

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

PDC Staff

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For more information on this report, please contact Stephanie.bauer@nau.edu

JOSH SPEAR

09.0280.182 — Cline Library HVAC Capacity Increase



PROJECT SCOPE

Due to the open scheduling recently implimented 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 priect is to investigate and replace the existing cooling system with a system that can keep up with the current demand of the space.

Procurement	JOC	BUDGET	
ABOR Project Type	T()TAI	\$50.0

N/A

KEY STAKEHULDERS	
Occupants	Students and Faculty
User Reps	Jill Marie Koelling Friedman

VEV OTAVELIOLDEDO

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
Plumhing Suh	N/A

Trumbing Sub	,, .
Mechanical Sub	N/A
Fire Protection Sub	N/A

Electrical Sub

\$50,000 IUIAL

FUNDING SOURCES

Provost

		\$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

Construction 3/ dar	ΨΙΟ
Total Project \$/GSF	\$20

TIMELINE

DP Selection	N/A
Contractor Selection	10/16/2017

Planning

\$50,000

CPA Approved

Programming

Schematic Design

100% Design Docs

Construction Docs

Construction	12/17/18
Substantial Completion	1/11/2019
Final Completion	2/20/2019

AREA DATA

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

CHALLENGES

Current challenges for this project:

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.

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

BUDGET

TOTAL

FUNDI	NG SC	URCES

a Spear	\$0
N/A	\$0

ECTINANTED DUDGET DDEAUDOUAN

ESTIMATED BODGET BREAKDOWN	
Construction	\$0

Design \$0
FF and E \$0

PM Fee \$0
Other Fees \$0

Construction \$/GSF
Total Project \$/GSF

N/A

N/A

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

ConstructionTBDSubstantial CompletionTBD

Final Completion TBD

AREA DATA

 GSF
 0

 ASF
 0

 Efficiency Ratio
 N/A

CHALLENGES

Current challenges for this project:

*

\$0

\$0

\$0

N/A

N/A *

TBD

0

0

N/A

09.0660.181 — Health Professions AC

151 152 | 153 | 154 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 15

Procurement

PROJECT SCOPE

JOC

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.

BUDGET

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

TIMELINE

DP Selection

Contractor Selection

ABOR Project Type		TOTAL	\$350,000	100% Design Docs
KEY STAKEHOLDERS		FUNDING SOURCES		Construction Docs
Occupants	N/A	3410060F25	\$80,200	Construction
User Reps	Delores E Lindstedt	34180120F25	\$65,201	Substantial Completion
NAU PM	Joshua Spear	3430080F25	\$149,599	Final Completion
Design Professional	N/A	C9000965	\$55,000	AREA DATA
MEP Engineer	N/A	ESTIMATED BUDGET BR	REAKDOWN	GSF
Landscape Architect	N/A	Construction	\$317,203	ASF
	NI/A			

Structural Engineer N/A \$0 Design **Efficiency Ratio** N/A **Delivery Method** \$0 FF and E **CHALLENGES** Pueblo Mechanical Contractor \$32,797 **PM Fee Current challenges for this project:** N/A **Plumbing Sub** \$0 **Other Fees** N/A **Mechanical Sub** N/A Construction \$/GSF N/A **Fire Protection Sub** N/A * **Total Project \$/GSF** N/A **Electrical Sub**

2/6/2018

11/22/2017

11/29/2017

TBD

TIMELINE

DP Selection

CPA Approved

Planning

N/A *

Contractor Selection

09.0380.181 - Cowden Hall Renovations



Electrical Sub

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

Total Project \$/GSF

			Programming	N/A
CMAR	BUDGET		Schematic Design	3/7/18
	TOTAL	\$2,736,939	100% Design Docs	3/29/2018
	FUNDING SOURCES		Construction Docs	4/26/2018
N/A	Residence Life	\$2,736,939	Construction	5/14/18
Residence Life		\$0	Substantial Completion	8/10/2018
Joshua Spear		\$0	Final Completion	12/14/2018
N/A		\$0	AREA DATA	
N/A	ESTIMATED BUDGET BRE	AKDOWN	GSF	0
N/A	Construction	\$2,400,000		0
N/A	Design	\$128,000		N/A
CMAR	FF and E	\$0		14/7 (
N/A			CHALLENGES	
N/A	PM Fee	\$97,000	Current challenges for this project:	
N/A	Other Fees	\$0	* Schedule of completion	
N/A	Construction \$/GSF	N/A	*	
	N/A Residence Life Joshua Spear N/A N/A N/A N/A CMAR N/A N/A N/A N/A	TOTAL FUNDING SOURCES N/A Residence Life Residence Life Joshua Spear N/A N/A ESTIMATED BUDGET BRE N/A Construction N/A Design CMAR N/A N/A PM Fee N/A Other Fees	TOTAL \$2,736,939 FUNDING SOURCES N/A Residence Life \$2,736,939 Residence Life \$0 Joshua Spear \$0 N/A ESTIMATED BUDGET BREAKDOWN N/A Construction \$2,400,000 N/A Design \$128,000 CMAR N/A PM Fee \$97,000 N/A Other Fees \$0	CMAR BUDGET TOTAL \$2,736,939 100% Design Docs Construction Docs Construction Residence Life \$2,736,939 Construction Substantial Completion Final Completion N/A N/A ESTIMATED BUDGET BREAKDOWN N/A Construction \$2,400,000 N/A Design \$128,000 CMAR N/A N/A PM Fee \$97,000 CHALLENGES Current challenges for this project: N/A Other Fees \$0 CHALLENGES Current challenges for this project: \$0 Construction Substantial Completion Final Completion AREA DATA CONSTRUCTION Substantial Completion Final Completion COMPATION Final Completion CHALLENGES Current challenges for this project: * Schedule of completion

TBD

600

600

100.00%

09.0660.182 — Comm Sciences & Disorders Rm 323 Renovation



Procurement

Occupante

ABOR Project Type

Landscape Architect

Structural Engineer

Delivery Method

Contractor

Plumbing Sub

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.

BUDGET

FUNDING SOURCES

Health Profession

TOTAL

DP Selection	TBD
Contractor Selection	TBD

1/10/18 **Planning**

TIMELINE

TBD CPA Approved

Programming TBD Schematic Design

TBD 100% Design Docs

Construction Docs 12/17/18 Construction

Substantial Completion 1/11/2019

Final Completion 2/20/2019

KEY STAKEHOLDERS

Occupants	14// (ricaltii Froicession	ψ0,000
User Reps	Elise Lindstedt		\$0
NAU PM	Joshua Spear		\$0
Design Professional	N/A		\$0
MEP Engineer	N/A	FSTIMATED BUDGET BREAK	DOWN

NI/A

PO

N/A

ESTIMATED BUDGET BREAKDOWN

IN/A	Construction	\$8,000
N/A	Design	\$0
N/A In House	FF and E	\$0
NI/A	PM Fee	\$853

CHALLENGES

AREA DATA

Current challenges for this project:

\$0

\$13

GSF

ASF

Efficiency Ratio

\$8.853

\$8.853

Other Fees N/A **Mechanical Sub** Construction \$/GSF N/A

Fire Protection Sub N/A

\$15 **Total Project \$/GSF Electrical Sub**

2/19/2018

12/19/17

TBD



09.0620.181 — McConnell Hall FLS Renovation



KEY STAKEHOLDERS

Procurement

Occupants

User Reps

NAU PM

ABOR Project Type

Design Professional

Landscape Architect

Structural Engineer

Delivery Method

Contractor

Plumbing Sub

Electrical Sub

Mechanical Sub

Fire Protection Sub

MEP Engineer

PROJECT SCOPE

Hard Bid

Christopher Thrash

Fisher Engineering

Joshua Spear

ECD Systems

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

Other Fees

Construction \$/GSF

Total Project \$/GSF

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 implimented.

		CPA Approved	2/6/2018
		Programming	N/A
BUDGET		Schematic Design	N/A
TOTAL	\$386,562	100% Design Docs	N/A
FUNDING SOURCES		Construction Docs	3/29/2018
Residence Life	\$386,562	Construction	5/14/19
	\$0	Substantial Completion	8/4/2019
	\$0	Final Completion	10/10/2019
	\$0	AREA DATA	
ESTIMATED BUDGET BREA	KDOWN	GSF	160,132
Construction	\$322,300	ASF	0
Design	\$14,000	Efficiency Ratio	0.00%
FF and E	\$0	CHALLENGES	
PM Fee	\$28,634	Current challenges for this project:	

\$21,628

\$2

\$2

TIMELINE

DP Selection

Planning

Contractor Selection

TBD



09.0090.181 — Taylor Hall FLS Renovation



Procurement

Occupants

Electrical Sub

ABOR Project Type

PROJECT SCOPE

Hard Bid

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

BUDGET

FUNDING SOURCES

Residence Life

TOTAL

		40/40/47
	Planning	12/19/17
	CPA Approved	TBD
	Programming	N/A
	Schematic Design	N/A
\$236,137	100% Design Docs	N/A
,	Construction Docs	3/30/2018
\$237,137	Construction	5/14/18
\$0	Substantial Completion	8/4/2018
\$0	Final Completion	10/10/2018
\$0	AREA DATA	
/N	GSF	31,603
\$209,352	ASF	0
\$9,553	Efficiency Ratio	0.00%
\$0	CHALLENGES	
\$18,232	Current challenges for this project:	

TIMELINE

DP Selection

Contractor Selection

KEY STAKEHOLDERS

User Reps	Christopher Thrash	\$0
NAU PM	Joshua Spear	\$0
Design Professional	Stanley Consultants INC.	\$0

MEP Engineer	N/A	ESTIMATED BUDGET BREAKDOWN	
Landscape Architect	N/A	Construction	\$209,352
Structural Engineer	N/A	Design	\$9,553
Delivery Method		FF and E	\$0
Contractor	ECD Systems		·

Plumbing Sub	_{N/A} PM Fee	\$18,232
Mechanical Sub	N/A Other Fees	\$0
Fire Protection Sub	N/A Construction \$/GS	F \$7
Electrical Sub	N/A Total Project \$/GS	F \$7

2/19/2018

01/29/2018

TBD

TBD

TIMELINE

DP Selection

CPA Approved

Planning

N/A *

N/A *

Contractor Selection



09.0001.183 — MCDONALD HALL ROOF REPLACEMENT



Fire Protection Sub

Electrical Sub

PROJECT SCOPE

Roof is at year 27 of a 25 year warrenty. 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 als anticipate a 15% decking relplacement on the roof system due to its failure.

Construction \$/GSF

Total Project \$/GSF

N/A

(2) (1) (2) (2) (2) (2) (2) (2) (2) (2) (2) (2	1-1,			Programming	N/A
Procurement	Hard Bid	BUDGET		Schematic Design	N/A
ABOR Project Type		TOTAL	\$259,586	100% Design Docs	N/A
KEY STAKE	HOLDERS	FUNDING SOURCES		Construction Docs	4/6/2018
Occupants	N/A	Res Life	\$259,586	Construction	5/14/18
User Reps	CHRIS THRASH		\$0	Substantial Completion	1/11/2019
NAU PM	Joshua Spear		\$0	Final Completion	2/20/2019
Design Professional	Paul D. Bustamante Architect		\$0	AREA DATA	
MEP Engineer	N/A	ESTIMATED BUDGET BR	EAKDOWN	GSF	0
Landscape Architect	N/A	Construction	\$220,000	ASF	0
Structural Engineer	N/A	Design	\$0	Efficiency Ratio	N/A
Delivery Method		FF and E	\$3,500	CHALLENGES	
Contractor	Caruso Construction	DA4 F	\$26,006		
Plumbing Sub	N/A	PM Fee	\$26,086	Current challenges for this project	:
Mechanical Sub	N/A	Other Fees	\$0	*	

10.0020.181 — South Solar Field Repair and Monitoring



Procurement

ABOR Project Type

Fire Protection Sub

Electrical Sub

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.

BUDGET

FUNDING COURCE

Construction \$/GSF

Total Project \$/GSF

TOTAL

t	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
)	AREA DATA	
	GSF	
1	ASF	43,560
1	Efficiency Ratio	N/A
1	CHALLENGES	
	Current challenges for this project:	

TIMELINE

DP Selection

\$35.515

N/A *

N/A *

KEY STAKEHOLDERS

		FUNDING SOURCES	
Occupants	N/A	PLANT 18	\$35,515
User Reps	Jon Heitzinger		\$0
NAU PM	Joshua Spear		\$0
Design Professional	N/A		\$0
MEP Engineer	N/A	ESTIMATED BUDGET BRE	AKDOWN
Landscape Architect	N/A	Construction	\$31,900
Structural Engineer	N/A	Design	\$0
Delivery Method Contractor	AMERESCO	FF and E	\$0
Plumbing Sub	N/A	PM Fee	\$7,615
Mechanical Sub	N/A	Other Fees	\$0

N/A

N/A

PO

09.0500.181 — Campus Heights Replace Seven Exterior Staircases



Procurement

MFP Engineer

ABOR Project Type

PROJECT SCOPE

Hard Bid

N/A

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

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
AREA DATA	
GSF	0
ASF	0
Efficiency Ratio	N/A
CHALLENGES	
Current challenges for this project:	

TIMELINE

DP Selection

KEV STAKEHOI DE	PC

KEY STAKEHOLDERS	
Occupants	Residence

User RepsEddy BresslerNAU PMJoshua Spear

Design Professional Meyer Borgman & Johnson

Landscape Architect	N/A
Structural Engineer	N/A

Delivery Method

Contractor N/A

Plumbing Sub 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 *

5/16/2018

TBD

5/22/18

9/30/18

8/29/2018

TIMELINE

DP Selection

CPA Approved

Programming

Planning

Contractor Selection



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.

Procurement	JOC	BUDGET		Schematic Design	TBD
ABOR Project Type		TOTAL	\$267,204	100% Design Docs	TBD
KEY STAKE	HOLDERS	FUNDING SOURCES		Construction Docs	11/30/2018
Occupants	N/A	Plant Fund 2018	\$267,204	Construction	TBD
User Reps	Jon Heitzinger		\$0	Substantial Completion	8/14/2019
NAU PM	Joshua Spear		\$0	Final Completion	10/30/2019
Design Professional	IMEG		\$0	AREA DATA	
MEP Engineer	N/A	ESTIMATED BUDGET BREA	KDOWN	GSF	5,000
Landscape Architect	N/A	Construction	\$192,474	ASF	5,000
Structural Engineer	N/A	Design	\$50,000	Efficiency Ratio	100.00%
Delivery Method	N/A	FF and E	\$0	CHALLENGES	100.0076
Contractor	Eagle Mountain Construction			CHALLENGES	
Plumbing Sub	N/A	PM Fee	\$7,019	Current challenges for this project:	
Mechanical Sub	N/A	Other Fees	\$0	*	
Fire Protection Sub	N/A	Construction \$/GSF	\$38	*	
Electrical Sub	N/A	Total Project \$/GSF	\$53	*	

7/10/2018

6/11/2018

TBD

TBD

TBD

TIMELINE

DP Selection

CPA Approved

Programming

Planning

Contractor Selection



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

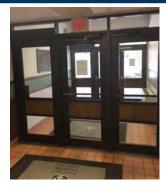
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Procurement	Hard Bid	BUDGET		Schematic Design	TBD
ABOR Project Type		TOTAL	\$150,000	100% Design Docs	TBD
KEY STAKEH	OLDERS	FUNDING SOURCES		Construction Docs	TBD
Occupants	N/A	DM 2019	\$150,000	Construction	5/15/19
User Reps			\$0	Substantial Completion	8/8/2019
NAU PM	Joshua Spear		\$0	Final Completion	9/20/2019
Design Professional	Stanley Consultants INC.		\$0	AREA DATA	
MEP Engineer	N/A	ESTIMATED BUDGET BREA	AKDOWN	GSF	500
Landscape Architect	N/A	Construction	\$107,613	ASF	500
Structural Engineer	N/A	Design	\$24,000	Efficiency Ratio	100.00%
Delivery Method Contractor	TBD	FF and E	\$3,000	CHALLENGES	
Plumbing Sub	N/A	PM Fee	\$15,384	Current challenges for this project:	
Mechanical Sub	N/A	Other Fees	\$0	*	
Fire Protection Sub	N/A	Construction \$/GSF	\$215	*	
Electrical Sub	N/A	Total Project \$/GSF	\$300	*	

TBD

TBD

TBD

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.

BUDGET

FUNDING SOURCES

TOTAL

DM 2019

Other Fees

Construction \$/GSF

Total Project \$/GSF

Procui	rement	
ABOR	Project	Туре

Occupants

Mechanical Sub

Electrical Sub

Fire Protection Sub

KEY STAKEHOI	LDERS

User Reps	Mike Griffis		\$0
NAU PM	Joshua Spear		\$0
Design Professional	N/A		\$0
MEP Engineer	N/A	ESTIMATED BUDGET	BREAKDOWN
Landscape Architect	N/A	Construction	\$155,083
Structural Engineer	N/A	Design	\$0
Delivery Method		FF and E	\$3,000
Contractor	Core Construction		
Plumbing Sub	N/A	PM Fee	\$1,915

N/A

N/A

N/A

N/A

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ш	IVI	ᆫ	VII.	ᄂ

DP Selection

Programming

Construction

\$160,000

\$0

100% Design Docs

2. 00.00.0	
Contractor Selection	7/10/2018
Planning	6/11/2018
CPA Approved	9/5/2018

Schematic Design	TBD

_	
Construction Docs	TBD

Substantial Completion	TBD

AREA DATA

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

CHALLENGES

Current challenges for this project:

*

\$0

\$52

\$53

TBD

TBD

500

500

100.00%

6/11/2018

8/21/2018

09.0260.192 - Adel PRV Maintenance



Landscape Architect

Structural Engineer

Delivery Method

Contractor

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.

Procurement	JOC	BUDGET		Schematic Design	TBD
ABOR Project Type	JOC	TOTAL	\$37,000	100% Design Docs	TBD
KEY STAKEHOLDERS		FUNDING SOURCES		Construction Docs	TBD
Occupants	N/A	DM 2018	\$37,000	Construction	10/15/18
User Reps			\$0	Substantial Completion	3/22/2019
NAU PM	Joshua Spear		\$0	Final Completion	4/26/2019
Design Professional	N/A		\$0	AREA DATA	
MEP Engineer	na	ESTIMATED BUDGET BREAKE	OOWN	CCE	500

JOC		Φ0	
	FF and E	\$0	CHALLENGES
Summa Mechanical Contractors			CHALLLINGLO

Plumbing Sub	NA	PM Fee	\$2,900
Nachanical Cub	ΝΔ	Other Fees	\$3,300

N/A

N/A

Construction

Design

Mechanical Sub	IVA		
Fire Protection Sub	NA	Construction \$/GSF	\$62

Electrical Sub NA Total Project \$/GSF \$74

CHALLENGES
Current challenges for this project:
Getting CPA Approved in time for install before heating

TIMELINE

DP Selection

CPA Approved

Programming

Planning

GSF

ASF

Efficiency Ratio

\$30,800

\$0

Contractor Selection

TBD

6/11/2018

9/5/2018

300

300



09.0001.191 — PFA West Side Roof/Soffit Replacement



Procurement

Occupants

Mechanical Sub

Electrical Sub

Fire Protection Sub

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.

BUDGET

FUNDING SOURCES

Total Project \$/GSF

C	PA Approved	9/3/2010
P	rogramming	N/A
S	chematic Design	N/A
1	00% Design Docs	N/A
C	onstruction Docs	N/A
C	onstruction	3/25/19
S	ubstantial Completion	5/15/2019
F	inal Completion	6/30/2019

TIMELINE

DP Selection

CPA Approved

Planning

GSF

ASF

\$40.117

\$40,117

\$134

Contractor Selection

ABOR Project Type	
KEY STAKEHOLDERS	

KEY	STAKEHOLDERS	

User Reps			\$0
NAU PM	Joshua Spear		\$0
Design Professional	N/A		\$0
MEP Engineer	N/A	ESTIMATED BUDGET BE	REAKDOWN
Landscape Architect	N/A	Construction	\$36,800
Structural Engineer	N/A	Design	\$0
Delivery Method		FF and E	\$1,600
Contractor	In House		
Plumbing Sub	N/A	PM Fee	\$1,717
		Others	ሰ ስ

N/A

N/A

N/A

PO

N/A

TOTAL

DM 2019

FF and E	\$1,600
PM Fee	\$1,717
Other Fees	\$0
Construction \$/GSF	\$123

Efficiency Ratio 100.00% **CHALLENGES**

Current challenges for this project:

AREA DATA

TBD



09.0004.191 — Clifford White Sprinkler Head Replacement



Procurement

Delivery Method

Plumbing Sub

Electrical Sub

PROJECT SCOPE

PO

N/A

N/A

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

BUDGET

6/11/2018
9/5/2018
TBD
TBD
TBD
TBD
12/17/18
1/11/2019
2/11/2019

TIMELINE

DP Selection

Contractor Selection

BOK	Project	Туре	
	14516		

KEY STAKEHOLDERS	

		_
Occupants	N/A	D
User Reps	Jeff Young	
NAU PM	Joshua Spear	
Design Professional	N/A	
MEP Engineer	N/A	Ε
Landscape Architect	N/A	C
Structural Engineer	N/A	D

Contractor	Arizona Verde Fire Protection
Contractor	

1 1411151116 5415	
Mechanical Sub	N/A
Fire Protection Sub	N/A

TOTAL	\$25,000	100% Design Docs
FUNDING SOURCES		Construction Docs
DM 2019	\$25,000	Construction

\$0

\$0

	\$0
ESTIMATED BUDGET BREAKDOWN	
Construction	\$0
Design	\$0
FF and E	\$0

PM Fee	\$0
Other Fees	\$0

Construction \$/GSF	
Total Project \$/GSF	

AREA DATA	
GSF	0
ACE	0
ASF	U
Efficiency Ratio	N/A

Current challenges for this project:

CHALLENGES

\$0 *
N/A *
N/A *

4/15/2016

1/3/2017

1/3/2017

6/21/2017

4/25/2016

TIMELINE

DP Selection

CPA Approved

Programming

Planning

Contractor Selection



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.

Procurement	CMAR	BUDGET		Schematic Design	12/2/2017
ABOR Project Type		TOTAL	\$15,000,000	100% Design Docs	3/24/2017
KEY STAKE	HOLDERS	FUNDING SOURCES		Construction Docs	8/25/2017
Occupants	CAL Students/ Faculty	Provost	\$50,000	Construction	6/22/2017
User Reps	Todd Sulivan, Calvin Lagassi	VP Finance	\$50,000	Substantial Completion	12/21/2018
NAU PM	Joshua Spear	Bonds	\$9,150,000	Final Completion	2/20/2019
Design Professional	RSP Architects Ltd	Gifts	\$5,750,000	AREA DATA	
MEP Engineer	Henderson	ESTIMATED BUDGET BRI	EAKDOWN	GSF	26,675
Landscape Architect	RSP Architects Ltd	Construction	\$12,452,911	ASF	17,560
Structural Engineer	Meyer, Borgman & Johnson	Design	\$1,656,781	Efficiency Ratio	65.83%
Delivery Method Contractor	CMAR Core Construction	FF and E	\$127,000	CHALLENGES	
Plumbing Sub	RKS	PM Fee	\$436,843	Current challenges for this project:	
Mechanical Sub	IMCOR	Other Fees	\$763,308	* Permitting 100% CD Design Set	
Fire Protection Sub	TBD	Construction \$/GSF	\$467	* N/A	
Electrical Sub	Shaum Electric	Total Project \$/GSF	\$562	* N/A	

4/21/2017

4/21/2017

4/1/2017

TBD

TBD

TBD

TBD

TBD

TBD

TBD

12,000

10,806

90.05%

12/21/2017

TIMELINE

DP Selection

CPA Approved

Programming

Planning

\$7

N/A

Contractor Selection



09.0610.173 — LRC Create Engineering Classrooms and Offices



Electrical Sub

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.

Procurement ABOR Project Type KEY STAKEHO	JOC CAS LDERS	BUDGET TOTAL FUNDING SOURCES	\$89,000	Schematic Design 100% Design Docs Construction Docs
Occupants	Engineering	TBD-CPA not app		Construction
User Reps	Tom Hoisch			Substantial Completion
NAU PM	Joshua Spear			Final Completion
Design Professional	Architekton			AREA DATA
MEP Engineer	GLHN	ESTIMATED BUDGET BREA	KDOWN	GSF
Landscape Architect	Not Applicable	Construction	\$2,750	ASF
Structural Engineer Delivery Method	N/A JOC	Design	\$78,375	Efficiency Ratio
Contractor	Loven Contracting Inc.	FF and E	\$0	CHALLENGES
Plumbing Sub	N/A	PM Fee	\$6,593	Current challenges for this project:
Mechanical Sub	N/A	Other Fees	\$1,282	* CPA is for design only
Fire Protection Sub	N/A	Construction \$/GSF	\$0	* Construction schedule delay for funding

Total Project \$/GSF

5/23/2017

3/6/2017

4/12/2017

TBD

N/A

TIMELINE

DP Selection

CPA Approved

Programming

Planning

Contractor Selection

09.0004.178 — Gabaldon Hall Fire Alarm Repairs



Electrical Sub

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.

				5	
Procurement	JOC	BUDGET		Schematic Design	N/A
ABOR Project Type	Capital Renewal - Auxiliary	TOTAL	\$495,540	100% Design Docs	N/A
KEY STAKE	HOLDERS	FUNDING SOURCES	, ,	Construction Docs	7/7/2017
Occupants	Residence Life	Housing & Res Li	\$495,540	Construction	5/14/18
User Reps	Chris Thrash			Substantial Completion	8/4/2018
NAU PM	Joshua Spear			Final Completion	10/10/2018
Design Professional	Fisher Engineering			AREA DATA	
MEP Engineer	N/A	ESTIMATED BUDGET BREA	KDOWN	GSF	120,000
Landscape Architect	N/A	Construction	\$372,478	ASF	85,000
Structural Engineer	N/A	Design	\$3,725	Efficiency Ratio	70.83%
Delivery Method	JOC	FF and E	\$0	·	7 0.00 %
Contractor	Copperstate		**	CHALLENGES	
Plumbing Sub	N/A	PM Fee	\$11,383	Current challenges for this project	:
Mechanical Sub	N/A	Other Fees	\$14,603	* Pending Hard Bid for Contractor	Selection
Fire Protection Sub	TBD	Construction \$/GSF	\$3	* N/A	
Electrical Sub	N/A	Total Project \$/GSF	\$4	* N/A	



09.0370.171 — PFA/ Ardrey Electrical Gear Replacement



PROJECT SCOPE

N/A

N/A

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 is 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.

JOC
CAS

KEY STAKEHOLDERS	KEY	STA	KEHO	LDERS
------------------	-----	-----	------	-------

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
Electrical Sub

BUDGET	
ΤΟΤΛΙ	\$300,660

FUNDING SOURCES

DM 2017 Local \$300,660

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

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

AREA DATA

 GSF
 300

 ASF
 0

Efficiency Ratio 0.00%

CHALLENGES

Current challenges for this project:

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

N/A

TRD

7/25/2017

7/6/2017

TIMELINE

DP Selection

CPA Approved

Planning

N/A * N/A

Contractor Selection

09.0001.181 — Facility Services Roof Repair



Electrical Sub

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.

Total Project \$/GSF

M. S.				CPA Approved	טפו
				Programming	N/A
Procurement	JOC	BUDGET		Schematic Design	N/A
ABOR Project Type	CMM	TOTAL	\$631,701	100% Design Docs	N/A
KEY STAKEHOL	DERS	FUNDING SOURCES	, ,	Construction Docs	TBD
Occupants	Facility Services	Roofing Priorites	\$631,701	Construction	5/14/18
User Reps	Dan Okoli		\$0	Substantial Completion	11/15/2018
NAU PM	Joshua Spear		\$0	Final Completion	12/30/2018
Design Professional	N/A		\$0	AREA DATA	
MEP Engineer	N/A	ESTIMATED BUDGET BREA	AKDOWN	GSF	0
Landscape Architect		Construction	\$0	ASF	0
Structural Engineer	N/A	Design	\$0	Efficiency Ratio	N/A
Delivery Method	JOC	FF and E	\$0		14/7 (
Contractor	Loven Contracting Inc.		Ψ.	CHALLENGES	
Plumbing Sub	N/A	PM Fee	\$0	Current challenges for this project	:
Mechanical Sub	N/A	Other Fees	\$0	* Need decision from Central on if	this is moving forwar
Fire Protection Sub	N/A	Construction \$/GSF	N/A	* Need funding	

N/A

N/A

0

0.00%

10.0010.175 — Verizon Campus-wide Fiber and Antennae



Procurement

ABOR Project Type

Mechanical Sub

Electrical Sub

Fire Protection Sub

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 contactor.

BUDGET

FUNDING SOURCES

TOTAL

	Contractor Selection	IN/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
)	AREA DATA	
	GSF	5,000

TIMELINE

DP Selection

\$1.260,000

ASF

Efficiency Ratio

N/A

N/A

N/A

CHALLENGES

Current challenges for this project:

Contractor Selection

KEY STAKEHOLDERS

Occupants	Campus	Verizon	\$1,260,000
User Reps	Paul Trujillo Dan Okoli		\$0
NAU PM	Joshua Spear		\$0
Design Professional	Verizon		\$0

TBD

•			
MEP Engineer	N/A	ESTIMATED BUDGET E	BREAKDOWN
Landscape Architect	N/A	Construction	\$1,149,882
Structural Engineer	N/A	Design	\$0
Delivery Method		FF and E	\$0
Contractor	Eagle Mountain Construction		
Plumbing Sub	N/A	PM Fee	\$110,118

N/A

N/A

PM Fee	\$110,118
Other Fees	\$0
Construction \$/GSF	\$230
Total Project \$/GSF	\$252

6/17/2017

4/11/2017

9/7/2017

TBD

TIMELINE

DP Selection

CPA Approved

Planning

Contractor Selection

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.

				Programming	11/15/17
Procurement	Hard bid	BUDGET		Schematic Design	12/15/17
ABOR Project Type	CAX	TOTAL	\$45,000	100% Design Docs	11/15/2018
KEY STAKEHOLDERS		FUNDING SOURCES	. ,	Construction Docs	11/15/2018
Occupants	All Campus	Union Operations	\$45,000	Construction	3/1/19
User Reps	TC Eberly		\$0	Substantial Completion	5/15/2019
NAU PM	Joshua Spear		\$0	Final Completion	6/30/2019
Design Professional	Lightvox Studio		\$0	AREA DATA	
MEP Engineer	N/A	ESTIMATED BUDGET BREAK	DOWN	GSF	5,000
Landscape Architect	N/A	Construction	\$0	ASF	5,000
Structural Engineer	N/A	Design	\$29,700	Efficiency Ratio	100.00%
Delivery Method	BID	FF and E	\$0	CHALLENGES	100.0070
Contractor	TBD			CHALLENGES	
Plumbing Sub	TBD	PM Fee	\$3,333	Current challenges for this project:	
Mechanical Sub	TBD	Other Fees	\$11,967	* Determining project feasibility and cos	ŧ
Fire Protection Sub	TBD	Construction \$/GSF	\$0	* N/A	
Electrical Sub	TBD	Total Project \$/GSF	\$9	* N/A	

N/A

N/A

525

525

100.00%

5/11/2017

10/11/2016

4/13/2017

09.0212.171 — Bio-Science Annex Renovation for Fish Tanks

JOC

CAS

N/A



ABOR Project Type

Occupants

User Reps

NAU PM

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.

BUDGET		Schematic Design	N/A
TOTAL	\$207,820	100% Design Docs	TBD
FUNDING SOURCES		Construction Docs	6/1/2017
TRIF	\$207,820	Construction	5/5/2018
	\$0	Substantial Completion	6/30/2018
	\$0	Final Completion	7/2/2018
	\$0	AREA DATA	

GSF

ASF

Efficiency Ratio

Design Professional GLHN Architects & Engineers MFP Engineer GLHN Architects & Engineers

KEY STAKEHOLDERS

MEP Engineer	GLHN Architects & Engineers	ESTIMATED BUDGET BREAKDOWN	
Landscape Architect		Construction	\$170,000

Scott Nichols

Joshua Spear

Structural Engineer	N/A	Design	\$0
Delivery Method	JOC	FF and E	\$0
Contractor	Loven Contracting Inc.		
	NI/A	PM Fee	\$13,175

Plumbing Sub	N/A	PIVI FEE	Ψ10,170
Mechanical Sub	N/A	Other Fees	\$3,241
			#204

Fire Protection Sub	N/A	Construction \$7GSF	ψ32 4
Electrical Sub	N/A	Total Project \$/GSF	\$396

CHALLENGES

Current challenges for this project:

* Contractor staff changes

TIMELINE

DP Selection

CPA Approved

Programming

Planning

Contractor Selection

- * Cost too high with current design
- * N/A

08.0030.177 — Site Improvement at West Side of Knoles and PFA



Procurement

Electrical Sub

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.

BUDGET

Total Project \$/GSF

		DODOLI	
ABOR Project Type	CIN	TOTAL	\$400,000
KEY STAKEHOLDERS		FUNDING SOURCES	
Occupants	Students	University Infrastr	\$400,000
User Reps	Dan Okoli		\$0
NAU PM	Joshua Spear		\$0
Design Professional	Peak Engineering		\$0
MEP Engineer	N/A	ESTIMATED BUDGET BREAI	KDOWN
Landscape Architect	N/A	Construction	\$343,334
Structural Engineer	N/A	Design	\$37,767
Delivery Method	JOC	FF and E	\$0
Contractor	Core Construction	TT dilu L	ΨΟ
Plumbing Sub	N/A	PM Fee	\$11,650
Mechanical Sub	N/A	Other Fees	\$7,249
Fire Protection Sub	N/A	Construction \$/GSF	\$17

N/A

JOC

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
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

\$20

10/9/2015

10/20/2015

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.

				-0 -	
Procurement	JOC	BUDGET		Schematic Design	N/A
ABOR Project Type	CMM	TOTAL	\$201,657	100% Design Docs	N/A
KEY STAKEHOLDERS		FUNDING SOURCES		Construction Docs	5/25/2016
Occupants	All Campus	Plant Fund 16/17/	\$201,657	Construction	6/1/2016
User Reps	Jon Heitzinger			Substantial Completion	5/25/2018
NAU PM	Joshua Spear			Final Completion	8/6/2018
Design Professional	Taylor Rymar			AREA DATA	
MEP Engineer	Taylor Rymar	ESTIMATED BLIDGET BDEA	KDOWN		

Taylor Ttymai	ESTIMATED BUDGET BREAKDOWN	
: N/A	Construction	\$156,683
N/A	Design	\$18,500
JOC	FF and F	\$8,970
Summa Mechanical Contractors		+ -, - : -
N/A	PM Fee	\$5,558
Summa Mechanical	Other Fees	\$1,131
N/A	Construction \$/GSF	\$3,134
N/A	Total Project \$/GSF	\$4,033
	N/A JOC Summa Mechanical Contractors N/A Summa Mechanical N/A	N/A Construction N/A Design JOC Summa Mechanical Contractors N/A PM Fee Summa Mechanical Other Fees N/A Construction \$/GSF

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
AREA DATA	
GSF	50
ASF	0
Efficiency Ratio	0.00%
CHALLENGES	
Current challenges for this project:	
* N/A	
* N/A	
* N/A	

TIMELINE

DP Selection

Planning

Contractor Selection

N/A

N/A

7/1/2016

10/26/2016



08.0040.171 — Annual Lighting 2017



KEY STAKEHOLDERS

Procurement

Occupants

User Reps

NAU PM

ABOR Project Type

Design Professional

Landscape Architect

Structural Engineer

Delivery Method

Contractor

Plumbing Sub

Electrical Sub

Mechanical Sub

Fire Protection Sub

MEP Engineer

PROJECT SCOPE

PO

CMM

Campus-wide

Joshua Spear

Dan Good

N/A

N/A

N/A

PO

N/A

N/A

N/A

N/A

N/A

Total Project \$/GSF

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.

		Programming	N/A
BUDGET		Schematic Design	N/A
TOTAL	\$25,000	100% Design Docs	N/A
FUNDING SOURCES	\$23,000	Construction Docs	N/A
Admin OH	\$25,000	Construction	7/1/17
	. ,	Substantial Completion	9/1/2019
		Final Completion	12/1/2019
		AREA DATA	
ESTIMATED BUDGET BREAK	KDOWN	GSF	0
Construction	\$22,594	ASF	0
Design	\$0	Efficiency Ratio	N/A
FF and E	\$0	CHALLENGES	1471
PM Fee	\$2,273	Current challenges for this project:	
Other Fees	\$133	* N/A	
Construction \$/GSF	N/A	* N/A	

N/A

N/A

TIMELINE

DP Selection

CPA Approved

Planning

Contractor Selection



09.0420.181 — Sechrist Elevator Cooling



Procurement

Landscape Architect

PROJECT SCOPE

JOC

N/A

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 enviornment for the elevator equipment. We will replace the existing system with a long term cooling solution

BUDGET

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

TIMELINE

1	ABOR Project Type	
	KEY STAKEHOLDERS	

KEY STAKEHULDERS	
Occupants	Students
User Reps	Chris Thrash

•	
NAU PM	Joshua Spear

Design Professional	N/A
MEP Engineer	NA

Structural Engineer	N/A
Delivery Method	joc

Contractor	McCarthy Building Company

Plumbing Sub	NA
Mechanical Sub	NA
Fire Protection Sub	NA
Electrical Sub	NA

TOTAL	\$20,085
FUNDING SOURCES	
Residence Life	\$20,085
	\$0
	\$0

ESTIMATED BUDGET BREAKDOWN	
Construction	\$16,500
Design	\$0
FF and E	\$0

\$0

PM Fee	\$1,488
Other Fees	\$2,097
Construction \$/GSF	\$83

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
ASF	200
Efficiency Ratio	100.009
CHALLENGES	

current chanenges for this project.	
*	
*	

Current challenges for this project:

N/A

N/A

8/8/2017

9/7/2017

09.0004.185 - 2018 AED Holding Account



KEY STAKEHOLDERS

Procurement

Occupants

User Reps

NAU PM

ABOR Project Type

Design Professional

Landscape Architect

Structural Engineer

Delivery Method

Contractor

Plumbing Sub

Electrical Sub

Mechanical Sub

Fire Protection Sub

MEP Engineer

PROJECT SCOPE

PO

CLS

N/A

N/A

N/A

PO

N/A

N/A

N/A

N/A

N/A

Total Project \$/GSF

All Campus

Frank Espinoza

Joshua Spear

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.

		o	
		Programming	N/A
BUDGET		Schematic Design	N/A
TOTAL	\$25,000	100% Design Docs	N/A
FUNDING SOURCES		Construction Docs	N/A
University Central	\$25,000	Construction	N/A
		Substantial Completion	N/A
		Final Completion	N/A
		AREA DATA	
ESTIMATED BUDGET BREAK	DOWN	GSF	0
Construction	\$0	ASF	0
Design	\$0	Efficiency Ratio	N/A
FF and E	\$23,148	CHALLENGES	
PM Fee	\$1,852	Current challenges for this project:	
Other Fees		* N/A	
Construction \$/GSF	N/A	* N/A	

N/A *

N/A

TIMELINE

DP Selection

CPA Approved

Planning

Contractor Selection

N/A

N/A



08.0040.181 — Annual Lighting Holding Account 2018



STATE DOG

MFP Fngineer

PROJECT SCOPE

Joshua Spear

N/A

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

Procurement	РО
ABOR Project Type	CMM
KEY STAKEHOLDERS	

Occupants	Campus-wide
User Reps	Dan Good

NAU PIVI	Joshua Opean
Design Professional	N/A

WEI ENGINEER	
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

Construction	\$23,012
Design	\$0
FF and E	\$0
DM Foo	\$1.852

ESTIMATED BUDGET BREAKDOWN

Construction \$/GSF	N/A
Other Fees	\$136
PIVI FEE	ψ1,032

Construction \$/GSF	N/A	*
Total Project \$/GSF	N/A	*

Ī	IME	LINE		

DP Selection

100% Design Docs

Contractor Selection	N/A

Planning	7/1/2017
CPA Approved	8/29/2017

Programming	N/A
0	

Schematic Design	N/A

_	
Construction Docs	N/A

Construction	N/A
Substantial Completion	N/A

Final Completion	12/1/2019
------------------	-----------

AREA DATA

GSF	U
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

* N/A * N/A

6/11/2018



10.0010.191 — Energy Cap Upgrade

PROJECT SCOPE

N/A

TBD

TBD

TBD

TBD

TBD

Joshua Spear

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

		The same of the sa	
FDO	ON	CA	D
FILE	y v	CA	1 1

BUDGET

ABOR Project Type

Procurement

NAU PM

KEY STAKEHOLDERS

Occupants User Reps

TBD Design Professional

MEP Engineer TBD Landscape Architect TBD Structural Engineer

TBD Delivery Method TBD Contractor

Mechanical Sub Fire Protection Sub

Electrical Sub

Plumbing Sub

TOTAL	\$0
FUNDING SOURCES	
	\$0
	\$0
	\$0
	\$0

ESTIMATED BUDGET BREAKDOWN \$0 Construction \$0 Design \$0 FF and E

\$0 **PM Fee** \$0

Construction \$/GSF

Other Fees

Total Project \$/GSF

TIMELINE TBD DP Selection

TBD Contractor Selection

Planning TBD CPA Approved

TBD Programming

Schematic Design TBD **TBD** 100% Design Docs

TBD Construction Docs

TBD Construction **Substantial Completion TBD**

Final Completion TBD

AREA DATA

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

CHALLENGES

N/A

N/A *

Current challenges for this project:



09.0420.191 — Sechrist Replace Heat Exchanger



Procurement

Occupants

ABOR Project Type

Landscape Architect

Electrical Sub

PROJECT SCOPE

Replace PRV on steam system to ensure safe work enviornement. This project will also include the installation of an air and dirt seperator to get the debris out of the heating system which has pluged a lot of the flow throughout the system

BUDGET

FUNDING SOURCES

Total Project \$/GSF

Residence Life

Contractor Selection	TBD
Planning	8/23/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	12/26/18
Substantial Completion	1/11/2019
Final Completion	3/20/2018
AREA DATA	
GSF	300
ASF	0
Efficiency Ratio	0.00%
CHALLENGES	

KEY STAKEHOLDERS

•		
User Reps	Pat Fahey	\$0
NAU PM	Joshua Spear	\$0
Design Professional	N/A	\$0

N/A

joc

TOTAL

N/A **MEP Engineer ESTIMATED BUDGET BREAKDOWN**

Landscape Architect	N/A	Construction	\$129,800
Structural Engineer	N/A	Design	\$0
Delivery Method	JOC	FF and E	\$0
Contractor	McCarthy Building Company		
Plumbing Sub	N/A	PM Fee	\$10,000
Mechanical Sub	N/A	Other Fees	\$0
Fire Protection Sub	N/A	Construction \$/GSF	\$433

N/A

N/A

TIMELINE

DP Selection

\$146.951

\$146,951

\$490

TBD

TBD

09/18/2018

09.0830.192 — KNAU Air Conditioner Replacement



KEY STAKEHOLDERS

Procurement

Occupants

User Reps

NAU PM

ABOR Project Type

Design Professional

Landscape Architect

Structural Engineer

Delivery Method

Contractor

Plumbing Sub

Electrical Sub

Mechanical Sub

Fire Protection Sub

MEP Engineer

PROJECT SCOPEReplace failed /outdated air conditioner in Building 83.

PO

N/A

N/A

N/A

N/A

N/A

PO

N/A

N/A

N/A

N/A

Pat Fahey

Joshua Spear

McCarthy Building Company

		Programming	TBD
BUDGET		Schematic Design	TBD
TOTAL	\$25,000	100% Design Docs	TBD
FUNDING SOURCES		Construction Docs	TBD
DM2019	\$25,000	Construction	3/18/19
	\$0	Substantial Completion	3/30/2019
	\$0	Final Completion	4/21/2019
	\$0	AREA DATA	
ESTIMATED BUDGET BREAK	(DOWN	GSF	10,000
Construction	\$23,000	ASF	10,000
Design	\$0	Efficiency Ratio	100.00%
FF and E	\$0	CHALLENGES	
PM Fee	\$0	Current challenges for this project:	
Other Fees	\$2,000	*	
Construction \$/GSF	\$2	*	
Total Project \$/GSF	\$3	*	

TIMELINE

DP Selection

CPA Approved

Planning

Contractor Selection

TBD

TBD

3/18/19

4/20/2019

5/5/2019

100.00%

09.0660.191 — Health Professions Room 329A Lab Conversion

N/A

N/A

IOC

N/A

PROJECT SCOPE

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

Contractor Selection	TBD
Planning	9/25/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD

joc **Procurement**

ABOR Project Type

Structural Engineer

Occupants

KEY	STA	KEHO	LDERS

KEY	STAK	(EHOI	_DERS

User Reps	Elise Lindstedt	
NAU PM	Joshua Spear	
Design Professional	N/A	
MEP Engineer	N/A	ES1
Landscape Architect	N/A	Coi

Delivery Method	JOC
Contractor	Wespac Construction Inc.

Plumbing Sub N/A **Mechanical Sub** N/A **Fire Protection Sub**

N/A **Electrical Sub**

TOTAL \$65.687

FUNDING SOURCES

\$0 \$0 STIMATED BUDGET BREAKDOWN

\$0 Construction \$0 Design \$0 FF and E

\$0 **PM Fee** \$0 **Other Fees**

Construction \$/GSF \$0 **Total Project \$/GSF** \$219

BUDGET

\$65.687 \$0

Final Completion

AREA DATA

Substantial Completion

TIMELINE

DP Selection

100% Design Docs

Construction Docs

Construction

GSF 300 **ASF** 300

CHALLENGES

Efficiency Ratio

Current challenges for this project:

PAGE 34 OF 42

1/18/2019



Procurement

Occupants

User Reps

NAU PM

ABOR Project Type

Design Professional

Landscape Architect

Structural Engineer

Delivery Method

Contractor

Plumbing Sub

Electrical Sub

Mechanical Sub

Fire Protection Sub

MEP Engineer

KEY STAKEHOLDERS

09.0371.191 — Recital Hall Donor Recognition Signage

PROJECT SCOPE

PO

N/A

N/A

N/A

N/A

N/A

PO

N/A

N/A

N/A

N/A

In House

Tracy Kile Schwartz

Joshua Spear

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

BUDGET

FUNDING SOURCES

TOTAL

TIMELINE

TBD DP Selection

TBD Contractor Selection

10/01/2018 **Planning**

TBD CPA Approved

TRD **Programming**

TBD Schematic Design

TBD 100% Design Docs

TBD Construction Docs

1/14/19 Construction

Substantial Completion

Final Completion TBD

ESTIMATED BUDGET BREAKDOWN

Construction \$25,000

\$35,000

\$35,000

\$0

\$0

\$0

Design \$0 FF and E \$2,500

\$7,500 **PM Fee**

Other Fees \$0 Construction \$/GSF \$125

Total Project \$/GSF \$175 **AREA DATA**

GSF 200

ASF 200

Efficiency Ratio 100.00%

CHALLENGES

Current challenges for this project:

N/A

08.0020.193 - San Francisco Bus Pull Outs



Procurement

PROJECT SCOPE

ARQ

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.

BUDGET

TOTAL

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

TIMELINE

DP Selection

\$0

ABOR Project Type	
KEY STAKEHOLDERS	

KEY STAKEHOLDERS		FUNDING SOURCES		Construction Docs	
Occupants	N/A		\$0	Construction	
User Reps	Erin Stam		\$0	Substantial Completion	
NAU PM	Joshua Spear		\$0	Final Completion	
Design Professional	TBD		\$0	AREA DATA	
MEP Engineer	TBD	ESTIMATED BUDGET BREAKDOWN		GSF	
Landscape Architect	TBD	Construction	\$0	ASF	

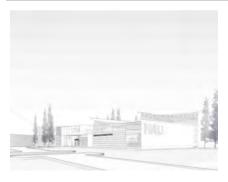
Landscape Architect	TBD	Construction	\$0
Structural Engineer	TBD	Design	\$0
Delivery Method	TBD	FF and E	\$0
Contractor	TBD		
Plumbing Sub	TBD	PM Fee	\$0
			-

Plumbing Sub	TBD	rivi ree	ΨΟ
Mechanical Sub	TBD	Other Fees	\$0
Fire Protection Sub	TBD	Construction \$/GSF	N/A
Electrical Sub	TBD	Total Project \$/GSF	N/A

Final Completion				
AREA DATA				
GSF				
ASF				
Efficiency Ratio				
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:

BUDGET

- •Public Welcome Area (NAU Hall of Fame, Box Office)
- •Competition and Practice Gym
- Strength and Conditioning
- Sports Medicine Facilities

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
AREA DATA	

TIMELINE

DP Selection

ABOR Project T	уре
----------------	-----

Procurement

ABOR Project Type		TOTAL	\$0	100% Design Docs	TBD
KEY STAKEHOLDERS		FUNDING SOURCES		Construction Docs	TBD
Occupants	N/A		\$0	Construction	TBD
User Reps			\$0	Substantial Completion	TBD
NAU PM	Joshua Spear		\$0	Final Completion	TBD
Design Professional	TBD		\$0	AREA DATA	
MEP Engineer	TBD	ESTIMATED BUDGET BREAKDOWN		GSF	0
Landscape Architect	TBD	Construction	\$0	ASF	0
Structural Engineer	TBD	Design	\$0	Efficiency Ratio	N/A
Delivery Method	TBD	FF and E	\$0	•	14/71
Contractor	TBD			CHALLENGES	
Plumbing Sub	TBD	PM Fee	\$0	Current challenges for this project:	
Mechanical Sub	TBD	Other Fees	\$0	* DP Selection	
Fire Protection Sub	TBD	Construction \$/GSF	N/A	* CMAR Selection	
Electrical Sub	TBD	Total Project \$/GSF	N/A	* ABOR Approval	

TBD

N/A

09.0550.191 — Mountain View Ceiling Fans



PROJECT SCOPE

JOC

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

Contractor Selection	TBD
Planning	12/10/2018

TBD CPA Approved

TRD **Programming**

Schematic Design TBD

TBD Construction Docs

TBD Construction **Substantial Completion TBD**

Final Completion TBD

AREA DATA

TIMELINE

DP Selection

100% Design Docs

GSF 0 **ASF** 0

CHALLENGES

Efficiency Ratio

Current challenges for this project:

N/A

N/A *

\$0

\$0

\$0

Procurement

ABOR Project Type

KEY STAKEHOLDERS

N/A **Occupants Christopher Thrash User Reps** Joshua Spear **NAU PM** NA

Design Professional N/A **MEP Engineer**

N/A **Landscape Architect** N/A **Structural Engineer**

JOC **Delivery Method Delta Diversified** Contractor

Delta Diversified Plumbing Sub Delta Diversified Mechanical Sub

Delta Diversified Fire Protection Sub **Delta Diversified Electrical Sub**

BUDGET

TOTAL

FUNDING SOURCES

\$0 \$0

ESTIMATED BUDGET BREAKDOWN Construction \$0

\$0 Design \$0 FF and E

\$0 **PM Fee**

Other Fees \$0

Construction \$/GSF **Total Project \$/GSF**

TBD

TBD

N/A



09.0004.195 — Morton, North, and Campbell Hall FLS Upgrades



KEY STAKEHOLDERS

Procurement

Occupants

User Reps

NAU PM

ABOR Project Type

Design Professional

Landscape Architect

Structural Engineer

Delivery Method

Contractor

Plumbing Sub

Mechanical Sub

Fire Protection Sub

MEP Engineer

PROJECT SCOPE

Hard Bid

Christopher Thrash

Stanley Consultants INC.

Joshua Spear

N/A

N/A

N/A

N/A

TBD

N/A

N/A

N/A

Hard Bid

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

BUDGET

ESTIMATED BUDGET BREAKDOWN

FUNDING SOURCES

TOTAL

Construction

Design

FF and E

PM Fee

Other Fees

Ш	VI	ΕL	_IN	ΙE	

DP Selection

Construction

TBD Contractor Selection

12 11 2018 **Planning**

TBD CPA Approved

Programming

Schematic Design TBD

100% Design Docs **TBD**

Construction Docs TBD

Substantial Completion TBD

Final Completion TBD

AREA DATA

GSF 0 **ASF** 0

Efficiency Ratio

CHALLENGES

Current challenges for this project:

\$0

\$0

\$0

\$0

\$0

\$0

\$0

\$0

\$0

\$0

N/A Construction \$/GSF

Total Project \$/GSF N/A * N/A **Electrical Sub**

TBD

11/15/2017

09.0001.182 — FY18 Roofing Priorities



KEY STAKEHOLDERS

Procurement

Occupants

User Reps

NAU PM

ABOR Project Type

Design Professional

Landscape Architect

Structural Engineer

Delivery Method

Contractor

Plumbing Sub

Electrical Sub

Mechanical Sub

Fire Protection Sub

MEP Engineer

PROJECT SCOPE

Holding

Campus-Wide

Joshua Spear

Dan Okoli

TBD

N/A

N/A

N/A

N/A

TBD

N/A

N/A

N/A

N/A

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.

PM Fee

Other Fees

Construction \$/GSF

Total Project \$/GSF

		CPA Approved	TBD
		Programming	TBD
BUDGET		Schematic Design	TBD
TOTAL	\$673,979	100% Design Docs	TBD
FUNDING SOURCES		Construction Docs	TBD
	\$0	Construction	TBD
	\$0	Substantial Completion	TBD
	\$0	Final Completion	TBD
	\$0	AREA DATA	
ESTIMATED BUDGET BREAKD	OWN	GSF	0
Construction	\$0	ASF	0
Design	\$0	Efficiency Ratio	N/A
FF and E	\$0	CHALLENGES	

Current challenges for this project:

TIMELINE

DP Selection

Planning

\$0

\$0

N/A

N/A *

TBD



09.0450.191 — Wilson Hall Systems Renovation



PROJECT SCOPE

N/A

N/A

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

Contractor Selection	TBD
Planning	12/14/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD

TIMELINE

DP Selection

Construction

Efficiency Ratio

\$0

\$0

Procurement joc

ABOR Project Type

Structural Engineer

Dlumbing Sub

KEY STAKEHOLDERS

Occupants	N/A	
User Reps	Christopher Thrash	
NAU PM	Joshua Spear	
Design Professional	TBD	
MEP Engineer	N/A	EST
Landscape Architect	N/A	Cor

Delivery Method	JOC
Contractor	Core Construction

Fluilibilig Sub	14// (
Mechanical Sub	N/A
Fire Protection Suh	N/A

The Frotection 300	,, .
Electrical Sub	N/A

TOTAI	L	\$0



BUDGET

	7.5
	\$0
	\$0
ESTIMATED BUDGET BREAKDOWN	



PM Fee	\$0
Other Fees	\$0

Construction \$/GSF	\$0
Total Project \$/GSF	\$0

100% Design Docs	TBD
Construction Docs	TBD

Substantial Completion	TBD
Final Completion	TBD

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

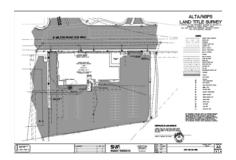
CHALLENGES

AREA DATA

Current challenges for this project:

TBD

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.

BUDGET

FUNDING SOURCES

Construction \$/GSF

TOTAL

TIMELINE

DP Selection

Construction Docs

Substantial Completion

TBD Contractor Selection

12/20/2018 **Planning**

TBD CPA Approved

TBD Programming

Schematic Design TBD

TBD 100% Design Docs **TBD**

TBD Construction

Final Completion TBD

AREA DATA

GSF 0 **ASF** 0

Efficiency Ratio N/A

CHALLENGES

Current challenges for this project:

N/A

N/A *

\$0

\$0

\$0

\$0

Procurement

ABOR Project Type

Structural Engineer

Delivery Method

Contractor

Plumbing Sub

Mechanical Sub

Fire Protection Sub

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Dan Okoli
NAU PM	Joshua Spear
Design Professional	TBD
MEP Engineer	TBD
Landscape Architect	TBD

\$0 **ESTIMATED BUDGET BREAKDOWN** \$0 Construction **TBD** \$0 Design **TBD** \$0 FF and E **TBD** \$0 **PM Fee** TBD \$0 **Other Fees TBD**

Total Project \$/GSF TBD Electrical Sub

TBD

DAN HORTON

TBD

TBD

1/23/17

12.0010.181 - YUMA NURSING LABS

PROJECT SCOPE

JOC

PO

N/A

TBD

N/A

N/A

N/A

N/A

N/A

N/A

N/A

FF and E

PM Fee

Other Fees

Construction \$/GSF

Total Project \$/GSF

Nicole Harris

Daniel Horton

Core Construction



KEY STAKEHOLDERS

Procurement

Occupants

User Reps

NAU PM

ABOR Project Type

Design Professional

Landscape Architect

Structural Engineer

Delivery Method

Contractor

Plumbing Sub

Electrical Sub

Mechanical Sub

Fire Protection Sub

MEP Engineer

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

		Programming	TBD
BUDGET		Schematic Design	TBD
TOTAL	\$228,000	100% Design Docs	TBD
FUNDING SOURCES		Construction Docs	TBD
Nursing	\$228,000	Construction	TBD
	\$0	Substantial Completion	3/22/2019
	\$0	Final Completion	4/26/2019
	\$0	AREA DATA	
ESTIMATED BUDGET BREAKI	OOWN	GSF	0
Construction	\$209,760	ASF	0
Design	\$0	Efficiency Ratio	N/A

\$0

\$0

N/A

N/A *

\$18,240

TIMELINE

CHALLENGES

Current challenges for this project:

DP Selection

CPA Approved

Planning

N/A

TBD

TBD

0

0

N/A

4/17/2018

3/30/2018

10.0080.181 — Gas Line Abandonments and Correction



Procurement

Electrical Sub

ABOR Project Type

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.

BUDGET		Schematic Design	TBD
TOTAL	\$150,000	100% Design Docs	TBD
FUNDING SOURCES		Construction Docs	TBD
Plant Fund 2018	\$150,000	Construction	10/30/2018
	\$0	Substantial Completion	12/28/2018
	\$0	Final Completion	1/25/2019
	\$0	AREA DATA	

GSF

ASF

N/A *

Efficiency Ratio

About Toject Type		TOTAL	\$150,000
KEY STAK	EHOLDERS	FUNDING SOURCES	
Occupants	N/A	Plant Fund 2018	\$150,000
User Reps	Jon Heitzinger		\$0
NAU PM	Daniel Horton		\$0
Design Professional	NA		\$0
MEP Engineer	N/A	A ESTIMATED BUDGET BREAKDOWN	
Landscape Architec	t N/A	Construction	\$120,000
Structural Engineer	N/A	Design	\$0
Delivery Method Contractor	Summa Mechanical Contractors	FF and E	\$0
Plumbing Sub	NA	PM Fee	\$11,000
Mechanical Sub	NA	Other Fees	\$19,000
Fire Protection Sub	NA	Construction \$/GSF	N/A

NA

Total Project \$/GSF

JOC

PO

Current challenges for this project:			
*	Asthetics for the North Quad		
*			

CHALLENGES

TIMELINE

DP Selection

CPA Approved

Programming

Planning

10.0060.191 — Isolation Valves Installation HTHW South Loop

MEP Engineer

Contractor

Electrical Sub

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

BUDGET

FUNDING SOURCES

Plant Fund 2019

DP Selection	TBE
Contractor Selection	TBD
Planning	6/11/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Dess	TRE

Procurement	IBD
ABOR Project Type	TBD
KEY STAKEHOLDERS	

Occupants	N/A
User Reps	

NAU PM	Daniel Horton
Design Professional	TBD

Landscape Architect	TBD
Structural Engineer	TBD
Delivery Method	TBD

Plumbing Sub	TBD
Mechanical Sub	TBD
Fire Protection Sub	TBD

			\$0
	Daniel Horton		\$0
I	TBD		\$0
	TBD	ESTIMATED BUDGET BREAKDOWN	
ct .	TBD	Construction	\$0
	TBD	Design	\$0

FF and E

TBD

TBD

TOTAL

)	PM Fee
)	Other Fees
)	Construction \$/GSF

Total Project \$/GSF

Schematic Besign	
100% Design Docs	TBD
Construction Docs	TBE
Construction	TBD

Substantial Completion	
-------------------------------	--

AREA DATA

TIMELINE

ANLADATA	
GSF	0
ASF	0
Efficiency Ratio	N/A

CHAL	LENGES

Current challenges for this project:

N/A N/A *

\$0

\$0

\$0

\$136,500

\$136,500

TBD

11.0020.191 — Storm Water Study



KEY STAKEHOLDERS

Procurement

Occupants

User Reps

NAU PM

ABOR Project Type

Design Professional

Landscape Architect

Structural Engineer

Delivery Method

Contractor

Plumbing Sub

Electrical Sub

Mechanical Sub

Fire Protection Sub

MEP Engineer

PROJECT SCOPE

TBD

TBD

N/A

TBD

Construction \$/GSF

Total Project \$/GSF

Daniel Horton

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

		Planning	6/11/2018
		CPA Approved	TBD
		Programming	TBD
BUDGET		Schematic Design	TBD
TOTAL	\$120,000	100% Design Docs	TBD
FUNDING SOURCES		Construction Docs	TBD
Plant Fund 2019	\$120,000	Construction	TBD
	\$0	Substantial Completion	TBD
	\$0	Final Completion	TBD
	\$0	AREA DATA	
ESTIMATED BUDGET BREAK	KDOWN	GSF	0
Construction	\$0	ASF	0
Design	\$0	Efficiency Ratio	N/A
FF and E	\$0	CHALLENGES	
PM Fee	\$0	Current challenges for this project:	
Other Fees	\$0	*	

N/A *

N/A *

TIMELINE

DP Selection

11.0020.192 — Water Flow Model



NAU PM

PROJECT SCOPE

Daniel Horton

TBD

TBD

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

BUDGET

Contractor Selection	TBD
Planning	6/11/2018
CPA Approved	TBD
Programming	TBD

Procurement	TBD
ABOR Project Type	TBD
VEV CTAVELIOLDEDO	

KEY STAKEHOLDERS

Occupants	N/A
User Reps	

Design Professional	TBD
MEP Engineer	TBD

Landscape Architect	TBD
Structural Engineer	TBD
Delivery Method	TBD
Contractor	TBD

Plumbing Sub	
Mechanical Sub	

Fire Protection Sub	TBD
Electrical Sub	TBD

56562.	
ΓΟΤΑL	\$120,000

FUNDING SOURCES	
Plant Fund 2010	¢ 1

ESTIMATED BLIDGET BREAKDOWN

Plant Fund 2019	\$120,000
	\$0

\$0
\$0

ESTIMATED BODGET BREAKDOWN	
Construction	\$0
Design	\$0
FF and E	\$0

PM Fee	\$0
FIVITEE	ΨΟ

Construction \$/GSF
Total Project \$/GSF

Other Fees

DP Selection

TIMELINE

Programming TBD Schematic Design

100% Design Docs TBD

TBD Construction Docs TBD Construction

Substantial Completion TBD

Final Completion TBD

AREA DATA

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

\$0

N/A

N/A *

3/29/2019



10.0080.191 — Hot Tap Connection Replacement at Tinsley

TBD

TBD



MEP Engineer

Plumbing Sub

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.

TBD DP Selection 7/31/2018 **Contractor Selection** 6/11/2018 **Planning TBD CPA Approved TBD Programming TBD Schematic Design**

TIMELINE

JOC **Procurement** PO **ABOR Project Type** KEV STAKEHOI DERS

RETOTAREHOLDERO	
Occupants	N/A
User Reps	

NAU PM	Daniel Horton
Design Professional	TBD

Landscape Architect	TBD
Structural Engineer	TBD
Delivery Method	TBD

0 0 000	
Mechanical Sub	TBD
Fire Protection Sub	TBD

TBD Electrical Sub

TOTAL	\$50,000

FUNDING SOURCES	
Plant Fund 2019	\$50,000

n	\$0
D	\$0

ESTIMATED	BUDGET	BREAKDOWN

Construction

Design	\$0
FF and E	\$0

PM Fee	\$4,000
Other Fees	\$1,500

Construction \$/GSF	N/A
Total Project \$/GSF	N/A

BUDGET			
AL	\$50,000	100% Design Docs	TBD
DING SOURCES		Construction Docs	TBD
Fund 2019	\$50,000	Construction	TBD

\$0

\$44,500

Substantial Completion

AREA DATA

Final Completion	4/30/2019

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

Current challenges for this project:

N/A

8/17/2018

09.0260.191 - Adel Paint Exterior



KEY STAKEHOLDERS

Procurement

Occupants

User Reps

NAU PM

ABOR Project Type

Design Professional

Landscape Architect

Structural Engineer

Delivery Method

Contractor

Plumbing Sub

Electrical Sub

Mechanical Sub

Fire Protection Sub

MEP Engineer

PROJECT SCOPE

PO

CLS

N/A

TBD

N/A

N/A

N/A

N/A

N/A

TBD

N/A

N/A

N/A

N/A

PM Fee

Other Fees

Construction \$/GSF

Total Project \$/GSF

Daniel Horton

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.

		Planning	6/11/2018
		CPA Approved	TBD
		Programming	TBD
BUDGET		Schematic Design	TBD
TOTAL	\$85,000	100% Design Docs	TBD
FUNDING SOURCES		Construction Docs	TBD
DM FY 2019	\$85,000	Construction	TBD
	\$0	Substantial Completion	5/18/2019
	\$0	Final Completion	6/22/2019
	\$0	AREA DATA	
ESTIMATED BUDGET BREAKDOWN		GSF	0
Construction	\$75,000	ASF	0
Design	\$0	Efficiency Ratio	N/A
FF and E	\$0	CHALLENGES	

\$0

N/A

N/A *

\$10,000

TIMELINE

Current challenges for this project:

DP Selection

TBD

6/11/2018

09.0650.191 — Castro Heat Exchanger Replacement



KEY STAKEHOLDERS

Procurement

Occupants

User Reps

NAU PM

ABOR Project Type

Design Professional

Landscape Architect

Structural Engineer

Delivery Method

Contractor

Plumbing Sub

Electrical Sub

Mechanical Sub

Fire Protection Sub

MEP Engineer

PROJECT SCOPE

JOC

CLS

TBD

TBD

TBD

TBD

TBD

TBD

TBD

TBD

TBD

Other Fees

Construction \$/GSF

Total Project \$/GSF

SBS Castro

SBS Castro

Daniel Horton

Spectrum Engineers

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.

		• •	
		CPA Approved	TBD
		Programming	TBD
BUDGET		Schematic Design	TBD
TOTAL	\$15,000	100% Design Docs	TBD
FUNDING SOURCES		Construction Docs	TBD
FY DM 2019	\$15,000	Construction	TBD
	\$0	Substantial Completion	3/29/2019
	\$0	Final Completion	4/26/2019
	\$0	AREA DATA	
ESTIMATED BUDGET BREAK	KDOWN	GSF	0
Construction	\$0	ASF	0
Design	\$15,000	Efficiency Ratio	N/A
FF and E	\$0	CHALLENGES	
PM Fee	\$0	Current challenges for this project:	

\$0

N/A

N/A *

TIMELINE

DP Selection

Planning

TBD

TBD

TBD

TBD

5/24/2019

6/28/2019



09.0002.191 — Multi-Building Flooring Replacement



Occupants

User Reps

NAU PM

Design Professional

Landscape Architect

Structural Engineer

Delivery Method

Contractor

Plumbing Sub

Mechanical Sub

Fire Protection Sub

MEP Engineer

PROJECT SCOPE

All Campus

TBD

TBD

TBD

TBD

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

Contractor Selection	TBD
Planning	6/11/2018
CPA Approved	TBD
Programming	TBD

TIMELINE

DP Selection

Schematic Design

100% Design Docs

Construction Docs

Substantial Completion

Construction

\$50,000

\$0

\$0

TBD Procurement CLS **ABOR Project Type**

KEY STAKEHOLDERS

BUDGET TOTAL

FUNDING SOURCES

DM FY 2019	\$50,000
	\$0

Daniel Horton		\$0
TBD		\$0
TBD	FCTIMATED DUDGET DDF AVDOVAN	

ESTIMATED BLIDGET BREAKDOWN

ESTIMATED BODGET BREAKDOWN	
Construction	\$0
Design	\$0

TBD			
TBD	PM Fee	;	\$0

TBD	Construction \$/GSF	:

FF and E

Other Fees

Final Completion

GSF	0
ASF	0
Efficiency Ratio	N/A

CHALLENGES

AREA DATA

Current challenges for this project:

N/A

Total Project \$/GSF N/A * **TBD Electrical Sub**

TBD

TBD

TBD

TBD

0

0

N/A

3/15/2019

4/26/2019

09.0002.192 — Hose Bib Replacement at Various Locations



Occupants

Structural Engineer

Electrical Sub

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.

Contractor Selection	6/19/2018
Planning	6/11/2018
CPA Approved	TBD
Programming	TBD

Procurement	JOC
ABOR Project Type	РО

KEY STAKEHOLDERS

User Reps			\$0
NAU PM	Daniel Horton		\$0
Design Professional	TBD		\$0
MEP Engineer	TBD	ESTIMATED BUDGET BRE	AKDOWN
Landscape Architect	TBD	Construction	\$45,000

TBD

TBD

TBD

TBD

N/A

3	
Delivery Method	TBD
Contractor	TBD
Plumbing Sub	TBD

Mechanical Sub	
Fire Protection Sub	

BUDGET \$50,000 **TOTAL**

FUNDING SOURCES

DM FY 2019 \$50.000

Construction \$0 Design \$0 FF and E \$0 **PM Fee**

\$50,000 **Other Fees**

N/A Construction \$/GSF N/A * **Total Project \$/GSF**

Construction

\$0

Substantial Completion

Final Completion

AREA DATA

TIMELINE

DP Selection

Schematic Design

100% Design Docs

Construction Docs

GSF ASF

CHALLENGES

Current challenges for this project:

Efficiency Ratio

TBD

6/11/2018

09.0120.191 — Geology Flooring Replacement



KEY STAKEHOLDERS

Procurement

Occupants

User Reps

NAU PM

ABOR Project Type

Design Professional

Landscape Architect

Structural Engineer

Delivery Method

Contractor

Plumbing Sub

Electrical Sub

Mechanical Sub

Fire Protection Sub

MEP Engineer

PROJECT SCOPEThe Flooring in the Geology Facility is due for replacement.

PO

CLS

N/A

TBD

TBD

TBD

TBD

TBD

TBD

TBD

TBD

TBD

Diversified Flooring

Daniel Horton

		CPA Approved	TBD
		Programming	TBD
BUDGET		Schematic Design	TBD
TOTAL	\$30,000	100% Design Docs	TBD
FUNDING SOURCES		Construction Docs	TBD
DM FY 2018	\$30,000	Construction	TBD
	\$0	Substantial Completion	1/31/2019
	\$0	Final Completion	2/28/2019
	\$0	AREA DATA	
ESTIMATED BUDGET BREAKDOW	N	GSF	0
Construction	\$25,000	ASF	0
Design	\$0	Efficiency Ratio	N/A
FF and E	\$0	CHALLENGES	
PM Fee	\$0	Current challenges for this project:	
Other Fees	\$5,000	*	
Construction \$/GSF	N/A	*	
Total Project \$/GSF	N/A	*	

TIMELINE

DP Selection

Planning

TBD

6/11/2018

09.0002.194 — Multi-Building Correction Account



KEY STAKEHOLDERS

Procurement

Occupants

User Reps

NAU PM

ABOR Project Type

Design Professional

Landscape Architect

Structural Engineer

Delivery Method

Contractor

Plumbing Sub

Electrical Sub

Mechanical Sub

Fire Protection Sub

MEP Engineer

PROJECT SCOPE

TBD

CLS

N/A

TBD

Other Fees

Construction \$/GSF

Total Project \$/GSF

Daniel Horton

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

		Planning	0/11/2010
		CPA Approved	TBD
		Programming	TBD
BUDGET		Schematic Design	TBD
TOTAL	\$70,000	100% Design Docs	TBD
FUNDING SOURCES		Construction Docs	TBD
DM FY 2019	\$70,000	Construction	TBD
	\$0	Substantial Completion	5/31/2019
	\$0	Final Completion	6/28/2019
	\$0	AREA DATA	
ESTIMATED BUDGET BREAK	DOWN	GSF	0
Construction	\$70,000	ASF	0
Design	\$0	Efficiency Ratio	N/A
FF and E	\$0	CHALLENGES	
PM Fee	\$0	Current challenges for this project:	

\$0

N/A

N/A *

TIMELINE

DP Selection

Planning

TBD

09.0004.192 — Cline Sprinkler Head Replacement



KEY STAKEHOLDERS

Procurement

Occupants

User Reps

NAU PM

ABOR Project Type

Design Professional

Landscape Architect

Structural Engineer

Delivery Method

Contractor

Plumbing Sub

Electrical Sub

Mechanical Sub

Fire Protection Sub

MEP Engineer

PROJECT SCOPE

JOC

PO

N/A

TBD

Daniel Horton

Construction \$/GSF

Total Project \$/GSF

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

		Planning	6/11/2018
		CPA Approved	TBD
		Programming	TBD
BUDGET		Schematic Design	TBD
TOTAL	\$25,000	100% Design Docs	TBD
FUNDING SOURCES	, z,zzz	Construction Docs	TBD
DM FY 2019	\$25,000	Construction	TBD
	\$0	Substantial Completion	5/31/2019
	\$0	Final Completion	6/28/2019
	\$0	AREA DATA	
ESTIMATED BUDGET BREAK	DOWN	GSF	0
Construction	\$25,000	ASF	0
Design	\$0	Efficiency Ratio	N/A
FF and E	\$0	CHALLENGES	14/7
PM Fee	\$0	Current challenges for this project:	
Other Fees	\$0	*	

N/A

N/A *

TIMELINE

DP Selection



09.0004.193 — Hazardous Material Holding Account 2019

09.0004.193 — Haza	irdous Materi	al Holding Accour	11 20 19		
	PROJECT SCOP	PE r hazardous materials abaten	nent needed for trades	TIMELINE	
	work.	mazardous materiais abater	nent needed for trades	DP Selection	TBD
Asbestos and Hazardous Material				Contractor Selection	TBD
NORTHERN ARIZONA 🎇 UNIVERSITY				Planning	TBD
				CPA Approved	TBD
				Programming	TBD
Procurement	TBD	BUDGET		Schematic Design	TBD
ABOR Project Type	РО	TOTAL	\$25,000	100% Design Docs	TBD
KEY STAKEHOLDERS	5	FUNDING SOURCES		Construction Docs	TBD
Occupants	N/A	DM 2019	\$25,000	Construction	TBD
User Reps			\$0	Substantial Completion	5/31/2019
NAU PM	Daniel Horton		\$0	Final Completion	6/28/2019
Design Professional	TBD		\$0	AREA DATA	
MEP Engineer	TBD	ESTIMATED BUDGET BR	REAKDOWN	GSF	0
Landscape Architect	TBD	Construction	\$25,000	ASF	0
Structural Engineer	TBD	Design	\$0	Efficiency Ratio	N/A
Delivery Method	TBD	FF and E	\$0	CHALLENGES	1477
Contractor	TBD	PM Fee	\$0		
Plumbing Sub	TBD			Current challenges for this project:	
Mechanical Sub	TBD	Other Fees	\$0	*	
Fire Protection Sub	TBD	Construction \$/GSF	N/A	*	
Electrical Sub	TBD	Total Project \$/GSF	N/A	*	

TBD

TBD

TBD

TBD

TBD

TBD

N/A



09.0005.193 — ADA Holding Account 2019



Occupants

User Reps

NAU PM

Plumbing Sub

Mechanical Sub

Fire Protection Sub

Design Professional

PROJECT SCOPE

All Campus

Daniel Horton

Multiple

TBD

TRD

TBD

TBD

TBD

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

DP Selection	TBD
Contractor Selection	TBD
Planning	TBD

TIMELINE

CPA Approved

Programming

Schematic Design

100% Design Docs

Construction Docs

Substantial Completion

Construction

ASF

\$25,000

PO **Procurement ABOR Project Type** CAD **KEY STAKEHOLDERS**

BUDGET	
TOTAL	\$25,000

DM FY 2019

\$0
\$0
\$0

Final Completion	TBD
AREA DATA	
GSF	0

MEP Engineer	TBD	ESTIMATED BUDGET BREAKDOWN		
Landscape Architect	TBD	Construction	\$25,000	

-			+,
Structural Engineer	TBD	Design	\$0
Delivery Method	TBD	FF and E	\$0
Contractor	TBD		Ψ.
Dirambina Crab	TRD	PM Fee	\$0

	•
M Fee	\$0
ther Fees	\$0

Other Fees	\$0
Construction \$/GSF	N/A

CHALLENGES

Current challenges for this project:

25K remaining

Efficiency Ratio

N/A

6/12/2018

6/11/2018

09.0560.191 — AR&D 3rd Floor Slab Leak Repair

KEY STAKEHOLDERS

Procurement

Occupants

User Reps

NAU PM

ABOR Project Type

Design Professional

Landscape Architect

Structural Engineer

Delivery Method

Contractor

Plumbing Sub

Electrical Sub

Mechanical Sub

Fire Protection Sub

MEP Engineer

PROJECT SCOPE

JOC

PO

TBD

ARD

TBD

TBD

TBD

TBD

TBD

TBD

TBD

TBD

TBD

Construction \$/GSF

Total Project \$/GSF

McCarthy Building Company

Daniel Horton

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

		CPA Approved	8/17/2018
		Programming	N/A
BUDGET		Schematic Design	N/A
TOTAL	\$15,000	100% Design Docs	N/A
FUNDING SOURCES		Construction Docs	N/A
DM FY 2019	\$15,000	Construction	10/15/2018
	\$0	Substantial Completion	3/22/2019
	\$0	Final Completion	3/29/2019
	\$0	AREA DATA	
ESTIMATED BUDGET BREAKDOW	'N	GSF	0
Construction	\$12,000	ASF	0
Design	\$0	Efficiency Ratio	N/A
FF and E	\$0	CHALLENGES	
PM Fee	\$0	Current challenges for this project:	
Other Fees	\$3,000	* Interuption to 3rd Floor Lab operations	

N/A *

N/A *

TIMELINE

DP Selection

Planning

TBD

TBD

07/16/2018

1/7/2019

TIMELINE

DP Selection

CPA Approved

Programming

Planning

Contractor Selection

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.

			3	
ARQ	BUDGET		Schematic Design	TBD
CIN		\$325,000	100% Design Docs	TBD
DERS			Construction Docs	TBD
N/A	Admin Overhead	\$325,000	Construction	TBD
Greg Mace			Substantial Completion	TBD
Daniel Horton			Final Completion	TBD
Woodson Engineering			AREA DATA	
TBD	ESTIMATED BUDGET BREA	KDOWN	GSF	0
TBD	Construction	\$247,684		0
TBD	Design	\$39,050		N/A
TBD TBD	FF and E	\$0	CHALLENGES	
TBD	PM Fee	\$24,074	Current challenges for this project:	
TBD	Other Fees	\$14,912	* Traffic Control	
TBD	Construction \$/GSF	N/A	* Monsoon Season & Inclement Weather	
TBD	Total Project \$/GSF	N/A	* Adjacent Construction Projects	
	DERS N/A Greg Mace Daniel Horton Woodson Engineering TBD TBD TBD TBD TBD TBD TBD TB	TOTAL FUNDING SOURCES N/A Admin Overhead Greg Mace Daniel Horton Woodson Engineering TBD ESTIMATED BUDGET BREA TBD Construction TBD Design TBD TBD TBD TBD TBD TBD TBD TBD	TOTAL \$325,000 FUNDING SOURCES N/A Admin Overhead \$325,000 Greg Mace Daniel Horton Woodson Engineering TBD ESTIMATED BUDGET BREAKDOWN TBD Construction \$247,684 TBD Design \$39,050 TBD TBD TBD	TOTAL \$325,000 Construction Docs N/A Admin Overhead \$325,000 Construction Greg Mace Daniel Horton Woodson Engineering TBD Construction TBD Construction TBD Design TBD

TBD

07/16/2018

1/7/2019

TIMELINE

DP Selection

CPA Approved

Planning

Contractor Selection



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.

	pedestrian circulation	on and safety.		Programming	TBD
Procurement	DP for ARQ & JOC	BUDGET		Schematic Design	TBD
ABOR Project Type	CIN	TOTAL	\$325,000	100% Design Docs	TBD
KEY STAKEHOL	DERS	FUNDING SOURCES		Construction Docs	TBD
Occupants	N/A	Admin Overhead	\$325,000	Construction	TBD
User Reps	Greg Mace			Substantial Completion	TBD
NAU PM	Daniel Horton			Final Completion	TBD
Design Professional	Peak Engineering			AREA DATA	
MEP Engineer	TBD	ESTIMATED BUDGET BREA	KDOWN	GSF	0
Landscape Architect	TBD	Construction	\$243,100	ASF	0
Structural Engineer	TBD	Design	\$44,000	Efficiency Ratio	N/A
Delivery Method	TBD	FF and E	\$0	CHALLENGES	1 1 1 1
Contractor	TBD	DRA For	¢24.074		
Plumbing Sub	TBD	PM Fee	\$24,074	Current challenges for this project:	
Mechanical Sub	TBD	Other Fees	\$13,826	* Monsoons	
Fire Protection Sub	TBD	Construction \$/GSF	N/A	* Accessibility	
Electrical Sub	TBD	Total Project \$/GSF	N/A	*	

TBD

TBD

7/25/2018

TIMELINE

DP Selection

CPA Approved

Planning

N/A *

Contractor Selection

10.0080.192 — South Village Gas Pipe Line Survey



Electrical Sub

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.

Total Project \$/GSF

TBD

or that		,		Programming	TBD
Procurement	JOC	BUDGET		Schematic Design	TBD
ABOR Project Type	PO	TOTAL	\$28,000	100% Design Docs	TBD
KEY STAKEHOLDERS		FUNDING SOURCES	, ,,,,,,,	Construction Docs	TBD
Occupants	N/A	Plant Fund 2019	\$28,000	Construction	N/A
User Reps	Jon Heitzinger		\$0	Substantial Completion	3/29/2019
NAU PM	Daniel Horton		\$0	Final Completion	4/26/2019
Design Professional	TBD		\$0	AREA DATA	
MEP Engineer	TBD	ESTIMATED BUDGET BREA	KDOWN	CCF	0
Landscape Architect	TBD	Construction	\$25,760	GSF	0
Structural Engineer	TBD	Design	\$0	ASF Efficiency Batic	N/A
Delivery Method	TBD	FF and E	\$0	Efficiency Ratio	IN/A
Contractor	TBD		·	CHALLENGES	
Plumbing Sub	TBD	PM Fee	\$2,240	Current challenges for this project:	
Mechanical Sub	TBD	Other Fees		* Possible Corrosion issues	
Fire Protection Sub	TBD	Construction \$/GSF	N/A	*	



09.0004.184 — Hazardous Materials Holding Account 2018

09.0004.184 — Haza	irdous Materi	als Holding Accou	nt 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.			TIMELINE	
				DP Selection	N/A
Asbestos and Hazardous Material	Turius. Trie exact u	ses of these funds are TDD a	it tills tille.	Contractor Selection	N/A
NORTHERN ARIZONA 🔯 UNIVERSITY				Planning	7/01/2017
				CPA Approved	7/21/2017
				Programming	N/A
Procurement	PO	BUDGET		Schematic Design	N/A
ABOR Project Type	OTH	TOTAL	\$25,000	100% Design Docs	N/A
KEY STAKEHOLDERS	5	FUNDING SOURCES		Construction Docs	N/A
Occupants	TBD	DM FY 2018	\$25,000	Construction	TBD
User Reps	Justin Dinardi		\$0	Substantial Completion	TBD
NAU PM	Daniel Horton		\$0	Final Completion	TBD
Design Professional	N/A		\$0	AREA DATA	
MEP Engineer	N/A	ESTIMATED BUDGET BRI	EAKDOWN	GSF	0
Landscape Architect	N/A	Construction	\$25,000	ASF	0
Structural Engineer	N/A	Design	\$0	Efficiency Ratio	N/A
Delivery Method	PO	FF and E	\$0	CHALLENGES	1477
Contractor	N/A		Φ0		
Plumbing Sub	N/A	PM Fee	\$0	Current challenges for this project:	
Mechanical Sub	N/A	Other Fees	\$0	* N/A	
Fire Protection Sub	N/A	Construction \$/GSF	N/A	* N/A	
Electrical Sub	N/A	Total Project \$/GSF	N/A	* N/A	

7/21/2017

7/21/2017

8/3/2017

TBD

N/A

TIMELINE

DP Selection

CPA Approved

Programming

Planning

Contractor Selection



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

	project would conne	ect 2 of the master meter syste	ems on campus	Programming	IN/A
Procurement	TBD	BUDGET		Schematic Design	N/A
ABOR Project Type	NIN	TOTAL	\$950,000	100% Design Docs	N/A
KEY STAKE	HOLDERS	FUNDING SOURCES	, ,	Construction Docs	N/A
Occupants	N/A-Utility	Plant Fund 2018	\$100,000	Construction	TBD
User Reps	Jon Heitzinger	TBD	\$0	Substantial Completion	TBD
NAU PM	Daniel Horton	TBD	\$0	Final Completion	TBD
Design Professional	GLHN Architects & Engineers		\$0	AREA DATA	
MEP Engineer	N/A	ESTIMATED BUDGET BRE	AKDOWN	GSF	0
Landscape Architect	N/A	Construction	\$0	ASF	0
Structural Engineer	N/A	Design	\$90,000	Efficiency Ratio	N/A
Delivery Method Contractor	TBD TBD	FF and E	\$0	CHALLENGES	
Plumbing Sub	N/A	PM Fee	\$8,000	Current challenges for this project:	
Mechanical Sub	N/A	Other Fees	\$2,000	* Full project scope development	
Fire Protection Sub	N/A	Construction \$/GSF	N/A	* N/A	
Electrical Sub	N/A	Total Project \$/GSF	N/A	* N/A	

6/27/2017

6/27/2017

7/3/2017

TBD

N/A

TIMELINE

DP Selection

CPA Approved

Programming

Planning

Contractor Selection



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 repalce the lid or lids of the tunnel sections which are failing due to moisutre, and could be considered a work hazard for NAU employees and contractors.

				110814111111118	
Procurement	JOC	BUDGET		Schematic Design	10/15/17
ABOR Project Type	CIN	TOTAL	\$200,000	100% Design Docs	12/15/2017
KEY STAKEHOL	LDERS	FUNDING SOURCES	,	Construction Docs	12/15/2017
Occupants	N/A-Utilities	Plant Fund 2017	\$200,000	Construction	07/01/2018
User Reps	Jon Heitzinger		\$0	Substantial Completion	3/29/2019
NAU PM	Daniel Horton		\$0	Final Completion	4/26/2019
Design Professional	Hubbard Merrell		\$0	AREA DATA	
MEP Engineer	N/A	ESTIMATED BUDGET BREA	AKDOWN	GSF	
Landscape Architect	N/A	Construction	\$149,447	ASF	0
Structural Engineer	Hubbard Merrell	Design	\$36,000	Efficiency Ratio	N/A
Delivery Method	TBD	FF and E	\$0	CHALLENGES	,, .
Contractor	Loven Contracting Inc.	DRA For	¢E 054		
Plumbing Sub	N/A	PM Fee	\$5,954	Current challenges for this project	:
Mechanical Sub	N/A	Other Fees	\$8,599	* coordinating sidewalk closure an	d alt exits.
Fire Protection Sub	N/A	Construction \$/GSF	N/A	* N/A	
Electrical Sub	N/A	Total Project \$/GSF	N/A	* N/A	

09.0790.171 — Greenhouse Boiler Replacement



Procurement

Fire Protection Sub

Electrical Sub

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.

BUDGET

Construction \$/GSF

Total Project \$/GSF

ABOR Project Type	PO	TOTAL	\$141,000
KEY STAKEHOLDE	RS	FUNDING SOURCES	
Occupants	Greenhouse Facility	DM FY 2018	\$141,000
User Reps	Greenhouse Facility	VPR	\$30,000
NAU PM	Daniel Horton		\$0
Design Professional	Taylor Rymar		\$0
MEP Engineer	N/A	ESTIMATED BUDGET BR	REAKDOWN
Landscape Architect	N/A	Construction	\$110,000
Structural Engineer	N/A	Design	\$15,000
Delivery Method	Design/Installation	FF and E	\$0
Contractor	Kinetics		·
Plumbing Sub	N/A	PM Fee	\$0
Mechanical Sub	N/A	Other Fees	\$16,000

N/A

N/A

JOC

IIIVIELIINE	
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
AREA DATA	

GSF	100
ASF	100
Efficiency Ratio	100.00%

CHALLENGES

TIMELINE

Current challenges for this project:

- * Current Greenhouse boiler could fail during winter
- *

\$1,100

\$1,410

TBD

0

0

N/A

7/1/2017

7/19/2017

09.0004.181 — 2018 Multi-Building FLS Repairs



KEY STAKEHOLDERS

Procurement

Occupants

User Reps

ABOR Project Type

Fire Protection Sub

Electrical Sub

PROJECT SCOPE

TBD

CLS

Camps-wide

Jeff Young

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

		Programming	TBD
BUDGET		Schematic Design	TBD
TOTAL	\$90,000	100% Design Docs	TBD
FUNDING SOURCES		Construction Docs	TBD
DM 2018	\$90,000	Construction	TBD
		Substantial Completion	11/29/2018
		Final Completion	12/27/2018
		AREA DATA	

GSF

ASF

N/A

N/A

TIMELINE

DP Selection

CPA Approved

Planning

Contractor Selection

NAU PM	Daniel Horton		
Design Professional	TBD		
MEP Engineer	TBD	ESTIMATED BUDGET BRE	AKDOWN
Landscape Architect	TBD	Construction	\$90,000
Structural Engineer	TBD	Design	\$0
Delivery Method	TBD	FF and E	\$0
Contractor	TBD		
Plumbing Sub	TBD	PM Fee	\$0
Mechanical Sub	TBD	Other Fees	\$0

TBD

TBD

Construction \$/GSF

Total Project \$/GSF

Current	chal	lenges	tor t	his	proj	ect:

CHALLENGES

*	Scope Development
*	N/A

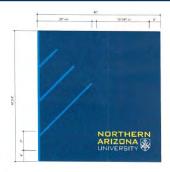
N/A

Efficiency Ratio

N/A

N/A

08.0080.171 - Annual Signage 2017



KEY STAKEHOLDERS

Procurement

Occupants

User Reps

NAU PM

ABOR Project Type

Design Professional

Landscape Architect

Structural Engineer

Delivery Method

Contractor

Plumbing Sub

Electrical Sub

Mechanical Sub

Fire Protection Sub

MEP Engineer

PROJECT SCOPE

PO

OTHER

N/A-Signs

Greg Mace

N/A

N/A

N/A

N/A

PO

N/A

N/A

N/A

N/A

N/A

Other Fees

Construction \$/GSF

Total Project \$/GSF

Daniel Horton

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.

		Planning	07/01/2016
		CPA Approved	10/31/2016
		Programming	N/A
BUDGET		Schematic Design	N/A
TOTAL	\$25,000	100% Design Docs	N/A
FUNDING SOURCES	. ,	Construction Docs	N/A
Admin OH	\$25,000	Construction	12/18/17
		Substantial Completion	N/A
		Final Completion	3/15/2019
		AREA DATA	
ESTIMATED BUDGET BREAKDO	WN	GSF	0
Construction	\$0	ASF	0
Design	\$0	Efficiency Ratio	N/A
FF and E	\$25,000	CHALLENGES	
PM Fee	\$0	Current challenges for this project:	

\$0

N/A

N/A

TIMELINE

DP Selection

Contractor Selection

Material Lead-time

N/A

N/A

7/1/2017

TBD

N/A



09.0005.181 — ADA Holding Account 2018



Procurement

ABOR Project Type

PROJECT SCOPE

PO

CAD

TBD

TBD

TBD

TBD

TOTAL

DM FY 2018

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

BUDGET

FUNDING SOURCES

DP Selection	TBD
Contractor Selection	TBD

Planning 7/19/2017 **CPA Approved**

TBD Programming

TBD Schematic Design

TBD Construction Docs

TBD Construction **Substantial Completion TBD**

Final Completion TBD

KEY STAKEHOLDERS

Occupants	All Campus
-----------	------------

Multiple **User Reps**

Daniel Horton NAU PM

Design Professional	N/A
---------------------	-----

TBD MEP Engineer TBD Landscape Architect

TBD Structural Engineer PO **Delivery Method**

Contractor

Mechanical Sub

Fire Protection Sub

Plumbing Sub

Electrical Sub

ESTIMATED BUDGET BREAKDOWN

Construction \$24,853 Design \$0 FF and E \$0

\$0 **PM Fee** \$147

Other Fees Construction \$/GSF

Total Project \$/GSF TBD

AREA DATA

TIMELINE

100% Design Docs

\$25,000

\$25.000

GSF 0 **ASF** 0

CHALLENGES

Current challenges for this project:

Scope development

\$8,300 Remaining

Efficiency Ratio

N/A N/A

N/A

8/10/2017

8/14/2017

9/8/2017

TIMELINE

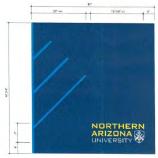
DP Selection

CPA Approved

Planning

Contractor Selection

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.

•	match the adjacent	and previous installation.		Programming	N/A
Procurement	РО	BUDGET		Schematic Design	N/A
ABOR Project Type	CIN	TOTAL	\$25,000	100% Design Docs	N/A
KEY STAKEHOLI	DERS	FUNDING SOURCES	, ,	Construction Docs	N/A
Occupants	N/A-Signs	University Central	\$25,000	Construction	9/25/2017
User Reps	Greg Mace			Substantial Completion	10/20/2017
NAU PM	Daniel Horton			Final Completion	3/15/2019
Design Professional	N/A			AREA DATA	
MEP Engineer	N/A	ESTIMATED BUDGET BREA	KDOWN	GSF	0
Landscape Architect		Construction	\$18,000	ASF	0
Structural Engineer	N/A	Design	\$0	Efficiency Ratio	N/A
Delivery Method	РО	FF and E	\$4,000	CHALLENGES	14/7 (
Contractor	Foundations Concrete			CHALLENGES	
Plumbing Sub	N/A	PM Fee	\$1,852	Current challenges for this project:	
Mechanical Sub	N/A	Other Fees	\$1,148	* Underground Utilities	
Fire Protection Sub	N/A	Construction \$/GSF	N/A	* Stone Lead Time	
Electrical Sub	N/A	Total Project \$/GSF	N/A	* Signage Lead Time	

TBD

TRD

08/13/2018

10.0020.191 — Sechrist Water Meter Repair



KEY STAKEHOLDERS

Procurement

Occupants

User Reps

NAU PM

ABOR Project Type

Design Professional

Landscape Architect

Structural Engineer

Delivery Method

Contractor

Plumbing Sub

Electrical Sub

Mechanical Sub

Fire Protection Sub

MEP Engineer

PROJECT SCOPE

JOC

PO

TBD

TBD

TBD

TBD

TBD

TBD

TBD

TBD

TBD

Total Project \$/GSF

NAU Residential Life

Christopher Thrash

Eagle Mountain Construction

Daniel Horton

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.

		CPA Approved	טפו
		Programming	TBD
BUDGET		Schematic Design	TBD
TOTAL	\$21,000	100% Design Docs	TBD
FUNDING SOURCES		Construction Docs	TBD
Plant Fund 2019	\$21,000	Construction	TBD
	\$0	Substantial Completion	12/28/2018
	\$0	Final Completion	1/25/2019
	\$0	AREA DATA	
ESTIMATED BUDGET BREAKDOWN		GSF	0
Construction	\$13,000	ASF	0
Design	\$0	Efficiency Ratio	N/A
FF and E	\$0	CHALLENGES	
PM Fee	\$1,000	Current challenges for this project	:
Other Fees	\$7,000	* Water shutdown for 10 hours du	ring semester
Construction \$/GSF	N/A	*	

N/A *

TIMELINE

DP Selection

CPA Approved

Planning

TBD

N/A



08.0080.192 — New Logo Signage Updates



KEY STAKEHOLDERS

Procurement

Occupants

User Reps

NAU PM

ABOR Project Type

Design Professional

Landscape Architect

Structural Engineer

Delivery Method

Contractor

Plumbing Sub

Electrical Sub

Mechanical Sub

Fire Protection Sub

MEP Engineer

PROJECT SCOPE

TBD

TBD

N/A

TBD

TBD

TBD

TBD

TBD

TBD

TBD

TBD

TBD

Ann Marie P. deWees

Daniel Horton

TOTAL

Construction

Design

FF and E

PM Fee

Other Fees

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

BUDGET

FUNDING SOURCES

TIMELINE

DP Selection

TBD Contractor Selection

8/31/2018 **Planning**

CPA Approved TRD **Programming**

Schematic Design TBD

TBD 100% Design Docs

TBD Construction Docs TBD Construction

Substantial Completion TBD

Final Completion TBD

AREA DATA

GSF 0 **ASF** 0

Efficiency Ratio

CHALLENGES

Current challenges for this project:

\$0

\$0

\$0

\$0

\$0

\$0

\$0

\$0

\$0

\$0

Construction \$/GSF N/A

Total Project \$/GSF N/A * **TBD**

ESTIMATED BUDGET BREAKDOWN

12.0010.191 — Yuma Chilled Waterline Repair



Procurement

Plumbing Sub

Electrical Sub

Mechanical Sub

Fire Protection Sub

ABOR Project Type

PROJECT SCOPE

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

BUDGET

FUNDING SOURCES

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
AREA DATA	
GSF	0
ASF	0
Efficiency Ratio	N/A
CHALLENGES	
Current challenges for this project:	

TIMELINE

DP Selection

\$219,000

\$0

N/A *

N/A *

Occupants	NAU-YUMA/AWC	Plany Fund 2019	\$219,000
User Reps	NAU-YUMA		\$0
NAU PM	Daniel Horton		\$0
Design Professional	TBD		\$0
MEP Engineer	TBD	ESTIMATED BUDGET BI	REAKDOWN
Landscape Architect	TBD	Construction	\$201,480
Structural Engineer	TBD	Design	\$0
Delivery Method	TBD	FF and E	\$0
Contractor	Summa Mechanical Contractors		
Dlumbing Sub	TBD	PM Fee	\$17,520

TBD

TBD

TBD

JOC

PO

TOTAL

Other Fees

Construction \$/GSF

Total Project \$/GSF

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.

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
AREA DATA	
GSF	0
ASF	0
Efficiency Ratio	N/A
CHALLENGES	
Current challenges for this project:	

TIMELINE

Procurement	РО	BUDGET		Schematic Design	TBD
ABOR Project Type	TBD	TOTAL		100% Design Docs	TBD
KEY STAKEHOLDER	S	FUNDING SOURCES		Construction Docs	TBD
Occupants	N/A	DM 2018	\$190,000	Construction	TBD
User Reps	Frank McArthur		\$0	Substantial Completion	3/22/2019
NAU PM	Daniel Horton		\$0	Final Completion	4/26/2019
Design Professional	TBD		\$0	AREA DATA	
MEP Engineer	TBD	ESTIMATED BUDGET BREAKD	OWN	GSF	0
Landscape Architect	TBD	Construction	\$0	ASF	0
Structural Engineer	TBD	Design	\$0	Efficiency Ratio	N/A
Delivery Method	TBD	FF and E	\$0	-	14/7 (
Contractor	Shaum Electrical		·	CHALLENGES	
Plumbing Sub	TBD	PM Fee	\$0	Current challenges for this project	:
Mechanical Sub	TBD	Other Fees	\$0	* Establishing Cost Share Agreem	ent with Forest
Fire Protection Sub	TBD	Construction \$/GSF	N/A	* Service	
Electrical Sub	TBD	Total Project \$/GSF	N/A	*	

TBD

0

N/A

09/17/2018

09.0004.194 - 2019 AED Holding Account



PROJECT SCOPE

TBD

PO

N/A

N/A

N/A

N/A

N/A

N/A

N/A

TOTAL

PM Fee

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

BUDGET

FUNDING SOURCES

	Planning	09/11/2010
	CPA Approved	TBD
	Programming	TBD
	Schematic Design	TBD
\$25,000	100% Design Docs	TBD
· -/	Construction Docs	TBD
\$25,000	Construction	TBD
\$0	Substantial Completion	5/31/2019
\$0	Final Completion	6/28/2019
\$0	AREA DATA	
J	GSF	0
\$0		

TIMELINE

DP Selection

Planning

ASF

\$0

\$0

N/A

N/A *

Efficiency Ratio

CHALLENGES

Current challenges for this project:

Contractor Selection

KEY STAKEHOLDERS

Occupants	N/A	DM 2019
User Reps		

NAU PM	Daniel Horton
Design Professional	N/A

Landscape Architect	N/A
Structural Engineer	N/A

Contractor		
Plumbing Sub		

Mechanical Sub

Electrical Sub

Delivery Method

MEP Engineer

Procurement

ABOR Project Type

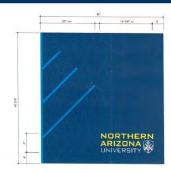
Fire Protection Sub

	\$0
	\$0
	\$0
ESTIMATED BUDGET BREAKDOWN	
Construction	\$0
Design	\$0
FF and E	\$0

Other Fees	
Construction \$/GSF	
Total Project \$/GSF	

TBD

08.0080.191 — Annual Signage Holding Account 2019



PROJECT SCOPE

NI/A

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.

BUDGET

Planning	8/3/2018
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD

TIMELINE

DP Selection

\$0

\$0

\$0

Contractor Selection

ABOR Project Type

Procurement

KEY STAKEHOLDERS

Occupants	IN/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
Direction Cris	NI/A

Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

DODGET	
OTAL	\$0
UNDING SOURCES	



FF and E	φυ
PM Fee	\$0
Other Fees	\$0

N/A
N/A

100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD
AREA DATA	

0
0
N/A



TBD

TBD

10/09/2018



09.0002.196 — Parking Structure Maintenance 2019

DP for ARQ & JOC

CAX

N/A

TBD

TBD

TBD

TBD

TBD

TBD

TBD

TBD

TBD

Other Fees

Construction \$/GSF

Total Project \$/GSF

Erin Stam

Daniel Horton

Kimley-Horn



KEY STAKEHOLDERS

Procurement

Occupants

User Reps

NAU PM

ABOR Project Type

Design Professional

Landscape Architect

Structural Engineer

Delivery Method

Contractor

Plumbing Sub

Electrical Sub

Mechanical Sub

Fire Protection Sub

MEP Engineer

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 treatement maintenance, joint replacements, painting, & cleaning.

		• •	
		Programming	TBD
BUDGET		Schematic Design	TBD
TOTAL	\$250,000	100% Design Docs	TBD
FUNDING SOURCES		Construction Docs	TBD
Parking	\$250,000	Construction	TBD
		Substantial Completion	TBD
		Final Completion	TBD
		AREA DATA	
ESTIMATED BUDGET BREA	KDOWN	GSF	0
Construction	\$189,000	ASF	0
Design	\$37,406	Efficiency Ratio	N/A
FF and E	\$0	CHALLENGES	
PM Fee	\$18,519	Current challenges for this project:	
	4		

\$5,075

N/A

TIMELINE

DP Selection

CPA Approved

Planning

Contractor Selection

Summer Monsoons

Traffic Control

Orientation, Camps, & Conferences

TBD

TBD

10/09/2018

TIMELINE

DP Selection

CPA Approved

Planning

Contractor Selection

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.

				Programming	TBD
Procurement	DP for ARQ & JOC	BUDGET		Schematic Design	TBD
ABOR Project Type	CAX	TOTAL	\$650,000	100% Design Docs	TBD
KEY STAKEHOL	DERS	FUNDING SOURCES	, ,	Construction Docs	TBD
Occupants	N/A	Parking	\$650,000	Construction	TBD
User Reps	Erin Stam		\$0	Substantial Completion	TBD
NAU PM	Daniel Horton		\$0	Final Completion	TBD
Design Professional	Woodson Engineering		\$0	AREA DATA	
MEP Engineer	TBD	ESTIMATED BUDGET BREA	KDOWN	GSF	0
Landscape Architect	TBD	Construction	\$533,400	ASF	0
Structural Engineer	TBD	Design	\$55,000	Efficiency Ratio	N/A
Delivery Method Contractor	TBD TBD	FF and E	\$0	CHALLENGES	IN/A
Plumbing Sub	TBD	PM Fee	\$48,148	Current challenges for this project:	
Mechanical Sub	TBD	Other Fees	\$13,452	* Traffic Control	
Fire Protection Sub	TBD	Construction \$/GSF	N/A	* Monsoon Season & Inclement Weather	
Electrical Sub	TBD	Total Project \$/GSF	N/A	* Coordination with Camps/Conferences	& other Summ

TBD

TBD

11/09/2018

10.0000.191 — Protocol on Building Startup after Shutdown



Procurement

ABOR Project Type

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.

		Programming	TBD
BUDGET		Schematic Design	TBD
TOTAL	\$17,000	100% Design Docs	TBD
FUNDING SOURCES		Construction Docs	TBD
Plant Fund 2019	\$17,000	Construction	TBD
	\$0	Substantial Completion	5/31/2019
	\$0	Final Completion	6/28/2019
FUNDING SOURCES Plant Fund 2019	\$0	Construction Substantial Completion	TBD 5/31/2019

TIMELINE

DP Selection

CPA Approved

Planning

	IOIAL	\$17,000	•	
	FUNDING SOURCES		Construction Docs	TBD
N/A	Plant Fund 2019	\$17,000	Construction	TBD
Jon Heitzinger		\$0	Substantial Completion	5/31/2019
Daniel Horton		\$0	Final Completion	6/28/2019
TBD		\$0	AREA DATA	
TBD	ESTIMATED BUDGET BREA	KDOWN	GSF	0
TBD	Construction	\$5,000		0
TBD	Design	\$0		N/A
TBD	FF and F	\$0	•	IN/A
TBD	TT dild E	Ψ	CHALLENGES	
TBD	PM Fee	\$2,000	Current challenges for this project:	
TBD	Other Fees	\$10,000	*	
TBD	Construction \$/GSF	N/A	*	
TBD	Total Project \$/GSF	N/A	*	
	Jon Heitzinger Daniel Horton TBD	Jon Heitzinger Daniel Horton TBD TBD ESTIMATED BUDGET BREAU TBD Construction TBD Design TBD FF and E TBD TBD PM Fee TBD Other Fees TBD Construction \$/GSF	N/A Plant Fund 2019 \$17,000	N/A Plant Fund 2019 \$17,000 Construction Jon Heitzinger Daniel Horton TBD

1/8/2019

12/20/2018

09.0992.191 — Grannys Closet Renovation



KEY STAKEHOLDERS

Procurement

Occupants

User Reps

NAU PM

ABOR Project Type

Design Professional

Landscape Architect

Structural Engineer

Delivery Method

Contractor

Plumbing Sub

Electrical Sub

Mechanical Sub

Fire Protection Sub

MEP Engineer

PROJECT SCOPE

JOC

PO

N/A

TBD

TBD

TBD

TBD

TBD

TBD

TBD

TBD

TBD

Construction \$/GSF

Total Project \$/GSF

Wespac Construction Inc.

Dan Okoli

Daniel Horton

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.

		CPA Approved	TBD
		Programming	TBD
BUDGET		Schematic Design	TBD
TOTAL	\$0	100% Design Docs	TBD
FUNDING SOURCES		Construction Docs	TBD
TBD	\$0	Construction	TBD
	\$0	Substantial Completion	TBD
	\$0	Final Completion	TBD
	\$0	AREA DATA	
ESTIMATED BUDGET BREAKDOWN		GSF	0
Construction	\$0	ASF	0
Design	\$0		
	ΨΟ	Efficiency Ratio	N/A
FF and E	\$0	Efficiency Ratio CHALLENGES	N/A
FF and E PM Fee			N/A

N/A *

N/A *

TIMELINE

DP Selection

Planning

TBD

TBD

01/08/2019



13.0500.191 — Phoenix North Valley Development Department Office



KEY STAKEHOLDERS

Procurement

Occupants

User Reps

NAU PM

ABOR Project Type

Design Professional

Landscape Architect

Structural Engineer

Delivery Method

Contractor

Plumbing Sub

Electrical Sub

Mechanical Sub

Fire Protection Sub

MEP Engineer

PROJECT SCOPE

JOC

PO

N/A

TBD

Total Project \$/GSF

Meghan Fronst

Daniel Horton

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

		Programming	TBD
BUDGET		Schematic Design	TBD
TOTAL	\$0	100% Design Docs	TBD
FUNDING SOURCES		Construction Docs	TBD
	\$0	Construction	TBD
	\$0	Substantial Completion	6/28/2019
	\$0	Final Completion	7/26/2019
	\$0	AREA DATA	
ESTIMATED BUDGET BREAKDOWN		GSF	0
Construction	\$0	ASF	0
Design	\$0	Efficiency Ratio	N/A
FF and E	\$0	CHALLENGES	
PM Fee	\$0	Current challenges for this project:	
Other Fees	\$0	*	
Construction \$/GSF	N/A	*	

N/A *

TIMELINE

DP Selection

CPA Approved

Planning

TBD

4/30/2019

10.0060.192 — HTHW Leak Repair Near McConnell

PROJECT SCOPE



NAU PM

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

RUDGET

Planning	1/7/2019
CPA Approved	TBD
Programming	TBD
Schematic Design	TBD

TIMELINE

DP Selection

Contractor Selection

Final Completion

Procurement	JOC
ABOR Project Type	РО
KEY STAKEHOLDERS	

KEY STAKEHOLDERS		FUNDING SOUI
Occupants	N/A	Plant Fund 20
User Reps	Jon Heitzinger	

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	3D
----------------	----

DODOLI	
TOTAL	\$45,000
FUNDING SOURCES	





ESTIMATED BUDGET BREAKDOWN

Construction

Ψ00,000
\$0
\$0

\$38,000

PM Fee	\$4,000	
Other Fees	\$3.000	

Construction \$/GSF	N/A
Total Project \$/GSF	N/A

	TDE
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	3/30/2019



CHALLENGES

AREA DATA

Current challenges for this project:

TARYN WILLIAMS

TBD

09.0250.183 — HLC DISABILITY RESOURCES NEW OFFICE

PO

OTH

Disability Resources

Jamie Axelrod

Taryn Williams

In House

NA

N/A

N/A

PO

NA

NA

NA

in House

Other Fees

Construction \$/GSF

Total Project \$/GSF

In House

Restroom

KEY STAKEHOLDERS

Procurement

Occupants

User Reps

NAU PM

ABOR Project Type

Design Professional

Landscape Architect

Structural Engineer

Delivery Method

Contractor

Plumbing Sub

Electrical Sub

Mechanical Sub

Fire Protection Sub

MEP Engineer

PROJECT SCOPE

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

		Planning	02/06/2018
		CPA Approved	TBD
		Programming	TBD
BUDGET		Schematic Design	N/A
TOTAL	\$22,800	100% Design Docs	N/A
FUNDING SOURCES		Construction Docs	N/A
	\$0	Construction	N/A
	\$0	Substantial Completion	1/7/2018
	\$0	Final Completion	TBD
	\$0	AREA DATA	
ESTIMATED BUDGET BREAKE	OOWN	GSF	0
Construction	\$9,200	ASF	0
Design	\$816	Efficiency Ratio	N/A
FF and E	\$11,095	CHALLENGES	
PM Fee	\$1,689	Current challenges for this project:	

\$0

N/A

N/A *

TIMELINE

Door & jamb installation issues

finishes issues, to receive follow up

DP Selection

5/21/2018

3/20/2018

TBD

09.0770.181 — Building 77 Space Optimization



KEY STAKEHOLDERS

Procurement

Occupants

User Reps

NAU PM

ABOR Project Type

Design Professional

Landscape Architect

Structural Engineer
Delivery Method

MEP Engineer

Contractor

Plumbing Sub

Electrical Sub

Mechanical Sub

Fire Protection Sub

PROJECT SCOPE

ARQ

Facility Services

Taryn Williams

Dan Okoli

TBD

N/A

N/A

N/A

TBD

N/A

N/A

N/A

N/A

Construction \$/GSF

Total Project \$/GSF

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.

		CPA Approved	TBD
		Programming	10/31/2018
BUDGET		Schematic Design	N/A
TOTAL	\$99,500	100% Design Docs	N/A
FUNDING SOURCES		Construction Docs	N/A
	\$0	Construction	N/A
	\$0	Substantial Completion	N/A
	\$0	Final Completion	N/A
	\$0	AREA DATA	
ESTIMATED BUDGET BREAKE	OOWN	GSF	127,981
Construction	\$0	ASF	103,780
Design	\$0	Efficiency Ratio	81.09%
FF and E	\$0	CHALLENGES	
PM Fee	\$0	Current challenges for this project:	
Other Fees	\$0	* Open-plan acceptance	

\$0

\$1

Phasing

Swing Space

TIMELINE

DP Selection

Planning

TBD



09.0002.186 - FY18 Classroom Holding Account

PROJECT SCOPE

PO

OTH

Various

Various

TBD

NA

NA

N/A

NA

NA

NA

NA

Construction \$/GSF

Total Project \$/GSF

Installation

In House

Taryn Williams



KEY STAKEHOLDERS

Procurement

Occupants

User Reps

NAU PM

ABOR Project Type

Design Professional

Landscape Architect

Structural Engineer

Delivery Method

Contractor

Plumbing Sub

Electrical Sub

Mechanical Sub

Fire Protection Sub

MEP Engineer

Holding Account for classroom upgrades throughout campus.

		Planning	4/25/2018
		CPA Approved	TBD
		Programming	TBD
BUDGET		Schematic Design	TBD
TOTAL	\$0	100% Design Docs	N/A
FUNDING SOURCES		Construction Docs	N/A
	\$0	Construction	N/A
	\$0	Substantial Completion	8/24/2018
	\$0	Final Completion	8/31/2018
	\$0	AREA DATA	
ESTIMATED BUDGET BREAKDOWN		GSF	0
Construction	\$0	ASF	0
Design	\$0	Efficiency Ratio	N/A
FF and E	\$0	CHALLENGES	
PM Fee	\$0	Current challenges for this project:	
Other Fees	\$0	*	

N/A *

N/A *

TIMELINE

DP Selection

N/A



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



KEY STAKEHOLDERS

Procurement

Occupants

User Reps

NAU PM

ABOR Project Type

Design Professional

Landscape Architect

Structural Engineer

Delivery Method

Contractor

Plumbing Sub

Electrical Sub

Mechanical Sub

Fire Protection Sub

MEP Engineer

PROJECT SCOPE

PO

OTH

N/A

TBD

N/A

N/A

N/A

TBD

N/A

N/A

N/A

N/A

Taryn Williams

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.

BUDGET

ESTIMATED BUDGET BREAKDOWN

FUNDING SOURCES

Learning Space F

Construction

Design

FF and E

PM Fee

Other Fees

Construction \$/GSF

Total Project \$/GSF

TOTAL

Contractor Selection	IN/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
AREA DATA	
GSF	0
ASF	0
Efficiency Ratio	N/A
CHALLENGES	
Current challenges for this project:	

TIMELINE

DP Selection

\$233.456

\$0

\$0

\$0

\$0

\$0

\$0

N/A *

N/A *

\$107,390

\$107,390

\$18,676

TBD

6/7/2018

09.0300.181 — Kaibab Room Remodel for IMQ



KEY STAKEHOLDERS

Procurement

Occupants

User Reps

NAU PM

ABOR Project Type

Design Professional

Landscape Architect

Structural Engineer

Delivery Method

Contractor

Plumbing Sub

Electrical Sub

Mechanical Sub

Fire Protection Sub

MEP Engineer

PROJECT SCOPE

PO

Office for Inclusion

Jane Kuhn

In House

NA

N/A

N/A

PO

N/A

NA

NA

NA

In House

Construction \$/GSF

Total Project \$/GSF

Taryn Williams

Move Transfer & Commuter Center to Career Services, move Career to IMQ and move IMQ to TCC and expand intot the Kiabab Room at Univerity union.

		CPA Approved	TBD
		Programming	TBD
BUDGET		Schematic Design	TBD
TOTAL	\$217,000	100% Design Docs	TBD
FUNDING SOURCES		Construction Docs	
	\$0	Construction	11/1/18
	\$0	Substantial Completion	1/7/2019
	\$0	Final Completion	TBD
	\$0	AREA DATA	
ESTIMATED BUDGET BREAK	DOWN	GSF	0
Construction	\$0	ASF	0
Design	\$0	Efficiency Ratio	N/A
FF and E	\$0	CHALLENGES	
PM Fee	\$0	Current challenges for this project:	
Other Fees	\$0	*	

N/A

N/A *

TIMELINE

DP Selection

Planning

TBD

TBD

N/A

09.0002.187 — FY18 Miscellaneous Classroom Needs

Students & Faculty

NA

NA

NA



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.

BUDGET

FUNDING SOURCES

TOTAL

DP Selection		

TIMELINE

TBD Contractor Selection

6/11/2018 **Planning**

TBD CPA Approved

TBD Programming

Schematic Design TBD

TBD

Construction Docs

Substantial Completion TBD

Final Completion TBD

AREA DATA

100% Design Docs

Construction

\$100,000

\$0

\$0

\$0

\$0

\$0

\$0

\$0

GSF 0 **ASF** 0

Efficiency Ratio

CHALLENGES

Current challenges for this project:

Procurement

Occupants

Mechanical Sub

Electrical Sub

Fire Protection Sub

ABOR Project Type

KEY STAKEHOLDERS

User Reps		
NAU PM	Taryn Williams	
Design Professional	In House	
MEP Engineer	NA	ESTIMATED BUDGET BREAKDOWN
Landscape Architect	N/A	Construction
Structural Engineer	N/A	Design
Delivery Method	Purchase Order	FF and E
Contractor	N/A	
Plumbing Sub	NA	PM Fee

PM Fee	\$0
Other Fees	\$0
Construction \$/GSF	N/A
Total Project \$/GSF	N/A

TBD

TBD

N/A

09.0002.188 — FY18 Miscellaneous Classroom Furniture



PROJECT SCOPE

PO

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

BUDGET

FUNDING SOURCES

TIMELINE	

DP Selection

Construction

\$25,000

\$0

\$0

\$0

\$0

\$0

\$0

N/A

N/A *

TBD Contractor Selection

6/11/2018 **Planning**

TBD CPA Approved

TRD **Programming**

Schematic Design TBD

100% Design Docs

TBD Construction Docs

Substantial Completion TBD

Final Completion TBD

KEY STAKEHOLDERS

Occupants Stud	ents & Faculty
-----------------------	----------------

User Reps Taryn Williams

In House **Design Professional**

NA **MEP Engineer** NA **Landscape Architect**

N/A **Structural Engineer TBD Delivery Method**

Contractor **Plumbing Sub**

Procurement

NAU PM

ABOR Project Type

Mechanical Sub

Fire Protection Sub **Electrical Sub**

ESTIMATED BUDGET BREAKDOWN

Construction \$0 \$0 Design FF and E \$0

PM Fee

N/A

NA

NA

NA

NA

TOTAL

Other Fees Construction \$/GSF

Total Project \$/GSF

AREA DATA

GSF 0 **ASF** 0

Efficiency Ratio

CHALLENGES

Current challenges for this project:

PAGE 7 OF 27

TBD

TBD

TBD

TBD

TBD

TBD

TBD

TBD

0

0

N/A

11/1/2018

4/25/2018

TIMELINE

DP Selection

CPA Approved

Programming

Schematic Design

Planning

N/A *

N/A *

Contractor Selection

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



Procurement

Fire Protection Sub

Electrical Sub

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.

BUDGET

ABOR Project Type		TOTAL	\$425,000	100% Design Docs
KEY STAKEHOLDERS		FUNDING SOURCES		Construction Docs
Occupants	N/A	Learning Space F	\$425,000	Construction
User Reps	Kathy Reese		\$0	Substantial Completion
NAU PM	Taryn Williams		\$0	Final Completion
Design Professional	TBD		\$0	AREA DATA
MEP Engineer	TBD	ESTIMATED BUDGET BREA	KDOWN	GSF
Landscape Architect	TBD	Construction	\$195,000	ASF
Structural Engineer	TBD	Design	\$0	Efficiency Ratio
Delivery Method		FF and E	\$195,000	
Contractor	TBD			CHALLENGES
Plumbing Sub	TBD	PM Fee	\$34,000	Current challenges for this project:
Mechanical Sub	TBD	Other Fees	\$0	*

Construction \$/GSF

Total Project \$/GSF

TBD

TBD

TBD

TBD

N/A

09.0161.181 — Third Floor Space Optimization for Marketing

PROJECT SCOPE



Redesign third floor to add more office space and kitchenette.

BUDGET

5/14/2018 **Planning TBD CPA Approved TBD**

Procurement

Contractor

Plumbing Sub

Electrical Sub

Mechanical Sub

Fire Protection Sub

ABOR Project Type

KEY STAKEHOLDERS

N/A **Occupants Ahsley Chitwood User Reps** Taryn Williams **NAU PM TBD Design Professional** N/A **MEP Engineer** N/A **Landscape Architect** N/A **Structural Engineer** N/A **Delivery Method**

TBD N/A N/A

N/A

N/A

\$0 **TOTAL FUNDING SOURCES** \$0 \$0 \$0 \$0 **ESTIMATED BUDGET BREAKDOWN** \$0 Construction \$0 Design \$0 FF and E

\$0 **PM Fee** \$0 **Other Fees**

Construction \$/GSF **Total Project \$/GSF**

TBD Schematic Design

100% Design Docs **TBD Construction Docs**

TBD Construction **Substantial Completion TBD**

Final Completion TBD

AREA DATA

TIMELINE

DP Selection

Programming

Contractor Selection

GSF 0 **ASF** 0

CHALLENGES

Efficiency Ratio

N/A

N/A *

Current challenges for this project:

TBD

0

09.0430.181 — Gateway Advising Redsign

PROJECT SCOPE



KEY STAKEHOLDERS

Procurement

Occupants

User Reps

NAU PM

ABOR Project Type

Design Professional

Landscape Architect

Structural Engineer

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.

BUDGET

FUNDING SOURCES

Total Project \$/GSF

TOTAL

lection			

TIMELINE

TBD Contractor Selection 5/10/18

TBD CPA Approved

TRD **Programming**

Schematic Design TBD

TBD Construction Docs

TBD Construction

\$0	Construction
\$0	Substantial Completion TBD
\$0	Final Completion TBD
\$0	AREA DATA

GSF

N/A *

\$0

DP Sel

Planning

100% Design Docs

N/A **MEP Engineer ESTIMATED BUDGET BREAKDOWN**

In House

N/A

N/A

N/A

N/A

N/A

Advising

Terri Hayes

Taryn Williams

Construction	\$0
Design	\$0
FF and E	\$0

ASF	U
Efficiency Ratio	N/A
CHALLENGES	

Delivery Method	N/A
Contractor	TBD

PM Fee	\$0
	4.0

Current challenges for this project:

Plumbing Sub N/A **Mechanical Sub** N/A Fire Protection Sub

\$0 Other Fees

Construction \$/GSF N/A

Electrical Sub

N/A

09.0510.182 — Babbitt Provost Office Reconfigure



Procurement

Occupants

User Reps

Delivery Method

Contractor

Plumbing Sub

Electrical Sub

Mechanical Sub

Fire Protection Sub

ABOR Project Type

PROJECT SCOPE

PO

PO

N/A

In House

In House

In House

In House

Provost Team

Provost Office

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

BUDGET

FUNDING SOURCES

TOTAL

TIMELINE	

DP Selection

Construction

N/A Contractor Selection

06/25/2018 **Planning**

TBD CPA Approved

TBD Programming

Schematic Design TBD

TBD 100% Design Docs

TBD Construction Docs TBD

Substantial Completion TBD

Final Completion TBD

AREA DATA

GSF 0 0 **ASF**

Efficiency Ratio

CHALLENGES

Current challenges for this project:

\$57,700

\$0

\$0

\$0

\$0

NAU PM	Taryn Williams
Design Professional	N/A
MEP Engineer	N/A
Landscape Architect	N/A
Structural Engineer	N/A

KEY STAKEHOLDERS

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 *

09.0302.181 — Hot Spot Employee Restroom Remodel



KEY STAKEHOLDERS

Procurement

Occupants

User Reps

NAU PM

ABOR Project Type

Design Professional

Landscape Architect

Structural Engineer

Delivery Method

Contractor

Plumbing Sub

Electrical Sub

Mechanical Sub

Fire Protection Sub

MEP Engineer

PROJECT SCOPE

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

BUDGET

FUNDING SOURCES

TOTAL

Construction

Design

FF and E

PM Fee

Other Fees

N/A

IMEG

TBD

TBD

TBD

TBD

TBD

TBD

Task Order

TC Eberly

Taryn Williams

3ustamante/Kelly Collaborative

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

AREA DATA

TIMELINE

GSF 0 0

Efficiency Ratio

CHALLENGES

Current challenges for this project:

\$0 _{*}

\$0

\$0

\$0

\$0

\$0

\$0

\$0

\$0

\$0

Construction \$/GSF N/A *

TBD **Total Project \$/GSF** N/A *

ESTIMATED BUDGET BREAKDOWN

ntial Completion

PAGE 12 OF 27

N/A

09.0160.191 — Media Innovation Center Renovation

PROJECT SCOPE

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

BUDGET

FUNDING SOURCES

TOTAL

Construction

Design

FF and E

PM Fee

Other Fees

TBD

TBD

TBD

TBD

TBD

TIMELINE

Planning

\$0

\$0

\$0

\$0

\$0

\$0

\$0

\$0

\$0

N/A **DP Selection** N/A

Contractor Selection 07/16/2018

TBD CPA Approved

TBD Programming

Schematic Design TBD

TBD 100% Design Docs

TBD Construction Docs

TBD Construction **Substantial Completion TBD**

Final Completion TBD

AREA DATA

GSF 0 **ASF** 0

Efficiency Ratio

CHALLENGES

Current challenges for this project:

\$0

Construction \$/GSF N/A

Total Project \$/GSF N/A * **TBD**

ESTIMATED BUDGET BREAKDOWN

Procurement

ABOR Project Type

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Brian Rackham

Taryn Williams **NAU PM**

In House **Design Professional** NA

MEP Engineer NA **Landscape Architect** N/A **Structural Engineer**

Delivery Method Contractor

Plumbing Sub

Mechanical Sub Fire Protection Sub

Electrical Sub

N/A

TRD

09.0330.191 — HRM Room 108D Classroom Creation



KEY STAKEHOLDERS

Procurement

MEP Engineer

Plumbing Sub

Mechanical Sub

Landscape Architect

Structural Engineer

ABOR Project Type

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.

BUDGET

FUNDING SOURCES

TOTAL

\$25,000

\$0

\$0

DP Selection	N/A
Contractor Selection	N/A

8/1/2018 **Planning**

TBD CPA Approved

Programming Schematic Design TBD

TBD 100% Design Docs

TBD Construction Docs TBD

Substantial Completion TBD

Final Completion TBD

Occupants	N/A
User Reps	Roger Bounds

PO

Taryn Williams \$0 **NAU PM TBD** \$0 **Design Professional**

> **TBD** ESTIMATED BUDGET BREAKDOWN **TBD** Construction \$0 **TBD** Design \$0

TBD Delivery Method FF and E \$23,082 **TBD** Contractor

> \$1,852 **PM Fee** TBD

Other Fees \$66 **TBD**

Construction \$/GSF N/A **TBD** Fire Protection Sub

Total Project \$/GSF N/A * **TBD Electrical Sub**

AREA DATA

Construction

TIMELINE

GSF 0 **ASF** 0

Efficiency Ratio N/A

CHALLENGES

Current challenges for this project:

10/20/2017



09.0301.171 — University Union Remodel



PROJECT SCOPE

N/A

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.

ABOR Project Type	CAX
Procurement	JOC

Occupants	Students and Faculty
User Reps	TC Eberly
NAU PM	Taryn Williams

Design Professional	Lightvox Studio
Design Professional	Lightvox Studio

Landscape Architect	N/A
Structural Engineer	N/A
Delivery Method	JOC
Contractor	Core Construction

MEP Engineer

Contractor

Plumbing Sub	IMCOR

Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	NJ Shaum

В	U	D	G	E.	

TOTAL \$2,400,00

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

Construction

Contractor Selection	9/20/2016

9/1/2016 **Planning**

2/21/2016 **CPA Approved Programming** N/A

Schematic Design N/A

N/A **100% Design Docs**

N/A **Construction Docs**

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

N/A

N/A

5/15/2017



09.0002.175 — Provost Instructional Holding Account 2017

N/A

CAS

N/A - holding account

Roger Bounds

Taryn Williams

In House

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

Other Fees

Construction \$/GSF

Total Project \$/GSF



KEY STAKEHOLDERS

Procurement

Occupants

User Reps

NAU PM

ABOR Project Type

Design Professional

Landscape Architect

Structural Engineer

Delivery Method

Contractor

Plumbing Sub

Electrical Sub

Mechanical Sub

Fire Protection Sub

MEP Engineer

PROJECT SCOPE

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

		CPA Approved	5/15/2017
		Programming	N/A
BUDGET		Schematic Design	N/A
TOTAL	\$0	100% Design Docs	N/A
FUNDING SOURCES		Construction Docs	N/A
	\$0	Construction	N/A
	\$0	Substantial Completion	N/A
	\$0	Final Completion	N/A
	\$0	AREA DATA	
ESTIMATED BUDGET BREAKDOWN		GSF	0
Construction	\$0	ASF	0
Design	\$0	Efficiency Ratio	N/A
FF and E	\$0	CHALLENGES	
PM Fee	\$0	Current challenges for this project:	

\$0

N/A

N/A *

TIMELINE

DP Selection

Planning

Contractor Selection

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

Procurement ABOR Project Type

KEY STAKEHOLDERS

Students and Staff **Occupants**

User Reps

Taryn Williams **NAU PM**

Design Professional

MEP Engineer

Landscape Architect

Structural Engineer

Delivery Method

Contractor

Plumbing Sub

Mechanical Sub

Fire Protection Sub

Electrical Sub

TOTAL

FUNDING SOURCES

BUDGET

In House

ESTIMATED BUDGET BREAKDOWN

\$0 Construction

\$0 Design \$0 FF and E

PM Fee

\$0 **Other Fees**

Construction \$/GSF

Total Project \$/GSF

Schematic Design

100% Design Docs

Construction Docs

Construction

\$0

\$0

\$0

\$0

\$0

\$0

Substantial Completion

Final Completion

AREA DATA

GSF

ASF

Efficiency Ratio

CHALLENGES

Current challenges for this project:

N/A N/A * 0

0

N/A

TBD

TBD

N/A



09.0981.191 - PD Space Expansion

D	P	\cap	ΙF	C.	T S	0		D	F
Г.		Ų,	JL	. •		\mathbf{v}	v		_

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

BUDGET

ESTIMATED BUDGET BREAKDOWN

FUNDING SOURCES

TOTAL

Construction

Design

FF and E

PM Fee

N/A

TBD

TBD

TBD

TBD

TBD

TBD

TBD

TBD

TBD

TBD

Kelli Smith

Taryn Williams

TIMELINE

DP Selection

100% Design Docs

\$0

\$0

\$0

\$0

\$0

\$0

\$0

\$0

\$0

\$0

TBD Contractor Selection

08/21/2018 **Planning**

TBD CPA Approved

TBD Programming

Schematic Design TBD

TBD Construction Docs

TBD Construction

Substantial Completion TBD

Final Completion

AREA DATA

GSF 0 **ASF** 0

Efficiency Ratio

CHALLENGES

Current challenges for this project:

Other Fees N/A Construction \$/GSF

Total Project \$/GSF N/A *

Fire Protection Sub

Mechanical Sub

Procurement

Occupants

User Reps

NAU PM

ABOR Project Type

Design Professional

Landscape Architect

Structural Engineer

Delivery Method

Contractor

Plumbing Sub

MEP Engineer

KEY STAKEHOLDERS

Electrical Sub

TBD

TBD

N/A

09.0270.191 — Eastburn Education First Floor Carpet



PROJECT SCOPE

PO

N/A

N/A

TBD

N/A

NA

NA

NA

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

BUDGET

FUNDING SOURCES

TOTAL

Construction

Design

FF and E

PM Fee

Other Fees

Contractor Selection	N/A
Planning	12/19/2018

CPA Approved TBD

Programming TBD

Schematic Design TBD

Construction Docs TBD

Construction TBD

Final Completion TBD

AREA DATA

Substantial Completion

TIMELINE

DP Selection

100% Design Docs

\$0

\$0

\$0

\$0

\$0

\$0

\$0

\$0

\$0

\$0

GSF 0 0

Efficiency Ratio

CHALLENGES

Current challenges for this project:

Construction \$/GSF N/A *

NA Total Project \$/GSF N/A *

ESTIMATED BUDGET BREAKDOWN

ABOR Project Type

Procurement

KEY STAKEHOLDERS

Occupants

User Reps Garrett Ellsworth

NAU PM Taryn Williams

Design Professional In House

MEP Engineer NA

Landscape Architect N/A

Structural Engineer
Delivery Method

Contractor

Plumbing Sub
Mechanical Sub

Electrical Sub

Fire Protection Sub

12/1/2018

TBD

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.

BUDGET

FUNDING SOURCES

Construction \$/GSF

Total Project \$/GSF

TOTAL

Contractor Selection	TBD
Planning	11/13/2018
CPA Approved	TBD

TIMELINE

DP Selection

Programming

\$0

\$0

\$0

N/A *

N/A *

Procurement ABOR Project Type

Fire Protection Sub

Electrical Sub

Occupants

User Reps

KEY STAKEHOLDERS

•			
NAU PM	Taryn Williams		\$0
Design Professional	Gould Evans Associates		\$0
MEP Engineer	TBD	ESTIMATED BUDGET BREAKDOWN	
Landscape Architect	N/A	Construction	\$0
Structural Engineer	TBD	Design	\$0
Delivery Method	TBD	FF and E	\$0
Contractor	In House		
Plumbing Sub	TBD	PM Fee	\$0
Mechanical Sub	TBD	Other Fees	\$0

TBD

TBD

N/A

Eric Yordy

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:	

TBD

N/A

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.

BUDGET

ESTIMATED BUDGET BREAKDOWN

FUNDING SOURCES

IMEL	INE	

DP Selection

100% Design Docs

TBD Contractor Selection

11/20/2018 **Planning**

TBD CPA Approved

TBD Programming

Schematic Design TBD

TBD Construction Docs

TBD Construction

Substantial Completion TBD

Final Completion TBD

AREA DATA

GSF 0 **ASF** 0

Efficiency Ratio

CHALLENGES

Current challenges for this project:

\$0

N/A

N/A

\$0

\$0

\$0

\$0

\$0

\$0

\$0

\$0

\$0

Procurement

ABOR Project Type

KEY STAKEHOLDERS

N/A **Occupants** Giovanni Castillo **User Reps**

Taryn Williams **NAU PM TBD**

Design Professional TBD MEP Engineer

TBD Landscape Architect TBD Structural Engineer

Delivery Method Contractor

Plumbing Sub Mechanical Sub

Fire Protection Sub

Electrical Sub

PM Fee Other Fees

Design

FF and E

TBD

TBD

TBD

TBD

TBD

Construction

TOTAL

Construction \$/GSF

Total Project \$/GSF TBD



09.0002.199 - FY19 Classroom Holding Account

		<u> </u>			
PROJECT SCOPE FY19 Classroom Holding Account		TIMELINE	TIMELINE		
	1 1 10 0100010011111	olding / loodune		DP Selection	TBD
				Contractor Selection	on TBD
				Planning	12/19/2018
				CPA Approved	TBD
				Programming	TBD
Procurement		BUDGET		Schematic Design	TBD
ABOR Project Type		TOTAL	\$1,000,000	100% Design Docs	TBD
KEY STAKEHO	LDERS	FUNDING SOURCES		Construction Docs	TBD
Occupants	N/A		\$0	Construction	TBD
User Reps	Brian Levin-Stankevich		\$0	Substantial Compl	etion TBD
NAU PM	Taryn Williams		\$0	Final Completion	TBD
Design Professional	TBD		\$0	AREA DA	TA
MEP Engineer	TBD	ESTIMATED BUDGET BRI	EAKDOWN	GSF	0
Landscape Architect	TBD	Construction	\$0		0
Structural Engineer	TBD	Design	\$0		N/A
Delivery Method	TBD	FF and E	\$C		
Contractor	TBD	DRA For	ሶ ር		
Plumbing Sub	TBD	PM Fee	\$0	current chancinges	for this project:
Mechanical Sub	TBD	Other Fees	\$0	*	
Fire Protection Sub	TBD	Construction \$/GSF	N	A *	
Electrical Sub	TBD	Total Project \$/GSF	N	A *	

N/A

TBD

TRD

1/7/2019

TIMELINE

Programming

N/A

N/A *



09.0072.191 — Humphreys Office Building Renovation



Fire Protection Sub

Electrical Sub

PROJECT SCOPE This project will cover upgrades for this 2.177 square foot building. Fu spa cal inte exi wil

Construction \$/GSF

Total Project \$/GSF

In House

In House

rill then be ready for occupancy.	CPA Approved
xisting, reused furniture is part of the funding request. This building	Planning
abinetry, fix electrical and ceilings as needed and a new coat of sterior paint. No new furniture is included, but the relocation of	Contractor Selection
unding will cover new flooring, minor construction to upgrade the pace, add doors to the restrooms, resized counter space and	DP Selection

TBD Schematic Design PO **Procurement BUDGET ABOR Project Type TBD** 100% Design Docs \$0 **TOTAL KEY STAKEHOLDERS TBD Construction Docs FUNDING SOURCES TBD** Construction N/A \$0 **Occupants Substantial Completion TBD** Dr. Okoli \$0 **User Reps Final Completion TBD** Taryn Williams \$0 **NAU PM** In House \$0 **Design Professional AREA DATA** NA **MEP Engineer ESTIMATED BUDGET BREAKDOWN GSF** 0 N/A **Landscape Architect** \$0 Construction **ASF** 0 N/A **Structural Engineer** \$0 Design **Efficiency Ratio** N/A **TBD Delivery Method** \$0 FF and E **CHALLENGES** In House Contractor \$0 **PM Fee Current challenges for this project:** In House **Plumbing Sub** \$0 **Other Fees** In House **Mechanical Sub**

N/A

TBD

N/A

09.0240.191 — North Plant Office 137 Renovation



KEY STAKEHOLDERS

Procurement

Occupants

User Reps

NAU PM

ABOR Project Type

Design Professional

Landscape Architect

Structural Engineer

Delivery Method

Contractor

Plumbing Sub

Mechanical Sub

Fire Protection Sub

MEP Engineer

PROJECT SCOPE

PO

N/A

Jon Heitzinger

Taryn Williams

In House

In House

N/A

N/A

TBD

In House

In House

In House

TOTAL

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

BUDGET

ESTIMATED BUDGET BREAKDOWN

FUNDING SOURCES

I IIVI	ELII	ΝE	

DP Selection

100% Design Docs

\$67,000

\$0

\$0

\$0

\$0

\$0

\$0

\$0

\$0

Contractor Selection	N/A

Planning	1/16/2019

CPA Approved	TBD
---------------------	-----

Programming	TBD

Schematic Design TBD

TBD Construction Docs

TBD Construction

Substantial Completion	IBL

Final Completion	TBD
------------------	-----

AREA DATA

GSF	U
ASF	0

Efficiency Ratio CHALLENGES

Current challenges for this project:

\$0	*	

Construction

Design

FF and E

PM Fee

Other Fees

N/A * **Total Project \$/GSF** In House **Electrical Sub**

TBD



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.

BUDGET

TOTAL

Contractor Selection	TBD
Planning	1/31/2019
CPA Approved	TBD

TIMELINE

DP Selection

Programming

\$0

\$0

\$0

\$0

\$0

\$0

\$0

\$0

\$0

\$0

Procurement

Mechanical Sub

Fire Protection Sub

ABOR Project Type

KEY STAKEHOLDERS		FUNDING SOURCES
Occupants	N/A	
User Reps	TC Eberly	
NAU PM	Taryn Williams	
Design Professional	TBD	
MEP Engineer	TBD	ESTIMATED BUDGET BREAKDOWN
Landscape Architect	TBD	Construction
Structural Engineer	TBD	Design
Delivery Method	TBD	FF and E
Contractor	TBD	
Plumbing Sub	TBD	PM Fee

	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	
	Command aballamana familia musicato	

Current challenges for this project:

Construction \$/GSF N/A

TBD Total Project \$/GSF N/A *

TBD

TBD

Other Fees

N/A

N/A

TBD

01/31/2019

09.0890.191 — Fountaine House Renovation



KEY STAKEHOLDERS

Procurement

Occupants

User Reps

NAU PM

ABOR Project Type

Design Professional

Landscape Architect

Structural Engineer

Delivery Method

Contractor

Plumbing Sub

Electrical Sub

Mechanical Sub

Fire Protection Sub

MEP Engineer

PROJECT SCOPE

PO

N/A

Dr. Okoli

In House

NA

N/A

N/A

TBD

In House

In House

In House

In House

TBD

Construction \$/GSF

Total Project \$/GSF

Taryn Williams

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 an eliminate pet odor and remove "handy-man" add-ons.

		CFA Approved	100
		Programming	TBD
BUDGET		Schematic Design	TBD
TOTAL	\$0	100% Design Docs	TBD
FUNDING SOURCES		Construction Docs	TBD
	\$0	Construction	TBD
	\$0	Substantial Completion	TBD
	\$0	Final Completion	TBD
	\$0	AREA DATA	
ESTIMATED BUDGET BREAKDOWN		GSF	0
Construction	\$0	ASF	0
Design	\$0		
•	4.5	Efficiency Ratio	N/A
FF and E	\$0	Efficiency Ratio CHALLENGES	N/A
			N/A

N/A *

N/A *

TIMELINE

DP Selection

CPA Approved

Planning

Contractor Selection



09.0260.193 — Adel Apartment Interior Redesign



KEY STAKEHOLDERS

Procurement

Occupants

User Reps

NAU PM

ABOR Project Type

Design Professional

Landscape Architect

Structural Engineer

Delivery Method

Contractor

Plumbing Sub

Electrical Sub

Mechanical Sub

Fire Protection Sub

MEP Engineer

PROJECT SCOPE

PO

N/A

Dr. Okoli

In House

TBD

N/A

N/A

TBD

TBD

TBD

TBD

TBD

Design

FF and E

PM Fee

Taryn Williams

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

BUDGET

DP Selection	N/

TBD Contractor Selection

TIMELINE

2/5/19 **Planning**

TBD CPA Approved

TBD Programming

Schematic Design TBD TBD 100% Design Docs

TBD Construction Docs

\$0 **TOTAL FUNDING SOURCES TBD** Construction \$0 **Substantial Completion TBD** \$0 **Final Completion TBD** \$0

ESTIMATED BUDGET BREAKDOWN **GSF** \$0 Construction **ASF**

\$0

\$0

\$0 **Efficiency Ratio** N/A \$0

AREA DATA

CHALLENGES

Current challenges for this project:

\$0 **Other Fees** Construction \$/GSF N/A

Total Project \$/GSF N/A * **TBD**

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0

PAUL DUFEK

TBD

N/A

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.

BUDGET

ESTIMATED BUDGET BREAKDOWN

FUNDING SOURCES

TOTAL

N/A

N/A

N/A

N/A

N/A

N/A

1	IM	EL	INE	

DP Selection

Construction

Contractor Selection	TBD

Planning	03/29/2018
----------	------------

CPA Approved	TBD
CI A APPIOTCA	

TBD Programming

TBD Schematic Design

TBD 100% Design Docs

TBD Construction Docs

Substantial Completion TBD

Final Completion TBD

AREA DATA

GSF	0
ASF	0

Efficiency Ratio CHALLENGES

Current challenges for this project:

Construction \$/GSF

Total Project \$/GSF

Construction

Design

FF and E

PM Fee

Other Fees

N/A N/A *

\$300,000

\$0

\$0

\$0

\$0

\$0

\$0

\$0

\$0

\$0

ABOR Project Type KEY STAKEHOLDERS

Procurement

Occupants

Nancy Johnson **User Reps** Paul Dufek **NAU PM**

Design Professional DLR Group N/A

MEP Engineer N/A **Landscape Architect** N/A

Structural Engineer Delivery Method

Contractor **Plumbing Sub**

Mechanical Sub

Fire Protection Sub

Electrical Sub

TBD

TBD

11/1/2018

TIMELINE

DP Selection

CPA Approved

Planning

Contractor Selection



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.

				Programming	TBD
Procurement	ARQ	BUDGET		Schematic Design	TBD
ABOR Project Type		TOTAL	\$130,000	100% Design Docs	TBD
KEY STAKEHOLDERS		FUNDING SOURCES	, ,	Construction Docs	TBD
Occupants	N/A		\$0	Construction	TBD
User Reps			\$0	Substantial Completion	TBD
NAU PM	Paul Dufek		\$0	Final Completion	TBD
Design Professional	Kimley-Horn		\$0	AREA DATA	
MEP Engineer	N/A	ESTIMATED BUDGET BREAKE	OOWN	GSF	0
Landscape Architect	N/A	Construction	\$0	ASF	0
Structural Engineer	N/A	Design	\$0	Efficiency Ratio	N/A
Delivery Method Contractor	TBD	FF and E	\$0	CHALLENGES	14/7 (
Plumbing Sub	N/A	PM Fee	\$0	Current challenges for this project:	
Mechanical Sub	N/A	Other Fees	\$0	* LED Fixture Selection	
Fire Protection Sub	N/A	Construction \$/GSF	N/A	* Dark Sky compliance	
Electrical Sub	N/A	Total Project \$/GSF	N/A	* Photometrics with reduced pole height	

TBD

TBD

3/30/2018



09.0680.181 — Rolle Locker Room Addition



Procurement

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 requried at minimum, additional scope TBD). Decision by Administration and Athletics on scope funding pending.

		• • • • • • • • • • • • • • • • • • • •	
		Programming	TBD
BUDGET		Schematic Design	TBD
OTAL	\$ 0	100% Design Docs	TBD
JNDING SOURCES		Construction Docs	TBD
	\$0	Construction	TBD
	¢ο	Substantial Completion	TRD

TIMELINE

DP Selection

CPA Approved

Planning

Contractor Selection

ABOR Project Type TO **KEY STAKEHOLDERS FUI** N/A **Occupants** TBD Beth Vechinski **User Reps** \$0 Substantial Completion **TBD Final Completion** Paul Dufek \$0 **NAU PM TBD** \$0 **Design Professional AREA DATA** N/A **MEP Engineer ESTIMATED BUDGET BREAKDOWN GSF** 0 N/A **Landscape Architect** Construction \$0 **ASF** 0 N/A **Structural Engineer** Design \$0 **Efficiency Ratio** N/A **Delivery Method** FF and E \$0 **CHALLENGES TBD** Contractor \$0 **PM Fee Current challenges for this project:** N/A **Plumbing Sub Other Fees** \$0 N/A **Mechanical Sub** N/A Construction \$/GSF N/A Fire Protection Sub **Total Project \$/GSF** N/A * N/A **Electrical Sub**

266,532

266,532

100.00%

08.0070.181 — South Recreation Fields Turf Replacement



Procurement

Occupants

Electrical Sub

ABOR Project Type

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.

BUDGET

FUNDING SOURCES

Total Project \$/GSF

TOTAL

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
AREA DATA	
	Planning CPA Approved Programming Schematic Design 100% Design Docs Construction Docs Construction Substantial Completion Final Completion

KEY STAKEHOLDERS

User Reps	TC Eberly		\$0	
NAU PM	Paul Dufek		\$0	
Design Professional	TBD		\$0	
MEP Engineer	N/A	ESTIMATED BUDGET BREAKDOWN		
Landscape Architect	N/A	Construction	\$1,412,842	
Structural Engineer	N/A	Design	\$0	
Delivery Method		FF and E	\$0	
Contractor	Hellas Construction		, -	
Plumbing Sub	N/A	PM Fee	\$113,694	
Mechanical Sub	N/A	Other Fees	\$8,336	
Fire Protection Sub	N/A	Construction \$/GSF	\$5	

N/A

PO

N/A

CHALLENGES

TIMELINE

DP Selection

\$1,534,872

\$1,534,872

Current challenges for this project:

* Closeout

\$6

Efficiency Ratio

GSF

ASF

TBD

N/A



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.

BUDGET

FUNDING SOURCES

	CPA Approved	TBD
	Programming	TBD
OCET	Schematic Design	TBD

DP Selection

Planning

\$0

\$0

Contractor Selection

TIMELINE

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	E
Landscape Architect	TBD	(

Structural Engineer	N/A
Delivery Method	
Contractor	TBD
Plumbing Sub	N/A

Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A
Electrical Sub	N/A

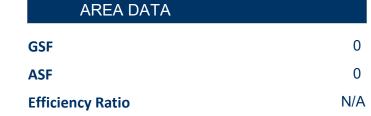
\$0
\$0



PM Fee	\$0
Other Fees	\$0

N/A * Construction \$/GSF N/A * **Total Project \$/GSF**

100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD



CHALLENGES

Current challenges for this project:

Feasibility to confirm chilled water supply capacity

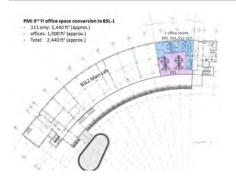
TBD

5/14/2018

09.0560.182 — AR&D Third Floor Office to BSL1 Conversion

N/A

N/A



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.

DUDGET

Pro	OC	ure	m	ent	
-----	----	-----	---	-----	--

Occupants

Electrical Sub

ABOR Project Type

KEY STAKEHOLDERS

User Reps	Debbie Martin	
NAU PM	Paul Dufek	
Design Professional	TBD	
MEP Engineer	N/A	ESTIMATED B
Landscape Architect	N/A	Construction
Structural Engineer	N/A	Design
Delivery Method	N/A	FF and E
Contractor	TBD	TT dild L
Plumbing Sub	N/A	PM Fee
Mechanical Sub	N/A	Other Fees
Fire Protection Sub	N/A	Construction

BODGET	
TOTAL	\$150,000

FUNDING SOURCES	
	\$0

\$0 \$0 \$0

\$58,260

STIMATED BUDGET BREAKDOWN

Design	\$10,753
FF and E	\$61,864
PM Fee	\$11,111
Other Fees	\$8,017

Construction \$/GSF	\$40
Total Project \$/GSF	\$104

TIMELINE

DP Selection

Construction

	ocicotion.	
Cor	ntractor Selection	TBD

Planning TBD CPA Approved

TBD Programming

Schematic Design TBD

TBD 100% Design Docs

TBD Construction Docs

Substantial Completion TBD

Final Completion TBD

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

11/9/2015

7/12/2016

8/13/2015

12/14/2015

TIMELINE

DP Selection

CPA Approved

Planning

Contractor Selection

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.

	pending.			Programming	12/14/2015
Procurement	JOC	BUDGET		Schematic Design	5/6/2016
ABOR Project Type	CAS	TOTAL	\$499,983	100% Design Docs	5/25/2016
KEY STAKEHOLI	DERS	FUNDING SOURCES		Construction Docs	6/28/2016
Occupants	Geology	Research	\$499,983	Construction	8/12/2016
User Reps	Mary Reid			Substantial Completion	9/29/2017
NAU PM	Paul Dufek			Final Completion	TBD
Design Professional	Taylor Rymar/IMEG			AREA DATA	
MEP Engineer	Taylor Rymar/IMEG	ESTIMATED BUDGET BREAKDOWN		GSF	3,503
Landscape Architect	Not Applicable	Construction	\$381,500	ASF	376
Structural Engineer	N/A	Design	\$57,680	Efficiency Ratio	10.73%
Delivery Method	JOC	FF and E	\$16,600	CHALLENGES	1011070
Contractor	SDB Construction		# 44.500	GHALLINGLO	
Plumbing Sub	Dial Mechanical	PM Fee	\$14,563	Current challenges for this project:	
Mechanical Sub	IMCOR	Other Fees	\$29,640	* Final User Equipment selections	
Fire Protection Sub	Titan FP	Construction \$/GSF	\$109	*	
Electrical Sub	NEC	Total Project \$/GSF	\$143	*	

11/28/2016

3/7/2017

7/1/2016

1/12/2017

N/A

TIMELINE

DP Selection

CPA Approved

Programming

Planning

N/A *

Contractor Selection



08.0030.173 — Parking & Shuttle Services Concrete 2017



Electrical Sub

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.

Total Project \$/GSF

N/A

				Programming	IN/A
Procurement	JOC	BUDGET		Schematic Design	N/A
ABOR Project Type	CAX	TOTAL	\$985,463	100% Design Docs	6/14/2017
KEY STAKE	HOLDERS	FUNDING SOURCES	, ,	Construction Docs	7/1/2017
Occupants	Shuttle Services	Parking & Shuttle	\$985,463	Construction	7/11/2017
User Reps	Erin Stam			Substantial Completion	10/20/2017
NAU PM	Paul Dufek			Final Completion	10/31/2017
Design Professional	WLB Group			AREA DATA	
MEP Engineer	N/A	ESTIMATED BUDGET BREAKDOWN		GSF	0
Landscape Architect	WLB Group	Construction	\$881,624	ASF	0
Structural Engineer	N/A	Design	\$58,509	Efficiency Ratio	N/A
Delivery Method	JOC	FF and E	\$1,000		14/7 (
Contractor	Kinney Construction Services	TT dilu L	Ψ1,000	CHALLENGES	
Plumbing Sub	N/A	PM Fee	\$28,703	Current challenges for this project:	
Mechanical Sub	N/A	Other Fees	\$44,330	*	
Fire Protection Sub	N/A	Construction \$/GSF	N/A	*	

11/28/2016

0/7/0047

08.0030.174 - Concrete 2017



MEP Engineer

Electrical Sub

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.

Procurement	JOC	BUDGET		Schematic Design	N/A
ABOR Project Type	CIN	TOTAL	\$650,000	100% Design Docs	3/29/2017
KEY STAKEHOL	DERS	FUNDING SOURCES		Construction Docs	4/17/2017
Occupants	Campus-wide	Admin OH	\$650,000	Construction	6/16/2017
User Reps	Dan Okoli			Substantial Completion	9/22/2017
NAU PM	Paul Dufek			Final Completion	11/4/2017
Design Professional	Peak Engineering			AREA DATA	

ESTIMATED BUDGET BREAKDOWN

Total Project \$/GSF

0		ESTIMATED BODGET BILL	ARDOVIN
Landscape Architect	Peak Engineering	Construction	\$550,000
Structural Engineer	Hubbard Merrell	Design	\$59,000
Delivery Method	JOC	FF and E	\$1,200
Contractor	Kinney Construction Services		
Plumbing Sub	N/A	PM Fee	\$18,932
Mechanical Sub	N/A	Other Fees	\$39,800
Fire Protection Sub	N/A	Construction \$/GSF	N/A

N/A

N/A

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
AREA DATA	
GSF	0
ASF	0
Efficiency Ratio	N/A
CHALLENGES	
Current challenges for this project:	
* North Quad is a busy space; need muc	h coordination

TIMELINE

DP Selection

N/A *

3/14/2016

N/A

4/2016

8/4/2016

10/31/2016

TIMELINE

DP Selection

CPA Approved

Programming

Planning

Contractor Selection

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	BUDGET		Schematic Design	N/A
ABOR Project Type	CAX	TOTAL	\$358,892	100% Design Docs	N/A
KEY STAKEHO	LDERS	FUNDING SOURCES		Construction Docs	N/A
Occupants	Campus-wide	Admin OH	\$358,892	Construction	N/A
User Reps	Jon Heitzinger			Substantial Completion	TBD
NAU PM	Paul Dufek			Final Completion	4/30/2018
Design Professional etru	ım, KJWW, RGV, &Stanley			AREA DATA	
MEP Engineer	All	ESTIMATED BUDGET BREA	KDOWN	GSF	0
Landscape Architect	Not Applicable	Construction	\$0	ASF	0
Structural Engineer	N/A	Design	\$341,895	Efficiency Ratio	N/A
Delivery Method Contractor	ARQ Not Applicable	FF and E	\$0	CHALLENGES	
Plumbing Sub	N/A	PM Fee	\$10,453	Current challenges for this project:	
Mechanical Sub	N/A	Other Fees	\$16,997	* NAU providing meter data to DP	
Fire Protection Sub	N/A	Construction \$/GSF	N/A	*	
Electrical Sub	N/A	Total Project \$/GSF	N/A	*	

8/29/2017

August 2016

TBD

TRD

09.0160.181 — Communications KAET Antenna Mount



KEY STAKEHOLDERS

Procurement

Occupants

User Reps

NAU PM

ABOR Project Type

Design Professional

Landscape Architect

Structural Engineer

Delivery Method

Contractor

Plumbing Sub

Electrical Sub

Mechanical Sub

Fire Protection Sub

MEP Engineer

PROJECT SCOPE

TBD

TBD

N/A

N/A

TBD

TBD

N/A

N/A

N/A

N/A

Total Project \$/GSF

Karl Voss - ASU

Hubbard Merrell

Hubbard Merrell

Paul Dufek

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

		CPA Approved	וסטו
		Programming	N/A
BUDGET		Schematic Design	N/A
TOTAL	\$0	100% Design Docs	N/A
FUNDING SOURCES		Construction Docs	TBD
ASU TBD	\$0	Construction	TBD
		Substantial Completion	TBD
		Final Completion	TBD
	\$0	AREA DATA	
ESTIMATED BUDGET BREAKDOWN		GSF	0
Construction	\$0	ASF	0
Design	\$0	Efficiency Ratio	N/A
FF and E	\$0	CHALLENGES	
PM Fee	\$0	Current challenges for this project:	
Other Fees	\$0	* ASU Partnership & MOU Agreement	
Construction \$/GSF	N/A	* Funding Approval across agencies	

N/A *

Re-start after closing project

TIMELINE

DP Selection

CPA Approved

Planning

Contractor Selection

1/1/2011

5/1/2011

12/1/2010

5/20/2013

1/18/2012

TIMELINE

DP Selection

CPA Approved

Programming

Planning

Contractor Selection

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 incoporates 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 pendiing.

Procurement	CMAR	BUDGET		Schematic Design	5/7/2012
ABOR Project Type	NAS	TOTAL	\$71,900,000	100% Design Docs	4/12/2013
KEY STAKE	HOLDERS	FUNDING SOURCES		Construction Docs	8/5/2013
Occupants	Chemistry, Biology, CSTL	Bond	\$71,900,000	Construction	5/31/13
User Reps	Ed Civatello			Substantial Completion	7/1/2015
NAU PM	Paul Dufek			Final Completion	TBD
Design Professional	GLHN/Richard + Bauer JV			AREA DATA	
MEP Engineer	GLHN Architects & Engineers	ESTIMATED BUDGET BREAKDOWN		GSF	121,096
Landscape Architect	TB Kane	Construction	\$50,357,000	ASF	74,000
Structural Engineer	Rudow + Berry	Design	\$5,827,000	Efficiency Ratio	61.11%
Delivery Method Contractor	CMAR Mortenson Construction	FF and E	\$2,934,000	CHALLENGES	011170
Plumbing Sub	Dial Mechanical	PM Fee	\$2,094,000	Current challenges for this project:	
Mechanical Sub	Midstate Mechanical	Other Fees	\$1,688,000	* Water infiltration	
Fire Protection Sub	Copperstate	Construction \$/GSF	\$416	* Project Closeout	
Electrical Sub	NJ Shaum	Total Project \$/GSF	\$594	*	

09/14/2018

TBD

N/A

09.0560.192 — AR&D Rooms 327 - 330 BSL3 Refresh



KEY STAKEHOLDERS

Procurement

Occupants

User Reps

NAU PM

ABOR Project Type

Design Professional

Landscape Architect

Structural Engineer

Delivery Method

Contractor

Plumbing Sub

Mechanical Sub

MEP Engineer

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.

BUDGET

FUNDING SOURCES

Construction

Design

FF and E

PM Fee

TOTAL

N/A

TBD

TBD

TBD

TBD

TBD

TBD

TBD

TBD

TBD

Amy Vogler

Paul Dufek

DP Selection	TBD
Contractor Selection	TBD

TBD CPA Approved

TRD **Programming**

Schematic Design TBD

TBD Construction Docs

TBD Construction **Substantial Completion TBD**

Final Completion TBD

AREA DATA

TIMELINE

Planning

\$0

\$0

\$0

\$0

\$0

\$0

\$0

\$0

\$0

100% Design Docs

GSF 0 **ASF** 0

Efficiency Ratio

CHALLENGES

Current challenges for this project:

Other Fees \$0 Construction \$/GSF

ESTIMATED BUDGET BREAKDOWN

N/A N/A *

Fire Protection Sub

Total Project \$/GSF TBD Electrical Sub

TBD

TBD

N/A



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 opean area on all floors, plus fence on top deck of Knoles garage. CPA out for schematic design effort to validate early estimates on cost.

BUDGET

FUNDING SOURCES

TOTAL

N/A

TBD

TBD

TBD

TBD

TBD

TBD

TIM	IEL	INE	

DP Selection

100% Design Docs

Efficiency Ratio

\$0

\$0

\$0

\$0

\$0

\$0

TBD Contractor Selection

11/01/2018 **Planning**

TBD CPA Approved

TRD **Programming**

Schematic Design TBD

TBD Construction Docs

TBD Construction

Substantial Completion

Final Completion TBD

KEY STAKEHOLDERS

Occupants	N/A
User Reps	Erin Stam
NAU PM	Paul Dufek

TBD Design Professional

TBD MEP Engineer TBD Landscape Architect TBD

Structural Engineer Delivery Method

Contractor **Plumbing Sub**

Electrical Sub

Mechanical Sub

Procurement

ABOR Project Type

Fire Protection Sub

ESTIMATED BUDGET BREAKDOWN

Construction \$0 \$0 Design FF and E \$0

PM Fee

Construction \$/GSF

Other Fees

\$0

N/A **Total Project \$/GSF** N/A *

AREA DATA

GSF 0 **ASF** 0

CHALLENGES

Current challenges for this project:

TBD

N/A

09.0350.191 — BOOKSTORE ATM EXTERIOR LIGHTING



Procurement

ABOR Project Type

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.

BUDGET

FUNDING SOURCES

TOTAL

BofA

TBD

TBD

TBD

TBD

TBD

TBD

TIME	ELI	NE	

DP Selection

100% Design Docs

\$0

\$0

\$0

\$0

\$0

\$0

\$0

N/A

N/A *

TBD Contractor Selection

11/27/2018 **Planning**

TBD CPA Approved

TRD **Programming**

Schematic Design TBD

TBD Construction Docs

TBD Construction

Substantial Completion TBD

Final Completion TBD

KEY STAKEHOLDERS

Occupants	BofA
User Reps	Jon Heitzinger
NAU PM	Paul Dufek

TBD Design Professional

TBD MEP Engineer TBD Landscape Architect TBD Structural Engineer

Delivery Method Contractor

Plumbing Sub Mechanical Sub

Fire Protection Sub

Electrical Sub

ESTIMATED BUDGET BREAKDOWN

Construction \$0 Design \$0 FF and E \$0

PM Fee

Construction \$/GSF

Other Fees

Total Project \$/GSF

AREA DATA

GSF 0 **ASF** 0

CHALLENGES

Efficiency Ratio

Current challenges for this project:

TBD

0

0

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.

BUDGET

FUNDING SOURCES

TOTAL

Construction

Design

FF and E

PM Fee

Other Fees

TBD

TBD

TBD

TBD

TBD

TBD

Contractor Selection	TBD
Planning	02/14/2019

CPA Approved TBD

TIMELINE

DP Selection

100% Design Docs

Programming TBD

Schematic Design TBD

Construction Docs TBD

ConstructionTBDSubstantial CompletionTBD

Final Completion TBD

AREA DATA		

Efficiency Ratio N/A

CHALLENGES

Current challenges for this project:

\$0 *

\$0

\$0

\$0

\$0

\$0

\$0

\$0

\$0

\$0

GSF

ASF

Construction \$/GSF N/A

TBD **Total Project \$/GSF** N/A *

ESTIMATED BUDGET BREAKDOWN

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

Delivery Method
Contractor

Mechanical Sub

Plumbing Sub

Fire Protection Sub Electrical Sub

TBD

N/A



10.0040.191 — Steam Condensate Leak North Campus

	\ F	•			- 4	•			
- 14	,	~ (E		-	()	\mathbf{r}	-

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

BUDGET

FUNDING SOURCES

TOTAL

N/A

TBD

TBD

TBD

TBD

TBD

TBD

TBD DP Selection

TBD Contractor Selection

3/6/2019 **Planning TBD CPA Approved**

TBD Programming

Schematic Design TBD

100% Design Docs **TBD Construction Docs**

TBD Construction

Substantial Completion Final Completion TBD

AREA DATA

TIMELINE

GSF 0 **ASF** 0

Efficiency Ratio

CHALLENGES

Current challenges for this project:

N/A

\$0

N/A *

\$0

\$0

\$0

\$0

\$0

Procurement

Occupants

ABOR Project Type

KEY STAKEHOLDERS

Occupants	
User Reps	Jon Heitzinger
NAU PM	Paul Dufek
Design Professional	TBD

TBD MEP Engineer TBD Landscape Architect TBD Structural Engineer

Delivery Method Contractor

Plumbing Sub Mechanical Sub

Fire Protection Sub **Electrical Sub**

ESTIMATED BUDGET BREAKDOWN \$0 Construction Design \$0 FF and E \$0

\$0 **PM Fee**

Construction \$/GSF

Total Project \$/GSF

Other Fees

TBD

TBD

0

N/A

3/20/2019



Procurement

Occupants

Fire Protection Sub

ABOR Project Type

KEY STAKEHOLDERS

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.

FUNDING SOURCES

	1
BUDGET	\$
TOTAL	\$0

Occupants	
User Reps	Rich Payne
NAU PM	Paul Dufek
Design Professional	TBD

MEP Engineer	TBD	ESTIMATED BUDGET BREAKDOWN	
Landscape Architect	TBD	Construction	\$0
Structural Engineer	TBD	Design	\$0
Delivery Method	TBD	FF and E	\$0
Contractor	TRD		, -

TBD

N/A

Contractor	IBD	
Plumbing Sub	TBD PM Fee	
Mechanical Sub	TBD Other Fees	
Fire Protection Sub	TBD Construction \$/GSF	

Total Project \$/GSF TBD Electrical Sub

Programming	TBD
Schematic Design	TBD
100% Design Docs	TBD
Construction Docs	TBD
Construction	TBD
Substantial Completion	TBD
Final Completion	TBD
AREA DATA	

CHALLENGES

TIMELINE

DP Selection

CPA Approved

Planning

Contractor Selection

Current challenges for this project:

N/A N/A *

\$0

\$0

\$0

\$0

\$0

\$0

GSF

ASF

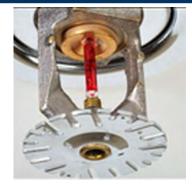
Efficiency Ratio

KELLY DAVIS

N/A

N/A

09.0301.182 — University Union Sprinkler Head Replacement



PROJECT SCOPE

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

BUDGET

DP Selection	TBD
Contractor Selection	TBD
Planning	04/16/2018
CPA Approved	5/3/2018

TIMELINE

Procurement

Electrical Sub

ABOR Project Type

KEY STAKEHOLDERS

TOTAL	\$65,500	100% Design Docs	N/A
FUNDING SOURCES		Construction Docs	N/A
	\$0	Construction	8/10/2018
	\$0	Substantial Completion	2/15/2019
	\$0	Final Completion	3/15/2019

\$0

Programming

Schematic Design

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
	NI/A

ESTIMATED BUDGET BREAKDOWN		
Construction	\$60,792	
Design	\$0	
FF and E	\$0	
PM Fee	\$2 419	

GSF	(
ASF	(
Efficiency Ratio	N/
CHALLENGES	

Plumbing Sub	N/A
Mechanical Sub	N/A
Fire Protection Sub	N/A

PM Fee	\$2,419
Other Fees	\$2,289
Construction \$/GSF	N/A

Total Project \$/GSF

N/A

Current challenges for this project:

89 *

N/A *

N/A *

AREA DATA

TBD



Procurement

Occupants

User Reps

NAU PM

ABOR Project Type

Design Professional

Landscape Architect

Structural Engineer

Delivery Method

Contractor

Plumbing Sub

Mechanical Sub

Fire Protection Sub

MEP Engineer

KEY STAKEHOLDERS

09.0730.182 — Skydome A/V Upgrades

PROJECT SCOPE

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

TOTAL

FF and E

N/A

N/A

N/A

N/A

N/A

N/A

N/A

Uri Farkas

Kelly Davis

TIMELINE

DP Selection

100% Design Docs

\$2.920.000

#0 707 000

\$0

\$0

\$0

\$0

\$0

Contractor Selection TBD

Planning 6/6/18

CPA Approved 7/26/2018

Programming TBD

Schematic Design TBD

Construction Docs TBD

Construction TBD

Substantial Completion 10/26/2018

Final Completion 12/3/2018

ESTIMATED BUDGET BREAKDOWN

BUDGET

FUNDING SOURCES

Construction	\$2,727,000
Design	\$82,058

PM Fee \$82.485

PIVI Fee \$02,403

Other Fees \$28,457

N/A Construction \$/GSF N/A *

N/A Total Project \$/GSF N/A *

Electrical Sub N/A Total Project \$/GSF

State Contracted

Daktronics

AREA DATA

GSF 0 0

Efficiency Ratio N/A

CHALLENGES

Current challenges for this project:

N/A

N/A

N/A

N/A

N/A

TIMELINE

DP Selection

CPA Approved

Programming

Planning

Contractor Selection



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	BUDGET		Schematic Design	N/A
ABOR Project Type	Third Party	TOTAL	\$45,000,000	100% Design Docs	N/A
KEY STAKEH	OLDERS	FUNDING SOURCES		Construction Docs	12/11/2015
Occupants	ACC Residential	Third-Party	\$45,000,000	Construction	2/1/2016
User Reps	Rich Payne			Substantial Completion	8/6/2017
NAU PM	Kelly Davis			Final Completion	10/6/2017
Design Professional	Todd & Associates, Inc.			AREA DATA	
MEP Engineer	NP Mechanical	ESTIMATED BUDGET BREA	KDOWN	GSF	289,861
Landscape Architect	Todd & Associates, Inc.	Construction	\$45,000,000	ASF	243,266
Structural Engineer	Caruso, Turley, Scott	Design	\$0	Efficiency Ratio	83.93%
Delivery Method Contractor	PPP Wespac Construction Inc.	FF and E	\$0	CHALLENGES	
Plumbing Sub	VDM	PM Fee	\$0	Current challenges for this project:	
Mechanical Sub	Qualified	Other Fees	\$0	* Stabilization of McConnell Slope	
Fire Protection Sub	Arizona Verde	Construction \$/GSF	\$155	*	
Electrical Sub	Delta Diversified	Total Project \$/GSF	\$155	*	

10/1/2016

10/1/2016

10/1/2016

10/1/2016

N/A

TIMELINE

DP Selection

CPA Approved

Programming

Planning

Contractor Selection



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.

				rrogramming	10/1/2010
Procurement	Third Party	BUDGET		Schematic Design	11/1/2016
ABOR Project Type	Third Party	TOTAL	\$57,840,000	100% Design Docs	12/13/2017
KEY STAKE	HOLDERS	FUNDING SOURCES	, , ,	Construction Docs	3/22/2017
Occupants	ACC Residential	ACC	\$57,840,000	Construction	11/1/2016
User Reps	Rich Payne			Substantial Completion	8/10/2018
NAU PM	Kelly Davis			Final Completion	2/15/2019
Design Professional	Todd & Associates, Inc.			AREA DATA	
MEP Engineer	GLHN Architects & Engineers	ESTIMATED BUDGET BRI	EAKDOWN	GSF	204,657
Landscape Architect	Todd & Associates, Inc.	Construction	\$51,556,000	ASF	197,989
Structural Engineer	Caruso, Turley, Scott	Design	\$2,000,000	Efficiency Ratio	96.74%
Delivery Method	PPP	FF and E	\$2,513,000	CHALLENGES	
Contractor Hai	rdison/Downey Construction Inc.			OT INCLE INCLE	
Plumbing Sub	IMCOR	PM Fee	\$500,000	Current challenges for this project	:
Mechanical Sub	HACI	Other Fees	\$12,710,000	* contractor has been unable to ge	et the meters to functi
Fire Protection Sub	Arizona Verde	Construction \$/GSF	\$252	*	
Electrical Sub	Delta Diversified	Total Project \$/GSF	\$283	*	

12/1/2015

12/10/2015

5/15/2017

12/11/2015

10/1/15 -12/11/15

TIMELINE

DP Selection

CPA Approved

Programming

Planning

Contractor Selection



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.

Procurement	CMAR	BUDGET		Schematic Design	1/29/2016
ABOR Project Type	CAX	TOTAL	\$19,259,053	100% Design Docs	3/24/2016
KEY STAKEH	IOLDERS	FUNDING SOURCES		Construction Docs	5/27/2016
Occupants	Dining (Sodexo)/LRC	EMSA	\$1,080,000	Construction	6/13/2016
User Reps	TC Eberly/ Erin Grisham	BOND	\$14,000,000	Substantial Completion	8/18/2017
NAU PM	Kelly Davis	Bridge Loan	\$4,170,000	Final Completion	2/15/2018
Design Professional	Meyer Borgman & Johnson	2017 Plant Fund \$	\$9,053	AREA DATA	
MEP Engineer	Smith Group JJR	ESTIMATED BUDGET BR	EAKDOWN	GSF	50,759
Landscape Architect	Meyer Borgman & Johnson	Construction	\$15,534,861	ASF	49,883
Structural Engineer	PKA	Design	\$1,907,819	Efficiency Ratio	98.27%
Delivery Method Contractor	CMAR Okland Construction	FF and E	\$671,132	CHALLENGES	
Plumbing Sub	RKS	PM Fee	\$561,501	Current challenges for this project:	
Mechanical Sub	Mid State	Other Fees	\$1,145,241	*	
Fire Protection Sub	Foothills	Construction \$/GSF	\$306	*	
Electrical Sub	Shaum	Total Project \$/GSF	\$379	*	

N/A

4/21/2017

4/1/2017

8/3/2017

TIMELINE

DP Selection

CPA Approved

Planning

Contractor Selection

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 airhandling unit that is currently only able to produce heat into a cooling

	unit only.			Programming	N/A
Procurement	JOC	BUDGET		Schematic Design	N/A
ABOR Project Type	CAS	TOTAL	\$420,000	100% Design Docs	N/A
KEY STAKEHOI	_DERS	FUNDING SOURCES	, ,	Construction Docs	N/A
Occupants	ITS	UCA Admin Over	\$420,000	Construction	9/4/2018
User Reps	Chris Michaels			Substantial Completion	1/20/2019
NAU PM	Kelly Davis			Final Completion	2/20/2019
Design Professional	N/A			AREA DATA	
MEP Engineer	N/A	ESTIMATED BUDGET BREA	KDOWN	GSF	4,491
Landscape Architect	Not Applicable	Construction	\$170,216	ASF	4,491
Structural Engineer	N/A	Design	\$0	Efficiency Ratio	100.00%
Delivery Method	JOC	FF and E	\$207,900	CHALLENGES	100.0070
Contractor	Loven Contracting Inc.		400.400	CHALLENGES	
Plumbing Sub	N/A	PM Fee	\$38,182	Current challenges for this project:	
Mechanical Sub	Kinetics	Other Fees	\$41,884	* Domino effect for LRC- CPA appro	ved
Fire Protection Sub	TBD	Construction \$/GSF	\$38	* N/A	
Electrical Sub	NJ Shaum	Total Project \$/GSF	\$94	* N/A	

12/11/2015

12/11/2015

12/1/2015

1/25/2016



08.0050.161 — ARD Landscaping

PROJECT SCOPE

DP for ARQ

CIN

N/A

N/A

N/A

NJ Shaum

TOTAL



Procurement

Plumbing Sub

Electrical Sub

Mechanical Sub

Fire Protection Sub

ABOR Project Type

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).

BUDGET

FUNDING SOURCES FY16 Plant Fund

Finance & Admin

o	
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

TIMELINE

AREA DATA

DP Selection

CPA Approved

Planning

\$1.052.000

\$8,807

\$126,889

Contractor Selection

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

KEY STAKEHOLDERS

Admin OH	\$916,304
ESTIMATED BUDGET BREAKDO	OWN
Construction	\$812,864
Design	\$185,855
FF and E	
PM Fee	\$30,642
Other Fees	\$22,639
Construction \$/GSF	\$19
Total Project \$/GSF	\$24

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	

8/1/2017

N/A

08.0030.181 — New Sidewalk Along Knoles Near Gabaldon Hall

N/A

N/A

N/A

N/A



PROJECT SCOPE

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

TIMELINE	Ξ
DP Selection	

TBD Contractor Selection

TBD Planning

TBD CPA Approved

TBD Programming

Schematic Design TBD

TBD 100% Design Docs

TBD Construction Docs

TBD Construction **Substantial Completion TBD**

Final Completion TBD

AREA DATA

GSF 0 0 **ASF**

Efficiency Ratio

CHALLENGES

Current challenges for this project:

early planning stage

N/A

\$0

\$0

\$0

N/A *

Procurement

ABOR Project Type

KEY STAKEHOLDERS

11.	OTARLITOLDLING
Occupants	

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

14/7 (
ARQ
TBD

Plumbing Sub
Mechanical Sub

Electrical Sub

Fire Protection Sub

FUNDING SOURCES

TOTAL

BUDGET

	\$0
ESTIMATED BUDGET BREAKDOWN	

Construction	\$0
Design	\$0
FF and E	\$0

PM Fee	\$ 0

Other Fees	\$0

Construction \$/GSF **Total Project \$/GSF**

N/A

13.0200.161 — Centennial Forest Field Station Cabins



Procurement

Occupants

ABOR Project Type

PROJECT SCOPE

various

N/A

N/A

N/A

N/A

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.

BUDGET

TOTAL

FUNDING SOURCES

Cheryl Miller **User Reps** Kelly Davis **NAU PM**

KEY STAKEHOLDERS

TBD Design Professional

TBD MEP Engineer Landscape Architect

TBD Structural Engineer TBD Delivery Method

TBD Contractor N/A

Mechanical Sub

Fire Protection Sub **Electrical Sub**

Plumbing Sub

\$0 \$0 ESTIMATED BUDGET BREAKDOWN \$0 Construction Design \$0 FF and E \$0 \$0 **PM Fee**

\$0 **Other Fees**

Construction \$/GSF

Total Project \$/GSF

TIMELINE

TBD Contractor Selection

TBD Planning TBD CPA Approved

TBD Programming

Schematic Design TBD

TBD 100% Design Docs **TBD Construction Docs**

TBD Construction

Substantial Completion TBD Final Completion TBD

AREA DATA

DP Selection

\$0

\$0

\$0

N/A

N/A *

GSF 0 **ASF** 0

CHALLENGES

Efficiency Ratio

Current challenges for this project:

* This project is in the early stages of development

N/A

N/A

N/A

N/A

9/11/2017

9/7/2017



09.0100.181 — Old Main Art Museum Security



Procurement

Fire Protection Sub

Electrical Sub

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

		Programming	
BUDGET		Schematic Design	
TOTAL	\$65,500	100% Design Docs	
FUNDING COURSES		Construction Docs	

TIMELINE

DP Selection

CPA Approved

Planning

Contractor Selection

ABOR Project Type		TOTAL	\$65,500	100% Design Docs	N/A
KEY STAKEHOL	DERS	FUNDING SOURCES		Construction Docs	N/A
Occupants	Old Main Art Museum	Local Account	\$65,500	Construction	05/15/2018
User Reps	Ty Miller		\$0	Substantial Completion	8/31/2018
NAU PM	Kelly Davis		\$0	Final Completion	9/28/2018
Design Professional	N/A		\$0	AREA DATA	
MEP Engineer	N/A	ESTIMATED BUDGET BREA	KDOWN	GSF	0
Landscape Architect	N/A	Construction	\$57,596	ASF	0
Structural Engineer	N/A	Design	\$0	Efficiency Ratio	N/A
Delivery Method	JOC	FF and E	\$0		
Contractor	Climatec LLC			CHALLENGES	
Plumbing Sub	N/A	PM Fee	\$4,852	Current challenges for this project:	
Mechanical Sub	N/A	Other Fees	\$3,052	*	

. ,		ΨΟ	•	
Kelly Davis		\$0	Final Completion	9/28/2018
N/A		\$0	AREA DATA	
N/A	ESTIMATED BUDGET BREAKDOW	/N	GSF	0
N/A	Construction	\$57,596	ASF	0
N/A	Design	\$0	Efficiency Ratio	N/A
JOC Climatec LLC	FF and E	\$0	CHALLENGES	
N/A	PM Fee	\$4,852	Current challenges for this project:	
N/A	Other Fees	\$3,052	*	
N/A	Construction \$/GSF	N/A	*	
N/A	Total Project \$/GSF	N/A	*	

2/12/2010



09.0200.181 — Science Annex Third and Fourth Floor Renovation

EXTERIOR | NORTHEAST CORNER

Procurement

PROJECT SCOPE

CMAR

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.

BUDGET

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 Datie	90 000/

TIMELINE

ABOR Project Type	CAS	TOTAL
KEY STAKEH	HOLDERS	FUNDING
Occupants	TBD	State All
User Reps	Dan Okoli	Bond
NAU PM	Kelly Davis	Universi
Design Professional	HDR	
MEP Engineer	HDR	ESTIMAT
Landscape Architect	NA	Construc
Structural Engineer	MBJ	Design
Delivery Method	CMAR	FF and E
Contractor	McCarthy Building Company	
Plumbing Sub	McCarthy	PM Fee
Mechanical Sub	McCarthy	Other Fe
Fire Protection Sub	Arizona Verde	Construc
Electrical Sub	Delta Diversified	Total Pro

FUNDING SOURCES	
State Allocations	\$10,600,000
Bond	\$1,067,723
University Central	\$5,732,277
	\$0
ESTIMATED BUDGET BREA	KDOWN
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

\$17,400,000

GSF	34,000			
ASF	27,200			
Efficiency Ratio	80.00%			
CHALLENGES				
Current challenges for this project:				
* disruption avoidance				

displacement of current occupants over summer

3/15/2013

09.0860.131 - New Aquatic Center & Tennis Complex

PROJECT SCOPE

CMAR



Procurement

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.

BUDGET

ELINDING SOLIDCES

TOTAL

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

TIMELINE

DP Selection

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			

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	FUNDING SOURCES		
Bond 2014 \$44,410,261 \$50 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	Bond 2009	\$869,237	
\$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	Bond 2012	\$2,200,000	
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	Bond 2014	\$44,410,261	
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		\$0	
Design \$3,297,355 FF and E \$1,972,000 PM Fee \$1,381,631 Other Fees \$1,325,267 Construction \$/GSF \$324	ESTIMATED BUDGET BREAKDOWN		
FF and E \$1,972,000 PM Fee \$1,381,631 Other Fees \$1,325,267 Construction \$/GSF \$324	Construction	\$39,503,245	
PM Fee \$1,381,631 Other Fees \$1,325,267 Construction \$/GSF \$324	Design	\$3,297,355	
Other Fees \$1,325,267 Construction \$/GSF \$324	FF and E	\$1,972,000	
Construction \$/GSF \$324	PM Fee	\$1,381,631	
	Other Fees	\$1,325,267	
Total Project \$/GSF \$389	Construction \$/GSF	\$324	
<u> </u>	Total Project \$/GSF	\$389	

\$47,479,498

/ II CE/ CE/ CI/ C	
GSF	122,000
ASF	0
Efficiency Ratio	0.00%
CHALLENGES	

Current challenges for this project:

ΔΡΕΔ ΠΔΤΔ

- outdoor courts to be re-coated in May

1/31/2019

2/15/2019

2/25/2019

4/30/2019

12/01/2019

TBD

TBD

TBD

TIMELINE

DP Selection

CPA Approved

Programming

Planning

Contractor Selection



09.0221.181 — Multi-Discipline Academic/Research Stem Building



KEY STAKEHOLDERS

Procurement

ABOR Project Type

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.

BUDGET		Schematic Design
TOTAL	\$130,000,000	100% Design Docs
FUNDING SOURCES		Construction Docs
	\$0	Construction
	0.2	Substantial Completion

Occupants	Research		\$0	Construction	TBD
User Reps	TBD		\$0	Substantial Completion	6/1/2023
NAU PM	Kelly Davis		\$0	Final Completion	TBD
Design Professional	DFDG		\$0	AREA DATA	
MEP Engineer	TBD	ESTIMATED BUDGET BREAKDOWN		GSF	162,500
Landscape Architect	TBD	Construction	\$0	ASF	0
Structural Engineer	TBD	Design	\$0		0.00%
Delivery Method	TBD	FF and E	\$0	Efficiency Ratio	0.00%
Contractor	TBD	11 4114 2	Ψ	CHALLENGES	
Plumbing Sub	TBD	PM Fee	\$0	Current challenges for this project	:
Mechanical Sub	TBD	Other Fees	\$0	* This project is in the very early st	tages of scope develo
Fire Protection Sub	TBD	Construction \$/GSF	\$0	*	
Electrical Sub	TBD	Total Project \$/GSF	\$800	*	

TBD

9/1/2017

09.0004.186 — University Union Emergency Egress Lighting

JOC

CLS

TC Eberly

Kelly Davis

IMEG

IMEG

N/A

N/A

JOC

N/A

N/A

TBD

Shaum

Core Construction

Students and Faculty

KEY STAKEHOLDERS

Procurement

Occupants

User Reps

NAU PM

ABOR Project Type

Design Professional

Landscape Architect

Structural Engineer

Delivery Method

Contractor

Plumbing Sub

Electrical Sub

Mechanical Sub

Fire Protection Sub

MEP Engineer

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.

		CPA Approved	2/1/2018
		Programming	N/A
BUDGET		Schematic Design	TBD
TOTAL	\$194,000	100% Design Docs	N/A
FUNDING SOURCES		Construction Docs	8/10/2018
DM FY 18	\$97,000	Construction	12/03/2018
University Union	\$97,000	Substantial Completion	1/11/2019
		Final Completion	3/1/2019
		AREA DATA	
ESTIMATED BUDGET BREAKDO	OWN	GSF	20,250
Construction	\$166,750	ASF	0
Design	\$8,855	Efficiency Ratio	0.00%
FF and E	\$0	CHALLENGES	
PM Fee	\$14,370	Current challenges for this project:	
Other Fees	\$4,025	*	
Construction \$/GSF	\$8	* N/A	
Total Project \$/GSF	\$10	* N/A	

TIMELINE

DP Selection

Planning

Contractor Selection

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.

BUDGET

ESTIMATED BUDGET BREAKDOWN

FUNDING SOURCES

TOTAL

Construction

Design

FF and E

PM Fee

Other Fees

TBD

TBD

TBD

TBD

TBD

TBD

TBD

Contractor Selection	TBD
Planning	12/06/2018

TBD CPA Approved

TBD Programming

Schematic Design TBD **TBD**

TBD Construction Docs

TBD Construction **Substantial Completion TBD**

Final Completion TBD

AREA DATA

TIMELINE

DP Selection

100% Design Docs

\$0

\$0

\$0

\$0

\$0

\$0

\$0

\$0

\$0

\$0

GSF 0 **ASF** 0

CHALLENGES

Current challenges for this project:

* funding

Efficiency Ratio

N/A Construction \$/GSF

N/A * **Total Project \$/GSF**

Procurement

ABOR Project Type

KEY STAKEHOLDERS

N/A **Occupants** Joh Heitzinger **User Reps** Kelly Davis **NAU PM TBD Design Professional**

TBD MEP Engineer TBD

Landscape Architect Structural Engineer Delivery Method

Contractor **Plumbing Sub**

Mechanical Sub Fire Protection Sub

Electrical Sub

TBD

N/A

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.

Contractor Selection	TBD
Planning	3/20/2019

CPA Approved TBD

Programming TBD

Schematic Design TBD

Construction Docs TBD

ConstructionTBDSubstantial CompletionTBD

Final Completion TBD

AREA DATA

TIMELINE

DP Selection

100% Design Docs

\$0

\$0

\$0

GSF 0 0

Efficiency Ratio

CHALLENGES

Current challenges for this project:

* confirm delivery of pipe supports

* half of P45 is closed

Procurement JOC

ABOR Project Type

KEY STAKEHOLDERS

Occupants	Parking	
User Reps	Jon Heitzinger	
NAU PM	Kelly Davis	
Design Professional	TBD	
MEP Engineer	TBD	EST
Landscape Architect	TBD	Cor
Structural Engineer	TBD	Des

McCarthy Building Company

Plumbing Sub
TBD
Mechanical Sub

Fire Protection Sub

Electrical Sub

Delivery Method

Contractor

TOTAL

NDING SOURCES	

FUNDING SOURCES

BUDGET

\$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 *

TBD

JOC

ANDREW IACONA

N/A

N/A

1/31/2018

6/12/2018

TIMELINE

DP Selection

CPA Approved

Planning

Contractor Selection

Occupied Building

Material Lead Times

N/A

09.0170.182 — Science Lab Additional ECOSS Research Space



Fire Protection Sub

Electrical Sub

PROJECT SCOPE

This Project included the Installation of a DIRTT 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 DIRTT 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

Construction \$/GSF

Total Project \$/GSF

NA

In-House

		port the work stations. IT and El		Programming	N/A
Procurement	State Contract	BUDGET		Schematic Design	N/A
ABOR Project Type	PO	TOTAL	\$49,200	100% Design Docs	N/A
KEY STAKEHO	LDERS	FUNDING SOURCES		Construction Docs	N/A
Occupants	ECOSS Researchers	TRF FY19	\$49,200	Construction	7/30/2018
User Reps	BRUCE HUNGATE			Substantial Completion	8/13/2018
NAU PM	Andrew Iacona			Final Completion	9/13/2018
Design Professional	N/A			AREA DATA	
MEP Engineer	N/A	ESTIMATED BUDGET BREA	KDOWN	GSF	0
Landscape Architect	N/A	Construction	\$0	ASF	0
Structural Engineer	N/A	Design	\$0	Efficiency Ratio	N/A
Delivery Method	РО	FF and E	\$33,993	-	13/7
Contractor	N/A			CHALLENGES	
Plumbing Sub	NA	PM Fee	\$3,644	Current challenges for this project:	
Mechanical Sub	NA	Other Fees	\$11,563	* Funding	

TBD

N/A

N/A

2/5/2018

2/27/2018

4/11/2018

4/27/2018

5/14/2018

8/17/2018

10/5/2018

0

0

N/A

TIMELINE

DP Selection

CPA Approved

Programming

Planning

N/A

Contractor Selection



08.0020.183 — Asphalt 2018 Parking



Electrical Sub

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	BUDGET		Schematic Design	
ABOR Project Type	CAX	TOTAL	\$800,000	100% Design Docs	4/
KEY STAKE	EHOLDERS	FUNDING SOURCES	, , , , , , , , , , , , , , , , , , ,	Construction Docs	4/
Occupants	N/A	Parking & Shuttle	\$800,000	Construction	5/
User Reps	Erin Stam			Substantial Completion	8/
NAU PM	Andrew Iacona			Final Completion	10
Design Professional	Woodson Engineering			AREA DATA	
MEP Engineer	N/A	ESTIMATED BUDGET BREA	AKDOWN	GSF	
Landscape Architect	N/A	Construction	\$647,850	ASF	
Structural Engineer	N/A	Design	\$78,750	Efficiency Ratio	
Delivery Method	JOC	FF and E	\$0		
Contractor	RTR Paving & Resurfacing LLC			CHALLENGES	
Plumbing Sub	N/A	PM Fee	\$59,259	Current challenges for this project:	
Mechanical Sub	N/A	Other Fees	\$14,141	* Traffic Control & Campus-Wide No	otification
Fire Protection Sub	N/A	Construction \$/GSF	N/A	* Monsoons & Inclement Weather	

Total Project \$/GSF

N/A

Construction Projects & Camps/Conf Use

1/30/2018

1/30/2018

2/5/2018

2/27/2018

3/2/2018

TIMELINE

DP Selection

CPA Approved

Programming

Planning

Contractor Selection



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.

Procurement	DP for ARQ & JOC	BUDGET		Schematic Design	N/A
ABOR Project Type	CAX	TOTAL	\$300,000	100% Design Docs	4/23/2018
KEY STAKEHOL	DERS	FUNDING SOURCES		Construction Docs	5/4/2018
Occupants	N/A	Parking & Shuttle	\$300,000	Construction	6/18/2018
User Reps	Erin Stam			Substantial Completion	8/24/2018
NAU PM	Andrew Iacona			Final Completion	10/5/2018
Design Professional	Kimley-Horn			AREA DATA	
MEP Engineer	Kimley-Horn	ESTIMATED BUDGET BREAK	(DOWN	GSF	0
Landscape Architect	N/A	Construction	\$229,950	ASF	0
Structural Engineer	N/A	Design	\$41,250	Efficiency Ratio	N/A
Delivery Method Contractor	JOC Core Construction	FF and E	\$0	CHALLENGES	
Plumbing Sub	N/A	PM Fee	\$22,222	Current challenges for this project:	
Mechanical Sub	N/A	Other Fees	\$6,578	* Summer Monsoons	
Fire Protection Sub	N/A	Construction \$/GSF	N/A	* Camps & Conferences	
Electrical Sub	TBD	Total Project \$/GSF	N/A	* Traffic Control	

TBD

4/23/2018

7/31/2018



08.0040.182 — Skydome Lower Practice Field

Procurement

Contractor

Plumbing Sub

Electrical Sub

Mechanical Sub

Fire Protection Sub

PROJECT SCOPE

Hellas Construction

N/A

N/A

N/A

N/A

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.

		Programming	TBD
BUDGET		Schematic Design	TBD
ΓΟΤΑL	\$1,450,000	100% Design Docs	TBD
FUNDING SOURCES		Construction Docs	TBD
Athletics	\$1,450,000	Construction	5/1/2019
		Substantial Completion	7/1/2019
		Final Completion	8/1/2019

TIMELINE

DP Selection

CPA Approved

Planning

Contractor Selection

ABOR Project Type		TOTAL	\$1,4
KEY STAKEHOLDERS		FUNDING SOURCES	
Occupants	N/A	Athletics	\$1,4
User Reps	Beth Vechinski		
NAU PM	Andrew Iacona		
Design Professional	Kimley-Horn		
MEP Engineer	N/A	ESTIMATED BUDGET BREAK	KDOWN
Landscape Architect	N/A	Construction	\$1,2
Structural Engineer	N/A	Design	9
Delivery Method	RFP	FF and E	

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

0/1/2019
92,480
92,480
100.00%

Laydown & Staging Areas

Spring Weather & Summer Monsoons

TBD

TBD

7/20/2018

09.0999.191 — Bus Storage and Maintenance Facility

GRANT

Erin Stam

Andrew Jacona

N/A

TBD

TBD

TBD

TBD

TBD

TBD

TBD

TBD

TBD

TBD



KEY STAKEHOLDERS

Procurement

Occupants

User Reps

NAU PM

ABOR Project Type

Design Professional

Landscape Architect

Structural Engineer

Delivery Method

Contractor

Plumbing Sub

Electrical Sub

Mechanical Sub

Fire Protection Sub

MEP Engineer

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 Busses 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.

		Programming	TBD
BUDGET		Schematic Design	TBD
TOTAL	\$18,059,719	100% Design Docs	TBD
FUNDING SOURCES		Construction Docs	TBD
	\$0	Construction	TBD
	\$0	Substantial Completion	TBD
	\$0	Final Completion	TBD
	\$0	AREA DATA	
ESTIMATED BUDGET BREAK	KDOWN	GSF	0
Construction	\$0	ASF	0
Design	\$0	Efficiency Ratio	N/A
FF and E	\$0	CHALLENGES	
PM Fee	\$0	Current challenges for this project:	
Other Fees	\$0	* Grant Award	
Construction \$/GSF	N/A	* Federal Funding Project Requirements	
Total Project \$/GSF	N/A	* Parking	

TIMELINE

DP Selection

CPA Approved

Planning

Contractor Selection

12/16/2016

3/21/2016

11/28/2016

2016

2016

TIMELINE

DP Selection

CPA Approved

Programming

Planning

Contractor Selection



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.

Procurement	DP for ARQ & JOC	BUDGET		Schematic Design	2016/2017
ABOR Project Type	CIN	TOTAL	\$363,000	100% Design Docs	3/6/2017
KEY STAK	EHOLDERS	FUNDING SOURCES	. ,	Construction Docs	3/30/2017
Occupants	Campus Wide	Admin OH	\$363,000	Construction	5/6/2017
User Reps	Facility Services			Substantial Completion	8/15/2017
NAU PM	Andrew Iacona			Final Completion	TBD
Design Professional	Plateau Engineering, Inc.			AREA DATA	
MEP Engineer	N/A	ESTIMATED BUDGET BREAKI	OOWN	GSF	0
Landscape Architect	t Not Applicable	Construction	\$285,528	ASF	0
Structural Engineer		Design	\$47,616	Efficiency Ratio	N/A
Delivery Method	JOC	FF and E	\$1,200	CHALLENGES	
Contractor	RTR Paving & Resurfacing LLC	PM Fee	\$20,397		
Plumbing Sub	N/A			Current challenges for this project:	
Mechanical Sub	N/A	Other Fees	\$8,259	* Summer monsoons	
Fire Protection Sub	N/A	Construction \$/GSF	N/A	* Traffic control	
Electrical Sub	N/A	Total Project \$/GSF	N/A	* Campus-wide notification of closures	

4/4/2017

4/3/2018

Summer 2018

TBD

TIMELINE

DP Selection

CPA Approved

Planning

Contractor Selection

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.

	and leave campus.			Programming	10/2/2018
Procurement	TBD	BUDGET		Schematic Design	TBD
ABOR Project Type	CIN	TOTAL	\$487,500	100% Design Docs	TBD
KEY STAKE	HOLDERS	FUNDING SOURCES	,	Construction Docs	TBD
Occupants	All	University Infrastr	\$87,500	Construction	TBD
User Reps	NAU, NAIPTA, COF, ADOT	FTA Grant / NAIP	\$400,000	Substantial Completion	TBD
NAU PM	Andrew Iacona			Final Completion	TBD
Design Professional	TBD			AREA DATA	
MEP Engineer	N/A	ESTIMATED BUDGET BREA	AKDOWN	GSF	0
Landscape Architect	TBD	Construction	\$0		0
Structural Engineer	TBD	Design	\$480,262	ASF Efficiency Potio	N/A
Delivery Method	TBD	FF and E	\$0	Efficiency Ratio	IN/A
Contractor	TBD			CHALLENGES	
Plumbing Sub	N/A	PM Fee	\$6,481	Current challenges for this project:	
Mechanical Sub	N/A	Other Fees	\$757	* Partnering with NAIPTA, COF, & ADOT	
Fire Protection Sub	N/A	Construction \$/GSF	N/A	* Sinclair Wash Floodway	
Electrical Sub	N/A	Total Project \$/GSF	N/A	* Pedestrian Safety & Traffic Impact	

TBD

TBD

7/1/2017

11/3/2017

TIMELINE

DP Selection

CPA Approved

Programming

Planning

Contractor Selection

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.

Procurement	TBD	BUDGET		Schematic Design	TBD
ABOR Project Type	NAS	TOTAL	\$16,839	100% Design Docs	TBD
KEY STAKEH	IOLDERS	FUNDING SOURCES	, ,	Construction Docs	TBD
Occupants	Native American Programs	NACC	\$16,839	Construction	TBD
User Reps	Chad Hammill			Substantial Completion	TBD
NAU PM	Andrew Iacona			Final Completion	TBD
Design Professional	TBD			AREA DATA	
MEP Engineer	TBD	ESTIMATED BUDGET BREAKD	OWN	GSF	8,500
Landscape Architect	TBD	Construction	\$0	ASF	0
Structural Engineer	TBD	Design	\$15,500	Efficiency Ratio	0.00%
Delivery Method Contractor	TBD TBD	FF and E	\$0	CHALLENGES	
Plumbing Sub	TBD	PM Fee	\$1,247	Current challenges for this project:	
Mechanical Sub	TBD	Other Fees	\$92	* Fundraising	
Fire Protection Sub	TBD	Construction \$/GSF	\$0	* Programming	
Electrical Sub	TBD	Total Project \$/GSF	\$2	* N/A	

6/13/2017

10/12/2018

05/01/2017

7/13/2018

9/10/2018

TIMELINE

DP Selection

CPA Approved

Programming

Planning

Contractor Selection



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.

Procurement	JOC	BUDGET		Schematic Design	12/12/2018
ABOR Project Type	CAX	TOTAL	\$155,700	100% Design Docs	TBD
KEY STAKE	HOLDERS	FUNDING SOURCES	, ,	Construction Docs	TBD
Occupants	Students, EMSA	Dining	\$79,810	Construction	TBD
User Reps	TC Eberly, Megan Proctor	FY18 Plant Fund	\$75,890	Substantial Completion	TBD
NAU PM	Andrew Iacona			Final Completion	TBD
Design Professional	Lightvox Studio			AREA DATA	
MEP Engineer	IMEG Corp	ESTIMATED BUDGET BREAKDOWN		GSF	50,000
Landscape Architect	N/A	Construction	\$11,881	ASF	42,000
Structural Engineer	Rudow + Berry	Design	\$127,790	Efficiency Ratio	84.00%
Delivery Method	JOC	FF and E	\$0	CHALLENGES	01.0070
Contractor	Kinney Construction Services			CHALLENGES	
Plumbing Sub	TBD	PM Fee	\$8,913	Current challenges for this project:	
Mechanical Sub	TBD	Other Fees	\$7,116	* Funding	
Fire Protection Sub	TBD	Construction \$/GSF	\$0	* Phased Design	
Electrical Sub	TBD	Total Project \$/GSF	\$3	* Existing Utilities	

TBD

8/14/2017

9/8/2017

2/23/18

TIMELINE

DP Selection

CPA Approved

Programming

Planning

Contractor Selection



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.

				1.108.4	
Procurement	JOC	BUDGET		Schematic Design	N/A
ABOR Project Type	CIN	TOTAL	\$471,000	100% Design Docs	4/12/2018
KEY STAK	EHOLDERS	FUNDING SOURCES		Construction Docs	5/4/2018
Occupants	All Campus	University Central	\$471,000	Construction	5/14/18
User Reps	Greg Mace			Substantial Completion	8/17/2018
NAU PM	Andrew lacona			Final Completion	10/5/2018
Design Professional	Plateau Engineering, Inc.			AREA DATA	
MEP Engineer	N/A	ESTIMATED BUDGET BREA	KDOWN	GSF	0
Landscape Architect	t N/A	Construction	\$369,784	ASF	0
Structural Engineer	N/A	Design	\$48,956	Efficiency Ratio	N/A
Delivery Method	JOC	FF and E	\$0	CHALLENGES	1077
Contractor	RTR Paving & Resurfacing LLC			CHALLENGES	
Plumbing Sub	N/A	PM Fee	\$34,889	Current challenges for this project:	
Mechanical Sub	N/A	Other Fees	\$17,371	* Traffic Control	
Fire Protection Sub	N/A	Construction \$/GSF	N/A	* Monsoon Season & Inclement Weathe	r
Electrical Sub	N/A	Total Project \$/GSF	N/A	* Adjacent Construction Projects	

9/19/2017

9/12/2017

4/18/2018

N/A

Winter 2018

TIMELINE

DP Selection

CPA Approved

Programming

Planning

N/A

Contractor Selection



09.0390.181 — Raymond Hall Balcony Repair



Fire Protection Sub

Electrical Sub

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

Construction \$/GSF

Total Project \$/GSF

N/A

N/A

design (Architectural) is based on the same repair work that was			Programming	IN/A	
Procurement	TBD	BUDGET		Schematic Design	N/A
ABOR Project Type	CAX	TOTAL	\$1,610,200	100% Design Docs	N/A
KEY STAKEHOLDER	RS	FUNDING SOURCES		Construction Docs	2/26/2018
Occupants	Students	HRL	\$1,610,200	Construction	5/14/18
User Reps	Chris Thrash			Substantial Completion	8/3/2018
NAU PM	Andrew Iacona			Final Completion	11/30/2018
Design Professional	N/A			AREA DATA	
MEP Engineer	N/A	ESTIMATED BUDGET BREAKDOWN		GSF	0
Landscape Architect	N/A	Construction	\$1,416,609	ASF	0
Structural Engineer	Hubbard Merrell	Design	\$9,753	Efficiency Ratio	N/A
Delivery Method	JOC	FF and E	\$0		IN/A
Contractor	Core Construction	TT dild E	Ψ	CHALLENGES	
Plumbing Sub	N/A	PM Fee	\$119,274	Current challenges for this project:	
Mechanical Sub	N/A	Other Fees	\$64,564	* Investigation of Existing Conditions	

Unknown Extent of Repair until Sand Blasting

Summer Only Construction

TBD

TBD

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.

BUDGET

ESTIMATED BUDGET BREAKDOWN

FUNDING SOURCES

TOTAL

۸ ۸			N		
VΙ		_1	IN	E	
	_	_			

DP Selection

Programming

Construction

\$0

\$0

\$0

\$0

\$0

\$0

\$0

\$0

\$0

\$0

Contractor Selection	TBD

Planning	09/21/2018

CPA Approved	TBD

Schematic Design	TBD

100% Design Docs	TBD

TBD Construction Docs

Substantial Completion TBD

Final Completion TBD

AREA DATA

GSF	0
ASF	0

Efficiency Ratio N/A

CHALLENGES

Correct challenges for this project:

Current	cnallenges	tor	tnis	proj	E

\$0	*	
N/A	*	

Procurement

ABOR Project Type

GRANT

NI/A

N/A

N/A

N/A

N/A

N/A

KEY STAKEHOLDERS

Occupants	IN/A
User Reps	Dr. Thomas Whitham
ΝΔΙΙ ΡΜ	Andrew lacona

NAU PIVI	Andrew lacona
Design Professional	NCD

MEP Engineer	N/A
Landscape Architect	N/A

Structural Engineer	N/A
Delivery Method	N/A

Contractor **Plumbing Sub**

Mechanical Sub

Fire Protection Sub

Electrical Sub

Construction

Design

FF and E

PM Fee

Other Fees

TBD

N/A

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.

BUDGET

FUNDING SOURCES

TOTAL

NI/A

TBD

TBD

TBD

TBD

TBD

TBD

IM	ΙEL	INE	

DP Selection

100% Design Docs

\$0

\$0

\$0

\$0

\$0

\$0

\$0

N/A

N/A *

Contractor Selection	TBD

Planning	9/21/2018
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CPA Approved	TBD
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Programming TBD

Schematic Design TBD

TBD Construction Docs

TBD Construction

Substantial Completion TBD

Final Completion 6/1/2019

KEY STAKEHOLDERS

Occupants	IN/A
User Reps	TC Eberly
NAU PM	Andrew Iacona

TBD Design Professional

MEP Engineer TBD Landscape Architect TBD Structural Engineer

Delivery Method Contractor

Plumbing Sub Mechanical Sub

Procurement

ABOR Project Type

Electrical Sub

Fire Protection Sub

ESTIMATED BUDGET BREAKDOWN

\$0 Construction \$0 Design FF and E \$0

PM Fee

Other Fees Construction \$/GSF

Total Project \$/GSF TBD

AREA DATA

GSF 0 **ASF** 0

CHALLENGES

Efficiency Ratio

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.

BUDGET

Total Project \$/GSF

Procui	rement	
ABOR	Proiect	Type

Electrical Sub

ABOR Project Type		TOTAL	\$250,000
KEY STAKEHOLDERS		FUNDING SOURCES	
Occupants	N/A	Central	\$250,000
User Reps	Dan Okoli		
NAU PM	Andrew lacona		
Design Professional	Sasaki		
MEP Engineer	TBD	ESTIMATED BUDGET BREAKDOWN	
Landscape Architect	TBD	Construction	\$0
Structural Engineer	TBD	Design	\$229,120
Delivery Method	TBD	FF and E	\$0
Contractor	TBD		**
Plumbing Sub	TBD	PM Fee	\$18,519
Mechanical Sub	TBD	Other Fees	\$2,361
Fire Protection Sub	TBD	Construction \$/GSF	N/A

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
AREA DATA	
GSF	0
ASF	0
Efficiency Ratio	N/A
CHALLENGES	

Steering Committee Coordination

Focus Group Meetings

Communication

N/A

TIMELINE

DP Selection

TBD

N/A

1/28/2019

7/1/2019

TIMELINE

DP Selection

CPA Approved

Programming

Planning

Contractor Selection

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	BUDGET		Schematic Design	TBD
ABOR Project Type	N/A	TOTAL	\$0	100% Design Docs	TBD
KEY STAKEHOLDERS		FUNDING SOURCES		Construction Docs	TBD
Occupants	N/A		\$0	Construction	TBD
User Reps	NAU			Substantial Completion	TBD
NAU PM	Andrew lacona			Final Completion	TBD
Design Professional	AECOM			AREA DATA	
MEP Engineer	TBD	ESTIMATED BUDGET BREAKDOWN		GSF	0
Landscape Architect	TBD	Construction	\$0	ASF	0
Structural Engineer	TBD	Design	\$0	Efficiency Ratio	N/A
Delivery Method Contractor	TBD TBD	FF and E	\$0	CHALLENGES	
Plumbing Sub	TBD	PM Fee	\$0	Current challenges for this project:	
Mechanical Sub	TBD	Other Fees	\$0	*	
Fire Protection Sub	TBD	Construction \$/GSF	N/A	*	
Electrical Sub	TBD	Total Project \$/GSF	N/A	*	