

**Project Summary for NMHED Summer Hearings 2020- Las Cruces campus (8/04/2020)  
Annual Capital Outlay Projects for Fiscal Year 2021-2022**

**Summary of 2020 Summer Hearings Project FOLLOW-UP Information (8/18/20 deadline):  
2021 Severance Tax Bond Year top priority for each Five Year Facilities Plan by campus**

 **Dona Ana Community College:**

**Requested follow-up:**

1. Language from SB207 includes creative campus media building. What portion of the \$1,860,000 project amount will go for creative campus and what will be used for Safe Campus Improvement and Infrastructure Upgrades? (See attached DACC-Memo of explanation)
- **Legislative “combined” language:**
- One million eight hundred sixty thousand dollars (\$1,860,000) to plan, design, construct, furnish and equip a creative campus media building and to plan, design, construct, furnish, equip, repair and renovate classroom improvements, security and surveillance site infrastructure, exterior locks, lighting and information technology upgrades at the Dona Ana branch community college of New Mexico state university in Dona Ana county.
2. Repurpose existing space, if enrollment is down 10%, instead. DACC continues to manage efficiency and utilization of space very closely. While a specific drop in enrollment does not necessarily open up specific space for reallocation in and of itself, because it is spread across multiple programs and courses and not concentrated in a specific program or space. DACC does have a program sustainability process that provides a systematic approach for assessing the viability of academic programs utilizing identified program and market data to determine whether it is time to sunset the program. One a program is sunset, it may provide specific space that may be utilized by existing or new programs. Additionally, DACC does work to insure spaces are utilized as efficiently as possible which includes offering classes at non-primary times and days when possible. DACC continues to have the lowest square footage per FTE, by far of other higher institutions in the State.
  3. Project Evaluation Forms have GHG emissions mentioned, but not details on who often we produce and update data. Now that we have contracted Lotus to perform the current and back casted GHG reports along with provided us an inventory management plan for the main campus we will be able to produce the GHG emissions report annually in house. The same will be true for the community college campuses, once we contract with a contractor to provide a similar service.
  4. Any change to prioritizing, looking for health and safety over new construction. DACC has prioritized health and safety as part of our overall 2019-2026 master plan. Primary projects of this master plan include the following; area safety and security upgrades at all campus, infrastructure improvements for all campuses, classroom upgrades/renewal/renovations as part of an overall classroom master plan; and IT Upgrades/Equipment as part of IT master plan. The majority of our master plan is primarily funded by our local GOB funds. The DACC priority request for the 2020 hearing is asking for funding for the classroom renovation projects. DACC has committed 1.5m from approved local GOB funds and is requesting \$1.5 million in State funds to address this need.
  5. List of expenses/program being cut that are no longer in line with your (DACC) mission or goals? DACC went through a comprehensive review of programs in 2018 to evaluate and identify programs that no longer demonstrate they are addressing student mobility or no longer meet industry or workforce needs. Based on the DACC Program Sustainability process conducted, DACC identified the following 3 programs that did not meet identified viability criteria for continuing operation.
    - Electrical Apprenticeship Program (AAS and certificate)
    - Library Science Program (AAS and four certificates)

- Paralegal Studies (AAS)

The sunseting of these programs has resulted in annual savings of \$236,506 to be recognized in FY2020-21 as the teach out of existing students in these programs has been completed. DACC is also in the process of conducting another review process to evaluate programs. Data and metrics used for this process include such items as enrollment productivity, course efficiency, faculty workload, industry input, job market and salary data. The sunseting of these particular programs did not provide any measurable space for direct space reallocation based on their closure as they were already operating at low capacity and shared space with other programs.

6. Are the public school charters or early college high schools contributing to the cost of the creative media program? You can send me email separately.

The Las Cruces Public Schools Arrowhead Park Early College High School (AHPECHS) currently works closely with DACC and contributes funding for all courses that are 100% filled with AHPECHS students. We also work closely with Alta Vista Early College High School in the Gadsden ISD although they do not directly contribute funding. Both districts are active partners in working with DACC to serve these high school students in Dona Ana County. The Creative Campus will provide additional opportunities to identify specific high school student pathways for creative media certificates and degrees.

- **Update Five Year Capital Project Funding Plan, Project Evaluation and ICIP, and include Regent signature on certification (if changing priorities)**

**Forms submitted for Summer Hearings:**

- 01-2020\_Submittal\_Certification-NMSU-DACC-Signed
  - 02-2020\_Project\_Evaluation\_Form (with supporting documents by project as described below)
  - 03-2020\_Five\_Year\_Plan\_for\_Capital\_Project\_Funding-NMSU-DACC (Excel spreadsheet)
- NMSU-DACC Creative Media Building (DACC Local Fund Commitment \$3,900,000); (\$1,500,000)**
    - 02a-2020\_Project\_Evaluation\_Form-DACC-Creative Media Building-R10 (Funded per combined language above, remove from Five Year Plan) Completed, see attached.
  - NMSU-DACC Classroom and Lab Renovation Safe Campus Improvements and Infrastructure (Bldg. System, IT) Upgrades and Replacements (DACC Local \$1,500,000), (\$1,500,000).**
    - 02b-2020\_Project\_Evaluation\_Form-DACC-Classroom Renovation-R8 (Move to priority #1, update Five Year Capital Project Funding Plan, Project Evaluation and ICIP)

**Las Cruces:**

**Requested follow-up:**

7. From Steve Olson 8/07/2020, response complete/sent on 8/10/2020):

For a short report to legislators, I am seeking clarity regarding the 2018 \$25 million appropriation for the NMSU ACES Agriculture Modernization and Education Facilities (C5102).

- **Why is this project delayed?**

After months of contract discussions with the architecture firm that completed the Agricultural Education Facilities Master Plan I and II documents, NMSU was unable to come to an agreement. Additional services for consultant fees, travel expenses and the maximum allowable rate for architects did not align with the state administrative code in 1.5.18 NMAC for procedures and definitions of basic services.

As a result of unsuccessfully negotiation the contract terms and fees, the Agricultural Modernization and Educational Facilities projects (2018 GO Bond) were advertised for professional architectural/engineering services through a new request for proposal. The process to advertise, evaluate, interview and procure the new design team took additional time. The project has now moved from Design Development to the Construction Document phase.

- **And, what is the projected timeline moving forward with the project? (PDE confirmed, 8/10/2020)**

**Planned Approvals:**

- o NMSU Board of Regents – September 2020
- o Higher Education Department – Expected October 2020
- o State Board of Finance- Expected November 2020

**Contract Term Dates:**

- o 01/07/2020 Start Date
- o 05/20/2022 Final Deliverable of All Services Date
- o 05/20/2023 Contract Close-Out/Termination Date

**Project Schedule:**

- o 07/28/2020 Completion of 50% CD's including Design Manual
- o 09/22/2020 Completion of 75% CD's (Presentation)
- o 11/10/2020 Completion of 95% Construction Document Phase
- o 12/08/2020 Completion of Construction Document Phase - Final
- o 12/20/2020 Advertise for construction proposals (cost & qualifications)
- o 01/05/2021 Pre-Bid Conference
- o 02/02/2021 Construction Bids Received
- o 02/23/2021 Construction Agreement Signed
- o 03/19/2021 Construction Notice to Proceed
- o 03/19/2021 Pre-Construction Conference
- o 05/20/2022 Construction Complete; Certificate of Occupancy

8. Last year, we asked for a strategic plan for these AES facilities. What is the status of that strategic plan? (From Mark Valenzuela to DACC) (ACES provided, see attached)
  - o College of ACES is almost done with the strategic plan on AES facilities. We will provide as soon as it is done. (Per Chancellor Arvizu)
9. Rank top priorities for NMSU System, provide at least 1-3 (President/Chancellor)
 

NMSU system is the state's land-grant university, serving educational needs of New Mexico's diverse population through comprehensive programs of education, research, extension education, and public service. The NMSU system includes the main campus in Las Cruces, and the four community colleges in Dona Ana, Alamogordo, Carlsbad, and Grants. In addition to the branch locations, the Agricultural Experiment Station (AES) system is responsible for the research arm of New Mexico State University's College of Agricultural, Consumer and Environmental Sciences (ACES), consisting of scientists on the main campus and at Agricultural Science Centers (ASCs) throughout New Mexico. The New Mexico Department of Agriculture state agency is also located on the Las Cruces campus, and part of the NMSU System.

Each campus has identified the most critical needs for the Five Year Capital Project Funding Plan for FY22 priorities for the unique situation at that particular site, location and county. NMSU has limited the requests to program emphasis for Severance Tax Bond Projects for the 2021 Legislative Session for protect the assets, reliable utilities, and reduce deferred maintenance. These are the highest priority requests and essential to delivering the educational mission for the NMSU system.
10. Confirm priorities for Las Cruces Campus: (President/Chancellor confirmed moving Data Center Infrastructure up to priority 3, per list below in descending order)
  - o Tunnel Repairs
  - o Ag Science Center
  - o Data Center Infrastructure upgrades
  - o Selective Demolition per space plan (Greek Complex)
- Update Five Year Capital Project Funding Plan, Project Evaluation and ICIP, and include Regent signature on certification
  11. Sources and uses for funding for Ag Modernization Phase 1 and 2 and confirm fully functional phases (Per David Abbey) (PDE provided)

**Barns and Site:****2018 GOB – General Obligation Bond funds**

Phase 1 – To provide programming, design for renovation, asbestos abatement, demolition, repurposing of existing buildings. Site work for grading and drainage. In Phase 1 the buildings and site work will be fully functional.

Phase 2 – Civil work south of Stewart, demolition and the new Student Learning and Outreach Center. In Phase 2 the buildings and site work will be fully functional.

### **Food Science Learning and Safety Center**

#### **2018 GOB – General Obligation Bond funds**

Phase 1 – Build a new building for the Meat Lab and Pilot Plant/Food Safety Center. In Phase 1 the building contains a fully functional meat lab with retail capabilities and a Pilot Plant for research and teaching food safety techniques.

### **Feed Mill:**

#### **2018 GOB – General Obligation Bond funds**

Phase 1 – Build a new Feed Mill building. In Phase 1 the feed mill will be fully functional and capable of feeding animals on campus and providing research feed mixes.

Phase 2 – Provide some additional new equipment. At Phase 2 the feed mill will be fully functional with more options for feeding animals on campus and providing research feed mixes.

### **Biomedical Research Building**

#### **2018 GOB – General Obligation Bond funds**

Phase 1 – Build a new Biomedical Research Building to support science discovery, testing, clinical trials for cancer and agriculture research. In Phase 1 the building will be fully functional to conduct research.

Phase 2 – Build an addition to allow additional research including wild caught animals and vivarium support space. At Phase 2 the building will be fully functional to conduct research and house a greater diversity of animals.

### **Update on Agricultural Modernization and Educational Facilities: Phase I (Go Bond 2018) and Phase 2 (GO Bond 2020)**

The Ag Modernization project was originally planned as three (3) GO Bond cycles. Revisions to the scope of work in the AEF Master Plan II document dated November 2017, organized the project into two (2) GO Bond requests for 2018 and 2020, both for \$25,000,000. The Agricultural Modernization and Educational Facilities Phase 2 (GO Bond 2020) was recommended by HED and LFC for a lesser \$18,830,000 amount; and the project amount in the Senate Bill 207 ended up at \$18 million. Because the GO Bond request for the Phase 2 is less than \$25M the scope of work for this group of projects will be adjusted to meet these funds and \$7M shortfall.

In Phase 2, the reduced scope will include the size of the Biomedical Center in Phase 2 and Food Security & Animal Production Efficiency, to be combined. Efficiencies in operations and construction will be captured in building one facility instead of two. The budget for renovating the building for Water Conservation and Rangeland Ecology will also be decreased, and focus on installing a classroom/meeting space in the existing Livestock Physiology/Metabolism building, per the table below for recommended facility reductions for the \$18M funding.

### **Combine Food Security & Animal Production Efficiency (Livestock physiology/metabolism) with Biomed Phase 2.**

**TABLE PROVIDED BY NMSU College of ACES with Facilities and Services\***

Facility	Masterplan Request	Recommended Funding
Combine Biomedical Phase 2 and Food Security & Animal Production Efficiency (gross sq. ft. @\$615/ sq. ft.)	\$21,945,000 (35,682 sq. ft.)	\$9,225,000 (15,000 sq. ft.)
Student Learning and Outreach Center (gross sq. ft. @\$300/ sq. ft.)	\$12,670,000 (42,233 sq. ft.)	\$7,240,905 (24,136 sq. ft.)
Water Conservation and Rangeland Ecology	\$650,000	\$200,000
Demolition and site preparation	\$2,835,000	\$1,620,000

\*If the New Mexico Public Education Bond Issue for higher education institutions fails on November 3, 2020, the Agricultural Modernization and Educational Facilities Phase 2 project will be the top priority for NMSU Las Cruces for the next GOB in 2022.

12. Energy performance for ASC, is an Energy Performance Contract possible for funding utilities, HVAC, exterior skin and window replacement type projects? (SVP Burke responded)
13. NMSU to rank capital outlay project priorities for system, directed at Chancellor Arvizu.
14. Schedule for projects with unspent funds for Tunnel Repairs initial \$3M. (PDE provided)

Shortage of structural engineers in the state of New Mexico. Published a RFP for tunnel design; first time unresponsive submittals (incomplete); second time could not negotiate the contract; and third time contract pending signatures.

15. Confirm that NMSU is capable of managing the next \$3,000,000 tunnel repairs appropriation in a timely manner, given the current \$3M unspent. (PDE, see attached)

#### Forms submitted for Summer Hearings:

- 00-2020\_Summer\_Hearings\_Checklist-NMSU System-R1
  - 02-2020\_Project\_Evaluation\_Form (with supporting documents by project as described below)
  - 03-2020\_Five\_Year\_Plan\_for\_Capital\_Project\_Funding (Excel spreadsheet)
- a. **NMSU LC- Repair Tunnel A Sections (\$3,000,000)**
    - 02a-2020\_Project\_Evaluation\_Form-LC-Tunnel-R10
  - b. **Selective Demolition per space plan (Greek Complex) (\$1,500,000)**
    - 02b-2020\_Project\_Evaluation\_Form-LC-Demolition-Greek-R14
  - c. **Ag Science Center Improvements per assessment (\$3,000,000)**
    - 02c-2020\_Project\_Evaluation\_Form-LC-Ag Science Centers-R7
  - d. **Data Center Infrastructure Upgrades (\$1,516,000)**
    - 02d-2020\_Project\_Evaluation\_Form-LC-Data Center Infrastructure-R11

#### ✚ Alamogordo:

#### Requested follow-up:

16. Clarification on who much NMSU-A needs for priority one. Include the \$900,000 in the updated ICIP, which means the need is \$160,000 if 2020 GO Bond is approved (funded). (Per President Van Winkle/Nancy Wilkson)  
NMSU-A is requesting a total of \$1,060,000 for the upgrade of mechanical ductwork and boiler feed lines (total project cost is \$1,085,000). Currently, there is a 2020 GO Bond request of \$900,000 that will be voted on in the November 2020 General Election. If this bond passes, we will only need an addition \$160,000 to complete the project. NMSU- has agreed to contribute \$25,000 towards the project. If the GO Bond does not pass, we are requesting \$1,060,000.
- Update Five Year Capital Project Funding Plan, Project Evaluation and ICIP, and include Regent signature on certification.

#### Forms submitted for Summer Hearings:

- 01-2020\_Submittal\_Certification-NMSU-A-Signed
  - 02-2020\_Project\_Evaluation\_Form (with supporting documents by project as described below)
  - 03-2020\_Five\_Year\_Plan\_for\_Capital\_Project\_Funding-NMSU-A (Excel spreadsheet)
- a. **NMSU A- Mech. Ductwork & Boiler Feed Lines (\$1,060,000)**
    - 02a-2020\_Project\_Evaluation\_Form-A-Mech ductwork-R11
  - b. **NMSU A- Classroom Building Infrastructure (\$650,000)**
    - 02b-2020\_Project\_Evaluation\_Form-A-Classroom Building Infrastructure-R10

#### ✚ Grants:

#### Requested follow-up:

17. Update Project Evaluation Form and include diagram that shows which roof sections are in this request for Martinez Hall Roof Replacement and the center section that is already design and funded. (PDE provided, see attached)
18. LFC Request for Information (from Stevie Olson, response complete on 8/05/2020):

During your presentation, you or someone from NMSU-G mentioned not receiving any bids on the roof project. I am trying to gather more information on that situation:

- Was this bid connected to the 2018 NMSU-Grants GOB appropriation for Martinez Hall Renovation (Approp ID C5101)?

The NMSU Grants Martinez Hall Renovation is Appropriation Code C5101 project funding from 2018 GOB.

- When was the initial request for the bids made?

The initial request for the bids were made on 05/17/2020.

- What was the scope of the project being bid on?

The scope of the project being bid:

Building renovations including restrooms and center section roof upgrades at NMSU Grants Martinez Hall - Grants, NM.

- What is the plan moving forward with this project?

The plan moving forward with this project is:

- Re-Bid - 07/19/2020
- Bid Opening - 08/18/2020
- The bid packet/scope of work remains unchanged

- Did the initial request for bids receive bids? Was a bid accepted and canceled? If so, why?

On the initial bid for Grants Martinez Hall Renovations, no bids were received.

- Update Five Year Capital Project Funding Plan, Project Evaluation and ICIP as necessary

Forms submitted for Summer Hearings:

- 01-2020\_Submittal\_Certification-NMSU-G-Signed
- 02-2020\_Project\_Evaluation\_Form (with supporting documents by project as described below)
- 03-2020\_Five\_Year\_Plan\_for\_Capital\_Project\_Funding-NMSU-G (Excel spreadsheet)

- a. NMSU-G- Martinez Hall Roof Replacement (\$1,200,000)

02a-2020\_Project\_Evaluation\_Form-G-Martinez Roof-R9

✚ Carlsbad:

Requested follow-up:

19. Schedule for Carlsbad Site Improvements with unspent funds for \$1M and explanation. (PDE provided schedule below)

NMSU Board of Regents Approval – 10/23/19

Higher Education Department Approval – 03/13/20

State Board of Finance Approval – 04/21/20

Design – 10-20 thru 04/20

Project Bid – 04/26/20

Bid Opening – 06/04/20

P.O. Issued – 07/01/20

Construction Notice to Proceed – 07/08/20

Construction Completion – 01/02/21

- Project is in early stages of construction and is expected to be completed in January 2021.

Forms submitted for Summer Hearings:

- 01-2020\_Submittal\_Certification-NMSU-C-Signed
- 02-2020\_Project\_Evaluation\_Form (with supporting documents by project as described below)
- 03-2020\_Five\_Year\_Plan\_for\_Capital\_Project\_Funding-NMSU-C (Excel spreadsheet)

- a. NMSU-C- Information Technology and other infrastructure upgrades (\$750,000)

02a-2020\_Project\_Evaluation\_Form-C-Information Tech-20020520-R4

SUPPLEMENTAL:

✚ NMDA Building Renovation (\$10,500,000)

Requested follow-up:

20. Schedule for NMDA Building Renovation with unspent funds for initial \$14M, and explanation.  
(PDE confirmed schedule)

NMSU published a Request for Proposal (RFP) for professional architectural/engineering design services for the New Mexico Department of Agriculture, evaluated proposals, selected a firm, and negotiated the contract with the preferred design group. Project kick-off was October 2019. Current status is in design and on target to meet the contract term dates and schedule below.

**Planned Approvals:**

- NMSU Board of Regents – September 2020
- Higher Education Department – Expected October 2020
- State Board of Finance- Expected November 2020

**Contract Term Dates:**

- 10/21/2019 Start Date
- 08/21/2022 Final Deliverable of All Services Date
- 08/21/2023 Contract Close-Out/Termination Date

**Project Schedule:**

- |              |  |
|--------------|--|
| ○ 10/21/2019 | Assumed date of A/E Contract                                 |
| ○ 10/21/2019 | Kick-off Meeting   |
| ○ 11/12/2019 | Completion of Programming                                    |
| ○ 12/10/2019 | Completion of Schematic Phase (Presentation)                 |
| ○ 02/04/2020 | Completion of Design Development Phase                       |
| ○ 03/31/2020 | Completion of 50% CD's including Design Manual               |
| ○ 05/26/2020 | Completion of 75% CD's (Presentation)                        |
| ○ 07/21/2020 | Completion of 95% Construction Document Phase                |
| ○ 09/22/2020 | Completion of Construction Document Phase - Final            |
| ○ 10/04/2020 | Advertise for construction proposals (cost & qualifications) |
| ○ 10/08/2020 | Pre-Bid Conference   |
| ○ 11/05/2020 | Construction Bids Received                                   |
| ○ 11/26/2020 | Construction Agreement Signed                                |
| ○ 12/21/2020 | Construction Notice to Proceed                               |
| ○ 12/21/2020 | Pre-Construction Conference                                  |
| ○ 08/21/2022 | Construction Complete; Certificate of Occupancy              |

**Explanation:**

Project is in design, 50% CD are under review, and unspent funds are allocated for completion of the Construction Documents, Bidding, Construction and Closeout.

**Funds to provide for NMDA Main Building:**

- Renovate existing west addition building as State Chemist's Lab
- Adequate laboratory space requires renovation of space to accommodate laboratory accreditation

**Funds to provide for NMDA Renovation to NMDA Addition:**

- Renovate existing west addition building as State Chemist's Lab
- Adequate laboratory space requires renovation of space to accommodate laboratory accreditation

**Funds to provide for NMDA New Laboratory Building:**

- Separation of petroleum and chemistry labs
- Removal of laboratories from main building, current proximity of labs to employees presents an immediate life safety concern. (Labs work with petroleum products, fertilizer products, and pesticides.)
- HVAC system to accommodate equipment needs and associated electrical requirements for lab equipment, code compliance and for accreditation
- Flooring updates to meet health standards
- Fire separation walls and a fire sprinkler system





East Mesa Campus  
Chaparral Center  
Sunland Park Center

Espina Campus  
Gadsen Center  
Workforce Center

3400 South Espina Street, Las Cruces, NM 88003, (575) 528 - 7000  
Toll Free 1 (800) 903 - 7503, Fax (575) 527 - 7515, dacc.nmsu.edu

August 12, 2020

Gerald M. Hoehne  
Director of Capital Project  
State of New Mexico, Higher Education Department  
2044 Galisteo Street, Suite 4  
Santa Fe, NM 87205-2100  
(sent by email only)

Dear Mr. Hoehne:

As a follow up to our discussion on August 4, 2020, which provided clarification regarding the final approved language in SB207 based upon DACC's 2019 summer hearing request, I would like to amend the DACC 2020 project submission to incorporate how the \$1.86m is being allocated between our two priority projects for 2019.

In response to your question regarding how DACC will allocate the \$1,86m, DACC will be applying \$1.5m to the Creative Campus project, our first priority project, and we will be allocating the remainder \$360k to our second priority project; safe campus improvements and infrastructure upgrades and replacements. DACC will contribute additional local/BRR funds or used a phased approach to address the difference in requested funding for the safe campus improvements project.

This adjustment to our 2019 request then impacts our current 2020 submission. We are removing the Creative Campus project completely from our 2020 submission as it has been fully addressed through the 2019 request, and are moving our classroom and lab renovation project to our first and only priority for 2020. As noted in our submission, we have committed \$1.5m from local GOB funds for this project and are requesting an additional \$1.5m from State funds for a total project of \$3m for classroom and lab renovations identified as part of a classroom renovation mini master plan.

Attached please find a revised five-year facilities plan incorporating the above change for our 2020 submission. Additionally, we will also be adjusting the ICIP to reflect these changes. Below, if you have any problems or questions, please don't hesitate to contact me at (575) 527-7551 or Dr. Mónica Torres at (575) 527-7510.

Sincerely,

A handwritten signature in blue ink that reads 'Kelly Brooks'.

Kelly Brooks  
VP Business & Finance

Cc: (by email only)  
Mónica F. Torres, Ph.D. President, DACC  
Dan E. Arvizu, Ph.D., NAE, NAPA, Chancellor, NMSU System  
Heather Watenpaugh, AIA, NCARB, AUA, University Architect & NMSU Campus Planning Officer



New Mexico State University  
Five Year Facilities Plan  
NMSU\_DACC.Final Campus

August 10, 2020

**2021-2022 (Severance Tax Bond Year)**

Classroom and Lab Renovations <i>(DACC Local Fund Commitment \$1,500,000)</i>	\$	1,500,000
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**2022-2023 (2022 GO Bond)**

Infrastructure upgrades and replacement	\$	1,700,000
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Information Technology Infrastructure Upgrades	\$	325,000
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**2023-2024 (Severance Tax Bond Year)**

Infrastructure upgrades and replacement	\$	1,700,000
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Information Technology Infrastructure Upgrades	\$	325,000
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**2024-2025 (2022 GO Bond)**

Gadsden Center Advanced Technology Center <i>(DACC Local Fund Commitment \$3,000,000)</i>	\$	2,500,000
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Information Technology Infrastructure Upgrades	\$	325,000
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**2025-2026 (Severance Tax Bond Year)**

Infrastructure upgrades and replacement	\$	1,700,000
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Information Technology Infrastructure Upgrades	\$	325,000
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# **STRATEGIC PLAN FOR THE AGRICULTURAL SCIENCE CENTERS (ASCs) OF THE NEW MEXICO AGRICULTURAL EXPERIMENT STATION SYSTEM**

**College of Agricultural, Consumer and Environmental Sciences  
New Mexico State University  
2020-2025**

## **Introduction**

The Agricultural Experiment Station (AES) system is the research arm of New Mexico State University's (NMSU) College of Agricultural, Consumer and Environmental Sciences (ACES), consisting of scientists on the main campus and at agricultural science centers (ASCs) throughout New Mexico. The 12 ASCs support fundamental and applied research under New Mexico's varied environmental conditions to meet the agricultural and natural resource management needs of communities in every part of the state. ASCs consist of two types: 1) facilities without resident faculty, which serve as research support field laboratories for campus-based faculty, and 2) off-campus facilities with faculty stationed at the centers that also serve, in part, as research support field laboratories for campus-based faculty.

## **Meeting the AES Mission**

The College of ACES is an engine for economic and community development in New Mexico, improving the lives of New Mexicans through academic, research, and extension programs. The AES system supports fundamental and applied science and technology research to benefit the economic and community development of New Mexico's citizens in the economic, social, health, and cultural aspects of agriculture, natural resources management, and family issues, which are represented in the ACES Four Pillars: 1) food and fiber production and marketing, 2) water use and conservation, 3) family development and health of New Mexicans, and 4) environmental stewardship. Faculty support the AES mission through work done at the science centers, NMSU Main Campus, and collaborative work with people and institutions across the state and beyond. While the ASCs were established to conduct research under the AES, community needs have prompted a broader approach over the years. Some faculty at ASCs now have majority Extension appointments. Several ASCs note Extension/outreach efforts in their individual mission statements, regardless of whether any faculty have formal Extension appointments. Recent investments and incentives also promote increased engagement of ASC faculty in teaching and advising graduate students.

**Note: This system wide level strategic plan covers all agricultural science centers, both animal- and plant-oriented, at a high level. Key Performance Indicator metrics are detailed in the strategic plans for individual ASCs.**

# **AGRICULTURAL SCIENCE CENTER SYSTEM RESPONSE TO NMSU LEADS 2025 STRATEGIC PRIORITIES**

## **GOAL 1: ENHANCE STUDENT SUCCESS AND SOCIAL MOBILITY**

### **Supporting the College Teaching Mission**

In addition to supporting research, Extension, and outreach, all ASCs should have influential roles supporting the teaching mission of ACES. Currently, some faculty at ASCs are members of the Graduate Faculty and serve as members of graduate student committees and/or as advisors to M.S. and Ph.D. students. Many of the ASCs host student tours and support graduate student research projects at the centers. ASC faculty serve as guest speakers in undergraduate and graduate courses and are encouraged to teach courses via distance to students on campus. Increased summer internships and undergraduate student mentoring could increase recruitment of graduate students interested in working with ASC faculty. ASC faculty are also well-positioned geographically to extend the reach of ACES undergraduate student recruiting efforts and should be included in the College recruiting strategy. Additionally, there is an opportunity to expand the ASCs into certificate learning (e.g., new and beginning farming and ranching) that are non-traditional student-based learning tracks); these opportunities are articulated in the Key Performance Indicators for individual ASCs.

### **Objective 1.1: Maintain and enhance existing structure that supports student success.**

#### **Actions:**

- Pursue extramural grants and fellowships that target research opportunities and professional training for students.
- Collaborate with campus and other ASC faculty on grants that support graduate student research.

### **Objective 1.2: Increase recruitment and retention of undergraduate and graduate students in programs of the College of ACES.**

#### **Actions:**

- Use stakeholder advisory committees in student recruitment and support activities.
- Provide immersion-based learning opportunities for students.
- Promote and market the academic programs in ACES and NMSU, and inform our constituents of the career opportunities an ACES degree provides.
- Include ASC faculty on departmental and college recruitment committees.

### **Goal 1 Key Performance Indicators (KPIs)**

- Graduate students mentored by ASC faculty.
- Formal classes taught by ASC faculty (on campus or by distance).
- Guest lectures by ASC faculty.
- Outreach events at ASCs with a recruiting component.
- Undergraduate student hires at ASCs.
- Internships offered/internships conducted.
- Graduate research activity.

## **GOAL 2: ELEVATE RESEARCH AND CREATIVITY**

Active collaboration occurs among ASCs and with main campus. All ASCs are involved in graduate education either by ASC faculty having their own graduate students or through collaboration with faculty on NMSU's main campus. Increasing these efforts will enhance the overall impact of the work of the AES.

### **Objective 2.1: Conduct research, teaching and Extension programs on emerging issues.**

#### **Actions:**

- Identify strategies to promote New Mexico's food supply chain activities (transportation/distribution, warehousing, storage, and processing) that link farm and ranch production with consumers.
- Investigate new economically-viable uses for various plant and animal species.
- Develop management and mitigation strategies to combat pesticide resistance.
- Build value-added programs in crop, animal and range sciences.
- Test genetic improvements of crop plants.
- Develop urban and small landholder horticulture programs to assist small-scale agricultural efforts and the green industry.
- Identify and develop niche markets and products (e.g., animal products, medicinal plants, local foods, alternate crops, organic crops, community gardens and farmers' markets).
- Identify and develop value-added opportunities for farmers, ranchers, and other producers.
- Maintain and enhance existing infrastructure and capability that supports innovative applied research.
- Bring avant-garde technologies in agriculture to New Mexico to improve economic development.
- Assess coping strategies, decision-making and communication skills, and consumer behavior for producers.
- Support research for the development of crops and cropping systems that are resilient to water scarcity, pests, and disease.
- Support interdisciplinary initiatives that enhance production of alternative and specialty crops.
- Increase research on organic and conventional crop production.
- Foster collaborative research projects with other agricultural research institutions, industry, and farmers.

### **Objective 2.2: Address critical water use and conservation issues in New Mexico and beyond (national/international) using a science-based approach.**

#### **Actions:**

- Discover and develop methods for characterizing water supply and water quality, especially in semi-arid environments.
- Advance our understanding of impacts of using alternative water sources for irrigated agriculture.
- Discover requirements for water resource sustainability within the fragile environment of semi-arid systems.

- Optimize agricultural water resources including ground and surface water through water allocation, water conservation, and water management to provide safe and secure food systems while ensuring ecosystem services.
- Develop management approaches for watershed, riparian and aquatic systems.
- Assess and understand the impacts of prolonged drought, climate change, and increasing aridity on available water supply, agricultural water utilization, and ecological sustainability.
- Increase water quality and quantity through improved water use, use of alternative water sources, treatment, and conservation.

**Objective 2.3: Encourage and reward interdisciplinary and integrated relationships with other research efforts across the university and external partners, emphasizing both applied and fundamental methods for developing comprehensive solutions to relevant issues.**

**Actions:**

- Develop and enhance collaboration with other units at NMSU, other universities, federal agencies, and private industry involved in research.
- Develop research collaborations through consortia and international programs.
- Identify and target public-private relationships and partnerships.

**Objective 2.4: Address critical environmental issues in New Mexico and beyond.**

**Actions:**

- Advance our understanding of controlling processes and mechanisms influencing soil quality resiliency through alternative water irrigation and soil salinization.
- Develop novel methods for characterization of soil erosion with consideration of both wind erosion and ephemeral storm-flood events.
- Use novel methods to assess dust, soil erosion, and industrial release impacts on air pollution.
- Determine the role of livestock in the control of wildfire and invasive plant species.
- Support programs that seek to understand how microbial community diversity and ecosystem functionality impact desertification and rangeland management, as well as soil health in cultivated systems.
- Investigate the natural environmental system and agricultural industrial controls over nutrient fluxes, utilization and cycling/recycling.
- Develop novel utilization approaches and advance our understanding of environmental impacts of renewable energy (e.g., biofuels) within desert environments.
- Investigate forest management practices that improve forest health and water values in connection to climate change and fire risk.
- Investigate multiple land use options for rural communities that include ecosystem service markets.

**Goal 2 Key Performance Indicators (KPIs)**

- Research and development expenditures
- Contributions to intellectual property and technology innovation and transfer
- In-kind funding

- Number of graduate students associated with ASCs
- Proposals submitted (total \$ requested)
- Research funding (total \$ awarded and sources [Federal, State, Industry, Foundation, Other])
- Number of researchers (FTE)
- Publications (refereed journals, plus AES and Extension publications)
- Intellectual property
- Number of joint/collaborative projects between ASCs
- Number of joint/collaborative projects between ASCs and main campus
- Number of joint/collaborative projects between ASC AES faculty and CES faculty
- Number of joint/collaborative projects between ASCs and governmental and other agencies (e.g., national labs, USGS, NRCS)
- Number of collaborative projects between ASCs and local communities/community organizations
- Number of workshops/presentations/field tours
- Stakeholder events with scientists in attendance
- Number of advisory board meetings
- Student employment (# undergraduate and graduate students employed)
- Gift revenue (total \$)
- Collaboration with faculty on main campus

The following are provided to increase collaboration with and between off-campus ASCs.

- On-campus faculty should collaborate with ASCs. Off-campus faculty normally have been expected to take the initiative to seek collaboration with on-campus faculty. With more involvement of faculty at ASCs, increased graduate student involvement at ASCs should follow. A recent example of an incentive for graduate students and their advisors was the internal ACES graduate student grants that gave additional funds for awarded projects occurring at off-campus centers. These kinds of incentives should continue and be increased.
- Graduate student housing should be available at all off-campus ASCs. Also, graduate courses, whenever possible, should be online so students can take them while living at/near the ASC where they are carrying out their research. Off-campus ASCs require high speed internet to allow distance learning opportunities and participation in other activities conducted on the main campus (e.g., department and college meetings, research collaboration meetings, seminars, trainings).
- ASCs need facilities to attract collaborators (such as USDA-ARS, other universities, and industry). Research facilities (lab, equipment, greenhouses) are either lacking or out of date. Funding for improvements to our current ASC infrastructure is needed for our faculty to be successful in garnering resources through the competitive grant process.
- The ASCs need sufficient staff/help to be able to collaborate effectively. Even with grant monies, ASCs might not be able to hire the people with the needed skills and knowledge to carry out the planned research, because the pay scales are too low to attract and retain personnel. A review of the job categories, classifications and pay scales available for agricultural staff by NMSU's Central Administration and the development of greater diversity in positions is needed.



- Off-campus faculty should have the same resources available to them as on-campus faculty. For example, NMSU's Teaching Academy provides trainings on grant writing but does not put the trainings online.
- Indirect Cost (IDC) will be returned to the ASCs where the research was performed, regardless of which unit a researcher's Banner Org Number is assigned.

To keep the ASCs viable in the future, they must continue to build on their long history of researching innovations (e.g., commercially-viable Chile, niche market onions, turfgrass adaptations for the Southwest, and improved feedlot health of received calves) that enable our agricultural stakeholders to advance their business enterprises. In this capacity, the centers need to be visionary in planning for the future research needs of their clientele. Input from advisory boards and local stakeholders is an essential part of the process of developing future research plans. Maintaining agricultural relevancy through innovative research plans will sustain the growth of the agricultural industries, thereby enhancing the socioeconomic resilience of rural communities. Additionally, incentivizing public/private partnerships will help foster research that provides economic benefits to rural communities.

### **GOAL 3. AMPLIFY EXTENSION, OUTREACH, AND ECONOMIC AND COMMUNITY DEVELOPMENT**

Extension consists of transferring university scientific knowledge and advancements to relevant external audiences through open-access information resources, presentations, events, training programs and individual consultations. Outreach activities include presentations, connections with communities and families, multigenerational engagement, community and economic development, entrepreneurship, and collaborative efforts with industry and corporations.

#### **Communication and Dissemination of Research Impacts at ASCs**

Many valuable research projects that provide both short-term and long-term benefits to citizens of NM are conducted at NMSU's ASCs; ensuring that state clientele are familiar with ASC activities is key to continuing support of the facilities. Increasing awareness of the ASCs can be accomplished by creating or increasing existing partnerships with county Cooperative Extension Service personnel, increasing social media presence, and hosting events that encourage local partnerships. Increased collaboration with NMSU Marketing and Communications Services is necessary for improved publicity and marketing. Partnerships between ASC researchers and communications specialists have resulted in YouTube clips that have widely spread information on projects to state clientele as well as national and international audiences. These productive connections further research connections that increase external funding opportunities.

Increasing role of Cooperative Extension: Because of the critical importance of a close working relationship between the Agricultural Experiment Station and the Cooperative Extension Service, county agent participation on the ASC Advisory Boards is encouraged. Participation of local county Extension agents at ASC field days is also critical. This allows the ASC to obtain input on local research needs and provides a mechanism for ASC to share their research findings to clientele and the local communities. Joint research and Extension appointments are also encouraged at the ASCs.

Increasing Social Media and Web-based Communication: Social media is increasingly important

as a conduit for information to and between people. While all the ASCs have a website and many utilize Facebook, Twitter, and other social media platforms, these activities should increase. At least one person at each station should be tasked with providing regular posts highlighting research impacts, activities, and events at the ASC as well as ensuring website information is up-to-date.

Community Events to Foster Connections: Traditional field days raise the profile of ASCs and are conducted regularly at most sites, but increasing the number of events with hands-on activities and connections to local schools, community organizations, and other clientele can create partnerships with the ASCs. NMSU researchers without Extension appointments will have a small allocation of effort in outreach to ensure that their research results are disseminated to stakeholders. Likewise, the ASC Superintendents should maintain an outreach allocation to facilitate the outreach efforts of their station. This could include serving on school boards and participating in service organizations, as well as providing opportunities to ensure that research occurring at each ASC is disseminated to the public.

**Objective 3.1: Develop innovative, multidisciplinary educational programming addressing issues relevant to New Mexico and expand the clientele base.**

**Actions:**

- Produce materials that can be delivered through mass media outlets – publications, news items, social media content, and different languages.
- Initiate faculty lines to provide expertise in areas identified by stakeholder advisory committees.

**Objective 3.2: Connect current research with the community.**

**Actions:**

- Hold workshops and field days.
- Improve websites that describe results of current research.
- Increase social media presence to highlight research and creativity activities.
- Demonstrate the importance of natural resource conservation and management practices.
- Help the Cooperative Extension Service disseminate research-based information to the citizens of NM, including co-authoring Extension publications based on research conducted at the ASCs.

**Goal 3 Key Performance Indicators (KPIs)—Detailed KPI metrics are included in individual ASC strategic plans.**

- Evaluation of impacts of programs.
- Financial investment in research programs and centers.
- Outreach expenditures.
- Outreach programs related to community and economic development.
- Clientele contacts, workshops, courses, and field days.
- Number of collaborative industry, agency, and community activities.
- Number of public programs hosted at ASCs.
- Number of youth, students, faculty, and staff engaged in programs at the ASCs.
- Number of general publications and media releases.

- Number of invited presentations.
- Number of stakeholder events, meetings, and tradeshow attended.
- Number of community, stakeholder, state, or national events attended.
- Grants and contracts and expenditures for outreach

#### **GOAL 4. BUILD A ROBUST UNIVERSITY BY IMPLEMENTING AGRICULTURAL SCIENCE CENTER SYSTEM-WIDE, MISSION-SUPPORTING STRATEGIC INITIATIVES**

New Mexico's environmental diversity presents challenges for agricultural production, affecting decisions made by crop and livestock producers. Having ASCs strategically located in these diverse regions enables NMSU researchers to conduct relevant research programs that bring innovations, management enhancements, and other benefits to farmers, ranchers, and communities statewide. Through the characteristics of the land, the specialized knowledge of the ASC personnel, and the research infrastructure located at the ASCs, NMSU is able to target research to the right location. The Agricultural Science Centers possess unique features that enable them to specifically meet the needs of their local stakeholders. (See *Report of the Advisory Team for the Future of Agricultural Research*, December 2018 for details.)

##### **Objective 4.1: Recruit undergraduate and graduate students and faculty globally and increase the recruitment from underrepresented groups.**

###### **Actions:**

- Collaborate with the ACES Global Initiatives Program to identify opportunities to recruit students interested in food and fiber production and marketing, water use and conservation, family development and health of New Mexicans, and environmental stewardship.
- Work with Native American communities to identify candidates for training programs as well as undergraduate and graduate education.
- Build and enhance relationships with international schools, institutions, and partnerships to identify potential graduate students and enhance research scholarship.
- Provide ACES support for educational outreach efforts that serve high schools with high proportions of students from underrepresented groups.
- When possible, assist with the development of programs to enhance transitions of underrepresented undergraduate students to graduate programs within ACES and NMSU.

##### **Objective 4.2: Expand a K–20 outreach program, inclusive of 4-H, focused on increasing participation and underrepresented groups to increase student awareness and participation in ACES programs and associated careers.**

###### **Actions:**

- Assist with the Cooperative Extension Service and other institutions with coordination of the development and expansion of summer and year-round ACES programs for youth, including those from underrepresented groups.
- Develop memorandums of understanding (MOUs) with community colleges to recruit their students into four-year programs at NMSU.

##### **Objective 4.3: Encourage interdisciplinary and integrated management approaches in**

**planning and implementing programs, emphasizing both applied and fundamental methods for developing comprehensive solutions to important issues.**

**Actions:**

- Encourage interdisciplinary and integrated initiatives to promote collaborations across different university entities.

**Objective 4.4: Elevate and promote the impacts and visibility of the AES and ASCs.**

**Actions:**

- Maintain and enhance existing infrastructure and capability that supports research.
- Develop information that can be used to communicate the broad and high-quality activities of the ASCs.
- Inform the people of New Mexico about accomplishments, areas of excellence, and the impacts of the ASCs' accomplishments.
- Inform ACES and other colleges across NMSU of how the ASCs are helping them solve key problems for the people they represent.
- Continue communication and cooperative efforts with family and agricultural commodity groups, and trade, business, and educational associations.
- Give high priority to improving classrooms, online distance education capabilities and other educational facilities (hands-on/experiential) for students so that the experience of ASC faculty and staff can be leveraged in academic settings.

**Objective 4.5: Continue a targeted involvement in multistate, regional, and international programs.**

**Actions:**

- Encourage and reward multistate, regional and international programs, as appropriate to each ASC.
- Work with industry to develop workforce opportunities for students.
- Communicate the importance of regional and international activities to New Mexico citizenry and legislators.

**Objective 4.6: Increase the level of support for ACES from the citizens of New Mexico; local, state, and federal governments and agencies; private corporations; foundations; and alumni.**

**Actions:**

- Continue participation with constituency and lay groups within cooperative ventures and coalition-building with the College of ACES.
- Use Advisory Committees and other key constituents to expand and refine ACES legislative initiatives.
- Foster engagement with industry through internships, externships, and work experiences for students.

**Objective 4.7: Encourage and cultivate staff excellence, and support staff training, development, and recognition.**

**Actions:**

- Strengthen initiatives in leadership development.

- Provide faculty and staff with training opportunities that will empower them to identify and implement processes that enhance system efficiency.
- Recognize faculty and staff excellence in service and research support.

#### **Goal 4 Key Performance Indicators (KPIs)**

- Number of stakeholder-identified concerns addressed through research, Extension, or outreach activities.
- Number of collaborative efforts across departments, colleges, and scientific organizations across the region and nation to address the critical problems affecting New Mexico's agriculture and rural areas.
- Number of public communications and news stories regarding research, Extension and outreach efforts taking place at ASCs.
- Number of stakeholders who participate in cooperative ventures and coalition-building to increase resource support for the college.
- Establishment of a system of incentives for excellence in research and external grantsmanship.
- Number of ASC-related news stories, accomplishments, and areas of excellence presented to New Mexico legislators and New Mexico citizens.
- Development of transdisciplinary initiatives for digital and prescriptive agriculture, New Mexico agriculture value chain enhancement, agriculture literacy initiative, and youth development via online learning.
- Economic sustainability (grants, sales, services, etc.).
- Increased number of collaborative/new research projects fostered by communication with stakeholders.
- Novel research support by the ASCs for preliminary data to gain grant access.
- Number of personnel development programming opportunities afforded to staff.

#### **Effective Use of Advisory Boards**

Effective ASC advisory boards are key to the mission of individual ASCs. The board membership should reflect the client base of the ASC, but including non-traditional clients will help bring insight from differing perspectives. Boards are developed to be independent bodies that advocate for the essential work performed at the ASCs. Boards should be advisory in nature and not dictate research; they should be a sounding board to keep relevant research grounded to address key issues of our constituents, while understanding the role of relevant and preliminary research that may not be popular or immediately address current needs of our clientele. All ASCs currently have advisory boards, but all should review their organizational structure on a regular schedule (at least every three years), and if not currently in place, all should develop advisory board bylaws. Additionally, an annual meeting of individual ASC advisory board chairs could share successes and issues to help individual boards achieve goals more effectively, as well as highlight common issues that might be addressed collaboratively. This initiative may result in a statewide advisory board being developed to allow unified advocacy for the AES/ASCs and would include all the chairs, past-chairs, or designated member from each individual board.

## Appendix 2a

The following documentation is required as per Paragraph 10.

### ” Project Schedule Phase VI-A “Stewart and Sweet” (11%)

09/10/2020	Assumed date of A/E Contract
09/10/2020	Kick-off Meeting
09/24/2020	Completion of 50% Design Phase
10/09/2020	Completion of Construction Document Phase
10/16/2020	Complete CDs
10/22/2020	Advertise for construction proposals (cost & qualifications)
10/26/2020	Pre-Bid Conference
11/23/2020	Construction Bids Received
12/07/2020	Construction Agreement Signed
12/15/2020	Construction Notice to Proceed
12/15/2020	Pre-Construction Conference
03/15/2020	Construction Complete; Certificate of Occupancy

## Appendix 2b

The following documentation is required as per Paragraph 10.

### “Project Schedule Phase VI-B “Stewart West of Ph. V” (35%)

09/10/2020	Assumed date of A/E Contract
10/26/2020	Kick-off Meeting
11/10/2020	Completion of 50% Design Phase
11/21/2020	Completion of Construction Document Phase
11/28/2020	Complete CDs
12/09/2020	Advertise for construction proposals (cost & qualifications)
12/13/2020	Pre-Bid Conference
01/03/2021	Construction Bids Received
01/17/2021	Construction Agreement Signed
01/24/2021	Construction Notice to Proceed
01/24/2021	Pre-Construction Conference
05/26/2021	Construction Complete; Certificate of Occupancy



## Appendix 2c

The following documentation is required as per Paragraph 10.

### Project Schedule Phase VI-C “Stewart and Locust (20%)

<b>09/10/2020</b>	<b>Assumed date of A/E Contract</b>
<b>12/05/2020</b>	<b>Kick-off Meeting</b>
<b>12/15/2020</b>	<b>Completion of 50% Design Phase</b>
<b>01/05/2021</b>	<b>Completion of Construction Document Phase</b>
<b>01/26/2021</b>	<b>Complete CDs</b>
<b>02/05/2021</b>	<b>Advertise for construction proposals (cost &amp; qualifications)</b>
<b>02/09/2021</b>	<b>Pre-Bid Conference</b>
<b>02/28/2021</b>	<b>Construction Bids Received</b>
<b>03/11/2021</b>	<b>Construction Agreement Signed</b>
<b>03/19/2021</b>	<b>Construction Notice to Proceed</b>
<b>03/19/2021</b>	<b>Pre-Construction Conference</b>
<b>07/18/2021</b>	<b>Construction Complete; Certificate of Occupancy</b>

## Appendix 2d

The following documentation is required as per Paragraph 10.

### Project Schedule Phase VI-D “Sweet North of Central Utility Plant” (10%)

<b>09/10/2020</b>	<b>Assumed date of A/E Contract</b>
<b>02/28/2021</b>	<b>Kick-off Meeting</b>
<b>03/11/2021</b>	<b>Completion of 50% Design Phase</b>
<b>03/21/2021</b>	<b>Completion of Construction Document Phase</b>
<b>03/28/2021</b>	<b>Complete CDs</b>
<b>04/06/2021</b>	<b>Advertise for construction proposals (cost &amp; qualifications)</b>
<b>04/10/2021</b>	<b>Pre-Bid Conference</b>
<b>05/01/2021</b>	<b>Construction Bids Received</b>
<b>05/15/2021</b>	<b>Construction Agreement Signed</b>
<b>05/22/2021</b>	<b>Construction Notice to Proceed</b>
<b>05/22/2021</b>	<b>Pre-Construction Conference</b>
<b>09/22/2021</b>	<b>Construction Complete; Certificate of Occupancy</b>

## **Appendix 2e**

**The following documentation is required as per Paragraph 10.**

### **Project Schedule Phase VI-E “Frenger Mall at Branson Hall” (10%)**

<b>09/10/2020</b>	<b>Assumed date of A/E Contract</b>
<b>02/28/2021</b>	<b>Kick-off Meeting</b>
<b>03/11/2021</b>	<b>Completion of 50% Design Phase</b>
<b>03/21/2021</b>	<b>Completion of Construction Document Phase</b>
<b>03/28/2021</b>	<b>Complete CDs</b>
<b>04/06/2021</b>	<b>Advertise for construction proposals (cost &amp; qualifications)</b>
<b>04/10/2021</b>	<b>Pre-Bid Conference</b>
<b>05/01/2021</b>	<b>Construction Bids Received</b>
<b>05/15/2021</b>	<b>Construction Agreement Signed</b>
<b>05/22/2021</b>	<b>Construction Notice to Proceed</b>
<b>05/22/2021</b>	<b>Pre-Construction Conference</b>
<b>09/22/2021</b>	<b>Construction Complete; Certificate of Occupancy</b>

## **Appendix 2f**

**The following documentation is required as per Paragraph 10.**

### **Project Schedule Phase VI-F “Frenger Mall at Foster Hall” (14%)**

<b>09/10/2021</b>	<b>Assumed date of A/E Contract</b>
<b>04/08/2021</b>	<b>Kick-off Meeting</b>
<b>04/22/2021</b>	<b>Completion of 50% Design Phase</b>
<b>05/20/2021</b>	<b>Completion of Construction Document Phase</b>
<b>05/27/2021</b>	<b>Complete CDs</b>
<b>06/08/2021</b>	<b>Advertise for construction proposals (cost &amp; qualifications)</b>
<b>06/12/2021</b>	<b>Pre-Bid Conference</b>
<b>07/10/2021</b>	<b>Construction Bids Received</b>
<b>07/23/2021</b>	<b>Construction Agreement Signed</b>
<b>08/06/2021</b>	<b>Construction Notice to Proceed</b>
<b>08/06/2021</b>	<b>Pre-Construction Conference</b>
<b>11/06/2021</b>	<b>Construction Complete; Certificate of Occupancy</b>

New Mexico State University  
 Five Year Facilities Plan  
 Las Cruces.Final Campus

February 4, 2020

(8/17/2020)

**2021-2022 (Severance Tax Bond Year)**

Repair tunnel A sections	\$	3,000,000
Ag Science Center improvements per assessments	\$	3,000,000
Data Center Infrastructure Upgrades	\$	1,516,000
Selective demolition per space plan (Greek Complex)	\$	1,500,000

**2022-2023 (2022 GO Bond)**

College of Engineering, Thomas and Brown Renovations, upgrades, construction, replacement	\$	20,000,000
Collaborative Learning Spaces and classroom renovations	\$	5,000,000
Data Center Infrastructure Upgrades	\$	1,513,000

**2023-2024 (Severance Tax Bond Year)**

Classroom renovations	\$	1,000,000
Selective demolition per space plan	\$	1,500,000
Ag Science Center improvements per assessments	\$	1,300,000
Data Center Infrastructure Upgrades	\$	3,008,000

**2024-2025 (2024 GO Bond)**

Chemistry Building Renovation Renovations, upgrades, construction	\$	5,000,000
Student Services/Visitor's and Welcome Center Facility	\$	5,000,000
Academic Research Facility	\$	8,000,000
O'Donnell Hall Renovation Phase 2 and addition	\$	7,000,000
Data Center Infrastructure Upgrades	\$	1,513,000

**2025-2026 (Severance Tax Bond Year)**

Selective demolition per space plan	\$	1,000,000
Roadway Improvements	\$	3,680,000
Fire Safety Upgrades, per Fire Alarm and Sprinkler Report	\$	3,250,000

New Mexico State University  
Five Year Facilities Plan  
NMSU\_A.Final Campus

August 17, 2020

**2021-2022 (Severance Tax Bond Year)**

Mechanical ductwork and boiler feed lines Classroom Building \$ 160,000

*(NMSU-A Institutional Fund Commitment \$25,000)*

Classroom Building Infrastructure \$ 650,000

*(NMSU-A Institutional Fund Commitment \$25,000)*

**2022-2023 (2022 GO Bond)**

Campbell Art Renovations \$ 1,200,000

*(NMSU-A Institutional Fund Commitment \$25,000)*

**2023-2024 (Severance Tax Bond Year)**

Site Improvements to include Pro Tech and Student Union Building windows \$ 500,000

and Theater Renovations

*(NMSU-A Institutional Fund Commitment \$25,000)*

**2024-2025 (2024 GO Bond)**

Classroom Building and Rohavec Fine Arts Theatre Roof Replacement/Repairs \$ 1,500,000

*(NMSU-A Institutional Fund Commitment \$25,000)*

**2025-2026 (Severance Tax Bond Year)**

Road, site and parking lot improvements inc lighting \$ 425,000

*(NMSU-A Institutional Fund Commitment \$25,000)*

CONSULTANTS



PROJECT

**3692 GRANTS  
MARTINEZ HALL  
RENOVATION**

ADDRESS  
1500 Third St, Grants,  
NM 87020-2025

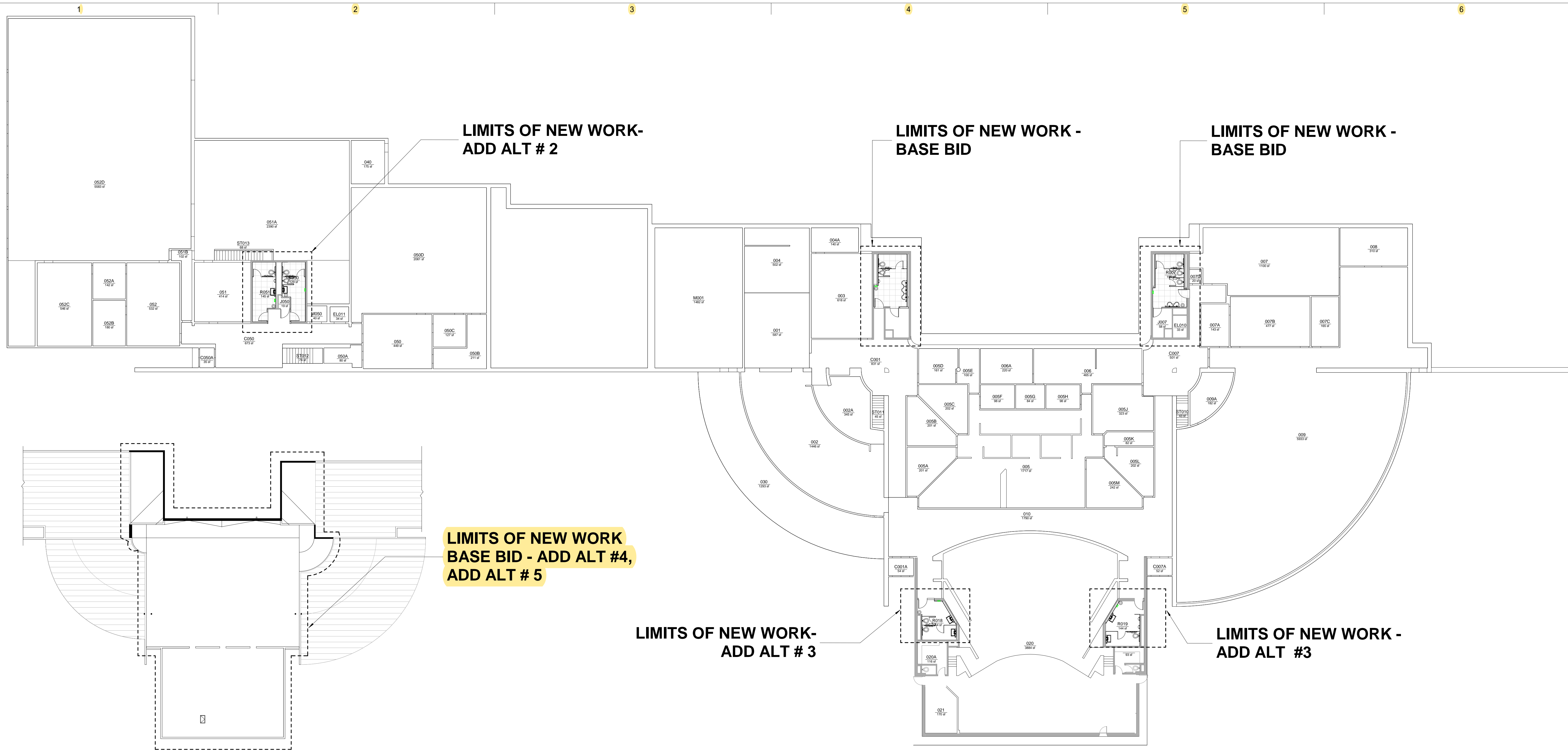
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CONSTRUCTION  
DOCUMENT**

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	20413	

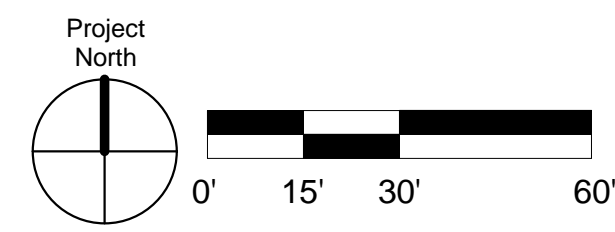
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-1ST, 2ND FLOOR  
PLANS AND ROOF  
PLAN**

SHEET **A-102**  
OF 28



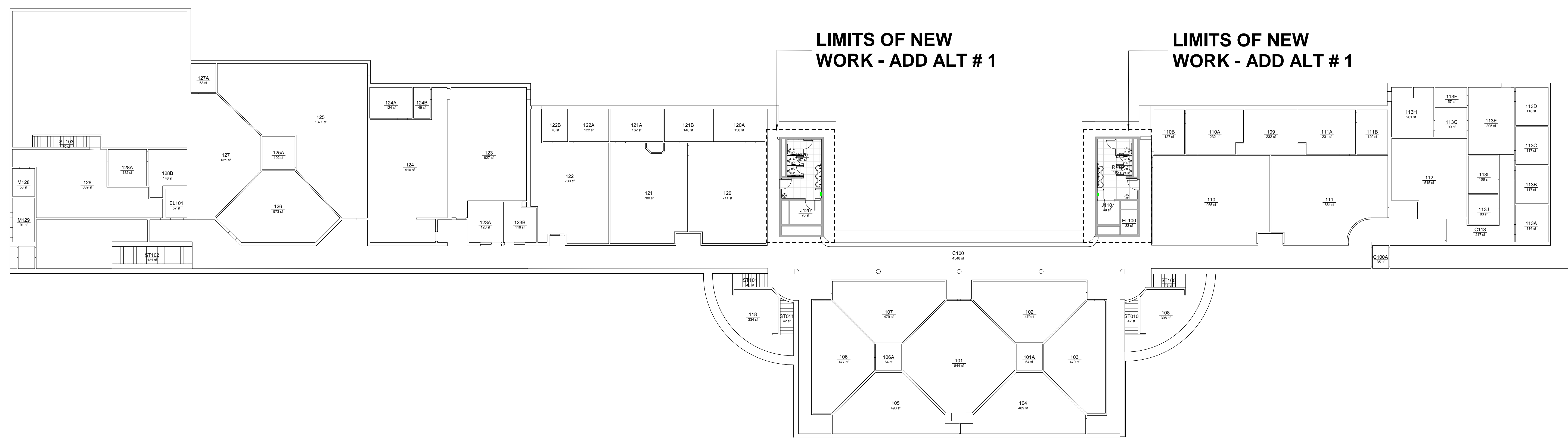
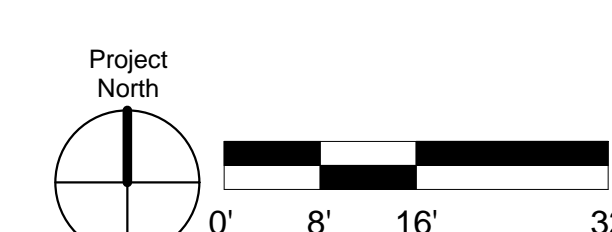
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Scale: 1" = 30'-0"

BASE BID, ADD ALT 4, ADD ALT 5



**B3 FIRST FLOOR PLAN**  
Scale: 1/16" = 1'-0"

BASE BID, ADD ALT 2, ADD ALT 3



**A1 SECOND FLOOR PLAN**  
Scale: 1/16" = 1'-0"

ADD ALT 1

