

Southern Methodist University

“CENTURY NEXT”



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Ingenuity for life



A few facts...

- Founded in 1911
- Founded because of a conflict between the United Methodist Church and Vanderbilt University. In 1914 the church and Vanderbilt cut ties and made SMU its flagship institution
- Enrollment of nearly 12,000
- Approximately 7M Square Feet making up over 100 buildings
- \$1.8B Endowment
- Ranks in the top 10% of U.S. universities and top 15% of global universities.
- Ranks #6 of “The 20 most beautiful college campuses in America.”



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The Challenge



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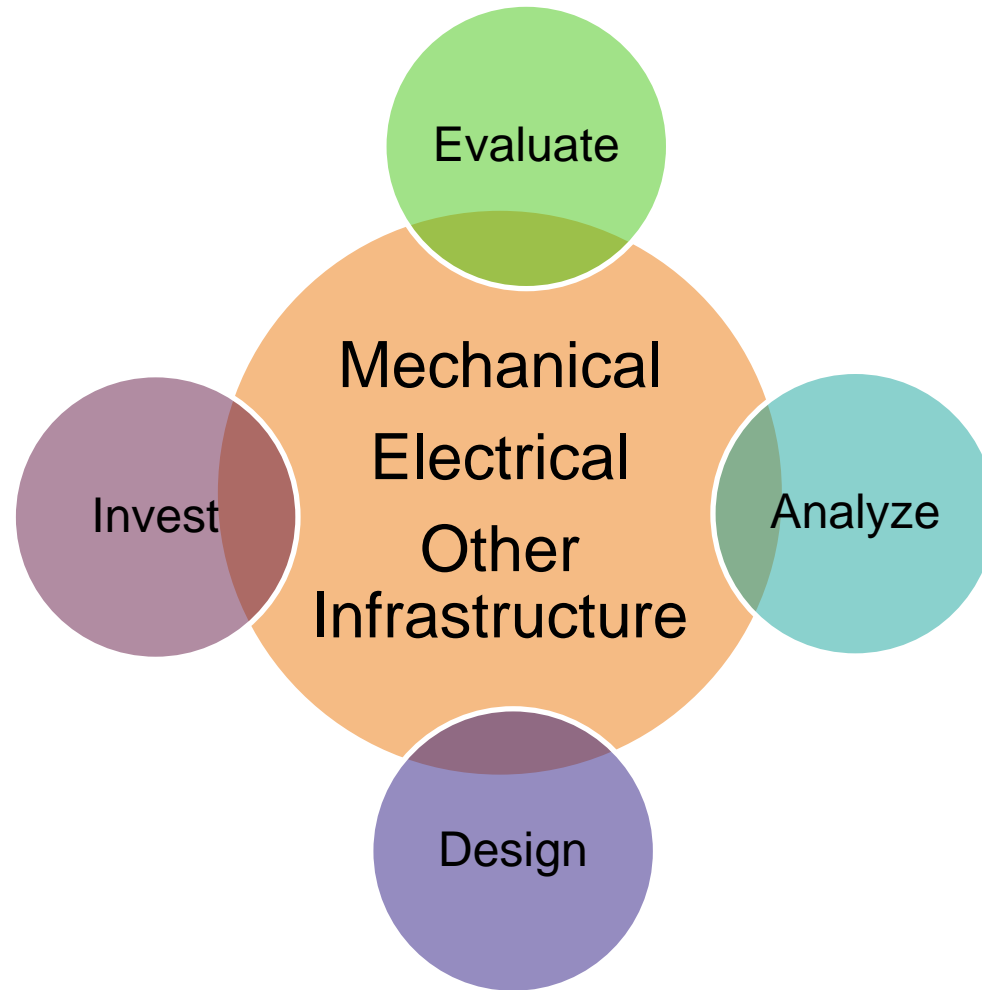


The Approach



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Charter

- Determine what it will take to bring campus up to modern day/maintainable standards
- Provide solutions that will help future proof facilities
- Identify long-term O&M cost reductions
- Improve campus efficiency while maintaining comfort
- Campus safety and security is paramount

The Findings



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- 12,000ton Central Plant
- Expressway Tower
- Building Mechanical Systems
 - Coils
 - AHUs
 - Electrical Gear
- Utility tunnel systems
- Meters
- Utility Billing and procurement
- Lighting
- Fire Alarm systems



Execution



- Central Plant
 - New Chillers, Pumps, Cooling Tower, Electrical Gear, AHU's, Boiler
- Fault Detection and Diagnostics
- Tunnel Evaluation, Arc Flash Study, and Repairs
- Equipment Tagging
- East Tower Plant Replacement
- Campus Wide Electrical Evaluation and Repairs
- West Campus Mechanical System Upgrade
 - New AHU's, pumps, VFD's, valves, bearing, fans, dampers, insulation, etc.
- Campus Wide Meter program
- Fire System Upgrades
- Steam Trap and Heat Exchanger Repairs
- Automation System Expansion and Replacement of 11 Obsolete Systems



Questions?



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