

CAMPUS VOLTAGE UPGRADE PROJECT

Facilities Management – Energy Services

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Voltage Upgrade Background



- Required to retire and demolish the Power Plant and Poultry Substation.
- Much of existing underground infrastructure has exceeded lifespan by 30-40 years.
- Replaces old failing underground cable pathways (Ductbanks)
- Replaces aged transformers, switchgear and cable.
- Provides redundancy and reliability in the campus distribution system.
- More efficient distribution with the higher voltage of 12,470V versus 2,400V.

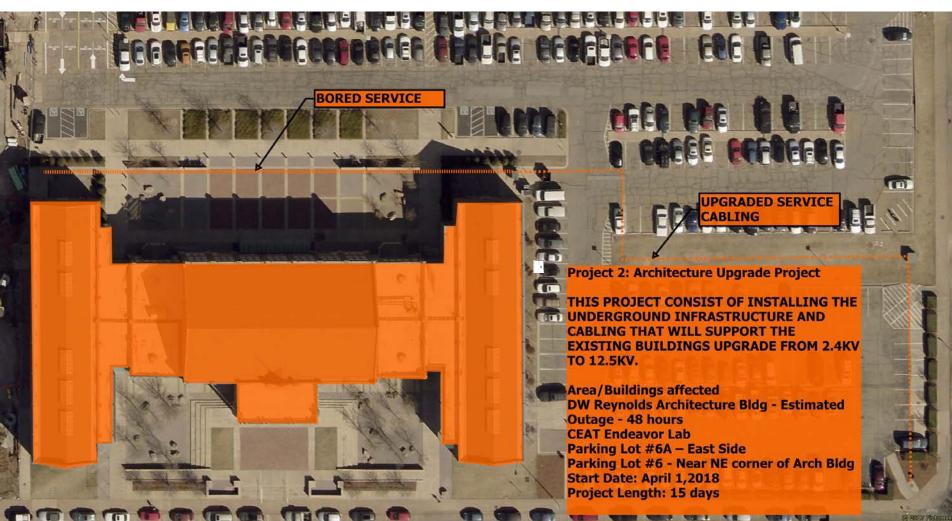


PROJECT-1 Morrill Courtyard Upgrade

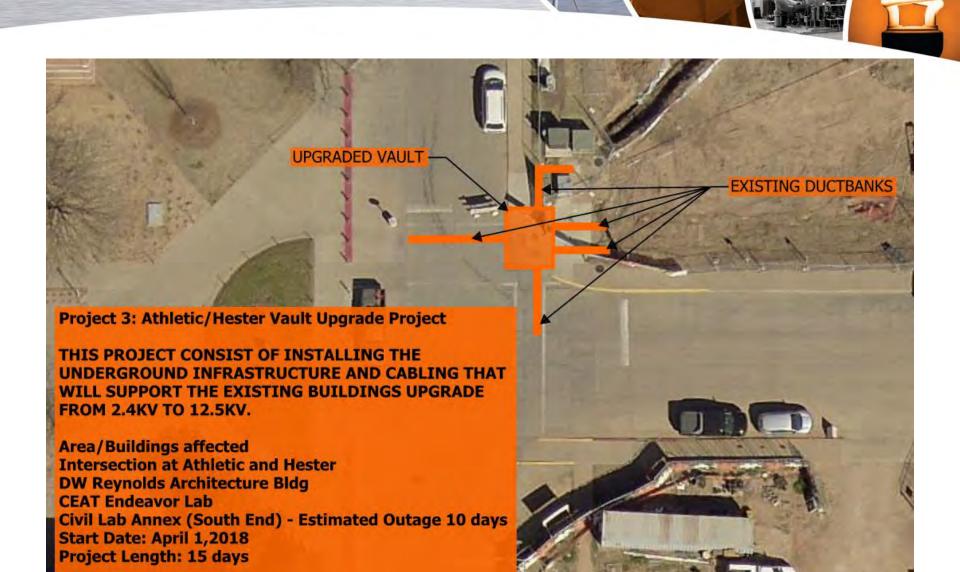


PROJECT-2 Architecture Upgrade



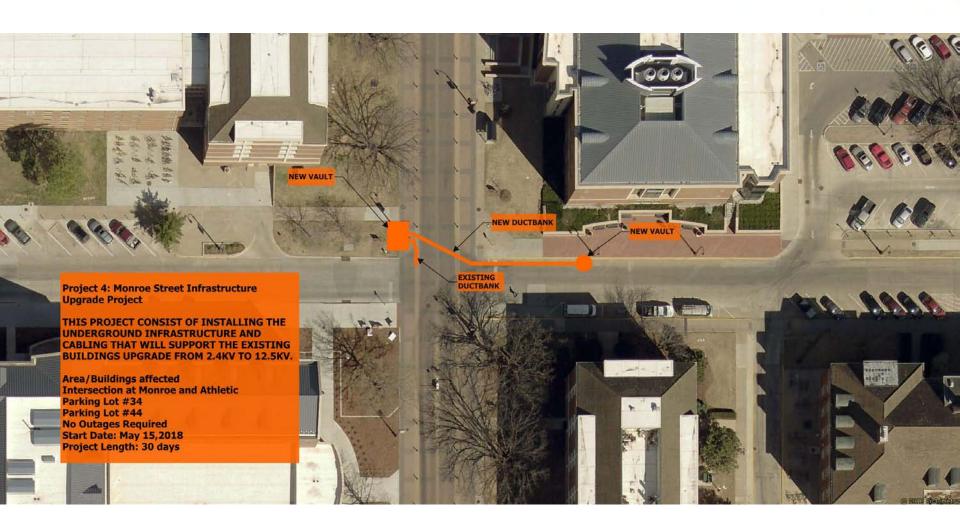


PROJECT-3 Athletic/Hester Vault Upgrade



PROJECT-4 Monroe Street Crossing



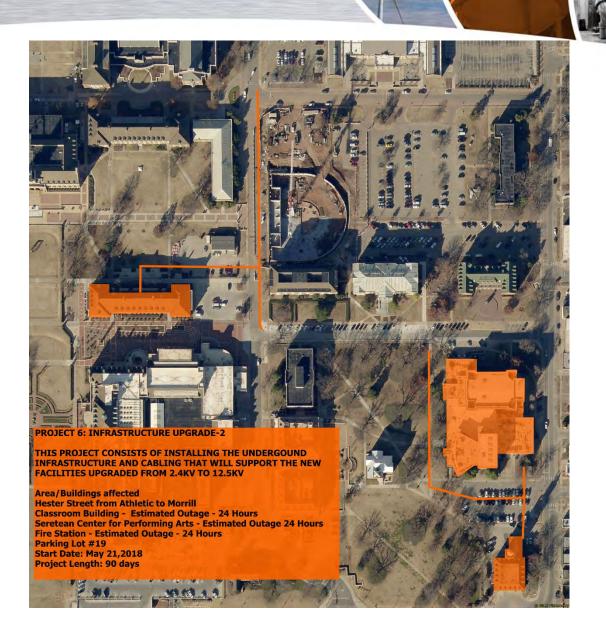


PROJECT-5 Infrastructure Upgrade-1





PROJECT-6 Infrastructure Upgrade-2



PROJECT-7 Gunderson Upgrade



PROJECT-8 Math Science Upgrade



PROJECT-9 Murray Upgrade



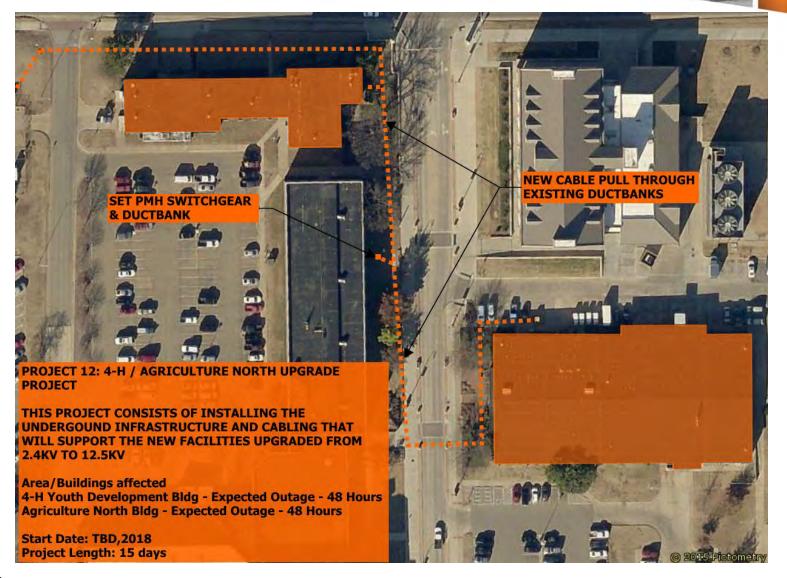
PROJECT-10 CITD/Tennis Upgrade



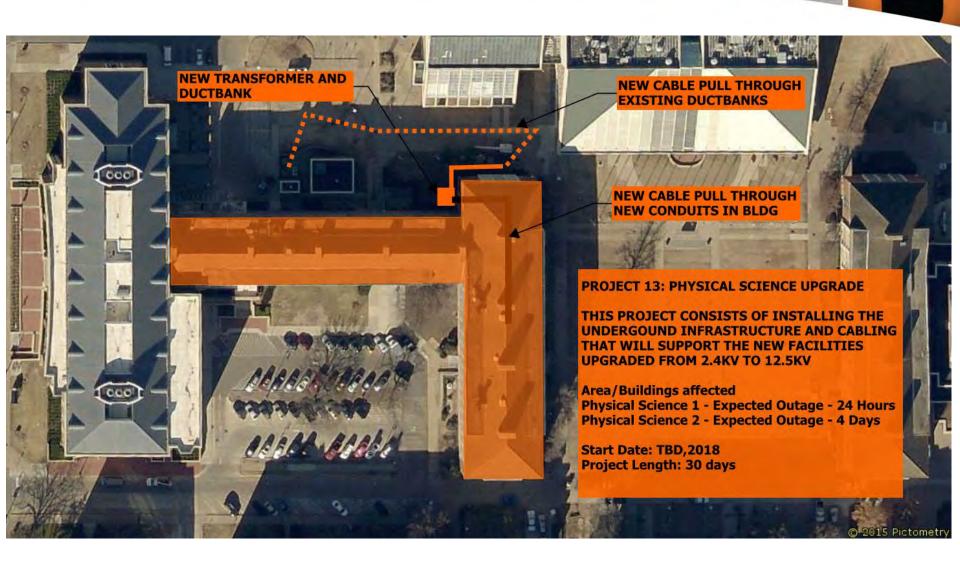
PROJECT-11 Agriculture Upgrade



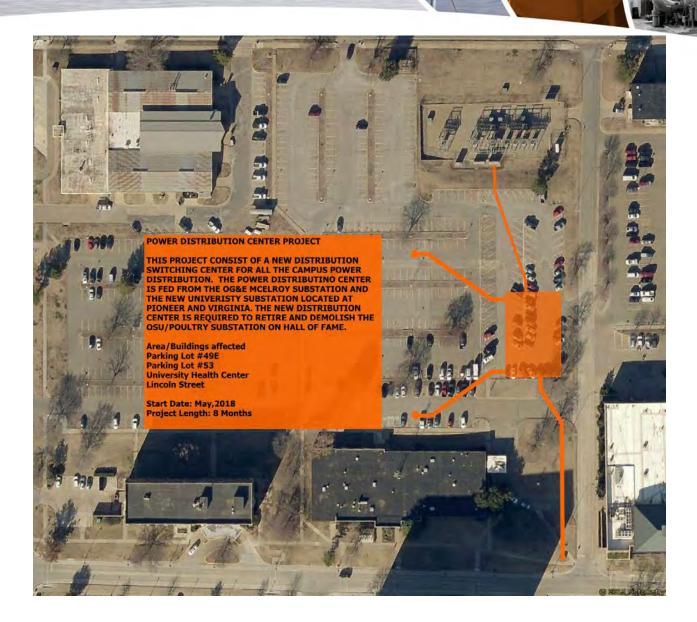
PROJECT-12 4-H/Agriculture North Upgrade



PROJECT-13 Physical Sciences Upgrade



Power Distribution Center





Page ■ 8



Questions

