

JOHNSON COUNTY WASTEWATER BRUSH CREEK PUMP STATION IMPROVEMENTS



PROJECT SUMMARY



Delivery Method:

Collaborative Delivery pending Board review and approval; preferably Progressive Design-Build

Estimated Total Project Budget:

\$10 MILLION to -
\$15 MILLION

Scope Summary:

- Construct new pump station adjacent to existing facility
- Install pumping equipment to match current capacity of 5.5 MGD
- Facility constructed to accommodate future capacity of 20 MGD
- Demolition of existing facility
- Site pavement and improvements
- Restoration of disturbed areas



Tentative Schedule Pending Board Review and Approval



**PDB team
procurement**
RFQ release
November 2026



Design
2027 - 2028



Construction
2029 - 2030

Schedule Considerations: This is driven by the need to replace existing facilities at the end of their useful life and accommodate future expansion of pumping capacity. Schedule delays would potentially impact restoration and usage of adjacent park and increase the duration of construction impacts to neighbors. Project delays increase the risk and cost of emergency repairs on failing assets.



Challenges:

- » Maintaining existing facility operation during construction on tight site
- » Limiting disruption to neighboring recreational and residential areas
- » Designing facility for existing and future operations
- » Maintain access to Brush Creek for City storm maintenance

Drivers:

- » Equipment at or past useful life
- » Increasing capacity for future wet weather pumping capacity & future upstream PEFTF elimination
- » Public outreach and communication throughout project