

Planning, Design, and Construction Capital Project Report

April 03, 2019

There are 157 projects that are actively managed by Planning, Design, and Construction (PD&C), from various stages, starting in early planning through project closeout.

Planning	33 projects
Funding	17 projects
Design	30 projects
Construction	18 projects
Closeout	38 projects
Holding Accounts	17 projects
On Hold	4 projects

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**JOSH
SPEAR**

09.0280.182 — Cline Library HVAC Capacity Increase



PROJECT SCOPE

Due to the open scheduling recently implemented at the University, the Auditorium located in the Cline Library cannot keep up with the heat load generated by multiple classes in the space. The original desing anticipated less use and now that the space is being used with classes back to back it cannot maintian the required temperature. The scope of this prject is to investigate and replace the existing cooling system with a system that can keep up with the current demand of the space.

TIMELINE

DP Selection	N/A
Contractor Selection	10/16/2017
Planning	
CPA Approved	
Programming	
Schematic Design	
100% Design Docs	
Construction Docs	
Construction	12/17/18
Substantial Completion	1/11/2019
Final Completion	2/20/2019

Procurement JOC

ABOR Project Type

KEY STAKEHOLDERS

Occupants	Students and Faculty
User Reps	Jill Marie Koelling Friedman
NAU PM	Joshua Spear
Design Professional	N/A
MEP Engineer	NA
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	joc
Contractor	McCarthy Building Company
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL	\$50,000
FUNDING SOURCES	
Provost	\$50,000
	\$0
	\$0
	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$47,000
Design	\$0
FF and E	\$0
PM Fee	\$3,827
Other Fees	\$0
Construction \$/GSF	\$19
Total Project \$/GSF	\$20

AREA DATA

GSF	2,500
ASF	2,500
Efficiency Ratio	100.00%

CHALLENGES

Current challenges for this project:

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*	
*	

08.0020.182 — Printing Services Parking Lot Internet Connectivity



PROJECT SCOPE

Bore/Trench from the N. side of Butler, south towards Credit Union, West to the ally between Beaver St. and Humphreys St. then South to the printing services parking lot, Install pull box, continue on with trench. Bore across DuPont into the Centennial Parking Lot and continue on into the tunnel system located under Wettaw. Install inner ducts inside conduits back to building 24 for connectivity.

TIMELINE

DP Selection	TBD
Contractor Selection	8/28/2018
Planning	11/27/2017
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement JOC

ABOR Project Type

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Paul Trujillo
NAU PM	Joshua Spear
Design Professional	N/A
MEP Engineer	N/A
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	N/A
Contractor	Eagle Mountain Construction
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL \$0

FUNDING SOURCES

	\$0
	\$0
	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$0
Design	\$0
FF and E	\$0
PM Fee	\$0
Other Fees	\$0
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- *
- *
- *

09.0660.181 — Health Professions AC



PROJECT SCOPE

The scope of this project is to add cooling to half of the third floor. This is due to sever heat in the facility durring the summer months. This heat is causing fainting of elderly people when they are at the summre clinics.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	11/27/2017
CPA Approved	9/12/2018
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	11/30/2018
Construction	12/15/18
Substantial Completion	5/15/2019
Final Completion	6/30/2019

Procurement JOC

ABOR Project Type

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Delores E Lindstedt
NAU PM	Joshua Spear
Design Professional	N/A
MEP Engineer	N/A
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	N/A
Contractor	Pueblo Mechanical
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL \$350,000

FUNDING SOURCES

3410060F25	\$80,200
34180120F25	\$65,201
3430080F25	\$149,599
C9000965	\$55,000

ESTIMATED BUDGET BREAKDOWN

Construction	\$317,203
Design	\$0
FF and E	\$0
PM Fee	\$32,797
Other Fees	\$0
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- *
- *
- *

09.0380.181 — Cowden Hall Renovations



PROJECT SCOPE

Project Scope: Renovate the mechanical systems in each hallway (3 in total) replace the HVAC system in the bathrooms, replace ceilings throughout the facility, and installation of a new code compliant Fire Alarm System. this work is needed to ensure a continuing facility for students. The current age of the existing mechanical room and ventilation equipment is 40+ years old

TIMELINE

DP Selection	2/6/2018
Contractor Selection	TBD
Planning	11/22/2017
CPA Approved	11/29/2017
Programming	N/A
Schematic Design	3/7/18
100% Design Docs	3/29/2018
Construction Docs	4/26/2018
Construction	5/14/18
Substantial Completion	8/10/2018
Final Completion	12/14/2018

Procurement	CMAR
ABOR Project Type	

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Residence Life
NAU PM	Joshua Spear
Design Professional	N/A
MEP Engineer	N/A
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	CMAR
Contractor	N/A
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL \$2,736,939

FUNDING SOURCES

Residence Life \$2,736,939

\$0

\$0

\$0

ESTIMATED BUDGET BREAKDOWN

Construction \$2,400,000

Design \$128,000

FF and E \$0

PM Fee \$97,000

Other Fees \$0

Construction \$/GSF N/A

Total Project \$/GSF N/A

AREA DATA

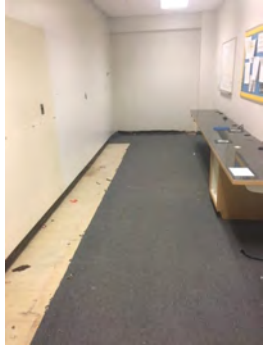
GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- * Schedule of completion
- *
- *

09.0660.182 — Comm Sciences & Disorders Rm 323 Renovation



PROJECT SCOPE

The scope of this project is to remove Asbestos flooring, add carpet, data and electrical for 6 additional computers and repainting the wall.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	1/10/18
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	12/17/18
Substantial Completion	1/11/2019
Final Completion	2/20/2019

Procurement PO

ABOR Project Type

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Elise Lindstedt
NAU PM	Joshua Spear
Design Professional	N/A
MEP Engineer	N/A
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	N/A
Contractor	In House
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL \$8,853

FUNDING SOURCES

Health Profession \$8,853

\$0

\$0

\$0

ESTIMATED BUDGET BREAKDOWN

Construction \$8,000

Design \$0

FF and E \$0

PM Fee \$853

Other Fees \$0

Construction \$/GSF \$13

Total Project \$/GSF \$15

AREA DATA

GSF	600
ASF	600
Efficiency Ratio	100.00%

CHALLENGES

Current challenges for this project:

- *
- *
- *

09.0620.181 — McConnell Hall FLS Renovation



PROJECT SCOPE

DP selected for this scope. This is the full replacement of the existing Fire Alarm System through the facility. This work is to happen over summer 2018 and a had bid process will be implemented.

TIMELINE

DP Selection	2/19/2018
Contractor Selection	TBD
Planning	12/19/17
CPA Approved	2/6/2018
Programming	N/A
Schematic Design	N/A
100% Design Docs	N/A
Construction Docs	3/29/2018
Construction	5/14/19
Substantial Completion	8/4/2019
Final Completion	10/10/2019

Procurement Hard Bid

ABOR Project Type

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Christopher Thrash
NAU PM	Joshua Spear
Design Professional	Fisher Engineering
MEP Engineer	N/A
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	N/A
Contractor	ECD Systems
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL \$386,562

FUNDING SOURCES

Residence Life \$386,562

\$0

\$0

\$0

ESTIMATED BUDGET BREAKDOWN

Construction \$322,300

Design \$14,000

FF and E \$0

PM Fee \$28,634

Other Fees \$21,628

Construction \$/GSF \$2

Total Project \$/GSF \$2

AREA DATA

GSF	160,132
ASF	0
Efficiency Ratio	0.00%

CHALLENGES

Current challenges for this project:

- *
- *
- *

09.0090.181 — Taylor Hall FLS Renovation



PROJECT SCOPE

The scope of this project is to replace the existing Fire Alarm System. This system does not require mandated requirements for the Fire Alarm and will be replaced with an NAU Campus standard design and installation.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	12/19/17
CPA Approved	TBD
Programming	N/A
Schematic Design	N/A
100% Design Docs	N/A
Construction Docs	3/30/2018
Construction	5/14/18
Substantial Completion	8/4/2018
Final Completion	10/10/2018

Procurement Hard Bid

ABOR Project Type

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Christopher Thrash
NAU PM	Joshua Spear
Design Professional	Stanley Consultants INC.
MEP Engineer	N/A
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	
Contractor	ECD Systems
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL \$236,137

FUNDING SOURCES

Residence Life	\$237,137
	\$0
	\$0
	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$209,352
Design	\$9,553
FF and E	\$0
PM Fee	\$18,232
Other Fees	\$0
Construction \$/GSF	\$7
Total Project \$/GSF	\$7

AREA DATA

GSF	31,603
ASF	0
Efficiency Ratio	0.00%

CHALLENGES

Current challenges for this project:

- *
- *
- *

09.0001.183 — MCDONALD HALL ROOF REPLACEMENT



PROJECT SCOPE

Roof is at year 27 of a 25 year warranty. Recent extreme wind events have contributed to accelerated degradation. Roof is now in need of replacement since there are two layers of the existing roof both will need to be removed in order to place a new roofing system on. We also anticipate a 15% decking replacement on the roof system due to its failure.

TIMELINE

DP Selection	2/19/2018
Contractor Selection	TBD
Planning	01/29/2018
CPA Approved	TBD
Programming	N/A
Schematic Design	N/A
100% Design Docs	N/A
Construction Docs	4/6/2018
Construction	5/14/18
Substantial Completion	1/11/2019
Final Completion	2/20/2019

Procurement Hard Bid

ABOR Project Type

KEY STAKEHOLDERS

Occupants	N/A
User Reps	CHRIS THRASH
NAU PM	Joshua Spear
Design Professional	Paul D. Bustamante Architect
MEP Engineer	N/A
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	
Contractor	Caruso Construction
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL	\$259,586
FUNDING SOURCES	
Res Life	\$259,586
	\$0
	\$0
	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$220,000
Design	\$0
FF and E	\$3,500
PM Fee	\$26,086
Other Fees	\$0
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- *
- *
- *

10.0020.181 — South Solar Field Repair and Monitoring



PROJECT SCOPE

South Solar Field Repair and Monitoring: After the tracking system failed, the solar panels were set to a fixed angle. Due to this angle the snow load has damaged the support structure. This project will repair the structure issues and add remote monitoring to the system. We got quotes from 2 vendors to create the project budget of \$34,800.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	3/30/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	5/15/18
Substantial Completion	10/30/2018
Final Completion	12/30/2018

Procurement	PO
ABOR Project Type	

BUDGET

TOTAL \$35,515

FUNDING SOURCES

PLANT 18 \$35,515

\$0

\$0

\$0

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Jon Heitzinger
NAU PM	Joshua Spear
Design Professional	N/A
MEP Engineer	N/A
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	
Contractor	AMERESCO
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

ESTIMATED BUDGET BREAKDOWN

Construction \$31,900

Design \$0

FF and E \$0

PM Fee \$7,615

Other Fees \$0

Construction \$/GSF N/A

Total Project \$/GSF N/A

AREA DATA

GSF	
ASF	43,560
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

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09.0500.181 — Campus Heights Replace Seven Exterior Staircases



PROJECT SCOPE

The scope of this project is to design and replace the existing stairs at Campus Heights due to structural failure over time. This project will identify 7 stairs to start with and replace the structures over summer 2019

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	3/19/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	1/10/2019
Construction	5/15/19
Substantial Completion	8/10/2019
Final Completion	10/10/2019

Procurement

ABOR Project Type Hard Bid

KEY STAKEHOLDERS

Occupants	Residence
User Reps	Eddy Bressler
NAU PM	Joshua Spear
Design Professional	Meyer Borgman & Johnson
MEP Engineer	N/A
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	
Contractor	N/A
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL \$310,000

FUNDING SOURCES

Residence Life	\$310,000
	\$0
	\$0
	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$274,885
Design	\$5,000
FF and E	\$3,000
PM Fee	\$27,115
Other Fees	\$0
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- *
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09.0240.182 — North Plant Blowdown Safety Renovations



PROJECT SCOPE

The North Plant sewer line is a 4 inch system that cannot keep up with the blowdown of the Boiler system which is required. The undersized line causes backups in the system and an unsafe condition for workers. This project will design and replace the sewer line to an appropriate size and drainage to keep up with the required blowdown of the system. we will also evaluate non-slip surfaces near the blowdown area to ensure safe working environments if a spill were to occur. This CPA is Design only and a follow up CPA will needed once budget is established.

TIMELINE

DP Selection	5/16/2018
Contractor Selection	TBD
Planning	5/22/18
CPA Approved	8/29/2018
Programming	9/30/18
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	11/30/2018
Construction	TBD
Substantial Completion	8/14/2019
Final Completion	10/30/2019

Procurement JOC

ABOR Project Type

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Jon Heitzinger
NAU PM	Joshua Spear
Design Professional	IMEG
MEP Engineer	N/A
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	N/A
Contractor	Eagle Mountain Construction
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL \$267,204

FUNDING SOURCES

Plant Fund 2018 \$267,204

	\$0
	\$0
	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$192,474
Design	\$50,000
FF and E	\$0
PM Fee	\$7,019
Other Fees	\$0
Construction \$/GSF	\$38
Total Project \$/GSF	\$53

AREA DATA

GSF	5,000
ASF	5,000
Efficiency Ratio	100.00%

CHALLENGES

Current challenges for this project:

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- *

09.0190.191 — Physical Sciences SES Replacement



PROJECT SCOPE

The SES system in multiple buildings are too old to buy replacement parts if they fail. This facility would be the last of the three combined buildings to receive the new SES leaving the Science complex up to date for Bldgs. 19,20, 21, and 21b

TIMELINE

DP Selection	7/10/2018
Contractor Selection	TBD
Planning	6/11/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	5/15/19
Substantial Completion	8/8/2019
Final Completion	9/20/2019

Procurement Hard Bid

ABOR Project Type

KEY STAKEHOLDERS

Occupants	N/A
User Reps	
NAU PM	Joshua Spear
Design Professional	Stanley Consultants INC.
MEP Engineer	N/A
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	
Contractor	TBD
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL \$150,000

FUNDING SOURCES

DM 2019 \$150,000

\$0

\$0

\$0

ESTIMATED BUDGET BREAKDOWN

Construction \$107,613

Design \$24,000

FF and E \$3,000

PM Fee \$15,384

Other Fees \$0

Construction \$/GSF \$215

Total Project \$/GSF \$300

AREA DATA

GSF	500
ASF	500
Efficiency Ratio	100.00%

CHALLENGES

Current challenges for this project:

- *
- *
- *

09.0002.193 — SBS Castro and SBS West Door Replacement



PROJECT SCOPE

Structure of openings at SBS West has been compromised and the current door hardware is no longer manufactured, making it difficult to fix older models with new. The existing framework for these entrances has been bracketed back together due to breaking apart and needs replacement. SBS Castro 6 North and South Entrances and stair well exits are needing replacement due to frames failing and outdated door hardware.

TIMELINE

DP Selection	TBD
Contractor Selection	7/10/2018
Planning	6/11/2018
CPA Approved	9/5/2018
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement

ABOR Project Type

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Mike Griffis
NAU PM	Joshua Spear
Design Professional	N/A
MEP Engineer	N/A
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	
Contractor	Core Construction
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL \$160,000

FUNDING SOURCES

DM 2019	\$0
	\$0
	\$0
	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$155,083
Design	\$0
FF and E	\$3,000
PM Fee	\$1,915
Other Fees	\$0
Construction \$/GSF	\$52
Total Project \$/GSF	\$53

AREA DATA

GSF	3,000
ASF	3,000
Efficiency Ratio	100.00%

CHALLENGES

Current challenges for this project:

- *
- *
- *

09.0260.192 — Adel PRV Maintenance



PROJECT SCOPE

The lines in Adel are original equipment and many iron mud deposits are present in the system, presenting difficult maintenance to mix old and new parts. A filtering system is preferred.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	6/11/2018
CPA Approved	8/21/2018
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	10/15/18
Substantial Completion	3/22/2019
Final Completion	4/26/2019

Procurement	JOC
ABOR Project Type	JOC

KEY STAKEHOLDERS

Occupants	N/A
User Reps	
NAU PM	Joshua Spear
Design Professional	N/A
MEP Engineer	na
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	JOC
Contractor	Summa Mechanical Contractors
Plumbing Sub	NA
Mechanical Sub	NA
Fire Protection Sub	NA
Electrical Sub	NA

BUDGET

TOTAL \$37,000

FUNDING SOURCES

DM 2018 \$37,000

\$0

\$0

\$0

ESTIMATED BUDGET BREAKDOWN

Construction \$30,800

Design \$0

FF and E \$0

PM Fee \$2,900

Other Fees \$3,300

Construction \$/GSF \$62

Total Project \$/GSF \$74

AREA DATA

GSF	500
ASF	500
Efficiency Ratio	100.00%

CHALLENGES

Current challenges for this project:

- * Getting CPA Approved in time for install before heating
- *
- *

09.0001.191 — PFA West Side Roof/Soffit Replacement



PROJECT SCOPE

The exterior roof on the west side of PFA is aging and the green metal soffit is falling apart. NAU will repair the metal portion of the structure and an outside vendor will replace the roofing with a fully applied single ply system.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	6/11/2018
CPA Approved	9/5/2018
Programming	N/A
Schematic Design	N/A
100% Design Docs	N/A
Construction Docs	N/A
Construction	3/25/19
Substantial Completion	5/15/2019
Final Completion	6/30/2019

Procurement	PO
ABOR Project Type	

KEY STAKEHOLDERS

Occupants	N/A
User Reps	
NAU PM	Joshua Spear
Design Professional	N/A
MEP Engineer	N/A
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	
Contractor	In House
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL	\$40,117
FUNDING SOURCES	
DM 2019	\$40,117

	\$0
	\$0
	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$36,800
Design	\$0
FF and E	\$1,600
PM Fee	\$1,717
Other Fees	\$0
Construction \$/GSF	\$123
Total Project \$/GSF	\$134

AREA DATA

GSF	300
ASF	300
Efficiency Ratio	100.00%

CHALLENGES

Current challenges for this project:

- *
- *
- *

09.0004.191 — Clifford White Sprinkler Head Replacement



PROJECT SCOPE

The existing 350 sprinkler heads are outdated by 60 years (50 year limit) and need to be replaced.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	6/11/2018
CPA Approved	9/5/2018
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	12/17/18
Substantial Completion	1/11/2019
Final Completion	2/11/2019

Procurement	
ABOR Project Type	PO

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Jeff Young
NAU PM	Joshua Spear
Design Professional	N/A
MEP Engineer	N/A
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	
Contractor	Arizona Verde Fire Protection
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL	\$25,000
FUNDING SOURCES	
DM 2019	\$25,000

ESTIMATED BUDGET BREAKDOWN

Construction	\$0
Design	\$0
FF and E	\$0
PM Fee	\$0
Other Fees	\$0
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- *
- *
- *

09.0371.162 — Recital Hall



PROJECT SCOPE

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. This scope of this work will include the relocation of the existing Instrument Rehearsal room to a second floor construction over the existing Choral room.

TIMELINE

DP Selection	4/15/2016
Contractor Selection	1/3/2017
Planning	1/3/2017
CPA Approved	6/21/2017
Programming	4/25/2016
Schematic Design	12/2/2017
100% Design Docs	3/24/2017
Construction Docs	8/25/2017
Construction	6/22/2017
Substantial Completion	12/21/2018
Final Completion	2/20/2019

Procurement CMAR

ABOR Project Type

KEY STAKEHOLDERS

Occupants	CAL Students/ Faculty
User Reps	Todd Sullivan, Calvin Lagassi
NAU PM	Joshua Spear
Design Professional	RSP Architects Ltd
MEP Engineer	Henderson
Landscape Architect	RSP Architects Ltd
Structural Engineer	Meyer, Borgman & Johnson
Delivery Method	CMAR
Contractor	Core Construction
Plumbing Sub	RKS
Mechanical Sub	IMCOR
Fire Protection Sub	TBD
Electrical Sub	Shaum Electric

BUDGET

TOTAL \$15,000,000

FUNDING SOURCES

Provost	\$50,000
VP Finance	\$50,000
Bonds	\$9,150,000
Gifts	\$5,750,000

ESTIMATED BUDGET BREAKDOWN

Construction	\$12,452,911
Design	\$1,656,781
FF and E	\$127,000
PM Fee	\$436,843
Other Fees	\$763,308
Construction \$/GSF	\$467
Total Project \$/GSF	\$562

AREA DATA

GSF	26,675
ASF	17,560
Efficiency Ratio	65.83%

CHALLENGES

Current challenges for this project:

- * Permitting 100% CD Design Set
- * N/A
- * N/A

09.0610.173 — LRC Create Engineering Classrooms and Offices



PROJECT SCOPE

Design only at this time. This project will convert the majority of Building 61 into new classrooms and offices to serve the School of Engineering. The three new classrooms will serve 40, 25 and 55 students and one new computer lab will serve 40. There will be collaborative study areas, open offices, a large conference room and seven offices of various sizes. This project is in the conceptual stage and final configuration is yet to be determined. The renovated space is about 12,000 GSF and 10,806 ASF.

TIMELINE

DP Selection	4/21/2017
Contractor Selection	4/21/2017
Planning	4/1/2017
CPA Approved	12/21/2017
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement	JOC
ABOR Project Type	CAS

BUDGET

TOTAL \$89,000

KEY STAKEHOLDERS

Occupants	Engineering
User Reps	Tom Hoisch
NAU PM	Joshua Spear
Design Professional	Architekton
MEP Engineer	GLHN
Landscape Architect	Not Applicable
Structural Engineer	N/A
Delivery Method	JOC
Contractor	Loven Contracting Inc.
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

FUNDING SOURCES

TBD-CPA not app

ESTIMATED BUDGET BREAKDOWN

Construction	\$2,750
Design	\$78,375
FF and E	\$0
PM Fee	\$6,593
Other Fees	\$1,282
Construction \$/GSF	\$0
Total Project \$/GSF	\$7

AREA DATA

GSF	12,000
ASF	10,806
Efficiency Ratio	90.05%

CHALLENGES

Current challenges for this project:

- * CPA is for design only
- * Construction schedule delay for funding
- * N/A

09.0004.178 — Gabaldon Hall Fire Alarm Repairs



PROJECT SCOPE

The scope of this project is to add a new addressable Fire Alarm System with Voice Evacuation and in room Speaker Strobes, Addressable Smoke detection and 520Hz Sounder Bases to meet current Code requirements.

TIMELINE

DP Selection	5/23/2017
Contractor Selection	TBD
Planning	3/6/2017
CPA Approved	4/12/2017
Programming	N/A
Schematic Design	N/A
100% Design Docs	N/A
Construction Docs	7/7/2017
Construction	5/14/18
Substantial Completion	8/4/2018
Final Completion	10/10/2018

Procurement	JOC
ABOR Project Type	Capital Renewal - Auxiliary

KEY STAKEHOLDERS

Occupants	Residence Life
User Reps	Chris Thrash
NAU PM	Joshua Spear
Design Professional	Fisher Engineering
MEP Engineer	N/A
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	JOC
Contractor	Copperstate
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	TBD
Electrical Sub	N/A

BUDGET

TOTAL	\$495,540
FUNDING SOURCES	
Housing & Res Li	\$495,540

ESTIMATED BUDGET BREAKDOWN

Construction	\$372,478
Design	\$3,725
FF and E	\$0
PM Fee	\$11,383
Other Fees	\$14,603
Construction \$/GSF	\$3
Total Project \$/GSF	\$4

AREA DATA

GSF	120,000
ASF	85,000
Efficiency Ratio	70.83%

CHALLENGES

- Current challenges for this project:**
- * Pending Hard Bid for Contractor Selection
 - * N/A
 - * N/A

09.0370.171 — PFA/ Ardrey Electrical Gear Replacement



PROJECT SCOPE

This \$200,000 project of 300 GSF is a Deferred Maintenance project assigned to replace two existing SES (Service Entrance Section) and the MCC (Mechanical Control Center) for building 37 and 37A. The need for this work is driven by the existing equipment is past its effective life span 40+ years of service and there are no longer any manufacturers that fabricate spare parts for this equipment. If this equipment fails we would not be able to repair in a timely manner.

TIMELINE

DP Selection	10/18/2016
Contractor Selection	7/4/2017
Planning	10/1/2016
CPA Approved	10/19/2017
Programming	N/A
Schematic Design	N/A
100% Design Docs	6/19/2017
Construction Docs	7/24/2017
Construction	12/1/2017
Substantial Completion	12/20/2018
Final Completion	11/30/2019

Procurement	JOC
ABOR Project Type	CAS

KEY STAKEHOLDERS

Occupants	Students/ Faculty
User Reps	Jennifer Saunders
NAU PM	Joshua Spear
Design Professional	Henderson Engineers
MEP Engineer	Henderson Engineers
Landscape Architect	Not Applicable
Structural Engineer	N/A
Delivery Method	JOC
Contractor	NJ Shaum & Son Inc.
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL \$300,660

FUNDING SOURCES

DM 2017 Local \$300,660

AREA DATA

GSF	300
ASF	0
Efficiency Ratio	0.00%

CHALLENGES

Current challenges for this project:

- * Electrical shutdown for building
- * N/A
- * N/A

ESTIMATED BUDGET BREAKDOWN

Construction	\$148,000
Design	\$49,000
FF and E	\$0
PM Fee	\$0
Other Fees	\$3,000
Construction \$/GSF	\$493
Total Project \$/GSF	\$1,002

09.0001.181 — Facility Services Roof Repair



PROJECT SCOPE

The scope of this project is to repair the failing metal roofing system at Facility Services. Failures occur due to expansion in hot days. The entire roof is metal and not properly secured. This project will add a roofing coating that will have a 20 year NDL warranty to ensure proper sealing of the roofing system.

TIMELINE

DP Selection	N/A
Contractor Selection	7/25/2017
Planning	7/6/2017
CPA Approved	TBD
Programming	N/A
Schematic Design	N/A
100% Design Docs	N/A
Construction Docs	TBD
Construction	5/14/18
Substantial Completion	11/15/2018
Final Completion	12/30/2018

Procurement	JOC
ABOR Project Type	CMM

KEY STAKEHOLDERS

Occupants	Facility Services
User Reps	Dan Okoli
NAU PM	Joshua Spear
Design Professional	N/A
MEP Engineer	N/A
Landscape Architect	
Structural Engineer	N/A
Delivery Method	JOC
Contractor	Loven Contracting Inc.
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL \$631,701

FUNDING SOURCES

Roofing Priorites \$631,701

\$0

\$0

\$0

ESTIMATED BUDGET BREAKDOWN

Construction \$0

Design \$0

FF and E \$0

PM Fee \$0

Other Fees \$0

Construction \$/GSF N/A

Total Project \$/GSF N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- * Need decision from Central on if this is moving forward
- * Need funding
- * N/A

10.0010.175 — Verizon Campus-wide Fiber and Antennae



PROJECT SCOPE

The scope of this project is to trench to 9 separate locations throughout campus to install equipment on campus to boost the signal and availability of service to NAU students and faculty. This work will impact several areas in campus and needs to be coordinated with IT and Purchasing as the contractor being used is Verizon contractor.

TIMELINE

DP Selection	N/A
Contractor Selection	N/A
Planning	N/A
CPA Approved	N/A
Programming	N/A
Schematic Design	N/A
100% Design Docs	N/A
Construction Docs	7/21/2017
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement TBD

ABOR Project Type

KEY STAKEHOLDERS

Occupants	Campus
User Reps	Paul Trujillo Dan Okoli
NAU PM	Joshua Spear
Design Professional	Verizon
MEP Engineer	N/A
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	
Contractor	Eagle Mountain Construction
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL \$1,260,000

FUNDING SOURCES

Verizon \$1,260,000

ESTIMATED BUDGET BREAKDOWN

Construction	\$1,149,882
Design	\$0
FF and E	\$0
PM Fee	\$110,118
Other Fees	\$0
Construction \$/GSF	\$230
Total Project \$/GSF	\$252

AREA DATA

GSF	5,000
ASF	0
Efficiency Ratio	0.00%

CHALLENGES

Current challenges for this project:

- * N/A
- * N/A
- * N/A

09.0031.171 — Prochnow Renovation



PROJECT SCOPE

The scope of this project is currently design only to evaluate what it will take to bring the Prochnow Auditorium up to code compliance with a potential orchestra pit, green room, and second floor renovation and modernization of the space. This project is being evaluated for a full remodel in early September. We will revise scope as needed based on that meeting.

TIMELINE

DP Selection	6/17/2017
Contractor Selection	TBD
Planning	4/11/2017
CPA Approved	9/7/2017
Programming	11/15/17
Schematic Design	12/15/17
100% Design Docs	11/15/2018
Construction Docs	11/15/2018
Construction	3/1/19
Substantial Completion	5/15/2019
Final Completion	6/30/2019

Procurement	Hard bid
ABOR Project Type	CAX

KEY STAKEHOLDERS

Occupants	All Campus
User Reps	TC Eberly
NAU PM	Joshua Spear
Design Professional	Lightvox Studio
MEP Engineer	N/A
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	BID
Contractor	TBD
Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD
Electrical Sub	TBD

BUDGET

TOTAL \$45,000

FUNDING SOURCES

Union Operations	\$45,000
	\$0
	\$0
	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$0
Design	\$29,700
FF and E	\$0
PM Fee	\$3,333
Other Fees	\$11,967
Construction \$/GSF	\$0
Total Project \$/GSF	\$9

AREA DATA

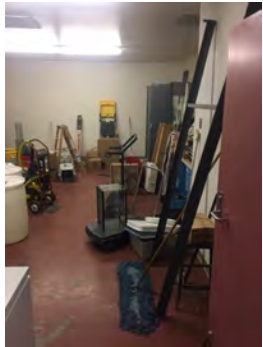
GSF	5,000
ASF	5,000
Efficiency Ratio	100.00%

CHALLENGES

Current challenges for this project:

- * Determining project feasibility and cost
- * N/A
- * N/A

09.0212.171 — Bio-Science Annex Renovation for Fish Tanks



PROJECT SCOPE

The scope of this project is to install systems to support 150 to 200 fish tanks for the Bio-Science complex for research of Alaskan salmon. This design requires the space to be cooled to 62 degrees Fahrenheit for the research. Other scope items included are additional power, FPR on all walls, and unistrut every 16 inches throughout the space.

TIMELINE

DP Selection	N/A
Contractor Selection	5/11/2017
Planning	10/11/2016
CPA Approved	4/13/2017
Programming	N/A
Schematic Design	N/A
100% Design Docs	TBD
Construction Docs	6/1/2017
Construction	5/5/2018
Substantial Completion	6/30/2018
Final Completion	7/2/2018

Procurement	JOC
ABOR Project Type	CAS

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Scott Nichols
NAU PM	Joshua Spear
Design Professional	GLHN Architects & Engineers
MEP Engineer	GLHN Architects & Engineers
Landscape Architect	
Structural Engineer	N/A
Delivery Method	JOC
Contractor	Loven Contracting Inc.
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL \$207,820

FUNDING SOURCES

TRIF \$207,820

\$0

\$0

\$0

ESTIMATED BUDGET BREAKDOWN

Construction \$170,000

Design \$0

FF and E \$0

PM Fee \$13,175

Other Fees \$3,241

Construction \$/GSF \$324

Total Project \$/GSF \$396

AREA DATA

GSF	525
ASF	525
Efficiency Ratio	100.00%

CHALLENGES

Current challenges for this project:

- * Contractor staff changes
- * Cost too high with current design
- * N/A

08.0030.177 — Site Improvement at West Side of Knoles and PFA



PROJECT SCOPE

The scope of this project is to enhance the pedestrian experience by expanding the connection through the new West University Union plaza to P13 behind Ardrey (between PFA and Cline). This work will involve concrete and landscaping efforts to bring the Campus Landscape Master plan into the space. This project will also modify the bus stop on the west side of Knoles, near the new Recital Hall.

TIMELINE

DP Selection	7/11/2017
Contractor Selection	7/11/2017
Planning	6/13/2017
CPA Approved	6/20/2017
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	3/2/2018
Construction	5/15/2018
Substantial Completion	8/10/2018
Final Completion	10/30/2018

Procurement	JOC
ABOR Project Type	CIN

KEY STAKEHOLDERS

Occupants	Students
User Reps	Dan Okoli
NAU PM	Joshua Spear
Design Professional	Peak Engineering
MEP Engineer	N/A
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	JOC
Contractor	Core Construction
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL \$400,000

FUNDING SOURCES

University Infrastr	\$400,000
	\$0
	\$0
	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$343,334
Design	\$37,767
FF and E	\$0
PM Fee	\$11,650
Other Fees	\$7,249
Construction \$/GSF	\$17
Total Project \$/GSF	\$20

AREA DATA

GSF	20,000
ASF	0
Efficiency Ratio	0.00%

CHALLENGES

Current challenges for this project:

- * Student safety while construction is underway
- * N/A
- * N/a

10.0010.164 — Campus Gas Regulator Replacement



PROJECT SCOPE

The scope of this project is to replace all main regulators for the gas system on campus in order to comply with ACC (Arizona Corporation Commission) requirements. This was a new requirement for the university and must be completed in order to meet new regulatory demands.

TIMELINE

DP Selection	10/9/2015
Contractor Selection	10/20/2015
Planning	N/A
CPA Approved	6/14/2016
Programming	N/A
Schematic Design	N/A
100% Design Docs	N/A
Construction Docs	5/25/2016
Construction	6/1/2016
Substantial Completion	5/25/2018
Final Completion	8/6/2018

Procurement	JOC
ABOR Project Type	CMM

KEY STAKEHOLDERS

Occupants	All Campus
User Reps	Jon Heitzinger
NAU PM	Joshua Spear
Design Professional	Taylor Rymar
MEP Engineer	Taylor Rymar
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	JOC
Contractor	Summa Mechanical Contractors
Plumbing Sub	N/A
Mechanical Sub	Summa Mechanical
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL \$201,657

FUNDING SOURCES

Plant Fund 16/17/ \$201,657

ESTIMATED BUDGET BREAKDOWN

Construction	\$156,683
Design	\$18,500
FF and E	\$8,970
PM Fee	\$5,558
Other Fees	\$1,131
Construction \$/GSF	\$3,134
Total Project \$/GSF	\$4,033

AREA DATA

GSF	50
ASF	0
Efficiency Ratio	0.00%

CHALLENGES

Current challenges for this project:

- * N/A
- * N/A
- * N/A

08.0040.171 — Annual Lighting 2017



PROJECT SCOPE

Annual holding account for campus-wide lighting for fiscal year 2017. This pot of money replaces any damaged light pole or fixtures across campus as identified throughout the year.

TIMELINE

DP Selection	N/A
Contractor Selection	N/A
Planning	7/1/2016
CPA Approved	10/26/2016
Programming	N/A
Schematic Design	N/A
100% Design Docs	N/A
Construction Docs	N/A
Construction	7/1/17
Substantial Completion	9/1/2019
Final Completion	12/1/2019

Procurement	PO
ABOR Project Type	CMM

KEY STAKEHOLDERS

Occupants	Campus-wide
User Reps	Dan Good
NAU PM	Joshua Spear
Design Professional	N/A
MEP Engineer	N/A
Landscape Architect	
Structural Engineer	N/A
Delivery Method	PO
Contractor	N/A
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL	\$25,000
FUNDING SOURCES	
Admin OH	\$25,000

ESTIMATED BUDGET BREAKDOWN

Construction	\$22,594
Design	\$0
FF and E	\$0
PM Fee	\$2,273
Other Fees	\$133
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- * N/A
- * N/A
- * N/A

09.0420.181 — Sechrist Elevator Cooling



PROJECT SCOPE

The scope of this project is to replace the failed HVAC system cooling the elevator machine room. This equipment is needed to maintain safe working environment for the elevator equipment. We will replace the existing system with a long term cooling solution

TIMELINE

DP Selection	TBD
Contractor Selection	10/24/2017
Planning	10/19/17
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	3/16/2018
Construction	6/15/18
Substantial Completion	8/4/2018
Final Completion	10/10/2018

Procurement	JOC
ABOR Project Type	

KEY STAKEHOLDERS

Occupants	Students
User Reps	Chris Thrash
NAU PM	Joshua Spear
Design Professional	N/A
MEP Engineer	NA
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	joc
Contractor	McCarthy Building Company
Plumbing Sub	NA
Mechanical Sub	NA
Fire Protection Sub	NA
Electrical Sub	NA

BUDGET

TOTAL \$20,085

FUNDING SOURCES

Residence Life	\$20,085
	\$0
	\$0
	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$16,500
Design	\$0
FF and E	\$0
PM Fee	\$1,488
Other Fees	\$2,097
Construction \$/GSF	\$83
Total Project \$/GSF	\$100

AREA DATA

GSF	200
ASF	200
Efficiency Ratio	100.00%

CHALLENGES

Current challenges for this project:

- *
- *
- *

09.0004.185 — 2018 AED Holding Account



PROJECT SCOPE

This is a holding account to fund the annual maintenance of AEDs. The NAU Automatic Electronic Defibrillator Program currently consist of 148 AED's deployed throughout the Mountain campus and 10 AED's spread out to the extend campuses. The devices are broken down in to yearly maintenance of 27 units in a four year cycle. 13K remaining.

TIMELINE

DP Selection	N/A
Contractor Selection	N/A
Planning	8/8/2017
CPA Approved	9/7/2017
Programming	N/A
Schematic Design	N/A
100% Design Docs	N/A
Construction Docs	N/A
Construction	N/A
Substantial Completion	N/A
Final Completion	N/A

Procurement	PO
ABOR Project Type	CLS

KEY STAKEHOLDERS

Occupants	All Campus
User Reps	Frank Espinoza
NAU PM	Joshua Spear
Design Professional	N/A
MEP Engineer	N/A
Landscape Architect	
Structural Engineer	N/A
Delivery Method	PO
Contractor	N/A
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL	\$25,000
FUNDING SOURCES	
University Central	\$25,000

ESTIMATED BUDGET BREAKDOWN

Construction	\$0
Design	\$0
FF and E	\$23,148
PM Fee	\$1,852
Other Fees	
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- * N/A
- * N/A
- * N/A

08.0040.181 — Annual Lighting Holding Account 2018



PROJECT SCOPE

This is a holding account for 2018 to address campus-wide exterior lighting issues. Typical projects include light poles, bollards, and wall packs. All exterior lighting replacement in accordance with dark sky requirements. Exact scope is still to be determined

TIMELINE

DP Selection	N/A
Contractor Selection	N/A
Planning	7/1/2017
CPA Approved	8/29/2017
Programming	N/A
Schematic Design	N/A
100% Design Docs	N/A
Construction Docs	N/A
Construction	N/A
Substantial Completion	N/A
Final Completion	12/1/2019

Procurement	PO
ABOR Project Type	CMM

KEY STAKEHOLDERS

Occupants	Campus-wide
User Reps	Dan Good
NAU PM	Joshua Spear
Design Professional	N/A
MEP Engineer	N/A
Landscape Architect	
Structural Engineer	N/A
Delivery Method	PO
Contractor	TBD
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL \$25,000

FUNDING SOURCES

Admin OH \$25,000

ESTIMATED BUDGET BREAKDOWN

Construction	\$23,012
Design	\$0
FF and E	\$0
PM Fee	\$1,852
Other Fees	\$136
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- * N/A
- * N/A
- * N/A

10.0010.191 — Energy Cap Upgrade

PROJECT SCOPE

This project is to upgrade the existing NAU Utility billing System to accept 15 minute intervals and to modify the new billing process.



TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	6/11/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement

ABOR Project Type

KEY STAKEHOLDERS

Occupants	N/A
User Reps	
NAU PM	Joshua Spear
Design Professional	TBD
MEP Engineer	TBD
Landscape Architect	TBD
Structural Engineer	TBD
Delivery Method	TBD
Contractor	TBD
Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD
Electrical Sub	TBD

BUDGET

TOTAL \$0

FUNDING SOURCES

	\$0
	\$0
	\$0
	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$0
Design	\$0
FF and E	\$0
PM Fee	\$0
Other Fees	\$0
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

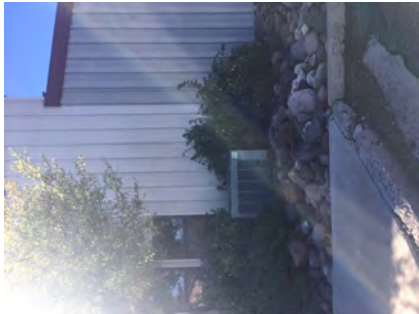
GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- *
- *
- *

09.0830.192 — KNAU Air Conditioner Replacement



PROJECT SCOPE

Replace failed /outdated air conditioner in Building 83.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	09/18/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	3/18/19
Substantial Completion	3/30/2019
Final Completion	4/21/2019

Procurement

ABOR Project Type PO

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Pat Fahey
NAU PM	Joshua Spear
Design Professional	N/A
MEP Engineer	N/A
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	PO
Contractor	McCarthy Building Company
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL \$25,000

FUNDING SOURCES

DM2019 \$25,000

\$0

\$0

\$0

ESTIMATED BUDGET BREAKDOWN

Construction \$23,000

Design \$0

FF and E \$0

PM Fee \$0

Other Fees \$2,000

Construction \$/GSF \$2

Total Project \$/GSF \$3

AREA DATA

GSF	10,000
ASF	10,000
Efficiency Ratio	100.00%

CHALLENGES

Current challenges for this project:

- *
- *
- *

09.0660.191 — Health Professions Room 329A Lab Conversion

PROJECT SCOPE

Enlarge and reconfigure current Voice lab into a Voice & Swallow clinical and instructional lab.



TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	9/25/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	3/18/19
Substantial Completion	4/20/2019
Final Completion	5/5/2019

Procurement joc

ABOR Project Type

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Elise Lindstedt
NAU PM	Joshua Spear
Design Professional	N/A
MEP Engineer	N/A
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	JOC
Contractor	Wespac Construction Inc.
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL \$65,687

FUNDING SOURCES

\$65,687

\$0

\$0

\$0

ESTIMATED BUDGET BREAKDOWN

Construction \$0

Design \$0

FF and E \$0

PM Fee \$0

Other Fees \$0

Construction \$/GSF \$0

Total Project \$/GSF \$219

AREA DATA

GSF	300
ASF	300
Efficiency Ratio	100.00%

CHALLENGES

Current challenges for this project:

- *
- *
- *

09.0371.191 — Recital Hall Donor Recognition Signage

PROJECT SCOPE

Add signage associated with donors that funded the new Recital Hall Expansion.



TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	10/01/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	1/14/19
Substantial Completion	1/18/2019
Final Completion	TBD

Procurement	PO
ABOR Project Type	

BUDGET

TOTAL \$35,000

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Tracy Kile Schwartz
NAU PM	Joshua Spear
Design Professional	N/A
MEP Engineer	N/A
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	PO
Contractor	In House
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

FUNDING SOURCES

	\$35,000
	\$0
	\$0
	\$0

AREA DATA

GSF	200
ASF	200
Efficiency Ratio	100.00%

CHALLENGES

Current challenges for this project:

- *
- *
- *

ESTIMATED BUDGET BREAKDOWN

Construction	\$25,000
Design	\$0
FF and E	\$2,500
PM Fee	\$7,500
Other Fees	\$0
Construction \$/GSF	\$125
Total Project \$/GSF	\$175

08.0020.193 — San Francisco Bus Pull Outs



PROJECT SCOPE

Evaluate cost of Design and Construction to install two new bus pull outs along San Francisco St. just north of Pine Knoll Dr.. These locations are currently being utilized as temporary bus pick-up and drop-off locations.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	11/01/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement	ARQ
ABOR Project Type	

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Erin Stam
NAU PM	Joshua Spear
Design Professional	TBD
MEP Engineer	TBD
Landscape Architect	TBD
Structural Engineer	TBD
Delivery Method	TBD
Contractor	TBD
Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD
Electrical Sub	TBD

BUDGET

TOTAL \$0

FUNDING SOURCES

	\$0
	\$0
	\$0
	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$0
Design	\$0
FF and E	\$0
PM Fee	\$0
Other Fees	\$0
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- *
- *
- *

09.0731.191 — Student Athlete High Performance Center



PROJECT SCOPE

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
- Strength and Conditioning
- Sports Medicine Facilities

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	11/13/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement

ABOR Project Type

KEY STAKEHOLDERS

Occupants	N/A
User Reps	
NAU PM	Joshua Spear
Design Professional	TBD
MEP Engineer	TBD
Landscape Architect	TBD
Structural Engineer	TBD
Delivery Method	TBD
Contractor	TBD
Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD
Electrical Sub	TBD

BUDGET

TOTAL \$0

FUNDING SOURCES

	\$0
	\$0
	\$0
	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$0
Design	\$0
FF and E	\$0
PM Fee	\$0
Other Fees	\$0
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- * DP Selection
- * CMAR Selection
- * ABOR Approval

09.0550.191 — Mountain View Ceiling Fans



PROJECT SCOPE

Remove 2x4 light fixtures from all residential rooms. Replace with lighted, low-profile ceiling fans with wireless controls.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	12/10/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement JOC

ABOR Project Type

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Christopher Thrash
NAU PM	Joshua Spear
Design Professional	NA
MEP Engineer	N/A
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	JOC
Contractor	Delta Diversified
Plumbing Sub	Delta Diversified
Mechanical Sub	Delta Diversified
Fire Protection Sub	Delta Diversified
Electrical Sub	Delta Diversified

BUDGET

TOTAL \$0

FUNDING SOURCES

	\$0
	\$0
	\$0
	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$0
Design	\$0
FF and E	\$0
PM Fee	\$0
Other Fees	\$0
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- *
- *
- *

09.0004.195 — Morton, North, and Campbell Hall FLS Upgrades



PROJECT SCOPE

Upgrade fire life safety systems in Morton, North, and Campbell to meet current code and campus tech standards.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	12 11 2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement Hard Bid

ABOR Project Type

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Christopher Thrash
NAU PM	Joshua Spear
Design Professional	Stanley Consultants INC.
MEP Engineer	N/A
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	Hard Bid
Contractor	TBD
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL \$0

FUNDING SOURCES

	\$0
	\$0
	\$0
	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$0
Design	\$0
FF and E	\$0
PM Fee	\$0
Other Fees	\$0
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- *
- *
- *

09.0001.182 — FY18 Roofing Priorities



PROJECT SCOPE

FY18 Roofing Priorities: This is a holding account to deal with minor issues around campus, There have been a few expenditures such as sky light replacments and Chemistry shingle repair.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	11/15/2017
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement

ABOR Project Type Holding

KEY STAKEHOLDERS

Occupants	Campus-Wide
User Reps	Dan Okoli
NAU PM	Joshua Spear
Design Professional	TBD
MEP Engineer	N/A
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	N/A
Contractor	TBD
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL \$673,979

FUNDING SOURCES

	\$0
	\$0
	\$0
	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$0
Design	\$0
FF and E	\$0
PM Fee	\$0
Other Fees	\$0
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- *
- *
- *

09.0450.191 — Wilson Hall Systems Renovation



PROJECT SCOPE

Major renovations to Wilson Hall constructed in 1965. Building will be brought up-to-date with current Fire Life Safety standards.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	12/14/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement	joc
ABOR Project Type	

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Christopher Thrash
NAU PM	Joshua Spear
Design Professional	TBD
MEP Engineer	N/A
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	JOC
Contractor	Core Construction
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL \$0

FUNDING SOURCES

ESTIMATED BUDGET BREAKDOWN

Construction	\$0
Design	\$0
FF and E	\$0
PM Fee	\$0
Other Fees	\$0
Construction \$/GSF	\$0
Total Project \$/GSF	\$0

AREA DATA

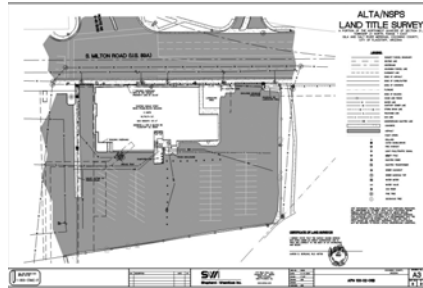
GSF	35,000
ASF	35,000
Efficiency Ratio	100.00%

CHALLENGES

Current challenges for this project:

- *
- *
- *

09.0940.191 — Renovation of Milton Property Spear



PROJECT SCOPE

NAU recently acquired new property on Milton, formerly known as the Super Pawn and Mandarin Buffet. This project is the renovation of the space so NAU can occupy.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	12/20/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement

ABOR Project Type

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Dan Okoli
NAU PM	Joshua Spear
Design Professional	TBD
MEP Engineer	TBD
Landscape Architect	TBD
Structural Engineer	TBD
Delivery Method	TBD
Contractor	TBD
Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD
Electrical Sub	TBD

BUDGET

TOTAL \$0

FUNDING SOURCES

	\$0
	\$0
	\$0
	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$0
Design	\$0
FF and E	\$0
PM Fee	\$0
Other Fees	\$0
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

*	
*	
*	

**DAN
HORTON**

12.0010.181 — YUMA NURSING LABS



PROJECT SCOPE

Renovation of 2 classroom spaces at NAU Yuma to accommodate move of nursing lab from Yuma Regional Medical Center (YRMC) to NAU Yuma.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	1/23/17
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	3/22/2019
Final Completion	4/26/2019

Procurement	JOC
ABOR Project Type	PO

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Nicole Harris
NAU PM	Daniel Horton
Design Professional	TBD
MEP Engineer	N/A
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	
Contractor	Core Construction
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL \$228,000

FUNDING SOURCES

Nursing \$228,000

\$0

\$0

\$0

ESTIMATED BUDGET BREAKDOWN

Construction \$209,760

Design \$0

FF and E \$0

PM Fee \$18,240

Other Fees \$0

Construction \$/GSF N/A

Total Project \$/GSF N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- *
- *
- *

10.0080.181 — Gas Line Abandonments and Correction



PROJECT SCOPE

Gas Line Abandonments and Corrections: There is a code requirement to cut and cap at the main line within 3 years of when a gas service is removed from a building. This needs to be done at Gateway, Liberal Arts, HRM East, Health Professions, and Physical Sciences. Additionally, there are cathodic protection issues at the south master meter and 1899.

TIMELINE

DP Selection	N/A
Contractor Selection	4/17/2018
Planning	3/30/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	10/30/2018
Substantial Completion	12/28/2018
Final Completion	1/25/2019

Procurement	JOC
ABOR Project Type	PO

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Jon Heitzinger
NAU PM	Daniel Horton
Design Professional	NA
MEP Engineer	N/A
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	
Contractor	Summa Mechanical Contractors
Plumbing Sub	NA
Mechanical Sub	NA
Fire Protection Sub	NA
Electrical Sub	NA

BUDGET

TOTAL \$150,000

FUNDING SOURCES

Plant Fund 2018 \$150,000

\$0

\$0

\$0

ESTIMATED BUDGET BREAKDOWN

Construction \$120,000

Design \$0

FF and E \$0

PM Fee \$11,000

Other Fees \$19,000

Construction \$/GSF N/A

Total Project \$/GSF N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

* Aesthetics for the North Quad

*

*

10.0060.191 — Isolation Valves Installation HTHW South Loop

PROJECT SCOPE

Install isolation valves in the HTHW distribution loop. Currently on hold until 2019.



TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	6/11/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	
Final Completion	TBD

Procurement	TBD
ABOR Project Type	TBD

KEY STAKEHOLDERS

Occupants	N/A
User Reps	
NAU PM	Daniel Horton
Design Professional	TBD
MEP Engineer	TBD
Landscape Architect	TBD
Structural Engineer	TBD
Delivery Method	TBD
Contractor	TBD
Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD
Electrical Sub	TBD

BUDGET

TOTAL \$136,500

FUNDING SOURCES

Plant Fund 2019 \$136,500

\$0

\$0

\$0

ESTIMATED BUDGET BREAKDOWN

Construction \$0

Design \$0

FF and E \$0

PM Fee \$0

Other Fees \$0

Construction \$/GSF N/A

Total Project \$/GSF N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- *
- *
- *

11.0020.191 — Storm Water Study



PROJECT SCOPE

NAU Campus analysis of existing Storm Drains, routing and systems. Currently on hold until 2019.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	6/11/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement	TBD
ABOR Project Type	TBD

KEY STAKEHOLDERS

Occupants	N/A
User Reps	
NAU PM	Daniel Horton
Design Professional	TBD
MEP Engineer	TBD
Landscape Architect	TBD
Structural Engineer	TBD
Delivery Method	TBD
Contractor	TBD
Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD
Electrical Sub	TBD

BUDGET

TOTAL \$120,000

FUNDING SOURCES

Plant Fund 2019 \$120,000

\$0

\$0

\$0

ESTIMATED BUDGET BREAKDOWN

Construction \$0

Design \$0

FF and E \$0

PM Fee \$0

Other Fees \$0

Construction \$/GSF N/A

Total Project \$/GSF N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

*

*

*

11.0020.192 — Water Flow Model



PROJECT SCOPE

Water Study for the Hydro- Analysis of the existing NAU water system. Currently on Hold until 2019.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	6/11/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement	TBD
ABOR Project Type	TBD

KEY STAKEHOLDERS

Occupants	N/A
User Reps	
NAU PM	Daniel Horton
Design Professional	TBD
MEP Engineer	TBD
Landscape Architect	TBD
Structural Engineer	TBD
Delivery Method	TBD
Contractor	TBD
Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD
Electrical Sub	TBD

BUDGET

TOTAL \$120,000

FUNDING SOURCES

Plant Fund 2019 \$120,000

\$0

\$0

\$0

ESTIMATED BUDGET BREAKDOWN

Construction \$0

Design \$0

FF and E \$0

PM Fee \$0

Other Fees \$0

Construction \$/GSF N/A

Total Project \$/GSF N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- *
- *
- *

10.0080.191 — Hot Tap Connection Replacement at Tinsley



PROJECT SCOPE

The Scope for this project is for an existing Gas Connection for a previous hot top placement is deteriorating and will need to be replaced.

TIMELINE

DP Selection	TBD
Contractor Selection	7/31/2018
Planning	6/11/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	3/29/2019
Final Completion	4/30/2019

Procurement	JOC
ABOR Project Type	PO

KEY STAKEHOLDERS

Occupants	N/A
User Reps	
NAU PM	Daniel Horton
Design Professional	TBD
MEP Engineer	TBD
Landscape Architect	TBD
Structural Engineer	TBD
Delivery Method	TBD
Contractor	Kinney Construction Services
Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD
Electrical Sub	TBD

BUDGET

TOTAL \$50,000

FUNDING SOURCES

Plant Fund 2019 \$50,000

\$0

\$0

\$0

ESTIMATED BUDGET BREAKDOWN

Construction \$44,500

Design \$0

FF and E \$0

PM Fee \$4,000

Other Fees \$1,500

Construction \$/GSF N/A

Total Project \$/GSF N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

*

*

*

09.0260.191 — Adel Paint Exterior



PROJECT SCOPE

The current exterior paint for Adel is over 20 years old and needs to be repainted as well as sealed brick and fascia applications are needed.

TIMELINE

DP Selection	N/A
Contractor Selection	8/17/2018
Planning	6/11/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	5/18/2019
Final Completion	6/22/2019

Procurement	PO
ABOR Project Type	CLS

KEY STAKEHOLDERS

Occupants	N/A
User Reps	TBD
NAU PM	Daniel Horton
Design Professional	N/A
MEP Engineer	N/A
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	N/A
Contractor	TBD
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL \$85,000

FUNDING SOURCES

DM FY 2019	\$85,000
	\$0
	\$0
	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$75,000
Design	\$0
FF and E	\$0
PM Fee	\$0
Other Fees	\$10,000
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- *
- *
- *

09.0650.191 — Castro Heat Exchanger Replacement



PROJECT SCOPE

The Heat Exchanger is original equipment, 45 years old and parts are difficult to maintenance due to age. Too large for the building's application.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	6/11/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	3/29/2019
Final Completion	4/26/2019

Procurement	JOC
ABOR Project Type	CLS

KEY STAKEHOLDERS

Occupants	SBS Castro
User Reps	SBS Castro
NAU PM	Daniel Horton
Design Professional	TBD
MEP Engineer	TBD
Landscape Architect	TBD
Structural Engineer	Spectrum Engineers
Delivery Method	TBD
Contractor	TBD
Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD
Electrical Sub	TBD

BUDGET

TOTAL \$15,000

FUNDING SOURCES

FY DM 2019 \$15,000

\$0

\$0

\$0

ESTIMATED BUDGET BREAKDOWN

Construction \$0

Design \$15,000

FF and E \$0

PM Fee \$0

Other Fees \$0

Construction \$/GSF N/A

Total Project \$/GSF N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- *
- *
- *

09.0002.191 — Multi-Building Flooring Replacement



PROJECT SCOPE

Flooring throughout campus in various places, First priority is CBA main stairwells the nosing is falling off and causing trip hazards.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	6/11/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	5/24/2019
Final Completion	6/28/2019

Procurement	TBD
ABOR Project Type	CLS

BUDGET

TOTAL \$50,000

FUNDING SOURCES

DM FY 2019 \$50,000

KEY STAKEHOLDERS

Occupants	All Campus
User Reps	
NAU PM	Daniel Horton
Design Professional	TBD
MEP Engineer	TBD
Landscape Architect	TBD
Structural Engineer	TBD
Delivery Method	TBD
Contractor	TBD
Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD
Electrical Sub	TBD

ESTIMATED BUDGET BREAKDOWN

Construction	\$0
Design	\$0
FF and E	\$0
PM Fee	\$0
Other Fees	\$0
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- *
- *
- *

09.0002.192 — Hose Bib Replacement at Various Locations



PROJECT SCOPE

Various hose bibs around campus are missing stems and are very dated making repair difficult. Scope is to replace all hose bibs in this condition.

TIMELINE

DP Selection	TBD
Contractor Selection	6/19/2018
Planning	6/11/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	3/15/2019
Final Completion	4/26/2019

Procurement	JOC
ABOR Project Type	PO

BUDGET

TOTAL \$50,000

FUNDING SOURCES

DM FY 2019 \$50,000

\$0

\$0

\$0

KEY STAKEHOLDERS

Occupants	N/A
User Reps	
NAU PM	Daniel Horton
Design Professional	TBD
MEP Engineer	TBD
Landscape Architect	TBD
Structural Engineer	TBD
Delivery Method	TBD
Contractor	TBD
Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD
Electrical Sub	TBD

ESTIMATED BUDGET BREAKDOWN

Construction	\$45,000
Design	\$0
FF and E	\$0
PM Fee	\$0
Other Fees	\$50,000
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- *
- *
- *

09.0120.191 — Geology Flooring Replacement



PROJECT SCOPE

The Flooring in the Geology Facility is due for replacement.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	6/11/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	1/31/2019
Final Completion	2/28/2019

Procurement	PO
ABOR Project Type	CLS

KEY STAKEHOLDERS

Occupants	N/A
User Reps	
NAU PM	Daniel Horton
Design Professional	TBD
MEP Engineer	TBD
Landscape Architect	TBD
Structural Engineer	TBD
Delivery Method	TBD
Contractor	Diversified Flooring
Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD
Electrical Sub	TBD

BUDGET

TOTAL \$30,000

FUNDING SOURCES

DM FY 2018 \$30,000

\$0

\$0

\$0

ESTIMATED BUDGET BREAKDOWN

Construction \$25,000

Design \$0

FF and E \$0

PM Fee \$0

Other Fees \$5,000

Construction \$/GSF N/A

Total Project \$/GSF N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

*

*

*

09.0002.194 — Multi-Building Correction Account

PROJECT SCOPE

Scope is to repair any items identified through Fire Marshal inspections around campus.



TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	6/11/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	5/31/2019
Final Completion	6/28/2019

Procurement	TBD
ABOR Project Type	CLS

BUDGET

TOTAL \$70,000

FUNDING SOURCES

DM FY 2019 \$70,000

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

KEY STAKEHOLDERS

Occupants	N/A
User Reps	
NAU PM	Daniel Horton
Design Professional	TBD
MEP Engineer	TBD
Landscape Architect	TBD
Structural Engineer	TBD
Delivery Method	TBD
Contractor	TBD
Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD
Electrical Sub	TBD

ESTIMATED BUDGET BREAKDOWN

Construction	\$70,000
Design	\$0
FF and E	\$0
PM Fee	\$0
Other Fees	\$0
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

CHALLENGES

Current challenges for this project:

- *
- *
- *

09.0004.192 — Cline Sprinkler Head Replacement



PROJECT SCOPE

Missing escutcheons can not be replaced the parts do not exist, New head is required for code compliance 800 heads for all public spaces.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	6/11/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	5/31/2019
Final Completion	6/28/2019

Procurement	JOC
ABOR Project Type	PO

KEY STAKEHOLDERS

Occupants	N/A
User Reps	
NAU PM	Daniel Horton
Design Professional	TBD
MEP Engineer	TBD
Landscape Architect	TBD
Structural Engineer	TBD
Delivery Method	TBD
Contractor	TBD
Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD
Electrical Sub	TBD

BUDGET

TOTAL	\$25,000
FUNDING SOURCES	
DM FY 2019	\$25,000

ESTIMATED BUDGET BREAKDOWN

Construction	\$25,000
Design	\$0
FF and E	\$0
PM Fee	\$0
Other Fees	\$0
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- *
- *
- *

09.0004.193 — Hazardous Material Holding Account 2019

PROJECT SCOPE

Holding account for hazardous materials abatement needed for trades work.

Asbestos and Hazardous Material
NORTHERN ARIZONA UNIVERSITY

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	TBD
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	5/31/2019
Final Completion	6/28/2019

Procurement	TBD
ABOR Project Type	PO

BUDGET

TOTAL \$25,000

FUNDING SOURCES

DM 2019 \$25,000

\$0

\$0

\$0

KEY STAKEHOLDERS

Occupants	N/A
User Reps	
NAU PM	Daniel Horton
Design Professional	TBD
MEP Engineer	TBD
Landscape Architect	TBD
Structural Engineer	TBD
Delivery Method	TBD
Contractor	TBD
Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD
Electrical Sub	TBD

ESTIMATED BUDGET BREAKDOWN

Construction \$25,000

Design \$0

FF and E \$0

PM Fee \$0

Other Fees \$0

Construction \$/GSF N/A

Total Project \$/GSF N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

*

*

*

09.0005.193 — ADA Holding Account 2019



PROJECT SCOPE

This is a Holding Account for ADA items identified throughout the year around campus. An exact scope of work is yet to be determined.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	TBD
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement	PO
ABOR Project Type	CAD

BUDGET

TOTAL \$25,000

KEY STAKEHOLDERS

Occupants	All Campus
User Reps	Multiple
NAU PM	Daniel Horton
Design Professional	TBD
MEP Engineer	TBD
Landscape Architect	TBD
Structural Engineer	TBD
Delivery Method	TBD
Contractor	TBD
Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD
Electrical Sub	TBD

FUNDING SOURCES

DM FY 2019 \$25,000

\$0

\$0

\$0

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

ESTIMATED BUDGET BREAKDOWN

Construction \$25,000

Design \$0

FF and E \$0

PM Fee \$0

Other Fees \$0

Construction \$/GSF N/A

Total Project \$/GSF N/A

CHALLENGES

Current challenges for this project:

* 25K remaining

*

*

09.0560.191 — AR&D 3rd Floor Slab Leak Repair



PROJECT SCOPE

There is an unidentified leak below the Laboratory in the ARD building. It is occurring down into the 2nd Floor Offices below the Lab.

TIMELINE

DP Selection	N/A
Contractor Selection	6/12/2018
Planning	6/11/2018
CPA Approved	8/17/2018
Programming	N/A
Schematic Design	N/A
100% Design Docs	N/A
Construction Docs	N/A
Construction	10/15/2018
Substantial Completion	3/22/2019
Final Completion	3/29/2019

Procurement	JOC
ABOR Project Type	PO

KEY STAKEHOLDERS

Occupants	TBD
User Reps	ARD
NAU PM	Daniel Horton
Design Professional	TBD
MEP Engineer	TBD
Landscape Architect	TBD
Structural Engineer	TBD
Delivery Method	TBD
Contractor	McCarthy Building Company
Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD
Electrical Sub	TBD

BUDGET

TOTAL \$15,000

FUNDING SOURCES

DM FY 2019 \$15,000

\$0

\$0

\$0

ESTIMATED BUDGET BREAKDOWN

Construction \$12,000

Design \$0

FF and E \$0

PM Fee \$0

Other Fees \$3,000

Construction \$/GSF N/A

Total Project \$/GSF N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

* Interruption to 3rd Floor Lab operations

*

*

08.0020.191 — Asphalt 2019 Streets



PROJECT SCOPE

This project will provide funding to continue to implement annual paving related improvements on streets around NAU's Campus. The proposed 2019 repair and maintenance locations have not yet been assessed and scoped but will likely includes various asphalt maintenance treatments including Chip Seals, Full-Depth Asphalt Patching, Crack Fill, & misc. Concrete repairs. NAU's roadway infrastructure is a critical component to campus transit, safety, and overall exterior aesthetics to campus. Yearly maintenance is required to keep up with ongoing deterioration of asphalt.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	07/16/2018
CPA Approved	1/7/2019
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement	ARQ
ABOR Project Type	CIN

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Greg Mace
NAU PM	Daniel Horton
Design Professional	Woodson Engineering
MEP Engineer	TBD
Landscape Architect	TBD
Structural Engineer	TBD
Delivery Method	TBD
Contractor	TBD
Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD
Electrical Sub	TBD

BUDGET

TOTAL	\$325,000
FUNDING SOURCES	
Admin Overhead	\$325,000

ESTIMATED BUDGET BREAKDOWN

Construction	\$247,684
Design	\$39,050
FF and E	\$0
PM Fee	\$24,074
Other Fees	\$14,912
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- * Traffic Control
- * Monsoon Season & Inclement Weather
- * Adjacent Construction Projects

08.0030.191 — Concrete 2019



PROJECT SCOPE

Concrete maintenance project to address and correct deteriorated or damaged concrete resulting in trip hazards and/or ADA accessibility deficiencies. The proposed 2019 repair locations have not yet been assessed and scoped but will likely include various concrete replacements of deteriorated and non-ADA compliant access/egress sidewalks & pedestrian ramps, failed retaining walls & stairs located across campus. Also proposed will be the establishment of sidewalk connections that are not currently existing by needed to improve pedestrian circulation and safety.

Procurement DP for ARQ & JOC
ABOR Project Type CIN

KEY STAKEHOLDERS

Occupants N/A
User Reps Greg Mace
NAU PM Daniel Horton
Design Professional Peak Engineering
MEP Engineer TBD
Landscape Architect TBD
Structural Engineer TBD
Delivery Method TBD
Contractor TBD
Plumbing Sub TBD
Mechanical Sub TBD
Fire Protection Sub TBD
Electrical Sub TBD

BUDGET

TOTAL \$325,000

FUNDING SOURCES

Admin Overhead \$325,000

ESTIMATED BUDGET BREAKDOWN

Construction \$243,100
Design \$44,000
FF and E \$0
PM Fee \$24,074
Other Fees \$13,826
Construction \$/GSF N/A
Total Project \$/GSF N/A

TIMELINE

DP Selection TBD
Contractor Selection TBD
Planning 07/16/2018
CPA Approved 1/7/2019
Programming TBD
Schematic Design TBD
100% Design Docs TBD
Construction Docs TBD
Construction TBD
Substantial Completion TBD
Final Completion TBD

AREA DATA

GSF 0
ASF 0
Efficiency Ratio N/A

CHALLENGES

Current challenges for this project:
* Monsoons
* Accessibility
*

10.0080.192 — South Village Gas Pipe Line Survey



PROJECT SCOPE

The scope of work is to pothole 6 joints in the natural gas piping system around south village to investigate for corrosion and restore the concrete and landscaping after the potholing is complete. There has been one leak and other remedied corrosion in the area in the last few years and contractors/inspectors have recently identified other areas of corrosion in that system from prior to Dennis and my involvement in the system. It is unclear whether these previous issues were resolved so we need to confirm that there is not a life safety risk.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	7/25/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	N/A
Substantial Completion	3/29/2019
Final Completion	4/26/2019

Procurement	JOC
ABOR Project Type	PO

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Jon Heitzinger
NAU PM	Daniel Horton
Design Professional	TBD
MEP Engineer	TBD
Landscape Architect	TBD
Structural Engineer	TBD
Delivery Method	TBD
Contractor	TBD
Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD
Electrical Sub	TBD

BUDGET

TOTAL \$28,000

FUNDING SOURCES

Plant Fund 2019 \$28,000

\$0

\$0

\$0

ESTIMATED BUDGET BREAKDOWN

Construction \$25,760

Design \$0

FF and E \$0

PM Fee \$2,240

Other Fees

Construction \$/GSF N/A

Total Project \$/GSF N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

* Possible Corrosion issues

*

*

09.0004.184 — Hazardous Materials Holding Account 2018

PROJECT SCOPE

This project is a holding account for Hazardous Materials abatement needed for trades work. It is funded with deferred maintenance 2018 funds. The exact uses of these funds are TBD at this time.

Asbestos and Hazardous Material
NORTHERN ARIZONA UNIVERSITY

TIMELINE

DP Selection	N/A
Contractor Selection	N/A
Planning	7/01/2017
CPA Approved	7/21/2017
Programming	N/A
Schematic Design	N/A
100% Design Docs	N/A
Construction Docs	N/A
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement	PO
ABOR Project Type	OTH

KEY STAKEHOLDERS

Occupants	TBD
User Reps	Justin Dinardi
NAU PM	Daniel Horton
Design Professional	N/A
MEP Engineer	N/A
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	PO
Contractor	N/A
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL \$25,000

FUNDING SOURCES

DM FY 2018 \$25,000

\$0

\$0

\$0

ESTIMATED BUDGET BREAKDOWN

Construction \$25,000

Design \$0

FF and E \$0

PM Fee \$0

Other Fees \$0

Construction \$/GSF N/A

Total Project \$/GSF N/A

AREA DATA

GSF 0

ASF 0

Efficiency Ratio N/A

CHALLENGES

Current challenges for this project:

* N/A

* N/A

* N/A

10.0040.181 — New Gas and Waterline Between McConnell Drive and Gabaldon Hall



PROJECT SCOPE

This project is initially the design to install a new gas & waterline between McConnell Drive & Gabaldon Hall. Unisource has stated that the north gas feed that supplies gas from Babbitt Admin to the northernmost part of campus is at capacity. The new gas & waterline is approximately 1000 Linear Feet. Unisource (Gas Supply Company) feeds campus through master meters. NAU then operates individual separate distribution systems connected to the master meters. Unisource has stated that the north gas feed that supplies gas from Babbitt Admin to the northernmost part of campus is at capacity. This project would connect 2 of the master meter systems on campus

Procurement	TBD
ABOR Project Type	NIN

KEY STAKEHOLDERS

Occupants	N/A-Utility
User Reps	Jon Heitzinger
NAU PM	Daniel Horton
Design Professional	GLHN Architects & Engineers
MEP Engineer	N/A
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	TBD
Contractor	TBD
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL \$950,000

FUNDING SOURCES

Plant Fund 2018	\$100,000
TBD	\$0
TBD	\$0
	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$0
Design	\$90,000
FF and E	\$0
PM Fee	\$8,000
Other Fees	\$2,000
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

TIMELINE

DP Selection	7/21/2017
Contractor Selection	TBD
Planning	7/21/2017
CPA Approved	8/3/2017
Programming	N/A
Schematic Design	N/A
100% Design Docs	N/A
Construction Docs	N/A
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- * Full project scope development
- * N/A
- * N/A

10.0040.174 — Condensate Line and Lid Repair Tunnel 4 Section K



PROJECT SCOPE

Replace section of leaking condensate line in tunnel 4 section K. This project will also replace the lid or lids of the tunnel sections which are failing due to moisture, and could be considered a work hazard for NAU employees and contractors.

TIMELINE

DP Selection	6/27/2017
Contractor Selection	TBD
Planning	6/27/2017
CPA Approved	7/3/2017
Programming	N/A
Schematic Design	10/15/17
100% Design Docs	12/15/2017
Construction Docs	12/15/2017
Construction	07/01/2018
Substantial Completion	3/29/2019
Final Completion	4/26/2019

Procurement	JOC
ABOR Project Type	CIN

KEY STAKEHOLDERS

Occupants	N/A-Utilities
User Reps	Jon Heitzinger
NAU PM	Daniel Horton
Design Professional	Hubbard Merrell
MEP Engineer	N/A
Landscape Architect	N/A
Structural Engineer	Hubbard Merrell
Delivery Method	TBD
Contractor	Loven Contracting Inc.
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL \$200,000

FUNDING SOURCES

Plant Fund 2017 \$200,000

\$0

\$0

\$0

ESTIMATED BUDGET BREAKDOWN

Construction \$149,447

Design \$36,000

FF and E \$0

PM Fee \$5,954

Other Fees \$8,599

Construction \$/GSF N/A

Total Project \$/GSF N/A

AREA DATA

GSF	
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- * coordinating sidewalk closure and alt exits.
- * N/A
- * N/A

09.0790.171 — Greenhouse Boiler Replacement



PROJECT SCOPE

The Existing Greenhouse boiler needs replacement due to constant operational and maintenance issues. The boiler is 30 years old from the original installation (1988) and parts for this model are no longer manufactured, hence are needed to be fabricated by a mechanical designer and contractor, such as the modulating linkage, boiler tubes and valves for the system. These maintenance items have costed the University thousands of dollars in Contractor fees and response efforts to the failing equipment.

TIMELINE

DP Selection	6/19/2017
Contractor Selection	6/19/2017
Planning	6/19/2017
CPA Approved	7/13/2017
Programming	N/A
Schematic Design	09/01/17
100% Design Docs	9/15/2017
Construction Docs	9/15/2017
Construction	3/30/2018
Substantial Completion	11/30/2018
Final Completion	12/28/2018

Procurement	JOC
ABOR Project Type	PO

KEY STAKEHOLDERS

Occupants	Greenhouse Facility
User Reps	Greenhouse Facility
NAU PM	Daniel Horton
Design Professional	Taylor Rymar
MEP Engineer	N/A
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	Design/Installation
Contractor	Kinetics
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL \$141,000

FUNDING SOURCES

DM FY 2018	\$141,000
VPR	\$30,000
	\$0
	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$110,000
Design	\$15,000
FF and E	\$0
PM Fee	\$0
Other Fees	\$16,000
Construction \$/GSF	\$1,100
Total Project \$/GSF	\$1,410

AREA DATA

GSF	100
ASF	100
Efficiency Ratio	100.00%

CHALLENGES

- Current challenges for this project:**
- * Current Greenhouse boiler could fail during winter
 - *
 - *

09.0004.181 — 2018 Multi-Building FLS Repairs

PROJECT SCOPE

This holding account is to repair any items identified through the Fire Marshal inspections around the campus. This is for FY18 Deferred Maintenance.



TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	7/11/2017
CPA Approved	7/19/2017
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	11/29/2018
Final Completion	12/27/2018

Procurement	TBD
ABOR Project Type	CLS

BUDGET

TOTAL	\$90,000
FUNDING SOURCES	
DM 2018	\$90,000

KEY STAKEHOLDERS

Occupants	Camps-wide
User Reps	Jeff Young
NAU PM	Daniel Horton
Design Professional	TBD
MEP Engineer	TBD
Landscape Architect	TBD
Structural Engineer	TBD
Delivery Method	TBD
Contractor	TBD
Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD
Electrical Sub	TBD

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

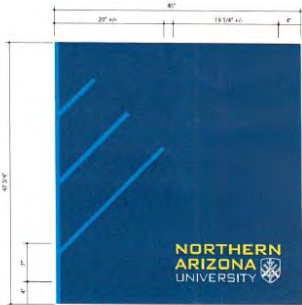
CHALLENGES

- Current challenges for this project:**
- * Scope Development
 - * N/A
 - * N/A

ESTIMATED BUDGET BREAKDOWN

Construction	\$90,000
Design	\$0
FF and E	\$0
PM Fee	\$0
Other Fees	\$0
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

08.0080.171 — Annual Signage 2017



PROJECT SCOPE

This is an annual holding account for campus-wide signage for fiscal year 2017. This fund is being used by the Facility Services Director of Engineering in order to procure campus standard signage materials.

TIMELINE

DP Selection	N/A
Contractor Selection	N/A
Planning	07/01/2016
CPA Approved	10/31/2016
Programming	N/A
Schematic Design	N/A
100% Design Docs	N/A
Construction Docs	N/A
Construction	12/18/17
Substantial Completion	N/A
Final Completion	3/15/2019

Procurement	PO
ABOR Project Type	OTHER

KEY STAKEHOLDERS

Occupants	N/A-Signs
User Reps	Greg Mace
NAU PM	Daniel Horton
Design Professional	N/A
MEP Engineer	N/A
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	PO
Contractor	N/A
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL \$25,000

FUNDING SOURCES

Admin OH \$25,000

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- * Material Lead-time
- * N/A
- * N/A

ESTIMATED BUDGET BREAKDOWN

Construction	\$0
Design	\$0
FF and E	\$25,000
PM Fee	\$0
Other Fees	\$0
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

09.0005.181 — ADA Holding Account 2018



PROJECT SCOPE

This is a Holding Account for ADA items identified throughout the year around campus. An exact scope of work is yet to be determined.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	7/1/2017
CPA Approved	7/19/2017
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement	PO
ABOR Project Type	CAD

KEY STAKEHOLDERS

Occupants	All Campus
User Reps	Multiple
NAU PM	Daniel Horton
Design Professional	N/A
MEP Engineer	TBD
Landscape Architect	TBD
Structural Engineer	TBD
Delivery Method	PO
Contractor	TBD
Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD
Electrical Sub	TBD

BUDGET

TOTAL \$25,000

FUNDING SOURCES

DM FY 2018 \$25,000

ESTIMATED BUDGET BREAKDOWN

Construction	\$24,853
Design	\$0
FF and E	\$0
PM Fee	\$0
Other Fees	\$147
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

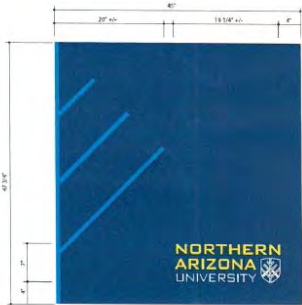
GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- * Scope development
- * \$8,300 Remaining
- * N/A

08.0080.182 — Annual Signage Holding Account 2018



PROJECT SCOPE

This is a holding account for 2018 to address campus-wide signage issues. A PO will be issued out of this holding account to install new Type H Building Signs at Building #68 for Rolle Activity Center & Building #66 Health Professions. Outdated aluminum building signs are to be replaced at these locations. Included in this scope of work is the installation of a foundation, stemwall, sandstone veneer, frame, & two porcelain panel signs to make-up a full two-sided campus standard building sign for each locations. Landscape to be put back as mulch to match the adjacent and previous installation.

TIMELINE

DP Selection	N/A
Contractor Selection	8/10/2017
Planning	8/14/2017
CPA Approved	9/8/2017
Programming	N/A
Schematic Design	N/A
100% Design Docs	N/A
Construction Docs	N/A
Construction	9/25/2017
Substantial Completion	10/20/2017
Final Completion	3/15/2019

Procurement	PO
ABOR Project Type	CIN

KEY STAKEHOLDERS

Occupants	N/A-Signs
User Reps	Greg Mace
NAU PM	Daniel Horton
Design Professional	N/A
MEP Engineer	N/A
Landscape Architect	
Structural Engineer	N/A
Delivery Method	PO
Contractor	Foundations Concrete
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL	\$25,000
FUNDING SOURCES	
University Central	\$25,000

ESTIMATED BUDGET BREAKDOWN

Construction	\$18,000
Design	\$0
FF and E	\$4,000
PM Fee	\$1,852
Other Fees	\$1,148
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

- Current challenges for this project:**
- * Underground Utilities
 - * Stone Lead Time
 - * Signage Lead Time

10.0020.191 — Sechrist Water Meter Repair



PROJECT SCOPE

There is an existing water meter valve at the Sechrist facility that is leaking at the bonnet apart of copper pipe. Meter and pipe will be excavated, removed and copper pipe replaced to repair the leak. This project will be plant funded.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	08/13/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	12/28/2018
Final Completion	1/25/2019

Procurement	JOC
ABOR Project Type	PO

KEY STAKEHOLDERS

Occupants	NAU Residential Life
User Reps	Christopher Thrash
NAU PM	Daniel Horton
Design Professional	TBD
MEP Engineer	TBD
Landscape Architect	TBD
Structural Engineer	TBD
Delivery Method	TBD
Contractor	Eagle Mountain Construction
Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD
Electrical Sub	TBD

BUDGET

TOTAL \$21,000

FUNDING SOURCES

Plant Fund 2019	\$21,000
	\$0
	\$0
	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$13,000
Design	\$0
FF and E	\$0
PM Fee	\$1,000
Other Fees	\$7,000
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- * Water shutdown for 10 hours during semester
- *
- *

08.0080.192 — New Logo Signage Updates



PROJECT SCOPE

A campus wide-assessment of existing NAU signage to replace with the new Logo. Primary facilities to be addressed will be high-profile locations

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	8/31/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement	TBD
ABOR Project Type	TBD

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Ann Marie P. deWees
NAU PM	Daniel Horton
Design Professional	TBD
MEP Engineer	TBD
Landscape Architect	TBD
Structural Engineer	TBD
Delivery Method	TBD
Contractor	TBD
Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD
Electrical Sub	TBD

BUDGET

TOTAL \$0

FUNDING SOURCES

	\$0
	\$0
	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$0
Design	\$0
FF and E	\$0
PM Fee	\$0
Other Fees	\$0
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- *
- *
- *

12.0010.191 — Yuma Chilled Waterline Repair



PROJECT SCOPE

Repair/replace failing chilled water line that supplies main building.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	08/20/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement	JOC
ABOR Project Type	PO

KEY STAKEHOLDERS

Occupants	NAU-YUMA/AWC
User Reps	NAU-YUMA
NAU PM	Daniel Horton
Design Professional	TBD
MEP Engineer	TBD
Landscape Architect	TBD
Structural Engineer	TBD
Delivery Method	TBD
Contractor	Summa Mechanical Contractors
Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD
Electrical Sub	TBD

BUDGET

TOTAL \$219,000

FUNDING SOURCES

Plany Fund 2019 \$219,000

\$0

\$0

\$0

ESTIMATED BUDGET BREAKDOWN

Construction \$201,480

Design \$0

FF and E \$0

PM Fee \$17,520

Other Fees \$0

Construction \$/GSF N/A

Total Project \$/GSF N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

*

*

*

09.0820.191 — Forestry Generator Replacement



PROJECT SCOPE

The Generator at the Forestry Complex will be replaced due to failure. This project cost will be shared with the U.S. Forestry Department.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	8/17/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	3/22/2019
Final Completion	4/26/2019

Procurement	PO
ABOR Project Type	TBD

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Frank McArthur
NAU PM	Daniel Horton
Design Professional	TBD
MEP Engineer	TBD
Landscape Architect	TBD
Structural Engineer	TBD
Delivery Method	TBD
Contractor	Shaum Electrical
Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD
Electrical Sub	TBD

BUDGET

TOTAL

FUNDING SOURCES

DM 2018 \$190,000

\$0

\$0

\$0

ESTIMATED BUDGET BREAKDOWN

Construction \$0

Design \$0

FF and E \$0

PM Fee \$0

Other Fees \$0

Construction \$/GSF N/A

Total Project \$/GSF N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- * Establishing Cost Share Agreement with Forest
- * Service
- *

09.0004.194 — 2019 AED Holding Account



PROJECT SCOPE

The NAU Automatic Electronic Defibrillator Program currently consist of 168 AED's Deployed throughout the Mountain campus and 10 AED's spread out the extend campuses. The devices are broken down in to yearly maintenance of approx. 28 unit

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	09/17/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	5/31/2019
Final Completion	6/28/2019

Procurement	TBD
ABOR Project Type	PO

BUDGET

TOTAL \$25,000

FUNDING SOURCES

DM 2019 \$25,000

KEY STAKEHOLDERS

Occupants	N/A
User Reps	
NAU PM	Daniel Horton
Design Professional	N/A
MEP Engineer	N/A
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	N/A
Contractor	N/A
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

ESTIMATED BUDGET BREAKDOWN

Construction	\$0
Design	\$0
FF and E	\$0
PM Fee	\$0
Other Fees	\$0
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

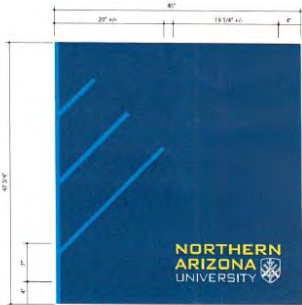
GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- *
- *
- *

08.0080.191 — Annual Signage Holding Account 2019



PROJECT SCOPE

This is a holding account for 2018 to address campus-wide signage issues. Scope will be further defined as needs arise. This account is used to address outdated or missing building signage.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	8/3/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement

ABOR Project Type

KEY STAKEHOLDERS

Occupants	N/A
User Reps	
NAU PM	Daniel Horton
Design Professional	N/A
MEP Engineer	N/A
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	N/A
Contractor	N/A
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL \$0

FUNDING SOURCES

	\$0
	\$0
	\$0
	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$0
Design	\$0
FF and E	\$0
PM Fee	\$0
Other Fees	\$0
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- *
- *
- *

09.0002.196 — Parking Structure Maintenance 2019



PROJECT SCOPE

This project will provide funding for the annual Knoles, Mountain View, & San Francisco Parking Structures maintenance and repair project. The work included in this year's scope is based on recently identified maintenance and repair items that are included as part of a 5 Year maintenance plan identified in the Kimley Horn 2018 Parking Structure Condition Assessment. Scope will likely include surface treatment maintenance, joint replacements, painting, & cleaning.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	10/09/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement	DP for ARQ & JOC
ABOR Project Type	CAX

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Erin Stam
NAU PM	Daniel Horton
Design Professional	Kimley-Horn
MEP Engineer	TBD
Landscape Architect	TBD
Structural Engineer	TBD
Delivery Method	TBD
Contractor	TBD
Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD
Electrical Sub	TBD

BUDGET

TOTAL \$250,000

FUNDING SOURCES

Parking \$250,000

ESTIMATED BUDGET BREAKDOWN

Construction \$189,000

Design \$37,406

FF and E \$0

PM Fee \$18,519

Other Fees \$5,075

Construction \$/GSF N/A

Total Project \$/GSF N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- * Summer Monsoons
- * Orientation, Camps, & Conferences
- * Traffic Control

08.0020.192 — Asphalt 2019 Parking



PROJECT SCOPE

This project will provide funding for the annual campus-wide Parking lot maintenance and repair project. The lot selection and treatments will be proposed based on assessment performed by the consultant and parking services input & prioritization. The scope will likely include a mixed combination of asphalt treatments such as Sealcoats, Asphalt Patching, ADA Improvements, and Crack Fill similar to previous summers scope.

Procurement DP for ARQ & JOC
ABOR Project Type CAX

KEY STAKEHOLDERS

Occupants N/A
User Reps Erin Stam
NAU PM Daniel Horton
Design Professional Woodson Engineering
MEP Engineer TBD
Landscape Architect TBD
Structural Engineer TBD
Delivery Method TBD
Contractor TBD
Plumbing Sub TBD
Mechanical Sub TBD
Fire Protection Sub TBD
Electrical Sub TBD

BUDGET

TOTAL \$650,000

FUNDING SOURCES

Parking \$650,000
Design \$0
FF and E \$0
PM Fee \$48,148
Other Fees \$13,452

ESTIMATED BUDGET BREAKDOWN

Construction \$533,400
Design \$55,000
FF and E \$0
PM Fee \$48,148
Other Fees \$13,452
Construction \$/GSF N/A
Total Project \$/GSF N/A

TIMELINE

DP Selection TBD
Contractor Selection TBD
Planning 10/09/2018
CPA Approved TBD
Programming TBD
Schematic Design TBD
100% Design Docs TBD
Construction Docs TBD
Construction TBD
Substantial Completion TBD
Final Completion TBD

AREA DATA

GSF 0
ASF 0
Efficiency Ratio N/A

CHALLENGES

Current challenges for this project:

- * Traffic Control
- * Monsoon Season & Inclement Weather
- * Coordination with Camps/Conferences & other Summ

10.0000.191 — Protocol on Building Startup after Shutdown



PROJECT SCOPE

This budget is for NAU Facilities and EH&S to create a protocol for restarting buildings with chemicals or hazardous materials after a shutdown has occurred, whether an emergency or planned. The determination will be made based on what backup systems have for science buildings which will include building walks and scheduling actual shutdowns to test various components. Trades time will be utilized to assess current building conditions and perform shutdowns for ARD, SLF, Wettaw, Bio Science Annex, Forestry, and the Chemical Storage Facility.

Procurement

ABOR Project Type

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Jon Heitzinger
NAU PM	Daniel Horton
Design Professional	TBD
MEP Engineer	TBD
Landscape Architect	TBD
Structural Engineer	TBD
Delivery Method	TBD
Contractor	TBD
Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD
Electrical Sub	TBD

BUDGET

TOTAL \$17,000

FUNDING SOURCES

Plant Fund 2019 \$17,000

\$0

\$0

\$0

ESTIMATED BUDGET BREAKDOWN

Construction \$5,000

Design \$0

FF and E \$0

PM Fee \$2,000

Other Fees \$10,000

Construction \$/GSF N/A

Total Project \$/GSF N/A

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	11/09/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	5/31/2019
Final Completion	6/28/2019

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

*
*
*

09.0992.191 — Grannys Closet Renovation



PROJECT SCOPE

Phase 1: Demolition of the 2 smaller houses on the property, capping off the related utilities, and conversion of that space to a gravel lot. The actual renovation of Grannys is in a phase 2.

TIMELINE

DP Selection	TBD
Contractor Selection	1/8/2019
Planning	12/20/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement	JOC
ABOR Project Type	PO

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Dan Okoli
NAU PM	Daniel Horton
Design Professional	TBD
MEP Engineer	TBD
Landscape Architect	TBD
Structural Engineer	TBD
Delivery Method	TBD
Contractor	Wespac Construction Inc.
Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD
Electrical Sub	TBD

BUDGET

TOTAL \$0

FUNDING SOURCES

TBD \$0

\$0

\$0

\$0

ESTIMATED BUDGET BREAKDOWN

Construction \$0

Design \$0

FF and E \$0

PM Fee \$0

Other Fees \$0

Construction \$/GSF N/A

Total Project \$/GSF N/A

AREA DATA

GSF 0

ASF 0

Efficiency Ratio N/A

CHALLENGES

Current challenges for this project:

*

*

*

13.0500.191 — Phoenix North Valley Development Department Office



PROJECT SCOPE

Construction for office remodel and furniture needs to centralize Phoenix staff to one location.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	01/08/2019
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	6/28/2019
Final Completion	7/26/2019

Procurement	JOC
ABOR Project Type	PO

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Meghan Fronst
NAU PM	Daniel Horton
Design Professional	TBD
MEP Engineer	TBD
Landscape Architect	TBD
Structural Engineer	TBD
Delivery Method	TBD
Contractor	TBD
Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD
Electrical Sub	TBD

BUDGET

TOTAL \$0

FUNDING SOURCES

\$0

\$0

\$0

\$0

ESTIMATED BUDGET BREAKDOWN

Construction \$0

Design \$0

FF and E \$0

PM Fee \$0

Other Fees \$0

Construction \$/GSF N/A *

Total Project \$/GSF N/A *

AREA DATA

GSF 0

ASF 0

Efficiency Ratio N/A

CHALLENGES

Current challenges for this project:

*

*

*

10.0060.192 — HTHW Leak Repair Near McConnell

PROJECT SCOPE

Repair the HTHW line in the vault near McConnell. Excavate the direct buried line near College of Business and have contractor make repairs necessary.



TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	1/7/2019
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	3/30/2019
Final Completion	4/30/2019

Procurement	JOC
ABOR Project Type	PO

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Jon Heitzinger
NAU PM	Daniel Horton
Design Professional	TBD
MEP Engineer	TBD
Landscape Architect	TBD
Structural Engineer	TBD
Delivery Method	TBD
Contractor	McCarthy Building Company
Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD
Electrical Sub	TBD

BUDGET

TOTAL \$45,000

FUNDING SOURCES

Plant Fund 2019 \$45,000

\$0

\$0

\$0

ESTIMATED BUDGET BREAKDOWN

Construction \$38,000

Design \$0

FF and E \$0

PM Fee \$4,000

Other Fees \$3,000

Construction \$/GSF N/A

Total Project \$/GSF N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

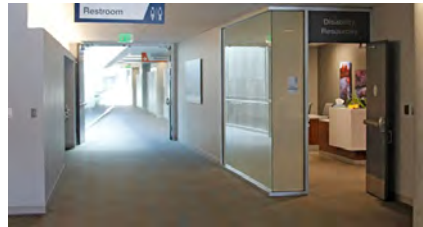
CHALLENGES

Current challenges for this project:

*
*
*

**TARYN
WILLIAMS**

09.0250.183 — HLC DISABILITY RESOURCES NEW OFFICE



PROJECT SCOPE

This project is to reconfigure room 2035 to accommodate an additional office.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	02/06/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	N/A
100% Design Docs	N/A
Construction Docs	N/A
Construction	N/A
Substantial Completion	1/7/2018
Final Completion	TBD

Procurement	PO
ABOR Project Type	OTH

BUDGET

TOTAL \$22,800

KEY STAKEHOLDERS

Occupants	Disability Resources
User Reps	Jamie Axelrod
NAU PM	Taryn Williams
Design Professional	In House
MEP Engineer	NA
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	PO
Contractor	In House
Plumbing Sub	NA
Mechanical Sub	NA
Fire Protection Sub	NA
Electrical Sub	in House

FUNDING SOURCES

	\$0
	\$0
	\$0
	\$0

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

ESTIMATED BUDGET BREAKDOWN

Construction	\$9,200
Design	\$816
FF and E	\$11,095
PM Fee	\$1,689
Other Fees	\$0
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

CHALLENGES

Current challenges for this project:

- * Door & jamb installation issues
- * finishes issues, to receive follow up
- *

09.0770.181 — Building 77 Space Optimization



PROJECT SCOPE

Building 77, Facility Services, is 127,981 GSF, 103,780 NASF. This project will initially analyze the space and design a better use, as well as increase the capacity to bring more people and services into the building. Future construction is dependent on budget.

TIMELINE

DP Selection	5/21/2018
Contractor Selection	TBD
Planning	3/20/2018
CPA Approved	TBD
Programming	10/31/2018
Schematic Design	N/A
100% Design Docs	N/A
Construction Docs	N/A
Construction	N/A
Substantial Completion	N/A
Final Completion	N/A

Procurement ARQ

ABOR Project Type

KEY STAKEHOLDERS

Occupants	Facility Services
User Reps	Dan Okoli
NAU PM	Taryn Williams
Design Professional	TBD
MEP Engineer	N/A
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	
Contractor	TBD
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL \$99,500

FUNDING SOURCES

	\$0
	\$0
	\$0
	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$0
Design	\$0
FF and E	\$0
PM Fee	\$0
Other Fees	\$0
Construction \$/GSF	\$0
Total Project \$/GSF	\$1

AREA DATA

GSF	127,981
ASF	103,780
Efficiency Ratio	81.09%

CHALLENGES

Current challenges for this project:

- * Open-plan acceptance
- * Phasing
- * Swing Space

09.0002.186 — FY18 Classroom Holding Account



PROJECT SCOPE

Holding Account for classroom upgrades throughout campus.

TIMELINE

DP Selection	N/A
Contractor Selection	TBD
Planning	4/25/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	N/A
Construction Docs	N/A
Construction	N/A
Substantial Completion	8/24/2018
Final Completion	8/31/2018

Procurement	PO
ABOR Project Type	OTH

KEY STAKEHOLDERS

Occupants	Various
User Reps	Various
NAU PM	Taryn Williams
Design Professional	TBD
MEP Engineer	NA
Landscape Architect	NA
Structural Engineer	N/A
Delivery Method	Installation
Contractor	In House
Plumbing Sub	NA
Mechanical Sub	NA
Fire Protection Sub	NA
Electrical Sub	NA

BUDGET

TOTAL \$0

FUNDING SOURCES

\$0

\$0

\$0

\$0

ESTIMATED BUDGET BREAKDOWN

Construction \$0

Design \$0

FF and E \$0

PM Fee \$0

Other Fees \$0

Construction \$/GSF N/A

Total Project \$/GSF N/A

AREA DATA

GSF 0

ASF 0

Efficiency Ratio N/A

CHALLENGES

Current challenges for this project:

*

*

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09.0650.181 — SBS Classroom Upgrades (102, 104, 107, 111)



PROJECT SCOPE

The SBS Castro Building will receive Classroom upgrades Including: flooring, window coverings, furniture, plumbing, paint, and storage modifications. Classrooms are: 102,104,107, and 111.

TIMELINE

DP Selection	N/A
Contractor Selection	N/A
Planning	4/25/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	N/A
100% Design Docs	N/A
Construction Docs	N/A
Construction	TBD
Substantial Completion	8/15/2018
Final Completion	8/27/2018

Procurement	PO
ABOR Project Type	OTH

KEY STAKEHOLDERS

Occupants	N/A
User Reps	
NAU PM	Taryn Williams
Design Professional	TBD
MEP Engineer	N/A
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	
Contractor	TBD
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL \$233,456

FUNDING SOURCES

Learning Space F	\$0
	\$0
	\$0
	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$107,390
Design	\$0
FF and E	\$107,390
PM Fee	\$18,676
Other Fees	\$0
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- *
- *
- *

09.0300.181 — Kaibab Room Remodel for IMQ



PROJECT SCOPE

Move Transfer & Commuter Center to Career Services, move Career to IMQ and move IMQ to TCC and expand into the Kaibab Room at University Union.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	6/7/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	
Construction	11/1/18
Substantial Completion	1/7/2019
Final Completion	TBD

Procurement	PO
ABOR Project Type	

BUDGET

TOTAL \$217,000

KEY STAKEHOLDERS

Occupants	Office for Inclusion
User Reps	Jane Kuhn
NAU PM	Taryn Williams
Design Professional	In House
MEP Engineer	NA
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	PO
Contractor	N/A
Plumbing Sub	NA
Mechanical Sub	NA
Fire Protection Sub	NA
Electrical Sub	In House

FUNDING SOURCES

ESTIMATED BUDGET BREAKDOWN

Construction	\$0
Design	\$0
FF and E	\$0
PM Fee	\$0
Other Fees	\$0
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

*
*
*

09.0002.187 — FY18 Miscellaneous Classroom Needs



PROJECT SCOPE

This allocation of funding would go towards the singular purpose of fixing "classroom pre-assignment issues". Often the only reason faculty request to avoid using a certain room is because it is short on window coverings or perhaps white boards, other things of this nature. This funding would allow us to infill these missing items, therefore simplifying the classroom assignment process.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	6/11/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement

ABOR Project Type

KEY STAKEHOLDERS

Occupants	Students & Faculty
User Reps	
NAU PM	Taryn Williams
Design Professional	In House
MEP Engineer	NA
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	Purchase Order
Contractor	N/A
Plumbing Sub	NA
Mechanical Sub	NA
Fire Protection Sub	NA
Electrical Sub	NA

BUDGET

TOTAL \$100,000

FUNDING SOURCES

	\$0
	\$0
	\$0
	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$0
Design	\$0
FF and E	\$0
PM Fee	\$0
Other Fees	\$0
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

*
*
*

09.0002.188 — FY18 Miscellaneous Classroom Furniture



PROJECT SCOPE

Project ScopeFunding for "as needed" classroom furniture. When something is damaged and no longer warranted or the occasional piece of furniture goes missing, this funding would cover the cost so that the department is not responsible.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	6/11/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement PO

ABOR Project Type

KEY STAKEHOLDERS

Occupants Students & Faculty

User Reps

NAU PM Taryn Williams

Design Professional In House

MEP Engineer NA

Landscape Architect NA

Structural Engineer N/A

Delivery Method TBD

Contractor N/A

Plumbing Sub NA

Mechanical Sub NA

Fire Protection Sub NA

Electrical Sub NA

BUDGET

TOTAL \$25,000

FUNDING SOURCES

\$0

\$0

\$0

\$0

ESTIMATED BUDGET BREAKDOWN

Construction \$0

Design \$0

FF and E \$0

PM Fee \$0

Other Fees \$0

Construction \$/GSF N/A

Total Project \$/GSF N/A

AREA DATA

GSF 0

ASF 0

Efficiency Ratio N/A

CHALLENGES

Current challenges for this project:

*

*

*

09.0700.183 — SBS West Classroom Upgrades (104,106, 204, 205)



PROJECT SCOPE

The SBS West Building will receive Classroom upgrades Including: flooring, window coverings, furniture, plumbing, paint, and storage modifications. Classrooms are: 106,104,2014, and 205.

TIMELINE

DP Selection	N/A
Contractor Selection	11/1/2018
Planning	4/25/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement

ABOR Project Type

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Kathy Reese
NAU PM	Taryn Williams
Design Professional	TBD
MEP Engineer	TBD
Landscape Architect	TBD
Structural Engineer	TBD
Delivery Method	
Contractor	TBD
Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD
Electrical Sub	TBD

BUDGET

TOTAL \$425,000

FUNDING SOURCES

Learning Space F \$425,000

\$0

\$0

\$0

ESTIMATED BUDGET BREAKDOWN

Construction \$195,000

Design \$0

FF and E \$195,000

PM Fee \$34,000

Other Fees \$0

Construction \$/GSF N/A

Total Project \$/GSF N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- *
- *
- *

09.0161.181 — Third Floor Space Optimization for Marketing

PROJECT SCOPE

Redesign third floor to add more office space and kitchenette.



TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	5/14/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement

ABOR Project Type

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Ahsley Chitwood
NAU PM	Taryn Williams
Design Professional	TBD
MEP Engineer	N/A
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	N/A
Contractor	TBD
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL \$0

FUNDING SOURCES

	\$0
	\$0
	\$0
	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$0
Design	\$0
FF and E	\$0
PM Fee	\$0
Other Fees	\$0
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

*	
*	
*	

09.0430.181 — Gateway Advising Redsign



PROJECT SCOPE

Office space in Building #43 Gateway Student Success Center will be modified to add 25 workstations to accommodate the merging of employees from Bury Hall and Extended Campuses.

TIMELINE

DP Selection	N/A
Contractor Selection	TBD
Planning	5/10/18
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement

ABOR Project Type

KEY STAKEHOLDERS

Occupants	Advising
User Reps	Terri Hayes
NAU PM	Taryn Williams
Design Professional	In House
MEP Engineer	N/A
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	N/A
Contractor	TBD
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL \$0

FUNDING SOURCES

	\$0
	\$0
	\$0
	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$0
Design	\$0
FF and E	\$0
PM Fee	\$0
Other Fees	\$0
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- *
- *
- *

09.0510.182 — Babbitt Provost Office Reconfigure



PROJECT SCOPE

Split existing office into two "right size" offices. Minor construction to take place to remove unnecessary storage and provide access to one of the offices. All other furniture and office layout will remaining the same.

TIMELINE

DP Selection	N/A
Contractor Selection	N/A
Planning	06/25/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement PO

ABOR Project Type

KEY STAKEHOLDERS

Occupants	Provost Team
User Reps	Provost Office
NAU PM	Taryn Williams
Design Professional	N/A
MEP Engineer	N/A
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	PO
Contractor	In House
Plumbing Sub	N/A
Mechanical Sub	In House
Fire Protection Sub	In House
Electrical Sub	In House

BUDGET

TOTAL \$57,700

FUNDING SOURCES

	\$0
	\$0
	\$0
	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$22
Design	\$0
FF and E	\$31,240
PM Fee	\$4,274
Other Fees	\$0
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

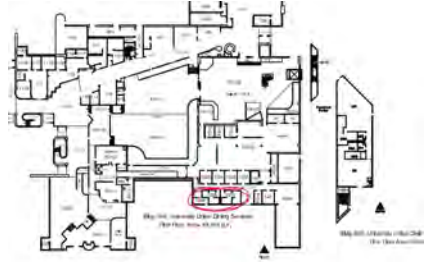
GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- *
- *
- *

09.0302.181 — Hot Spot Employee Restroom Remodel



PROJECT SCOPE

Men's and Women's locker/restroom renovation with new high durability fixtures and finishes.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	07/09/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement

ABOR Project Type

KEY STAKEHOLDERS

Occupants	N/A
User Reps	TC Eberly
NAU PM	Taryn Williams
Design Professional	Sustamante/Kelly Collaborative
MEP Engineer	IMEG
Landscape Architect	TBD
Structural Engineer	TBD
Delivery Method	Task Order
Contractor	TBD
Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD
Electrical Sub	TBD

BUDGET

TOTAL \$0

FUNDING SOURCES

Occupants	\$0
User Reps	\$0
NAU PM	\$0
Design Professional	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$0
Design	\$0
FF and E	\$0
PM Fee	\$0
Other Fees	\$0
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- *
- *
- *

09.0160.191 — Media Innovation Center Renovation

PROJECT SCOPE

Renovation of Media Innovation Center, including break room, editing areas, master control room and hallways.



TIMELINE

DP Selection	N/A
Contractor Selection	N/A
Planning	07/16/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement

ABOR Project Type

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Brian Rackham
NAU PM	Taryn Williams
Design Professional	In House
MEP Engineer	NA
Landscape Architect	NA
Structural Engineer	N/A
Delivery Method	TBD
Contractor	TBD
Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD
Electrical Sub	TBD

BUDGET

TOTAL \$0

FUNDING SOURCES

	\$0
	\$0
	\$0
	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$0
Design	\$0
FF and E	\$0
PM Fee	\$0
Other Fees	\$0
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- *
- *
- *

09.0330.191 — HRM Room 108D Classroom Creation



PROJECT SCOPE

This proposal is to convert an under-utilized conference space into a technology equipped classroom with capacity for 30 students. This will be designed to be a flexible learning environment.

TIMELINE

DP Selection	N/A
Contractor Selection	N/A
Planning	8/1/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement	PO
ABOR Project Type	

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Roger Bounds
NAU PM	Taryn Williams
Design Professional	TBD
MEP Engineer	TBD
Landscape Architect	TBD
Structural Engineer	TBD
Delivery Method	TBD
Contractor	TBD
Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD
Electrical Sub	TBD

BUDGET

TOTAL \$25,000

FUNDING SOURCES

	\$0
	\$0
	\$0
	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$0
Design	\$0
FF and E	\$23,082
PM Fee	\$1,852
Other Fees	\$66
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

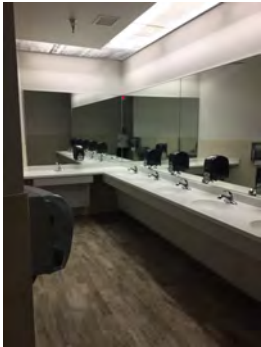
GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- *
- *
- *

09.0301.171 — University Union Remodel



PROJECT SCOPE

This remodel is a two phase project. The first phase amounting to a \$450,000 remodel of the first and second floor restrooms. The restrooms are now accessible and modernized. The second phase will cover 20,250 square feet and includes remove the existing wood wainscoting, replacing with drywall, the replacement of the flooring in the main hallways of both the first and second floors as well as the stairs. Completion of this project will bring an entire aesthetic upgrade to the public areas of the Union, refreshed paint, new ceiling tile, updated lounge furniture and accent walls.

Procurement	JOC
ABOR Project Type	CAX

KEY STAKEHOLDERS

Occupants	Students and Faculty
User Reps	TC Eberly
NAU PM	Taryn Williams
Design Professional	Lightvox Studio
MEP Engineer	N/A
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	JOC
Contractor	Core Construction
Plumbing Sub	IMCOR
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	NJ Shaum

BUDGET

TOTAL \$2,400,000

FUNDING SOURCES

Union Operations \$466,900

ESTIMATED BUDGET BREAKDOWN

Construction	\$1,533,657
Design	\$40,000
FF and E	\$100,000
PM Fee	\$48,962
Other Fees	\$7,381
Construction \$/GSF	\$8
Total Project \$/GSF	\$12

TIMELINE

DP Selection	N/A
Contractor Selection	9/20/2016
Planning	9/1/2016
CPA Approved	2/21/2016
Programming	N/A
Schematic Design	N/A
100% Design Docs	N/A
Construction Docs	N/A
Construction	10/20/2017
Substantial Completion	3/16/2018
Final Completion	5/4/2018

AREA DATA

GSF 202,500

ASF

Efficiency Ratio

CHALLENGES

Current challenges for this project:

- * Updated Budget for Phase 2
- * Phase 2 Schedule TBD
- * Ceiling Issues

09.0002.175 — Provost Instructional Holding Account 2017



PROJECT SCOPE

This holding account will set aside funds for projects providing various upgrades for student spaces and classrooms across campus for FY 2017.

TIMELINE

DP Selection	N/A
Contractor Selection	N/A
Planning	N/A
CPA Approved	5/15/2017
Programming	N/A
Schematic Design	N/A
100% Design Docs	N/A
Construction Docs	N/A
Construction	N/A
Substantial Completion	N/A
Final Completion	N/A

Procurement	N/A
ABOR Project Type	CAS

BUDGET

TOTAL \$0

FUNDING SOURCES

	\$0
	\$0
	\$0
	\$0

KEY STAKEHOLDERS

Occupants	N/A - holding account
User Reps	Roger Bounds
NAU PM	Taryn Williams
Design Professional	In House
MEP Engineer	N/A
Landscape Architect	
Structural Engineer	N/A
Delivery Method	N/A
Contractor	N/A
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

ESTIMATED BUDGET BREAKDOWN

Construction	\$0
Design	\$0
FF and E	\$0
PM Fee	\$0
Other Fees	\$0
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- * Determining consistent spending standards
- *
- *

09.880.191 — WETTAW LOBBY RENOVATION



PROJECT SCOPE

Design the Wettaw lobby to have technology and furniture conducive for collaboration.

TIMELINE

- DP Selection
- Contractor Selection
- Planning
- CPA Approved
- Programming
- Schematic Design
- 100% Design Docs
- Construction Docs
- Construction
- Substantial Completion
- Final Completion

Procurement

ABOR Project Type

KEY STAKEHOLDERS

- Occupants** Students and Staff
- User Reps**
- NAU PM** Taryn Williams
- Design Professional** In House

- MEP Engineer**
- Landscape Architect**
- Structural Engineer**
- Delivery Method**
- Contractor**
- Plumbing Sub**
- Mechanical Sub**
- Fire Protection Sub**
- Electrical Sub**

BUDGET

TOTAL \$0

FUNDING SOURCES

- \$0
- \$0
- \$0
- \$0

ESTIMATED BUDGET BREAKDOWN

- Construction** \$0
- Design** \$0
- FF and E** \$0
- PM Fee** \$0
- Other Fees** \$0
- Construction \$/GSF** N/A
- Total Project \$/GSF** N/A

AREA DATA

- GSF** 0
- ASF** 0
- Efficiency Ratio** N/A

CHALLENGES

Current challenges for this project:

- *
- *
- *

09.0981.191 — PD Space Expansion

PROJECT SCOPE

Remodel OD to allow for more evidence storage (CALEA Accreditation sensitivity and requirements) and office space for addition of new positions.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	08/21/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement

ABOR Project Type

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Kelli Smith
NAU PM	Taryn Williams
Design Professional	TBD
MEP Engineer	TBD
Landscape Architect	TBD
Structural Engineer	TBD
Delivery Method	TBD
Contractor	TBD
Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD
Electrical Sub	TBD

BUDGET

TOTAL \$0

FUNDING SOURCES

	\$0
	\$0
	\$0
	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$0
Design	\$0
FF and E	\$0
PM Fee	\$0
Other Fees	\$0
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

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09.0270.191 — Eastburn Education First Floor Carpet



PROJECT SCOPE

Provide new flooring for the hallways of the Eastburn building and create a homogenous aesthetic for the department.

TIMELINE

DP Selection	N/A
Contractor Selection	N/A
Planning	12/19/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement PO

ABOR Project Type

KEY STAKEHOLDERS

Occupants N/A

User Reps Garrett Ellsworth

NAU PM Taryn Williams

Design Professional In House

MEP Engineer NA

Landscape Architect N/A

Structural Engineer N/A

Delivery Method TBD

Contractor N/A

Plumbing Sub NA

Mechanical Sub NA

Fire Protection Sub NA

Electrical Sub NA

BUDGET

TOTAL \$0

FUNDING SOURCES

\$0

\$0

\$0

\$0

ESTIMATED BUDGET BREAKDOWN

Construction \$0

Design \$0

FF and E \$0

PM Fee \$0

Other Fees \$0

Construction \$/GSF N/A *

Total Project \$/GSF N/A *

AREA DATA

GSF 0

ASF 0

Efficiency Ratio N/A

CHALLENGES

Current challenges for this project:

*

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09.0330.192 — HRM Building Updates for Hotel Program



PROJECT SCOPE

Assess Hotel and Restaurant Management building. Currently the design supports and encourages the “restaurant purpose” of the program but does not demonstrate the “hotel purpose”. This project will reallocate space throughout the building to better utilize available square footage as well as support the hotel “face” of the program.

TIMELINE

DP Selection	12/1/2018
Contractor Selection	TBD
Planning	11/13/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement

ABOR Project Type

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Eric Yordy
NAU PM	Taryn Williams
Design Professional	Gould Evans Associates
MEP Engineer	TBD
Landscape Architect	N/A
Structural Engineer	TBD
Delivery Method	TBD
Contractor	In House
Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD
Electrical Sub	TBD

BUDGET

TOTAL \$0

FUNDING SOURCES

	\$0
	\$0
	\$0
	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$0
Design	\$0
FF and E	\$0
PM Fee	\$0
Other Fees	\$0
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- *
- *
- *

09.0160.192 — Communication Room 112 VR Collaboration Space

PROJECT SCOPE

Build new 1500 sq ft Virtual and Augmented Reality Lab as a resource for University wide research and educational technology projects.



TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	11/20/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement

ABOR Project Type

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Giovanni Castillo
NAU PM	Taryn Williams
Design Professional	TBD
MEP Engineer	TBD
Landscape Architect	TBD
Structural Engineer	TBD
Delivery Method	TBD
Contractor	TBD
Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD
Electrical Sub	TBD

BUDGET

TOTAL \$0

FUNDING SOURCES

	\$0
	\$0
	\$0
	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$0
Design	\$0
FF and E	\$0
PM Fee	\$0
Other Fees	\$0
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- *
- *
- *

09.0002.199 — FY19 Classroom Holding Account

PROJECT SCOPE

FY19 Classroom Holding Account

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	12/19/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement

ABOR Project Type

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Brian Levin-Stankevich
NAU PM	Taryn Williams
Design Professional	TBD
MEP Engineer	TBD
Landscape Architect	TBD
Structural Engineer	TBD
Delivery Method	TBD
Contractor	TBD
Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD
Electrical Sub	TBD

BUDGET

TOTAL \$1,000,000

FUNDING SOURCES

	\$0
	\$0
	\$0
	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$0
Design	\$0
FF and E	\$0
PM Fee	\$0
Other Fees	\$0
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

*
*
*

09.0072.191 — Humphreys Office Building Renovation



PROJECT SCOPE

This project will cover upgrades for this 2,177 square foot building. Funding will cover new flooring, minor construction to upgrade the space, add doors to the restrooms, resized counter space and cabinetry, fix electrical and ceilings as needed and a new coat of interior paint. No new furniture is included, but the relocation of existing, reused furniture is part of the funding request. This building will then be ready for occupancy.

TIMELINE

DP Selection	N/A
Contractor Selection	N/A
Planning	1/7/2019
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement	PO
ABOR Project Type	

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Dr. Okoli
NAU PM	Taryn Williams
Design Professional	In House
MEP Engineer	NA
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	TBD
Contractor	In House
Plumbing Sub	In House
Mechanical Sub	In House
Fire Protection Sub	In House
Electrical Sub	In House

BUDGET

TOTAL \$0

FUNDING SOURCES

	\$0
	\$0
	\$0
	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$0
Design	\$0
FF and E	\$0
PM Fee	\$0
Other Fees	\$0
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

*
*
*

09.0240.191 — North Plant Office 137 Renovation



PROJECT SCOPE

The scope will include construction, new storefront, one office, heater modifications, new ceiling grid and flooring.

TIMELINE

DP Selection	N/A
Contractor Selection	N/A
Planning	1/16/2019
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement	PO
ABOR Project Type	

BUDGET

TOTAL \$67,000

FUNDING SOURCES

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Jon Heitzinger
NAU PM	Taryn Williams
Design Professional	In House
MEP Engineer	In House
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	TBD
Contractor	In House
Plumbing Sub	In House
Mechanical Sub	In House
Fire Protection Sub	In House
Electrical Sub	In House

ESTIMATED BUDGET BREAKDOWN

Construction	\$0
Design	\$0
FF and E	\$0
PM Fee	\$0
Other Fees	\$0
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- *
- *
- *

09.0301.191 — University Union Retail Dining Renovation



PROJECT SCOPE

Remodel of the existing Denny's and Basone's Deli dining location to a shell space appropriate for build-out of a new dining concept.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	1/31/2019
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement

ABOR Project Type

KEY STAKEHOLDERS

Occupants	N/A
User Reps	TC Eberly
NAU PM	Taryn Williams
Design Professional	TBD
MEP Engineer	TBD
Landscape Architect	TBD
Structural Engineer	TBD
Delivery Method	TBD
Contractor	TBD
Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD
Electrical Sub	TBD

BUDGET

TOTAL \$0

FUNDING SOURCES

	\$0
	\$0
	\$0
	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$0
Design	\$0
FF and E	\$0
PM Fee	\$0
Other Fees	\$0
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- *
- *
- *

09.0890.191 — Fountaine House Renovation



PROJECT SCOPE

Remodel/renovate house to be conducive to living standard. Update electrical, fix shoddy workmanship and all hazardous installations. Upgrade finishes, fix trip hazards, support flooring, repaint, clean and eliminate pet odor and remove “handy-man” add-ons.

TIMELINE

DP Selection	N/A
Contractor Selection	N/A
Planning	01/31/2019
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement	PO
ABOR Project Type	

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Dr. Okoli
NAU PM	Taryn Williams
Design Professional	In House
MEP Engineer	NA
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	TBD
Contractor	In House
Plumbing Sub	In House
Mechanical Sub	In House
Fire Protection Sub	TBD
Electrical Sub	In House

BUDGET

TOTAL \$0

FUNDING SOURCES

	\$0
	\$0
	\$0
	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$0
Design	\$0
FF and E	\$0
PM Fee	\$0
Other Fees	\$0
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- *
- *
- *

09.0260.193 — Adel Apartment Interior Redesign



PROJECT SCOPE

Remodel apartment to be a clean and comfortable living space.
Replace flooring, abate, add washer and dryer unit, provide new FF&E.

TIMELINE

DP Selection	N/A
Contractor Selection	TBD
Planning	2/5/19
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement	PO
ABOR Project Type	

BUDGET

TOTAL \$0

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Dr. Okoli
NAU PM	Taryn Williams
Design Professional	In House
MEP Engineer	TBD
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	TBD
Contractor	TBD
Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD
Electrical Sub	TBD

FUNDING SOURCES

	\$0
	\$0
	\$0
	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$0
Design	\$0
FF and E	\$0
PM Fee	\$0
Other Fees	\$0
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- *
- *
- *

**PAUL
DUFEEK**

09.0170.183 — Science Lab Ultra-Clean Room 218



PROJECT SCOPE

Build ultra-clean room for isotope analysis sample preparation by partitioning existing clean lab space allocated to new ICPMS lab in building 17. Initial meetings identified two different strategies, estimated project cost forwarded to Users. CPA will now combine both Cleanroom and AMS (new) tool install in 218. Final room layout of AMS and cleanroom pending.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	03/29/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement

ABOR Project Type

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Nancy Johnson
NAU PM	Paul Dufek
Design Professional	DLR Group
MEP Engineer	N/A
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	
Contractor	N/A
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL \$300,000

FUNDING SOURCES

ESTIMATED BUDGET BREAKDOWN

Construction	\$0
Design	\$0
FF and E	\$0
PM Fee	\$0
Other Fees	\$0
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- *
- *
- *

11.0010.182 — Campus-Wide Exterior Lighting Analysis



PROJECT SCOPE

Exterior Lighting Analysis: Phillips is the last manufacturer of low pressure sodium bulbs. They have announced that they will take their last orders of LPS in July of 2019. Additionally, there have been discussions that the president wants to lower the lighting heights. We need a designer to evaluate changing the lights to LED and the additional locations required if we lower the light heights. PDC and ITS will explore complementary IoT technologies that may use the poles as platforms.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	11/1/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement ARQ
ABOR Project Type

KEY STAKEHOLDERS

Occupants	N/A
User Reps	
NAU PM	Paul Dufek
Design Professional	Kimley-Horn
MEP Engineer	N/A
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	
Contractor	TBD
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL \$130,000

FUNDING SOURCES

	\$0
	\$0
	\$0
	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$0
Design	\$0
FF and E	\$0
PM Fee	\$0
Other Fees	\$0
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

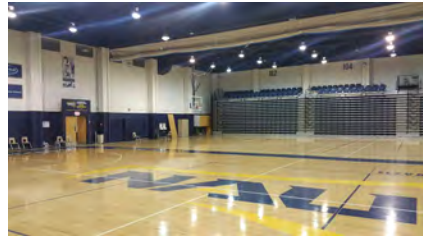
GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- * LED Fixture Selection
- * Dark Sky compliance
- * Photometrics with reduced pole height

09.0680.181 — Rolle Locker Room Addition



PROJECT SCOPE

Additional locker room for women's basketball needs to be established in Rolle. Currently there is a men's locker room (used by both basketball teams at times), a women's volleyball locker room, a men's public locker room and a women's public locker room. Final scope pending funding availability (FLS work required at minimum, additional scope TBD). Decision by Administration and Athletics on scope funding pending.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	3/30/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement

ABOR Project Type

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Beth Vechinski
NAU PM	Paul Dufek
Design Professional	TBD
MEP Engineer	N/A
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	
Contractor	TBD
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL \$0

FUNDING SOURCES

	\$0
	\$0
	\$0
	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$0
Design	\$0
FF and E	\$0
PM Fee	\$0
Other Fees	\$0
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- *
- *
- *

08.0070.181 — South Recreation Fields Turf Replacement



PROJECT SCOPE

Replacement of upper and lower artificial turf fields on south campus. Possible civil work to be completed to mitigate past settling and subgrade repair. Project near complete.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	3/9/2018
CPA Approved	4/23/2018
Programming	N/A
Schematic Design	N/A
100% Design Docs	N/A
Construction Docs	N/A
Construction	9/14/2018
Substantial Completion	11/5/2018
Final Completion	11/8/2018

Procurement PO

ABOR Project Type

KEY STAKEHOLDERS

Occupants	N/A
User Reps	TC Eberly
NAU PM	Paul Dufek
Design Professional	TBD
MEP Engineer	N/A
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	
Contractor	Hellas Construction
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL \$1,534,872

FUNDING SOURCES

\$1,534,872

\$0

\$0

\$0

ESTIMATED BUDGET BREAKDOWN

Construction \$1,412,842

Design \$0

FF and E \$0

PM Fee \$113,694

Other Fees \$8,336

Construction \$/GSF \$5

Total Project \$/GSF \$6

AREA DATA

GSF	266,532
ASF	266,532
Efficiency Ratio	100.00%

CHALLENGES

Current challenges for this project:

* Closeout

*

*

09.0240.181 — North Plant North Node HVAC Upgrades



PROJECT SCOPE

Engineer and implement solution to provide industry standard cooling equipment to computing/telecom areas. Feasibility only (currently). CPA SUBMITTED FOR APPROVAL.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	N/A
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement

ABOR Project Type

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Brett West
NAU PM	Paul Dufek
Design Professional	Barnabas Kane & Associates
MEP Engineer	TBD
Landscape Architect	TBD
Structural Engineer	N/A
Delivery Method	
Contractor	TBD
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL \$9,800

FUNDING SOURCES

	\$0
	\$0
	\$0
	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$0
Design	\$0
FF and E	\$0
PM Fee	\$0
Other Fees	\$0
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

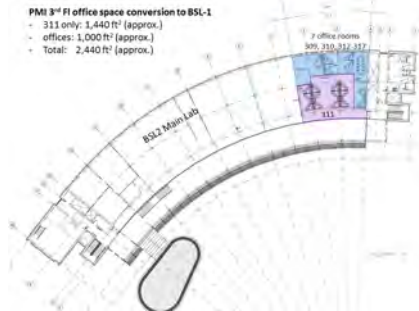
AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

- Current challenges for this project:**
- * Feasibility to confirm chilled water supply capacity
 - *
 - *

09.0560.182 — AR&D Third Floor Office to BSL1 Conversion



PROJECT SCOPE

Convert a portion of the third floor into lab space. Scope includes tying into existing lab waste system for sing/eyewasy station, modifying location of floor vents, replacing carpet tile with lab/corridor RAF/tile, additional electrical outlets to support -80 freezers (# TBD), and casework. Estimated cost provided to Users for funding discussion with Administration.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	5/14/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement

ABOR Project Type

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Debbie Martin
NAU PM	Paul Dufek
Design Professional	TBD
MEP Engineer	N/A
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	N/A
Contractor	TBD
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL \$150,000

FUNDING SOURCES

	\$0
	\$0
	\$0
	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$58,260
Design	\$10,753
FF and E	\$61,864
PM Fee	\$11,111
Other Fees	\$8,017
Construction \$/GSF	\$40
Total Project \$/GSF	\$104

AREA DATA

GSF	1,440
ASF	1,440
Efficiency Ratio	100.00%

CHALLENGES

Current challenges for this project:

- * Raised Access Floor under BSL1 lab
- * Personnel moves
- *

09.0170.164 — Science Lab Room 203 Renovation



PROJECT SCOPE

This project converts SLF Rm 203 into an unclassified clean room removing as much metal as possible, installing two new non-metallic ductless hoods, one non-metallic chemical hood, and three laminar flow hoods. Equipment residing in room 218 will be relocated into a modified room 214 with all necessary utility hookups. Lastly this project modifies room 218 to accept a new mass spectrometer including modified lab benches and utility hookups. New hoods installed & certified, room ready for occupancy 8/21/18. Final purchases by User pending.

Procurement	JOC
ABOR Project Type	CAS

KEY STAKEHOLDERS

Occupants	Geology
User Reps	Mary Reid
NAU PM	Paul Dufek
Design Professional	Taylor Rymar/IMEG
MEP Engineer	Taylor Rymar/IMEG
Landscape Architect	Not Applicable
Structural Engineer	N/A
Delivery Method	JOC
Contractor	SDB Construction
Plumbing Sub	Dial Mechanical
Mechanical Sub	IMCOR
Fire Protection Sub	Titan FP
Electrical Sub	NEC

BUDGET

TOTAL \$499,983

FUNDING SOURCES

Research \$499,983

ESTIMATED BUDGET BREAKDOWN

Construction	\$381,500
Design	\$57,680
FF and E	\$16,600
PM Fee	\$14,563
Other Fees	\$29,640
Construction \$/GSF	\$109
Total Project \$/GSF	\$143

TIMELINE

DP Selection	11/9/2015
Contractor Selection	7/12/2016
Planning	8/13/2015
CPA Approved	12/14/2015
Programming	12/14/2015
Schematic Design	5/6/2016
100% Design Docs	5/25/2016
Construction Docs	6/28/2016
Construction	8/12/2016
Substantial Completion	9/29/2017
Final Completion	TBD

AREA DATA

GSF	3,503
ASF	376
Efficiency Ratio	10.73%

CHALLENGES

Current challenges for this project:

- * Final User Equipment selections
- *
- *

08.0030.173 — Parking & Shuttle Services Concrete 2017



PROJECT SCOPE

Project consists of renovating four separate bus stop locations. Two locations along Knoles Drive incorporate improved accessible access and modified bus shelters. Two locations along Pine Knoll Drive include lengthening the bus pullouts, increasing accessibility, and installing two shelters at each location (ILO one that is currently at each). The project also includes installation of an accessible path from the westbound location all the way to the duBois Center where currently no accessible path exists. Landscaping complete, in closeout.

TIMELINE

DP Selection	11/28/2016
Contractor Selection	3/7/2017
Planning	7/1/2016
CPA Approved	1/12/2017
Programming	N/A
Schematic Design	N/A
100% Design Docs	6/14/2017
Construction Docs	7/1/2017
Construction	7/11/2017
Substantial Completion	10/20/2017
Final Completion	10/31/2017

Procurement	JOC
ABOR Project Type	CAX

BUDGET

TOTAL \$985,463

FUNDING SOURCES

Parking & Shuttle \$985,463

KEY STAKEHOLDERS

Occupants	Shuttle Services
User Reps	Erin Stam
NAU PM	Paul Dufek
Design Professional	WLB Group
MEP Engineer	N/A
Landscape Architect	WLB Group
Structural Engineer	N/A
Delivery Method	JOC
Contractor	Kinney Construction Services
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

ESTIMATED BUDGET BREAKDOWN

Construction	\$881,624
Design	\$58,509
FF and E	\$1,000
PM Fee	\$28,703
Other Fees	\$44,330
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- *
- *
- *

08.0030.174 — Concrete 2017



PROJECT SCOPE

This project replaces failing and inaccessible concrete sidewalks at the North Quad between Prochnow Auditorium and Ashurst along the east side of Knoles Drive. Included are new accessible concrete paths, a rebuilt flagpole, and landscaping upgrades. Minor landscaping complete, in closeout.

TIMELINE

DP Selection	11/28/2016
Contractor Selection	3/7/2017
Planning	2017
CPA Approved	7/7/2017
Programming	N/A
Schematic Design	N/A
100% Design Docs	3/29/2017
Construction Docs	4/17/2017
Construction	6/16/2017
Substantial Completion	9/22/2017
Final Completion	11/4/2017

Procurement	JOC
ABOR Project Type	CIN

KEY STAKEHOLDERS

Occupants	Campus-wide
User Reps	Dan Okoli
NAU PM	Paul Dufek
Design Professional	Peak Engineering
MEP Engineer	N/A
Landscape Architect	Peak Engineering
Structural Engineer	Hubbard Merrell
Delivery Method	JOC
Contractor	Kinney Construction Services
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL \$650,000

FUNDING SOURCES

Admin OH \$650,000

ESTIMATED BUDGET BREAKDOWN

Construction \$550,000

Design \$59,000

FF and E \$1,200

PM Fee \$18,932

Other Fees \$39,800

Construction \$/GSF N/A

Total Project \$/GSF N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- * North Quad is a busy space; need much coordination
- *
- *

11.0020.161 — Multi-Building Energy Assessments



PROJECT SCOPE

This project consists of energy assessments of eight buildings by four engineering firms. These include Babbitt Administration, North Plant, South Plant, Forestry, SBS, SBS West, Health Professions, and the Skydome. The assessments provide a baseline of building energy consumption, a summary of assumptions entered into the building models, scope of potential projects based on 5, 10, 15, & 20 year paybacks, and a list of building issues that may negatively impact the potential projects. Report received, under review by NAU.

Procurement	RFP
ABOR Project Type	CAX

KEY STAKEHOLDERS

Occupants	Campus-wide
User Reps	Jon Heitzinger
NAU PM	Paul Dufek
Design Professional	ctrum, KJWW, RGV, &Stanley
MEP Engineer	All
Landscape Architect	Not Applicable
Structural Engineer	N/A
Delivery Method	ARQ
Contractor	Not Applicable
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET	
TOTAL	\$358,892

FUNDING SOURCES

Admin OH	\$358,892
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ESTIMATED BUDGET BREAKDOWN

Construction	\$0
Design	\$341,895
FF and E	\$0
PM Fee	\$10,453
Other Fees	\$16,997
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

TIMELINE

DP Selection	3/14/2016
Contractor Selection	N/A
Planning	4/2016
CPA Approved	8/4/2016
Programming	10/31/2016
Schematic Design	N/A
100% Design Docs	N/A
Construction Docs	N/A
Construction	N/A
Substantial Completion	TBD
Final Completion	4/30/2018

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

* NAU providing meter data to DP

*

*

09.0160.181 — Communications KAET Antenna Mount



PROJECT SCOPE

Design and install antenna mounting bracket for ASU radio station KAET in partnership with NAU. MOU WITH ASU IN PROGRESS TO ALLOW FUNDING.

TIMELINE

DP Selection	8/29/2017
Contractor Selection	TBD
Planning	August 2016
CPA Approved	TBD
Programming	N/A
Schematic Design	N/A
100% Design Docs	N/A
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement	TBD
ABOR Project Type	TBD

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Karl Voss - ASU
NAU PM	Paul Dufek
Design Professional	Hubbard Merrell
MEP Engineer	N/A
Landscape Architect	
Structural Engineer	Hubbard Merrell
Delivery Method	TBD
Contractor	TBD
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL	\$0
FUNDING SOURCES	
ASU TBD	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$0
Design	\$0
FF and E	\$0
PM Fee	\$0
Other Fees	\$0
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

- Current challenges for this project:**
- * ASU Partnership & MOU Agreement
 - * Funding Approval across agencies
 - * Re-start after closing project

09.0360.111 — Science and Health Bldg



PROJECT SCOPE

New construction of 120,000 square foot building with instructional and research laboratories for biology and chemistry. The new building provides a 35% growth goal for Chemistry department. The building is designed to USGBC LEED Gold and incorporates sustainability concepts as well as innovative design to support the pedagogy of interdisciplinary teaching and research. Received final roof warranty from CM@R. Basement water intrusion work pending.

TIMELINE

DP Selection	1/1/2011
Contractor Selection	5/1/2011
Planning	12/1/2010
CPA Approved	5/20/2013
Programming	1/18/2012
Schematic Design	5/7/2012
100% Design Docs	4/12/2013
Construction Docs	8/5/2013
Construction	5/31/13
Substantial Completion	7/1/2015
Final Completion	TBD

Procurement	CMAR
ABOR Project Type	NAS

KEY STAKEHOLDERS

Occupants	Chemistry, Biology, CSTL
User Reps	Ed Civatello
NAU PM	Paul Dufek
Design Professional	GLHN/Richard + Bauer JV
MEP Engineer	GLHN Architects & Engineers
Landscape Architect	TB Kane
Structural Engineer	Rudow + Berry
Delivery Method	CMAR
Contractor	Mortenson Construction
Plumbing Sub	Dial Mechanical
Mechanical Sub	Midstate Mechanical
Fire Protection Sub	Copperstate
Electrical Sub	NJ Shaum

BUDGET

TOTAL	\$71,900,000
FUNDING SOURCES	
Bond	\$71,900,000

ESTIMATED BUDGET BREAKDOWN

Construction	\$50,357,000
Design	\$5,827,000
FF and E	\$2,934,000
PM Fee	\$2,094,000
Other Fees	\$1,688,000
Construction \$/GSF	\$416
Total Project \$/GSF	\$594

AREA DATA

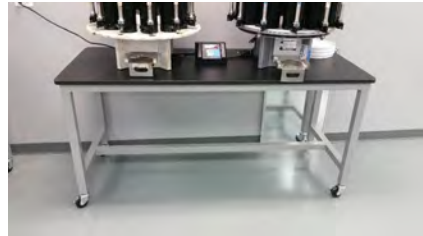
GSF	121,096
ASF	74,000
Efficiency Ratio	61.11%

CHALLENGES

Current challenges for this project:

- * Water infiltration
- * Project Closeout
- *

09.0560.192 — AR&D Rooms 327 - 330 BSL3 Refresh



PROJECT SCOPE

Renovations to keep BSL-3 Facility in compliance with federal regulations and expand BSL-3 research capacity. Final scope to be determined, but may include R&R of benchtops, cabinets, flooring, and repainting walls. Rooms include 327-330. Currently in funding.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	09/14/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement

ABOR Project Type

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Amy Vogler
NAU PM	Paul Dufek
Design Professional	TBD
MEP Engineer	TBD
Landscape Architect	TBD
Structural Engineer	TBD
Delivery Method	TBD
Contractor	TBD
Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD
Electrical Sub	TBD

BUDGET

TOTAL \$0

FUNDING SOURCES

	\$0
	\$0
	\$0
	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$0
Design	\$0
FF and E	\$0
PM Fee	\$0
Other Fees	\$0
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- *
- *
- *

09.0002.197 — Knoles and Mountain View Structures Roof Covers



PROJECT SCOPE

Provide roof cover for top decks of Knoles and Mt. View garages. Second scope is to include fencing for all open area on all floors, plus fence on top deck of Knoles garage. CPA out for schematic design effort to validate early estimates on cost.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	11/01/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement

ABOR Project Type

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Erin Stam
NAU PM	Paul Dufek
Design Professional	TBD
MEP Engineer	TBD
Landscape Architect	TBD
Structural Engineer	TBD
Delivery Method	TBD
Contractor	TBD
Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD
Electrical Sub	TBD

BUDGET

TOTAL \$0

FUNDING SOURCES

\$0

\$0

\$0

\$0

ESTIMATED BUDGET BREAKDOWN

Construction \$0

Design \$0

FF and E \$0

PM Fee \$0

Other Fees \$0

Construction \$/GSF N/A *

Total Project \$/GSF N/A *

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

*

*

*

09.0350.191 — BOOKSTORE ATM EXTERIOR LIGHTING



PROJECT SCOPE

Assist BofA with lighting needs at ATM location at the SW corner of the NAU Bookstore. Lighting is exterior and needs to meet NAU and Dark Skies standards. Work to be completed by BofA contractor. Initial comments back to BofA, design revision pending.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	11/27/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement

ABOR Project Type

KEY STAKEHOLDERS

Occupants	BofA
User Reps	Jon Heitzinger
NAU PM	Paul Dufek
Design Professional	TBD
MEP Engineer	TBD
Landscape Architect	TBD
Structural Engineer	TBD
Delivery Method	TBD
Contractor	TBD
Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD
Electrical Sub	TBD

BUDGET

TOTAL \$0

FUNDING SOURCES

\$0

\$0

\$0

\$0

ESTIMATED BUDGET BREAKDOWN

Construction \$0

Design \$0

FF and E \$0

PM Fee \$0

Other Fees \$0

Construction \$/GSF N/A

Total Project \$/GSF N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

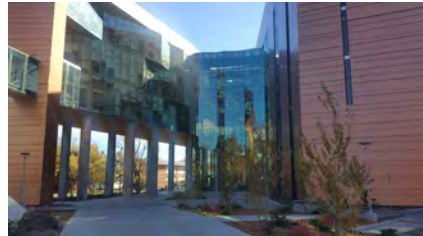
Current challenges for this project:

*

*

*

09.0360.191 — SHB Convert CSTL to Wet Labs



PROJECT SCOPE

Relocate Colorado Plateau Stable Isotope Lab to SHB when space becomes available. Planning stage.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	02/14/2019
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement

ABOR Project Type

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Dan Okoli
NAU PM	Paul Dufek
Design Professional	TBD
MEP Engineer	TBD
Landscape Architect	TBD
Structural Engineer	TBD
Delivery Method	TBD
Contractor	TBD
Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD
Electrical Sub	TBD

BUDGET

TOTAL \$0

FUNDING SOURCES

	\$0
	\$0
	\$0
	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$0
Design	\$0
FF and E	\$0
PM Fee	\$0
Other Fees	\$0
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- *
- *
- *

10.0040.191 — Steam Condensate Leak North Campus

PROJECT SCOPE

Repair leaking steam condensate pipe, inspect steam pipe for damage, repair all expansion joints as applicable, reinsulate condensate and steam pipe as need be, install backup vault sump pump and replace HCCC vault sump pump (which is operational, but near failing).

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	3/6/2019
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement

ABOR Project Type

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Jon Heitzinger
NAU PM	Paul Dufek
Design Professional	TBD
MEP Engineer	TBD
Landscape Architect	TBD
Structural Engineer	TBD
Delivery Method	TBD
Contractor	TBD
Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD
Electrical Sub	TBD

BUDGET

TOTAL \$0

FUNDING SOURCES

	\$0
	\$0
	\$0
	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$0
Design	\$0
FF and E	\$0
PM Fee	\$0
Other Fees	\$0
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- *
- *
- *

09.0480.191 — Reilly Hall Expansion Joint Repair

PROJECT SCOPE

Replace three hot water heating loop expansion joints in Reilly Hall's first floor west lobby adjacent to SW lobby doors. The work will require, at a minimum, the shutdown of the hot water heating loop to one side the west wing of Reilly Hall, all floors. After expansion joints are replaced, ceiling repairs will be required to the existing T-Grid as well as replacing some ceiling tiles. Ductwork removal and reinstallation (for access to pipe) may also be necessary.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	3/20/2019
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement

ABOR Project Type

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Rich Payne
NAU PM	Paul Dufek
Design Professional	TBD
MEP Engineer	TBD
Landscape Architect	TBD
Structural Engineer	TBD
Delivery Method	TBD
Contractor	TBD
Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD
Electrical Sub	TBD

BUDGET

TOTAL \$0

FUNDING SOURCES

	\$0
	\$0
	\$0
	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$0
Design	\$0
FF and E	\$0
PM Fee	\$0
Other Fees	\$0
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- *
- *
- *

KELLY

DAVIS

09.0301.182 — University Union Sprinkler Head Replacement



PROJECT SCOPE

Upgrade fire sprinklers in the dining areas of the University Union.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	04/16/2018
CPA Approved	5/3/2018
Programming	N/A
Schematic Design	N/A
100% Design Docs	N/A
Construction Docs	N/A
Construction	8/10/2018
Substantial Completion	2/15/2019
Final Completion	3/15/2019

Procurement

ABOR Project Type

KEY STAKEHOLDERS

Occupants	N/A
User Reps	TC Eberly
NAU PM	Kelly Davis
Design Professional	TBD
MEP Engineer	N/A
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	JOC
Contractor	American Fire Equipment
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL \$65,500

FUNDING SOURCES

	\$0
	\$0
	\$0
	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$60,792
Design	\$0
FF and E	\$0
PM Fee	\$2,419
Other Fees	\$2,289
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- *
- *
- *

09.0730.182 — Skydome A/V Upgrades

PROJECT SCOPE

Video board replacement, LED install, sound system repair, and control room upgrades.



TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	6/6/18
CPA Approved	7/26/2018
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	10/26/2018
Final Completion	12/3/2018

Procurement

ABOR Project Type

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Uri Farkas
NAU PM	Kelly Davis
Design Professional	N/A
MEP Engineer	N/A
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	State Contracted
Contractor	Daktronics
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL \$2,920,000

FUNDING SOURCES

	\$0
	\$0
	\$0
	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$2,727,000
Design	\$82,058
FF and E	\$0
PM Fee	\$82,485
Other Fees	\$28,457
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- *
- *
- *

09.0870.151 — Sky View Apartments



PROJECT SCOPE

This is a third-party project by American Campus Communities to construct a 289,861 GSF/ 243,266 ASF complex comprising of a 626-bed residence hall with a parking structure and retail space. Estimated construction cost is \$45,000,000 and total project cost is unknown as it's third-party. ACC has a ground lease agreement with NAU to operate this facility, with the exception of a small eatery managed by NAU/Sodexo.

Procurement	Third Party
ABOR Project Type	Third Party

KEY STAKEHOLDERS

Occupants	ACC Residential
User Reps	Rich Payne
NAU PM	Kelly Davis
Design Professional	Todd & Associates, Inc.
MEP Engineer	NP Mechanical
Landscape Architect	Todd & Associates, Inc.
Structural Engineer	Caruso, Turley, Scott
Delivery Method	PPP
Contractor	Wespac Construction Inc.
Plumbing Sub	VDM
Mechanical Sub	Qualified
Fire Protection Sub	Arizona Verde
Electrical Sub	Delta Diversified

BUDGET

TOTAL \$45,000,000

FUNDING SOURCES

Third-Party \$45,000,000

ESTIMATED BUDGET BREAKDOWN

Construction	\$45,000,000
Design	\$0
FF and E	\$0
PM Fee	\$0
Other Fees	\$0
Construction \$/GSF	\$155
Total Project \$/GSF	\$155

TIMELINE

DP Selection	N/A
Contractor Selection	N/A
Planning	N/A
CPA Approved	N/A
Programming	N/A
Schematic Design	N/A
100% Design Docs	N/A
Construction Docs	12/11/2015
Construction	2/1/2016
Substantial Completion	8/6/2017
Final Completion	10/6/2017

AREA DATA

GSF	289,861
ASF	243,266
Efficiency Ratio	83.93%

CHALLENGES

Current challenges for this project:

- * Stabilization of McConnell Slope
- *
- *

09.0999.171 — Honors Community



PROJECT SCOPE

This is a third-party project by American Campus Communities (ACC) to construct a 185,000 GSF suite-style housing facility, with approximately 630 beds to serve first-year honors students. In addition, approximately 19,700 GSF will be constructed within the facility to serve core student support and academic needs of the Honors College. ACC has a ground lease agreement with NAU to operate the residential portion of this facility and NAU will manage the academic portion. Total project budget is \$57,840,000.

Procurement	Third Party
ABOR Project Type	Third Party

KEY STAKEHOLDERS

Occupants	ACC Residential
User Reps	Rich Payne
NAU PM	Kelly Davis
Design Professional	Todd & Associates, Inc.
MEP Engineer	GLHN Architects & Engineers
Landscape Architect	Todd & Associates, Inc.
Structural Engineer	Caruso, Turley, Scott
Delivery Method	PPP
Contractor	Hardison/Downey Construction Inc.
Plumbing Sub	IMCOR
Mechanical Sub	HACI
Fire Protection Sub	Arizona Verde
Electrical Sub	Delta Diversified

BUDGET

TOTAL \$57,840,000

FUNDING SOURCES

ACC \$57,840,000

ESTIMATED BUDGET BREAKDOWN

Construction	\$51,556,000
Design	\$2,000,000
FF and E	\$2,513,000
PM Fee	\$500,000
Other Fees	\$12,710,000
Construction \$/GSF	\$252
Total Project \$/GSF	\$283

TIMELINE

DP Selection	10/1/2016
Contractor Selection	10/1/2016
Planning	10/1/2016
CPA Approved	N/A
Programming	10/1/2016
Schematic Design	11/1/2016
100% Design Docs	12/13/2017
Construction Docs	3/22/2017
Construction	11/1/2016
Substantial Completion	8/10/2018
Final Completion	2/15/2019

AREA DATA

GSF	204,657
ASF	197,989
Efficiency Ratio	96.74%

CHALLENGES

- Current challenges for this project:**
- * contractor has been unable to get the meters to functi
 - *
 - *

09.0630.161 — South Dining Renovation



PROJECT SCOPE

This project will renovate the basement and first floor of the South Dining building, as well as the first floor of the adjoining DuBois Center to allow for expanded dining and student learning space. The total renovation will cover 50,759 square feet, which includes making the unexcavated dirt floor basement of the South Dining building useable space. Total project cost is estimated at \$22M which includes FF&E purchased by Dining. Total project cost managed by PD&C is \$19.25M.

TIMELINE

DP Selection	12/1/2015
Contractor Selection	12/10/2015
Planning	10/1/15 -12/11/15
CPA Approved	5/15/2017
Programming	12/11/2015
Schematic Design	1/29/2016
100% Design Docs	3/24/2016
Construction Docs	5/27/2016
Construction	6/13/2016
Substantial Completion	8/18/2017
Final Completion	2/15/2018

Procurement	CMAR
ABOR Project Type	CAX

KEY STAKEHOLDERS

Occupants	Dining (Sodexo)/LRC
User Reps	TC Eberly/ Erin Grisham
NAU PM	Kelly Davis
Design Professional	Meyer Borgman & Johnson
MEP Engineer	Smith Group JJR
Landscape Architect	Meyer Borgman & Johnson
Structural Engineer	PKA
Delivery Method	CMAR
Contractor	Okland Construction
Plumbing Sub	RKS
Mechanical Sub	Mid State
Fire Protection Sub	Foothills
Electrical Sub	Shaum

BUDGET

TOTAL	\$19,259,053
FUNDING SOURCES	
EMSA	\$1,080,000
BOND	\$14,000,000
Bridge Loan	\$4,170,000
2017 Plant Fund \$	\$9,053

ESTIMATED BUDGET BREAKDOWN

Construction	\$15,534,861
Design	\$1,907,819
FF and E	\$671,132
PM Fee	\$561,501
Other Fees	\$1,145,241
Construction \$/GSF	\$306
Total Project \$/GSF	\$379

AREA DATA

GSF	50,759
ASF	49,883
Efficiency Ratio	98.27%

CHALLENGES

Current challenges for this project:

- *
- *
- *

09.0640.172 — DuBois Basement Renovation for ITS



PROJECT SCOPE

This project converts and upgrades existing space in Building 64 (DuBois) basement in order for about 40 ITS employees to vacate their current space on the 3rd floor of Building 90 to make room for the expansion of the SICCS program (see project 09.900.172). Total space converted is estimated to be 4,491 ASF. The scope entailed upgrade of power and data to support this increase in occupancy and new furniture. Also included in the scope is the conversion of an air-handling unit that is currently only able to produce heat into a cooling unit only.

Procurement	JOC
ABOR Project Type	CAS

KEY STAKEHOLDERS

Occupants	ITS
User Reps	Chris Michaels
NAU PM	Kelly Davis
Design Professional	N/A
MEP Engineer	N/A
Landscape Architect	Not Applicable
Structural Engineer	N/A
Delivery Method	JOC
Contractor	Loven Contracting Inc.
Plumbing Sub	N/A
Mechanical Sub	Kinetics
Fire Protection Sub	TBD
Electrical Sub	NJ Shaum

BUDGET

TOTAL \$420,000

FUNDING SOURCES

UCA Admin Over \$420,000

ESTIMATED BUDGET BREAKDOWN

Construction	\$170,216
Design	\$0
FF and E	\$207,900
PM Fee	\$38,182
Other Fees	\$41,884
Construction \$/GSF	\$38
Total Project \$/GSF	\$94

TIMELINE

DP Selection	N/A
Contractor Selection	4/21/2017
Planning	4/1/2017
CPA Approved	8/3/2017
Programming	N/A
Schematic Design	N/A
100% Design Docs	N/A
Construction Docs	N/A
Construction	9/4/2018
Substantial Completion	1/20/2019
Final Completion	2/20/2019

AREA DATA

GSF	4,491
ASF	4,491
Efficiency Ratio	100.00%

CHALLENGES

Current challenges for this project:

- * Domino effect for LRC- CPA approved
- * N/A
- * N/A

08.0050.161 — ARD Landscaping



PROJECT SCOPE

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).

TIMELINE

DP Selection	12/11/2015
Contractor Selection	12/11/2015
Planning	12/1/2015
CPA Approved	1/25/2016
Programming	3/31/2016
Schematic Design	4/30/2016
100% Design Docs	
Construction Docs	7/1/2018
Construction	6/15/2018
Substantial Completion	10/28/2018
Final Completion	5/2/2019

Procurement	DP for ARQ
ABOR Project Type	CIN

KEY STAKEHOLDERS

Occupants	Campus
User Reps	Facility Services
NAU PM	Kelly Davis
Design Professional	WLB Group
MEP Engineer	IMEG
Landscape Architect	WLB Group
Structural Engineer	N/A
Delivery Method	JOC
Contractor	Kinney Construction Services
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	NJ Shaum

BUDGET

TOTAL \$1,052,000

FUNDING SOURCES

FY16 Plant Fund	\$8,807
Finance & Admin	\$126,889
Admin OH	\$916,304

ESTIMATED BUDGET BREAKDOWN

Construction	\$812,864
Design	\$185,855
FF and E	
PM Fee	\$30,642
Other Fees	\$22,639
Construction \$/GSF	\$19
Total Project \$/GSF	\$24

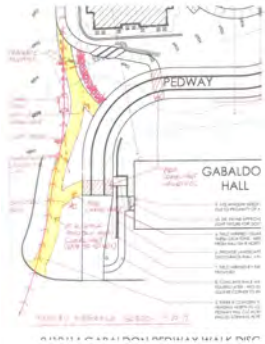
AREA DATA

GSF	43,560
ASF	0
Efficiency Ratio	0.00%

CHALLENGES

- Current challenges for this project:**
- * City of Flagstaff for Sign District revision
 - * N/A
 - * N/A

08.0030.181 — New Sidewalk Along Knoles Near Gabaldon Hall



PROJECT SCOPE

Design and construct a new sidewalk along Knoles near Gabaldon and new entrance pathway in the Gabaldon Circle.

TIMELINE

DP Selection	8/1/2017
Contractor Selection	TBD
Planning	TBD
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement

ABOR Project Type

KEY STAKEHOLDERS

Occupants	pedestrians
User Reps	Grounds
NAU PM	Kelly Davis
Design Professional	WLB Group
MEP Engineer	N/A
Landscape Architect	WLB Group
Structural Engineer	N/A
Delivery Method	ARQ
Contractor	TBD
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL

FUNDING SOURCES

ESTIMATED BUDGET BREAKDOWN

Construction	\$0
Design	\$0
FF and E	\$0
PM Fee	\$0
Other Fees	\$0
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

* early planning stage

*

*

13.0200.161 — Centennial Forest Field Station Cabins



PROJECT SCOPE

This project will plan out the building of 4-5 small cabins (<200 square feet) on the NAU Centennial Forest Field Campus to replace aging platform tents.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	TBD
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement

ABOR Project Type

KEY STAKEHOLDERS

Occupants	various
User Reps	Cheryl Miller
NAU PM	Kelly Davis
Design Professional	TBD
MEP Engineer	TBD
Landscape Architect	N/A
Structural Engineer	TBD
Delivery Method	TBD
Contractor	TBD
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL \$0

FUNDING SOURCES

\$0

\$0

\$0

\$0

ESTIMATED BUDGET BREAKDOWN

Construction \$0

Design \$0

FF and E \$0

PM Fee \$0

Other Fees \$0

Construction \$/GSF N/A

Total Project \$/GSF N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

* This project is in the early stages of development

*

*

09.0100.181 — Old Main Art Museum Security



PROJECT SCOPE

Scope: Upgrade the security system at Old Main and provide a secure perimeter for the museum and the storage areas on the lower level.
Justification: Current audible alarm, remote monitoring and surveillance systems for the Art Museum are deteriorating

TIMELINE

DP Selection	N/A
Contractor Selection	9/11/2017
Planning	N/A
CPA Approved	9/7/2017
Programming	N/A
Schematic Design	N/A
100% Design Docs	N/A
Construction Docs	N/A
Construction	05/15/2018
Substantial Completion	8/31/2018
Final Completion	9/28/2018

Procurement

ABOR Project Type

BUDGET

TOTAL \$65,500

KEY STAKEHOLDERS

Occupants	Old Main Art Museum
User Reps	Ty Miller
NAU PM	Kelly Davis
Design Professional	N/A
MEP Engineer	N/A
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	JOC
Contractor	Climatec LLC
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

FUNDING SOURCES

Local Account \$65,500

\$0

\$0

\$0

ESTIMATED BUDGET BREAKDOWN

Construction \$57,596

Design \$0

FF and E \$0

PM Fee \$4,852

Other Fees \$3,052

Construction \$/GSF N/A

Total Project \$/GSF N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- *
- *
- *

09.0200.181 — Science Annex Third and Fourth Floor Renovation

PROJECT SCOPE

The 3rd and 4th floors of Science Annex (formerly Chemistry) are currently not occupied due to numerous Building, Fire and ADA codes issues as well as general disrepair of major building components. The intent of this project is to bring those two floors into code compliance and general modernization. These two floors will be outfitted for open offices or tenant improvements as needed by future occupants.



EXTERIOR | NORTHEAST CORNER

Procurement	CMAR
ABOR Project Type	CAS

KEY STAKEHOLDERS

Occupants	TBD
User Reps	Dan Okoli
NAU PM	Kelly Davis
Design Professional	HDR
MEP Engineer	HDR
Landscape Architect	NA
Structural Engineer	MBJ
Delivery Method	CMAR
Contractor	McCarthy Building Company
Plumbing Sub	McCarthy
Mechanical Sub	McCarthy
Fire Protection Sub	Arizona Verde
Electrical Sub	Delta Diversified

BUDGET

TOTAL \$17,400,000

FUNDING SOURCES

State Allocations	\$10,600,000
Bond	\$1,067,723
University Central	\$5,732,277
	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$13,929,585
Design	\$1,111,824
FF and E	\$1,280,000
PM Fee	\$506,796
Other Fees	\$571,795
Construction \$/GSF	\$410
Total Project \$/GSF	\$512

TIMELINE

DP Selection	2/12/2018
Contractor Selection	2/19/2018
Planning	N/A
CPA Approved	2/6/2018
Programming	4/5/2018
Schematic Design	5/14/2018
100% Design Docs	7/9/2018
Construction Docs	8/23/2018
Construction	5/15/2018
Substantial Completion	5/1/2019
Final Completion	8/30/2019

AREA DATA

GSF	34,000
ASF	27,200
Efficiency Ratio	80.00%

CHALLENGES

Current challenges for this project:

- * disruption avoidance
- * displacement of current occupants over summer
- *

09.0860.131 — New Aquatic Center & Tennis Complex



PROJECT SCOPE

Design and construction of a new Aquatic Center and a Tennis Center (6 indoor courts) 122,000 sf total, new rec field and 6 outdoor courts.

TIMELINE

DP Selection	3/15/2013
Contractor Selection	3/15/2013
Planning	3/16/2013
CPA Approved	12/6/2013
Programming	5/17/2013
Schematic Design	6/19/2013
100% Design Docs	8/29/2013
Construction Docs	11/19/2013
Construction	4/7/2014
Substantial Completion	12/11/2015
Final Completion	6/10/2016

Procurement	CMAR
ABOR Project Type	

KEY STAKEHOLDERS

Occupants	Athletics
User Reps	Mike Marlow
NAU PM	Kelly Davis
Design Professional	ombs Dethlefs/Smith Architecs
MEP Engineer	Ballard Group
Landscape Architect	Norris Design
Structural Engineer	HMW
Delivery Method	CMAR
Contractor	Haydon Building Co.
Plumbing Sub	Tek Star
Mechanical Sub	Comfort Systems
Fire Protection Sub	
Electrical Sub	Echo Canyon

BUDGET

TOTAL \$47,479,498

FUNDING SOURCES

Bond 2009	\$869,237
Bond 2012	\$2,200,000
Bond 2014	\$44,410,261
	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$39,503,245
Design	\$3,297,355
FF and E	\$1,972,000
PM Fee	\$1,381,631
Other Fees	\$1,325,267
Construction \$/GSF	\$324
Total Project \$/GSF	\$389

AREA DATA

GSF	122,000
ASF	0
Efficiency Ratio	0.00%

CHALLENGES

Current challenges for this project:

- * outdoor courts to be re-coated in May
- *
- *

09.0221.181 — Multi-Discipline Academic/Research Stem Building



PROJECT SCOPE

This is the construction of a new 160 - 180 GSF building dedicated to multiple disciplines within the STEM programs, providing a highly collaborative environment and leveraging the diversity of those programs. A new multi-science building is needed to provide adequate space for departments that have increased enrollments over the last several years in order to maintain a high academic standard. The full programming of the building is yet to be determined. This building would be located at the site of an existing building, Peterson.

TIMELINE

DP Selection	1/31/2019
Contractor Selection	2/15/2019
Planning	2/25/2019
CPA Approved	4/30/2019
Programming	12/01/2019
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	6/1/2023
Final Completion	TBD

Procurement

ABOR Project Type

BUDGET

TOTAL \$130,000,000

KEY STAKEHOLDERS

Occupants	Research
User Reps	TBD
NAU PM	Kelly Davis
Design Professional	DFDG
MEP Engineer	TBD
Landscape Architect	TBD
Structural Engineer	TBD
Delivery Method	TBD
Contractor	TBD
Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD
Electrical Sub	TBD

FUNDING SOURCES

ESTIMATED BUDGET BREAKDOWN

Construction	\$0
Design	\$0
FF and E	\$0
PM Fee	\$0
Other Fees	\$0
Construction \$/GSF	\$0
Total Project \$/GSF	\$800

AREA DATA

GSF	162,500
ASF	0
Efficiency Ratio	0.00%

CHALLENGES

Current challenges for this project:

- * This project is in the very early stages of scope develo
- *
- *

09.0004.186 — University Union Emergency Egress Lighting



PROJECT SCOPE

The Union has been cited with a violation from the Fire Marshal for not having appropriate emergency egress lighting in place. This project will cover the design and implementation of that lighting system. The scope of this project will cover over 20,250 square feet and provide light to all public areas of the Union building.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	9/1/2017
CPA Approved	2/1/2018
Programming	N/A
Schematic Design	TBD
100% Design Docs	N/A
Construction Docs	8/10/2018
Construction	12/03/2018
Substantial Completion	1/11/2019
Final Completion	3/1/2019

Procurement	JOC
ABOR Project Type	CLS

KEY STAKEHOLDERS

Occupants	Students and Faculty
User Reps	TC Eberly
NAU PM	Kelly Davis
Design Professional	IMEG
MEP Engineer	IMEG
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	JOC
Contractor	Core Construction
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	TBD
Electrical Sub	Shaum

BUDGET

TOTAL \$194,000

FUNDING SOURCES

DM FY 18	\$97,000
University Union	\$97,000

ESTIMATED BUDGET BREAKDOWN

Construction	\$166,750
Design	\$8,855
FF and E	\$0
PM Fee	\$14,370
Other Fees	\$4,025
Construction \$/GSF	\$8
Total Project \$/GSF	\$10

AREA DATA

GSF	20,250
ASF	0
Efficiency Ratio	0.00%

CHALLENGES

Current challenges for this project:
*
* N/A
* N/A

09.0002.198 — Security at North and South Plants



PROJECT SCOPE

Add card readers to exterior doors and cameras at North and South Heating & Cooling Plants.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	12/06/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement

ABOR Project Type

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Joh Heitzinger
NAU PM	Kelly Davis
Design Professional	TBD
MEP Engineer	TBD
Landscape Architect	TBD
Structural Engineer	TBD
Delivery Method	TBD
Contractor	TBD
Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD
Electrical Sub	TBD

BUDGET

TOTAL \$0

FUNDING SOURCES

\$0

\$0

\$0

\$0

ESTIMATED BUDGET BREAKDOWN

Construction \$0

Design \$0

FF and E \$0

PM Fee \$0

Other Fees \$0

Construction \$/GSF N/A

Total Project \$/GSF N/A

AREA DATA

GSF 0

ASF 0

Efficiency Ratio N/A

CHALLENGES

Current challenges for this project:

* funding

*

*

10.0060.193 — HTHW Leak Repair near Rolle Activity Center



PROJECT SCOPE

Replace the failing high temperature hot water line, guides, slides, anchors and insulation to Rolle.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	3/20/2019
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement JOC

ABOR Project Type

KEY STAKEHOLDERS

Occupants Parking

User Reps Jon Heitzinger

NAU PM Kelly Davis

Design Professional TBD

MEP Engineer TBD

Landscape Architect TBD

Structural Engineer TBD

Delivery Method JOC

Contractor McCarthy Building Company

Plumbing Sub TBD

Mechanical Sub TBD

Fire Protection Sub TBD

Electrical Sub TBD

BUDGET

TOTAL \$0

FUNDING SOURCES

\$0

\$0

\$0

\$0

ESTIMATED BUDGET BREAKDOWN

Construction \$0

Design \$0

FF and E \$0

PM Fee \$0

Other Fees \$0

Construction \$/GSF N/A

Total Project \$/GSF N/A

AREA DATA

GSF 0

ASF 0

Efficiency Ratio N/A

CHALLENGES

Current challenges for this project:

* confirm delivery of pipe supports

* half of P45 is closed

*

ANDREW

IACONA

09.0170.182 — Science Lab Additional ECOSS Research Space



PROJECT SCOPE

This Project included the Installation of a DIRT Wall System separating the East half of the Science Lab Building #17's 3rd floor south atrium in order to accommodate a securable area that will create seven (7) new work stations utilizing 120 degree angle desktops in clusters supporting an open office concept. The DIRT wall was planned to be partial height (approx. 8-1/2' Tall) and has a privacy film applied to glass walls. Desktops included are adjustable height. In addition to the wall system and the work station furniture, this Project's Budget includes the cost to connect & install new Electrical outlets and Data outlets to support the work stations. IT and Electrical work to be

Procurement State Contract
ABOR Project Type PO

KEY STAKEHOLDERS

Occupants ECOSS Researchers
User Reps BRUCE HUNGATE
NAU PM Andrew Iacona
Design Professional N/A
MEP Engineer N/A
Landscape Architect N/A
Structural Engineer N/A
Delivery Method PO
Contractor N/A
Plumbing Sub NA
Mechanical Sub NA
Fire Protection Sub NA
Electrical Sub In-House

BUDGET

TOTAL \$49,200

FUNDING SOURCES

TRF FY19 \$49,200

ESTIMATED BUDGET BREAKDOWN

Construction \$0
Design \$0
FF and E \$33,993
PM Fee \$3,644
Other Fees \$11,563
Construction \$/GSF N/A
Total Project \$/GSF N/A

TIMELINE

DP Selection N/A
Contractor Selection N/A
Planning 1/31/2018
CPA Approved 6/12/2018
Programming N/A
Schematic Design N/A
100% Design Docs N/A
Construction Docs N/A
Construction 7/30/2018
Substantial Completion 8/13/2018
Final Completion 9/13/2018

AREA DATA

GSF 0
ASF 0
Efficiency Ratio N/A

CHALLENGES

Current challenges for this project:

- * Funding
- * Occupied Building
- * Material Lead Times

08.0020.183 — Asphalt 2018 Parking



PROJECT SCOPE

This project will provide funding for the annual campus-wide Parking lot maintenance and repair project. The lot selection and treatments will be proposed based on assessment performed by the consultant and parking services input & prioritization. The scope will likely include a mixed combination of asphalt treatments such as Sealcoats, Asphalt Patching, ADA Improvements, and Crack Fill similar to previous summers scope. Work is proposed to occur in P66 (partial), P64 (partial), P68, P47, P45, & P4.

Procurement DP for ARQ & JOC
ABOR Project Type CAX

KEY STAKEHOLDERS

Occupants N/A
User Reps Erin Stam
NAU PM Andrew Iacona
Design Professional Woodson Engineering
MEP Engineer N/A
Landscape Architect N/A
Structural Engineer N/A
Delivery Method JOC
Contractor RTR Paving & Resurfacing LLC
Plumbing Sub N/A
Mechanical Sub N/A
Fire Protection Sub N/A
Electrical Sub N/A

BUDGET

TOTAL \$800,000

FUNDING SOURCES

Parking & Shuttle \$800,000

ESTIMATED BUDGET BREAKDOWN

Construction \$647,850
Design \$78,750
FF and E \$0
PM Fee \$59,259
Other Fees \$14,141
Construction \$/GSF N/A
Total Project \$/GSF N/A

TIMELINE

DP Selection TBD
Contractor Selection TBD
Planning 2/5/2018
CPA Approved 2/27/2018
Programming N/A
Schematic Design N/A
100% Design Docs 4/11/2018
Construction Docs 4/27/2018
Construction 5/14/2018
Substantial Completion 8/17/2018
Final Completion 10/5/2018

AREA DATA

GSF 0
ASF 0
Efficiency Ratio N/A

CHALLENGES

Current challenges for this project:
* Traffic Control & Campus-Wide Notification
* Monsoons & Inclement Weather
* Construction Projects & Camps/Conf Use

09.0002.184 — Parking Structure Maintenance 2018



PROJECT SCOPE

This project provided funding for the annual Knoles, Mountain View, & San Francisco Parking Structures maintenance and repair project. The work included in this year's scope was based on previously identified maintenance and repair items that were included as part of a 5 Year maintenance plan identified in the Kimley Horn 2015 Parking Structure Condition Assessment. This year we also performed a reevaluation to the 5 year maintenance plan to address future maintenance scope and planning for the next 5 years since as of this summer we will have caught up with majority of the deficiency items.

TIMELINE

DP Selection	1/30/2018
Contractor Selection	1/30/2018
Planning	2/5/2018
CPA Approved	2/27/2018
Programming	3/2/2018
Schematic Design	N/A
100% Design Docs	4/23/2018
Construction Docs	5/4/2018
Construction	6/18/2018
Substantial Completion	8/24/2018
Final Completion	10/5/2018

Procurement	DP for ARQ & JOC
ABOR Project Type	CAX

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Erin Stam
NAU PM	Andrew Iacona
Design Professional	Kimley-Horn
MEP Engineer	Kimley-Horn
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	JOC
Contractor	Core Construction
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	TBD

BUDGET

TOTAL \$300,000

FUNDING SOURCES

Parking & Shuttle \$300,000

ESTIMATED BUDGET BREAKDOWN

Construction	\$229,950
Design	\$41,250
FF and E	\$0
PM Fee	\$22,222
Other Fees	\$6,578
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- * Summer Monsoons
- * Camps & Conferences
- * Traffic Control

08.0040.182 — Skydome Lower Practice Field



PROJECT SCOPE

This project will replace the existing natural grass Skydome lower practice field with a synthetic turf system. This project will also include underground infrastructure for padding, drainage, and future sport field lighting, in addition to security and access improvements. It will also consider other complementary hardscape improvements depending on code requirements and budget. Contract Award of RFP was recently delayed due to procurement issues. Design slated to start in March and construction work is slated to occur as early as April 2019.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	4/23/2018
CPA Approved	7/31/2018
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	5/1/2019
Substantial Completion	7/1/2019
Final Completion	8/1/2019

Procurement

ABOR Project Type

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Beth Vechinski
NAU PM	Andrew Iacona
Design Professional	Kimley-Horn
MEP Engineer	N/A
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	RFP
Contractor	Hellas Construction
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL	\$1,450,000
FUNDING SOURCES	
Athletics	\$1,450,000

ESTIMATED BUDGET BREAKDOWN

Construction	\$1,260,000
Design	\$60,000
FF and E	\$0
PM Fee	\$107,407
Other Fees	\$22,593
Construction \$/GSF	\$14
Total Project \$/GSF	\$16

AREA DATA

GSF	92,480
ASF	92,480
Efficiency Ratio	100.00%

CHALLENGES

Current challenges for this project:

- * RFP Process
- * Laydown & Staging Areas
- * Spring Weather & Summer Monsoons

09.0999.191 — Bus Storage and Maintenance Facility



PROJECT SCOPE

This project is centered around the development and submission of FTA Grant #5339 for Bus & Bus Facilities Infrastructure in coordination with NAIPTA. It will include a request for a fleet of new Electric Buses and the construction of a new Bus Storage Facility capable of housing all transit vehicles, staff, & maintenance needs. The site is proposed to be located in parking lot P64 with the capability of being built around and on top of with a new building & parking structure. The grant will require an 80/20 funding split between NAU and the FTA.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	7/20/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement

ABOR Project Type

GRANT

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Erin Stam
NAU PM	Andrew Iacona
Design Professional	TBD
MEP Engineer	TBD
Landscape Architect	TBD
Structural Engineer	TBD
Delivery Method	TBD
Contractor	TBD
Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD
Electrical Sub	TBD

BUDGET

TOTAL \$18,059,719

FUNDING SOURCES

	\$0
	\$0
	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$0
Design	\$0
FF and E	\$0
PM Fee	\$0
Other Fees	\$0
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- * Grant Award
- * Federal Funding Project Requirements
- * Parking

08.0020.174 — Asphalt Streets 2017



PROJECT SCOPE

This \$509,000 project provides funding to continue to implement annual paving related improvements on streets around NAU's Mountain Campus. This is the next phase in our ongoing program to repair and maintain our streets. The proposed 2017 scope includes various asphalt maintenance treatments including Chip Seals, Full-Depth Asphalt Patching, Crack Fill, & miscellaneous Concrete repairs. We will also be addressing rapidly deteriorating asphalt conditions on main campus corridors, including skin patching select locations of University drive and McConnell Drive.

TIMELINE

DP Selection	12/16/2016
Contractor Selection	3/21/2016
Planning	2016
CPA Approved	11/28/2016
Programming	2016
Schematic Design	2016/2017
100% Design Docs	3/6/2017
Construction Docs	3/30/2017
Construction	5/6/2017
Substantial Completion	8/15/2017
Final Completion	TBD

Procurement	DP for ARQ & JOC
ABOR Project Type	CIN

KEY STAKEHOLDERS

Occupants	Campus Wide
User Reps	Facility Services
NAU PM	Andrew Iacona
Design Professional	Plateau Engineering, Inc.
MEP Engineer	N/A
Landscape Architect	Not Applicable
Structural Engineer	N/A
Delivery Method	JOC
Contractor	RTR Paving & Resurfacing LLC
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL \$363,000

FUNDING SOURCES

Admin OH \$363,000

ESTIMATED BUDGET BREAKDOWN

Construction	\$285,528
Design	\$47,616
FF and E	\$1,200
PM Fee	\$20,397
Other Fees	\$8,259
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- * Summer monsoons
- * Traffic control
- * Campus-wide notification of closures

08.0030.176 — New McConnell Sidewalk & Multimodal Improvements



PROJECT SCOPE

This project is looking to improve the East-West circulation of pedestrians along McConnell Drive at the West entrance to campus. The project will also address the Multimodal Layout of the entire area from the I-17 on/off ramps to the NAU Business building including McConnell Drive's road alignment, intersections at Pine Knoll & Knoles, the Bus Stops inbetween, coordination with the adjacent FUTS trail, impact to the floodway of Sinclair Wash, sidewalks for both sides of the road, and the overall safety of all those using this thoroughfare to enter and leave campus.

Procurement	TBD
ABOR Project Type	CIN

KEY STAKEHOLDERS

Occupants	All
User Reps	NAU, NAIPTA, COF, ADOT
NAU PM	Andrew Iacona
Design Professional	TBD
MEP Engineer	N/A
Landscape Architect	TBD
Structural Engineer	TBD
Delivery Method	TBD
Contractor	TBD
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL \$487,500

FUNDING SOURCES

University Infrastr	\$87,500
FTA Grant / NAIP	\$400,000

ESTIMATED BUDGET BREAKDOWN

Construction	\$0
Design	\$480,262
FF and E	\$0
PM Fee	\$6,481
Other Fees	\$757
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

TIMELINE

DP Selection	4/4/2017
Contractor Selection	TBD
Planning	Summer 2018
CPA Approved	4/3/2018
Programming	10/2/2018
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- * Partnering with NAIPTA, COF, & ADOT
- * Sinclair Wash Floodway
- * Pedestrian Safety & Traffic Impact

09.0141.181 — NACC Addition



PROJECT SCOPE

This project will investigate the feasibility of building an 8,500 sf addition to the Native American Cultural Center. The goal of the project is to bring the Institute for Tribal Environmental Professionals (ITEP) program to a colocation into 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. The current budget includes a design scope for project renderings only. NACC is actively fundraising for an estimated \$4M Project Cost.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	7/1/2017
CPA Approved	11/3/2017
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement	TBD
ABOR Project Type	NAS

BUDGET

TOTAL \$16,839

FUNDING SOURCES

NACC \$16,839

KEY STAKEHOLDERS

Occupants	Native American Programs
User Reps	Chad Hammill
NAU PM	Andrew Iacona
Design Professional	TBD
MEP Engineer	TBD
Landscape Architect	TBD
Structural Engineer	TBD
Delivery Method	TBD
Contractor	TBD
Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD
Electrical Sub	TBD

ESTIMATED BUDGET BREAKDOWN

Construction	\$0
Design	\$15,500
FF and E	\$0
PM Fee	\$1,247
Other Fees	\$92
Construction \$/GSF	\$0
Total Project \$/GSF	\$2

AREA DATA

GSF	8,500
ASF	0
Efficiency Ratio	0.00%

CHALLENGES

Current challenges for this project:

- * Fundraising
- * Programming
- * N/A

09.0300.176 — Fieldhouse Multipurpose Facility



PROJECT SCOPE

This project includes the Design & Construction 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. A CPA is currently pending to fund the design completion and construction. The Original CPA included Schematic Design and also evaluated Thermal Storage at the Plant.

TIMELINE

DP Selection	6/13/2017
Contractor Selection	10/12/2018
Planning	05/01/2017
CPA Approved	7/13/2018
Programming	9/10/2018
Schematic Design	12/12/2018
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement	JOC
ABOR Project Type	CAX

KEY STAKEHOLDERS

Occupants	Students, EMSA
User Reps	TC Eberly, Megan Proctor
NAU PM	Andrew Iacona
Design Professional	Lightvox Studio
MEP Engineer	IMEG Corp
Landscape Architect	N/A
Structural Engineer	Rudow + Berry
Delivery Method	JOC
Contractor	Kinney Construction Services
Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD
Electrical Sub	TBD

BUDGET

TOTAL \$155,700

FUNDING SOURCES

Dining	\$79,810
FY18 Plant Fund	\$75,890

ESTIMATED BUDGET BREAKDOWN

Construction	\$11,881
Design	\$127,790
FF and E	\$0
PM Fee	\$8,913
Other Fees	\$7,116
Construction \$/GSF	\$0
Total Project \$/GSF	\$3

AREA DATA

GSF	50,000
ASF	42,000
Efficiency Ratio	84.00%

CHALLENGES

Current challenges for this project:

- * Funding
- * Phased Design
- * Existing Utilities

08.0020.181 — Asphalt 2018 Streets



PROJECT SCOPE

This \$325,000 project will provide funding to continue to implement annual paving related improvements on streets around NAU's Campus. The 2018 repairs and maintenance locations included Sections of Knoles Drive between Cline Library and the Honors Dorm as well as improvements throughout all sections of Pine Knoll Dr. The scope included various asphalt maintenance treatments including Chip Seals, Full-Depth Asphalt Patching, Crack Fill, & misc. Concrete repairs.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	8/14/2017
CPA Approved	9/8/2017
Programming	2/23/18
Schematic Design	N/A
100% Design Docs	4/12/2018
Construction Docs	5/4/2018
Construction	5/14/18
Substantial Completion	8/17/2018
Final Completion	10/5/2018

Procurement	JOC
ABOR Project Type	CIN

KEY STAKEHOLDERS

Occupants	All Campus
User Reps	Greg Mace
NAU PM	Andrew Iacona
Design Professional	Plateau Engineering, Inc.
MEP Engineer	N/A
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	JOC
Contractor	RTR Paving & Resurfacing LLC
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL \$471,000

FUNDING SOURCES

University Central \$471,000

ESTIMATED BUDGET BREAKDOWN

Construction	\$369,784
Design	\$48,956
FF and E	\$0
PM Fee	\$34,889
Other Fees	\$17,371
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- * Traffic Control
- * Monsoon Season & Inclement Weather
- * Adjacent Construction Projects

09.0390.181 — Raymond Hall Balcony Repair



PROJECT SCOPE

This Project included the complete removal and replacement of the existing Raymond Hall Balcony Guardrail, structural concrete repair of balcony perimeter hollow-core slabs, Balcony deck topcoat removal and replacement with Hydrotech Waterproofing & Rubberway traffic Systems, and the associated painting of the new guardrail system including the underside of the repaired concrete deck. This scope of work was based on the recommendations provided by the Structural Engineer who performed the condition assessment & investigation that occurred over the 2017-2018 Winter Break. Guardrail and deck repair design (Architectural) is based on the same repair work that was

Procurement	TBD
ABOR Project Type	CAX

KEY STAKEHOLDERS

Occupants	Students
User Reps	Chris Thrash
NAU PM	Andrew Iacona
Design Professional	N/A
MEP Engineer	N/A
Landscape Architect	N/A
Structural Engineer	Hubbard Merrell
Delivery Method	JOC
Contractor	Core Construction
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

BUDGET

TOTAL \$1,610,200

FUNDING SOURCES

HRL \$1,610,200

ESTIMATED BUDGET BREAKDOWN

Construction	\$1,416,609
Design	\$9,753
FF and E	\$0
PM Fee	\$119,274
Other Fees	\$64,564
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

TIMELINE

DP Selection	9/19/2017
Contractor Selection	9/12/2017
Planning	Winter 2018
CPA Approved	4/18/2018
Programming	N/A
Schematic Design	N/A
100% Design Docs	N/A
Construction Docs	2/26/2018
Construction	5/14/18
Substantial Completion	8/3/2018
Final Completion	11/30/2018

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- * Investigation of Existing Conditions
- * Unknown Extent of Repair until Sand Blasting
- * Summer Only Construction

08.0010.191 — Sinclair Wash Restoration Grant



PROJECT SCOPE

Enhance and restore native riparian vegetation, biological, and physical resources of the riparian corridor of Sinclair Wash through the project area. Dr. Thomas Whitham is working to reapply for a grant to the Arizona Water Protection Fund to provide the funding necessary to perform this scope of work.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	09/21/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement	
ABOR Project Type	GRANT

BUDGET

TOTAL \$0

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Dr. Thomas Whitham
NAU PM	Andrew Iacona
Design Professional	NCD
MEP Engineer	N/A
Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	N/A
Contractor	N/A
Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

FUNDING SOURCES

	\$0
	\$0
	\$0
	\$0

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

ESTIMATED BUDGET BREAKDOWN

Construction	\$0
Design	\$0
FF and E	\$0
PM Fee	\$0
Other Fees	\$0
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

CHALLENGES

Current challenges for this project:

*
*
*

08.0070.191 — Observatory Upper Field Convert to Turf



PROJECT SCOPE

Replacement of current natural grass upper Observatory field with artificial turf. RFP was recently awarded which identified pricing options for this project. Programming and Funding discussions with the Owner are to begin this March. Construction is slated to begin no sooner than July 2019.

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	9/21/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	6/1/2019

Procurement

ABOR Project Type

KEY STAKEHOLDERS

Occupants	N/A
User Reps	TC Eberly
NAU PM	Andrew Iacona
Design Professional	TBD
MEP Engineer	TBD
Landscape Architect	TBD
Structural Engineer	TBD
Delivery Method	TBD
Contractor	TBD
Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD
Electrical Sub	TBD

BUDGET

TOTAL \$0

FUNDING SOURCES

	\$0
	\$0
	\$0
	\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$0
Design	\$0
FF and E	\$0
PM Fee	\$0
Other Fees	\$0
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- *
- *
- *

11.0010.191 — Strategic Space Utilization Master Plan



PROJECT SCOPE

This project is phase 1 to a complete campus master plan. This project includes an all-campus space utilization study and master plan. An inventory of all space and an analysis of space utilization by space type will be performed. Perform an analysis on what space the university can recapture by better utilizing existing space. This study will consist of 4 Workshops on 6 week intervals. The Workshops will include meeting with the steering committee, focus groups, tours, surveys, and investigation. Study completion is slated for September 2019.

TIMELINE

DP Selection	TBD
Contractor Selection	11/5/2018
Planning	TBD
CPA Approved	2/25/2019
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

Procurement

ABOR Project Type

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Dan Okoli
NAU PM	Andrew Iacona
Design Professional	Sasaki
MEP Engineer	TBD
Landscape Architect	TBD
Structural Engineer	TBD
Delivery Method	TBD
Contractor	TBD
Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD
Electrical Sub	TBD

BUDGET

TOTAL	\$250,000
FUNDING SOURCES	
Central	\$250,000

ESTIMATED BUDGET BREAKDOWN

Construction	\$0
Design	\$229,120
FF and E	\$0
PM Fee	\$18,519
Other Fees	\$2,361
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- * Steering Committee Coordination
- * Focus Group Meetings
- * Communication

11.0010.192 — Milton/Route 66 Campus Entry Study



PROJECT SCOPE

A collaboration between NAU & NAIPTA on a Milton/Route 66 Campus Entry Study, specifically, for a feasibility study for gateway access to NAU from the Milton/Route 66 intersection. NAIPTA to serve as the project lead and will utilize their on-call design professional AECOM to perform the study. The study will determine the feasibility, benefits, constraints, challenges, conceptual layout, and assumed costs of construction to add an additional 4th leg at the intersection of Milton Road and Arizona State Route 66 to provide vehicle, transit, bike and pedestrian access to NAU's Flagstaff campus.

Procurement	N/A
ABOR Project Type	N/A

KEY STAKEHOLDERS

Occupants	N/A
User Reps	NAU
NAU PM	Andrew Iacona
Design Professional	AECOM
MEP Engineer	TBD
Landscape Architect	TBD
Structural Engineer	TBD
Delivery Method	TBD
Contractor	TBD
Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD
Electrical Sub	TBD

BUDGET

TOTAL \$0

FUNDING SOURCES

\$0

ESTIMATED BUDGET BREAKDOWN

Construction	\$0
Design	\$0
FF and E	\$0
PM Fee	\$0
Other Fees	\$0
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

TIMELINE

DP Selection	TBD
Contractor Selection	TBD
Planning	1/28/2019
CPA Approved	N/A
Programming	7/1/2019
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

- *
- *
- *