

Date: November 28, 2018  
To: President’s Cabinet  
From: Dan Okoli  
Subject: Status of Major Campus Projects

	<u>Project Budget</u>	<u>Anticipated Completion Date</u>
<b>1. Recital Hall – Construction</b>	\$15M	03/19

*This \$15,000,000 project will construct a 250 person Recital Hall connected on three sides to an existing facility between Clifford White Theater and Ardrey Auditorium. The addition of this space is 21,075 GSF of new construction with 5,600 GSF of renovated space adjacent to the Recital Hall. The scope of this work will include the relocation of the existing Instrument Rehearsal room to a second floor construction over the existing Choral room.*

*Construction is progressing well and the building is on schedule to open for the Spring 2019 semester. The majority of the construction work is scheduled to be completed by November 2018, with the final commissioning and punch list items to be finalized in December 2018. Finishes throughout the building are currently being installed. Phased move-ins are being coordinated now, and will take place once the Fall semester finalizes. University staff will receive building system training in January 2019, and the final close out process of the project will take place over February and March 2019.*

<b>2. Science Annex 3<sup>rd</sup>/4<sup>th</sup> Floor Renovation –Construction</b>	\$17.4M	5/19 (stairs 9/19)
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*The 3rd and 4th floors of building 20 Science Annex (formerly Chemistry) are currently not occupied due to numerous Building, Fire and ADA codes issues as well as general disrepair affecting virtually all building components including HVAC, electrical, windows (common to the entire building) and finishes. The space also contains hazardous materials that do not necessarily pose an immediate health threat, but must be remediated prior to construction activities. The intent of this project is to bring those two floors into code compliance and general modernization. These two floors will be constructed as open office space. Upon completion of the space, it will serve as a temporary swing space to enable the construction of the new STEM 1 building and provide office space support for it long term. The total renovation of the 3rd and 4th floors is 34,115 GSF, while the total building is 73,168 GSF.*

*All Phase 1, early construction/summer work completed in time for the start of the semester in August. The first and second floors are currently open and operating for students and staff. All construction is underway and will finish by May 2019. Due to the extremely disruptive nature of the stair replacement work we are waiting until summer to start when the building is empty. The stairs construction will be complete September 2019. Furniture is in the final phases of selection.*

<b>3. Multi-Discipline Academic/Research STEM Building - Planning</b>	\$139M (estimate)	TBD
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*This project represents the construction of a new 162,500 GSF building dedicated to multiple disciplines within the STEM programs. A new multi-discipline science building is needed to provide adequate space for departments that have increased enrollments and research activity over the last several years in order to maintain a high academic standard.*

*Planning Design and Construction administration has made project presentations to the steering committee in mid-July, with a follow-up chartering session held on October 17, 2018. An RFQ for programming will be issued before the end of the year*

**4. Thermal Storage Fieldhouse Multi-purpose Center - Planning**                      \$5M                      TBD

*This project initially includes the Design Development & Budget Estimate only to provide and install MEP equipment to be able to produce ice on the floor of the Fieldhouse in order to support Ice Hockey and recreational Ice Skating (piping was installed in the slab-on-grade as part of the Fieldhouse new floor project 09.300.171). Also included is the Schematic Design for the restroom, storage, & mechanical room areas that will be required to support this use. This project has been combined with the Ice Plant project to share chiller resources and provide overall Physical Plant economies.*

*The design professional, Lightvox Studios is proceeding with schematic design for both the ice rink and thermal storage components of the project. Schematic Design for the fieldhouse & civil components have been received. Schematic Design for the Thermal Storage has been delayed due to system efficiency challenges discovered during the modeling component of this phase. The team recently agreed (11/20) to proceed with completing the original scope of thermal storage design and cost estimating in order to fully understand the true life cycle cost analysis. A final SD package is now scheduled to be delivered week of December 4<sup>th</sup> with cost estimate following three weeks later. The CM@R Selection Committee selected Kinney Construction Services as the CMAR. The pre-con services contract is now currently being negotiated and was on hold as a result of the recent thermal storage cost analysis discovery. Van Boerum & Frank Associates was selected by the ARQ Selection Committee for Commissioning (CX) services and their contract is currently being negotiated as well. Contract execution for both CMAR & CX are pending a forthcoming Capital Projects Budget Authorization (CPA) revision for services associated with the next phase of design and pre-construction. Timing of execution is dependent on CPA revision and approval.*

**5. Native American Cultural Center Addition – Planning**                      \$4M                      TBD

*The goal of the project is to relocate the Institute for Tribal Environmental Professionals (ITEP) program to the building. The program is currently in the Peterson building, which is targeted for demolition. Exact square footages and budget of the new space are still to be determined.*

*This project is dependent on fundraising before moving forward into a full programming and design effort. President Cheng went before the 23rd Navajo Nation Council and also met with Navajo Nation President Begaye and staff. The Navajo Nation general fund balance will be known on Nov 15 and any unfunded requests will be determined after that time. A determination on partial funding of this project by the Navajo Nation should be known in December.*

**6. Additional Moves related to SICCS on 3<sup>rd</sup> Floor of Building 90**                      TBD                      9/18

- Renovate Basement of DuBois for ITS                      \$420,000

*This project will renovate the existing Engineering space that is in the basement of DuBois, building 64 to enable ITS personnel to move in. The ITS personnel need to move in to free-up space on the third floor of SICCS for additional SICCS use. This project has received funding and Loven Contracting has been selected as the General Contractor through the JOC program. With the LRC building still in design, this project will not move forward this summer. There is a portion of the project, adding AC to an area of the basement that is too warm in the summer to occupy, that is now complete. The rest of this project is dependent on moving forward with the LRC Renovation (below).*

- Renovate LRC Bldg. 61 for Engineering                      TBD                      TBD

*This project will renovate the interior space of building 61 to replace the classrooms that will be lost from the DuBois basement renovation. Additional classroom space will also be added to meet increased demand. Loven Contracting has been engaged to provide pre-construction estimating and design services to complete the work. The Project Manager and user group have reviewed and revised a second round of programming material; one additional round of review is anticipated and then pricing for programing will be finalized. Additional funding is being requested to finish schematic design.*

7. **ARD Landscaping - Construction** \$1,052,000 12/18  
*ARD Pond Landscaping includes newly routed sidewalk from corner of University and Knoles west, new landscaping along the sidewalk and a new monument sign serving the west entrance to the campus, near the west border of the property (Target side).*

*Construction work has commenced and will be complete by the first week of December 2018, with the exception of final planting. Due to the late delivery of the stone we could not finish the planting in front and behind the monument. The last of the planting will be in early spring.*

8. **Multi-Building Energy Assessments - Design** \$482,000 12/18  
*This project provided energy assessments on multiple buildings. As a result, Facility Services is investigating moving forward with energy conservation measures, including retrofitting lighting and making mechanical system improvements. R.G. Vanderweil has been engaged to provide some additional energy performance design information before moving forward with a decision on performing the construction portion of this project. R.G Vanderweil has requested additional information to complete their analysis; this information has been sent as of mid-October. Subsequent information was requested and sent in mid-November to which the DP stated the report would be sent by December 14<sup>th</sup>. Facility Services is pushing to have the report delivery date improved.*

9. **Student Athlete High Performance Center - Planning** TBD 11/20  
*The Student Athlete High Performance Center is a collaboration between NAU Athletics and the College of Health and Human Services. The proposed 77,000sf building will focus on the wellness and development of NAU student-athletes and provide educational opportunities for NAU students. The building's features will include:*

- Public Welcome Area (NAU Hall of Fame, Box Office)
- Competition and Practice Gym (~2,200 seats)
- Strength and Conditioning
- Sports Medicine Facilities
- Nutrition Station
- Oxygen-Related Altitude Training and Recovery
- Teams Lounge
- Coaching offices
- Academic Support

*Nations group was selected through an RFP process to complete an Economic Development Study to assess feasibility. The Economic Feasibility report was received in September, and as of early October, has been shared with University Administration, which has advised to proceed with DP and CMAR procurement. The DP RFQ is in progress and will be issued in early December. The CMAR RFQ will follow immediately. Athletics' requested opening date is November 2020.*

10. **Prochnow Renovation - Design** \$550,000 11/18  
*This project will provide NAU an initial concept package to submit to a General Contractor for GMP pricing. Some of the items to be addressed in the design plans are the renovation of the lobby, including but not limited to, replacing the carpet, egress lighting, rebuild and resurfacing of the front stage, new ceiling and wall lighting, and a redesign of the lobby space. The entire building will undergo complete ITS re-wiring to bring the building to current ITS design guidelines.*

*The Design Professional, Lightvox Studio, is finalizing the 90% Construction Documents set by November 30<sup>th</sup> for plan review. December 28<sup>th</sup> we will receive final drawings and start a Hard bid process to issue contracts by January 25<sup>th</sup> 2019. The scheduled construction window is March 15<sup>th</sup> through May 17<sup>th</sup> in order to be completed prior to orientation for summer 2019.*

- 11. McConnell Sidewalk and Multi-modal Improvements-** Planning \$87,500 9/18  
*This project assessed the feasibility of realigning McConnell Drive in order to improve movements of vehicles, pedestrians, buses and bikes. There is a safety concern for students traveling along McConnell, between I-17 and Knoles, as there is no sidewalk on either side. This project is being further investigated with agency partners including NAIPTA, ADOT, City of Flagstaff, and others.*

*The feasibility study provided a conceptual design for the best infrastructure solution(s) to improving safety and flow of all modes of transit along McConnell Dr. in the area between Pine Knoll Dr. and Knoles Dr. This project was implemented in Partnership with NAIPTA.*

*A FTA grant for agency collaborations was recently awarded to NAIPTA and as a team we have identified the need to fund the next phase of Design Development for the McConnell Dr. Sidewalk & Multi-Modal Improvements as part of this grant's funding (approx. \$400K). The team is currently working on an IGA for the partnership of this next phase and will begin the DP selection process in December once the IGA is drafted. Further funding not currently identified will be needed to complete design and move this project into a construction document development phase.*

*ADOT is currently planning a partial sidewalk on the north side of McConnell, connecting from I-17 across their property (ends approximately at Pine Knoll). Separately, NAU has contracted directly with WLB Group to assess the feasibility of a sidewalk and road realignment to consider having a bus stop on the north side as well. NAIPTA has agreed to partner with NAU in this project. The MOU between NAU and NAIPTA, to share cost of the initial study, has been fully executed. The final concept was received by the University in late September and was reviewed with Administration in early October. The University has requested an additional proposal from WLB to provide two (2) perspective rendering to aid the University in fundraising efforts*

- 12. Skydome Lower Practice Field** Planning \$1,450,000 6/19  
*This project will replace existing lower grass practice field with artificial turf and add fencing around the field. The project will also include improvements for athletes and students crossing San Francisco St. to reach the practice fields.*

*An RFP was issued for turf contractors, and four proposals were received. They are under review, with a selection meeting to be held December 3<sup>rd</sup>. When a contractor is selected, design can commence.*