

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

| Date   | Project                          | Title   | Description  | Type         | Follow up   |
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| 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 estiated 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 Bentwood 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 wwas 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 conculed 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. |

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| 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 Decemeber 2020.  |
| 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 projct 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 Febryary 28, 2020.  |

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| Feb-20 | 20-0029 BEDCK           | Structural/<br>Ventilation and<br>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<br>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<br>and Potential<br>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<br>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 |  |
| 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<br>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<br>Concern Regarding<br>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<br>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<br>MS     | Increase in student<br>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<br>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<br>Cost    | Escalation and<br>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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| 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 NE MS         | 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.   |

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| 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 chimney 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.   |
| 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  |

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| 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 furnitur standards for moderniations 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 haveagreed 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. |
| 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.  |

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| 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.   |

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| 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.<br>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.   |
| 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 | 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.<br><br>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. | 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 specific issues arise, we will bring them to the CBOC's attention.   |

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| Jan-21 | New NE MS           | 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 with Catellus and the City of Austin to plan for building the New NE MS 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 parcel 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 program 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  | <p>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.</p>  |
| 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 original 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 statutes 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.  | Issues & Risk | NA   |

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| 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> | Issues & 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. 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>   | Issues and Risk    | NA   |
| May-21 | New MS in Northeast Austin | Real Estate Transaction Delay | <p>In January, we informed the CBOC of the delay to the New NE MS 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.</p>  | 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. |

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| 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> | Issues and Risks | <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 | <b>Reminder:</b><br>Summer Projects (Targeted) | Permits, Contracts, and Materials | See above  | Issues and Risks | 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  | Issues and Risks | We are currently working through the final remaining issues with network equipment, furniture, and academic equipment/supplies.   |