

STATE OF TEXAS §
 §
 COUNTY OF FORT BEND §

**SECOND AMENDMENT TO AGREEMENT FOR
PROFESSIONAL ENGINEERING SERVICES**

THIS SECOND AMENDMENT, is made and entered into by and between Fort Bend County (hereinafter "County"), a body corporate and politic under the laws of the State of Texas, and Zarinkelk Engineering Services, Inc. (hereinafter "Contractor"), a company authorized to conduct business in the State of Texas.

WHEREAS, the parties executed and accepted that certain Agreement for Professional Engineering Services on June 12, 2018 under the 2017 Mobility Bond Program pursuant to SOQ 14-025, and as amended on or about October 21, 2020, collectively referred to as the "Agreement" and incorporated fully by reference for all purposes; and

WHEREAS, the parties desire to amend the Agreement to allow Contractor to provide additional Services under the Agreement, and to increase the Maximum Compensation amount.

NOW, THEREFORE, the parties do mutually agree as follows:

1. This Amendment is effective as of January 1, 2023, and shall terminate on December 31, 2028, unless sooner terminated in accordance with the Agreement. The Parties acknowledge and agree that services were and will be supported by good and valuable consideration during the Term of this Agreement, the sufficiency of which is acknowledged by the Parties.
2. County shall pay Contractor an additional amount not to exceed One Hundred Twenty-Nine Thousand Three Hundred Fifty Five and 00/100 Dollars (\$129,355.00) to perform the additional Services, as described in Contractor's proposal dated November 27, 2023, attached hereto as Exhibit "A-2" and incorporated herein for all purposes.
3. The Maximum Compensation payable to Contractor for all Services rendered is hereby increased to an amount not to exceed One Million Six Hundred Sixty-One Thousand Two Hundred Forty Nine and 00/100 Dollars (\$1,661,249.00), authorized as follows:
 - \$ 1,106,283.00 under the Agreement;
 - \$ 425,611.00 under the First Amendment; and
 - \$ 129,355.00 under this Second Amendment.

4. In no case shall the amount paid by County for all Services under the Agreement, the First Amendment, and this Second Amendment exceed the Maximum Compensation without an agreement executed by the parties.
5. BY ACCEPTANCE OF AGREEMENT, CONTRACTOR ACKNOWLEDGES THAT THE COUNTY IS OPPOSED TO HUMAN TRAFFICKING AND THAT NO COUNTY FUNDS WILL BE USED IN SUPPORT OF SERVICES OR ACTIVITIES THAT VIOLATE HUMAN TRAFFICKING LAWS.
6. Certain State Law Requirements for Contracts. The contents of this Section are required by Texas law and are included by County regardless of content For purposes of Sections 2252.152, 2271.002, and 2274.002, Texas Government Code, as amended, Contractor hereby verifies that Contractor and any parent company, wholly owned subsidiary, majority-owned subsidiary, and affiliate:
 - A. Unless affirmatively declared by the United States government to be excluded from its federal sanctions regime relating to Sudan or Iran or any federal sanctions regime relating to a foreign terrorist organization, is not identified on a list prepared and maintained by the Texas Comptroller of Public Accounts under Section 806.051, 807.051, or 2252.153 of the Texas Government Code.
 - B. If employing ten (10) or more full-time employees and this Agreement has a value of \$100,000.00 or more, Contractor does not boycott Israel and is authorized to agree in such contracts not to boycott Israel during the term of such contracts. "Boycott Israel" has the meaning provided in § 808.001 of the Texas Government Code.
 - C. If employing ten (10) or more full-time employees and this Agreement has a value of \$100,000.00 or more, Contractor does not boycott energy companies and is authorized to agree in such contracts not to boycott energy companies during the term of such contracts. "Boycott energy company" has the meaning provided in §809.001 of the Texas Government Code.
 - D. If employing ten (10) or more full-time employees and this Agreement has a value of \$100,000.00 or more, Contractor does not have a practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association and is authorized to agree in such contracts not to discriminate against a firearm entity or firearm trade association during the term of such contracts. "Discriminate against a firearm entity or firearm trade association" has the meaning provided in §2274.001(3) of

the Texas Government Code. "Firearm entity" and "firearm trade association" have the meanings provided in §2274.001(6) and (7) of the Texas Government Code.

7. Recitals. The recitals set forth above are incorporated herein by reference and made a part of the Agreement.
8. Except as provided herein, the parties agree that all terms and conditions of the Agreement shall remain unchanged.

(Execution Page Follows)

(Remainder of Page Intentionally Left Blank)

IN WITNESS WHEREOF, the parties hereto have signed or have caused their respective names to be signed to multiple counterparts to be effective on the date signed by the final party.

FORT BEND COUNTY

KP George
KP George, County Judge

4.9.2024
Date

ATTEST:

Laura Richard
Laura Richard, County Clerk

APPROVED:

J. Stacy Slawinski
J. Stacy Slawinski, P.E., County Engineer



ZARINKELK ENGINEERING SERVICES, INC.

Giti Zarinkelk
Authorized Agent – Signature

Giti Zarinkelk
Authorized Agent – Printed Name
President

Title

March 11, 2024
Date

AUDITOR'S CERTIFICATE

I hereby certify that funds are available in the amount of \$1,661,249.00 to accomplish and pay the obligation of Fort Bend County under this contract.

Robert Ed Sturdivant
Robert Ed Sturdivant, County Auditor

I:\AGREEMENTS\2024 Agreements\Engineering\Zarinkelk Engineering (18-Eng-500035-A2)\Amend 2 - Pro Eng Svcs.docx (DRP 2.16.24/LSL rev 3.7.24)

EXHIBIT A-2



617 Caroline St.
Houston, Texas 77002
Phone 832-242-2426
Fax 832-242-2445
www.zarinkelk.com

November 27, 2023

County Auditor
Fort Bend County – Precinct 3
301 Jackson
Richmond, TX 77469

Attn: Mark Dessens, P.E., Program Manager

Project: **Fulshear-Gaston Road from FM723 to FM 359**

The County has requested plan changes to accommodate planned development occurring along the roadway. These changes will require the following changes to be made to the plans:

- Add two driveways per developers plans approximate station 23+50.
- Revise drainage area maps to reflect developers plans on north side.
- Sidewalks and temporary swales Kitty Hawk West to Kitty Hawk East
- Delete east driveway station 48+00
- Add ramps and crosswalk to cross Fulshear Gaston.
- Add sidewalk from Elementary School Site to Reese Lake Drive.
- Add TCE's on the north side to accommodate sidewalk and swale.
- Change type of inlets on the north side.
- Check and revise as necessary storm inlet leads and storm sewer.
- Modify left turn lanes into driveways 4, 5 and 6 on sheet 41.
- Add note on sheet to contractor concerning fire station.
- Extend concrete to station 73+50. Adjust SW3P, demolition, traffic control, signage and striping and cross section sheets accordingly. Add/subtract detail sheets as needed.
Update the index and sheet numbers.
- Add a driveway at station 73+00.
- Adjust asphalt transition to allow construction tie in to concrete on the next phase. Make transition 3 lanes.
- Ensure radii on transition a minimum of 1,000 feet.
- Add note in Summary of Work Scope to relocate school signs.
- Add drop in trunk line at outfall to accommodate development to the north. Lower the line by 2' to sta 24+39.



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Houston, Texas 77002
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- Add drainage access easements for the culverts coming from the airport. Add ditch interceptors to tie into proposed box.
- Add driveway to church property.
- Additional survey to include updated topo, ROW and survey control, extend topo to Sprint Pond, 10 abstract reports, 9 drainage easement parcel exhibits with metes and bounds, 4 ROW parcel acquisitions with metes and bounds, set corners in the field, and recover and verify existing control for Phase I and Phase II.

The proposed fee for these changes is \$129,355.00. Enclosed is our level of effort for the above referenced project.

We appreciate the opportunity to work on this project. Please contact me if you have any questions.

Sincerely,

A handwritten signature in blue ink that reads "Giti Zarinkelk". The signature is fluid and cursive, with the first name "Giti" and last name "Zarinkelk" clearly distinguishable.

Giti Zarinkelk, P.E.

Encl: Level of Effort
Survey proposal

<p align="center">Fulshear-Gaston Road from FM 723 to FM 359 Fort Bend Mobility Bond 2017; Project Number 3-12</p>										
TASK DESCRIPTION	Principal	Project Manager	Senior Engineer	Sen. Hyd. Engineer or Structural Engineer	Design Engineer	Senior Designer/	CADD Operator Technician	QA/QC Review	Clerical	Total Labor Hours & Costs
DESIGN CHANGES										
Revising the plan and profiles (12 sheets)		24	80			120				224
Coordinate for proposed storm drain connections		8								8
Revise Driveway Summary Sheet			6			12				18
Revise Drainage Area Maps and Drainage Calculations Sheet		4	16			16				36
Revise Stationing on Typ Sections			2			4				6
Add additional ROW & TopoSheet for Extension Past Reese Lake Dr.			4			8				12
Revise TCP, Stripping and SW3P Plans for Revised Transition at 73+50		1	10			16				27
Necessary Detail Adjustments		0	2			8				10
HOURS SUB-TOTALS	0	37	120	0	0	184	0	0	0	341
LABOR RATE PER HOUR	\$105.00	\$85.00	\$65.00	\$65.00	\$50.00	\$50.00	\$35.00	\$85.00	\$25.00	
DIRECT LABOR COSTS	\$0.00	\$3,145.00	\$7,800.00	\$0.00	\$0.00	\$9,200.00	\$0.00	\$0.00	\$0.00	\$ 20,145.00
JOB MULTIPLIER	3	3	3	3	3	3	3	3	3	
TOTAL LABOR COSTS	\$0.00	\$9,435.00	\$23,400.00	\$0.00	\$0.00	\$27,600.00	\$0.00	\$0.00	\$0.00	\$ 60,435.00
TOTAL ITEM										\$ 60,435.00
SUB CONSULTANT SERVICES										
SURVEY										\$ 64,000.00
TOTAL ITEM										\$ 64,000.00
PROJECT MANAGEMENT										
OVERSIGHT HOURS SUB-TOTALS	0	8	18		0	0	0	0		26
LABOR RATE PER HOUR	\$85.00	\$70.00	\$60.00	\$50.00	\$35.00	\$40.00	\$33.00	\$60.00	\$20.00	
DIRECT LABOR COSTS	\$0.00	\$560.00	\$1,080.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$ 1,640.00
JOB MULTIPLIER	3	3	3	3	3	3	3	3	3	
TOTAL LABOR COSTS	\$0.00	\$1,680.00	\$3,240.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$ 4,920.00
TOTAL ITEM										\$ 4,920.00
PROJECT TOTALS										
ENGINEERING										\$ 60,435.00
SUB CONSULTANTS										\$ 64,000.00
PROJECT MANAGEMENT										\$ 4,920.00
TOTAL ALL SERVICES										\$ 129,355.00



Amani Engineering, Inc.

• Engineers • Surveyors • Construction Managers

November 27, 2023
Michael J. Bagstad, P. E.
Zarinkelk Engineering Services, Inc.
617 Caroline St.
Houston, Texas 77002

Re: Fee Proposal for Surveying Services – Fulshear-Gaston Road from FM 723 to FM 359 – Fort Bend County
2017 Mobility Projects, Parcel Acquisition related Surveying Services-Revision 2.

Dear Mr. Bagstad:

Amani Engineering, Inc. is pleased to submit this revised fee proposal for surveying services for the above referenced project. We propose the following scope of work, deliverables, schedule, fee and exclusions for our services.

I. SCOPE OF WORK – EXTEND SURVEY LIMITS

- Extend the topographic survey from Reese Lake intersection to station 73+50, approximately 350 LF. Update existing right-of-way sheets, topographic survey sheets and survey control.
- Extend the topographic survey from Fulshear-Gaston Road to Sprint Detention Basin at station 43+50, approximately 400 LF.

II. PARCEL ACQUISITION

- Obtain abstract reports for ten (10) parcels: R45119, R59880, R59874 R515439, R169388, R169240, R59925 and R198946, R300086, R155584.
- Review record documents and verify monumentation in the field.
- Prepare nine (9) drainage easement exhibits and associated metes and bounds descriptions.
- Prepare four (4) right of way parcel acquisition exhibits and associated metes and bounds descriptions conforming with TSPS Category 1A, Condition 2 standards.
- Set corners in the field.

III. RECOVER CONTROL

- Recover and verify existing control monumentation for Phase I.
- Recover and verify existing control monumentation for Phase II.

IV. SCHEDULE

Extended topographic survey, survey control, right-of-way and parcel acquisition to be completed twelve (12) weeks from the date of written authorization weather permitting.

V. FEE

The estimated fee for the above mentioned Scope of Work, including extending topographic survey, survey control map and right-of-way sheets is **\$64,000.00**. Below is a summary of the fee.

UPDATE TOPOGRAPHIC SURVEY STA. 70+00 TO 73+50	=	\$1,500.00
UPDATE EXISTING RIGHT-OF-WAY & SURVEY CONTROL STA. 70+00 to 73+50	=	\$2,000.00
EXTEND TOPOGRAPHIC SURVEY AT STA. 43+50, 400 LF TO SPRINT DETENTION BASIN	=	\$2,500.00
	Update Fee	<u>\$ 6,000.00</u>
ABSTRACT REPORTS (9<10 ac @\$500 ea., 1>10ac \$1000 ea.)	=	\$5,500.00
PARCEL EXHIBITS & ASSOCIATED METES AND BOUNDS (13@ \$3,000.00 ea)	=	\$39,000.00

Zarinkelk Engineering Services, Inc.

Fee Proposal for Surveying Services – Fulshear-Gaston Road from FM 723 to FM 359 – Fort Bend County

2017 Mobility Projects, Parcel Acquisition & Additional Surveying Services-Revision 2

November 27, 2023

Page 2 of 2

SET CORNERS FOR 13 PARCELS (13@\$500 ea.)	=	\$6,500.00
Parcel Acquisition Fee	\$	<u>51,000.00</u>
RECOVER AND VERIFY CONTROL PHASE I	=	\$3,500.00
RECOVER AND VERIFY CONTROL PHASE II	=	\$3,500.00
Control Verification Fee	\$	<u>7,000.00</u>
Total Fee	\$	<u>64,000.00</u>

VI. EXCLUSIONS

- Base profile drawing
- Subsurface utility engineering and locating
- Construction staking
- Updates to topographic survey between station 10+00 to 70+00.
- Updates to topographic survey Phase II.
- Updates to survey control map or right-of-way outside 350 LF limits mentioned above.
- Updated ROW to Category 1B, Condition 2 right-of way .

We appreciate this opportunity to propose on this project and look forward to working on the project. Please call Christina Weaver, RPLS at 713-270-5700 ext. 116 if you have any questions or need additional information concerning this proposal.

Yours sincerely,

For Amani Engineering, Inc.



Mahesh Dutta, P.E., CFM

Executive Vice President

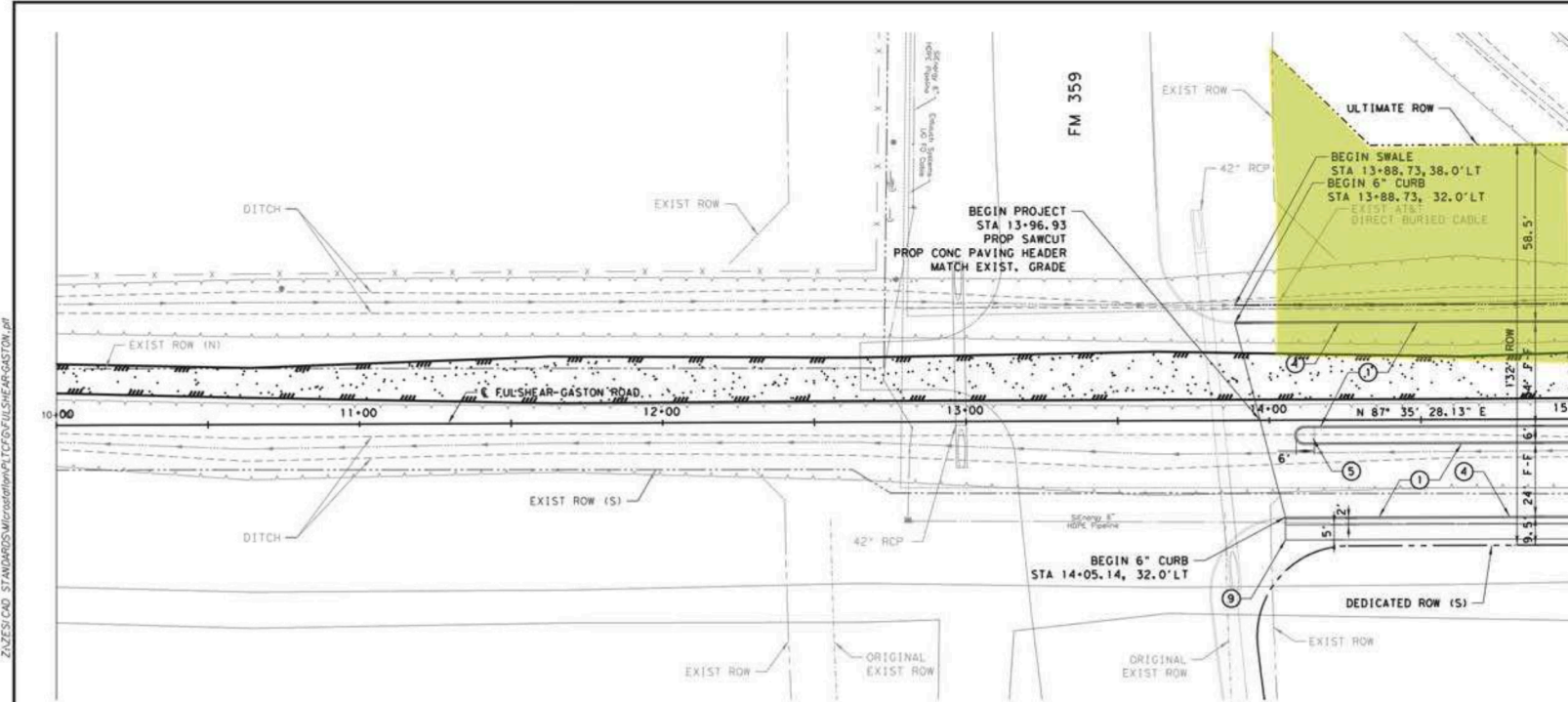
TBPE Firm Reg. No. F-4528

TBPLS Firm Reg. No. 100282-0

HPK: md:cw: wr

Encl.: 1) EXHIBIT A – Parcel Acquisition Location ,
2) Exhibit B Offsite Drainage easement locations

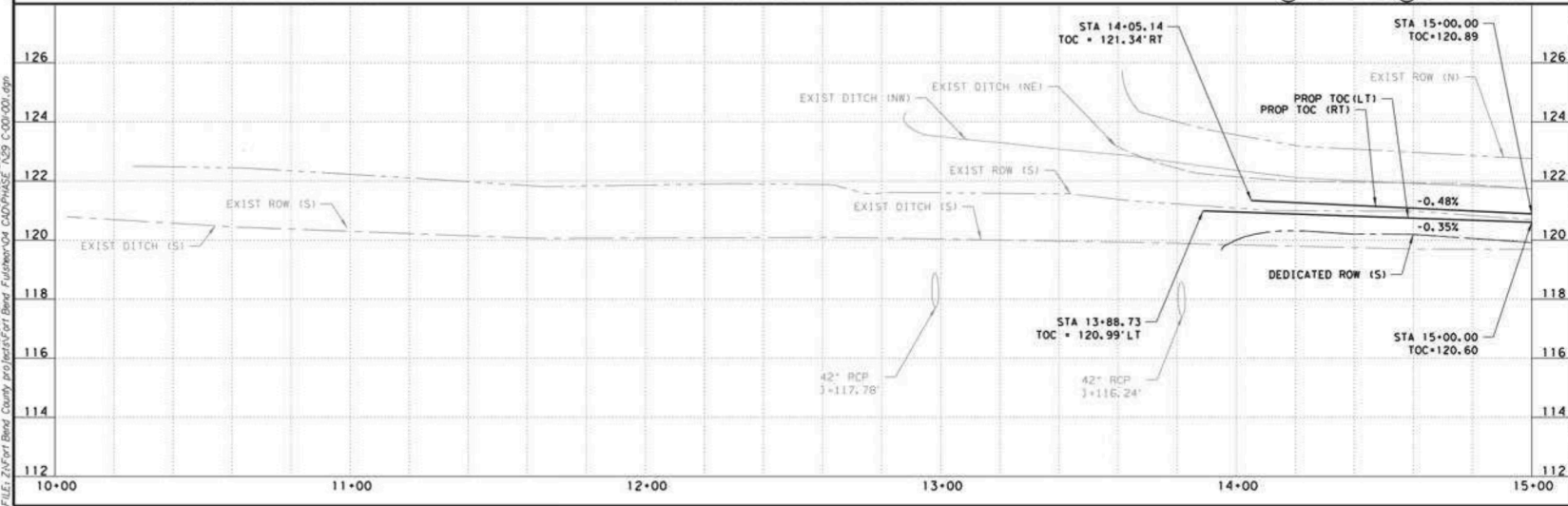
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James Gohort
Illegible
County project\Fort Bend\Fullshear-Gaston\09 C-001-000.dgn



10+00 11+00 12+00 13+00 14+00 15+00
MATCHLINE STA 15+00

- BENCHMARK:** FBC MONUMENT 100, BRONZ DISK IN CONCRETE LOCATED APPROXIMATELY 240 FT WESTSIDE OF INTERSECTION PARKMAN GROVE DR AND DELROSE CROSSING DR ELEV. 122.67 (NAVD 88).
- NOTES:**
- 1 PROPOSED 8 INCH REINFORCED CONCRETE PAVEMENT WITH 6 INCH CURB OVER 8 INCH SUBGRADE.
 - 2 PROPOSED ASPHALT TRANSITION PAVEMENT.
 - 3 PROPOSED STORM INLET TYPE C2
 - 4 PROPOSED 6 INCH CONC. CURB
 - 5 PROP CONCRETE MEDIAN NOSE.
 - 6 PROPOSED SWALE @ 0.1%
 - 7 PROPOSED STM INLET MODIFIED TYPE C2 WITH RIPRAP TO ROW LIMITS.
 - 8 P.U.C POTENTIAL UTILITY CONFLICT.
 - 9 PROPOSED 5' SIDEWALK.
 - 10 ADJUST EXIST MANHOLE TO PROP GRADE.
 - 11 PROP 79 LF STM LATERAL-24" PIPE.
 - 12 PROP STM SWR MH ON TOP OF EXIST RCB WITH TYPE C INLET.
 - 13 CONTRACTOR SHALL USE CARE TO MAKE OPENING IN WALL OF RCB. OPENING SHALL NOT BE MORE THAN 3" NOR LESS THAN 1" GREATER IN OUTSIDE DIAMETER OF THE PROPOSED PIPE. PROPOSED PIPE SHALL NOT PROTRUDE MORE THAN 3" PAST THE INSIDE FACE OF RCB WALL. FILL ENTIRE VOID AROUND PIPE WITH NON-SHRINK WATER PROOF GROUT. BACKFILL EXCAVATION AROUND RCB WITH C-SAND.
 - 14 PROP TYPE '7' RAMP
 - 15 PROP TYPE '10' RAMP
 - 16 PROP TYPE '3' RAMP
 - 17 PROP SWALE INTERCEPTOR
 - 18 PROP TYPE '2' RAMP
- 0 10 20 40 80
SCALE: 1"=40'-H

F-F = ROAD DIMENSIONS ARE FACE TO FACE
POLYPROPYLENE PIPE AS AN ALTERNATIVE TO RCP
(A) TO BE REMOVED (B) REMAIN IN PLACE



NO.	DATE	REVISION	APPROVED

THESE DOCUMENTS ARE FOR INTERIM REVIEW AND NOT FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.
RESPONSIBLE ENGINEER:
ZARINKEL ENGINEERING SERVICES, INC.
TBP# FIRM REGISTRATION NO. E-4270
(E.L. RICE MOORE), P.E.
TEXAS REGISTRATION NO. 1666591
10/13/2023

FORT BEND COUNTY

Zarinkelk
Engineering Services, Inc.
617 CAROLINE ST
HOUSTON, TEXAS 77003
PH: 832.242.2436
FAX: 832.242.2445
Firm Reg. # F-094270

**FULSHEAR-GASTON ROAD
PLAN & PROFILE**

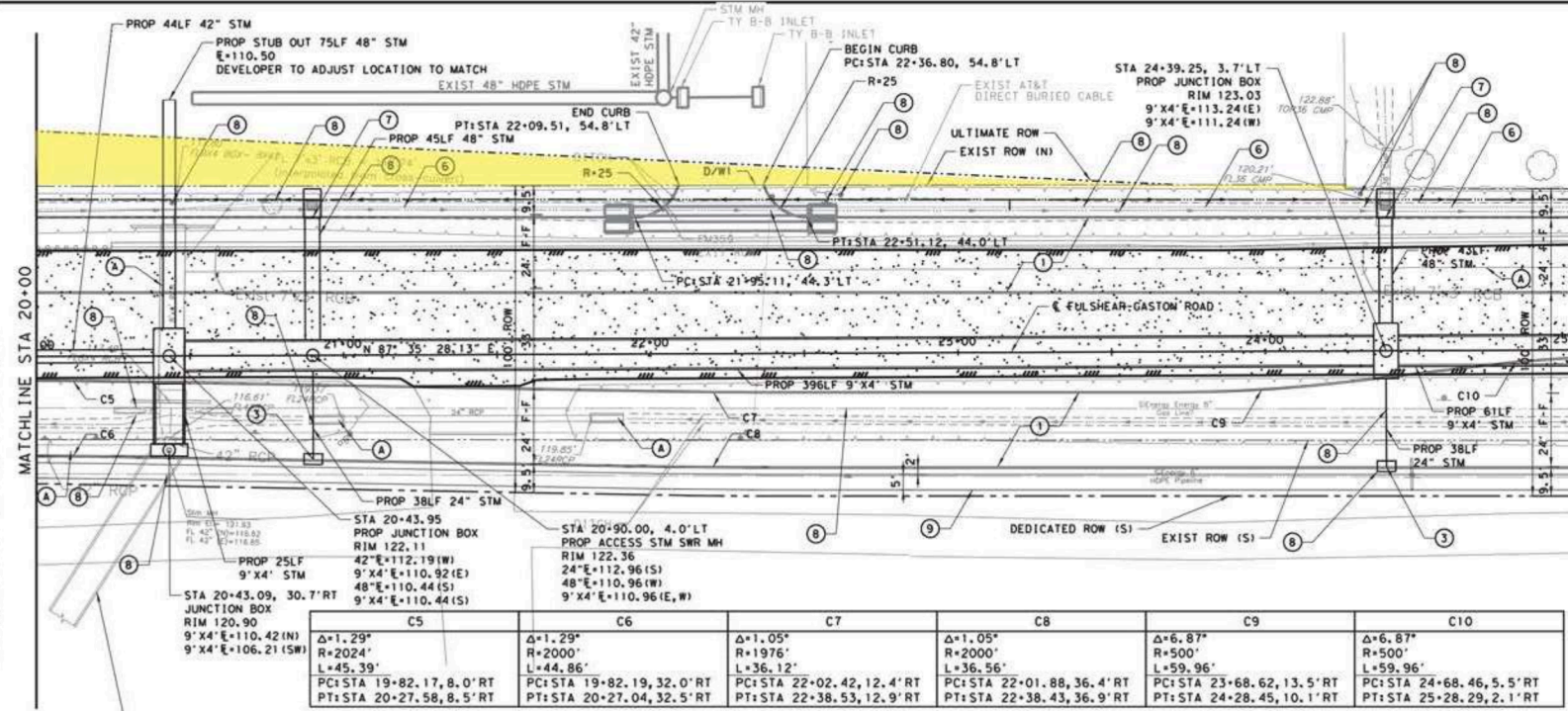
BEGIN PROJECT TO STA 15+00

SHEET 1 OF 14

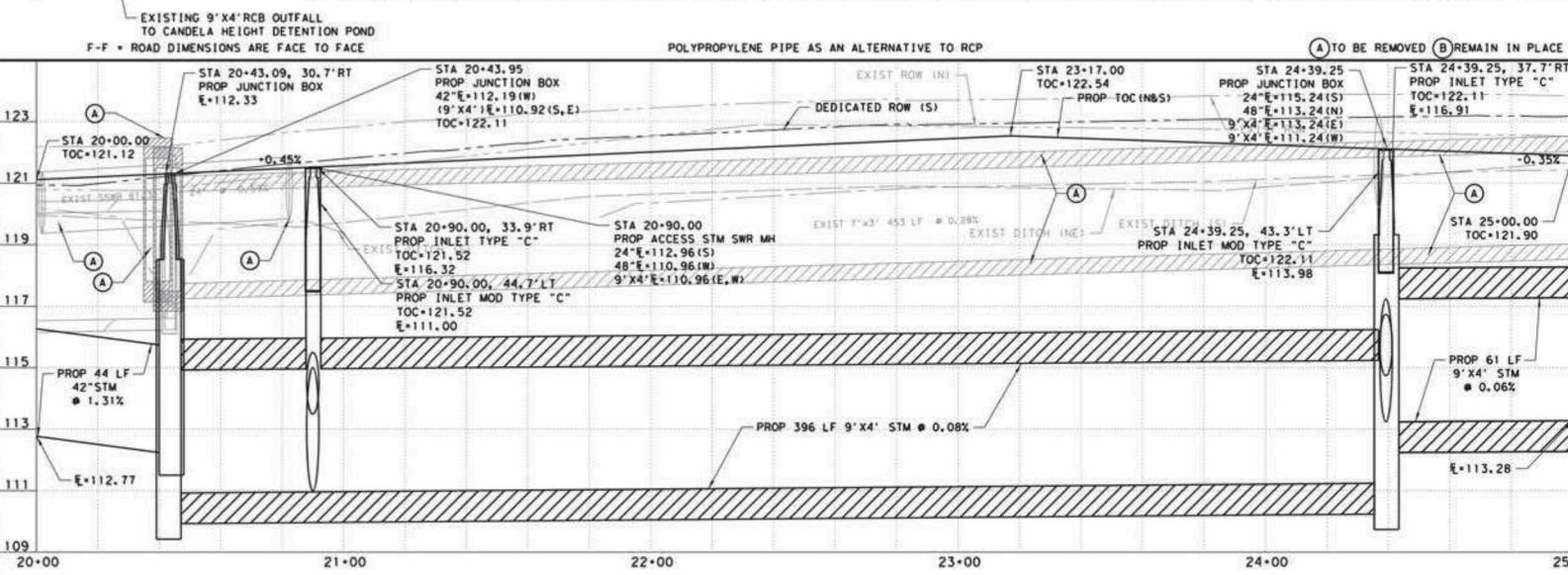
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DESIGNED: JC	VERT SCALE:
CHECKED: PK	DATE: 10/13/2023
APPROVED: GZ	SHEET NO: 29
CONTRACT:	SECTION

Z:\NFES\CAD STANDARDS\Microstation\DWG\FULSHEAR-GASTON.dwg

DATE: 10/13/2023
FILE: Z:\Fort Bend County\projects\Fort Bend\Phase 04 CAD\Phase 03\CON-003.dgn
JAMES GOLBY



C5	C6	C7	C8	C9	C10
$\Delta=1.29'$ $R=2024'$ $L=45.39'$ PC: STA 19+82.17, 8.0' RT PT: STA 20+27.58, 8.5' RT	$\Delta=1.29'$ $R=2000'$ $L=44.86'$ PC: STA 19+82.19, 32.0' RT PT: STA 20+27.04, 32.5' RT	$\Delta=1.05'$ $R=1976'$ $L=36.12'$ PC: STA 22+02.42, 12.4' RT PT: STA 22+38.53, 12.9' RT	$\Delta=1.05'$ $R=2000'$ $L=36.56'$ PC: STA 22+01.88, 36.4' RT PT: STA 22+38.43, 36.9' RT	$\Delta=6.87'$ $R=500'$ $L=59.96'$ PC: STA 23+68.62, 13.5' RT PT: STA 24+28.45, 10.1' RT	$\Delta=6.87'$ $R=500'$ $L=59.96'$ PC: STA 24+68.46, 5.5' RT PT: STA 25+28.29, 2.1' RT



- BENCHMARK:** FBC MONUMENT 100, BRONZ DISK IN CONCRETE LOCATED APPROXIMATELY 240 FT WESTSIDE OF INTERSECTION PARKMAN GROVE DR AND DELROSE CROSSING DR ELEV. 122.67 (NAVD 88).
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 - P.U.C. POTENTIAL UTILITY CONFLICT.
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SCALE: 1"=40'-H

NO.	DATE	REVISION	APPROVED
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RESPONSIBLE ENGINEER:
ZARINKEL ENGINEERING SERVICES, INC.
TYPE FIRM REGISTRATION NO. F-4270
(E.L. RICE MOORE), P.E.
TEXAS REGISTRATION NO. 1666591
10/13/2023

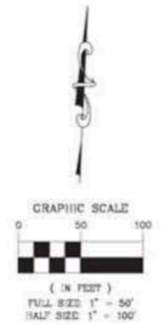
FORT BEND COUNTY

Zarinkelk
Engineering Services, Inc.
617 CAROLINE ST
HOUSTON, TEXAS 77002
PH: 282.242.2436
FAX: 282.242.2445
Form Reg. # F-094210

**FULSHEAR-GASTON ROAD
PLAN & PROFILE**

STA 20+00 TO STA 25+00
SHEET 3 OF 14

DRAWN: JC	HORIZ SCALE: 1"=40'
DESIGNED: JC	VERT SCALE:
CHECKED: PK	DATE: 10/13/2023
APPROVED: GZ	SHEET NO: 31
CONTRACT:	SECTION

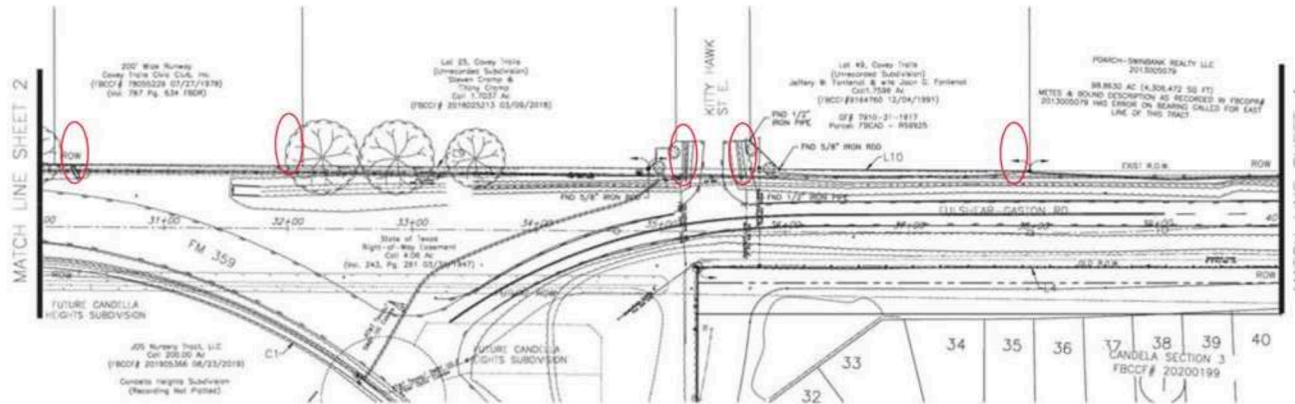


(EJV) = 122.67 (NAVD-88).

DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL
Pipeline Grading Veld	*	Urban Sprinkler Valve	*
Pipeline Marker	II	Urban Sprinkler Head	*
Gas Line Sign	☐	Reducer	▶
Gas Meter	*	Insulator Joint	△
Gas Valve	⌋	SMV Manhole	⊠
Gas Light Pole	II	Telephone Color Sign	*
Gas Test Lead	*	Telephone Pedestal Box	*
Hard Light	*	SAI Box	⊞
Street Light	II	Iron Rod	*
Service Pipe Elm. (Water Pipe)	*	Iron Pipe	○
Power Pole	*	City of Houston Manhole	⊠
Power Pole w/Light	*	Gas Tree - Utility Tree, Etc. - (Line scaled per field survey data.)	*
Power Pole w/Conduit	● ■	Power Tree, Pylon Tree, Cable, Etc. - (Line scaled per field survey data.)	*
Guy Anchor	⊖	Crape Myrtle Tree	*
H.L.P. Manhole	⊠	Shrub and/or Bush	⊞
Electrical Junction Box	*	Monitoring Well	*
Electrical Transformer	⊠	Water Sign	*
Sanitary Manhole	●	Soil Boring Location	⊞
Clean Out	*	Pool	⊞
Storm Manhole	●	Mail Box	⊞
Drain Inlet	⊞	Flag Pole	⊞
'W' Inlet	⊞	Pay Phone	⊞
'W' Inlet	⊞	Traffic Signal Box	⊞
'C' Inlet	⊞	Traffic Crosswalk Signal Pole	⊞
'C' Inlet	⊞	Traffic Signal Pole	⊞
Exit Fire Hydrant	⊞	Traffic Signal Pole w/Light	⊞
Water Meter	*	Traffic Sign	⊞
Water Issue	*	Cable TV	⊞

PROJECT NO.	
FORT BEND COUNTY PM	
DATE	SHEET NO.
08-02-22	14

Drainage Easement Locations



NOTE:
ADDITIONAL DESIGN BASELINES AND MONUMENTATION
ARE SHOWN ON SURVEY CONTROL MAP SHEETS.

THIS IS APPARENT RIGHT OF WAY. THIS IS NOT A
BOUNDARY SURVEY.

HORIZONTAL:
ALL BEARINGS AND COORDINATES REFER TO THE
TEXAS COORDINATE SYSTEM, SOUTH CENTRAL ZONE,
NAD83 (2011) EPOCH 2010.

BENCH-MARK
FBC MONUMENT 100, BRONZE DISK IN CONCRETE, LOCATED
AT 240 FT (APPROXIMATELY) WEST S.E. OF INTERSECTION
PARKMAN GROVE DR. AND DELROSSI CROSSING DR.

ELIV. = 122.67 (NAVD-88)

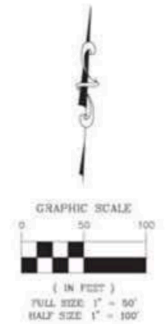
Line Table		
Line #	Length	Direction
L9	755.40'	N87°48'57.69"E
L10	307.06'	N87°45'04.82"E
L11	1993.71'	N87°23'55.89"E
L12	3347.09'	N87°24'26.07"E

Curve Table					
Curve #	Length	Radius	Delta	Chord Bearing	Chord Distance
C2	748.37'	480.90'	89°09'47"	S47°15'32"E	748.37'

DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL
Pipeline Crossing Ward	x	Open Signpost: Wood	x
Pipeline Marker	H	Open Signpost: Metal	x
Gas Line Sign	W	Reducer	W
Gas Meter	x	House Point	x
Gas Valve	W	Salt Monitors	x
Gas Light Pole	W	Telephone Cable Sign	x
Gas Test Lead	x	Telephone Pedestal Box	x
Tank Light	x	Salt Box	x
Street Light	W	Iron Rod	x
Service Pipe Ent. (Below Road)	x	Iron Pipe	x
Power Pole	x	City of Houston Monument	x
Power Pole w/Light	x	Gas Tap - Survey Tap (1/2")	x
Power Pole w/Conduit	x	Gas Tap - Survey Tap (1/2")	x
Gas Meter	x	Grass Mistle Tree	x
W.L.B.P. Marker	x	Burn and or Shrub	x
Electrical Junction Box	x	Monitoring Well	x
Electrical Transformer	x	Water Sign	x
Sanitary Manhole	x	Salt Spring Location	x
Clear Out	x	Post	x
Storm Manhole	x	Well Box	x
Drain Hole	x	Flag Pole	x
10' Well	x	Flag Phone	x
10" Well	x	Traffic Signal Box	x
12" Well	x	Traffic Crosswalk Signal Pole	x
12" Well	x	Traffic Signal Pole	x
Exit Fire Hydrant	x	Traffic Signal Pole w/Light	x
Water Meter	x	Traffic Sign	x
Water Valve	x	Cable TV	x

DESIGNED BY:	DRAWN BY: MP
CHECKED BY:	CHECKED BY: MM
AMANI ENGINEERING, INC. 8303 SOUTHWEST FREEDWAY SUITE 600 HOUSTON, TEXAS 77074 TEL: (713) 270-5700 TBP# REC. NO.: F-4528	
SURVEYED BY: AMANI FB NO.:	
FORT BEND COUNTY ENGINEERING DEPARTMENT	
FULSHEAR-GASTON RD. FROM FM 723 TO FM 359	
R.O.W. MAP	
SHEET 3 OF 6	
PROJECT NO.	SHEET NO.
FORT BEND COUNTY PM	15
DATE	
08-02-22	

J.R. FOSTER SURVEY, A-574



ELEV.=122.57 (NAVD-88)

AMANI ENGINEERING, INC.
8303 SOUTHWEST FREEWAY
SUITE 600
HOUSTON, TEXAS 77074
TEL: (713) 270-5700
TBE REG. NO.: F-4528

SHEET 5 OF 6

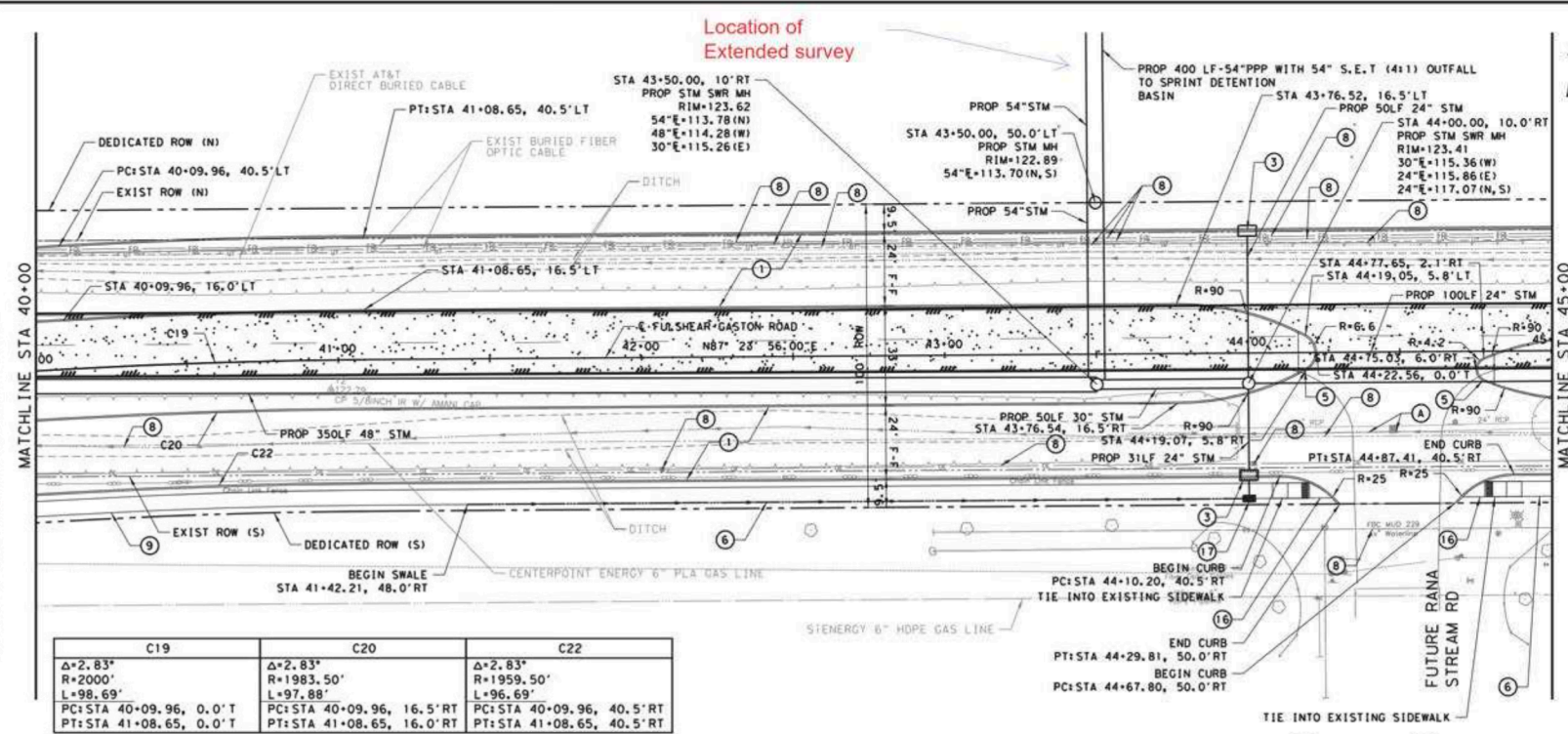
PROJECT NO.	
FORT BEND COUNTY PM	
DATE	SHEET NO.
08-02-22	12

Line Table		
Line #	Length	Direction
1.2	1993.71'	S87°23'55.89"W
1.3	10.00'	N02°43'30.00"W
1.4	1104.64'	N87°23'56.00"E
1.14	3347.09'	S87°24'26.07"W

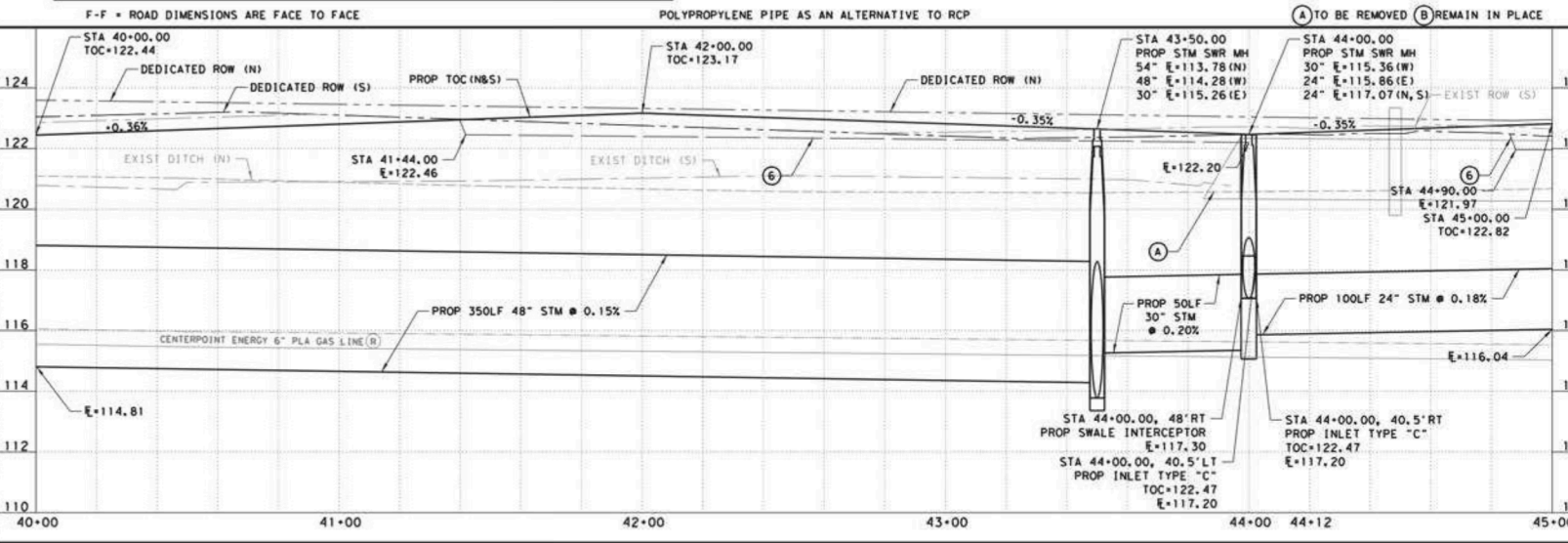
J. FOSTER SURVEY, A-26

DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL
Pipeline Coating Vent	+	Loam Sprinkler Valve	+
Pipeline Monitor		Loam Sprinkler Head	+
Gas Line Sign	□	Reducer	▶
Gas Meter	+	Traverse Point	△
Gas Valve	⌋	SMF Manhole	⊠
Gas Light Pole		Telephone Cable Sign	+
Gas Test Lead	+	Telephone Pedestal Box	+
Hard Light	+	SA Box	SB
Street Light		Iron Rod	●
Service Pole (See Meter Pole)		Iron Pipe	●
Power Pole	+	City of Invention Monument	⊙
Power Pole w/Light	⊕	Oak Tree - Below Tree, Etc. - (Size noted per field survey etc.)	⊙
Power Pole w/Conduit	● ■	Pine Tree, Elm Tree, Cedar, Etc. - (Size noted per field survey etc.)	⊙
Guy Anchor	+	Cape Myrtle Tree	⊙
H.B.P. Manhole	⊠	Bush and/or Shrub	⊙
Electrical Junction Box	+	Manhole Well	+
Electrical Transformer	⊠	Water Sign	+
Sanitary Manhole	⊠	Salt Spring Location	⊙
Open Out	+	Post	+
Storm Manhole	●	Mail Box	+
Grate Inlet	⊠	Frog Pole	⊙
"W" Inlet	⊠	Pay Phone	⊙
"W" Inlet	⊠	Traffic Signal Box	⊠
"T" Inlet	⊙	Traffic Crosswalk Signal Pole	⊕
"T" Inlet	⊙	Traffic Signal Pole	⊕
Exit Fire Hydrant	⊕	Traffic Signal Pole w/Light	⊕
Water Meter	+	Traffic Sign	⊠
Water Valve	+	Cable TV	⊠

DATE: 10/23/2023 8:46:09 AM
FILE: Z:\Fort Bend County\projects\Fort Bend\Fullshear-Gaston\N35_C001007.dgn James Galtrey
Z:\N35_CAD STANDARDS\Microstation\PLT\FULSHEAR-GASTON.plt



- BENCHMARK:** FBC MONUMENT 100, BRONZ DISK IN CONCRETE LOCATED APPROXIMATELY 240 FT WESTSIDE OF INTERSECTION PARKMAN GROVE DR AND DELROSE CROSSING DR ELEV. 122.67 (NAVD 88).
- NOTES:**
- PROPOSED 8 INCH REINFORCED CONCRETE PAVEMENT WITH 6 INCH CURB OVER 8 INCH SUBGRADE.
 - PROPOSED ASPHALT TRANSITION PAVEMENT.
 - PROPOSED STORM INLET TYPE C2
 - PROPOSED 6 INCH CONC. CURB
 - PROP CONCRETE MEDIAN NOSE.
 - PROPOSED SWALE @ 0.1%
 - PROPOSED STM INLET MODIFIED TYPE C2 WITH RIPRAP TO ROW LIMITS.
 - P.U.C POTENTIAL UTILITY CONFLICT.
 - PROPOSED 5' SIDEWALK.
 - ADJUST EXIST MANHOLE TO PROP GRADE.
 - PROP 79 LF STM LATERAL-24\"/>
- 0 10 20 40 80
SCALE: 1\"/>



NO.	DATE	REVISION	APPROVED
THESE DOCUMENTS ARE FOR INTERIM REVIEW AND NOT FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.			
RESPONSIBLE ENGINEER: ZARINKEL ENGINEERING SERVICES, INC. TYPE FIRM REGISTRATION NO. F-4270 (E.L. RICE MOORE), P.E. TEXAS REGISTRATION NO. 1666591 10/23/2023			
FORT BEND COUNTY			
Zarinkelk Engineering Services, Inc. 617 CAROLINE ST HOUSTON, TEXAS 77002 PH: 832.242.2436 FAX: 832.242.2445 Form Reg. # F-094210			
FULSHEAR-GASTON ROAD PLAN & PROFILE			
STA 40+00 TO STA 45+00			
SHEET 7 OF 14			
DRAWN: JC		HORIZ SCALE: 1\"/>	
DESIGNED: JC		VERT SCALE:	
CHECKED: PK		DATE: 10/23/2023	
APPROVED: GZ		SHEET NO: 35	
CONTRACT:		SECTION	

CERTIFICATE OF INTERESTED PARTIES

FORM 1295

1 of 1

Complete Nos. 1 - 4 and 6 if there are interested parties.
Complete Nos. 1, 2, 3, 5, and 6 if there are no interested parties.

OFFICE USE ONLY CERTIFICATION OF FILING

1 Name of business entity filing form, and the city, state and country of the business entity's place of business.

Zarinkelk Engineering Services, Inc.
Houston, TX United States

Certificate Number:
2024-1136008

Date Filed:
03/19/2024

Date Acknowledged:
04/09/2024

2 Name of governmental entity or state agency that is a party to the contract for which the form is being filed.

Fort Bend County

3 Provide the identification number used by the governmental entity or state agency to track or identify the contract, and provide a description of the services, goods, or other property to be provided under the contract.

SOQ 14-025
Engineering Services

4	Name of Interested Party	City, State, Country (place of business)	Nature of interest (check applicable)	
			Controlling	Intermediary

5 Check only if there is NO Interested Party.



6 UNSWORN DECLARATION

My name is _____, and my date of birth is _____.

My address is _____, _____, _____, _____, _____.
(street) (city) (state) (zip code) (country)

I declare under penalty of perjury that the foregoing is true and correct.

Executed in _____ County, State of _____, on the _____ day of _____, 20____.
(month) (year)

Signature of authorized agent of contracting business entity
(Declarant)