Financial Services Department

Capital Contracting

CIP Partners Academy 2021/2022



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Location

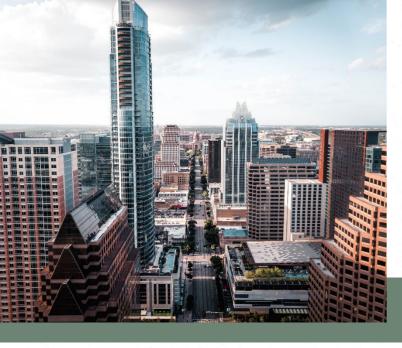
505 Barton Spring Road 3rd Floor

Austin, Texas 78704

Contact

Phone: (512) 974-7181

E-mail: ccoevents@austintexas.gov



Hello Welcome

AUSTIN

CONVENTION CENTER Chief Administrative Officer







Austin Convention Center Department



Tara Delagarza,

Supervisor, Transmission + Substation Project Management,

Electric System Engineering & Technical Services,

Austin Energy



Charles Celauro,
Division Manager,
Facility Engineering
Austin Water



Aiden Cohen,

Aviation Capital Improvement Program Manager

Lyn Estabrook,

Planning and Development Division Manager

Department of Aviation



Steven Linett,
Asset Management |
Capital Improvement Program Manager
Parks and Recreation Department



Diane Rice,
Project Manager
Public Works Department

PUBLIC WORKS





AUSTIN

CONVENTION CENTER

DEPARTMENT

Katy Zamesnik

Austin Convention Center Department



REDEVELOPMENT AND EXPANSION PROJECT – FEBRUARY 2022





History of Convention Center Redevelopment and Expansion Planning

Convention Center Redevelopment and Expansion Update

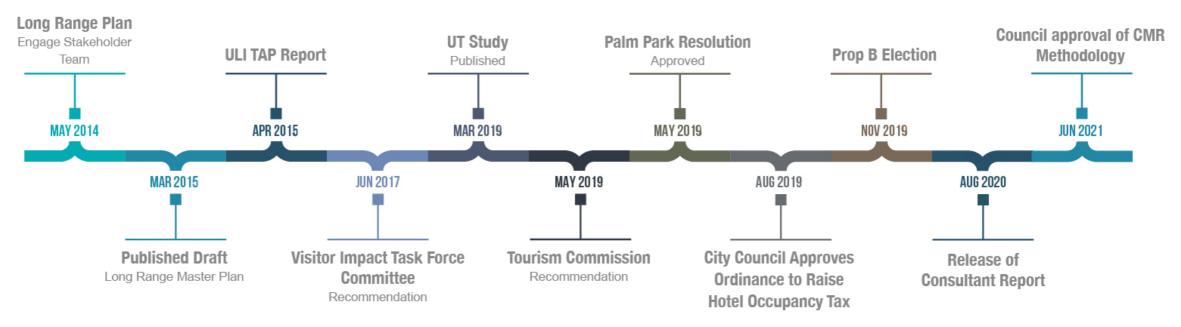
Construction Manager at Risk Methodology (CMAR) and Next Steps







EXPANSION TIMELINE





June 10, 2021Request for Council
approval of the
Construction
Manager at Risk
Methodology

Allows the Convention Center team to release RFC and RFP for architect/design work and the Construction Manager

June 10, 2021-Council Resolution 20210610-096 City Council affirms its commitment to the planning principles documented in Resolution No. 20190523-029, the Palm District Planning

Initiative and provides guidance for design elements and direction to be included in the Request for Qualifications (RFQ) for architecture/engineering services for redevelopment and expansion







2019 Center for Sustainable Development at University of Texas Study (UT Study)

Palm District Plan: Council Resolution No. 20190523-029

2020 Convention Center Expansion Master Plan Update

Council Resolution 20210610-096



The new Center will be a larger, more efficient facility within a smaller footprint, and the project will deliver an active, community-friendly event facility that enhances the culturally rich fabric of the Palm District

Rentable Square Footage

	Current Space (sq. ft.)	Master Plan Target (sq. ft.)	Proof of Concept (sq. ft.)
Meeting Space	65,000	120,000 - 140,000	152,000
Exhibit Space	247,000	450,000	372,000
Multipurpose Space*			100,000
Ballroom Space	64,000	100,000 - 120,000	85,000
Total	376,000	670,000-710,000	709,000

^{*}Multipurpose Space will bring Exhibit space in line with Master Plan



Early 2022



- Resolution of Hilton Bond Indenture Language
- Draft RFP for Construction Services
- Release of RFQ for architect/engineering services, followed by RFP for construction services

Fall 2022



- Architect on board to begin design work
- Construction firm under contract







Tara Delagarza, Austin Energy

Austin Energy Proposed CIP Projects Fiscal Year 2022

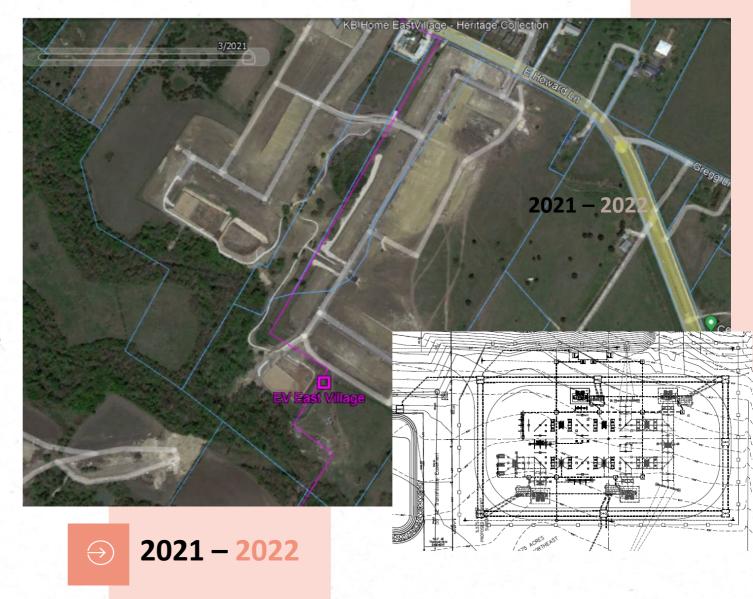
Transmission & Substation

East Village Substation. The new 5.75-acre East Village substation will support residential growth in the northeast service area.

<u>Procurement Strategy:</u> City of Austin Invitation for Bid (IFB)

Project Estimate: \$5-7M

Potential (Sub)Contracting Opportunities: Erosion controls, clearing/grubbing, base material, construction of a water quality pond, vegetative restoration of various previously disturbed areas, 12-foot solid fence, access road, installation of duct bank, copper ground grid, equipment foundations and an equipment control module.



Austin Energy Proposed CIP Projects Fiscal Year 2022

Transmission &

Substation





Kramer Lane Substation. A new substation to support the projected load in the North Burnet-Gateway Neighborhood.

<u>Procurement Strategy</u>: City of Austin Invitation for Bid (IFB)

Project Estimate: \$7.5M

Potential (Sub)Contracting Opportunities: Erosion controls, clearing/grubbing, base material, surface rock, fence and gate(s), pull control cable and terminate on relay equipment, DC wiring, AC and DC build out, installation of duct banks, copper ground grid, concrete equipment and equipment control module foundations.



District Energy

Cooling

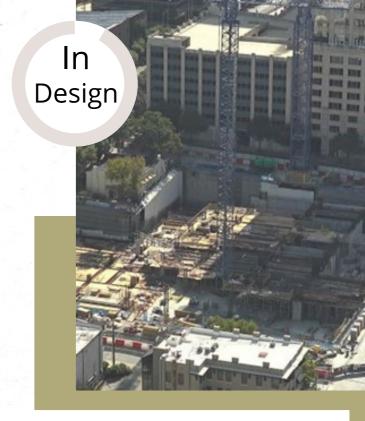
Waller Park Place Customer Connection. Mechanical Room Service Pipe; Pipe Heat Exchanger Skids.

<u>Procurement Strategy</u>: City of Austin Invitation for Bid (IFB)

Project Estimate: \$4M

<u>Potential Subcontracting Opportunities</u>: Tunneling, Excavation, Shoring, Erosion Control, Concrete, Surveying, Hauling, Traffic Control, Temporary Fencing



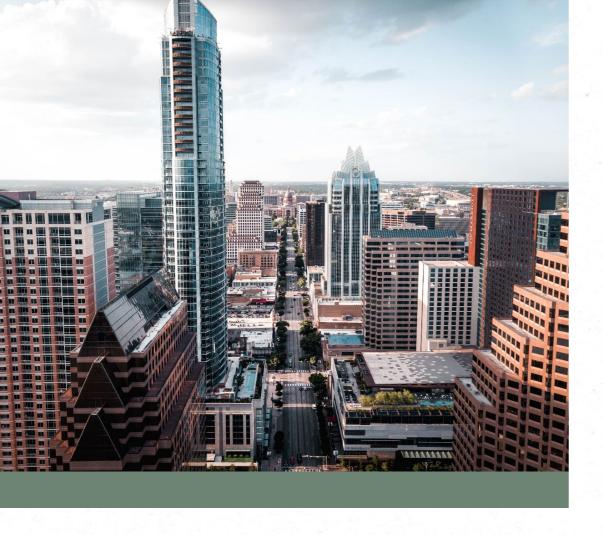


Downtown Republic Customer Connection. Energy Cooling Equipment; Service Pipe.

Procurement Strategy: City of Austin Invitation for Bid (IFB)

Project Estimate: \$4M

<u>Potential (Sub)Contracting Opportunities:</u> Tunneling, Excavation, Shoring, Erosion Control, Concrete, Surveying, Hauling, Traffic Control, Temporary Fencing.





Charles Celauro, Austin Water



CIP Partners Academy -Upcoming Projects Construction

Austin Water, Engineering Services
Shay Ralls Roalson, Assistant Director
Charles Celauro, Facility Engineering
Kevin Koeller, Collection System Engineering
Matt Cullen, Distribution System Engineering





February 16, 2022

CIP Partners Academy - Upcoming Projects Construction

		ESTIMATED	ESTIN	MATED
SPID	PROJECT	SCHEDULE	CO	<u>ST</u>
5335.075	Ullrich WTP Process Drain & Support Systems Improvements	February 24, 2022	\$9	Million
5267.025	Onion Creek Reclaimed Water Main Phase 1	February 24, 2022	\$7	Million
3333.017	SAR WWTP Lift Station - Pump Rehab Lift Station 1 and 2	March 3, 2022	\$3	Million
8207.013	Large Facilities IDIQ	March 10, 2022	\$12	Million
2231.327	Bull Creek Basin Renewal - Remove and Replace Group	March 7, 2022	\$3	Million
3023.066	Renewal	March 1, 2022	\$3	Million
6935.033	Johnny Morris/Hwy 290 Area Water Line Extensions	March 7, 2022	\$2	Million
3023.036	Walnut Creek Primary Clarifier and Flow Equalization Basin Rehab - CMR	March 22, 2022	\$26	Million
3168.057	Rock Harbour Lift Station Improvements	April 4, 2022	\$5	Million
2231.327	Bull Creek Basin Renewal - CIPP Lining Group	April 4, 2022	\$3	Million
5267.042	Oltorf Street Reclaimed Water Main Phase 2	June 7, 2022	\$8	Million
3333.017	SAR Train A & B Improvements	July 1, 2022	\$90	Million
7265.004	Wildhorse WWTP Expansion	July 1, 2022	\$40	Million
5267.041	Oltorf Street Reclaimed Water Main Phase 1	June 30, 2022	\$6	Million
2015.061	Storage	June 30, 2022	\$2	Million
2231.291	Zilker Water and Wastewater Pipeline Renewal	June 30, 2022	\$5	Million
11880	Spicewood Springs Road Regional Mobility Improvements	July 11, 2022	\$25	Million
2015.069	Davis WTP RWHEEI Low Service Pump Station Area Improvements	September 1, 2022	\$2	Million
3023.066	Renewal	September 1, 2022	\$3	Million
7487.002	Braker Lane from Samsung Blvd to Dawes Place (48-inch Waterline)	October 1, 2022	\$2	Million
6943.031	Williamson Creek Wastewater Interceptor	2023	\$55	Million
4769.011	Upper Harris Branch Wastewater Improvements	2023	\$30	Million
3023.046	Walnut Creek WWTP Expansion to 100 Million Gallons Per Day	2024	\$450	Million



Ullrich WTP Process Drain & Support Systems

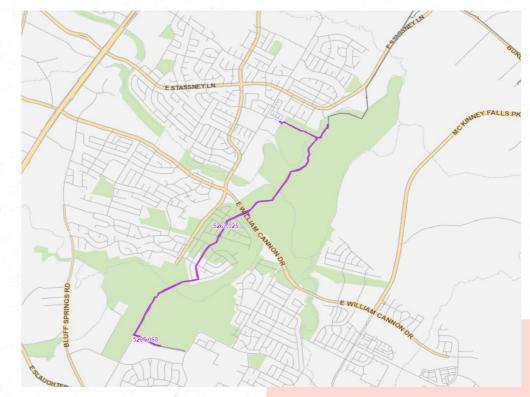
- Purpose:
 - Improvements Sludge Cross-over Vault, Clarifier Flushing system, .
- Project Scope:
 - Improvements to multiple process areas at Ullrich Water Treatment Plant, including automation improvements of the Sludge Cross-over Vault, upsize entire clarifier flushing system, solids handling drain improvements, rehabilitation of plant instrument air loop, centrifuge high pressure wash (commercial hot water) system..
- **♦ Estimate Construction Cost:** \$9 Million

Onion Creek Reclaimed Water Main Phase 1

• Purpose:

New reclaimed line connecting customers Onion Creek Soccer Fields, Onion Creek District Park, Dove Springs Rec Center, Dove Springs Health Center,.

- Install 15,000 feet of 16" reclaimed main and 2,000 feet of 6" main.
- Estimate Construction Cost: \$7 Million



Large Facility Indefinite Delivery / Indefinite Quantity (IDIQ)

Purpose:

Indefinite Delivery/Indefinite Quantity contracts provide for an indefinite quantity of services for a fixed time of 1 – Year with two 1- Year time extension. IDIQ is commonly used when precise quantities of supplies or services, above a specified minimum, cannot be determined. As each project is defined, a specific work assignment will be assigned to the contractor who will complete the scope of work for the unit prices included in the contract. Work deadlines will be established for each work assignment.

- No Emergency Requirements
- Possible construction sites include Wastewater Treatment Plants, Water Treatment Plants, Lift Stations, Water Pump Stations, Water Reservoirs.
- Possible construction activities include demolition, below ground and above ground piping, check valves, isolation valves, slide and sluice gates submersible pumps, centrifugal pumps, displacement pumps, mixers, headworks, clarifiers, chemical feed, air scrubbers, odor control units, air piping, process air blowers, cloth disk filters, electrical conduits, instrumentation and controls, RTU (Remote Telemetry Unit), and PLC (Programmable Logic Controller).
- **◆ Estimate Construction Contract :** \$4 Million to \$12 Million

Rock Harbour Lift Station Improvements

- Purpose:
 - * Replace Lift Station with increase design capacity to meet future flows.
- Project Scope:
 - Improvements include odor control, new wet well to accommodate 4 submersible pumps, new electrical enclosure, electrical power upgrades, I&C improvements, new valve vault, valves and sensors, onsite generator, paving, fencing, and influent bar screen.
- **♦ Estimate Construction Cost:** \$5 Million





Walnut Creek WWTP Primary Clarifier & Flow Equalization Basin Rehab Construction Manager-at-Risk (CMR)

- Purpose:
 - Rehabilitate the Primary Treatment Complexes (PTC)
- Project Scope:
 - Remove and replace the Primary and FEB Clarifiers within the existing underground roof structures.
- **▶ Estimate Construction Cost:** \$26 Million

South Austin Regional (SAR) WWTP Trains A & B Improvements

Purpose:

 Rehabilitate mechanical, electrical and instrumentation equipment throughout Trains A and B.

Project Scope:

- Remove and Replace Primary Clarifier, Secondary Clarifier, Chlorine Contact Clarifier, Primary Sludge Pumps, new Scum Receiving Station and Pumps, Electrical Enclosure, Instrumentation and Controls
- **▶ Estimate Construction Cost:** \$90 Million





Wild Horse WWTP 2.25 MGD Expansion

Purpose:

 Expand existing WWTP from 0.75 MGD to 2.25 MGD with biological nutrient removal

- Modify existing Influent Lift Station, Headworks, Aeration Basins, Secondary Clarifier, Cloth Filters, UV Disinfection, Chemical Feed, NPW Facility, Sludge Thickening, Electrical Power Feed, Instrumentation and Controls, Electrical Enclosure, Site Paving and Drainage
- Estimate Construction Cost: \$40 Million

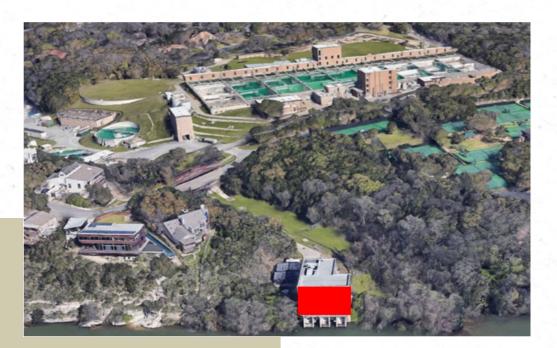
Davis WTP RW & HEEI LSPS Improvements

Purpose:

 Install hydraulic and energy efficiency improvements at the Low Service Pump Station

Project Scope:

- This project includes basket vortex suppressors on the pump bowls for six two-stage vertical turbine pumps, addition of a stiffening beam between the existing concrete floor beams underneath the LSPS No. 2 pad.
- **♦ Estimate Construction Cost:** \$2 Million





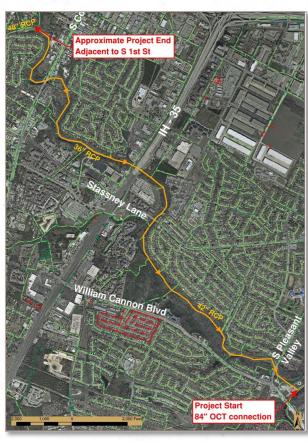
Walnut Creek WWTP 100 MGD Expansion

Purpose:

 Expand existing WWTP from 75 MGD to 100 MGD with biological nutrient removal

- Modify existing Headworks #2, Primary Clarifier, Aeration Basins, Secondary Clarifier, Cloth Filters, UV Disinfection, Chemical Feed, Fermentation Basins, I&I Facility, NPW Facility, Sludge Thickening, Electrical Power Feed, Instrumentation and Controls, Electrical Enclosure, Site Paving and Drainage
- Estimate Construction Cost: \$450 Million

Williamson Creek Wastewater Interceptor



Purpose:

 Replace 60 year-old infrastructure in Williamson Creek to improve infrastructure stability and provide increase capacity

Project Scope:

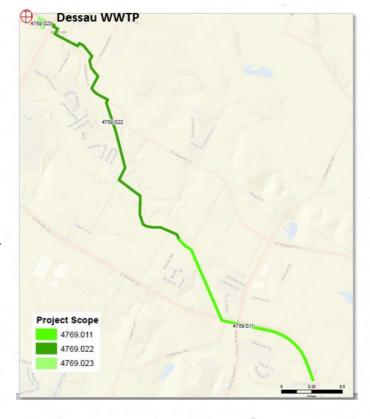
- Install 18,000 LF of new 66-inch and 72-inch diameter gravity interceptor along/near Williamson Creek with two downstream segments to be CIPP-lined due to condition assessment
- Estimate Construction Cost: \$55 Million
- Estimated Advertise Date: Q2 2022

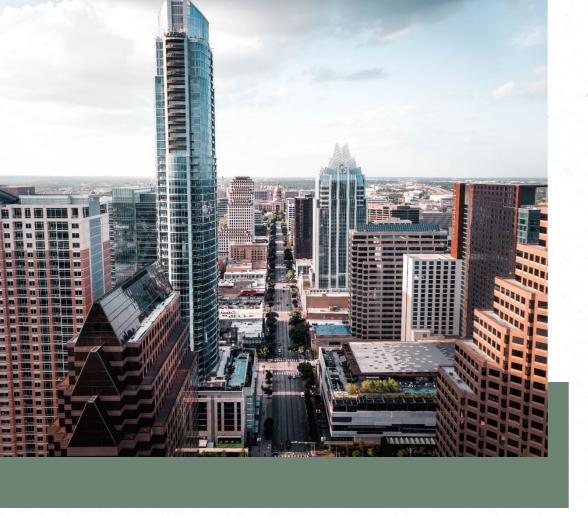
Upper Harris Branch Wastewater Improvements

Purpose:

New wastewater interceptor due to increased growth in the Harris Branch wastewater basin. Interceptor will also relieve flows at the Dessau WWTP.

- Install 23,000 LF of 30- and 36-inch gravity wastewater interceptor
- Estimate Construction Cost: \$30 Million
- Estimated Advertise Date: 2024



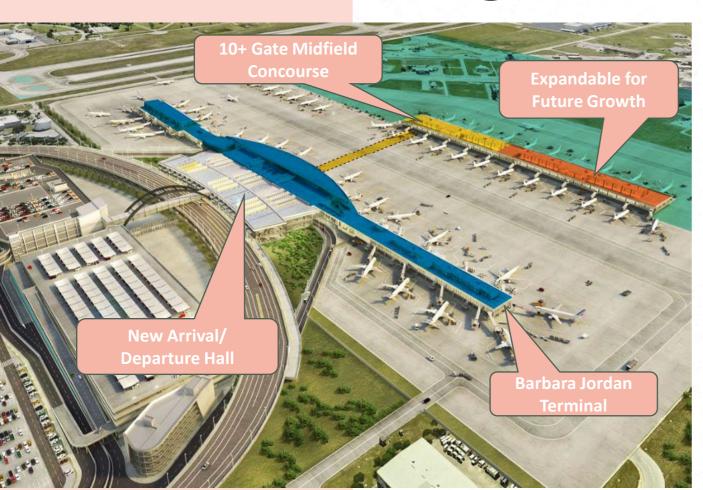




Aiden Cohen and Lyn Estabrook, Department of Aviation



Airport Expansion Program Overview



Barbara Jordan Terminal (BJT)

- New Front Ticket Area
- Integration of Tunnel
- Tunnel/BHS connection

Airfield

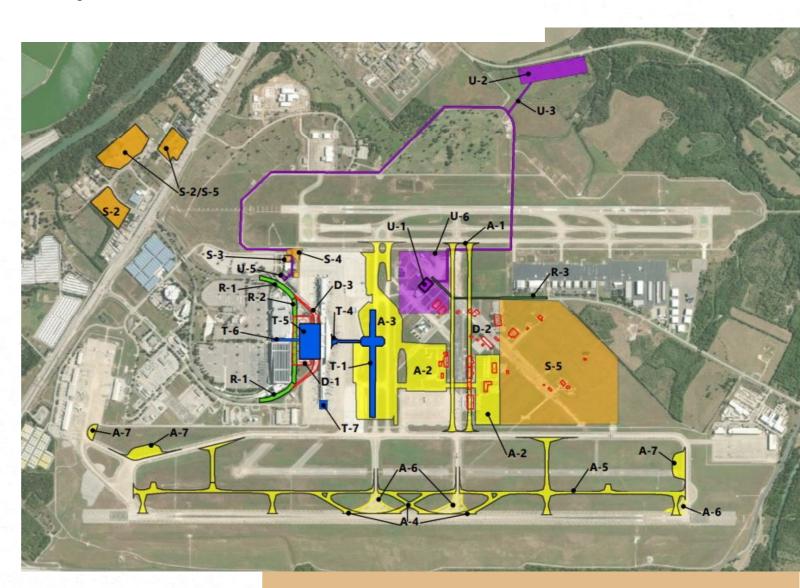
- Midfield Cross Taxiways
- Apron
- RON parking
- Taxiways/lanes

Landslide

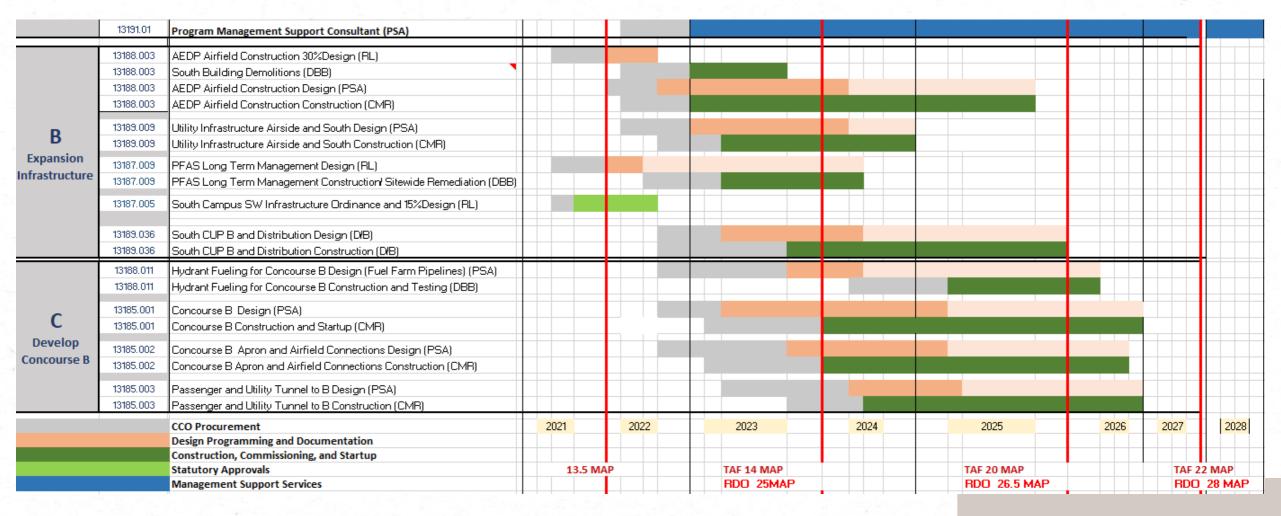
- Front Roadway
- Curbside Roadway

Main Program Components - Overview

- New Midfield Concourse (Concourse B)
- Passenger/Utility Tunnel to Concourse B
- Airfield Infrastructure
- Central Utility Plant (CUP)
- Arrival/Departure Hall
- North Campus Curbside and Utility
 Relocation
- South Campus Utility and Stormwater
 Infrastructure
- Optimize Existing Terminal
- ...constructed all while operating a busy airport!

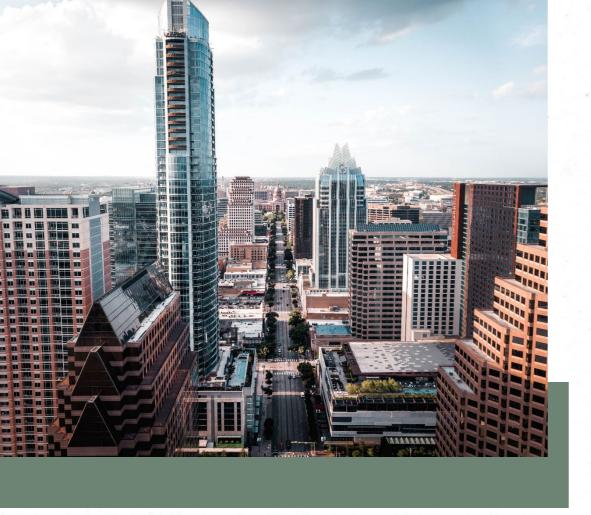


AEDP Program Preliminary Schedule



Department of Aviation Solicitations - Upcoming

AEDP Program Element	Est. Advertise	Estimated Council Date	
AEDP Airfield Infrastructure - Design Consultant	1/31/2022	Thursday, May 19, 2022	
Project Management Support Consultants (PMSC)	Spring 2022	Thursday, June 9, 2022	
South Buildings Demolition Contractor	Summer 2022	Thursday, July 28, 2022	
AEDP Airfield Infrastructure Construction - CMR Construction	Summer 2022	Thursday, September 1, 2022	
Concourse B - Design Consultant	Fall 2022	Thursday, November 3, 2022	
South Campus Stormwater - Design Consultant	4Q22	Thursday, November 3, 2022	
Asbestos/Lead/PFAS Remediation IDIQ	4Q22	Thursday, December 1, 2022	
Concourse B - CMR Construction	4Q22	Thursday, December 1, 2022	





Steven Linett,
Parks and Recreation Department

Brownie Neighborhood Park Anticipated Scope



Brownie and Highland Neighborhood Parks

IFB covers construction of both neighborhood parks in District 4 in north-central Austin

Expect advertisement in March 2022

Brownie Neighborhood Park



New playground, picnic pavilion, lawn and irrigation system expansion, loop walking trail, vehicular turnaround, and landscaping

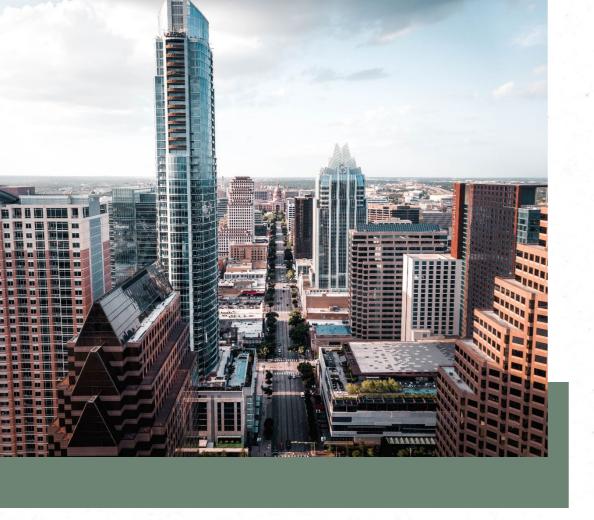


Highland Neighborhood Park



New loop walking trail, two 125' ballfields, irrigation system, parking lot improvements, and landscaping







PUBLIC WORKS

Diane Rice, Public Works Department

Sidewalk Projects 2022

Received **\$80M** in 2020 Mobility Bond funding for construction of new and repair of existing sidewalks.

Typically done through field engineering and IDIQ contracts.

ADA Sidewalk Group 26 City Wide \$30M (\$10M per year for 3 years)

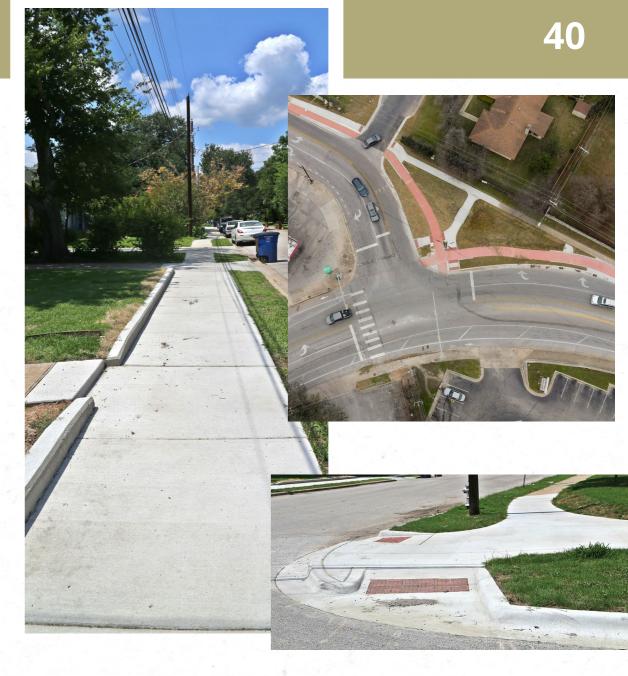
- February 14, 2022 Advertise
- March 24, 2022 Bids due

ADA Sidewalk Group 27 City Wide \$5M (\$1.5M per year for 3 years, \$.5M 6 mo)

- February 21, 2022 Advertise
- March 31 2022 Bids due

ADA Sidewalk Group 28 City Wide \$15M (\$5M per year for 3 years)

- February 28, 2022 Advertise
- April 7, 2022 Bids due



Questions?: diane.rice@austintexas.gov or lvan.quinones@austintexas.gov

