



TRANSPORTATION, INFRASTRUCTURE & OPERATIONS COMMITTEE

NOVEMBER 9, 2021



ORDINANCE NO. 211007

Laboratory Facility Renovations and Modification, Amendment No. 1

Authorizing a \$1,165,000.00 design professional services contract Amendment No. 1 to Contract No. 9522 with Finkle-Williams, Inc., for the Laboratory Facility Renovations and Modifications project for a total contract amount of \$1,516,000.00.

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City's Certified Water Lab

- 80,000 analyses per year
- Competitive services compared to a commercial lab

Clients

- Water, Wastewater, Stormwater Utilities
- Customer calls on water quality
- 32 outside clients

Collect 16,000 samples per year.

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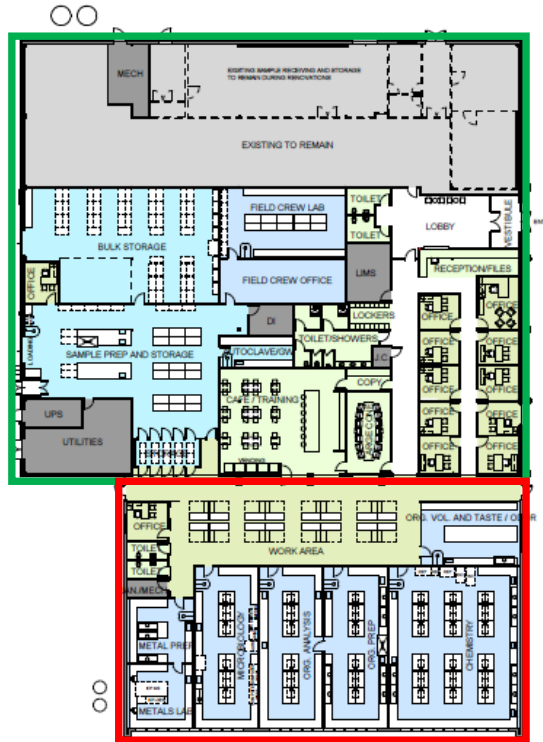


Laboratory constructed in 1991

Drivers for renovation

- Building systems past service life: electrical, back up power, gas piping, mechanical systems, lab counters, safety systems, lab cabinetry and fire protection
- Lab design: inefficient space layout and poor workflows for current technology
- ADA compliance

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Existing
Expansion

- Evaluated 5 alternatives
- Selected alternative: building expansion
- No laboratory rental costs
- Sustainable reuse of existing building
- Less compliance risk

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Design of the lab expansion

- Complete detailed design
 - Design green stormwater infrastructure
 - ADA compliance
 - Energy efficient systems
 - LEED sustainability framework
- Program management for construction manager at risk delivery



Typical Modern Lab



Typical Modern Lab



THANK YOU

