

Palm Park Overhead Utility Reroute Construction Phase Plan

10.14.20

Creek Delta - 4th Street to Lady Bird Lake



TRINITY STREET

4TH STREET

RED RIVER STREET

3RD STREET

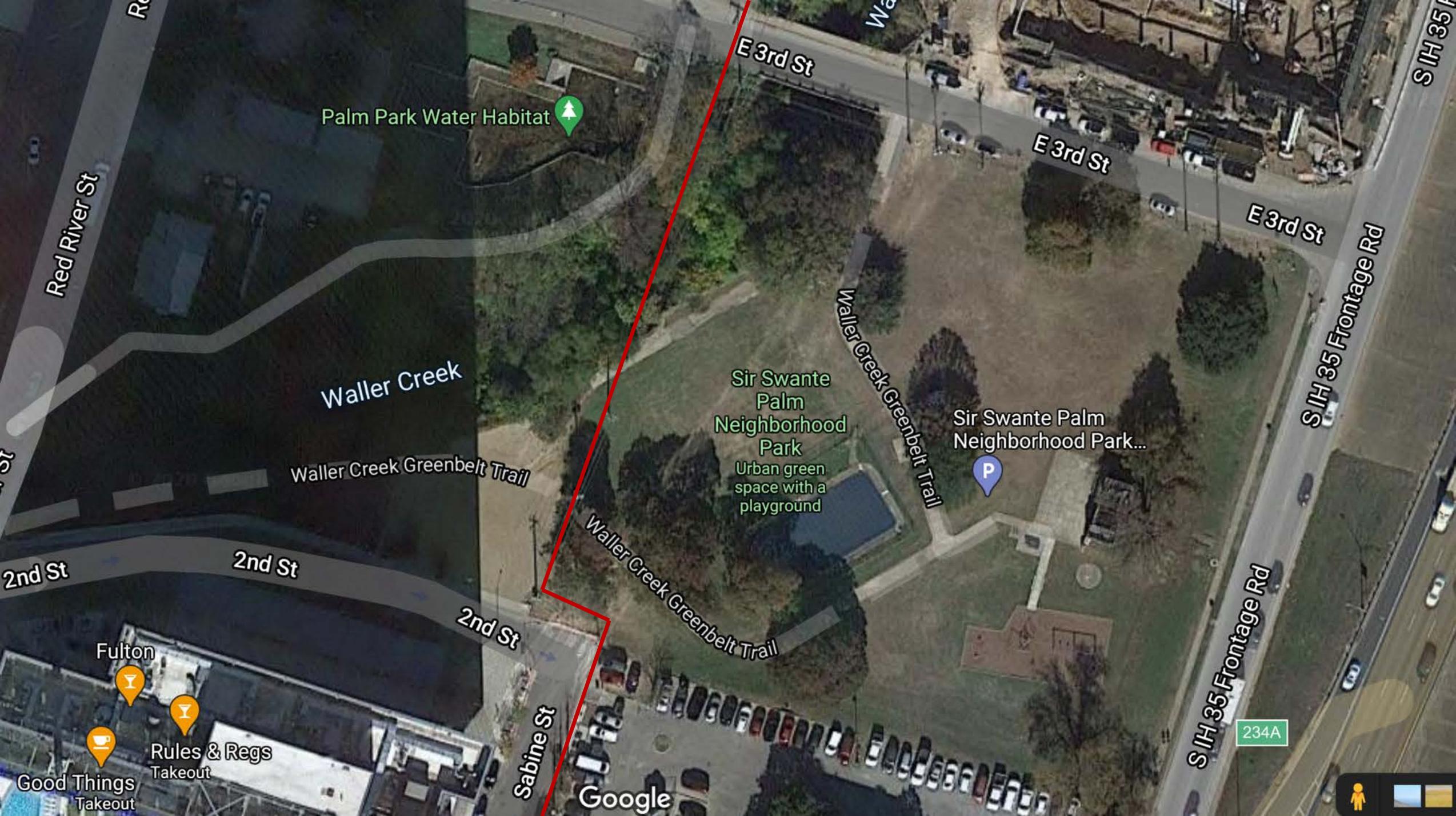
CESAR CHAVEZ STREET

RAINNEY STREET

DAVIS STREET

DRISKILL STREET

I-35



Palm Park Water Habitat

E 3rd St

E 3rd St

E 3rd St

Red River St

Waller Creek

Waller Creek Greenbelt Trail

Sir Swante Palm Neighborhood Park
Urban green space with a playground

Sir Swante Palm Neighborhood Park...

Waller Creek Greenbelt Trail

Waller Creek Greenbelt Trail

2nd St

2nd St

2nd St

Fulton

Rules & Regs Takeout

Good Things Takeout

Sabine St

Google

S IH 35 Frontage Rd

S IH 35 Frontage Rd

S IH 35

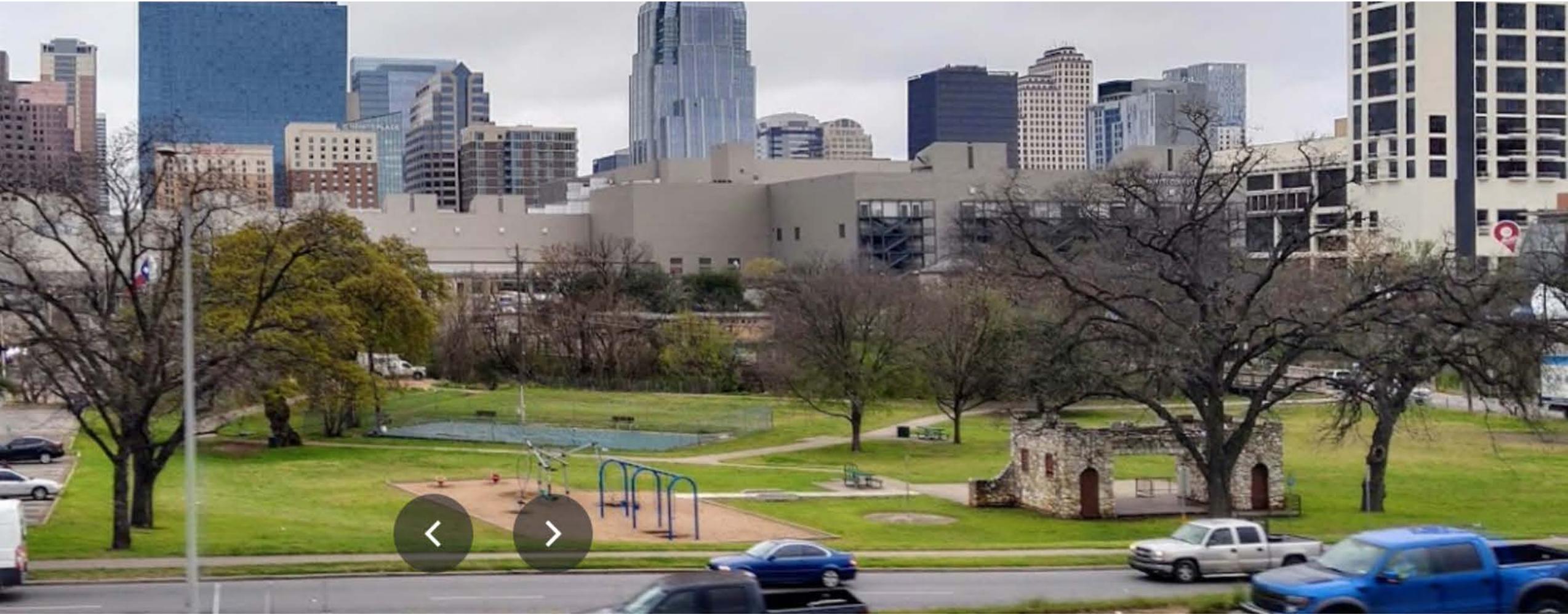
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Existing Conditions



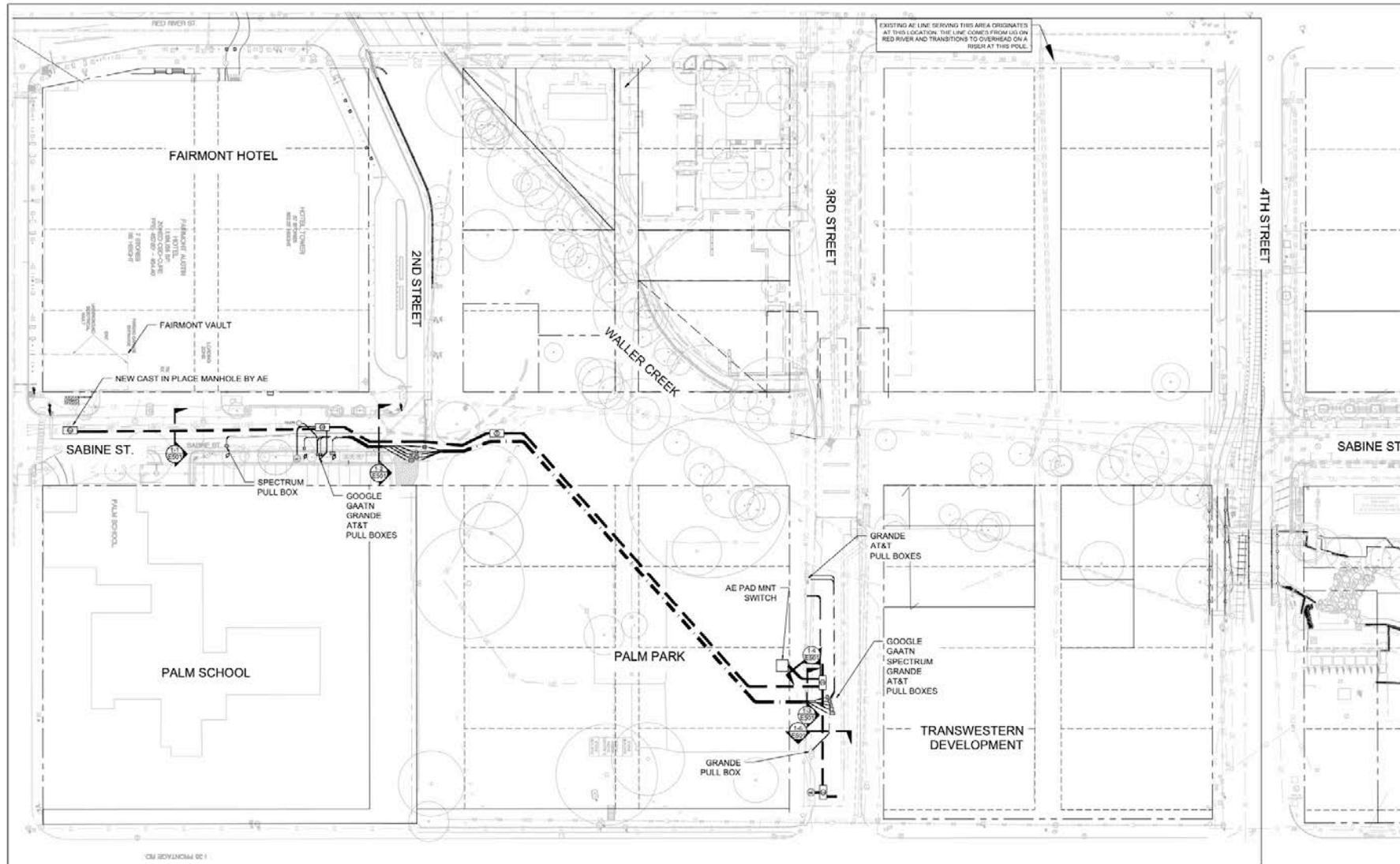
Existing Conditions



Project Goals

- Move utility service off of unsightly poles and underground
- Enable future improvements to the Park and the Creek
 - Allows for creek restoration and preservation of critical trees
 - Allows for removal of poles from park for new landscape
- Provide permanent power to Palm Park
 - Park currently does not have power service
- Align with District-wide goal of removing all overhead utility lines

Project Scope



1 UNDERGROUND DUCT-BANK OVERALL PLAN - PALM PARK UTILITY RELOCATION - PHASE 1
Scale: 1" = 40' 0"

SYMBOLS LEGEND:

	NEW UNDERGROUND ELECTRICAL CONDUIT DUCT BANK		ELECTRICAL MANHOLE
	EXISTING UG ELEC. DUCT BANK BY OTHERS, NOT IN SCOPE		COMMUNICATIONS MANHOLE
	UNDERGROUND COMMUNICATIONS CONDUIT DUCT BANK		AT&T PULL BOX
			GAATN PULL BOX
			GOOGLE PULL BOX
			GRANDE PULL BOX
			SPECTRUM PULL BOX

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- NOTE:**
- THIS DOCUMENT IS FOR PLANNING AND PERMIT ONLY. ALL UTILITY LINE RELOCATION TO BE DESIGNED BY AUSTIN ENERGY
 - REFER TO CIVIL DRAWINGS FOR ADDITIONAL LAYOUT INFORMATION



PALM PARK UTILITY RELOCATION

AUSTIN, TEXAS

CLIENT
City of Austin - Watershed Protection
City of Austin - Parks and Recreation Department
Waterloo Greenway

LANDSCAPE ARCHITECT
Michael Van Valkenburgh Associates Inc.
Landscape Architects
16 Court Street, 11th Floor
Brooklyn, New York 11241

LOCAL LANDSCAPE ARCHITECT
d.w.g.
912c Congress Avenue Austin, TX 78701

CIVIL ENGINEER
Wainman Group, Inc.
2021 East Fifth Street, Suite 200
Austin, TX 78702

MEP ENGINEER
EEA Consulting Engineers
6615 Vought Ranch Road, Suite 200
Austin, TX 78730



STATUS
100% Construction Documents Issue for Construction

REVISIONS

NO.	DATE	DESCRIPTION

DRAWING TITLE
UTILITY DUCT-BANKS OVERALL PLAN PALM UTILITY RELOCATION

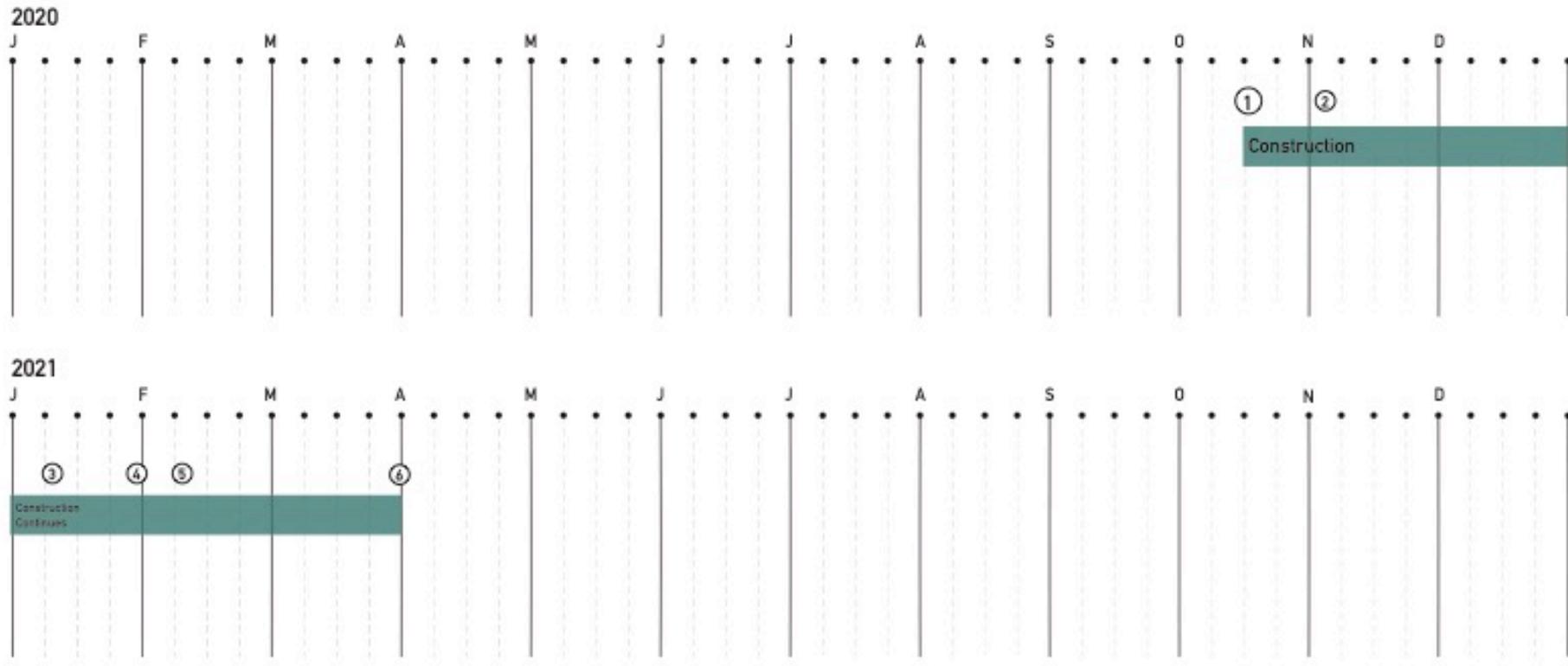
JOB NUMBER 12003-27 SHEET NO.
DATE 09.11.2020
SCALE 1"=40' **E200**
DRAWN BY JCW-EEA
CHECKED BY JCW-EEA

Scope Overview

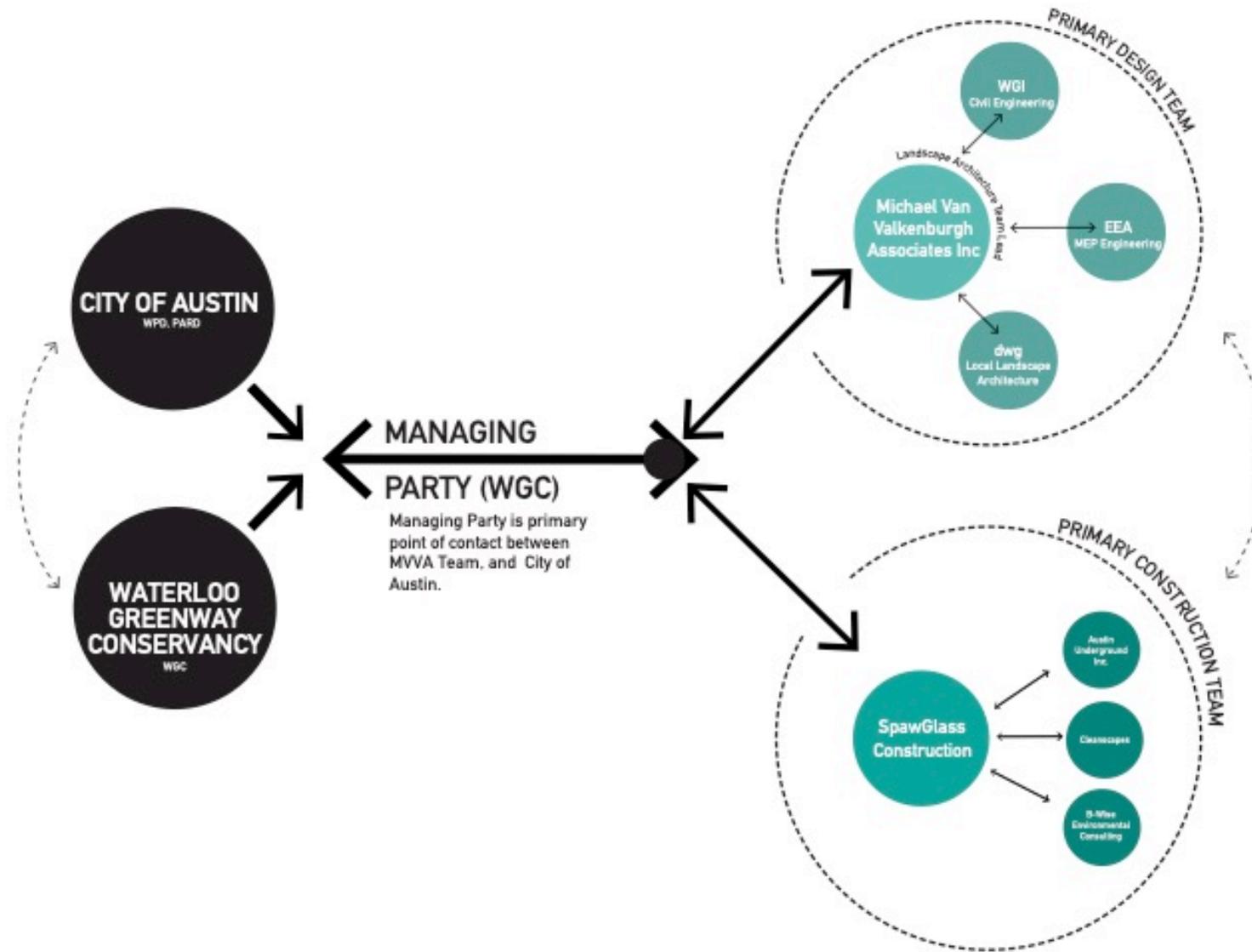
- Excavate Sabine St. ROW between Cesar Chavez and Palm Park, through Palm Park, and along 3rd St. ROW
- Install duct banks underground in ROW and Palm Park
- Cover duct banks and restore streets, sidewalks, and landscape
- Install conduit
- Connect electrical service

Project Schedule

- ① Notice to Proceed - to be issued after LGC approval
- ② Electrical Duct bank Installation Begins
- ③ Telecomm Duct bank Installation Begins
- ④ Landscape Restoration Begins
- ⑤ Duct bank Installation Complete
- ⑥ Substantial Completion



Team Organization Chart



Project Budget Summary

PALM PARK OVERHEAD UTILITY REROUTE CONSTRUCTION PHASE PLAN		
	Fees	Reimb
1. Construction Administration (MVVA):		
Professional Service Fees	\$85,235	\$3,600
2. Construction (SpawGlass):		
Cost of work	\$1,110,851	
Construction Contingency (3.74%)	\$59,123	
General Conditions	\$329,687	
CMAR Fee	\$82,831	--
Guaranteed Maximum Price Total:	\$1,582,492	
2. Allowances + Cost Overrun:		
Survey, Materials Testing, and Permits Allowance	\$100,000	
AE Allowance (design & installation)	\$500,000	
Allowances Total:	\$600,000	--
Change Order Contingency (12.6%)	\$200,000	--
Cost Overrun Reserve (1.6%)	\$25,000	--
SUMMARY		--
1. Guaranteed Maximum Price	\$1,582,492	--
2. Construction Administration	\$88,835	--
2. Allowances + Cost Overrun	\$825,000	--
TOTAL:	\$2,496,327	--

Questions?