

**Kansas State University 2019
R&R**

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| 1. Main Campus Roof Repairs
Roof maintenance repairs for leaks, lightning systems & coatings to extend the life of roofing systems across main campus. | \$200,000 |
| 2. Weber East Roof Replacement – Main Campus
Replacement of Weber East upper and South lower older gravel sections. Project encompasses replacement of approximately 23,000 SF of existing modified roof to be replaced, including curb replacement; Deferred Maintenance. | \$845,000 |
| 3. Cardwell West Roof Replacement – Main Campus
Complete replacement of failing roof section 25+ yrs. old gravel section that is leaking and causing damage to lab space below; Deferred Maintenance. | \$445,500 |
| 4. Kedzie Steep Slope Roof Replacement, Flat roof repair – Main Campus
Replacement of Architectural shingles on steep pitch portions covering approximately 7,700 SF, and recoat existing foam on flat portions covering approximately 11,500 SF; Deferred Maintenance. | \$193,825 |
| 5. Seaton Center Section Roof Repair – Main Campus
Recoat existing foam on flat portions of Seaton East, housing the Engineering Department, covering approximately 7,400 SF of roof area; Deferred Maintenance. | \$79,650 |
| 6. McCain Upper Roof and Smoke Vent Repair – Main Campus
Repair and recoat approximately 19,000 SF on upper McCain roof, and Repair smoke vents at upper roof level; Deferred Maintenance. | \$205,000 |
| 7. Campus Infrastructure Repairs – Kansas State Polytechnic Campus
Repair/Replacement of streets, walk lights, Ballou plaza, glass replacement and screen wall, waterproofing, irrigation and ongoing maintenance repairs across Polytechnic Campus during the year. | \$165,000 |
| 8. Campus Infrastructure Repairs – Vet Med Building Complex
Repair and replacement walks, exterior lighting upgrades, elevator repair, door replacement and ongoing maintenance repairs during the year. | \$215,550 |
| 9. Main Campus Infrastructure Repairs
Repairs to exterior infrastructure storm drains, sewer, and fire service lines & steam/condensate/chilled water & potable water lines that are 80+ years old across Main Campus ongoing maintenance repairs during the year. | \$750,000 |
| 10. Campus Infrastructure Repairs
Ag Research Agronomy, Western Kansas, Horticulture Forestry, Animal Science, Entomology & Grain Science Centers: Building & Infrastructure Repair. | \$130,000 |
| 11. Main Campus Infrastructure Sidewalk and ADA Requirements
Repair and replacement of sidewalks and ADA repairs to address ongoing maintenance and safety issues during the year. | \$170,000 |
| 12. Main Campus Infrastructure Street/Curb Maintenance Repairs
Repairs & replacement of street and curb repairs across campus addresses safety and ongoing maintenance during the year. | \$85,000 |

13. Replace Intersection at Mid-Campus and Jardine Dr. (over Steam Tunnel)	\$460,525
Demo and replace intersection of street at Mid-Campus and Jardine Dr. including top of steam tunnel, which traverses directly under the intersection.	
14. Utility Maintenance – Kansas State Polytechnic Campus	\$85,000
Polytechnic: repair and replacement for boiler preventative maintenance, HVAC, lighting, kitchen, sewer upgrades.	
15. Utility Maintenance – Vet Med Building Complex	\$150,000
Maintenance improvements of MEP systems on the Vet Med Campus.	
16. Main Campus Electrical Utility Maintenance	\$300,000
Repair & replacement of electrical distribution equipment: sidewalk lights, streetlights, building supply and systems maintenance repairs during the year.	
17. Main Campus Utility Maintenance	\$954,780
Repair & replacement of heating & cooling systems across campus to maintain basic education & research conditions in the buildings, including ongoing maintenance repairs during the year.	
18. Main Campus Infrastructure 12.5 KV Conversion Project	\$874,720
Bonding electrical distribution system upgrade project: 18 buildings remain on the old 4160V Electrical Distribution System and will be converted to the new, more reliable, 12.5KV system to meet the buildings growing electrical requirements, phased over a projected two year construction timeline, with multi-yr financing.	
19. Main Campus – Lab Building Duct Cleaning – Phase I	\$150,000
Duct Cleaning and re-coating of interior duct insulation for 100% outside air systems that have experienced debris, contaminating sensitive research space. This is phase I of an anticipated IV phases to address reported issues in Campus laboratory spaces.	
20. Main Campus – Eisenhower HVAC Feed lines to serve entire complex	\$599,000
In this first step of converting Eisenhower HVAC to a complete 4-pipe system, chilled water and steam feed lines will be sized and brought into the building from underground mains. The mechanical room will be configured utilizing the standard campus configuration for Chilled Water and Steam to Hot water, and mains extended inside the complex as funding allows.	
21. Main Campus – Replace Faulty Metering and Campus Steam Trap Program	\$250,000
Metering will be specified and replaced at locations with known issues. Condensate metering will be used in conjunction with Steam metering to measure total loss from each building/complex. Funding will also be utilized to establish comprehensive steam trap inventory and testing program.	
22. Main Campus – Piping replacement at Old chiller plant to free-standing tower	\$150,000
Piping will be replaced from Chiller #5 to the existing free-standing cooling tower. The pipe is original to the building (1980's) and is showing serious degradation, causing fouling the condenser side of the chiller #5 with metal deposits.	
23. State Fire Codes – Kansas State Polytechnic Campus	\$23,000
Maintenance corrections on fire code related issues during the year.	
24. State Fire Codes – Vet Med Building Complex	\$35,000

Maintenance corrections on fire code related issues during the year.

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| 25. State Fire Codes – Main Campus | \$250,000 |
| Maintenance corrections on fire code related issues during the year. | |
| 26. State Fire Codes – Main Campus | \$300,000 |
| Project funds for architectural, engineering & construction services for corrective actions to address major building/fire code violations. | |
| 27. Stone/Brick Replacement/Tuck Pointing – Kansas State Polytechnic Campus | \$15,000 |
| Tuck pointing & caulking of building envelope repairs across campus as needed during the year. | |
| 28. Stone Replacement and Tuck Pointing – Main Campus | \$100,000 |
| Tuck pointing & caulking of building envelope systems for repair across campus as needed during the year. | |
| 29. Classrooms - Kansas State Polytechnic Campus | \$15,000 |
| Classroom maintenance improvements to enhance learning environments. | |
| 30. Classrooms Main Campus – Maintenance Repairs | \$25,000 |
| General classroom maintenance and repairs to furniture, boards and room finishes as needed during the year – addresses ongoing maintenance issues. | |
| 31. Classrooms – Main Campus - Arts & Science Department | \$130,000 |
| Needed space renovations and repairs to maintain basic education & research environments on main campus. | |
| 32. Hazardous Material Abatement - Kansas State Polytechnic Campus | \$10,000 |
| Addresses Polytechnic Campus hazardous material abatement issues that arise during daily maintenance and operational functions. | |
| 33. Hazardous Material Abatement - Main Campus | \$100,000 |
| Addresses hazardous material abatement issues – including Asbestos, Lead Paint, CFC, Transformer & Switch Oil – that arise during daily maintenance and operational functions. | |
| 34. Painting, Windows & Doors - Kansas State Polytechnic Campus | \$40,000 |
| Includes cyclic painting of public spaces and maintenance/replacement of doors, hardware and windows to maintain the basic integrity of the Polytechnic Campus during the year. | |
| 35. Painting, Windows & Doors – Vet Med Building Complex | \$70,000 |
| Includes cyclic painting of public spaces and maintenance/replacement of doors, hardware and windows to maintain the basic integrity of the building complex during the year. | |
| 36. Painting, Windows & Doors – Main Campus | \$200,000 |
| Includes cyclic painting of public spaces and maintenance/replacement of doors, hardware and windows to maintain the basic integrity of the main campus buildings during the year. | |
| 37. Floor Covering - Kansas State Polytechnic Campus | \$25,000 |
| Includes floor-covering replacement to maintain the integrity of the Polytechnic campus during the year. | |

38. Floor Covering – Vet Med Building Complex	\$10,250
Includes floor-covering replacement to maintain the integrity of the Vet Med Building Complex during the year.	
39. Floor Covering – Main Campus	\$51,200
Includes floor-covering replacement to maintain the integrity of Main Campus flooring during the year.	
40. Seaton Hall – AP Design Bond Payment – Main Campus	\$3,700,000
Bond Payment for construction of new building and renovation of existing space for Architecture Planning and Design Program.	
Total	\$12,558,000