

| 2017 Bond Program: Issues & Risks, Substantial Changes Log |                                  |  |   |              |  |
|--|----------------------------------|--|---|--------------|--|
| Date   | Project                          | Title  | Description   | Type         | Follow up  |
| Jan-20   | Bowie HS                         | Budget Issues  | The design team has had to be creative with the design effort to overcome cost realized due to underground utilities, unforeseen conditions, and City imposed changes that could not have reasonably been anticipated.  | Issue & Risk | The GMP for the New Garage is 100% executed, construction is on schedule and approximately 45% complete. The DD cost for the New Athletics building is complete and estimated to be on budget, the DD design for the New Fine Arts building will complete 2/3/20 and the DD estimate for the design will follow. There is still concern about construction cost related to a hyper competitive Austin construction market, trade and labor shortages as well as domestic and international tariff and trade concerns. Bringing the remaining Bowie HS 2017 Bond programs in on budget will remain a challenge.   |
| Jan-20   | Brentwood ES                     | Swing Space  | The Brentwood ES Modernization project was initially planned to take place in phases while the campus is occupied, similar to Casis ES or Govalle ES. However, due to the size of the Brentwood student population, the limited size of the school site, and permitting/site constraint issues identified during design and construction planning, it became clear that it is in the best interest of the campus community to utilize an off-site swing space. This is expected to shorten the overall construction duration from 28 months to 14 months and save costs due to price escalation and extended general conditions. The district is currently working with the Brentwood ES School community and others to explore options for off-site swing.   | Issue & Risk | The district is currently working with the Brentwood ES School community and others to explore options for off-site swing.   |
| Jan-20   | Eastside Memorial ECHS           | Budget Issues  | December Report: Due to high market conditions, we received an unfavorable bid on the Eastside Memorial Early College High School & International High School at the Original L.C. Anderson campus modernization, which came in 10% above the project construction budget (PCB). The team—which includes the architect, general contractor and AISD staff—looked at several options, which resulted in a 5% reduction without affecting the promises made to voters. The GMP Contract is being processed finalizing the agreement with the contractor.  | Issue & Risk | Current Report: The GMP contract has been finalized with the GC. The project is on schedule for delivery fall of 2021.   |
| Jan-20   | FF&E Install for Spring Openings |  | December Report: Furniture has been ordered and equipment is being ordered for the first three modernized campuses, which will open in January. Construction Management is working closely with procurement to ensure that all items are ordered, delivered, and installed on time.   | Issue & Risk | Current Report: FF&E delivery and installation was successfully executed at TA Brown and Menchaca. Govalle is scheduled for delivery and installation the week of January 27th.  |
| Jan-20   | New Blazier Relief               | Access Issues and Schedule Impact                        | December Report: Access to the school is pending construction of adjacent Baythorne Dr. by neighborhood developer Austin Goodnight Ranch. AISD must vacate existing access easement for COA to permit Baythorne Dr. The board will consider the legal agreements currently under negotiation at its November 18 board meeting.  | Issue & Risk | Current Report: All pertinent legal agreements are in place with AGR. AGR has not received COA permit for Baythorne Dr due to lack of the required sidewalk along the right-of-way. AGR requesting AISD agree to fund construction of sidewalk prior to adding to Baythorne permit drawings. Drenner group negotiating revisions to MOU with AGR to account for the additional funding of the sidewalk   |
| Jan-20   | Murchison MS                     | Noise Issues and Potential Change in Schedule            | December Report: Work site noise generated from utility excavation and rock chipping has abated. Most of the excavation close to the classrooms has concluded. Contractor and PM will continue to coordinate with administrative staff prior to future operations that generate significant noise. There may be a potential schedule delay regarding the completion of the 6th grade addition primarily due to delays in site and building permit issuance. Contractor is working to expedite fabrication and delivery of structural steel so progress can continue. PM and Contractor are working with administrative staff to re-sequence demolition of existing library and renovation of new admin areas, to deliver that space by June 2020. Overall project completion of December 2020 remains as scheduled. | Issue & Risk | Most of the noise generating work from Heavy Equipment has concluded in the 6th grade addition area and the fire lane between the school building and the kickball fields. Will continue to work with admin staff to make them aware of operations that may generate significant noise and work to lessen its impact. There will be a delay to the completion of the 6th grade addition primarily due to delays in site and building permit issuance. Work will continue on the re-sequencing of the library and renovation of the new admin areas to deliver by this summer. Overall project completion (all scope) remains as scheduled for December 2020. |
| Jan-20   | Govalle ES                       | Access Issues and Schedule Impact                        | December Report: The latest schedule submitted by the contractor notes potential delays in substantial completion that may impact school opening. CMD is holding meetings onsite twice a week focused on progress and schedule revisions to recover from delays. Additionally, CMD and Academic Leadership, in conjunction with the school administration are contingency planning for a late move, if one becomes necessary.   | Issue & Risk | Govalle ES Opening has been postponed to February 18 and remains on track for that date. Multiple community tours have been accommodated in preparation for both current and new parents.  |
| Jan-20   | Brown ES                         | Tight Schedule to Finish                                 | December Report: The schedule remains challenging. Multiple weekly meetings are being held focused on remaining tasks. The project remains on schedule and the team continues to work with COA on the various required inspections to open school.  | Issue & Risk | TA Brown successfully opened on time.  |
| Feb-20   | Program Wide Market Escalation   | Escalation and Contingency                               | Austin is experiencing inflation in construction costs beyond projections at a rate up to 6% yearly. This includes increases in the cost of steel and concrete as well as other essential materials. In addition, Austin's continuous growth and influx of large construction projects, including 24 mid to high-rise projects in the downtown area alone, have increased the demand for labor and in turn, its cost. This, along with project specific enhancements, has directly impacted the projects included in this bond program.   | Issue & Risk | NA   |
| Feb-20   | LBJ Medical                      | Community Questions and Concerns                         | AISD recently began receiving questions and concerns regarding the LBJ Medical project, some related to the change in Principal at LBJ ECHS.  | Issue & Risk | Interim Principal Sheila Henry assisted in progressing the design, before Principal Joh Bailey was announced. The project is on schedule and nearing the end of design development.  |
| Feb-20   | Murchison MS                     | Construction Disruption and Potential Change in Schedule | When staff returned from the winter break, we received a few reports of disruptive odor, dust, and noise from construction. CMD inspected the site, conducted air quality testing, and has been meeting with staff on site regularly to address changes. There will be a delay to the completion of the 6th grade addition primarily due to delays in site and building permit issuance.  | Issue & Risk | Air scrubbers have been installed in areas of concern, and construction activities rescheduled to limit the disruptions. Work will continue on the re-sequencing of the library and renovation of the new admin areas to deliver by this summer. Overall project completion (all scope) remains as scheduled for December 2020.  |

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| Feb-20   | New Blazier Relief                         | Access Issues and Schedule Impact             | Access to the school is pending construction of adjacent Baythorne Dr. by neighborhood developer Austin Goodnight Ranch. AISD must vacate existing access easement for COA to permit Baythorne Dr. The board will consider the legal agreements currently under negotiation at its November 18 board meeting.  | Issue & Risk | AGR anticipates to receive COA permit in the next few weeks followed by construction of Baythorne Dr. It was determined that AISD will fund the sidewalk at a cost not-to-exceed of \$25,000 as this sidewalk will be primarily used by the school.  |
| Feb-20   | Eastside Memorial ECHS                     | Budget Issues                                 | Previously, we informed the CBOC of an unfavorable bid, which came in 10% above the project construction budget (PCB).   | Issue & Risk | Reductions agreed to by the architect of record, general contractor and AISD staff which resulted in 5% cost reduction from the initial bid, included items such as decreasing the number of operable classroom partitions, replacing concrete for alternate engineered block at some retaining walls, changing HVAC equipment screening material, changing screen wall materials at the Central Utility Plant, changes storefront glass systems, replacing aluminum column covers with intumescent paint with corner guards and modifications to lighting plans.        |
| Feb-20   | 18-0021 REAGN (Northeast Early College HS) | Cost-Technology Requirements/ Schedule Impact | Cost of Technology requirements are higher than expected. Academic Program is evolving. Re-evaluating the scope of construction so that the total project comes within budget. Schedule could be impacted by 2-3 months, depending on the adjustments.   | Issue & Risk | This will not impact the function of the school or existing academic programs.   |
| Feb-20   | 17-6014-AKINS                              | Schedule Impact                               | Completion has been delayed due to issues with moving the water line easements, as well construction issues with leaks in the new water line. In addition, waterproofing issues were discovered during construction and a correction had to be made.   | Issue & Risk | Do not foresee any further delays. Final Completed moved from December 1, 2019 to February 28, 2020.   |
| Feb-20   | 20-0029 BEDCK                              | Structural/ Ventilation and Budget Issues     | Part of the 2017 Bond Scope was to evaluate and make structural repairs in the crawlspace. While investigating, it was discovered that the structural problems were due to lack of proper ventilation. This also caused damage to hydronic piping and insulation.  | Issue & Risk | To correctly address the problems, mechanical ventilation is needed. Hydronic piping and insulation will then need to be replaced. The ventilation problem must be corrected before making repairs, and the hydronic repairs must be made to prevent failure of the HVAC system. To properly address these items, we estimate needing an additional \$600,000. Contingency money will be used for additional costs. The project is bidding in mid February and we will have a clear idea of the exact cost at that time. No schedule impact is anticipated at this time. |
| Mar-20   | August 2020 Openings                       | Project Oversight                             | This coming summer, AISD is scheduled to open New Southwest ES, New Blazier Relief, the modernized Doss ES, and portions of phase 1 of modernization at Murchison MS. CMD leadership is meeting regularly with project teams to ensure that any issues are identified and solved early.  | Issue & Risk | FF&E for the August openings is being ordered, and plans are being made for installation and move in with each campus.   |
| Mar-20   | Rosdale School                             | Design Challenges and Potential Partnership   | AISD and the Project Team are evaluating potential future education space that may also be suitable for use as a public clinic. Risks to the design and construction schedule include the new Atlas 14 100 year floodplain impacts to the site, condemnation of the undivided jointly owned property with COA, and potential challenges to the schedule as it relates to partnering with an outside entity for a potential clinic. | Issue & Risk | The District is exploring partnerships with clinics to activate the space and generate lease revenue until Rosdale is prepared for the expansion.  |
| Mar-20   | Bedichek MS                                | Targeted HVAC Project                         | Bids received on 2/13/20 were significantly over budget (approx. \$1.5m). The project team is reviewing scope, and the project will likely be re-designed and bid again. The time needed to re-evaluate, re-design, and re-bid will likely delay construction until the summer of 2021.  | Issue & Risk | NA   |
| Mar-20   | Blazier ES                                 | Additions of Studios                          | Consideration is being given to add 3rd grade studios at the new Blazier Relief Elementary project. This may require building out current shell space at the building to create a third grade wing.  | Issue & Risk | Design schematics have been provided and are being priced for further consideration  |
| Mar-20   | Brentwood ES                               | Swing Location Selected                       | Webb MS has been selected as the swing location for Brentwood ES during their modernization project.   | Issue & Risk | CMD is finalizing the design of the swing space and moving into procurement prior to installation this summer.   |
| Mar-20   | Doss ES                                    | Community Concern Regarding Construction      | Community has voiced concerns regarding construction noise and on-street parking. Communication is planned for neighbors via email and possibly outreach.  | Issue & Risk | We anticipate some of these concerns such as noise to diminish as construction moves heavily to interiors.   |
| Mar-20   | Murchison MS                               | Schedule and Campus Disruptions               | Faculty at Murchison has been notified of resequencing construction to deliver the administration this summer and for to be followed by the 6th grade addition.  | Issue & Risk | Construction work issues such as noise and traffic have been mitigated greatly. AISD staff, contractor and PM continue to schedule site walks with the principal and faculty.  |
| Mar-20   | New Northeast MS                           | Increase in student population                | Team is evaluating multiple options to address the potential future increase in student population from 800 to 1100.   | Issue & Risk | Each option is being evaluated on both additional scope and costs.   |
| Mar-20   | Program Wide                               | Escalation and Contingency                    | Inflationary pressures continue on basic construction related commodities, such as steel and concrete Potential supply chain disruptions related to the coronavirus; mechanical systems produced in China are a concern.   | Issue & Risk | AISD staff will continue to monitor and adjust project schedules and approaches to provide best value to the District.   |
| May-20   | Program-Wide Cost                          | Escalation and Contingency                    | The Austin Construction Market is extremely volatile. The combination of historic escalation rates over many years, with the changes due to COVID19 has created uncertainty in the market. The team continues to see increases in material costs including concrete and steel, but recent bidding information suggests an increase in competition which will yield value to the District.  | Issue & Risk | CMD Leadership is closely monitoring program cost projections, including program contingency.  |

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| Date   | Project                | Title                      | Description  | Type               | Follow up  |
| May-20   | Rosdale School         | Budget                     | The project team, Rosedale School community, CAT, and Principal Dickey, throughout design worked to develop the specialized space program to meet the student needs. There are no standards for a school as unique as Rosedale. The current design includes a shell space similar to Blazier Relief that can be finished out at a later date. This additional space would not be feasible to add in the future, due to its integration into the design, and the disruption that future significant construction would cause to school operations. The space needs as developed with the school community and the consideration of future expansion space will increase the costs. We originally anticipated a Fall of 2021 opening; we are now looking at a Spring 2022 opening. | Issue & Risk       | Despite the possible delay, the school community is supportive of pursuing the changes. We anticipate that the additional square footage will be covered by program contingency. We will have refined cost estimates to discuss with the CBOC in months to come.   |
| May-20   | New MS in NE Austin    | Budget an Space Program    | A master scheduling exercise was conducted with the CAT and design team to assess the 800 learner space program as described in the design bridging documents, along with a study of the location and orientation of the building footprint to consider a potential future expansion, which would increase the capacity to 1,100 students. The master schedule process and reviewing the design with AISD Department Heads highlighted the need for additional programming, particularly in Fine Arts and Athletics.   | Issue & Risk       | Costs associated with the additional square footage, within the 800 student capacity, will be supplemented by the use of program contingency.  |
| May-20   | Travis HS              | Crawlspace Asbestos        | The district is preparing to conduct structural repairs to the crawl space, an area which is believed to contain asbestos. Tests of soil samples confirmed contamination, meaning the architects and engineers can't enter the crawl space to determine what structural repairs need to be undertaken until after the asbestos is removed. Regardless, the district will still need to abate the soil, have an engineer enter and confirm/modify district plans, and then proceed with repairs. This could delay the schedule for this portion of the project, and result in this scope of work being deferred to a later date. The remainder of the project is proceeding on schedule.  | Issue & Risk       | As an alternative, the district is trying to assess, without going into the crawl space, which areas might need the most significant structural repairs.   |
| May-20   | Murchison MS           | Schedule Changes           | In February, we notified the CBOC of a schedule resequencing for components of the Murchison MS project.   | Substantial Change | The admin is now on schedule to deliver this summer, with the library and 6th grade addition delivering in late fall of 2020. The COVID-19 shutdown has allowed work in the existing building to accelerate with student and staff off site, which has potential to move up the delivery of the library. |
| May-20   | Casis ES               | Budget                     | During the design process and upon further assessment of the structural conditions of the existing building, it was determined that renovating the spaces to meet modernization standards would not be feasible. This led to a decrease in area we could renovate and increased the need for new construction. This affected project phasing, requiring more portables for swing space.  | Substantial Change | The associated costs of portables will be supplemented by program contingency.   |
| May-20   | Sanchez ES             | Veneer Issue               | Shortly after selective demolition of the existing school started, the project team discovered that the existing exterior brick veneer was incorrectly installed when it was originally constructed in 1977, and that no air gap exists, causing moisture issues within the wall. The area where this problem was discovered was planned to be kept and reused in the modernized building. This is likely to result in a cost increase, and possible use of additional program contingency. This could only be identified once construction began as this issue was enclosed by the exterior brick.  | Issue & Risk       | The project team is investigating to find the best solution.   |
| Jun-20   | Program-wide Cost      | Budget                     | The Austin Construction Market continues to be extremely volatile. The team continues to see increases in material costs including concrete and steel, but recent bidding information suggests an increase in competition which will yield value to the District.  | Issue & Risk       | AISD staff will continue to monitor and adjust project schedules and approaches to provide best value to the District. CMD leadership is closely monitoring program cost projections, including program contingency.   |
| Jun-20   | Baranoff ES            | Roofing                    | The schedule will have to be pushed if we do not have a contract before June 15 <sup>th</sup> . It is also highly likely that we will see Change Order Requests from the contractor due to the delay in executing the contract (escalation in costs of material, delays costs, etc.)   | Issue & Risk       | If we have a contract before June 15 <sup>th</sup> , we should be able to complete the project before school starts.   |
| Jun-20   | Covington MS           | Austin Energy Requirements | The district is upgrading electrical service at the campus. Upon review of our plan, Austin Energy decided they would also like to switch out a city-owned transformer and required the district to install an electricity disconnect. The changes have added schedule risk. The district is currently working on an easement and hopes to have equipment ordered and delivered so work can start in mid-July and end no later than July 30 <sup>th</sup> to reach substantial completion by August 3 <sup>rd</sup> .  | Issue & Risk       | The Project Manager has identified the Thanksgiving Break as an alternative completion period for part of the project if we are unable to complete by August 3 <sup>rd</sup> .   |
| Jun-20   | Brentwood ES           | Chimney Swift Concern      | Last winter, the project team capped the existing incinerator chimney to prevent birds from entering the chimney and roosting or nesting this spring, since we are demolishing the chimney as part of the new Brentwood ES construction. A community member, who is on the CAT, reached out to the project team and was concerned that she believed she had seen swifts flying in and out of the chimney, and perhaps the cap was insufficient.  | Issue & Risk       | CMD flew a drone over the chiney to inspect it, and the cap is intact, and there is no evidence of swifts in the chimney.  |
| Jun-20   | August Campus Openings | Scheduling Concern         | Construction Management continues to monitor the three new campuses opening in August to ensure they deliver on time: Doss ES, New SW ES (Bear Creek), and Blazier Relief. Some materials have been delayed due to COVID. New SW ES may open with temporary light fixtures that will later be replaced. Doss ES had some delays related to providing permanent power to the building.  | Issue & Risk       | Generators and temporary HVAC were used to mitigate this schedule risk.  |

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| Aug-20   | August Campus Openings                                  | Scheduling Concern          | Construction Management continues to monitor the three new campuses opening in August to ensure they deliver on time: Doss ES, New SW ES (Bear Creek), and Blazier Relief. While challenges remain with delays in the delivery of materials, increased inspection scheduling periods as well as some impacts to productivity due to decreased crew sizes resulting from multiple quarantined workers, all three campuses are on target to open in time for faculty to move-in a few weeks ahead of the openings. Other projects to be completed this summer facing similar challenges include the parking garage at Bowie High School and the administrative spaces at Murchison Middle School. Both of these projects are also anticipated to be complete by first day of school. | Issue & Risk       | All three campuses are on target to open in time for faculty to move-in a few weeks ahead of the openings.<br><br>Bowie HS and Murchison MS are both anticipated to be complete by first day of school.  |
| Aug-20   | Eastside Memorial ECHS                                  | Wellness Walk               | Wellness Walk - Early in design, the project included a wellness walk connecting the new school to the parking lot on the lower elevation, eastern side of the site adjacent to ACC's Eastview Campus. Due to budget constraints, the wellness walk was removed from the project, with the intention to revisit it with the CAT closer to completion and see if funds could be identified. This may require additional funds to supplement the project.  | Issue & Risk       | The project team is working with the CAT to re-evaluate the design, to see if the cost can be lowered, and the walk still built. Sources are being explored to supplement the project.   |
| Aug-20   | Covington MS  | Upgrade Requirements        | As part of upgrades at the school, Austin Energy (AE) required new switchgear. The gear is expected to arrive on September 8, and will take approximately two weeks to install and connect to AE's new transformer. There is little risk involved with the last option as the existing equipment is functioning.   | Issue & Risk       | The district is exploring options: If in-person school is delayed again, the work could be done in September; If the scheduled amount of time is short enough, the work could be done during winter break; or the work could be performed during 2021 summer.  |
| Aug-20   | Lamar MS  | Delayed HVAC Parts          | The General Contractor's mechanical subcontractor mis-ordered HVAC parts for the current construction project.   | Issue & Risk       | All but one part will be shipped on August 19, with the final part shipping September 11. AISD is working with the contractor to provide temporary cooling until the parts arrive and are installed.   |
| Aug-20   | McCallum HS   | HVAC Issues                 | Recently, staff and community members contacted AISD regarding HVAC issues at McCallum HS. Over the summer, a new building automation system was installed, and during and immediately after installation some units were down, not running properly, etc.   | Issue & Risk       | These issues were investigated and addressed by the AISD Service Center. Additionally, a 2017 Bond project is currently in design to address additional HVAC deficiencies on campus. That project is anticipated for construction over the summer of 2021.   |
| Aug-20   | Bowie HS  | Discovery of a Void Feature | Discovery to Void Feature While prepping for the foundation, the contractor discovered a void feature during the final geotechnical borings in the footprint of the New Athletics Building. This unforeseen condition will require redesign of the foundation for the New Athletics Building, likely causing a delay to the Athletics portion of the project, and potentially an increase in cost.   | Issue & Risk       | NA   |
| Aug-20   | Waste Diversion and Sustainability                      | Sustainability              | Recently, several AISD bond projects may have failed to achieve the target diversion rates due to a potential issue with vendor performance that was discovered during reporting reviews. This may impact the program's sustainability goals.  | Issue & Risk       | AISD's Sustainability Manager and EwaS have reached out to the vendor to address the issue.  |
| Aug-20   | Sanchez ES  | Budget Increase             | A budget increase of \$857,835 from program contingency is needed to modify the FF&E (Furniture, Fixture and Equipment) budget, as well as additional construction costs for the project.  | Substantial Change | The original FF&E budget amount did not align with the new furniture standards for modernizations projects. Also, the project increased in cost between the 90% and 100% Construction Developments due to final development of drawings and updates to AISD standards.   |
| Sept-20  | Program-wide Cost                                       | Update                      | As reported previously, the Austin Construction Market continues to be extremely volatile. The team continues to see increases in material costs including concrete and steel, but recent bidding information suggests an increase in competition which may yield value to the District. This is also impacted by the COVID pandemic, which has both slowed or delayed some demand for commercial construction, and strained labor supply due to exposure and quarantine.  | Issue & Risk       | AISD staff continues to monitor and will adjust project schedules and approaches to provide best value to the District. CMD Leadership is closely monitoring program cost projections, including program contingency.  |
| Sept-20  | September 2020 New and Modernized Campus Openings       | Update                      | Construction Management Department is excited to open three new campuses this fall; Modernized Doss ES, New Bear Creek ES and New Blazier. Occupancy has been granted, furniture is installed, and staff are setting up their rooms to support remote learning.  | Issue & Risk       | Other projects that completed significant milestones this summer include the parking garage at Bowie High School and the administrative spaces at Murchison Middle School. Other phases are still ongoing for both projects.   |
| Sept-20  | Norman-Sims ES Modernization                            | Schedule Risk               | The Norman-Sims ES project is nearing completion, with occupancy planned for January. CMD is closely monitoring progress, and working with the project team to identify and mitigate any schedule risks.   | Issue & Risk       | Some actions, such as certain necessary trades working overtime to complete the project on time are already underway. Substantial Completion is on schedule for November 2nd.  |
| Sept-20  | Lamar MS Targeted Project                               | Update                      | As reported in August, the General Contractor's mechanical subcontractor provided incorrect submittals for HVAC parts, which led to a project schedule delay.  | Issue & Risk       | The contractor installed temporary cooling which is now up and running, making the building ready for staff. Permanent equipment is scheduled to arrive mid-October for installation.  |
| Sept-20  | Lee ES Classroom Addition                               | Update                      | The Lee ES four classroom addition is behind schedule, due to the project being put on hold early in construction by AISD Leadership. The addition will not be ready on September 8, and is now scheduled to be completed by October 8.  | Issue & Risk       | The Construction Management Department is working closely with the principal, and alternative classroom arrangements have been made within the existing portion of the school, to ensure no impact to teaching and learning.   |
| Sept-20  | New Safe Routes to School Interlocal Agreement with COA | Substantial Change          | The district have agreed to an interlocal agreement with the COA to promote Safe Routes to Schools (SRTS). The interlocal allows the city to contribute to our projects financially, and the district to use its own contractors to carryout work, increasing efficiency and our ability to deliver projects. Efforts could include increasing the width of sidewalks beyond minimums, installing bike racks, enhancing crosswalks, and other accessibility enhancements. Doss ES is the first campus to receive SRTS funding. The program added \$80,000 to the project for pedestrian improvements, which included widening the sidewalk from the standard 5 feet to 8 feet.   | Substantial Change | The city provided funding for a new curb and gutter in the shoulder parking lane, allowing the sidewalk to expand into what was the street, thus saving existing oak trees. The city is currently evaluating other campuses undergoing modernization, including Brentwood and Sanchez elementary schools, and Eastside ECHS. |

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| Sept-20  | Austin HS                    | Budget Increase  | A design change was made to extend the auxiliary gym, allowing for a 94' basketball court. The new design allows for more flexible use of the courts and is consistent with AISD's new Athletics requirements, as well as other high school master plans. The change necessitated a significant increase in structural elements, and reconfigurations of some adjacent spaces, which in turn increased costs.   | Substantial Change | This will require an amendment from program contingency of \$3.2 million, increasing the project budget from \$20.5 million to approx. \$23.7 million. The original Austin HS bond book budget is \$23.5 million.  |
| Sept-20  | Govalle ES Modernization     | Budget Increase  | During construction, the contractor encountered an unforeseen condition related to the connection of the school to the utility lines at Gunther Street, meaning that the connection was in worse condition than was reasonable to expect. The project also required more extensive asbestos abatement than was originally anticipated.  | Substantial Change | This will require an amendment from program contingency of approx. \$500,000 increasing the project budget from \$29.9 million to approx. \$31.4 million. The original Govalle ES bond book budget is \$32.5 million.  |
| Oct-20   | Program-wide Cost            | Escalation and Contingency                             | As reported previously, the Austin Construction Market continues to be extremely volatile. The team continues to see increases in material costs including concrete and steel, but recent bidding information suggests an increase in competition which may yield value to the District. Costs are also impacted by the COVID pandemic, which has both slowed or delayed some demand for commercial construction, and strained labor supply due to exposure and quarantine.   | Issue & Risk       | AISD staff continues to monitor and will adjust project schedules and approaches to provide best value to the District. CMD Leadership is closely monitoring program cost projections, including program contingency.  |
| Oct-20   | Norman-Sims ES Modernization | Schedule Risk  | The Norman-Sims ES project is nearing completion, with occupancy planned for January. CMD is closely monitoring progress, and working with the project team to identify and mitigate any schedule risks.  | Issue & Risk       | Some actions, such as certain trades working overtime to complete the project on time, are already underway. Substantial Completion is on schedule for November 2nd.   |
| Oct-20   | Sanchez ES Modernization     | Roof Deck Issue  | While working on the parapet wall at the roof adjacent to the courtyard, a worker's foot went through the lightweight concrete and roof deck, indicating that it is in worse condition than previously believed. The project team has performed further investigation and testing, to determine whether a new deck should be installed. The area is approx. 22,000 SF, with finishes already being installed beneath.   | Issue & Risk       | The installation of a new deck will likely have a cost and schedule impact, but it is likely the appropriate solution. We will update the committee once a path forward is decided.  |
| Oct-20   | Eastside Memorial ECHS       | Wellness Walk (Update)                                 | At the August meeting we shared that the project team was exploring options to fund the wellness walk. The walk had been previously removed from the project due to budget constraints. After working with the project team to value engineer and re-design some elements, the cost was reduced from an original estimate of \$1.8M to approx. \$500k. The project has a current owner's contingency balance of \$1.75M, and is over halfway complete.  | Issue & Risk       | CMD has approved the use of owner's contingency for the wellness walk, without the need for additional project funds. The CAT was recently notified, and were pleased to hear the news.  |
| Oct-20   | Casis ES                     | Budget Increase  | In May, the CBOC was informed that during the design process and upon further assessment of the structural conditions of the existing building, renovating the spaces to meet modernization standards would not be feasible. This led to a decrease in area that could be renovate and increased the need for new construction. This impacted project phasing, requiring more portables for swing space.  | Substantial Change | The added areas of new construction and the costs of portables will be supplemented by a program contingency allocation of \$8.2 million, increasing the project budget from \$30.7 million to \$38.8 million. The original Casis ES bond book budget is \$35.2 million.                   |
| Oct-20   | Brentwood ES                 | Budget Increase  | In January 2020, the CBOC was informed that Brentwood ES would move off-site to a swing space during construction due to safety and site constraints. In March, Webb MS was announced as the swing space location.  | Substantial Change | Due to market escalation and the additional cost of off-site swing, the project will require an allocation from program contingency of \$6.2 million*, increasing the project budget from \$31.2 million to \$37.4 million. The original Brentwood ES bond book budget is \$35.8 million.  |
| Nov-20   | Bowie HS                     | Discovery of a Void Feature Update and Utilities Issue | In August the CBOC was notified of a void feature that was discovered under the footprint of the New Athletics Building. Unknown Storm Water utility was discovered after Band Hall demolition. Design Team and contractor are working to reroute utility prior to the start of the new Fine Arts Theater. Some delay is anticipated. As-built condition of Sanitary Sewer was discovered to not be as drawn. Relocating this utility is required prior to the start of the new Fine Arts Theater. Some delay is anticipated. | Issue & Risk       | The foundation for the New Athletics Building was increased to compensate for the void features and project will be back on original schedule by end of November. A recovery plan is forthcoming.  |
| Nov-20   | Norman-Sims ES Modernization | Schedule Risk  | The project is nearing completion, with moving scheduled for after Thanksgiving, and occupancy schedule for January. The substantial completion date was moved from November 2 to November 16 due to a switch gear delay.   | Issue & Risk       | The cost of this delay will be funded by project contingency already in the contract, at no additional impact to the budget.   |
| Nov-20   | Brentwood ES                 | Site Development Permit                                | The permit issuance is behind schedule. If permit is not issued by Nov. 20, there may be a work stoppage. This could impact the overall project schedule, but it is too early to tell at this time.   | Issue & Risk       | We are currently working with the city to remedy remaining comments about floodplain based on new soil samples.  |
| Nov-20   | Ann Richards                 | Schedule Update  | Weather, material supply disruptions and inspection scheduling have delayed Ann Richards YWLA.  | Issue & Risk       | A late December move-in is anticipated, and the school is anticipated to open by January 5. CMD is closely monitoring the site and will continue requesting expedited deliveries, maintain constant communication with the city, and work with the contractor on supplementing workforces. |
| Nov-20   | Murchison MS                 | Update   | The new addition and library (courtyard infill) are scheduled for completion in early December, with move in prior to January. Site work including fencing, landscaping, pavement, etc. is on-going. Portable moved and demolitions are scheduled for January.  | Issue & Risk       | The new admin has been occupied since students return in early October. A few remaining punch and IT related items are being resolved. The existing fire panel recently began malfunctioning, so we have decided to replace it. This change is being covered by owners contingency.        |
| Nov-20   | Lamar MS Targeted Project    | Update   | As reported in August, the General Contractor's mechanical subcontractor provided incorrect submittals for HVAC parts, which led to a project schedule delay for the 500 wing.  | Issue & Risk       | The parts arrived and the unit is now installed. The last portion of ductwork is being installed now and the project should be fully completed by Nov. 13.   |
| Nov-20   | Lee ES Addition              | Update   | As reported in September, the project was behind schedule. Contractor is working to complete cap flashing at parapet, installing exterior doors and glazing. Data and security is being pulled electrical is roughed in. We are currently waiting on gas, electricity and sewer to be brought to building. Contractor needs to complete sidewalks and other paving and fencing for the project. Substantial Completion Deadline is now Nov. 13.   | Issue & Risk       | The building is now 80% complete with masonry finishing last week. Windows are installed.  |

| 2017 Bond Program: Issues & Risks, Substantial Changes Log |  |  |   |               |  |
|--|--|--|---|---------------|--|
| Date   | Project  | Title  | Description   | Type          | Follow up  |
| Jan-21   | Norman-Sims ES<br>Murchison MS<br>Ann Richards   | Project Update                                     | All three campuses had a successful move in and open over the break. They were not without their challenges, but staff and kids have moved into the buildings.  | Issue & Risk  | Project teams are working on punch items.  |
| Jan-21   | Brentwood ES   | Schedule Risk:<br>Site Development<br>Permit Delay | <p>The Brentwood Elementary School modernization project is behind schedule due to a delay in receiving the site Development Permit (SDP) from the City of Austin. The delay was due to a number of factors including coordination challenges brought on by COVID-19, site specific challenges including stormwater run off from the site and neighboring park, changes to drainage requirements based on ATLAS 14 numbers, investigating waste water management, reworkin rain garden and tree management based on the size of the site and the fire protection review. Work originally began on site in October 2020 after receiving the Demolition Permit, but it halted at the end of November without the SDP.</p> <p>The general contractor, Bartlett Cocke, received the SDP on January 5 and resumed construction immediately, but the delay has put the modernization behind schedule. The orginal substantial completion date was November 4, 2021.</p> | Issue & Risk  | Bartlett Cocke is working on a recovery schedule to determine a new substantial completion date, which we expect to share with the CBOC in February. The principal and CAT are aware of the delay, and after the district receives the new substantial completion date we will share a more detailed update with the community.  |
| Jan-21   | Eastside ECHS<br>Bowie HS<br>Casis ES<br>Hill ES<br>LASA<br>Sanchez ES<br>Murchison MS | Summer 2021  | Consturction Management continues to monitor the projects delivering over the summer of 2021 to ensure they deliver on time: Eastside ECHS Modernization, Bowie HS Athletics Additions, Casis ES Modernization Phase 1, Hill ES Modernization Phase 1, LASA move from LBJ to original Johnston, Sanchez ES Modernization, and Murchison Phase 2 of Modernization. This will be the most projects completed at one time in the bond program, so CMD is working with each project team to anticipate and address challenges as soon as possible. As specific issues arise, we will bring them to the CBOC's attention.  | Issue & Risk  | As speicific issues arise, we will bring them to the CBOC's attention.   |
| Jan-21   | New MS in NE Austin  | Schedule Risk:<br>Real Estate<br>Transaction Delay | <p>Going back over 20 years as part of the Mueller Masterplan and other planning efforts, 10 acres in Mueller were identified and set aside for a public community school. While planning the 2017 Bond Program, AISD worked ith Catellus and the City of Austin to plan for building the New MS in NE Austin on the previously mentioned parcel.</p> <p>Since the project began, the district has encountered challenges during negotiations regarding the real estate transaction of this parel which have delayed the original start of construction. Negotiations are ongoing, and AISD is hopeful that we will be able to finish our negotiations with the city, and move into construction soon.</p>  | Schedule Risk | The overall impact of this delay to the project is unknown at this time, but will be provided once known.  |
| Mar-21   | Winter Storm Impact  | Possible Schedule Risk                             | <p>The events of the winter storm affected active construction sites across the bond prograom in three aspects: access to the job site, work safe conditions at each location, and delivery of materials. Each of these resulted in delays to activities planned for the week of February 15th. However, at this point, no substantial completion dates have been changed for fall openings as each project team is currently assessing schedule impacts specific to critical milestones.</p> <p>Elsewhere for newly opened campuses, the freezing temperatures resulted in some damages which were promptly addressed and are currently being inspected to determine root cause. This will aid in confirming the quality of construction and instillation as well as evaluate maintenance procedures.</p>  | Issue & Risk  | AISD's Construction Management Department is working with contractors to determine the best strategies for recovery which may include resequencing of tasks and/or acceleration of key components. As the true impacts on completion dates are recognized, CMD will communicate with stakeholders as appropriate and applicable.   |
| Mar-21   | Brentwood ES   | Schedule Delay                                     | In January, we informed the CBOC that Brentwood ES was behind schedule receiving the Site Development Permit (SDP). Work originally began in October 2021 after receiving the Demolition Permit, but it was halted at the end of November without the SDP. On January 5th, the general contractor, Bartlett Cocke, received the SDP and resumed construction immediately, but the delay has put the modernization behind schedule.  | Issue & Risk  | The orignal substantial completion date was November 2021, which would have allowed for an opening date in January 2022. Unfortunately, the delay has pushed the new substantial completion date to March 2022. To avoid disrupting students in the middle of the semester, the new school opening date is August 2022. While it is always the district's goal to open our modernized campuses on schedule, unfortunately, these types of delays can occur during construction projects.   |
| Mar-21   | Govalle ES   | Prevailing Wage Notice                             | The district adopted the Davis-Bacon Prevailing Wage Rates on June 16th, 2014. Three workers, through their attorney, claimed that a subcontractor did not pay them the Davis-Bacon Prevailing Wage for sprinkler system installation for the Govalle ES project. State law requires a governing body to find cause to believe that there's been a violation of the state's prevailing wage statues before workers claim can go to arbitration.   | Issue & Risk  | The Board of Trustees on February 25th, 2021 found just cause to believe that three workers were not paid prevailing wages. The finding by the Board of Trustees forces the party to either settle or enter arbitration under the Texas General Arbitration Act. The District withheld from the contractor the amount claimed and will release that to the parties as determined by the arbitrator in the absence of settlement. The District is not party to the arbitration, and has no further legal obligation beyond releasing funds as directed by the arbitrator. |
| Apr-21   | Govalle Es   | Prevailing Wage Notice                             | Settlement: The district was notified in late March by both the Equal Justice Center representing the workers and the contractor that the outstanding prevailing wage claim has been settled prior to arbitration. Therefore, the district will release money withheld from the contractor as part of the closeout phase of the project.  | Issue & Risk  | NA   |



| 2017 Bond Program: Issues & Risks, Substantial Changes Log |                                      |                                   |   |                    |  |
|--|--------------------------------------|-----------------------------------|---|--------------------|--|
| Date   | Project                              | Title                             | Description   | Type               | Follow up  |
| Apr-21   | Bowie HS                             | Construction Issues Update        | <p>In November, we notified you of a void feature and utilities issue at Bowie HS. The New Athletics Building is being constructed in the location of the old tennis courts. Geotechnical borings were performed around the tennis courts in order to develop a structural foundation design. One geotechnical boring was called for in the middle of the tennis courts. This boring was deferred until June in order to not damage the tennis courts during the tennis season. When the final boring was made, a void was detected. Additional borings were undertaken to determine the extent of the void. The void was not determined to not be extraordinary, but did warrant some structural modifications to the foundation design.</p> <p>The redesign of the foundation delayed construction six weeks. Recovery and acceleration measures were initiated by CMD and the General Contractor. Working six and seven days a week for roughly two months, the General Contractor was able to bring the project back into alignment with the original contract schedule.</p> <p>During the Winter Storm, the project incurred unusually severe weather from February 11th to February 20th. Freezing temperatures and snow prevented the progress of construction. Recovery measures were undertaken. The General Contractor proposed several acceleration solutions that came with significant cost.</p> | Issue & Risk       | After evaluating the acceleration proposed and additional cost, the decision was made to formally extend the completion of the New Athletics Project from 7/6/21 to 7/21/21. Confidence is high that the project will complete as currently scheduled and will be ready for occupancy prior to the start of school in August 2021, thus not impacting when students will occupy the new space.   |
| May-21   | Austin HS                            | Schedule Change                   | <p>As a part of the renovation, a 3D scan was used to model the existing building. This was used during design to proactively identify and resolve MEP, structural, and wall conflicts.</p> <p>Innovative construction planning allowed the team to re-sequence work and install temporary infrastructure to supply conditioned air from 2 existing HVAC units with additional capacity into the renovation spaces. This allowed the contractor to start work on the interior spaces ahead of time, while the school was in session, resulting in over a 3 month gain to the schedule</p> <p>The reduced number of students physically on site due to COVID afforded Austin HS to allow early take-over of spaces for renovation and expansion. AISD – CMD capitalized on this opportunity, along with the contractor.</p>  | Substantial Change | NA   |
| May-21   | Hill ES                              | Bus Loop                          | <p>Turning over Bus Loop Phase 1 (07/23/2021), not Phase 2</p> <p>Accelerate additional sidewalks and covered walkways to complete bus loop with the building</p> <p>In addition to the bus loop, Bartlett Cocke is planning to complete the resealing and stripping of all existing parking areas.</p> <p>There will be ongoing site construction activities in these areas on the premise of the bus parking lot through October 1st. Construction activities will be separated by screened construction fence.</p>   | Issue & Risk       | NA   |
| May-21   | New MS in Northeast Austin           | Real Estate Transaction Delay     | In January, we informed the CBOC of the delay to the New MS in NE Austin project, due to challenges encountered during the real estate transaction. AISD is still in negotiations with the City of Austin to finalize the real estate transaction, and at this time we do not have an anticipated resolution date. As of now, the earliest the project could be completed and the campus could open to students is August 2023, one year past the opening date originally anticipated. Some community members have reached out to the bond website and hotline with questions, and we continue to update them on the project.   | Substantial Change | The general contractor for the project has begun mobilizing on a two-acre parcel adjacent to the site, which they are leasing for temporary use during construction. The GC began installing site fencing the week of April 19, and the trailer is scheduled to arrive in mid to late May. Structural steel has been fabricated and it is currently being stored offsite until the layout area is complete and can receive the delivery. |
| May-21   | Summer Projects (Targeted)           | Permits, Contracts, and Materials | <p>Permits: The City of Austin has been experiencing delays and longer-than-normal review times. All of our permits are either issued, or will be issued within the next two weeks. There are no known issues or risks at this time.</p> <p>Contracts: There are no known issues at this time.</p> <p>Materials: We are currently experiencing longer lead times and delays, in addition to potential cost increases with numerous materials – HVAC equipment, electrical equipment, plumbing equipment, lumber/flooring, etc.</p>  | Issue & Risk       | <p>Permits: We are monitoring the final permits that we need, to ensure that we do not encounter any problems.</p> <p>Contracts: N/A</p> <p>Materials: We are working with contractors to secure the purchase of these items, improve lead times, and/or find alternative suppliers and manufacturers.</p> <p>At this time, we are confident that we can work through these issues and finish all projects on time this summer.</p>      |
| Jun-21   | Reminder: Summer Projects (Targeted) | Permits, Contracts, and Materials | See above   | Issue & Risk       | See above  |
| Jun-21   | Modernized Campuses                  | August Campus Openings            | Construction Management continues to monitor the eight new/modernized campuses opening in August to ensure they deliver on time (Eastside Memorial ECHS, LASA HS Move, Sanchez ES, Casis ES Phase 1, Hill ES Phase 2, Murchison MS Phase 2, Bowie HS Phase 1, Ann Richards HS Phase 2). Some materials and inspections have been delayed due to COVID, but each project remains on track to open for students on time   | Issue & Risk       | We are currently working through the final remaining issues with network equipment, furniture, and academic equipment/supplies.  |

| 2017 Bond Program: Issues & Risks, Substantial Changes Log |                   |                 |   |              |           |
|--|-------------------|-----------------|---|--------------|-----------|
| Date   | Project           | Title           | Description   | Type         | Follow up |
| Aug-21   | Program-wide      | COVID Spike     | <p>Grand Openings and Celebrations at Modernized campuses welcoming students this fall have been postponed until at least October. This is after months of staff, consultant, and campus-based planning.</p> <p>COVID cases are occurring among staff, increasing the number of individuals, including individuals in Construction Management and other bond-related departments, having to quarantine. Depending on severity and staff responsibilities, staff may not be able to work remotely and must use personal leave during quarantine period.</p> <p>On-site construction COVID safety measures remain in force, and CMD continues to monitor sites for compliance.</p>  | Issue & Risk | NA        |
| Aug-21   | Austin HS         | School Openings | <p>Austin HS experienced challenges with gym flooring where material shortages, partly due to snow storm Uri, impacted delivery dates. Existing conditions were vastly different from as-builts and presumptions. The team conducted a virtual scanning of the existing building with the help of Building Information Modeling (BIM). Due to this, they were able to identify the accurate locations of existing structure and Mechanical Electrical Plumbing (MEP) systems in the building that were to be renovated. This helped the team to come up with design solutions reducing clashes between new construction and what was existing. The team has been successful in compressing the schedule of the project which was to be delivered next year in the month of June to the end of this year.</p> <p>One of the challenges with the most impact has been changes to agreed plans with the fire marshal office. At the onset of the project, it was agreed that the phasing of the project would be allowed without separate permitting efforts. This course was changed weeks before opening and yielded a myriad of adjustments in the scope. Egress challenges were identified during the project that required redesign and re-sequencing of scope. Due to some float in the schedule and the team's swift action to correct, this did not impact the overall schedule. As with most projects of renovation in an occupied area, the biggest challenge is the separation and limits of construction along with configuring the project layout in such a way as to minimize impact to school operations and above all provide a safe environment for the school and contractor workers alike.</p> <p>The former Austin HS principal resigned in early summer, and the new principal was not hired until early August. The project team immediately met with the new principal to update him on the project, and coordinate the move in with him.</p> | Issue & Risk | NA        |
| Aug-21   | Bowie HS          | School Openings | <p>Bowie HS faced material shortages, including metal for the lockers in the athletics facility delivered this summer. These shortages extended to gym flooring – where materials increased in demand drastically after snow storm Uri as many campuses experienced damage from utility pipes bursting. .</p> <p>Additionally, changes in requirements from city inspectors, such as a different insulation requirements, presented challenges to procure and install in time for school opening. The challenges were overcome and the athletics building opened in time for students.</p>  | Issue & Risk | NA        |
| Aug-21   | Ann Richards SYWL | School Openings | <p>Phase 2 of the Ann Richards School for Young Women Leaders includes opening a student parking lot. The project faced an abnormally wet summer and material shortages of flexbase, a required material for construction. Though the weather impacts were severe, parking is scheduled to open only a week after the original schedule.</p> <p>Other challenges include expired Right-Of-Way (ROW) permits and material shortages on steel required for plating openings for drainage across a sidewalk that impact the bus loop. The team is working through this and is anticipated to open the bus loop two weeks from original schedule.</p> <p>This project also includes a track and field component. Removal of an existing energy pole in obstruction of the field plans added to some delays. This pole was to be removed by Austin Energy upon decommissioning the rest of the permanent power and transformer to the demolished original ARS campus. The project also faced delays in demolition of the original campus due to snow storm Uri. The track and field portion of the project was substantially impacted by these delays and is now scheduled to complete on the last week of September. CMD has assisted the campus in coordinating offsite athletics until the track and field are finished.</p>  | Issue & Risk | NA        |



**2017 Bond Program: Issues & Risks, Substantial Changes Log**

| Date   | Project                 | Title           | Description   | Type         | Follow up |
|--------|-------------------------|-----------------|---|--------------|-----------|
| Aug-21 | Eastside ECHS           | School Openings | <p>The Eastside ECHS project experienced numerous scheduling, materials, and permitting challenges, all which impacted the delivery and occupancy of the project. Some of the material shortage challenges at Eastside ECHS included CT2 Tile that is glazed and part of our historic landmark commission's requirements for this project. The freeze collapsed the roof of the plant and disabled all major electrical at the site. Arrangements had to be made for a plant in Georgia to manufacture these. Sound baffles, plywood, and other materials had to be substituted due to lead-times exceeding our critical path dates for installation. Inclement weather also added to the challenges as the rain and mud days over the past 2.5 months exceeded what was anticipated and set back concrete walks and ramps, student parking, and landscaping. Crew sizes increased and worked longer days.</p> <p>Austin Energy provided redesign information for the new electrical service at the new fieldhouse the week the project was scheduled to energize service. Texas Gas changed the location of the gas service to the new building from what they approved in the construction drawings the month scheduled to have the gas services turned on for use; This required construction to install additional gas pipe to accommodate the late redesign. This had a domino effect and the gas was turned on very late (1 week before school started) which did not allow heating to be used in conjunction with the cooling for dehumidification and in turn caused delays in the installation of the gym wood floors and finishing. The gyms are still under construction and will be turned over September 13.</p> | Issue & Risk | NA        |
| Aug-21 | Eastside ECHS Continued | School Openings | <p>Inspections posed other challenges as well. The size of the campus and the workload of the city of Austin inspectors did not allow them to start and complete inspections for this project. For example, the electrical inspector would only do one floor per building per day. Building B is five stories, in addition to Building A which is one story, meaning it would take at least six days (which would not be consecutive due to other fire marshal demands around the city.) The same can be said about electrical inspections which took over 2 ½ weeks to meet demand. Adding to this challenge were additional requirements by the fire marshal not included in the original permitted drawings. One example of this is the 86 additional emergency battery back-up light fixtures added to the building during our fire final inspection.</p> <p>Changes in programmatic requirements were identified after the building construction was underway. These included changing a maker-space to a computer lab which yielded electrical, mechanical and technology changes. Other changes included changing a business room to a computer lab and adding four sinks to the health sciences space. All of these challenges multiplied the effort required by the furniture installation teams. Trucks were diverted while en route to an AISD warehouse where they remained until the building was ready to receive.</p>  | Issue & Risk | NA        |
| Aug-21 | LBJ ECHS                | School Openings | <p>The district continues to work with various departments within the City of Austin on unique real estate issues. To implement the 2017 Bond Program, the district has executed in excess of 60 real estate easements with the City of Austin and other utility providers. Often, the city requests changes to easements late in the design and construction process. For example, recently, the city awarded the district funds to plant trees at LBJ ECHS on both district and city-owned property. Use of city property triggered unanticipated legal issues and the need for agreements that must be approved by the City and the Board of Trustees. While the unanticipated issues are not complex, they do result in additional staff, contractor and Board of Trustee workload.</p> <p>In recent weeks, AISD has heard concerns from community members regarding the academic vision and campus master plan for LBJ. CMD is working with AISD academic leadership, the LBJ CAT, and project design team to review and possibly modify the master plan.</p> <p>In August, CMD learned that the principal at LBJ ECHS was changing. We are currently working with an interim campus leader and School Leadership to plan for onboarding the new principal in September.</p>   | Issue & Risk | NA        |

| 2017 Bond Program: Issues & Risks, Substantial Changes Log |                     |                 |   |              |           |
|--|---------------------|-----------------|---|--------------|-----------|
| Date   | Project             | Title           | Description   | Type         | Follow up |
| Aug-21   | New MS in NE Austin | School Openings | <p>In January and May of 2021, we informed the CBOC of a delay in the real estate transaction for the New MS in NE Austin project. This delay puts the project schedule on hold.</p> <p>While the real estate transaction is still being negotiated, a lease agreement with the City of Austin is now in place for the property. This step allowed Joeris General Contractors to mobilize on-site in early August and begin earthwork, which will pave the way for laying the foundation and steel erection. The district is hopeful that final negotiations will conclude by early 2022. With this updated timeline now in place, the district is on schedule to open the new middle school for the Fall 2023 semester.</p> <p>An update is being sent to the CAT, community, and project update group, and a community meeting is being scheduled for the September to discuss construction logistics and a general project update.</p>   | Issue & Risk | NA        |
| Aug-21   | LASA HS             | School Openings | <p>HVAC: Spot coolers were installed in certain spaces throughout the campus starting on August 16, 2021. Troubleshooting has been ongoing and all replaced AC units are on and cooling. All replaced chilled water pumps are on and working properly. For the rest of the system that was not replaced, troubleshooting is ongoing and progress is being made. Most areas identified on August 16 are starting to cool. The day before school began, we discovered that one chiller was down and the second was not maintaining temp. A temporary chiller was installed last week and the chilled water system is working properly. This does not resolve all HVAC issues; We have other issues that are unrelated to the chiller. Service center is working on repairs and rebuild of the chiller(s).</p> <p>Floor installation: Flooring in the dance and jazz band rooms will be installed August 21-22. Flooring in rooms 703, 711, 704, and 706 will be installed during Christmas break.</p> <p>Utilities: Site drainage work is part of Phase 3, which is scheduled to be complete on September 27. The right-of-way connection for the site drainage work in the west courtyard of the school is expected to occur early September.</p>  | Issue & Risk | NA        |
| Aug-21   | Casis ES            | School Openings | <p>The Casis ES Phase 1 of Modernization opened with a relatively smooth occupancy and move-in.</p> <p>Casis ES experienced a two month delay to the permanent power milestone due to Austin Energy issues with permitting work in the Right-Of-Way (ROW). The project team deployed additional temporary air measures to allow finishes to continue and building to be turned over on time.</p> <p>GATTN was not provided on schedule due to ROW issues with other work being performed along Exposition Blvd. To meet this challenge, the team deployed temp measures for life safety systems to support inspections and allow for TCO to occur as planned. The City Of Austin (COA) electrical inspector was requiring additional scope to be completed prior to allowing energizing permanent power due to confusion regarding COA residential requirements vs commercial. The team worked overtime to satisfy inspector and support permanent power milestone.</p> <p>A site plan correction and temporary drainage measures were required to allow staff to occupy courtyard which was not originally scheduled to be provided until phase 2 at the request of the principal. Existing sidewalk elevations along Exposition are not as depicted in as-builts. The team reworked access plan to school and is still resolving any additional impacts for this issue.</p> | Issue & Risk | NA        |
| Aug-21   | Hill ES             | School Openings | <p>The project faced some delays with Texas Gas design which was not ready at the time of installation. In turn, an 8 to 10 week delay was identified that jeopardized the occupation of school. This redesign and relocation of the gas meter triggered a site plan correction which added to the delays.</p> <p>Other challenges included changing of millwork as the material sourced did not meet AISD standards as well as replacement of lintels which were determined to have an unacceptable deflection.</p> <p>Adding to scheduled challenges was the removal of existing portables. Portables needed to relocate in order to construct and deliver the bus loop earlier than scheduled. This meant the school needed to turn over the portables two weeks before the summer break. This task included activities such as procuring and coordinating movers, safely disconnecting all utilities, moving three portables, and abating three others before demolition.</p>   | Issue & Risk | NA        |

| 2017 Bond Program: Issues & Risks, Substantial Changes Log |                        |  |  |                    |   |
|--|------------------------|--|--|--------------------|---|
| Date   | Project                | Title                                      | Description  | Type               | Follow up   |
| Oct-21   | Ann Richards SYWL      | Project Updates and Schedule Delays        | <p><b>Project Updates:</b> The student parking lot is open as of Aug. 30. The band tower has been installed, but needs to be painted.</p> <p><b>Schedule delays:</b> COVID-19 delay—Turf field installation crews were quarantined for two weeks, pushing back the delivery date. Rain delay—Due to the processes required to lay the track surface, the rainy weather has pushed back the delivery date.</p> <p><b>The substantial completion for all remaining phases is expected by the end of Oct.</b></p>   | Issue & Risk       | NA  |
| Oct-21   | Lively MS              | Gas Leak                                   | <b>Issue:</b> The school reported a natural gas smell and a call was placed to Texas Gas. AISD's Construction Management Department (CMD) and Service Center were notified that the gas was shut off by Texas Gas. CMD and Service Center found gas leaks throughout the campus.   | Issue & Risk       | <b>Response:</b> Texas Gas replaced the gas meter. Novium, the general contractor for the bond project, fixed all leaks—both the leaks associated with the bond work and all other leaks outside of the bond scope. The gas was turned back on in the kitchen and restored to the rest of the campus. |
| Oct-21   | Performing Arts Center | Adjacent Construction & Parking Agreements | <b>Adjacent Construction Update:</b> In mid-September a contractor notified AISD Performing Arts Center (PAC) staff that construction was scheduled to begin adjacent to the PAC and may impact access to the garage. The construction is of residential condos, which will have access to a number of parking spaces in the PAC garage. The provision of a few parking spots was included in the Purchase Sale Agreement when AISD acquired the land for the PAC.   | Issue & Risk       | <b>Response:</b> CMD is working with the contractor to mitigate any impacts to the PAC, and will continue coordinating with PAC staff to prepare for the construction. Maintaining AISD access to the garage during construction is of highest importance.  |
| Nov-21   | LBJ ECHS               | Follow-up                                  | <b>Update:</b> The LBJ Fact Sheet has been distributed at LBJ sporting events and has been included with the November CBOC materials.  | NA                 | NA  |
| Nov-21   | T.A. Brown ES          | Update                                     | <b>Update:</b> T.A. Brown ES received its Leadership in Energy Environmental Design (LEED) Gold Certification.   | NA                 | NA  |
| Nov-21   | New MS in NE Austin    | Real Estate Transaction Delay              | The lease agreement was executed on July 29, 2021, which allowed AISD to begin work on the project. AISD's temporary lease agreement expires six months from the execution date. There have been delays in coordinating with the City of Austin. AISD staff is working through the purchase and sale agreement.  | Issue & Risk       | NA  |
| Nov-21   | Bowie HS               | Existing Domestic Water Leaks              | Bowie HS has been experiencing pressure fluctuations in the domestic water system, impacting the restrooms in the Academic building, and water equipment required for the cooling tower in the central plant.<br><br>Increased pressure caused two water leaks that flooded the crawlspace under the Administration building. Water was evacuated, and the piping breakages were found and repaired.   | Issue & Risk       | Temporary measures are presently in place and permanent resolutions are in process.   |
| Nov-21   | Bowie HS               | Condensate Overflow Leak                   | Oct. 25 the Construction Management Department (CMD) was notified of a leak at Bowie HS. CMD determined that the leak was a condensate overflow from temporary chillers onsite. The condensate overflow did not cause any significant damage.  | Issue & Risk       | NA  |
| Nov-21   | Bowie HS               | Exposed Exterior Doors                     | The exposed exterior doors on the North and West sides of Bowie HS's Athletics building are experiencing slight water intrusion during heavy wind-driven rain. These doors are directly exposed with no recess or cover.   | Issue & Risk       | The contractor is modifying the door hardware and thresholds in an effort to eliminate future water intrusion. AISD has reviewed the issue with the contractor on-site.   |
| Nov-21   | Bowie HS               | Project Schedule                           | <p><b>Project Delivery:</b> Delivery of AC equipment from Trane was delayed until Aug. 2021, impacting the 2013 and 2017 bond projects at Bowie. Installation for both projects had to be postponed to Summer 2022.</p> <p><b>Accounting Implications:</b> Finance reviewed possible expenditures to be reclassified. The goal was to utilize the remaining \$1.3M budget balance on the 2013 bond project. The district was unable to reclassify. Reclassifications can only occur using expenditures in the active fiscal year (2022—July 1, 2021 to June 30, 2022).</p> | Substantial Change | NA  |
| Feb-22   | Rosedale Opening       | Project Update                             | <p>Project is on schedule for the educational and administrative spaces to open Feb. 22, 2022. The medical section will follow in spring.</p> <p>The FF&amp;E installation and deliveries began on Jan. 10. Some delays in materials pushed the furniture completion date to Feb. 18.</p>  | Issue & Risk       | The final move from the old campus to the new campus will occur on Feb. 19. Staff will have access to the new campus by Feb. 14.  |
| Feb-22   | Eastside ECHS          | Project Update                             | <p>The construction crew continues to work on punch list items.</p> <p>The wellness walk and parking lot near ACC are complete.</p> <p>Building automation system commissioning has started and is 6-8 weeks away from full automation control. Commissioning is anticipated to continue through April 2022.</p>   | Issue & Risk       | The grand opening ceremony is scheduled for March 2022.   |

| 2017 Bond Program: Issues & Risks, Substantial Changes Log |                     |   |   |              |   |
|--|---------------------|---|---|--------------|---|
| Date   | Project             | Title   | Description   | Type         | Follow up   |
| Feb-22   | LBJ ECHS            | Construction Update                           | Floor cutting for second level and framing-in clear story on roof are ongoing.<br><br>Wall rough-in inspections are complete.<br><br>Extensive electrical shutdowns continue during the weekends and holidays.  | Issue & Risk | NA  |
| Feb-22   | LBJ ECHS            | Clinic Update                                 | AISD's Academics Department and Office of Innovation and Development are working to identify potential clinic partners.   | Issue & Risk | NA  |
| Feb-22   | LASA HS             | Construction Update                           | Flooring, storm sewer tie-in, and Texas Accessibility Standards (TAS) work was completed over Winter Break.<br><br>Punch list is over 75% complete.<br><br>The security vestibule glazing is expected to be delivered by late March.<br><br>Corrections to the PA system and clocks are being made.   | Issue & Risk | NA  |
| Feb-22   | New MS in NE Austin | Real Estate Update                            | AISD closed on the purchase of Lot 2 on Jan. 28, 2022. Recording of the Lot 2 easements is in process.<br><br>An amendment was executed that extends the lease of Lots 1, 3, and 4 through June 30, 2023. The monthly base rent is \$55, 193, totaling \$938,281. Due to value of construction activities, AISD was credited \$599, 778 towards rent by the City of Austin (COA).   | Issue & Risk | A new appraisal is being ordered to determine if rent should be reduced. If rent is not reduced, AISD must pay \$338,503 out-of-pocket for utilizing the lots through expiration.   |
| Feb-22   | Targeted Projects   | Supply Chain and Material Availability Issues | Due to supply chain issues, some targeted projects risk being pushed to summer 2023. AISD's Construction Management Department (CMD) is monitoring these issues and taking action to mitigate risk including: modified bid schedules, changed procurement processes, and modified scope and schedules.<br><br>16 projects are expected to proceed (Approx. \$10.5M). 6 projects are at risk (Approx. \$7M). 7 Projects will have to push (Approx. \$10M). | Issue & Risk | NA  |
| Feb-22   | CMD Staff           | Staffing Challenges                           | The Construction Management Department (CMD) is facing staffing shortages, particularly on the accounting team. The process to rehire four vacant positions is underway.<br><br>CMD leadership is working to provide immediate supporting through: temporary staff augmentation, flexing other roles to support, and collaborating with the Finance Department.   | Issue & Risk | Critical functions are being prioritized until additional support is on board.  |
| May-22   | Rosedale School     | Update  | Rosedale School opened on Feb. 22, 2022. Construction on the clinic continues.  | Issue & Risk | NA  |
| May-22   | Eastside ECHS       | Update  | The Grand Opening Ceremony for Eastside ECHS was held Mar. 31, 2022. Punch list construction and commissioning continues.   | Issue & Risk | NA  |
| May-22   | LBJ ECHS            | Update  | Changes to some spaces (i.e. dispersed dining and medical rooms) are ongoing. These changes may push the completion date.   | Issue & Risk | NA  |
| May-22   | LASA HS             | Update  | Punch list is almost complete. The project is experiencing material shortage delays for security vestibule glazing. A late May completion is anticipated.   | Issue & Risk | NA  |
| May-22   | New MS in NE Austin | Update  | Lot 2 easement recordings are complete, with the exception of electrical. The project is on track for the anticipated opening of fall 2023.   | Issue & Risk | NA  |
| May-22   | Targeted Projects   | Deferred Projects                             | Some summer 2022 projects will be deferred to summer 2023 due to procurement challenges and supply chain issues.  | Issue & Risk | NA  |
| Jun-22   | Targeted Projects   | Delays  | Projects are experiencing continued delays due to long lead items (i.e. mechanical and electrical equipment).   | Issue & Risk | The Construction Management Department (CMD) continues to provide solutions to these delays, such as expedited orders and altered equipment installation plans. All plans ensure campuses are ready to accept students in August. |
| Jun-22   | Eastside ECHS       | Update  | Punch list is almost complete.<br><br>Wellness Walk slope movement shifted portions of the walk.<br><br>Construction is ongoing and includes recent changes.  | Issue & Risk | The team is studying the cause of the slope movement to determine solutions.  |
| Jun-22   | LBJ ECHS            | Update  | Assessment of challenges and opportunities identified shared with the Campus Architectural Team (CAT) on May 8. Completion date is being communicated as it's determined.   | Issue & Risk | NA  |
| Jun-22   | LASA HS             | Update  | Glazing materials were delivered. Upon installation, a portion of the canopy was identified as needing removal. The current completion date is late June.   | Issue & Risk | NA  |