



City of Richmond

Where History Meets Opportunity

Special Scheduled City Commission Meeting

600 Morton Street

Richmond, Texas 77469

Thursday, April 13, 2023 at 4:00 P.M.

Join Zoom Meeting

<https://us06web.zoom.us/j/86512382678?pwd=ZFpKTm9BU0Z4S2taejVFV3RmdWVtZz09>

Meeting ID: 865 1238 2678

Passcode: 186315

One tap mobile

+13462487799,,86512382678# US (Houston)

+16694449171,,86512382678# US

Dial by your location

+1 346 248 7799 US (Houston)

Meeting ID: 865 1238 2678

Find your local number: <https://us06web.zoom.us/j/86512382678?pwd=ZFpKTm9BU0Z4S2taejVFV3RmdWVtZz09>

Mayor Rebecca K. Haas

Commissioner Terry Gaul

Commissioner Barry Beard

Commissioner Carl Drozd

Commissioner Alex BeMent

AGENDA

- A1. Call to Order, Quorum Determined and Meeting Declared Open.
- A2. Public Comments (Public comment is limited to a maximum of 3 minutes per item. No Deliberations with the Commission Time may not be given to another speaker.)
- A3. Update on Capital Improvement Projects.
- A4. Update on Fort Bend County Mobility Projects – 2023 Bonds.
- A5. Adjournment.

Any item on this posted agenda may be discussed in Executive Session provided it is within one of the permitted categories under Chapter 551 of the Texas Government Code.

City Commission Special Meeting Agenda

April 13, 2023

Page 1 of 2

If, during the course of the meeting covered by this Agenda, the Commission shall determine that an executive session of the Commission, should be held or is required in relation to any item included in this Agenda, then such executive session, as authorized by the Texas Open Meetings Act, will be held by the Board at the date, hour, and place given in this Agenda concerning any and all subjects and for any and all purposes permitted by Sections 551.071-551.090 of the Texas Government Code, including, but not limited to, Section 551.072 – for purpose of deliberating regarding real property on any or all subjects or matters authorized by law.

NOTICE OF ASSISTANCE AT THE PUBLIC MEETING

The City of Richmond City Commission meetings are available to all persons regardless of disability. This facility is wheelchair accessible and accessible parking spaces are available. Requests for accommodations, should you require special assistance, must be made 48 hours prior to this meeting. Braille is not available. Please contact the City Secretary's office at (281) 342-5456 ex. 504 for needed accommodations.

If you have any questions, please let me know.
Terri Vela



City of Richmond

Where History Meets Opportunity

Special Scheduled City Commission Meeting

600 Morton Street

Richmond, Texas 77469

Thursday, April 13, 2023, at 4:00 P.M.

A1. Call to Order, Quorum Determined, Meeting Declared Open



City of Richmond

Where History Meets Opportunity

Special Scheduled City Commission Meeting

600 Morton Street

Richmond, Texas 77469

Thursday, April 13, 2023, at 4:00 P.M.

- A2. Public comments (Public comment is limited to a maximum of 3 minutes per item. No Deliberations with the Commission. Time may not be given to another speaker.)



City of Richmond

Where History Meets Opportunity

Special Scheduled City Commission Meeting

600 Morton Street

Richmond, Texas 77469

Thursday, April 13, 2023, at 4:00 P.M.

A3. Update on Capital Improvement Projects.



RICHMOND
EST. **TEXAS** 1837

Capital Improvement Plan Infrastructure Update 2023

Infrastructure Projects - Grants

American Rescue Plan Act (ARPA) - \$3.1 million

Grant Administrator – Traylor and Associates

Engineer – LJA Engineering

Status: Water Line Rehabilitation – Downtown

Notice to proceed April 10

Well Rehabilitation – Winston Water Plant

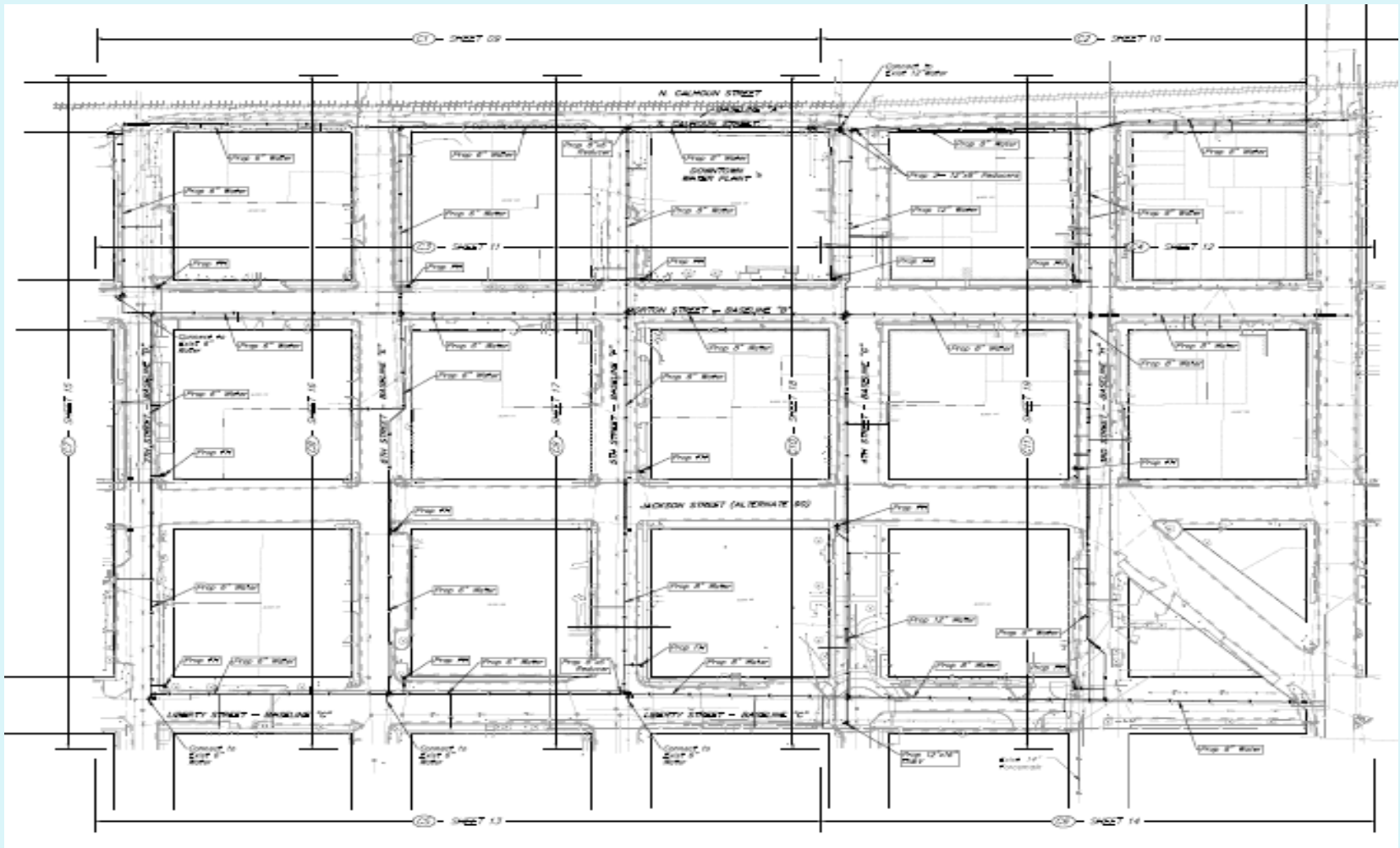
Project to bid in October

Regional Wastewater Plant Rehabilitation – Replacement of air piping, slide gates, and clarifier 2 repair

Project bidding summer of 23

Wessendorff water plant ground storage tank rehabilitation (design) – Construction fall of 23

Water Line Rehabilitation



Grant Projects Continued

General Land Office (GLO) Hazard Mitigation - \$7.6 million dollars

Grant Administrator – Grantworks

Engineers: Costello Engineering and KIT Professionals

Second Street Elevation Improvements

Upper Rabbs Bayou Drainage Improvements

Newton Dip Improvements

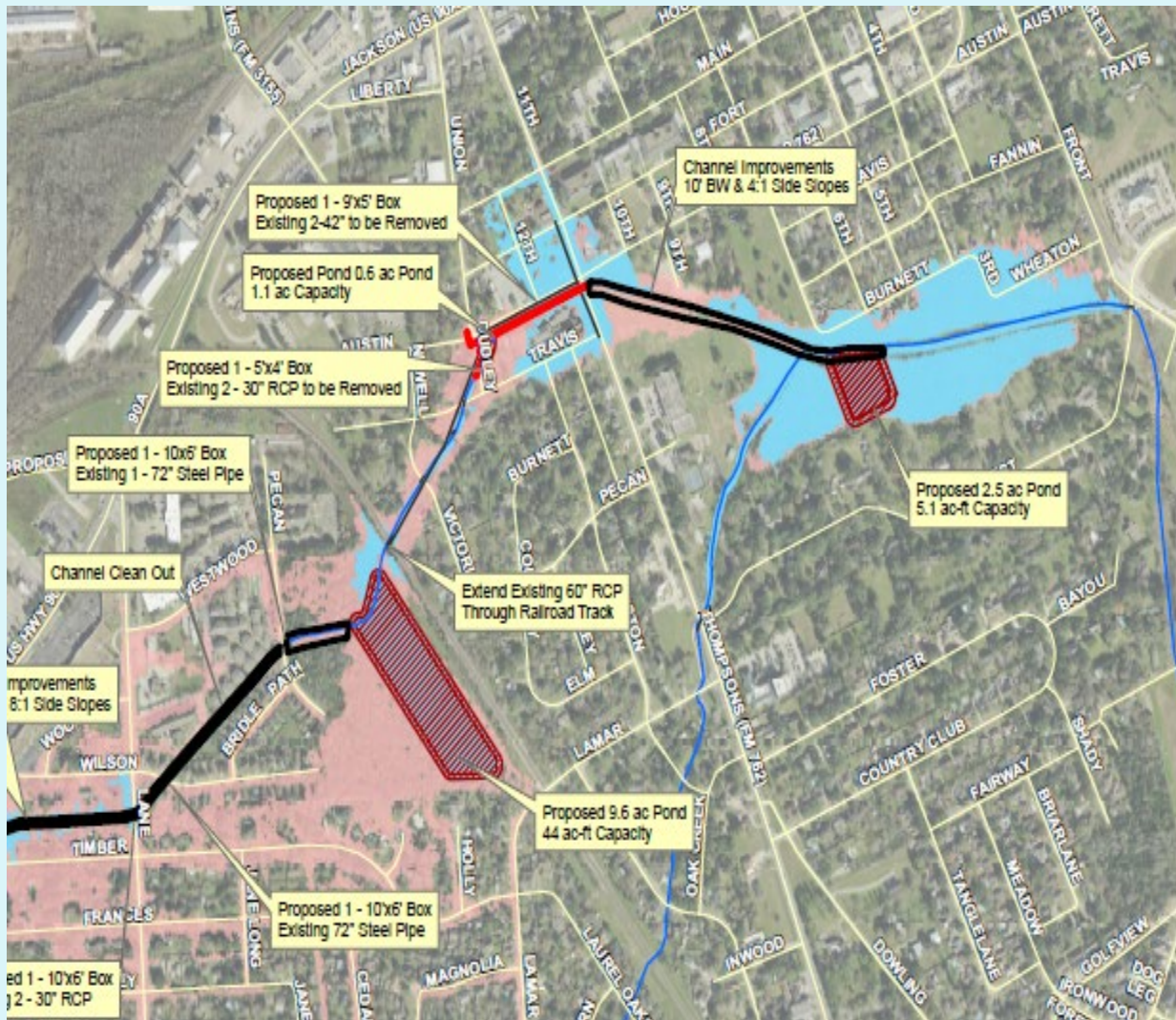
30% plans by April, anticipate bidding in Fall 23

Second Street Lift Station Improvements

Greenwood Lift Station Improvements

Seventh Street Lift Station Improvements

30% plans by April, anticipate bidding in Fall 23



Feet
1 in = 600 ft

Legend

- Upper Rabbs Bayou
- Channel Improvements
- Proposed Culverts
- Existing Culverts
- City of Richmond Pond
- Railroad Track Pond
- Union Pond
- Proposed Floodplain Capacity
- Floodplain Removed

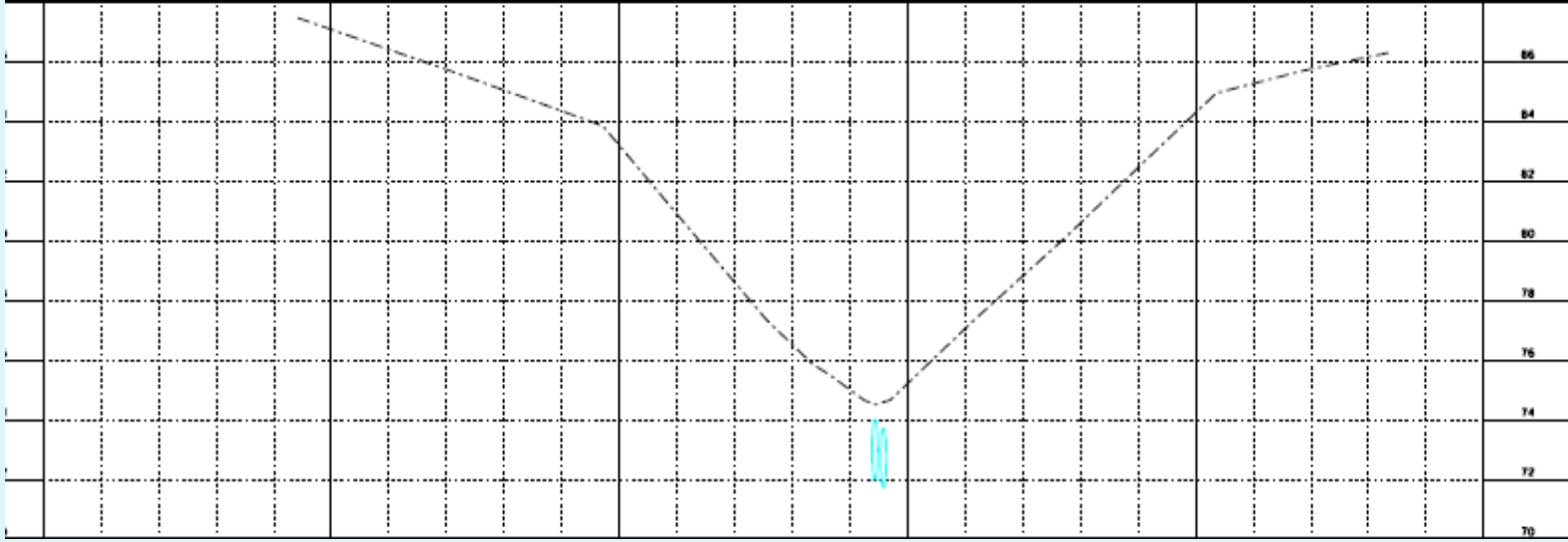


Costello, Inc.
Engineering and Surveying
TBPE Firm Registration No. 280

UPPER RABBS BAYOU WATERSHED STUDY



NEWTON STREET



86	
84	
82	
80	
78	
76	
74	
72	
70	

NO.	DATE	REVISION	BY


RICHMOND
 EST. TEXAS 1987
A CHARTERED PROFESSIONAL CORPORATION


CobbFendley
 13000 NICHOLSON FLOWERS, SUITE 1100
 HOUSTON, TEXAS 77066
 (713)625-2249 | (713)625-2281 | www.cobbhendley.com

**CLAY STREET
 SIDEWALK AND DRAINAGE
 IMPROVEMENTS**

DRAWING NO. 223 811
 SCALE: AS SHOWN
 DATE: 08/20/2013

Grant Projects Continued

**GLO Hazard Mitigation Supplemental \$1.5 million dollars
(pending)**

Grant Administrator – Grantworks

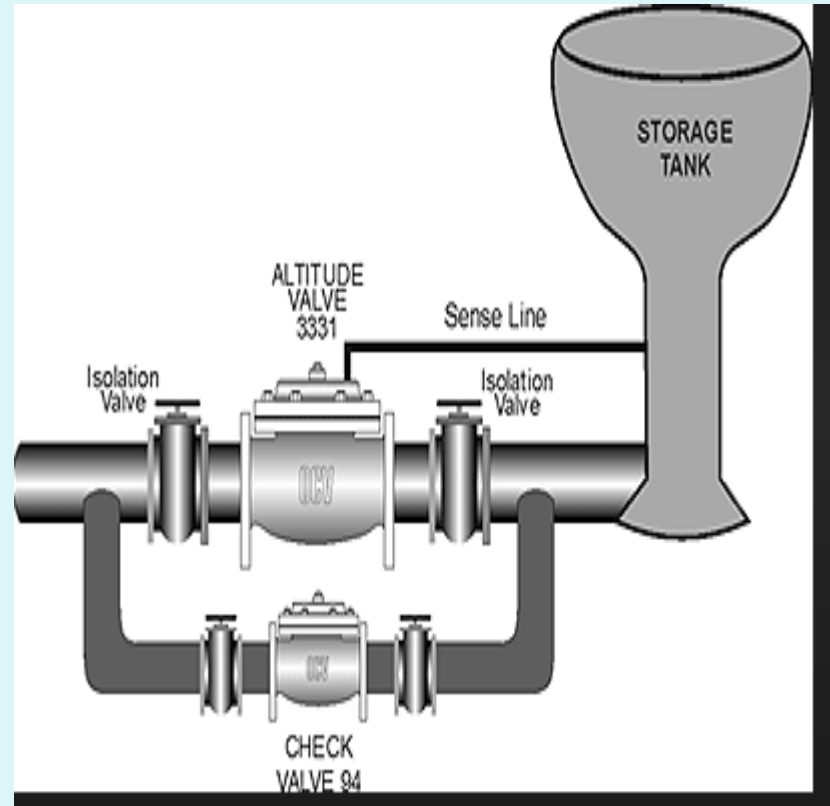
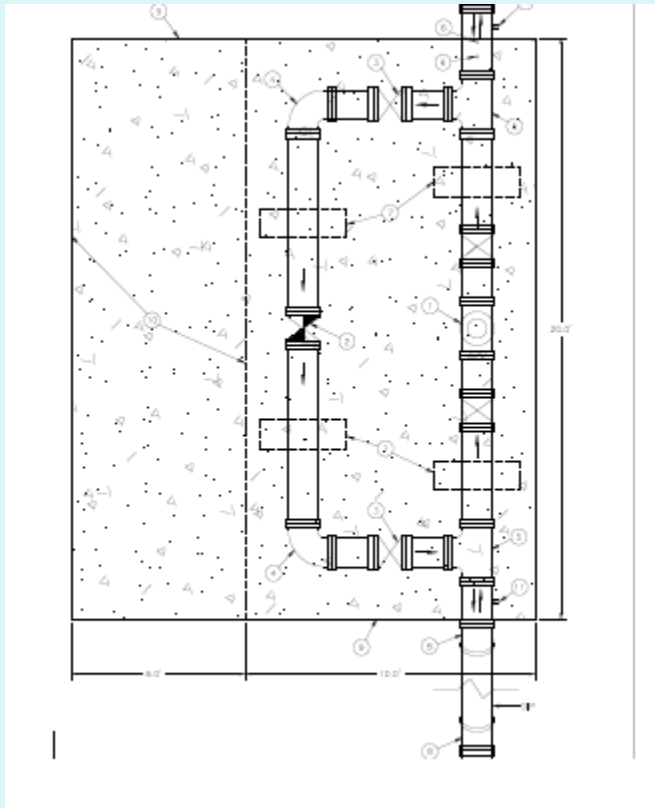
Engineer – Costello Engineering

Installation of altitude valves at 3 elevated storage tanks

Installation of emergency by-pass generator at Downtown Water Plant

**Regional Wastewater Plant – Rehabilitation of clarifier no.1,
installation of piping and valves to waste from clarifier's 3 and
4.**

Status: Engineer developing cost and budget for project(s) for grant administrator to submit application to GLO, design anticipated to begin late summer 23



Grant Subsidized Projects

Clay/Second Street Drainage Improvements

2016 County Mobility bond, Private Foundation Grant – 7.4 million dollars

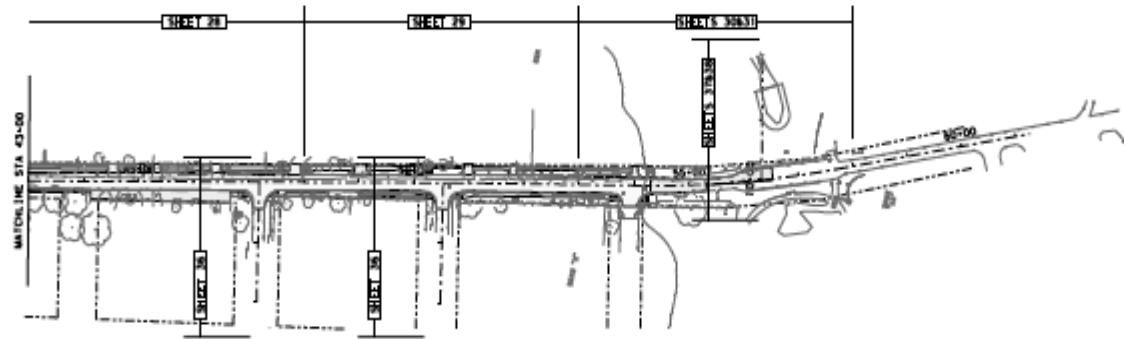
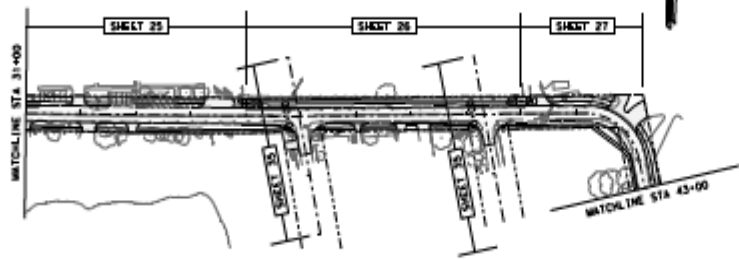
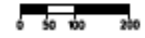
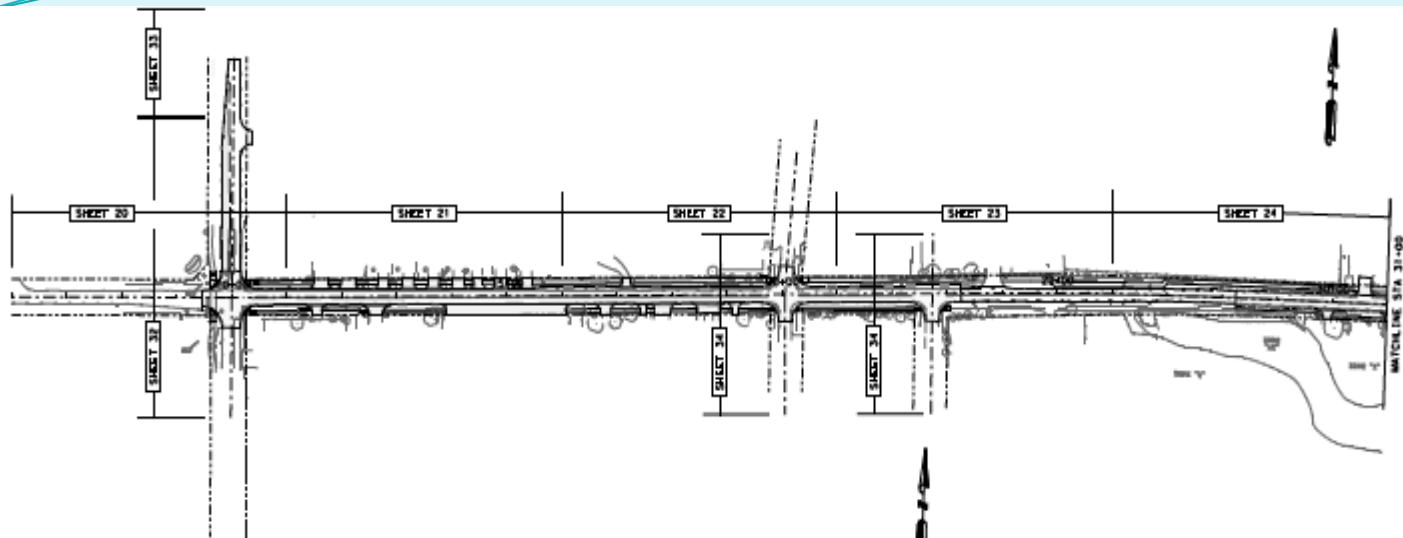
Construction Estimate - \$8.9 million dollars

Project Administrator – City

Engineer – Cobb Fendley and Associates

Street rehabilitation, drainage improvements, sidewalks, and decorative lighting for Clay street from Collins to Second and Second Street from Clay to Morton Cemetery

Status -Design complete, easement acquisition in progress. Anticipate bidding before summer 23



FIELD REVIEW
 Not intended for construction.
 Validity or permit purposes.
 Engineer: WILLIAM S. BERRY
 P.E. License: 000000
 Date: 03/12/2012

No.	Date	Scale	By



Richmond
 EST. TEXAS 1857
A partnership of two legends

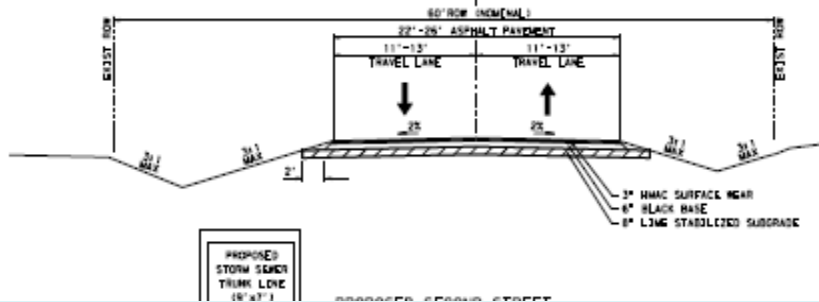
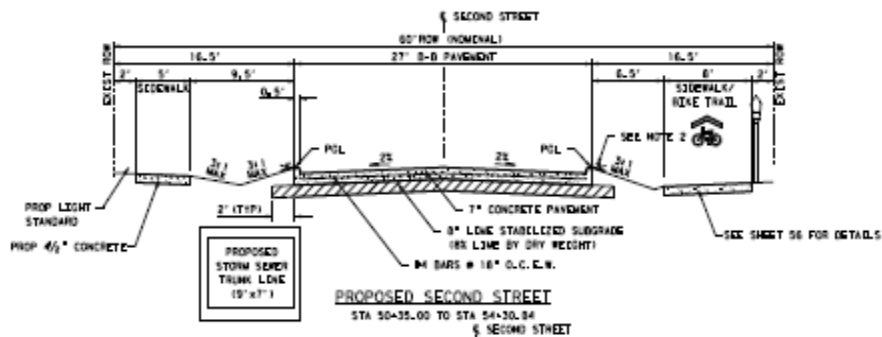
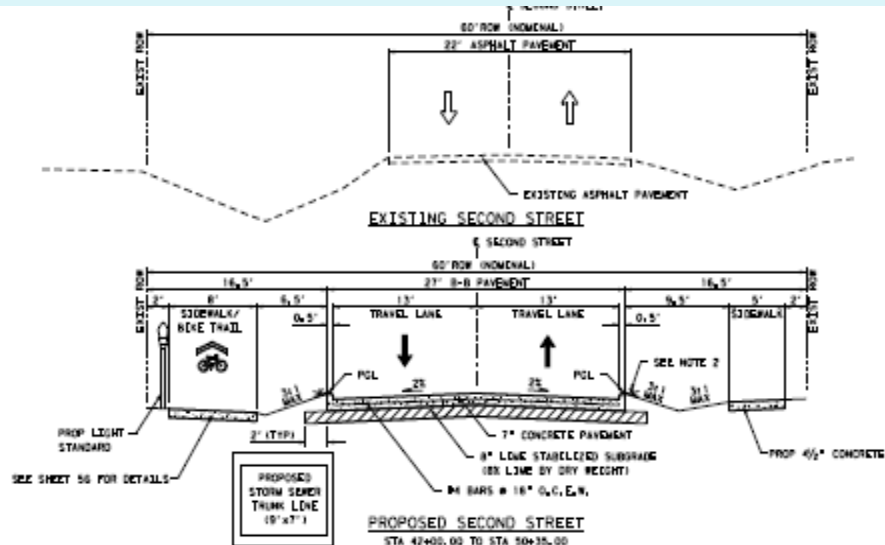


CobbFendley
13430 Northwest Freeway, Suite 1100
 Houston, Texas 77060
 714.462.2044 | fax 714.462.2080 | www.cobbendley.com

**CLAY/SECOND STREET
 SIDEWALK AND DRAINAGE
 IMPROVEMENTS**

PLAN AND PROFILE LAYOUT

DATE PLOTTED: 03/12/2012 10:00 AM
 DRAWING BY: WSB
 SCALE: 1"=60' (PLAN) 1"=10' (PROFILE)



INTERIM REVIEW
 Not intended for construction,
 utility or permit purposes.
 Prepared by: **Richmond**
 P.E. No. 10000000000000000000
 Date: 02/24/2021

No.	Rev.	Notes
 Richmond TEXAS <small>EST. 1907</small> A COMMERCIAL & INDUSTRIAL ENGINEERING & ARCHITECTURAL FIRM CobbFendley <small>TEXAS REGISTERED PROFESSIONAL ENGINEERS</small> 13422 Midland Freeway, Suite 1700 Houston, Texas 77060 714.646.2044 714.646.2045 www.cobbendley.com		
CLAY/SECOND STREET SIDEWALK AND DRAINAGE IMPROVEMENTS		
SECOND STREET TYPICAL SECTIONS		

- NOTES
- SURGRADE TO EXTEND 2' BEYOND BACK OF CURB.
 - BLOCK 500 16" BENDING CURB (TYP) (ALL OTHER)

DATE: 02/24/21
 BY: [Signature]
 CHECKED BY: [Signature]
 DATE: 02/24/21

Grant Subsidized Projects Cont.

Street Rehabilitation Phase 1

2020 County Mobility bond - \$3.75 million dollars

Construction Estimate – \$5.3 million dollars

Project Administrator – City

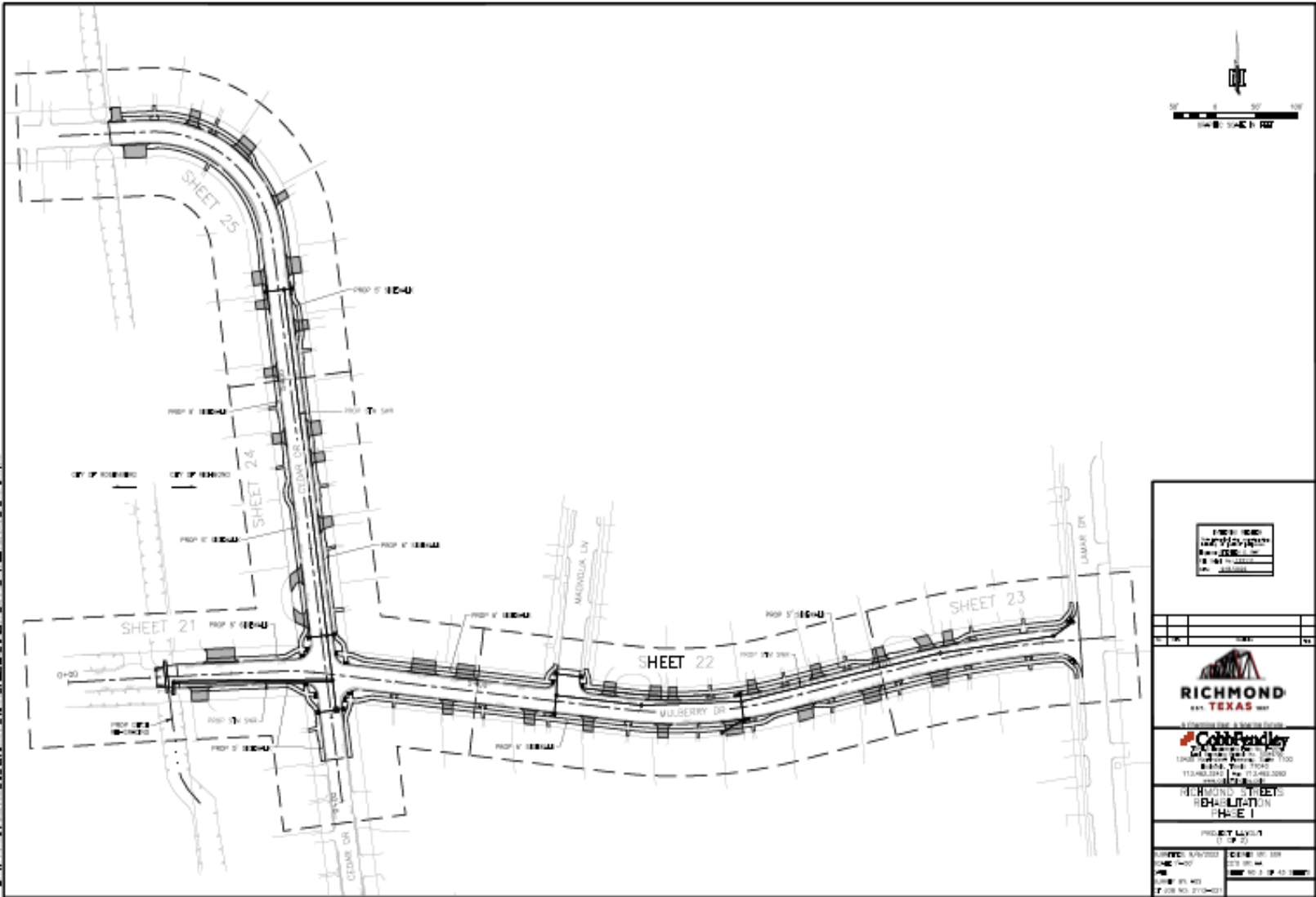
Engineer – Cobb Fendley and Associates

Street Rehabilitation for north Cedar, Mulberry, Teakwood, and Chestnut

Rehabilitation to include:

Concrete curb and gutters, Sidewalks, Drainage improvements

Status: Project designed, working through ILA with the County



PROJECT NO. 2017-001
 DATE: 08/14/2018
 SHEET NO. 2018-001

DATE	BY	CHKD	APPD

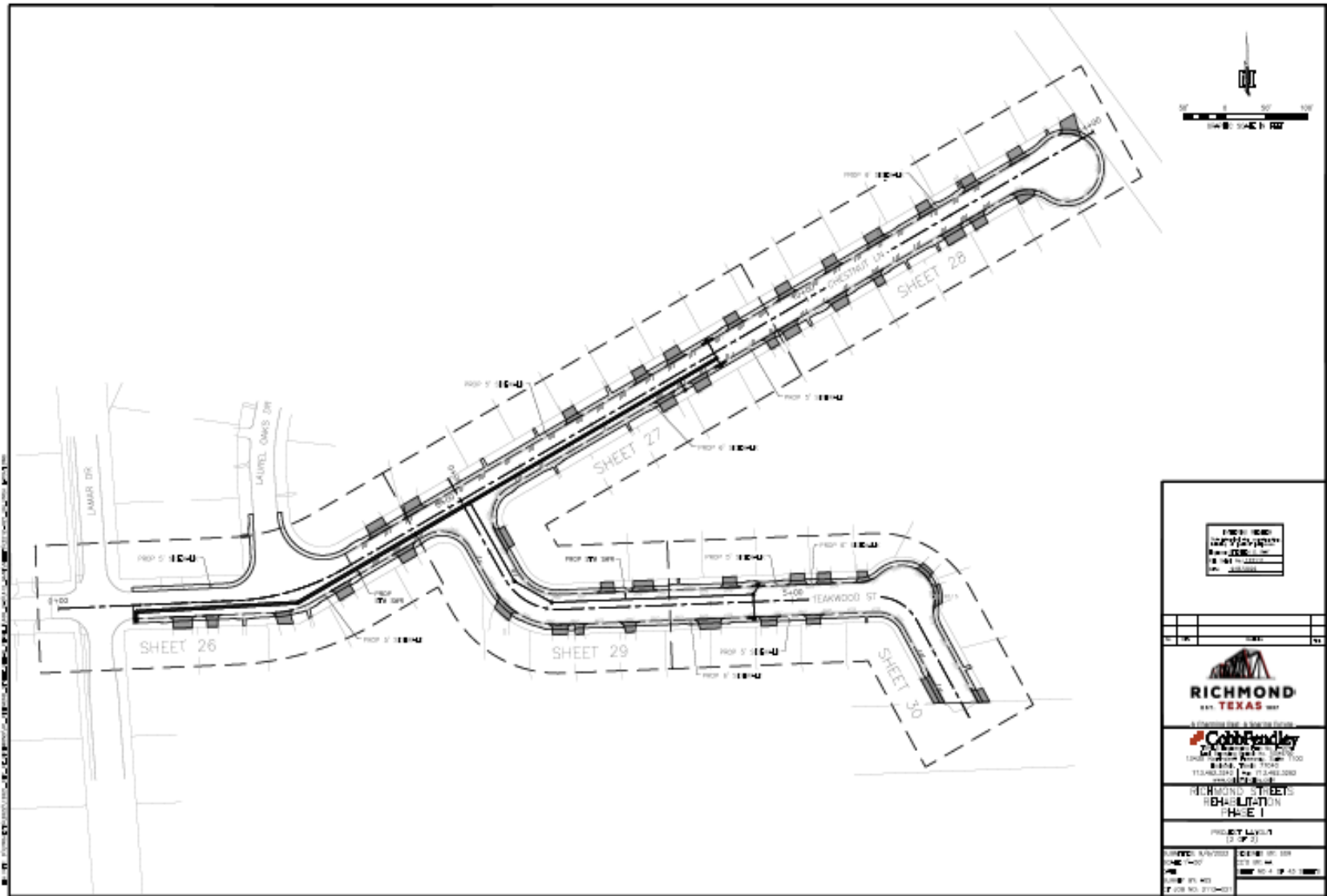


A MEMBER OF A SHAW GROUP
CobbFendley
 ENGINEERS ARCHITECTS
 15000 W. WILLOW ROAD
 SUITE 100
 DALLAS, TEXAS 75244
 TEL: 972.382.1000 FAX: 972.382.1001
 WWW.COBBFENDLEY.COM

**RICHMOND STREETS
 REHABILITATION
 PHASE I**

PROJECT NO. 2017-001
01 OF 02

DATE: 08/14/2018 TIME: 10:00 AM DRAWN BY: JAC CHECKED BY: JAC APPROVED BY: JAC	DATE: 08/14/2018 TIME: 10:00 AM DRAWN BY: JAC CHECKED BY: JAC APPROVED BY: JAC
--	--



PROJECT NO. 15-001
 DATE: 08/12/2015
 DRAWN BY: J. J. JONES
 CHECKED BY: J. J. JONES



**RICHMOND STREETS
 REHABILITATION
 PHASE I**

PROJECT LEVEL
 (2 OF 2)

SHEET NO. 15-001 DATE: 08/12/2015 SCALE: AS SHOWN PROJECT NO. 15-001	CLIENT: CITY OF RICHMOND PROJECT NO. 15-001 DRAWING NO. 15-001-01
---	---

Grant Subsidized Projects Cont.

Tenth Street Realignment

2013 and 2020 Mobility Bonds – \$9.9 million dollars

Construction Estimate – \$9.6 million dollars

Project Administrator – Ft. Bend County

Engineer – Cobb Fendley and Associates

Re-routing 10th street with concrete streets, curb and gutters, roundabout at Clay and 10th, and sidewalks

Status – At grade RR crossing design 100% complete, Property acquisition in progress.



Grant Subsidized Projects Cont.

Williams Way Phase 2 (Front Street)

2007 Ft. Bend County Mobility Bond - \$7.7 million dollars

Construction Estimate – \$7.7 million dollars

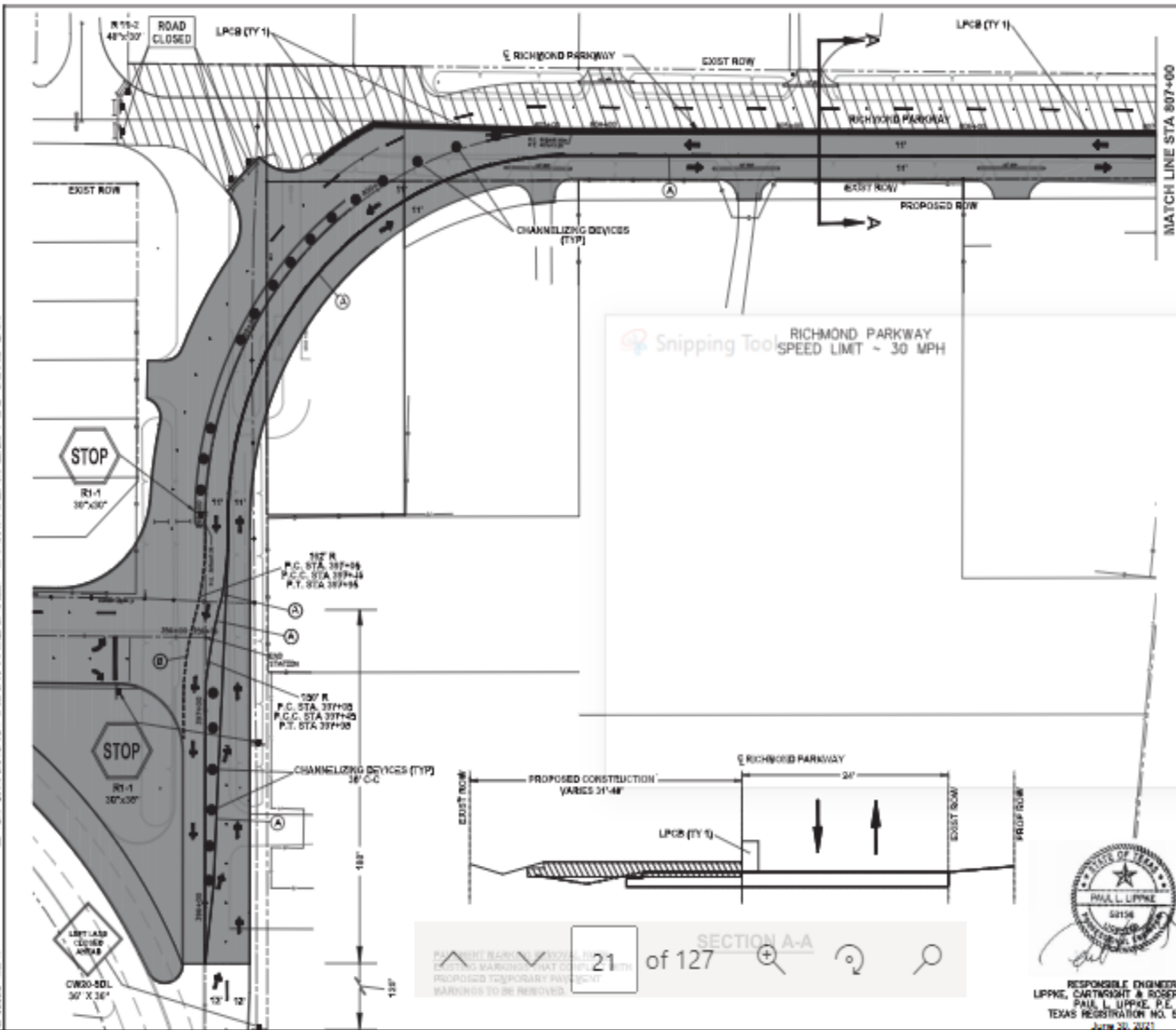
Project Administrator – Ft. Bend County

Engineer – Lipke, Cartwright, and Roberts Inc.

Paving, drainage improvements, sidewalks

Status – Project on currently on hold, working through issues with the contractor

DATE: 08/20/2024 10:58:11 AM
 USER: paul.lippke
 PROJECT: FORT BEND COUNTY - FRONT STREET (RICHMOND PARKWAY) - TRAFFIC CONTROL PLAN PHASE 3 STEP 1
 SHEET: 21 OF 127



LEGEND:

- PROP CONSTRUCTION THIS STEP
- PROP CONSTRUCTION PREVIOUS STEPS
- EXISTING TRAFFIC FLOW
- PROP TRAFFIC FLOW
- TY III BARRICADE
- SIGN
- LPCB (TY 1)
- LPCB (TY 2)
- CHANNELIZING DEVICES
- TEMPORARY STRIPING
- WORK ZONE PAV MARK (1) (4') (SOLID)(REMOVE)
- WORK ZONE PAV MARK (2) (4') (DOT)(REMOVE)
- WORK ZONE PAV MARK (3) (4') (SOLID)(REMOVE)
- WORK ZONE PAV MARK (4) (4') (DOT)(REMOVE)

NOTE:
 1. SEE TRAFFIC CONTROL PLAN PHASE 3 DETOUR PLAN FOR DETOUR INFORMATION.
 2. MAINTAIN ACCESS TO ALL PROPERTIES DURING CONSTRUCTION. NOTIFY HOME OWNERS OR BUSINESSES AT LEAST 1 WEEK IN ADVANCE OF ANY POTENTIAL ACCESS CLOSURE.

REV	DATE	DESCRIPTION	BY	APP



FORT BEND COUNTY
 ENGINEERING DEPARTMENT
 FRONT STREET
 (RICHMOND PARKWAY)



RESPONSIBLE ENGINEER:
 LIPPKE, CARTWRIGHT & ROBERTS, INC
 PAUL L. LIPPKE, P.E.
 TEXAS REGISTRATION NO. 50156
 DATE: 08/20/2024

21 of 127
 SECTION A-A
 PAVEMENT MARKINGS EXISTING IN THIS WARNING AREA SHOULD BE REMOVED. PROPOSED TEMPORARY PAVEMENT MARKINGS TO BE REMOVED.

TRAFFIC CONTROL PLAN PHASE 3 STEP 1

SHEET 1 OF 2

DATE	BY	CHKD	APPD

Grant Subsidized Projects Cont.

Juan Seguin Park

Access Health Grant – Preliminary Engineering-
\$20,000

Construction Estimate – \$1.1 million dollars

Project Administrator – City

Engineer/Architect – M2L and Associates

Status- Grant funded preliminary Engineering. City working through the conceptual plan with LCISD. Will be included in FY24 budget and pursuing possible grant funding



Grant Subsidized Projects cont.

HGAC Solid Waste Grant - \$30,068

Construction Estimate - \$40,655

Project Administrator – City

Status – City purchasing 41 decorative trash cans and 10 recycling cans for George Park. City staff to install concrete pads (in kind services) as a part of the grant. Hopefully to be installed by summer 23



Utility Capital Improvement Projects

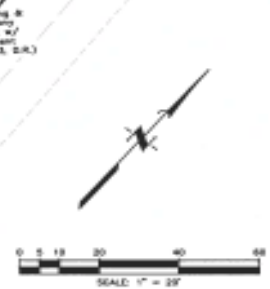
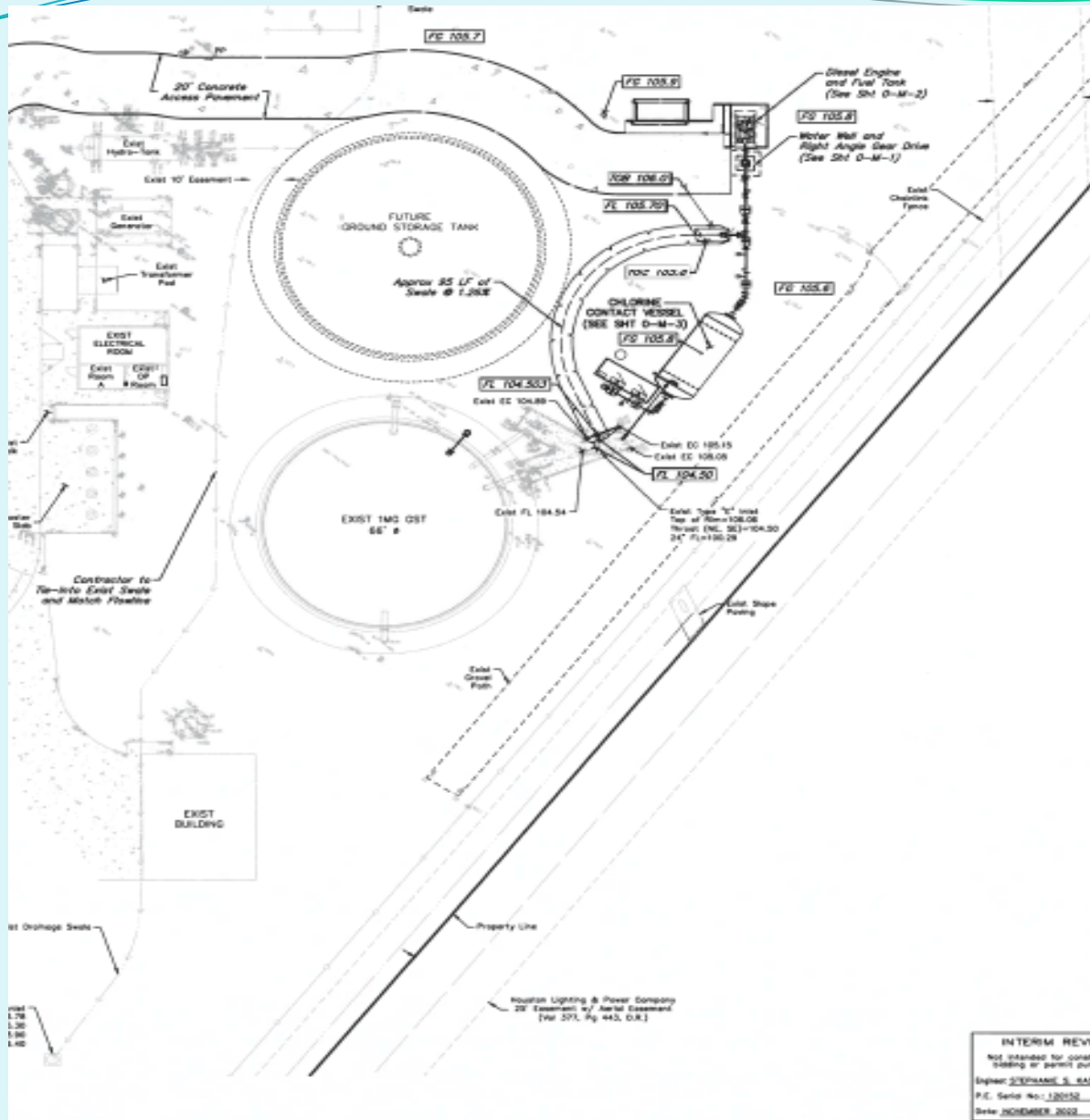
**Surface Water Treatment Plant Groundwater Well
CIP – SW2201**

Construction Estimate – \$4.4 million dollars

Project Administrator – City

Project Engineer – Quiddity Engineering

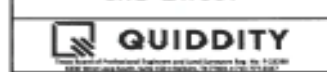
Status: Design is 60% and will be submitted to the TCEQ for approval. Project will be included in FY24 budget for supplemental funding. Anticipate being able to bid next budget year.



NO.	DATE	REVISIONS	APP.

CITY OF RICHMOND
FORT BEND COUNTY, TEXAS

SURFACE WATER TREATMENT PLANT
WATER WELL
**PROPOSED
SITE LAYOUT**



SCALE		DESIGNED BY: SDR
HORIZONTAL	1" = 20'	DRAWN BY: GAO
VERTICAL		CHECKED BY:
		DATE: NOVEMBER 2022
		JOB No: 2022-0207-02
		ENC. No:
		0-C-3

INTERIM REVIEW
Not intended for construction,
bidding or permit purposes.
Engineer: **STEPHANE S. SAGHAF, P.E.**
P.E. Serial No: 120552
Date: NOVEMBER 2022

Utilities

HWY 59 Development

CIP – WA2302

Construction Estimate - \$2 million dollars

Project Administrator – City

Project Engineer – ARKK Engineers

Status: Design for water and sanitary force main is 90% complete. Lift station site has been acquired and project tentatively scheduled to bid May 23



City of Richmond
 16 Inch Water Transmission Main & Force Main
 June, 2022



Utilities

South Wastewater Treatment Plant Expansion

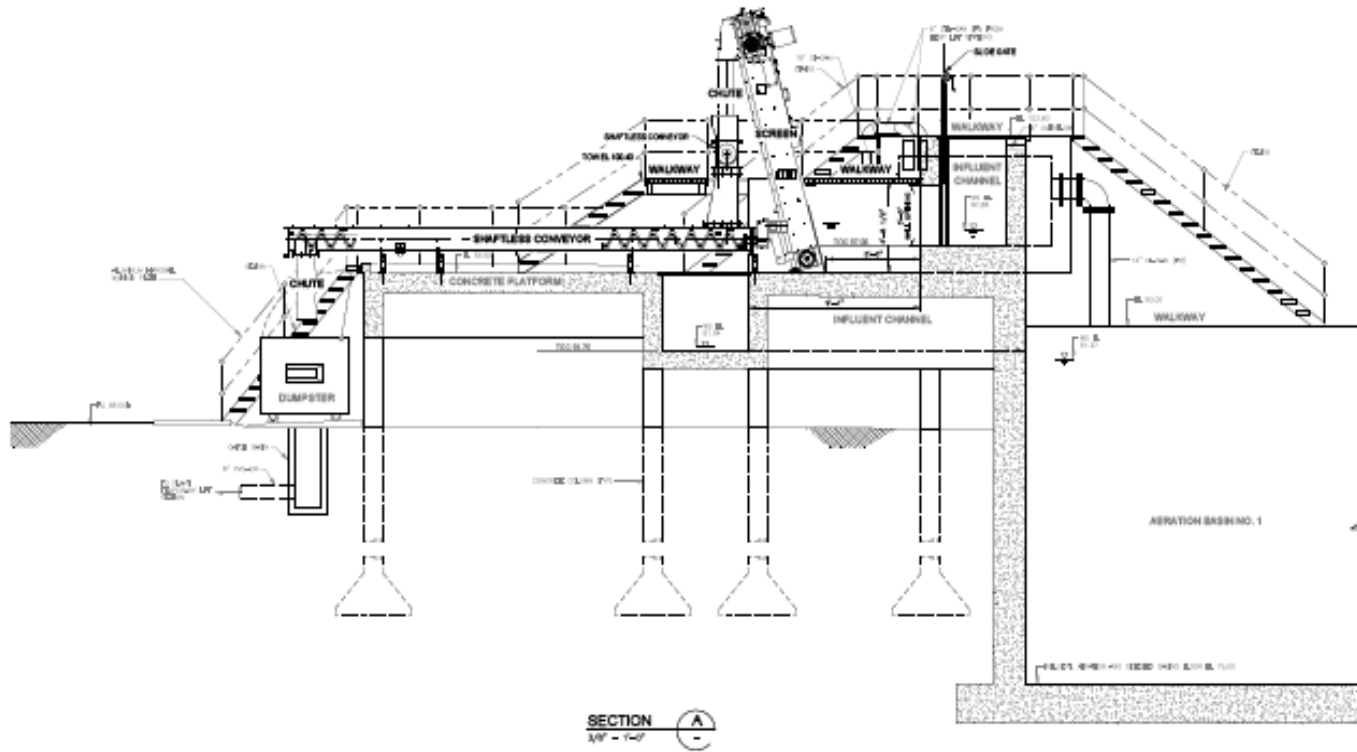
CIP – WW2302

Construction Estimate - \$3.0 million dollars (5/22)

Project Administrator – City

Project Engineers – KIT Professionals

Status: Interim capacity increase request from 0.9 MGD to 1.2 MGD completed. Design for ultimate capacity increase to 2.0 MGD 90% complete. Includes new mechanical bar screen, additional clarifier, and inclusion of de-chlorination equipment.



SECTION A-A
1/4" = 1'-0"

DATE	DESCRIPTION

SKIT San Antonio, TX
 CONSULTING ENGINEERS
 10000 N. LOOP WEST, SUITE 1000
 HOUSTON, TEXAS 77037
 PHONE: 281.485.1100
 FAX: 281.485.1101
 WWW.SKIT.COM

Professional Engineer
 License No. 10000
 State of Texas
 Date of Issue: 01/15/2010
 Expiration Date: 01/15/2015



RICHMOND
 EST. TEXAS 1837

A Chemical Plant. A Safer Future.

SCHNEIDER ELECTRIC
 HEADWORKS FACILITY

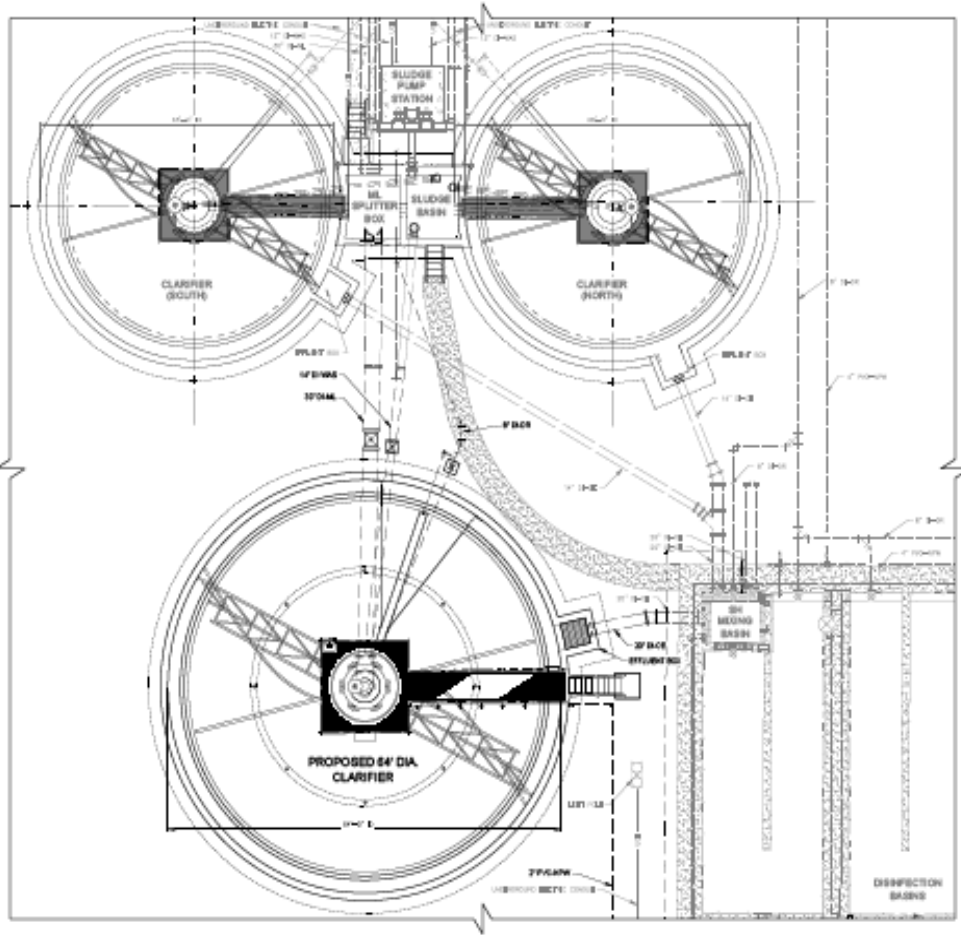
HEADWORKS FACILITY
 IMPROVEMENTS SECTION A

DATE	DESCRIPTION

DATE	DESCRIPTION	DATE	DESCRIPTION



10/15/2014 11:57 AM E:\Projects\14-0015\14-0015.dwg 14-0015-01-01.dwg 14-0015-01-01.dwg 14-0015-01-01.dwg



SKIT
 SOUTHERN KANSAS INSTITUTE OF TECHNOLOGY
 1400 W. 10TH AVENUE
 LAWRENCE, KS 66044
 785.843.4100

ENGINEERING & ARCHITECTURE
 1400 W. 10TH AVENUE
 LAWRENCE, KS 66044
 785.843.4100


RICHMOND
 EST. TEXAS 1837
 A Changing Past. A Sparking Future.

10/15/2014 11:57 AM
 E:\Projects\14-0015\14-0015.dwg
 14-0015-01-01.dwg
 14-0015-01-01.dwg

SOUTH KANSAS INSTITUTE OF TECHNOLOGY LAWRENCE, KANSAS			
CLARIFIERS FACILITY EXPANSION PLAN			
DATE: 10/15/2014	TIME: 11:57 AM	USER: JG	HEET: 9
DRAWN BY: JG	CHECKED BY: JG	PROJECT: 14-0015	OF 12
SHEET NO: 9 PROJECT NO: 14-0015			

10/15/2014 11:57 AM E:\Projects\14-0015\14-0015.dwg 14-0015-01-01.dwg 14-0015-01-01.dwg 14-0015-01-01.dwg

Utilities

Winston Water Plant Motor Control Replacement

CIP- WA2201

Construction Estimate - \$70,000

Project Engineers – Odyssey Engineering

Status – Project bid and contractor waiting for delivery of equipment. Completion estimated to be May 2023

Utilities

Edgar Well Rehabilitation

CIP – WA2202

Construction Estimate - \$250,000

Project Engineer – Sanders Engineering

Status – Project has been designed, will bid project during winter of 23, FY24 budget submittal

Utilities

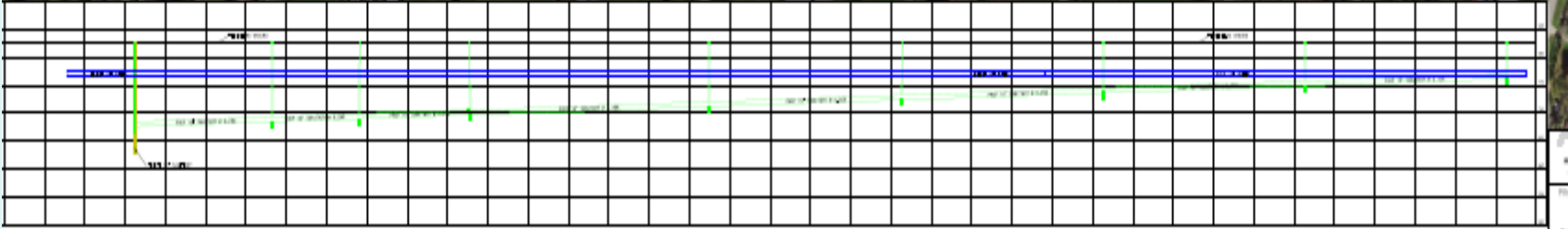
HWY 90 Development (Mandola Commercial)

CIP – WW2203

Construction Estimate – \$1.6 million dollars

Project Engineer – LAN Engineering

**Status- Engineering Proposal approved by City
Commission in February 23**



Utilities

Regional Wastewater Plant Re-Use expansion

CIP – WW2201

Construction Estimate - \$2.2 million dollars

Project Engineer – Kimley Horn Engineering

**Status – Under Design, estimate bidding in
Summer 23**



Utilities

Utility Master Plan and Rate Analysis Update

CIP – WA2303

Project Estimate - \$280,000

Project Engineer – KIT Professionals

**Status – updating GIS and
Population/Development estimates**

Utilities

**Supervisory Control and Data Acquisition (SCADA)
upgrade**

CIP – WW₂₃₀₃

Project Estimate - \$180,000

Project Contractor – Prime Controls

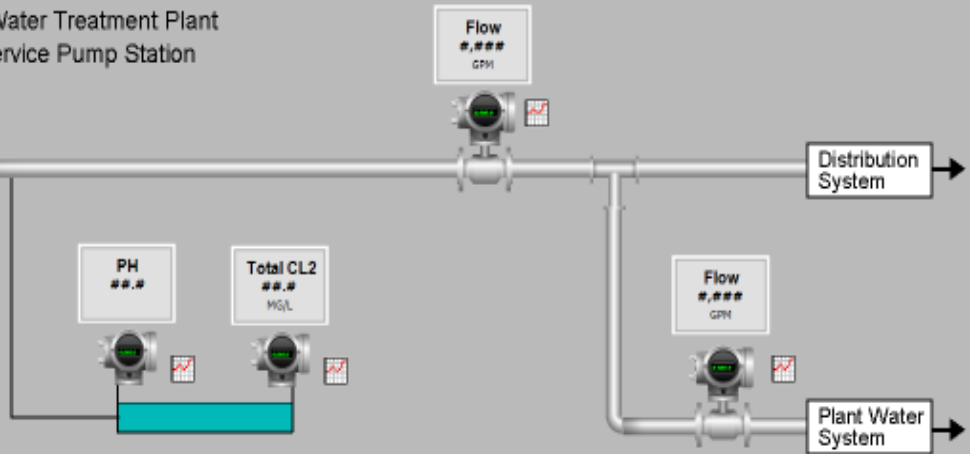
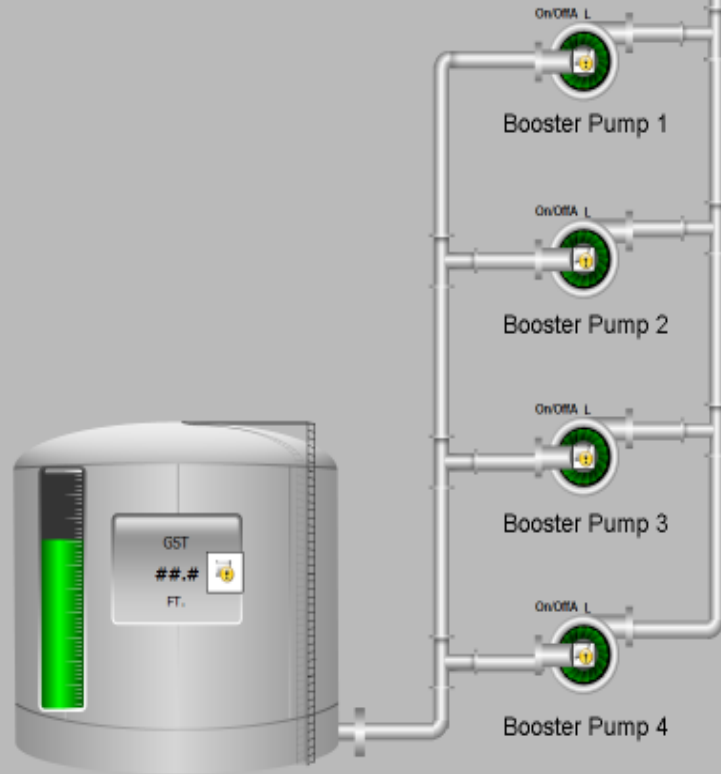
Status – Contract awarded in March 23

City of Richmond TX
Surface Water Treatment Plant
High Service Pump Station

TimeDate

00.0 HT Level Stpt
00.0 HT Press Stpt

Booster Setpoints



Low System Pressure
High System Pressure
High Level Alarm



0.00 HT1 Press
0.00 HT1 Level

SW Overview	RW Reservoir	RWPS	Flocculation	Well Pump	HSPS	Thickener	Solid Handling	CL02 System	Water Recovery	Sodium Perm.	04/18/2017 05:36:45 PM	UNACK	Alarm1
NaOH System	Citric Acid/SBS	PALL System	ACH System	NaOCl System 1	NaOCl System 2	LAS System	RF Pumps	Network	GW Overview	Alarms	04/18/2017 05:36:45 PM	UNACK	Alarm2
											04/18/2017 05:36:45 PM	UNACK	Alarm3
											04/18/2017 02:36:42 PM	UNACK	Alarm4

Utilities

Surface Water Plant (minor) Expansion

CIP – TBD

Project Estimate: \$120,000

Project Engineer: EHT

Description: Project would include adding additional filtration modules to existing racks to allow for increase of 200,000 gallons/day production. Will require approval from filtration manufacturer and TCEQ. Project will be included in FY 24 budget.

Utilities

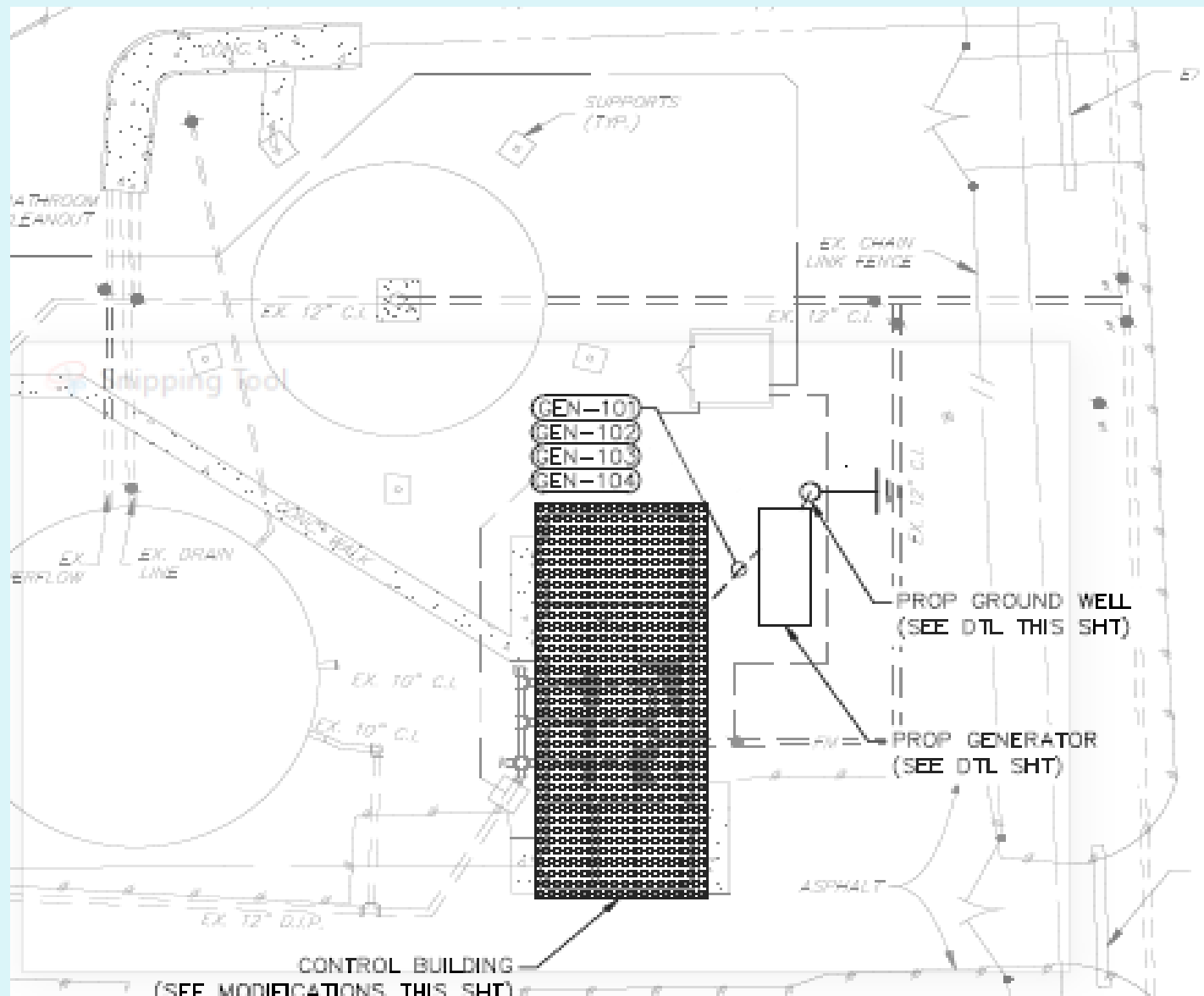
Ransom Road Generator

CIP – WA2305

Construction Estimate - \$60,000

Project Engineer – Baird, Gillroy and Dixon

Status – Project bid date January 23. Project includes installing new generator (purchased separately) and new electrical service for water plant



Projects - Other

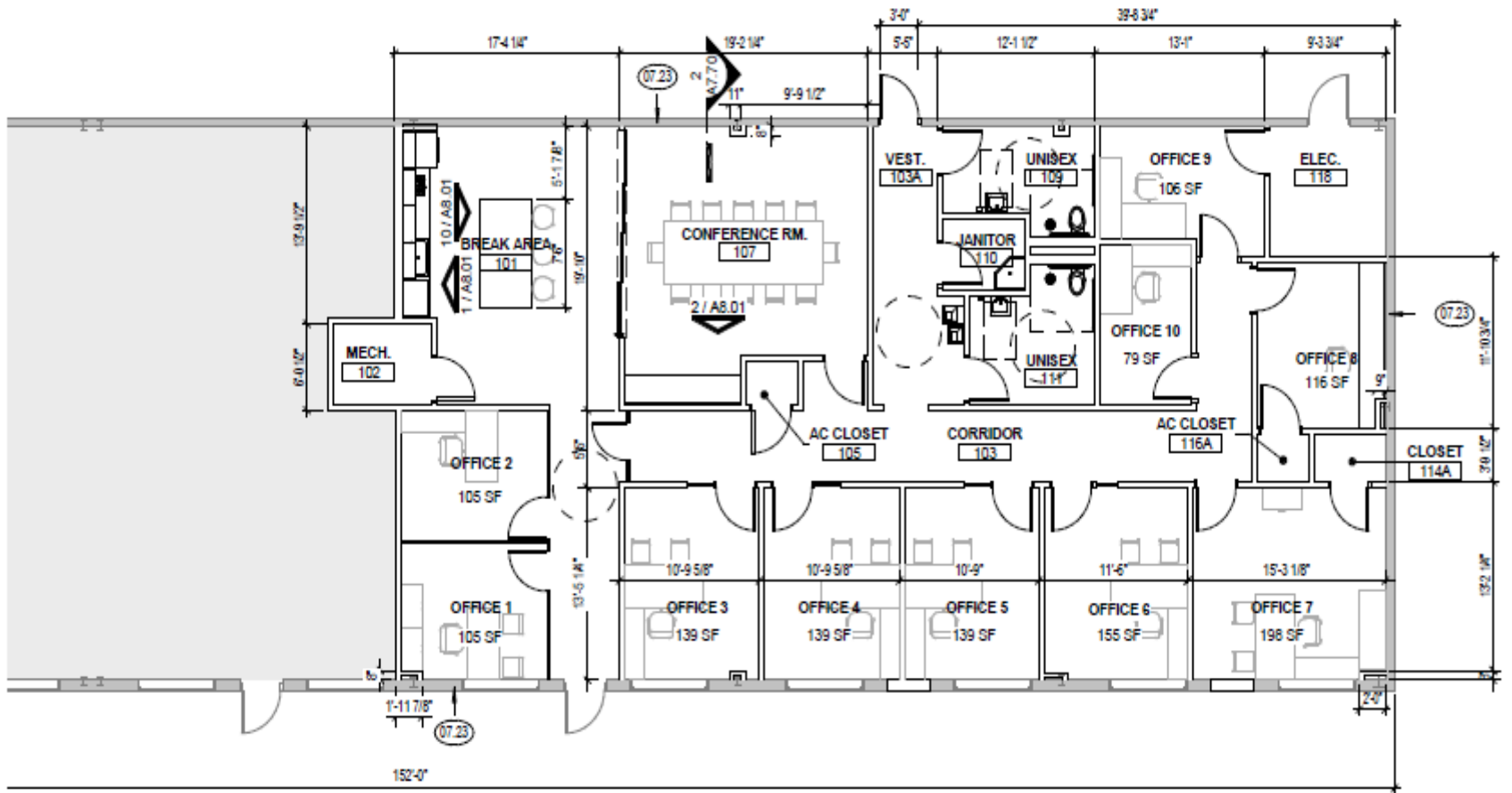
Myrtle Street Renovation

CIP- MU2205

Construction Estimate - \$750,000

Project Architect – PGAL and Associates

**Status – To Commission for award of
construction project in April 23**



Projects – Other

Street Department Facility Renovation

Construction Estimate: \$75,000

Project Architect: \$ PGAL and Associates

Status: Under Design

Project Description: Provide for new restroom facilities and some minor interior upgrades

Projects Other

City Hall Generator and Electrical Upgrade

Construction Estimate:\$100,000

Engineer: Baird, Gillroy, and Dixon

Status: Under design

Projects – Other

Morton Street Parking with Communal Dumpster

Construction Estimate: \$130,000

Engineer: Odyssey Engineering

Status: Under Design

Total for Capital Projects in Richmond

Grants and Subsidies - \$41,000,000

Cost to Construct - \$62,000,000

Engineering Firms - 15

Roughly every \$3 dollars of capital cost spent,
\$2 dollars are subsidized



Questions?



City of Richmond

Where History Meets Opportunity

Special Scheduled City Commission Meeting

600 Morton Street

Richmond, Texas 77469

Thursday, April 13, 2023, at 4:00 P.M.

- A4. Update on Fort Bend County Mobility Projects – 2023 Bonds.

Mayors,

Fort Bend County is planning a 2023 Mobility Bond referendum in November. Past mobility programs have included partnerships to improve mobility within many Cities. If you are interested in participating with this year's program, please submit your proposed projects to our office by Friday, April 28th. These projects may include roadway or intersection improvements, traffic signals, technology upgrades, or anything related to mobility.

Please use the attached spreadsheet to list your requested projects. Be sure to list the projects beginning with the highest priority first. If you have previously submitted your projects to a Precinct office or in another format to Engineering, we request that you make this submission using the spreadsheet to ensure alignment.

Upon completion, the spreadsheet can be emailed to me and Ike Akinwande (Ike.Akinwande@fortbendcountytx.gov). Feel free to contact me if you have any questions or require additional information.

Thanks,

J. Stacy Slawinski, P.E.

Fort Bend County Engineer

stacy.slawinski@fortbendcountytx.gov

281-633-7508 office

**CITY REQUEST FOR
2023 FORT BEND COUNTY MOBILITY BOND CONSIDERATION**

PRIORITY	PROJECT NAME	EXTENTS		CITY	LENGTH (ft)	SCOPE/DESCRIPTION	PROJECT ESTIMATED COST	FBC PRECINCT #
		FROM	TO					
1								
2								
3								
4								

TOTAL \$0



City of Richmond

Where History Meets Opportunity

Special Scheduled City Commission Meeting

600 Morton Street

Richmond, Texas 77469

Thursday, April 13, 2023, at 4:00 P.M.

A5. Adjournment.