall conditions
Describe of	erail conditions
Ÿ.	
Special Ed	Classroom is regular room, not specific to function.
<u> </u>	MOTE TO THE TOTAL
	available, but not accessible.
	c, not accessible
No showers	
No science	rooms present.
<u> </u>	
4	
10	
Library	
	omputers. Smart board and projector.
	emputers. Smart board and projector.
	emputers. Smart board and projector.
	omputers. Smart board and projector.
	omputers. Smart board and projector.
	omputers. Smart board and projector.
1 table of co	
1 table of co	omputers. Smart board and projector. used as gym for PE.
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Building Capacity Analysis

2000 E000	L	10-00-004-00		14,0000	AND DESCRIPTION OF	120000000000000000000000000000000000000	Functiona	
Rm No.	Room Name	Function		Area	Meets TEA	Design Capacity	Capacity	
	8			720	· ·	22	- 10	
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	Υ	NA	NA	
13	Garapetian	Classroom	1st Grade	675	N	18	19	
14	Skeete	Classroom	1st Grade	600	Ň	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	Υ	NA	NA	
21	Vanderheid / Music	Classroom	Music	975	Υ	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	Υ	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	
Vorkroom	Tally Workroom	Break Room	Admin Office	315	NA	NA	NA	

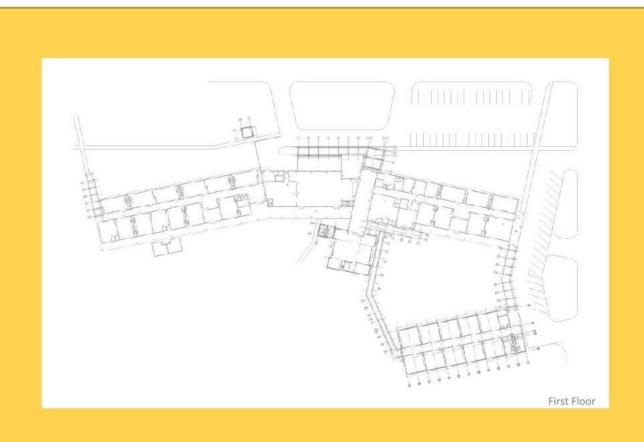
Site Plan





Floor Plans







300 Ligistrum Lake Jackson, Texas 77566

Lake Jackson, Texas 77500
86 total, 3 handicapped
Parking & drop-off/pick-up inadequate
Drop-off & pick-up inadequate.
Dismissal of students occurs in 3 different areas.



	General Notes:
ite 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, roodrainage 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 acces 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 relight and verifields study.

	95 8	1000				-	201	NACC CONTRACTOR OF THE PROPERTY OF THE PROPERT
	Maintenance Cycle			dition	1	Γ	7	Special Notes
	Schedule			or		ı	П	or
Site work	Years	Ļ	2	ality				Observations
On-Site Utilities & Drainage		1	2	3 4	+ 0	NY	~	Drainage done through swaling. Significant water ponding.
Site Drainage / Erosion Control	101 0	Т	П		П	Т	٦.	Some area drains. Significant water ponding
Storm Sewer Line			\vdash		-	۲	1	Poor locations, bldg/sidewalk drains have no access to storm drain
Sanitary Sewer Line		Т	Н	_		t	1	1956 Construction date, needs replacing
Water Supply Line / Sprinkler Supply Line			Н		0	۲	1	1956 Construction date, needs replacing
Gas Line			П		0	t	1	1956 Construction date, needs replacing
Electric Service Line / Phone Line			П	\top		t	1	1956 Construction date, needs replacing
Site Lighting- Building and Parking Lots		_	Н	1	0	t	1	Existing lighting, minimal
Exterior Concrete Pads & Pavement- Around building , mechanical yards						Г	1	Most in fair condition with cracking
Fire Hydrants / Utility Vaults / Misc.	Vol. No.		П		1	T	1	20 <u></u>
(2 						Γ	1	
Landscape & Irrigation		133				į.		Shrubs pulled away from bldg, not ideal for security, Maintenance needed at back
Topsoil and finished grading condition						L]	27-24-00 20-24
Grass and Sod condition					0	L	1	Grass dying out adjacent to building foundation @ outer classrm wing
Trees / Plants / Shrubs / Ground Cover / Vines				_		L		Trees overhanging onto canopies/roofs, tree roots causing sidewalks to uplift
Landscape Maintenance			-	11		L		Grasses growing in gutters. Tree limbs have fallen on canopies/roof.
Site Irrigation System				\perp			1	AND THE REAL PROPERTY AND
	9.5	100				L	J	##
Site Parking & Drives		4454	-				Ļ	Overall fair condition.
Roads / Drives / Parking Areas		L	Н		4	L	4	
Fire Lanes			Н	0	_	₽	4	Concrete fire lane with striping on both sides
Parking lot and fire lane stripping			Н	4	_	╄	4	Inadequate parking, 36 Visitor, 22 staff, 3 accessible. Vis/staff park on street/grass
Traffic - Parking Control / Misc. Site Equipment		⊢	Н	+	0	₽	4	Drop-off/dismissal is from 3 different areas.
Curbs		H	Н	-	0	₽	4	Concrete curb/drive
	76	L	ш	1	_	L	J	Constitution of the consti
Sidewalks Steps / Ramps		_	т	In			٩.	Overall maintained/fair condition. Some cracking at sidewalks Some accessible sidewalks. Curb ramp accessible & in good condition.
Court Yards / Patios / Misc. Paving		-	Н	ᅮ	-	٠	4	Lots of water ponding
Coult raius (raiba / misc. rainig		-	Н	+	۳	۰	4	Lots of Mater politicity
Outdoor Athletic Areas		1985	-00000	45	0.0	100	8	Concrete & asphalt surfaces have water ponding and cracking. Fields overgrown.
Play Fields			П	$\overline{}$	То	Т	٦.	Grass overgrown, well lit, no seating/bleachers. Asphalt walking path.
Tennis Courts		_	Н	1		0	1	
Hard court play areas				7		-	1	Cracking asphalt, accessible.
Backstops			\vdash	3	0	t	1	Damaged/rusted, only has 2 of the 3 sides
13 - 137/13/2010			П	\top	\top	t	1	
Playgrounds		1200	-0.5%	48	400	112		Fair condition, no safe-fall material, previous ground material very decomposed.
Play areas	70 8				0	Γ	1	Playground raised 6" above grade, not accessible
Playground access for handicapped				Т	0	L]	Not accessible
Playground equipment						Γ]	Overall fair condition
Playground base material	- 84 0	138		ž	0	Г]	Decomposed mulch, weeds/grasses growing
And the second s						Γ]	VA
Miscellaneous Exterior Site Items		1000				Г]	32
Site Lighting				100	0		3	Minimal lighting under canopies and in parking areas
Site Security						Ţ	Ι.	Poor security. No fencing around site.
Cameras	- 12		-	2		L	4	Cameras in process of being installed.
Chain Link Fending / Gates			Н	1	0	L	4	No chain link fencing around site. Doors must be open to access remote buildings
Omamental Fencing / Gates		_	ш	_		L	J	No ornamental fencing around site.
Misc. Structures		20000		100			4	The second of th
Site Walls -Retaining / Screen		-	Н	4	_	╄	4	screen wall at dumpsters.mismatched materialspainted CMU & brick
Dumpster Service Area		H	Н	+	0	₽	4	Shares main entry drive. Difficult for trucks to maneuver. Dumpster visible from drive
Site Signage- Directional / Handicapped			\vdash	+	0	۰	4	Poor signage, minimal
Site Furniture / Specialties Misc. Site work / Recreational / Site Structures		H	\vdash	+	0	۰	4	Outdoor seating in good condition, but no accessible route to seating Adequate bicycle storage, some in grass w/ no sidewalk access.
MISC. DIE WORK / RECEBBIONAL / SITE STRUCTURES	_:	-	Н	+	+-	۰	+	Adequate proyote storage, some in grass writo sidewark access.
ADA Compliance/Accessibility	_	H	+	+	-	۰	+	Overall fair conditions, can be improved
Compliant Sidewalks/Curbs		H	+	-	+	۰	4	Mostly compliant
Compliant Sidewalks/Curbs Compliant Ramps & Handralis		\vdash	+	诺		۰	4	Curb ramp compliant, no handrails
HC & Van Accessible Parking Spaces		-	\vdash	- 6		۰	-	At least 3 spaces on site-all compliant
Accessible routes from HC parking, Bus drop off & mass transit to front door		-	+	- 6		۰	1	Not directly to main entry, but direct access to side entry
resonance relates from the painting, but unique an actual to from door		-	+	+-	+	۰	4	THE SHOOM TO THE PROPERTY OF T
4 0 0 1			Н	+	+	۰		
Average Site Grade:		4		J.	1	ᆫ	- 4	



Lake Jackson, Texas 77566 300 Ligistrum

EXTERIOR BUILDING INFORMATION

Exterior Building Cladding

Materials: **Roof Type:**

Exterior Window Materials: Single pane, aluminum frame windows

BRAZOSPORT ISD

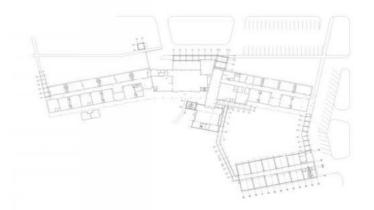


	General Notes:
terior Building Condition	
Exterior Envelope	
Wall Condition	Poor. Paint/plaster peeling. Cracks at brick. Mold/algae growth at exterior
Window Condition	Kitchen windows popping out, windows painted in remote bldg
Doors/Entrances	Poor. Paint discoloration. Inaccessible entries
Secure Entrance	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.

EXISTING EXTERIOR BUILDING ASSESSMENT FORM

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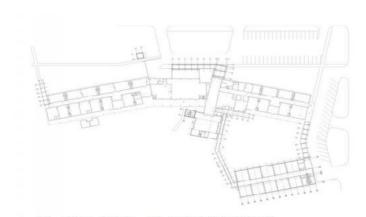
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Selection State St							1 m
Foundations (Paris Footogo 10 10 10 10 10 10 10 1	Idina Structure/Foundation	Years	113			5 N/A	
Growte branch Spour Function Value Spour Function V			П	Ť	_	0.007	Second of the Condition of Tourisday, & Second
Foundation Wate Special Foundation Made Spec	Piers / Caissons / Piles / Footings		\vdash	П			S S
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Balanters Black and Carlotes Interior Black	Foundation Walls	107 17		П		0	1 No.
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Severated Research (Column Systems Research Column Sys	Sub-base - For All Bidg. Slabs			П			
Sourced Floor Microsome Systems Fingeopolity Sourced State Microsome State State Micros		20 10				0	(<u>/</u>
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300 Ligistrum	Lake Jackson, Texas 77566
INTERIOR BUILDING ARE	EAS
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 Area	s
Classrooms	Classroom wings are separate from each other. Multiple points of entry.
SPED Classrooms	These programs take place in regular classroms. 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.
Staff Work Areas	Teacher's work room & lunch room are the same space. Parents work in teacher's work room as well when volunteering. Cramped. Inadequate storage
Clinic	



300 Ligistrum Lake Jackson, Texas 77566

INTERIOR FINISH INFORMATION

Flooring Types: VCT, linoleum, and carpe

Walls: Concrete masonry unit and brick

Ceilings: Acoustic ceiling tile(ACT)



	General Notes:				
Interior Building Cond	lition				
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 surfactions some chipping in various areas.				
Restrooms	non-accessible RR. Rusted hardware/partitions, ceramic tiles-g 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

	Maintenance Cycle Schedule Years			ondit or Quali			
r Building Conditions	1	.1	2	3	4	5	N/A
erior Building Finishes		10 0 10 0					
Ceilings		0 0					0 0
Acoustical Ceilings	292	0-0	П				
Ceiling Grid Condition	6-32 G	0-0					
2 x4 or 2 x 2 tiles - condition and type	19,67						
Vinyl Coated or Other type installed in grid system			П				
Plaster Ceilings	99, 76 99, 240045 240		П				
Drywall Ceiling	0.00		Г		- 2		
Metal Ceilings		0 0	П				0
Exposed / Painted Ceilings	292	0-0	П	7		П	0
Soffit / Bulkhead Walls	200	0 - 0	П		-6		
Special Ceilings / Soundproofing / Misc.	10.07		П			П	0
Floors	10,00		Г			П	
Carpeting	NA. 50		П				
Resilient Flooring - VCT	2002		Г		- 2		
Pavers / Slate / Marble		0-8		17-19			0
Quarry Tile	282	C	Г		- 9		0
Ceramic Tile	1987		Г				
Wood Flooring	10.00		Г				
Terrazzo Floor / Special Composition	10 H		П				
Finish Concrete - (sealed)	NA. 50		П				0
Stair Finishes	2002	0 0	Г			П	0
Special Flooring / Misc Raised Access Flooring		0 0					
Interior Wall Finishes	(C) 75 (C)				9	0	
Interior Partition Construction	No. 19		П	Ų.	0		
Wall Studs at interior columns	200			. 3	0	П	
Glazed block & CMU corridor		-	Г	1		П	
Gypsum board at interior column furrings	600		Г		0		
Tape, Bed, Texture, & Paint interior column furrings	70.07		Г	1 3	_		
Studs insulation at interior face of exterior wall	****		П			0	
Gypsum board at interior face of exterior wall	200000 200	Г	Г			П	0
Tape, Bed, Texture, & Paint interior face of exterior wall	90.5% 90 90.5% 90		Г			П	0

Special Notes
or
Observations
Poor to failing interior finishes.
Visible leakage & ceiling replacement/patching Some areas need replacing as leaks/wear have occurred.
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 3= Fair 5= Failure 2= Good 4= Poor

		5= Faile	ure			
	Maintenance Cycle	C	onditio	on	T	Special Notes
	Schedule		or	***	11	or or
	Years	. 7	Quality	/	-05-0	Observations
Interior Balcony Railings	388 3			- 52		
Wall Surface Finishes & Veneers		00-0		0		Painted CMU-peeling, Wood panels-fair condition, vinyl siding-fair condition, Brick- cracking
Demountable / Folding / Office Partitions	76.57		8	8		
Interior Louvers / Soundproofing / Misc.	10.07 10		П	Ĭ.		With the control of t
Interior Wall Base & Trim	W. S		П	0		Rubber base trim replaced several times
Misc. Finishes	50. de 50.		П			29 NY
Millwork Cabinets						Termite damage @ some millwork. Laminate surfaces-some chipping in various areas.
Display Cases						
Marker Boards	985 D	4		0		Not present in all classrooms
Building Directory	78,45		11	0	\top	Not present.
Corner Guards	8.8	+	Ħ	_	+	Not present.
Lockers		\vdash	11	\top		\$ 1
Mail Boxes		1	11	1		
Interior Signage / Graphics -ADA Graphics		H	+	1	Ħ	Mostly not present, only in updated areas
Base Building Graphics & Signage		\vdash	+	0	1	CALLED THE STATE OF THE STATE O
Interior Finish Graphics & Signage	200	H	1	-	_	
A/V Equipment	70,00	₩	++	- i-		Not present in all classrooms
A/V Projection Screens	100001	4	₩	-	_	Some whiteboards used as screens, all screens hung from ACT
Interior Window Blinds		++	H	- 6	_	Not present in most classrooms
Loading Dock Equipment	279 10	++-	++	ᅮ	-	THOU PROSONE IN MOST CLUSOFOOMS
	272	+	++	-	_	Not present - Analog clocks throughout building
Digital clocks Wireless access		₩	Н.		44	Not present - Analog clocks throughout building
		\vdash	 	4	+	9 2
Conveying Systems		ҥ	₩	+	-	8
Freight Elevators	37% 38	++	₩	+	므	- X
Cab Finishes	992	\vdash	++	+	0	<u> </u>
Passenger Elevators	292 2	₩	+	-	<u></u>	<i>N</i>
Cab Finishes		\vdash	+	_		
Dumbwaiters / Lifts		\vdash	Н	-		
Destroy Condition & Finisher			10 F S	555	100	non accessible PR. Busted hardware feartitions, coronic tiles good. Book near
rall Restroom Condition & Finishes		_	1 1	-	-	non-accessible RR. Rusted hardware/partitions, ceramic tiles-good. Base -poor
Restroom Walls	30%	₩	_		+	Overall good conditions throughout
Restroom Ceilings	242		1 1	_	Н	Mostly good condition
Restroom Fixtures		44	+			Some mirror delamination and rusting
Toilet Partitions		\vdash	\vdash		_	frames are rusting
Toilet Accessories		\vdash	Н	0	_	not ADA compliant
ADA accessibility		\vdash	+		44	No restroom is ADA compliant except for remote bldg & RR addition
		ㅗㅗ			ш	
10						Not ADA compliant. Kitchen-tile floor good, painted CMU-peeling, ACT ceiling-water leakage/replacements done
od Service Areas Equipment			П	In		Outdated
and the second s		+	₩	- 6	+	Components are outdated, and no water service is provided
Serving lines		+	┥┤,	- 10	#1	
Dish return area		₩	 '	-	+	Functional but aged and showing wear Undersized
Dry storage pantry	22	\vdash	++			
Food freezer and refrigerator		\vdash	+-1'		+	Aged and showing wear.
Exhaust Hood		\vdash	+		-	Not code compliant
Flooring material and base		\vdash	\sqcup	0	_	Ceramic tile floor/base aged and showing wear
Ceiling material		\vdash	\sqcup		$\overline{}$	Acoustic ceiling tiles aged and showing wear
Wall Material and finish	200					Damaged at various plumbing penetrations.CMU painted walls, paint is chipping/peeling

EXISTING INTERIOR FINISHES ASSESSMENT FORM

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

5= Failure

Maintenance Cycle Condition Special Notes Schedule or Quality Observations 0 Not ADA Compliant, No vent. Staff restroom Provided but area is very small Separate Locker room 0 Inadequately small. Located inside kitchen work area Food Service Office Some rusting doors, non-accessible hardware/some thresholds terior Doors & Hardware Interior Storefront / Glazed Walls / Borrow Lites 0 ADA compliant Interior Storefront / Entry Doors Mostly wood in worn condition, some thresholds not ADA, some doors have no threshold Interior Doors (including frames) Interior Overhead / Rolling Doors & Grilles Special Doors 0 Not accessible Interior Hardware Interior Door Panic Hardware Base trim replaced in several areas, cabinets have termite damage, laminate finish chipping. Interior Wall Base & Trim / Cabinets / Misc. Finishes Large percentage of interior spaces not ADA compliant, some updates have been made. terior ADA Compliance & Accessibility -Not ADA compliant except remote bldg addition Restrooms - Fixtures & Accessories **Drinking Fountains** Not ADA compliant 0 Interior Ramps Not present Interior Signage Most classrooms not ADA compliant, larger spaces compliant Interior Doors and Hardware Not ADA compliant Millwork/Fixed Workspaces Other? ACM is not suspected to be present. Presence of ACM Materials suspected? **Building Code Requirements** Building code requirements met? Unknown at this time. Unknown at this time. Energy code requirements met? Fire code requirements met? Unknown at this time. Average Interior Grade:



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						
	Expand Central Plant area/room; replace all equip						
Central Plant	except chiller.						
	Recommend Replacement of 15 roof fans & 4 roof-mtd						
Roof Top Units	HVAC units						
	Replace ductwork which is the oldest area of the						
Ductwork	building.						
	Recommend completing upgrade when installing new						
EMS	HVAC eqpmt.						
Electrical Systems							
Classroom Lighting	Condition: unknown at this time						
Corridor Lighting	Condition: unknown at this time						
Primary Power	Primary power: MSB new.						
	Original panel bd to be upgraded/replaced; new SqD						
Panels	panels are good.						
	Bogan system in good condition. Recommend an						
Clock/Bell/ PA	upgrade due to age.						
Plumbing Systems							
	Replace pipe due to age (a lot of galvanized pipe for						
Main Water Supply	water supply)						
Drinking fountains	Functional, not ADA compliant.						
Toilet Fixtures	ADA Compliant						
Lavatory Fixtures	ADA Compliant.						
Life Safety Systems	4 4-						
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

3= Fair 4= Poor 5= Failure Maintenance Cycle Condition Special Notes Schedule Years Quality Observations MPE&FP Systems 1 2 3 4 5 N/A HVAC Expand Central Plant area/room; replace all equip except chiller. Central Plant (including chillers, pumps, piping, valves, controls, & risers) Recommend Replacement of 15 roof fans & 4 roof-mtd HVAC units Roof Mounted HVAC equipment (OA units, exhaust/stair press fans, etc.) Replace ductwork which is the oldest area of the building. Main vertical trunk ducts through roof & floors (including rated chases) Replace ductwork which is the oldest area of the building. Main horizontal trunk duct Unknown at this time Perimeter zone low pressure ductwork & diffusers (T-bar slots) Unknown at this time Interior zone Variable Air Volume Boxes Interior zone low pressure ductwork & diffusers Unknown at this time In oldest area of building needs to be replaced. Ceiling mounted return air grilles In oldest area of building needs to be replaced. Return air silencers at main return air intake Unknown at this time. All necessary fire dampers and smoke detectors as required by code Not all exhaust were running during school operation as needed. All restroom exhaust fans, ductwork, and electrical connections Electrical connections to all roof mounted equipment Propery support conduits & provide protection; repair/replace broken Electrical connections to all Central Plant equipment Complete installation of DDC: remove old leaking Pneum. Sys (hybrid) DDC Control points for all roof mounted equipment DDC Control points for all internal base building mounted equipment DDC Control points for all internal tenant building mounted equipment Unknown at this time. Unknown at this time. DDC control points for all VAV's Structure trim and curbing for roof mounted equipment Recommend completing upgrade when installing new HVAC eqpmt. **Energy Management System** Unknown at this time 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 Main domestic water supply Replace pipe due to age (a lot of galvanized pipe for water supply) Water heater systems (including piping & install) Age & condition of water heater systems to be determined Piping observed thru cleanout appears in good condition Sanitary waste water lines Condensate pipes on roof -- damaged, disconnected, shortens roof life All condensate piping and drainage Gutter system has failed in many areas & is full of debris through out Building roof drainage piping ADA Compliant Toilet Fixtures - Condition and Type Flush Valves - Condition and type ADA Compliant. Lavatories - Condition and Type Faucets - Condition and Type Functional, not ADA compliant. Electrical Water coolers - Condition and Type/ ADA

2= Good

1= Excellent

MEP SYSTEMS ASSESSMENT FORM

3= Fair 4= Poor 5= Failure Maintenance Cycle Condition Special Notes Schedule Years Quality Observations Electrical Primary power: MSB new. Primary Service & Equipment Power company transformer same as above. Main building switchgear including breakers Unknown at this time. Distribution Feeders Original panel bd to be upgraded/replaced; new SqD panels are good. Panels (HVAC, Lighting, & power) Condition: unknown at this time Classroom lighting and type Corridor lighting and type Condition: unknown at this time Unknown at this time Light fixture Feeders Wall Switches Receptacles Unknown at this time **Equipment Connections** Unknown at this time Electric Heating Bogan system in good condition. Recommend an upgrade due to age. Clocks/Bells/PA Systems Unknown at this time Telephone/Data Outlets Unknown at this time **UPS Systems** Life Safety Systems Not sprinklered. Sprinkler Main Riser Unknown at this time General Building Wet Pipe System (per code) Sprinkler Heads - Condition and type FA Present. Good condition, recommend upgrade for code compliance Base Building Fire Alarm System (fully addressable) Unknown at this time All Data Points & associated wiring None Fire Alarm Annunciation Panel Horn Strobes & wiring Recommend upgrade for current code compliance Fire Alarm Pulls Recommend upgrade for current code ompliance Adequate: Battery pack wall mounted two lamp fixtures. **Emergency Lighting** Recommend replacement, appx. 1/2 not working Exit Signage Unknown at this time. Fire Extinguisher cabinets per code Condition: Unknown at this time. Fire Extinguishers

1= Excellent

2= Good

		1= Excellent	2= Good		
		3= Fair	4= Poor		
		5= Failure			
	Maintenance Cycle	Condition	Special Notes		
	Schedule	or	or		
	Years	Quality	Observations		
ology Systems and Equipment					
eacher computer drops	WW.		Inadequate.		
udent computer drops					
i FI	3.65		Yes.		
omputer laboratories					
nart board	\$287		. W		
ojectors	\$100 1000		(c		
) 8 -		
OF rooms					

Existing photos















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

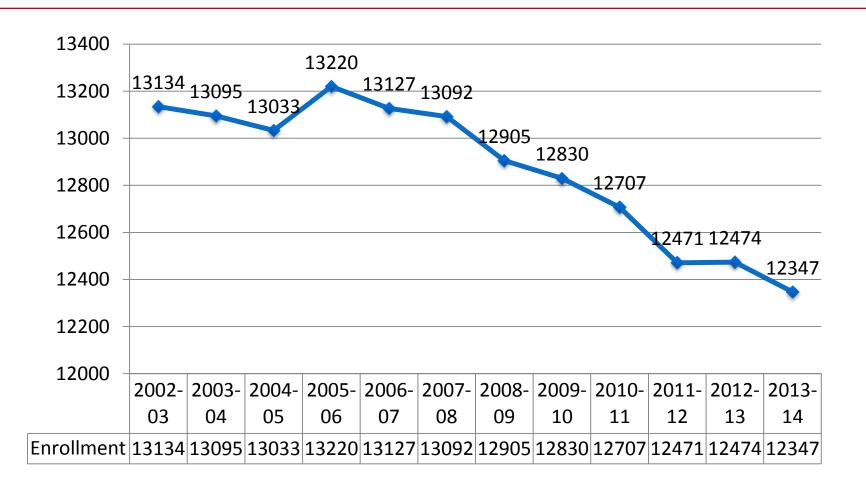
DEMOGRAPHIC STUDY

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

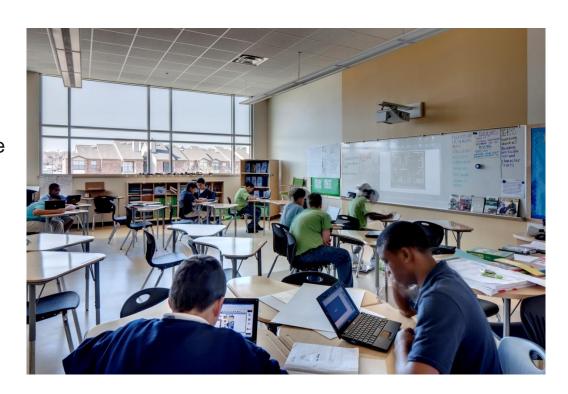
- Collaboration and Teamwork
- Augmented by technology
- Real-World relevance





21st CENTURY LEARNING

- Flipped Classrooms
 - Lecture/Information Content delivered on-line, off hours
 - Self-paced
 - Retreviable
 - 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)





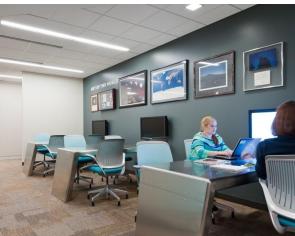




CTE TODAY

- 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

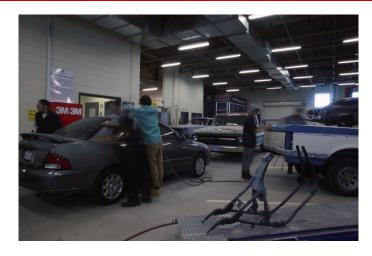
- Understand the current Endorsements
- Understand the market the needs, the student preferences
- Understand the future of the markets
- Understand the alignment of education and work place and the alignment of both for Brazosport ISD students
- Understand the work/learning environment
 - Collaboration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



DUBISKI CTE CENTER | GRAND PRAIRIE ISD



DUBISKI CTE CENTER | GRAND PRAIRIE ISD

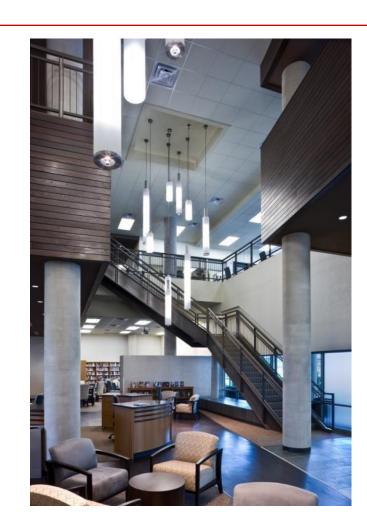






DUBISKI CTE CENTER | GRAND PRAIRIE ISD

- Full Day Comprehensive High School Model
- Partnered with District to develop program; not an expansion of existing CTE but a reinvention.
- 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

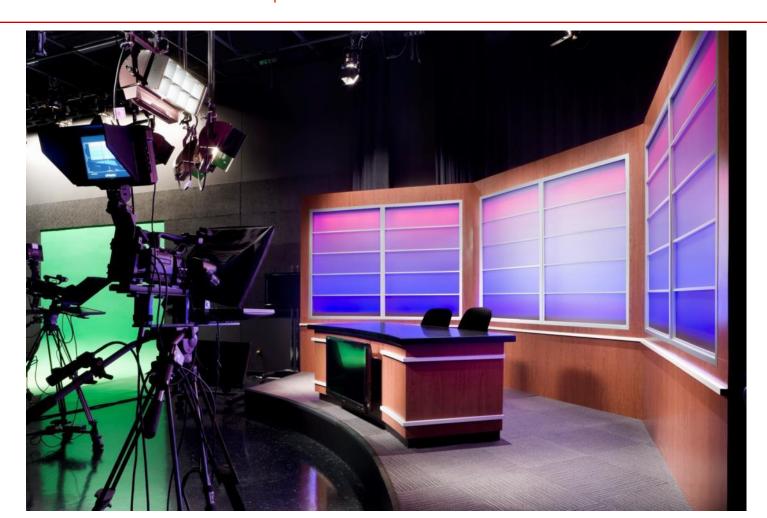


TYLER ATCC | TYLER ISD

- 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

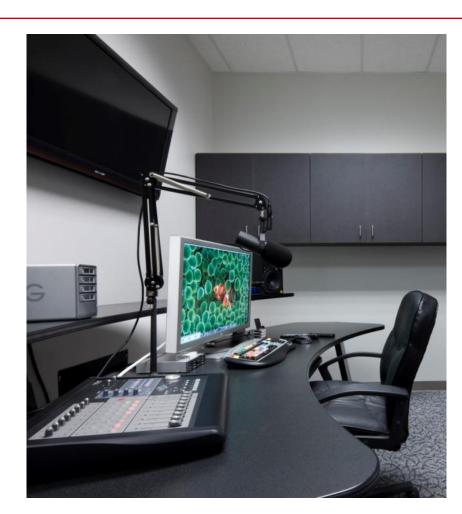


NORTHWEST HIGH SCHOOL | NORTHWEST ISD



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



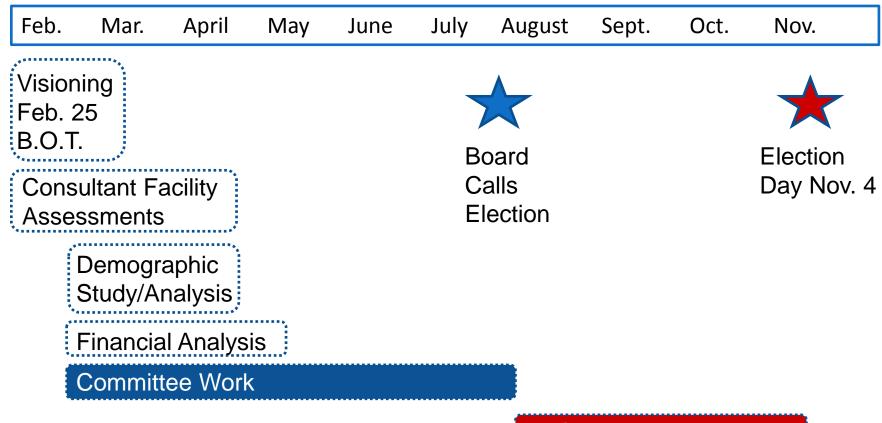
TSTC/RED OAK – INDUSTRIAL TECHNOLOGIES

- 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



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