


Managing Facilities Deferred Maintenance

Maintenance

Long term—designed and coordinated by MAFES administration.

Routine—responsibility of each location—facility coordinator at most locations—part of their annual budget.

- **Routine maintenance of on-campus buildings**—paid by the building allocation: teaching, research, extension.
- **Deferred maintenance**—mostly funded from MAFES budget.


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Maintenance

Some deferred maintenance and new construction—from Capital Improvements List.


1. List assimilated on a yearly basis.
 - a. Department and R&E Center heads submit request to administrators
 - b. Administrators review, edit and prioritize list
 - c. Generally, projects on the list for the longest amount of time get funded.
2. Recommendations sent to the Board of Trustees of State Institutions of Higher Learning. (IHL)
3. Board sends request to Mississippi State Legislature for funding.

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Challenges (State Regulations)


- Projects over \$50K publically advertised and awarded to the lowest bidder.
- Projects over \$75K designed by a Registered Professional Engineer or Architect.
- All building design and construction compliant with laws that address energy consumption and the Americans with Disabilities Act.

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Challenges (Campus Requirements)

- MSU Experiment Station employs a registered engineer to manage construction projects.
- Smaller projects (<\$100,000) handled by MAFES Engineer.
- Larger projects (>\$100,000) require hiring of outside architects/engineers and are managed by the MAFES Engineer.
- Projects on-campus require approval from the university's campus planning committee to meet campus aesthetics.


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Operation Facelift-Deferred Maintenance Project

Inception—Realization of a need

- Old run down facilities with no critical use—possible demolition.
- Need for new buildings for storage and mechanical work space.
- Need for facility renovations due to past neglect.


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Operation Facelift-Deferred Maintenance Project

Planning

- The MAFES engineer & risk management specialist inspected all 330 facilities and collected data on condition of each facility.
- Each building was categorized as follows:
 - Minor repairs
 - Major repairs
 - Demolish—beyond repair, no replacement.
 - Demolish—beyond repair, replacement.


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Operation Facelift-Deferred Maintenance Project

Planning

- Determine approximate cost of each building recommendation.
- Research and Extension Center heads prioritize projects with faculty input.
- Administrators decide how many projects to complete based on need and budget over a 2-year period.


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Operation Facelift-Deferred Maintenance Project



Phase I (started October 2013) Total expenditures: \$2,273,220 - Demolished 35 buildings.

Phase II (started September 2015) Budgeted expenditures: \$1,273,102 - Demolished 6 buildings.


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Delta R&E Center – Minor Revonation

Before  *After* 

COST: \$40,000

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Truck Crops Branch Experiment Station - Demolish

Before



After



Dying




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H.H. Levick Animal Research Farm – Demolish and Replace

Before



After




COST: \$720,000

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R.R. Foil Plant Science Research Center – Demolish and Replace

Before



After



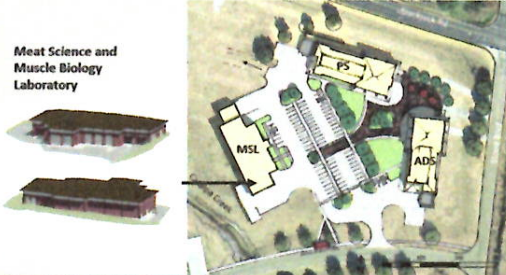
COST: \$50,000

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Managing Facilities Deferred Maintenance

Animal Production Multi-Building Complex – Bond Project

Meat Science and Muscle Biology Laboratory

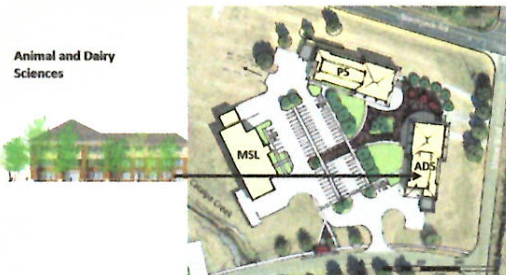


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Managing Facilities Deferred Maintenance

Animal Production Multi-Building Complex – Bond Project

Animal and Dairy Sciences

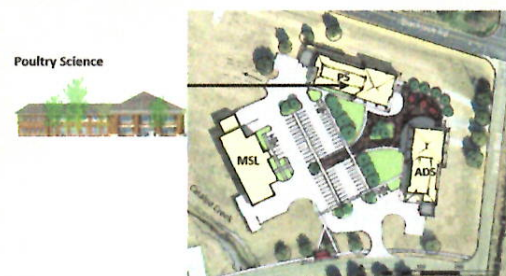


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Animal Production Multi-Building Complex – Bond Project

Poultry Science



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