

# AUSTIN INDEPENDENT SCHOOL DISTRICT



COMMUNITY BOND OVERSIGHT COMMITTEE

## Meeting Reference

## Material

Meeting Date: May 14, 2019



# Welcome

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## COMMITTEE MEMBERS

Cheryl Bradley (Committee Tri-Chair)

Jennifer Carson

Dr. T. Jaime Chahin

Darrell Crayton

Dr. Teresa Granillo

Mark Grayson

Lawrence Huang

vacant

Christy Allen Merritt

Lori Moya (Committee Tri-Chair)

Hatem Natsheh

Julian Rivera (Committee Tri-Chair)

Cindy Schaufenbuel

Rocio Villalobos

vacant

Anna Valdez

Alex Winslow

Peck Young

# AISD Community Bond Oversight Committee Charge

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1. Providing a report and any recommendations for corrective actions to the Board on the overall implementation of the bond programs. The report is presented orally and/or in writing twice each year and provides feedback and issues related to staff's presentation to the CBOC on the following topics:
  - a) Overall budget status
  - b) Oversight of quality and schedule
  - c) Contingency
  - d) Stakeholder satisfaction
  - e) HUB utilization
  - f) Any proposed substantive changes
  - g) Issues and risks
  - h) Communication strategies and methods
2. Utilizing the report to provide perspective on key decisions and actions that have been taken by staff and the Board since the last report submitted to the Board.
3. Maintaining a record of work and findings to inform the Board should another bond election be undertaken.
4. Reviewing information from staff on all projects and expenditures of bond funds and on the timelines and progress of the bond programs.
5. Working with staff in assessing the levels of satisfaction of key campus stakeholders with the quality of work and rating of customer service.
6. Reviewing and evaluating the survey results provided by staff.
7. Evaluating any proposed changes to the individual scope of work to the voter-approved bond programs and communicating any noted concerns to the Board.



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# EXECUTIVE SUMMARY





# Executive Summary

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Progress continues to be made on the 2017 Bond Program in April and in early May 2019. All modernization projects remain on schedule, with substantial work already underway at several schools. AISD's project managers continue to work on 2013 Bond Program projects, as detailed in the May Construction Project Update included in the meeting materials. The update summarizes the status of the 2013 Bond Program projects in the construction phase.

In April CAT Meetings were held at the following campuses: Metz, Sanchez, Zavala; Casis; Ann Richards. NNEMS; Hill; ESM at Old Anderson; LBJ; Austin HS; Menchaca and Brentwood. In May the same campuses will hold CAT Meetings with dates on the AISD website at the following link to the calendar:

<https://austinisd2017bond.org/events/2019-05/>. The district is providing the community an opportunity to review what to expect in the design and construction process.

Additionally, the district hosted a series of Facility Master Plan (FMP) open house meetings on March 6, 7 and 8, 2019 for the Austin ISD communities with the bond communications team providing materials and support. At these meetings the community was reminded that the current bond (2017) was developed based by the FMP and that feedback from the community is essential to shaping AISD's future. On 3/7/19, AISD Construction Management and Procurement, began soliciting proposals for design build teams for the Rosedale and New NE MS projects, the last two major projects of the 2017 Bond Program.

The next Community Bond Oversight Committee meeting is scheduled for Tuesday, June 11, 2019 at 6:00 p.m.



# PROJECT UPDATE REPORT



**PROJECT UPDATE REPORT**

<b>2017 Bond Program - Active Projects May 2019 Design Update</b>			
<b>School or Facility Architect/Engineer Contractor</b>	<b>Design Phase</b>	<b>Project Description</b>	<b>Status</b>
<b>Ann Richards School for Young Women Leaders</b> Architect/Engineer, O'Connell Robertson General Contractor, Rogers-O'Brien	Construction Documents	Full modernization of the existing facility to a state-of-the-art campus at the current site. Demolition and new construction of athletics, fine arts, cafeteria and kitchen, media center with portion of CTE and high school academic wing. Light renovation of existing facility to become temporary MS academic wing and CTE. New athletic fields and additional parking. Technology: computer lab improvements, student mobile computers & teacher computers.	On schedule
<b>High Schools</b>			
<b>Austin High School</b> Architect/Engineer, O'Connell Robertson General Contractor, Cadence McShane	Masterplanning	State of the art modernization of the existing facility. New addition for Athletic Program improvements and renovation for core academics (Special Ed, Life Skills, Fine Arts, CTE) Full running track replacement, heating and air conditioning improvements. Technology: computer lab improvements, presentation systems, student mobile, teacher computers.	On schedule
<b>Bowie High School</b> Architect/Engineer, Page Architects General Contractor, JE Dunn	Parking Garage: Construction Documents Fine Arts/Athletics: Schematic Design	State of the art modernization of the existing facility. Additions and renovations to include athletics, fine arts and increased capacity. New parking structure, heating & air conditioning improvements, plumbing improvements. Technology: computer lab improvements, presentation systems, student mobile, teacher computers.	On schedule
<b>Health Science School at LBJ</b> Architect/Engineer, Perkins & Will General Contractor, Vaughn Construction	Masterplanning	Health Science School to be designed at LBJ ECHS, expanding on the existing Career Launch, and including a master plan for the entire campus.	On schedule
<b>Middle Schools</b>			
<b>New Northeast Middle School</b> Design-Build: TBD	Procurement	The new middle school will provide a facility to the Northeast Austin neighborhoods, with a planned capacity of 800 to meet the needs of this community. The new campus will follow the AISD vision of creating 21st-century learning spaces for students, incorporating flexible spaces allowing for collaborative, interdisciplinary, and project-driven learning.	On schedule
<b>Murchison Middle School</b> Design-Build: Team Bartlett Cocke/Stantec	Construction Documents	Modernization phase 1: 6 <sup>th</sup> grade addition, library and administration relocation, annex roofing and bus loop addition. Courtyard improvements, heating and air conditioning improvements, wall & ceiling improvements, site drainage improvements. Technology: computer lab improvements, student mobile computers, teacher computers.	On schedule
<b>Elementary Schools</b>			
<b>Brentwood Elementary School</b> Architect/Engineer, VLK General Contractor, Bartlett Cocke	Schematic Design	Full modernization and expansion with partial rebuild and partial renovation. New construction to increase permanent capacity and educational suitability of academic spaces. Technology: computer lab improvements, teacher's computers.	On schedule
<b>Casis Elementary School</b> Architect/Engineer, LPA General Contractor, Joeris	Schematic Design	Full modernization of existing campus. Additions and renovations to increase permanent capacity with recently constructed multi-purpose classrooms to remain at core of new construction. Site circulation improvements and alignment with public roadways. Technology: computer lab improvements, teacher's computers.	On schedule
<b>Hill Elementary School</b> Architect/Engineer, PSC General Contractor, Bartlett Cocke	Schematic Design	First phase of planned expansion of existing permanent capacity to alleviate overcrowding and future growth. Classroom addition to assist in meeting the need of student enrollment. Concept to be refined as community input is gathered during the design process. Site work to include adjustments to site circulation and additional on-site parking. Technology: computer lab improvements, teacher's computers.	On schedule
<b>Metz, Sanchez, and Zavala Project</b> Architect/Engineer, McKinney York General Contractor, Flintco	Schematic Design	Modernization of elementary school to serve Zavala, Metz and Sanchez communities to support 21st century learning spaces, state-of-the-art technology and community spaces.	On schedule
<b>New Blazier Relief School</b> Architect/Engineer, BLGY General Contractor, American	Construction Documents	Design and construction of a new state-of-the-art facility that will increase capacity. Located on the existing southeast middle school site adjacent to Blazier Elementary School to initially relieve Blazier Elementary School with grades 4-6 and future to be grade 6-8. Technology: Computer lab improvements, student mobile computers, teacher computers.	On schedule
<b>New Southwest Elementary School</b> Architect/Engineer, BGKA Architects General Contractor, Flintco	Construction Documents	Design and construction of a new state-of-the-art facility with increased capacity. Technology: computer lab improvements, teacher computers.	On schedule
<b>Norman Modernization</b> Architect/Engineer, Kirksey General Contractor, Turner	Construction Documents	Modernization of elementary school to serve the Norman and Sims communities to support 21 <sup>st</sup> century learning spaces, state-of-the-art technology and community spaces.	On schedule
<b>Rosedale</b> Design-Build: TBD	Procurement	Design and construction of a new state-of-the-art facility at the Read Pre-K campus. Technology: Computer lab improvements, student mobile computers, teacher computers.	On schedule



PROJECT UPDATE REPORT

**2017 Bond Program - Active Projects  
May 2019 Construction Update**

School or Facility Architect/Engineer Contractor	% Through Construction	Construction Update	Status
<b>High Schools</b>			
<b>Ann Richards School for Young Women Leaders</b> Architect/Engineer, O'Connell Robertson General Contractor, Rogers-O'Brien	5%	Media Services and Math Portables demolished; Airstream relocated to the East Courtyard; Building pad construction ongoing; Storm Line reroute by existing gym complete	On schedule
<b>Eastside Memorial Early College High School &amp; International High School at the Original L.C. Anderson Campus</b> Architect/Engineer, Perkins & Will General Contractor, Cadence McShane	2%	Demo complete; site work and mass grading in progress.	On schedule
<b>Elementary Schools</b>			
<b>Brown Elementary School</b> Design-Build: Rogers O'Brien/ERO	22%	In progress: steel erection area A and C; concrete pour in area B (the Colony).	On schedule
<b>Doss Elementary School</b> Design-Build: Bartlett Cocke/Stantec	3%	Demo complete	On schedule
<b>Govalle Elementary School</b> Design-Build: Balfour Beatty/PBK	22%	Structural Steel complete in Areas C and D; Erecting Steel in Area A; Area B first floor and Area D second floor concrete Pour May 8; Utility Contractor Scheduled to be on site May 13; Plumbing installation in Area D	On schedule
<b>Menchaca Elementary School</b> Design-Build: Joeris/LPA	30%	In progress: Roof work, steel erection, sheathing, and poured last concrete slab for admin building.	On schedule
<b>New Southwest Elementary School</b> Architect/Engineer, BGKA Architects General Contractor, Flintco	3%	In progress: excavation pond, building pad 1 & 2 complete next week; drilling piers startin this month	On schedule

### MAY CONSTRUCTION PROJECT UPDATE

Location	Project Name	Work Description	Phase	Phase - % Complete	Substantial Completion Date for Construction	On Schedule	Schedule Comments
<b>2017 Bond Program Targeted Projects</b>							
Allison ES	Electrical, HVAC, Building Envelope, Site Drainage Improvements at Allison ES	Electrical, HVAC, Building Envelope, Site Drainage Improvements	Construction	5	8/2/2019	Yes	
Anderson HS	Critical Repairs - Roof Repair or Replacement at Anderson HS	Critical Repairs - Roof Repair or Replacement	Construction	10	11/29/2019	Yes	
Becker ES	Electrical, HVAC, Building Envelope, Site Drainage Improvements at Becker ES	Electrical, HVAC, Building Envelope, Site Drainage Improvements	Construction	10	8/2/2019	Yes	
Bowie HS	HVAC, Plumbing Improvements at Bowie HS	HVAC, Plumbing Improvements	Construction	5	8/7/2019	Yes	
Casey ES	HVAC Improvements at Casey ES	HVAC Improvements	Construction	10	8/7/2019	Yes	
Hill ES	Electrical, HVAC Improvements Hill ES	Electrical, HVAC Improvements	Construction	20	8/5/2019	Yes	
Highland Park ES	Electrical, HVAC, Plumbing, Site Drainage Improvements at Highland Park ES	Electrical, HVAC, Plumbing, Site Drainage Improvements	Construction	5	8/3/2019	Yes	
Houston ES	Roof Repair or Replacement at Houston ES	Roof Repair or Replacement	Construction	80	8/19/2019	Yes	
Lamar MS	Roof Repair or Replacement at Lamar MS	Roof Repair or Replacement	Construction	95	6/6/2019	Yes	
Martin MS	Electrical, HVAC, Plumbing Improvements at Martin MS	Electrical, HVAC, Plumbing Improvements	Construction	5	8/7/2019	Yes	
Mathews ES	Electrical, HVAC, Plumbing, Safety Improvements at Mathews ES	Electrical, HVAC, Plumbing, Safety Improvements	Construction	10	8/1/2019	Yes	
Nelson Field Bus Terminal	Architectural Renovations, Electrical, HVAC, Improvements to Seal Building Envelope at Nelson Field Bus Terminal	Architectural Renovations, Electrical, HVAC, Improvements to Seal Building Envelope	Construction	5	8/15/2019	Yes	
Oak Hill ES	Electrical, Plumbing, Safety Improvements at Oak Hill ES	Electrical, Plumbing, Safety Improvements	Construction	10	8/2/2019	Yes	
Odom ES	Roof Repair or Replacement at Odom ES	Roof Repair or Replacement	Construction	15	9/9/2019	Yes	
O.Henry MS	Architectural Renovations, HVAC, Site Drainage Improvements at O.Henry MS	Architectural Renovations, HVAC, Site Drainage Improvements	Construction	40	8/2/2019	Yes	
Pecan Springs ES	Architectural Renovations, Electrical, HVAC, Building Envelope, Plumbing, Site Drainage Improvements at Pecan Springs ES	Architectural Renovations, Electrical, HVAC, Building Envelope, Plumbing, Site Drainage Improvements	Construction	10	8/5/2019	Yes	
Pleasant Hill ES	Electrical, HVAC, Playfields, Plumbing, Safety, Site Drainage Improvements at Pleasant Hill ES	Electrical, HVAC, Playfields, Plumbing, Safety, Site Drainage Improvements	Construction	10	8/9/2019	Yes	
Reilly ES	Electrical, HVAC, Building Envelope, Plumbing Improvements at Reilly ES	Electrical, HVAC, Building Envelope, Plumbing Improvements	Construction	15	8/3/2019	Yes	
Walnut Creek ES	Roof Repair or Replacement at Walnut Creek ES	Roof Repair or Replacement	Construction	20	8/2/2019	Yes	

Legend	
	Project is currently on schedule
	Project has schedule updates

Location	Project Name	Work Description	Phase	Phase - % Complete	Substantial Completion Date for Construction	On Schedule	Schedule Comments
<b>2013 Bond Program Projects</b>							
Akins HS	Weight Room Expansion / Athletic Field Improvement at Akins HS	Weight room expansion. Athletic field improvements.	Construction	10	8/5/2019	Yes	
Anderson HS	Replace Library Flooring at Anderson HS	Replacing library flooring.	Construction	5	8/5/2019	Yes	
Andrews ES	ADA Access Ramp and guardrails at Andrews ES	Exterior ramps and stairs behind the school near the portables.	Construction	5	6/28/2019	Yes	
Austin HS	Replace Flooring in AP Office at Austin HS	Replacing flooring in AP office.	Construction	5	7/28/2019	Yes	
Baranoff ES	Install swings at Baranoff ES	Installing swings.	Construction	5	8/5/2019	Yes	
Bowie HS	Replace Flooring in Book Room and Library at Bowie HS	Replacing flooring in book room and library.	Construction	5	8/6/2019	Yes	
Covington ES	Revise Underfloor Kitchen Piping and Replace Grease Trap at Covington MS.	Revise underfloor kitchen piping and replace grease trap.	Construction	10	8/5/2019	Yes	
Covington ES	Replacement of Exterior Exit Door and Door Hardware at Covington MS	Replacement of exterior door and exit hardware. Installation of safety barriers and lobby upgrades.	Construction	25	6/3/2019	Yes	
Cunningham ES	New Fire Door in Library at Cunningham ES	Installing new fire door in library.	Construction	90	4/15/2019	No	Work is near completion. The glass installed in the door was incorrect. Waiting for delivery of the correct glass for the door. Estimating completion by mid-May.
Houston ES	Replacing chiller at Houston ES	Replacing chiller.	Construction	45	8/6/2019	Yes	
Jordan ES	Addition/Renovations at Jordan ES	Classroom addition and site improvements.	Construction	5	12/10/2019	Yes	
Kealing MS	Renovations at Kealing MS	Renovations in kitchen, restroom at classroom 101, administration, computer lab and CTE lab / shops.	Construction	5	8/2/2019	Yes	
Kealing MS	Roof Improvements at Kealing MS	Roof Improvements	Construction	5	8/2/2019	Yes	
Kiker ES	Replace Gym Flooring at Kiker ES	Replacing flooring in gym.	Construction	5	8/6/2019	Yes	
Langford ES	Replace Admin Office Flooring at Langford ES	Replacing flooring in admin office.	Construction	5	8/6/2019	Yes	
LBJ HS	Resurfacing of Tennis Court at LBJ HS	Correcting drainage at the tennis court, which will require piping under the courts or re-pouring tension concrete slab that is impermeable.	Construction	25	8/3/2019	Yes	
Lee ES	Addition/Renovations at Lee ES	Auditorium improvements. HVAC improvements. Administration expansion.	Construction	15	8/10/2019	Yes	
Martin MS	Renovations at Martin MS	HVAC, ADA, lighting, space renovations, cabling for basketball backboards, storage for athletics.	Construction	15	8/7/2019	Yes	
McCallum HS	Stage Curtain Installation & Rigging Inspection at McCallum HS	Final repair work based on inspection findings.	Construction	95	8/2/2019	Yes	
Mills ES	Addition/Renovations at Mills ES	Constructing multi-purpose classroom addition (2 classrooms). Replacing mechanical duct work at workroom. Installing louvers to rooftop units.	Construction	40	5/15/2019	No	Not on schedule due to permitting delays. Substantial completion moved out to August 2019. Work is now progressing.

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Location	Project Name	Work Description	Phase	Phase - % Complete	Substantial Completion Date for Construction	On Schedule	Schedule Comments
Odom ES	Addition/Renovations at Odom ES	Constructing two new multi-purpose classrooms and outdoor classroom. Site improvements.	Construction	90	3/31/2019	No	Contractor had issues with delivery of some construction materials. Contractor is delayed on Finishes. New substantial completion date is end of May.
Rodriguez ES	Addition/Renovations at Rodriguez ES	Adding two classrooms at end of one of the corridors. Installing louvers to all rooftop package units.	Construction	80	12/15/2018	No	Due to delays with steel subcontractor, glazing subcontractor, sliding partition subcontractor and rain, the new estimated substantial completion is end of May. Work is now progressing.
St. Elmo ES	Safety Fencing at St. Elmo ES	Instalilling safety fencing.	Construction	85	6/15/2019	Yes	
Travis HS	Replacing chiller at Travis HS	Replacing chiller.	Construction	45	8/6/2019	Yes	
Various	Add Fire Suppression Systems in the Data Centers at Crockett HS and Reagan HS	Change order work at Reagan.	Construction	75	4/15/2019	No	The project encountered coordination issues which extends the substantial completion date to August 2019. The fire/smoke dampers at Reagan need to be installed exactly per the manufacturer's manual per the COA inspector. The stud wall will be revised during the summer 2019 to comply.
Various	Urgent Roofing/Waterproofing Repairs at Various AISD Campuses	Work is ongoing as needed at various campuses.	Construction	70	1/15/2020	Yes	
Various	Installation of Playscape at Various Locations	Playscape equipment and installation for Casey, Andrews, Woodridge & Summit.	Construction	10	8/3/2019	Yes	
Various	Portable Roof Repair and Replace	Work is ongoing as needed at various campuses.	Construction	98	1/15/2020	Yes	
Various	Replacement of Shade Canopy Covers at Various Campuses	Replacement of shade canopy covers is ongoing at various campuses as needed.	Construction	35	8/6/2019	Yes	
Various	Replacement of Approximately 100 Portable Classroom AC Units	Replacement of approximately 100 portable classroom AC units at various campuses as needed.	Construction	50	8/1/2019	Yes	
Various	New Outside Air Units and Humidity Sensors at Various Locations	Replacing failed outside air units at various locations as needed.	Construction	60	7/30/2019	Yes	
Various	Detention Ponds Old NOV's	Correcting old violations of various detention ponds.	Construction	75	7/30/2019	Yes	
Various	Urgent Mechanical Boiler Replacements at Various Campuses	Urgent mechanical boiler replacement for Burnet, Covington, Mendez and Barton Hills.	Construction	25	8/2/2019	Yes	
Various	Parking Lot Improvements at Various Campuses	Parking lot improvements at Eastside Memorial HS. Other campuses may be addressed as needed.	Construction	5	8/6/2019	Yes	
Webb MS	Replace library Flooring at Webb MS	Replacing library flooring.	Construction	5	8/6/2019	Yes	
Widen ES	Replace Cafeteria Flooring at Widen ES	Replacing cafeteria flooring.	Construction	5	8/6/2019	Yes	
Williams ES	Install New Partition at Williams ES	Replacing partition at cafe & gym.	Construction	10	7/20/2019	Yes	
Wooten ES	Library Flooring at Wooten ES	Replace the library flooring.	Construction	5	8/6/2019	Yes	

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# PROJECT BUDGETS, COMMITMENTS & ACTUALS



PROJECT BUDGETS, COMMITMENTS & ACTUALS

## 2017 Project Budgets, Commitments & Actuals

As Of May 1, 2019

Data extracted from Austin ISD Audited Financial System of Record (BOLT).

\*Difference between 2017 Bond Book Amount and Project Budget is reserved for work in later phases, program-wide bond services, technology, administration and contingency.

\*\* Commitments are unpaid expense obligations such as requisitions and purchase orders.

School/Facility (per 2017 Bond Book)	2017 Bond Book Amount	Project Budget*	Actuals	Commitments**	Project Balance
Legend	A	B	C	D	F =B-C-D
<b>High Schools</b>					
Akins HS	13,196,000	9,447,696	-	-	9,447,696
Anderson HS	11,163,000	7,877,999	97,733	2,894,264	4,886,002
Ann Richards School YWL	70,416,000	61,113,000	392,712	448,432	60,271,855
Austin HS	30,198,000	24,539,162	280,279	459,330	23,799,553
Bowie HS	91,030,000	78,188,914	1,287,814	2,418,814	74,482,286
Crockett ECHS	15,095,000	11,529,477	1,451,647	727,918	9,349,912
Eastside Memorial ECHS	80,699,000	69,844,350	3,850,076	13,961,619	52,032,655
Garza Independence HS	544,000	283,065	-	-	283,065
Lanier ECHS	7,172,000	4,739,055	-	-	4,739,055
LASA	10,380,000	7,455,938	-	-	7,455,938
LBJ ECHS	25,575,000	21,146,126	-	1,295,506	19,850,620
McCallum HS	8,455,000	5,912,823	-	-	5,912,823
Reagan ECHS	6,703,000	4,599,428	119,500	47,028	4,432,901
Travis ECHS	9,528,000	6,864,090	1,795,160	260,345	4,808,585
<b>Middle Schools</b>					
Bailey MS	6,196,000	4,596,168	-	-	4,596,168
Bedichek MS	5,293,000	3,872,774	-	-	3,872,774
Burnet MS	3,425,000	2,177,819	-	-	2,177,819
Covington MS	6,190,000	4,615,593	-	200,415	4,415,178
Dobie MS	3,267,000	2,223,620	95,294	62,887	2,065,439
Fulmore MS	5,472,000	3,892,719	28,870	39,761	3,824,089
Garcia YMLA	4,325,000	3,104,497	-	-	3,104,497
Gorzycki MS	2,057,000	824,579	-	-	824,579
Kealing MS	3,719,000	2,208,076	-	-	2,208,076
Lamar MS	14,882,000	12,157,076	1,566,005	364,132	10,226,938
Martin MS	4,715,000	3,597,682	108,898	1,609,703	1,879,082
Mendez MS	2,668,000	1,539,251	-	-	1,539,251
Murchison MS	25,308,000	21,545,000	1,021,435	491,974	20,031,591
New Northeast MS	60,958,000	53,223,375	70,578	139,100	53,013,698
O. Henry MS	3,135,000	2,045,387	129,155	1,381,052	535,181
Paredes MS	3,157,000	1,947,660	-	-	1,947,660
Sadler Means YWLA	3,112,000	2,161,326	-	-	2,161,326
Small MS	1,225,000	171,320	-	-	171,320
Webb MS	3,181,000	2,156,998	-	-	2,156,998

School/Facility (per 2017 Bond Book)	2017 Bond Book Amount	Project Budget*	Actuals	Commitments**	Project Balance
Legend	A	B	C	D	F =B-C-D
<b>Elementary Schools</b>					
Allison ES	1,140,000	798,612	71,129	680,582	46,901
Andrews ES	496,000	245,719	-	-	245,719
Baldwin ES	631,000	282,068	-	-	282,068
Baranoff ES	3,038,000	2,383,734	-	-	2,383,734
Barrington ES	1,585,000	1,128,272	11,252	-	1,117,020
Barton Hills ES	349,000	185,165	6,794	-	178,371
Becker ES	1,467,000	1,086,732	83,818	808,798	194,117
Blackshear ES	1,715,000	1,268,428	-	-	1,268,428
Blanton ES	773,000	450,782	-	1,056	449,726
Blazier ES	395,000	89,980	-	-	89,980
Boone ES	2,503,000	1,940,726	-	-	1,940,726
Brentwood ES	35,817,000	31,223,000	833	1,685,433	29,536,735
Brooke ES	251,000	57,100	8,146	-	48,954
Brown ES	30,842,000	28,856,000	3,461,437	14,791,006	10,603,557
Bryker Woods ES	381,000	214,583	1,129	-	213,454
Campbell ES	968,000	654,126	-	-	654,126
Casey ES	1,176,000	768,332	49,829	637,632	80,871
Casis ES	35,216,000	30,687,000	46,146	2,079,333	28,561,521
Clayton ES	1,158,000	691,338	-	-	691,338
Cook ES	2,435,000	1,901,809	80,562	46,600	1,774,647
Cowan ES	4,928,000	4,049,327	41,059	228,122	3,780,147
Cunningham ES	1,647,000	1,237,286	-	-	1,237,286
Davis ES	1,238,000	850,522	-	-	850,522
Dawson ES	1,841,000	1,424,190	-	-	1,424,190
Dobie Pre-K	54,000				-
Doss ES	43,052,000	37,543,920	3,601,452	31,395,881	2,546,587
Galindo ES	1,252,000	823,711	-	-	823,711
Govalle ES	32,565,000	29,873,000	4,084,702	12,317,525	13,470,773
Graham ES	2,352,000	1,819,591	9,638	-	1,809,953
Guerrero Thompson ES	970,000	532,978	-	-	532,978
Gullett ES	542,000	346,089	-	-	346,089
Harris ES	1,965,000	1,519,353	-	-	1,519,353
Hart ES	2,371,000	1,804,892	9,225	-	1,795,667
Highland Park ES	2,017,000	1,566,947	132,663	854,138	580,147
Hill ES	17,783,000	15,468,438	45,242	1,121,295	14,301,901
Houston ES	3,299,000	2,607,838	256,861	1,282,835	1,068,142
Jordan ES	1,319,000	912,839			912,839
Joslin ES	2,235,000	1,793,640	-	-	1,793,640
Kiker ES	1,109,000	729,401	-	-	729,401
Kocurek ES	1,482,000	1,042,619	-	-	1,042,619
Langford ES	645,000	315,808	299	-	315,509
Lee ES	984,000	708,634	-	-	708,634
Linder ES	2,284,000	1,764,223	15,025	144,775	1,604,423
Maplewood ES	902,000	642,001	-	-	642,001
Mathews ES	1,089,000	813,325	52,404	559,250	201,672
McBee ES	1,456,000	1,047,796	-	-	1,047,796
Menchaca ES	33,351,000	32,746,334	1,745,370	5,582,319	25,418,645
Metz ES	297,000	149,730	5,979	81,433	62,319
Mills ES	1,160,000	756,215	-	-	756,215
New Blazier Relief School	50,487,000	43,652,360	2,005,923	8,097,525	33,548,912
New Southwest ES	36,227,000	29,424,129	1,362,660	1,412,371	26,649,099
Norman ES	280,000	-	-	-	-
Norman-Sims Modernization	25,000,000	21,622,040	917,231	11,745,631	8,959,179



School/Facility (per 2017 Bond Book)	2017 Bond Book Amount	Project Budget*	Actuals	Commitments**	Project Balance
Legend	A	B	C	D	F =B-C-D
Oak Hill ES	1,161,000	773,530	44,449	392,033	337,049
Oak Springs ES	316,000	128,923	-	5,980	122,943
Odom ES	4,110,000	3,370,119	118,966	1,496,450	1,754,703
Ortega ES	1,488,000	1,142,990	3,770	-	1,139,220
Overton ES	1,224,000	805,536	-	-	805,536
Padron ES	1,321,000	664,494	-	-	664,494
Palm ES	1,656,000	1,192,309	294,780	129,973	767,556
Patton ES	1,701,000	1,239,033	5,282	-	1,233,751
Pease ES	638,000	443,017	5,907	-	437,110
Pecan Springs ES	3,790,000	3,104,500	157,250	1,548,453	1,398,798
Perez ES	1,003,000	617,780	-	-	617,780
Pickle ES	2,218,000	1,551,379	5,384	-	1,545,995
Pillow ES	2,669,000	2,142,336	1,446,839	449,088	246,409
Pleasant Hill ES	2,749,000	2,179,558	160,586	1,375,035	643,937
Read Pre-K	17,000	-	-	-	-
Reilly ES	3,060,000	2,519,587	609,707	991,994	917,886
Ridgetop ES	2,166,000	1,766,843	628,495	113,677	1,024,671
Rodriguez ES	1,371,000	942,241	-	-	942,241
Sanchez ES	372,000	83,930	-	-	83,930
Sims ES	213,000	121,420	44,924	43,624	32,872
St. Elmo ES	495,000	278,615	17,428	12,134	249,054
Summitt ES	1,095,000	716,422	-	-	716,422
Sunset Valley ES	2,384,000	1,860,278	-	-	1,860,278
Travis Heights ES	1,253,000	901,568	-	-	901,568
Uphaus Early Childhood Center	425,000	142,752	-	-	142,752
Walnut Creek ES	2,962,000	2,321,448	35,105	733,900	1,552,443
Webb Primary	106,000	-	-	-	-
Widen ES	1,700,000	1,244,227	-	-	1,244,227
Williams ES	741,000	443,882	-	-	443,882
Winn ES	1,615,000	1,207,006	3,501	15,625	1,187,881
Wooldridge ES	895,000	559,795	-	-	559,795
Wooten ES	2,737,000	2,204,632	-	-	2,204,632
Zavala ES	332,000	75,270	7,763	-	67,507
Zilker ES	1,230,000	908,502	42,322	29,141	837,040
Eastside Vertical Team Elementary Modernization	25,000,000	21,548,750	230,358	1,529,400	19,788,992
<b>Other Facilities</b>					
Alternative Learning Center	88,000				-
Burger Athletic Complex	1,721,000	1,289,213	-	-	1,289,213
Central Warehouse	295,000	126,340	-	-	126,340
Clifton Center	606,000	366,867	-	-	366,867
Delco Activity Center	570,000	426,557	-	-	426,557
House Park Athletic Facility	6,000,000	5,191,000	-	-	5,191,000
Nelson Field	151,000				-
Nelson Field Bus Terminal	507,000	486,253	-	341,815	144,438
Noack Sports Complex	10,000	4,320	-	-	4,320
Performing Arts Center	171,000	81,325	-	-	81,325
Pleasant Hill Annex	135,000	116,808	-	-	116,808
Rosedale School	40,092,000	34,921,000	38,458	80,600	34,801,942
Saegert Bus Terminal	433,000	353,029	-	-	353,029
Service Center	137,000	58,830	-	-	58,830
Southeast Bus Terminal	118,000	73,565	-	-	73,565



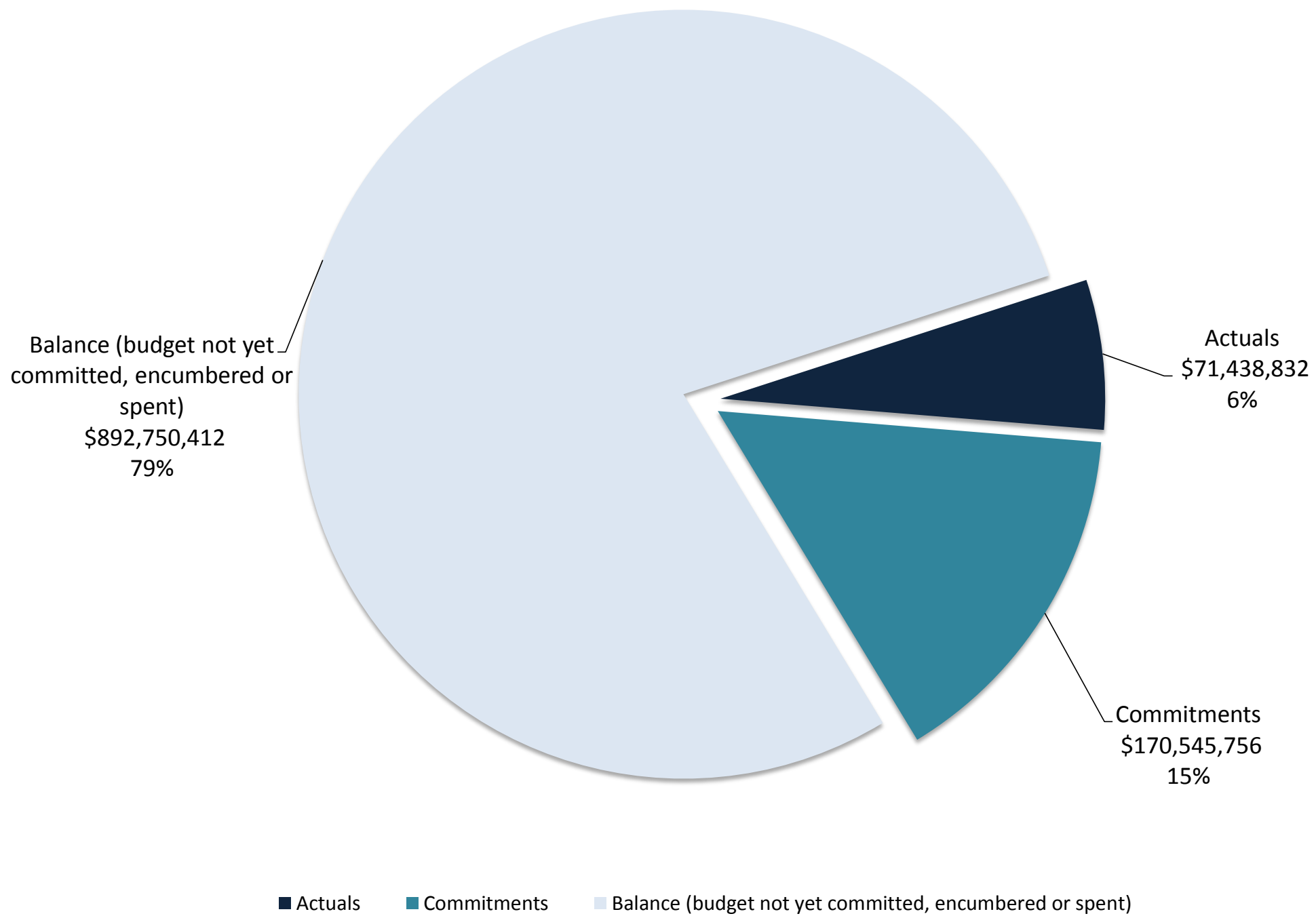
School/Facility (per 2017 Bond Book)	2017 Bond Book Amount	Project Budget*	Actuals	Commitments**	Project Balance
Legend	A	B	C	D	F =B-C-D
<b>Districtwide</b>					
Master Planning for Athletics, CTE and Fine Arts <b>Master Plan amounts to be allocated to campus where budgeted and incurred.</b>	<b>273,000</b>	273,000	495,719	1,820,003	(2,042,722)
Police	<b>7,508,000</b>	4,408,000	1,083,758	194,954	3,129,288
Life Safety (Special Education Security Camera Installation)	<b>349,000</b>	-	-	-	-
Furniture (Purchasing Department)	<b>5,000,000</b>	5,000,000	-	-	5,000,000
Transportation	<b>21,400,000</b>	24,500,000	5,355,971	5,876,321	13,267,708
Bond Carry Costs	<b>30,000,000</b>	29,999,000	7,322,991		22,676,009
Critical Facility Deficiencies (including Haz Mat & Moving)			46,361	221,960	(268,321)
<b>Technology</b>					
Technology (\$55,000,000 distributed across all campuses, included in Schools/Facilities)	-	55,501,000	10,656,454	6,875	44,837,671
<b>Contingency</b>					
Contingency		66,683,000	-	-	66,683,000
<b>Program Administration</b>					
Program Management		59,568,496	12,174,345	30,780,907	16,613,244
<b>Program Subtotals</b>	<b>1,134,735,000</b>	1,134,735,000	71,438,832	170,545,756	892,750,412
Less Estimated Land Sales	<b>(40,000,000)</b>				
Less Previous Bond Contingency	<b>(43,751,000)</b>				
<b>Total Bond Cost</b>	<b>1,050,984,000</b>				

Note: Contingency funds to be prioritized for overcrowding relief for the Northwest, Blazier, Cowan and Baranoff communities.

## 2017 Project Budgets, Commitments & Actuals

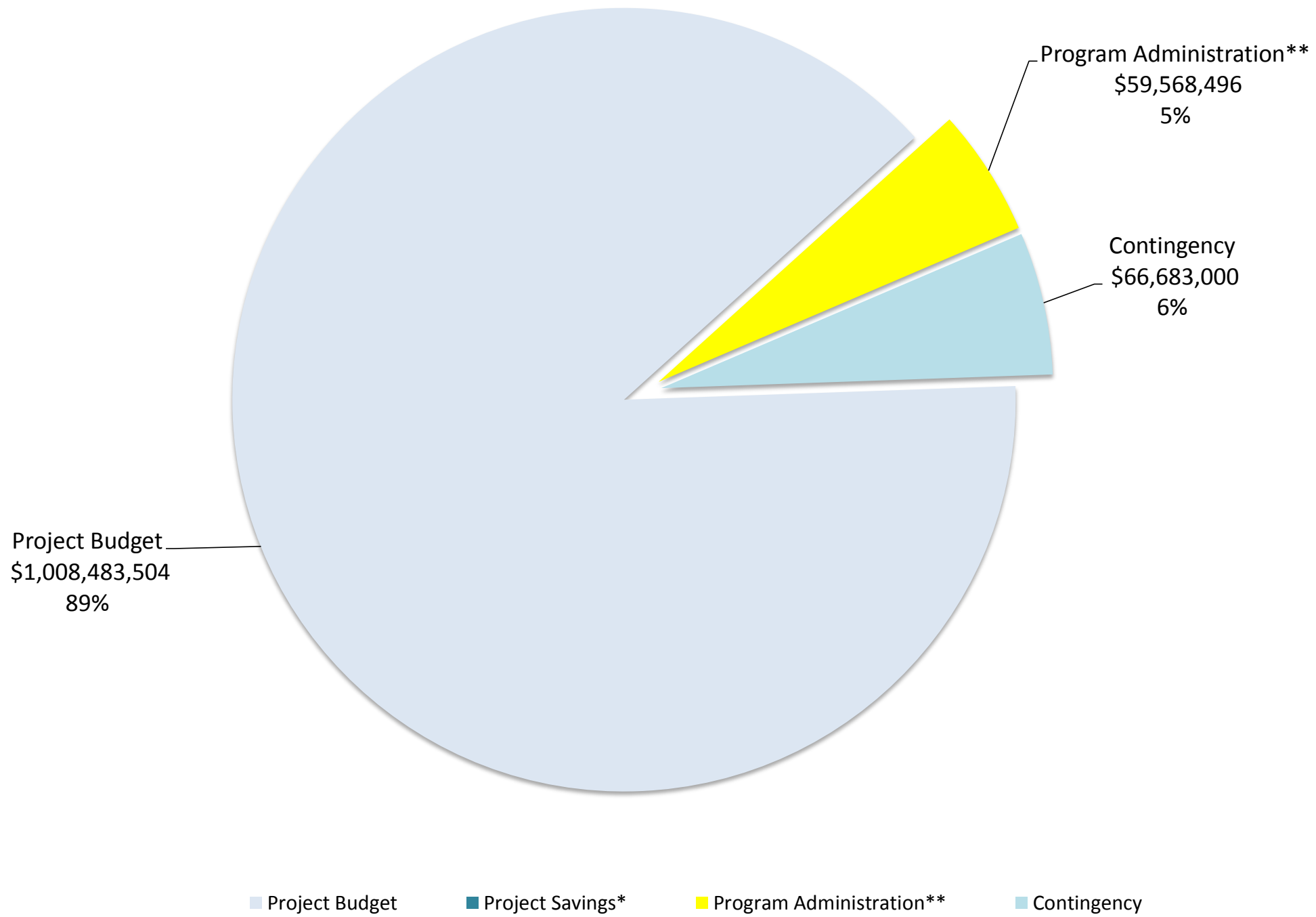
Data extracted from Austin ISD Audited Financial System of Record (BOLT).

### 2017 Bond Budget Balance and Expenditures to Date As Of May 1, 2019



Actuals	\$	71,438,832
Commitments	\$	170,545,756
Balance (budget not yet committed, encumbered or spent)	\$	892,750,412
<b>Program Total</b>	<b>\$</b>	<b>1,134,735,000</b>

## 2017 Bond Program Administration and Contingency As Of May 1, 2019



Project Budget	\$	1,008,483,504
Project Savings*	\$	-
Program Administration**	\$	59,568,496
Contingency	\$	66,683,000
<b>Program Total</b>	<b>\$</b>	<b>1,134,735,000</b>

\* As projects near completion, project savings are identified for re-distribution to complete remaining voter-approved projects or board-approved contingency projects.

\*\* Includes cost for permits & fees, copying & printing, legal services, misc. services - construction inspection, newspaper advertisement, safety consulting, and program management.

**Austin Independent School District  
Construction Management 2013 Bond  
as of May 1, 2019**

	Budget	Current Budget	Spent to Date	Unspent Commitments	Available
<b>Construction Projects</b>	338,876,151	293,932,204	244,253,606.13	26,261,720.72	23,416,877.15
<b>Contingency Approved</b>	-	40,626,000	14,513,405.96	2,930,999.22	23,181,594.82
<b>2017 Bond Allocation - Menchaca ES</b>	-	23,000,000	6,445,160.38	16,554,839.62	-
<b>Technology</b>	81,000,000	81,000,000	54,366,486.32	3,339,768.37	23,293,745.31
<b>Buses</b>	14,310,000	14,311,359	14,311,358.52	-	.48
<b>Furniture</b>	9,325,000	8,427,578	8,427,751.59	-	-173.59
<b>Program Management</b>	18,206,599	21,686,596	19,787,000.81	1,198,733.81	700,861.38
<b>Program Contingency</b>	28,013,250	6,747,263	-	-	6,747,263.00
<b>Amount Approved by Voters</b>	489,731,000	489,731,000	362,104,769.71	43,840,901.36	83,785,328.93





# HUB UTILIZATION



## May 2019 CBOC Update

HUB Participation A/E and Construction reports for the 2013 & 2017 Bond Programs (see attached).

We are making final changes to the HUB Program's Standard Operating Procedures (SOPs). We plan to submit the final draft to SNAP Consulting management firm for review to release in May.

At the April CBOC meeting, the Committee requested to see more detailed data displaying firms that received contracts. The HUB Sr. Administrative staff member is manually capturing Prime and subconsultant/subcontractor award data (names and number of contracts) to create a monthly report. This attached first report is for contracts awarded January 1, 2019 – April 22, 2019. The report will be on an annual basis and will be updated back to July 1, 2018 (2018-19 FY).

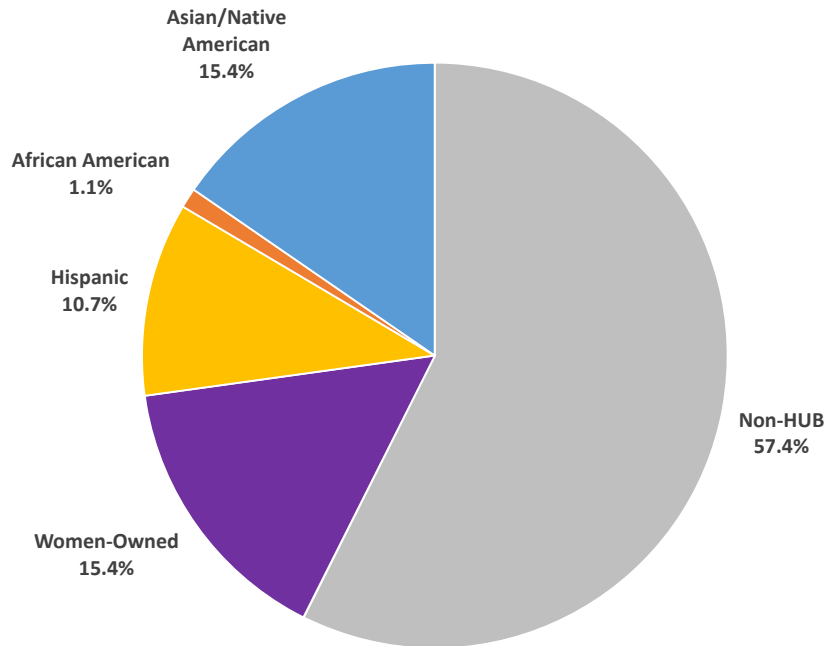
More significant progress has been made to integrate the B2GNOW payment system for tracking subconsultant/subcontractor contract participation. Internal IT staff completed mapping software to AISD system and testing is now in progress. This is a major accomplishment. HUB and IT staff will be in training with B2GNOW this month for several days.

One (1) major outreach event was attended in April (see attached Outreach Report). Will continue working to establish a reporting method for collecting data from AISD outreach efforts to track effectivity/results from attendees (i.e. new contacts with Primes, successful bid opportunities, etc.).

# Historically Underutilized Business (HUB) Participation Report 2013 Bond Program

THROUGH THE END OF APRIL 2019

## Architect/Engineering



Category	Contracted Amount	Paid Amount	Paid Participation	Goal	Variance
African American	\$ 293,960	\$ 274,518	1.1%	1.9%	-0.8%
Asian/Native American	\$ 4,036,681	\$ 3,781,261	15.4%	7.4%	8.0%
Hispanic	\$ 2,879,224	\$ 2,631,473	10.7%	9.4%	1.3%
Women-Owned	\$ 4,134,186	\$ 3,774,370	15.4%	9.8%	5.6%
HUB Total	\$ 11,344,051	\$ 10,461,621	42.6%	28.5%	14.1%
Non-HUB	\$ 14,868,343	\$ 14,123,684	57.4%	-	-
<b>Total</b>	<b>\$ 26,212,394</b>	<b>\$ 24,585,305</b>	<b>100.0%</b>	-	-

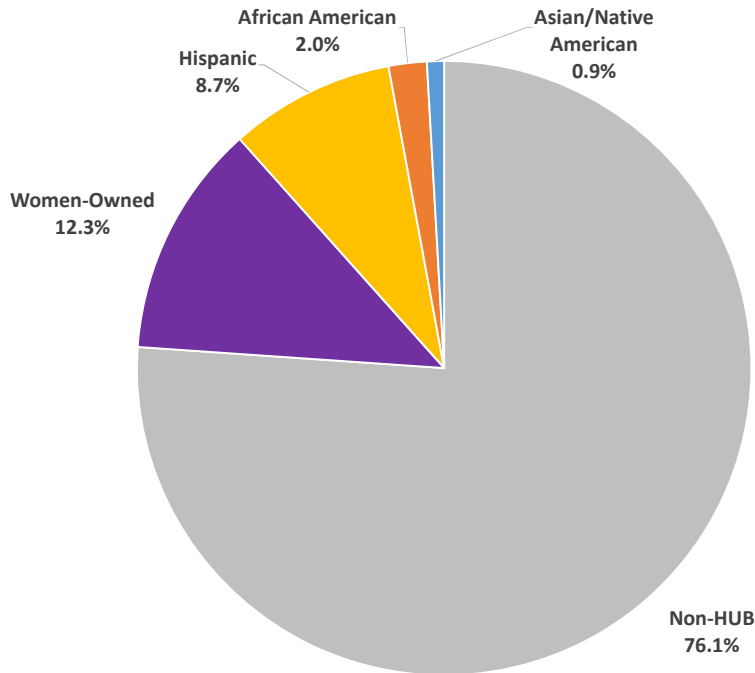
Note: Numbers may not add due to rounding

Goals: Approximately 90% of projects paid participation took place prior to the formal HUB Program implementation 11/15/2016; goals were set only on 10% of A/E projects.

# Historically Underutilized Business (HUB) Participation Report 2013 Bond Program

THROUGH THE END OF APRIL 2019

## Construction



Category	Contracted Amount	Paid Amount	Paid Participation	Goal	Variance
African American	\$ 4,679,718	\$ 4,659,232	2.0%	1.7%	0.3%
Asian/Native American	\$ 2,600,930	\$ 2,120,142	0.9%	1.9%	-1.0%
Hispanic	\$ 21,672,222	\$ 19,750,552	8.7%	8.1%	0.6%
Women-Owned	\$ 35,243,252	\$ 28,114,038	12.3%	10.2%	2.1%
HUB Total	\$ 64,196,123	\$ 54,643,964	23.9%	21.9%	2.0%
Non-HUB	\$ 197,567,230	\$ 173,534,327	76.1%	-	-
<b>Total</b>	<b>\$ 261,763,352</b>	<b>\$ 228,178,291</b>	<b>100.0%</b>	-	-

Note: Numbers may not add due to rounding

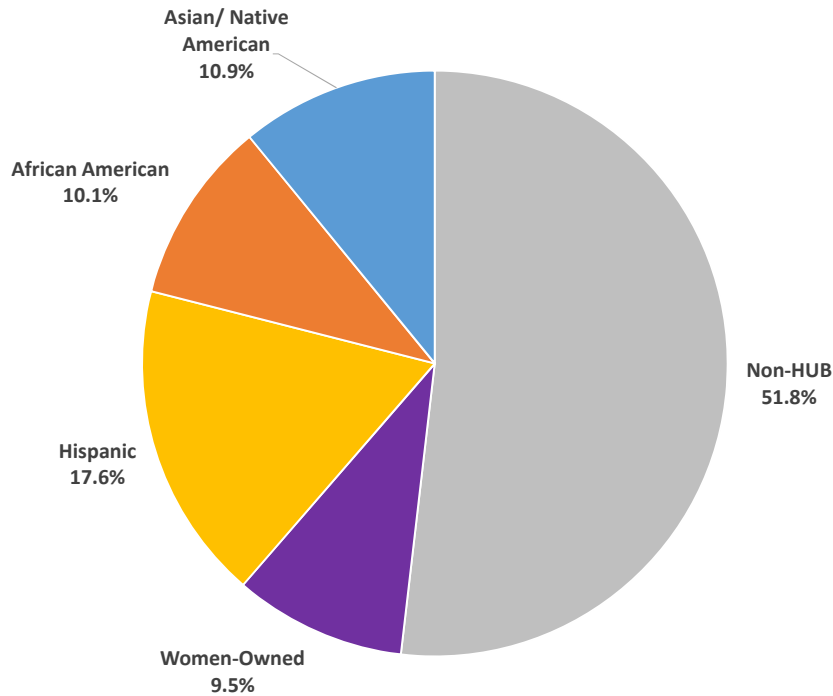
Goals: Approximately 75% of projects paid participation took place prior to the formal HUB Program implementation 11/15/2016; goals were set only on 25% of construction projects.



# Historically Underutilized Business (HUB) Participation Report 2017 Bond Program

THROUGH THE END OF APRIL 2019

## Architect/Engineering



Category	Contracted Amount	Paid Amount	Paid Participation	Goal	Variance
African American	\$ 2,727,399	\$ 1,772,056	10.1%	1.9%	8.2%
Asian/Native American	\$ 2,864,936	\$ 1,920,220	10.9%	7.4%	3.5%
Hispanic	\$ 5,233,363	\$ 3,102,535	17.6%	9.4%	8.2%
Women-Owned	\$ 4,429,529	\$ 1,678,447	9.5%	9.8%	-0.3%
<b>HUB Total</b>	<b>\$ 15,255,227</b>	<b>\$ 8,473,258</b>	<b>48.2%</b>	<b>28.5%</b>	<b>19.7%</b>
Non-HUB	\$ 14,931,853	\$ 9,118,306	51.8%	-	-
<b>Total</b>	<b>\$ 30,187,080</b>	<b>\$ 17,591,564</b>	<b>100.0%</b>	<b>-</b>	<b>-</b>

Note: Numbers may not add due to rounding

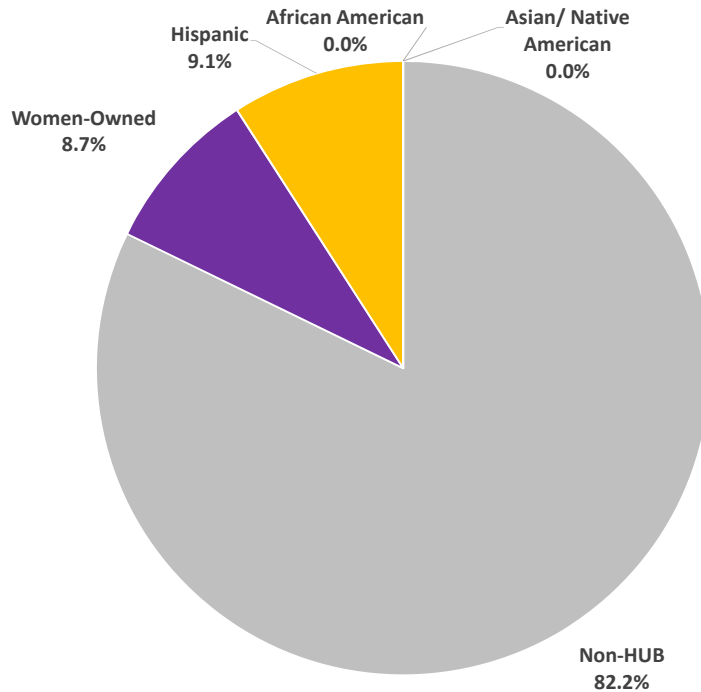
Forecasted Budget	Contracted	% Contracted	% Paid
\$ 62,434,000	\$ 30,187,080	48.4%	28.2%

Goals: Less than 29% of the forecasted budget has been paid. Goals are expected to be exceeded for all ethnic categories.

# Historically Underutilized Business (HUB) Participation Report 2017 Bond Program

THROUGH THE END OF APRIL 2019

## Construction



Category	Contracted Amount	Paid Amount	Paid Participation	Goal	Variance
African American	\$ 88,885	\$ -	0.0%	1.7%	-1.7%
Asian/Native American	\$ 38,340	\$ -	0.0%	1.9%	-1.9%
Hispanic	\$ 1,712,039	\$ 1,185,946	9.1%	8.1%	1.0%
Women-Owned	\$ 3,286,136	\$ 1,138,400	8.7%	10.2%	-1.5%
<b>HUB Total</b>	<b>\$ 5,125,400</b>	<b>\$ 2,324,345</b>	<b>17.8%</b>	<b>21.9%</b>	<b>-4.1%</b>
Non-HUB	\$ 56,100,196	\$ 10,732,622	82.2%	-	-
<b>Total</b>	<b>\$ 61,225,597</b>	<b>\$ 13,056,968</b>	<b>100.0%</b>	<b>-</b>	<b>-</b>

Note: Numbers may not add due to rounding

Forecasted Budget	Contracted	% Contracted	% Paid
\$ 880,078,000	\$ 61,225,597	7.0%	1.5%

Goals: Less than 2% of the forecasted budget has been paid. A/E Designs should be substantially completed prior to consultation commencing. Most construction is estimated to begin in early 2019.



**AUSTIN**  
Independent School District

Department of Historically  
Underutilized Business

*Advancing Equity in Contracting...*

**2019 HUB Outreach Events Attended**

**May 2019 CBOC Meeting**

1. AISD HUB Program Vendor Information Session – **January 2<sup>nd</sup>**.
2. Women’s Business Enterprise National Council (WBENC) Women’s Business Exchange – **January 24<sup>th</sup>**.
3. Greater Austin Hispanic Chamber of Commerce (GAHCC) Annual Meeting and Officer Installation Luncheon – **January 25<sup>th</sup>**.
4. Greater Austin Asian Chamber of Commerce (GAACC) 2019 Annual Member’s Meeting – **January 29<sup>th</sup>**.
5. Greater Austin Black Chamber (GABC) 2019 Black Elected Officials Reception (Power of Your Vote) – **January 29<sup>th</sup>**.
6. Flintco HUB Mixer for CMR New Southwest ES Bid Opportunity – **February 6**.
7. Greater Austin Asian Chamber of Commerce (GAACC) – Connect Forum for Small Business – **February 13<sup>th</sup>**.
8. Turner Construction HUB Mixer for CMR Norman ES Bid Opportunity – **February 14<sup>th</sup>**.
9. State of Texas HUB Discussion Workshop – **February 22<sup>nd</sup>**.
10. Texas Legislative Black Caucus at the Capitol (GABC) – **February 25<sup>th</sup>**.
11. Austin ISD HUB CMR Outreach Event – **February 28<sup>th</sup>**.
12. Black Business Day at the Capitol (TAAACC) – **March 25<sup>th</sup>**.
13. Austin ISD HUB Vendor Information Session – **March 26<sup>th</sup>**.
14. Turner Construction HUB Mixer for Norman ES (Turner Austin Office) – **April 4<sup>th</sup>**
15. American Constructors HUB Mixer for New Blazier ES (Casa Chapala) – **April 4<sup>th</sup>**
16. State of Texas – HUB Vendor Fair – 2019 “Marketing for Success” (JJ Pickle Research Campus) – **April 18<sup>th</sup>**

**NOTE:** Events reported through April 2019



# COMMUNICATION STRATEGIES & METHODS



# Austin ISD 2017 Bond Implementation

## CBOC Communications Summary

May 2019



### Upcoming Community Meetings

There are several community meetings and events scheduled in the coming months to provide progress updates on modernization projects. They include:

- **May 23** - Casis Elementary School will host a schematic design community meeting from 5:00 to 6:00 p.m.
- **May 23** - Austin High School will host a master plan community meeting at 1:30 p.m.
- **June 13** - Metz Elementary School will host a schematic design community meeting for the Metz, Sanchez, Zavala Modernization Project for the Future Sanchez Elementary School from 5:00 to 6:00 p.m. The community meeting will be followed by a community picnic from 6:00 to 7:30 p.m.
- **August 16** - Metz Elementary School will host an ice cream social for the Metz, Sanchez, Zavala Modernization Project for the Future Sanchez Elementary School from 3:00 to 4:00 p.m.
- **August 20** - A first day of school walk up celebration will be held at Metz Elementary School for the Metz, Sanchez, Zavala Modernization Project for the Future Sanchez Elementary School.

### Upcoming Milestone Ceremonies

Four upcoming milestone ceremonies are scheduled to take place in the coming weeks. The community is invited to join the district for all of the following events as we celebrate the start of construction for these modernization projects:

- **May 21** – Murchison Middle School groundbreaking ceremony at 9:00 a.m.
- **May 23** – Norman Elementary School groundbreaking ceremony at 9:30 a.m.
- **June 4** – New Blazier Relief School groundbreaking ceremony at 9:00 a.m.
- **June 6** – Bowie High School groundbreaking ceremony at 9:00 a.m.

### Community Outreach

Several community meetings were held in April to give project updates. At each of these events, district representatives and project team members shared status updates and next steps for their respective modernizations.

- **April 8** - A meeting for neighbors near the new Rosedale School to learn more about the rezoning application the district submitted to the City of Austin.
- **April 24** - Community meeting to introduce the New Northeast Middle School.
- **April 25** - Principal coffee with the Hill Elementary School community.
- **April 29** - Principal coffee with the Brentwood Elementary School community.
- **May 3** - Coffee chat with Metz, Sanchez, Zavala elementary school communities.

The communications team will continue to update [www.AISDFuture.com](http://www.AISDFuture.com) with new information and upcoming events as available, as well as monitor the bond hotline and email account. Email updates will also continue to go out to all of the modernization project school specific lists.





# GLOSSARY OF TERMS



# Glossary of Terms

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## **BAS Building Automation System (HVAC and lighting controls)**

The automatic centralized control of a building's heating, ventilation and air conditioning, lighting and other systems through a building management system.

## **Change Order**

A modification to the original construction contract authorizing a change in the work or an adjustment in the amount of the contract or the contract time.

## **Commissioning Agent**

An independent party, unaffiliated with the design team or contractors, that takes charge of the construction commissioning process.

## **Competitive Bidding**

A procurement method by which a governmental entity contracts with a contractor for the construction, alteration, rehabilitation, or repair of a facility by awarding the contract to the lowest responsible bidder.

## **Competitive Sealed Proposal (CSP)**

A procurement method by which a governmental entity may request proposals and pricing information based on the scope of work provided, rank the offers, negotiate a contract, and then award the project to the contractor that offers the best value to the entity.

## **Concept Design**

An early phase of the design process, in which the broad outlines of function and form of something are articulated. It includes the design of adjacencies, interactions, circulation, experiences, processes and strategies.

## **Construction Commissioning**

A collaborative process whose purpose is to ensure that buildings and systems perform according to contract.

## **Construction Documents**

Extremely detailed drawings and specifications showing and describing all the details required to construct the building.

## **Construction Manager at Risk (CMAR)**

A construction delivery method by which a governmental entity contracts with an architect or engineer for design and construction phase services and contracts separately with a construction manager-at-risk to serve as the general contractor and to provide consultation during the design and construction, rehabilitation, alteration, or repair of a facility. A CMAR is selected based upon qualifications and price proposal that would provide the best value for the governmental entity.

## **Construction Phase**

Prior to the start of construction, the community will be invited to meet a final time to discuss construction schedule, receive the plan for housing students in an alternative location (if needed), and provide contact information for the community should issue arise during construction.

### **Contingency**

An amount of money reserved by the owner to pay for unforeseen changes in the work.

### **Daylighting**

A planned energy conservation strategy that utilizes illumination from sunlight.

### **Design Build**

Method of design and construction procurement whereby an owner, in this case, AISD, procures one entity to provide design and construction services. Among the advantages of this procurement process are that it has the potential to save time and cost while protecting the other key element of construction - the quality of the end-product.

### **Design Development**

Process in which schematic design drawings are further developed to include more detail, including: detailed site plan; room layouts; door and window types; interior and exterior elevations; reflected ceiling plans; plumbing, mechanical, structural, and electrical drawings; and kitchen layouts.

### **Design Development Phase**

The purpose is to inform stakeholder on the interior organization of the building, exterior appearance, and parking, etc.

### **Design Team**

A group of professionals from architectural and engineering firms that is engaged to design a facility.

### **Educational Specifications**

A document that details the number of rooms required, the size of each room, how those rooms should relate to each other (adjacencies), and the elements (sinks, electrical outlets, markerboards, cabinets, etc.) that should be included in each room. District-wide Educational Specifications will be adapted for the specific needs of the campus.

### **FF&E**

Furniture, Fixtures, and Equipment. This describes all contents that are not a permanent part of the structure.

### **Hard Costs**

Expenses associated with direct construction of a project.- Includes labor and material.

### **Historically Underutilized Business Program (HUB)**

Austin ISD promotes and strongly encourages the involvement and participation of Historically Underutilized Businesses (HUBs) in its construction projects. The District is committed to providing opportunities to small minority- and women-owned firms in the Construction Management Bond

Program for a diverse array of contractors and service providers. The Board of Trustees adopted the formal HUB program in August 2016. More information is available at [www.austinsisd.org/hub](http://www.austinsisd.org/hub)

## **HVAC**

Heating, ventilation, and air-conditioning

## **Job Order Contract (JOC)**

A procurement method used for maintenance, repair, alteration, renovation, remediation, or minor construction of a facility when the work is of a recurring nature, but the delivery times, type, and quantities of work required are indefinite.

## **Leadership in Energy and Environmental Design (LEED)**

A building certification process developed by the U.S. Green Building Council (USGBC) to enhance environmental awareness among architects and building contractors and to encourage the design and construction of energy-efficient, water-conserving buildings that use sustainable or green resources and materials.

## **MEP**

Mechanical/Electrical and Plumbing systems.

## **Program or Concept Design**

Single-line drawings that illustrate room adjacencies and scale

## **Schematic Design**

The schematic design submission typically includes a simple site plan, floor plans (simple scale drawings that show room sizes, relationships, doors, and windows), simple building cross sections, an outline specification with general information about building systems, a table comparing required square footages from the educational specifications with actual square footages shown on the drawings, a preliminary estimate of cost options, and possibly 3-dimensional depictions of the exterior of the building. Typically includes a simple site plan, floor plans, simple building cross-sections, an outline specification with general information about building systems, a table comparing required square footages from the educational specifications with actual square footages shown on the drawings, a preliminary estimate of cost options, and three-dimensional depictions of the exterior of the building.

## **Schematic Design Phase**

The purpose is for stakeholders to receive information and provide feedback about the project parameters, how the building relates to the site, anticipated traffic flow, and building orientation, etc.

## **Soft Costs**

A construction industry term, but more specifically a contractor accounting term for an expense item that is not considered direct construction cost. Soft costs include architectural, engineering, financing, legal fees, and other pre- and post-construction expenses.

## **Swing Space**

A school building or a portion of an existing school building or other facility that will house the student population and its teachers and staff during the school-construction process.





# APPENDIX

