



CHARLES D. GOODEN CONSULTING ENGINEERS, INC.

PO 181378
DMS
REC 570357
2320 Holmes Road, Suite A
Houston, Texas 77051-1014
(713) 660-6905 Fax (713) 660-8817
cdgce@goodenengineers.com
www.goodenengineers.com

March 5, 2021

J. Stacy Slawinski, P.E. – County Engineer
Fort Bend County, Texas
301 Jackson Street
Richmond, TX 77469

RE: Invoice 2019510-10
Fort Bend County Mobility Program Project 17206
Precinct 2 Sidewalk Safety Program
Purchase Order No. 181378
Period of Performance: February 1, 2021 – February 28, 2021

Mr. Slawinski:

It is my pleasure to submit this invoice package for review and payment. Our progress on this project is as follows:

Progress for the Current Period – February 1, 2021 – February 28, 2021

1. Pay Estimate No. 1 for RJ&M was closed on February 5, 2021 and received final approval in Masterworks on February 22, 2021. The estimate was scheduled for the March 1, 2021 Commissioner's Court agenda.
2. The existing ramps at the Boys and Girls Club (Southwest corner of the intersection of Addicks Clodine and Riverside Grove Drive) were removed and reconstructed per Fort Bend County's request. The new ramps in that location do not channel pedestrian traffic across Addicks Clodine.
3. Precinct Two (2) leadership requested that new sidewalk be constructed along Riverside Grove Drive. This segment of sidewalk will run east/west along Riverside Grove Drive from 125' East of Ashlawn Drive to 112' West of Grand Knolls Drive. Ramps, crosswalks, and pedestrian signs are part of the scope. CDGCE began development of exhibits for this new segment of sidewalk. Quantities for this work shall be added to Change Order No. 1.
4. RJ&M began clearing for the proposed sidewalk along Riverside Grove Drive.
5. RJ&M is expected to submit an RFI requesting the addition of five (5) days to its contract duration due to extreme weather during the week of February 15, 2021.
6. Significant progress was made on Exhibits for Scanlin Road and 5th Street.
7. Terracon Consultants, Inc. performed site visits for concrete sampling and compaction throughout the month as detailed in their attached invoice.
8. SES Horizon Consulting Engineers, Inc. (SES) provided daily inspection in the field. SES continues to produce daily work reports in Masterworks.

Anticipated Progress for the Next Period – March 1, 2021 – March 31, 2021

- CDGCE will complete and submit Change Order No. 1
- Exhibits for the proposed sidewalk along Quail Glen Drive will be submitted to City of Houston Interagency Group for review and approval.
- RJ&M will continue construction along Riverside Grove Drive.
- RJ&M will mobilize to Scanlin Road.

Consultant invoices provided as backup:

Consultant	Invoice Number	Date	Amount
SES Horizon	SES2021-101 FBC SSP	02/26/2021	\$10,290.00
Terracon	TE84520	03/04/2021	\$3,035.75

Do not hesitate to contact our office should you need further information related to this invoice.

Sincerely,

Charles D. Gooden Consulting Engineers, Incorporated
Texas Board of Professional Engineers Firm 4176



Charles D. Gooden, Jr.
Chief Operating Officer

Enclosures:

1. CDGCE Invoice 2019510-10
2. Time & Materials Detail
3. Staff Timesheet Report
4. Consultant Invoices as Above

Bill to:
Fort Bend County Engineering Department
ATTN: J. Stacy Slawinski, P.E. - County Engineer
301 Jackson Street
Richmond, TX 77469

Invoice #: 2019510-10 | Date: March 5, 2021
Project: Precinct 2 Sidewalk Safety Program
Owner: Fort Bend County
Purchase Order No: 181378 (Contract Signed 23-Jul-2019)
Fort Bend County Project No: 17206
Program Manager: RPS Group - Gabriel Odreman, P.E., PMP
Period of Service: February 1, 2021 - February 28, 2021
Total Budget: \$500,000.00

Phase	Proposal Amount	Reallocation	Current Budget Amount	Percent Complete to Date	Total to Date	Previously Invoiced	Amount Due
100 - Bidding and Contractor Selection	\$ 26,566.00	\$ 5,000.00	\$ 31,566.00	100.0%	\$ 31,566.00	\$ 31,566.00	\$ -
200 - Project Identification and Scoping	\$ 43,920.00	\$ (5,000.00)	\$ 38,920.00	80.4%	\$ 31,287.00	\$ 23,857.00	\$ 7,430.00
300 - Construction Management	\$ 183,330.00		\$ 183,330.00	5.0%	\$ 9,187.50	\$ 3,712.50	\$ 5,475.00
400 - Construction Inspection	\$ 128,940.00		\$ 128,940.00	13.5%	\$ 17,430.00	\$ 7,140.00	\$ 10,290.00
500 - Document Control & Administrative Support	\$ 26,100.00		\$ 26,100.00	5.2%	\$ 1,350.00	\$ 1,350.00	\$ -
Geotech/Testing	\$ 60,000.00		\$ 60,000.00	9.0%	\$ 5,414.14	\$ 2,378.39	\$ 3,035.75
Survey	\$ 27,440.00		\$ 27,440.00	18.4%	\$ 5,050.48	\$ 5,050.48	\$ -
Reimbursables	\$ 3,704.00		\$ 3,704.00	3.7%	\$ 136.00	\$ 136.00	\$ -
Totals	\$ 500,000.00		\$ 500,000.00	20.28%	\$ 101,421.12	\$ 75,190.37	\$ 26,230.75

Total Amount Due This Invoice \$ 26,230.75

Budget Reallocation Notes

1. Reallocate \$5,000 from Phase 200 to Phase 100 - 19-Nov-2019

Budget Summary	
Total Budget	\$ 500,000.00
Total Invoiced To Date	\$ 101,421.12
Percent Budget Remaining	79.72%
Budget Remaining	\$ 398,578.88

I certify that the services represented by this invoice are true and correct and have been rendered in accordance with the terms of this contract.

Charles D. Gooden, Jr.
Chief Operating Officer



CHARLES
D. GOODEN
CONSULTING
ENGINEERS, INC.

2320 Holmes Road, Suite A
Houston, TX 77051
Phone: (713) 660-6905

Time & Materials Detail - Invoice 2019510-10

March 5, 2021

CDGCE Services - Phase 200 - Project Identification and Scoping

Name - Billing Rate Title	Contract Billing Rate	Number of Hours	Amount Due
Chiaghanam, Alex - Project Engineer	\$ 130.00	7.00	\$ 910.00
Gooden, Jr., Charles D. - Clerical	\$ 90.00	4.00	\$ 360.00
Mostofa, Golam - Project Engineer	\$ 130.00	10.00	\$ 1,300.00
Salahin, Musfiques - Civil Designer	\$ 90.00	54.00	\$ 4,860.00
Subtotal CDGCE Services - Phase 200		75.00	\$ 7,430.00

CDGCE Services - Phase 300 - Construction Management

Name - Billing Rate Title	Contract Billing Rate	Number of Hours	Amount Due
Gooden, Jr., Charles D. - Construction Manager	\$ 150.00	23.50	\$ 3,525.00
Mostofa, Golam - Project Engineer	\$ 130.00	15.00	\$ 1,950.00
Subtotal CDGCE Services - Phase 300		38.50	\$ 5,475.00

Subtotal CDGCE Services 113.50 \$ 12,905.00

Consultant Services - Phase 400 - Construction Inspection

SES Horizon Consulting Engineers
Invoice No. SES2021-101 FBC SSP
Invoice Date: February 26, 2021

Subtotal Phase 400 - Construction Insepction \$ 10,290.00

Construction Materials Testing

Terracon Consultants, Inc.
Invoice No. TE84520
Invoice Date March 4, 2021

Subtotal Construction Materials Testing \$ 3,035.75

TOTAL AMOUNT DUE INVOICE NO. 2019510-10 \$ 26,230.75

Charles D. Gooden Consulting Engineers, Inc.

Precinct 2 Sidewalk Safety Program - Staff Timesheet Report 02/01/2021 - 02/28/2021

Summary for Budget Item 17206-Phase 200 - Project Identification and Scoping					
Staff Member	Budget Item	Date	Hours		Notes
			Total	Billable	
Alexander Chiaghanam	17206-Phase 200 - Project Identification and Scoping	02/17/21	2.00	2.00	Review and Management
Alexander Chiaghanam	17206-Phase 200 - Project Identification and Scoping	02/22/21	1.00	1.00	Review and Management
Alexander Chiaghanam	17206-Phase 200 - Project Identification and Scoping	02/25/21	2.00	2.00	Review and Management
Alexander Chiaghanam	17206-Phase 200 - Project Identification and Scoping	02/26/21	2.00	2.00	Review and Management
Alexander Chiaghanam			7.00	7.00	
Charles Gooden, Jr.	17206-Phase 200 - Project Identification and Scoping	02/25/21	2.00	2.00	Riverstone Grove
Charles Gooden, Jr.	17206-Phase 200 - Project Identification and Scoping	02/26/21	2.00	2.00	Trammel Fresno
Charles Gooden, Jr.			4.00	4.00	
Golam Mostofa	17206-Phase 200 - Project Identification and Scoping	02/11/21	3.00	3.00	Riverside Grove/Addicks Clodine
Golam Mostofa	17206-Phase 200 - Project Identification and Scoping	02/12/21	1.00	1.00	Addicks Clodine/Riverside
Golam Mostofa	17206-Phase 200 - Project Identification and Scoping	02/26/21	6.00	6.00	Doc review. Addicks Clodine / Riverside Grove
Golam Mostofa			10.00	10.00	
Musfiques Salahin	17206-Phase 200 - Project Identification and Scoping	02/03/21	4.00	4.00	Riverside Grove Sidewalk - Drawings
Musfiques Salahin	17206-Phase 200 - Project Identification and Scoping	02/04/21	5.00	5.00	Riverside Grove Sidewalk - Drawings
Musfiques Salahin	17206-Phase 200 - Project Identification and Scoping	02/05/21	4.00	4.00	Riverside Grove Sidewalk - Drawings
Musfiques Salahin	17206-Phase 200 - Project Identification and Scoping	02/11/21	5.00	5.00	Scanlin Road Drawings
Musfiques Salahin	17206-Phase 200 - Project Identification and Scoping	02/12/21	3.00	3.00	Scanlin Road drawings
Musfiques Salahin	17206-Phase 200 - Project Identification and Scoping	02/22/21	6.00	6.00	5th Street Sidewalk Drawings
Musfiques Salahin	17206-Phase 200 - Project Identification and Scoping	02/23/21	5.00	5.00	Scanlin Road Drawings
Musfiques Salahin	17206-Phase 200 - Project Identification and Scoping	02/24/21	6.00	6.00	Riverside Grove Sidewalk Drawings
Musfiques Salahin	17206-Phase 200 - Project Identification and Scoping	02/25/21	8.00	8.00	Riverside Grove Sidewalk Drawings
Musfiques Salahin	17206-Phase 200 - Project Identification and Scoping	02/26/21	8.00	8.00	Riverside Grove Sidewalk Drawings
Musfiques Salahin			54.00	54.00	
17206-Phase 200 - Project Identification and Scoping			75.00	75.00	

Charles D. Gooden Consulting Engineers, Inc.

Precinct 2 Sidewalk Safety Program - Staff Timesheet Report 02/01/2021 - 02/28/2021

Staff Member	Budget Item	Date	Hours		Notes
			Total	Billable	
Summary for Budget Item 17206-Phase 300 - Construction Management					
Staff Member	Budget Item	Date	Total	Billable	Notes
Golam Mostofa	17206-Phase 300 - Construction Management	02/05/21	4.00	4.00	Document Review. Site Visit
Golam Mostofa	17206-Phase 300 - Construction Management	02/08/21	4.00	4.00	Riverside Grove/Addicks Clodine
Golam Mostofa	17206-Phase 300 - Construction Management	02/09/21	4.00	4.00	Riverside Grove/Addicks Clodine
Golam Mostofa	17206-Phase 300 - Construction Management	02/10/21	3.00	3.00	Riverside Grove/Addicks Clodine
Golam Mostofa			15.00	15.00	
Charles Gooden, Jr.	17206-Phase 300 - Construction Management	02/01/21	3.00	3.00	Coordination re: E/W segment on Addicks Clodine.
Charles Gooden, Jr.	17206-Phase 300 - Construction Management	02/02/21	1.00	1.00	
Charles Gooden, Jr.	17206-Phase 300 - Construction Management	02/03/21	2.00	2.00	Masterworks and Coord with SES on daily progress reports and quantities. Follow update on Addicks Clodine E/W Segment.
Charles Gooden, Jr.	17206-Phase 300 - Construction Management	02/04/21	5.00	5.00	Site visit to Addicks Clodine. Discuss new east/west sidewalk. Review pay estimate; send corrections to SES.
Charles Gooden, Jr.	17206-Phase 300 - Construction Management	02/05/21	3.00	3.00	Coordination and site visit on Riverstone Grove Drive segment. Final review of progress reports and pay estimate.
Charles Gooden, Jr.	17206-Phase 300 - Construction Management	02/08/21	1.50	1.50	Pay Estimate No. 1
Charles Gooden, Jr.	17206-Phase 300 - Construction Management	02/09/21	1.00	1.00	Pay Estimate No. 1
Charles Gooden, Jr.	17206-Phase 300 - Construction Management	02/10/21	5.00	5.00	Coordination with B. Wempe w/Pape Dawson, MUD Engineer for N. Mission Glen MUD. Research easements and ROW on Riverside Glen Drive. Finalize pay app 01 for RJ&M.
Charles Gooden, Jr.	17206-Phase 300 - Construction Management	02/24/21	2.00	2.00	Coordination re: Concrete Trucks rejected for slump issues.
Charles Gooden, Jr.			23.50	23.50	
17206-Phase 300 - Construction Management			38.50	38.50	
			113.50	113.50	

I hereby certify these hours as true and correct

Charles D. Gooden, Jr.
Chief Operating Officer



Charles D. Gooden Consulting Engineers, Inc.
 2320 Holmes Road
 Suite A
 Houston, Texas 77051
 Attention: Charles D. Gooden Jr.

Date: 02-26-2021

Invoice # SES2021-101 FBC SSP

Project: Fort Bend County Precinct 2 Sidewalk Safety Program – Project No. 17206
 Description: Professional Engineering Services And Construction Management/Inspection Services
 This Invoice Covers Work Performed: January 30, 2021 To February 26,2021

	<u>Amount Earned</u>	<u>Previously Invoiced</u>	<u>Amount Invoiced To Date</u>	<u>Amount Paid To Date</u>	<u>Due</u>
Professional Services Fee	\$17,430.00	\$7,140.00	\$17,430.00	\$00.00	\$10,290.00

Team Member Names (Refer To Attached Time Sheet/Report Summary)

Labor Category Title	Hours	Hourly Rate	Total
Eduardo Rodriguez Construction Inspector	98.00	\$105	\$10,290.00
TOTAL DUE FOR THIS INVOICE			<u>\$10,290.00</u>

I certify this invoice to be true and correct.

Epifanio E. Salazar, Jr., P.E.
 Principal

Remit Invoice Payment To:
SES Horizon Consulting Engineers, Inc.
 10101 Southwest Freeway
 Suite 400
 Houston, Texas 77074

TIME SHEET



WEEK ENDING FEBRUARY 5, 2021

NAME: EDUARDO RODRIGUEZ

JOB No. FBC SSW

No.	REGULAR /STRAIGHT TIME HOURS							TOTAL HOURS	JOB DESCRIPTION	CATEGORY	OVERTIME HOURS							TOTAL HOURS
	SUN	MON	TUE	WED	THU	FRI	SAT				SUN	MON	TUE	WED	THU	FRI	SAT	
1									PRINCIPAL	1								
2									PROJECT MANAGER	1								
3									SENIOR CIVIL ENGINEER	2								
4									CIVIL ENGINEER	2								
7									CADD OPERATOR	3								
8									ADMINISTRATIVE ASSISTANT	4								
9		6.0	6.0	6.0	7.0	7.0		32.0	CONSTRUCTION INSPECTOR	3								
10																		
11																		
12																		
H									HOLIDAY		CATEGORY 1. Management 3. Technical 2. Engineering 4. Administrative							
V									VACATION									
S									SICK LEAVE									
LWOP									LEAVE W/O PAY									
TOTALS								32.0		32.0								
										32.0								
										0.0								
										32.0								

SIGNED Eduardo Rodriguez

32.0

TOTAL HOURS (BILLABLE)

APPROVED

EE

TIME SHEET



WEEK ENDING **FEBRUARY 12, 2021**

NAME: **EDUARDO RODRIGUEZ**

JOB No. **FBC SSW**

No.	REGULAR /STRAIGHT TIME HOURS							TOTAL HOURS	JOB DESCRIPTION	CATEGORY	OVERTIME HOURS							TOTAL HOURS
	SUN	MON	TUE	WED	THU	FRI	SAT				SUN	MON	TUE	WED	THU	FRI	SAT	
1									PRINCIPAL	1								
2									PROJECT MANAGER	1								
3									SENIOR CIVIL ENGINEER	2								
4									CIVIL ENGINEER	2								
7									CADD OPERATOR	3								
8									ADMINISTRATIVE ASSISTANT	4								
9		6.0	7.0	6.0	6.0	7.0		32.0	CONSTRUCTION INSPECTOR	3								
10																		
11																		
12																		
H									HOLIDAY		CATEGORY 1. Management 3. Technical 2. Engineering 4. Administrative							
V									VACATION									
S									SICK LEAVE									
LWOP									LEAVE W/O PAY									
TOTALS								32.0		32.0								

32.0	TOTAL REGULAR HOURS (BILLABLE)
0.0	TOTAL OVERTIME HOURS (BILLABLE)
32.0	TOTAL HOURS (BILLABLE)

SIGNED *Eduardo Rodriguez*

APPROVED *EE*

TIME SHEET



WEEK ENDING FEBRUARY 19, 2021

NAME: EDUARDO RODRIGUEZ

JOB No. FBC SSW

No.	REGULAR /STRAIGHT TIME HOURS							TOTAL HOURS	JOB DESCRIPTION	CATEGORY	OVERTIME HOURS							TOTAL HOURS
	SUN	MON	TUE	WED	THU	FRI	SAT				SUN	MON	TUE	WED	THU	FRI	SAT	
1									PRINCIPAL	1								
2									PROJECT MANAGER	1								
3									SENIOR CIVIL ENGINEER	2								
4									CIVIL ENGINEER	2								
7									CADD OPERATOR	3								
8									ADMINISTRATIVE ASSISTANT	4								
9		0.0	0.0	0.0	0.0	2.0		2.0	CONSTRUCTION INSPECTOR	3								
10																		
11																		
12																		
H									HOLIDAY		CATEGORY 1. Management 3. Technical 2. Engineering 4. Administrative							
V									VACATION									
S									SICK LEAVE									
LWOP									LEAVE W/O PAY									
TOTALS								2.0		2.0								
										0.0								
										2.0								

SIGNED Eduardo Rodriguez

2.0

TOTAL HOURS (BILLABLE)

APPROVED EE

TIME SHEET



WEEK ENDING **FEBRUARY 26, 2021**

NAME: **EDUARDO RODRIGUEZ**

JOB No. **FBC SSW**

No.	REGULAR /STRAIGHT TIME HOURS							TOTAL HOURS	JOB DESCRIPTION	CATEGORY	OVERTIME HOURS							TOTAL HOURS
	SUN	MON	TUE	WED	THU	FRI	SAT				SUN	MON	TUE	WED	THU	FRI	SAT	
1									PRINCIPAL	1								
2									PROJECT MANAGER	1								
3									SENIOR CIVIL ENGINEER	2								
4									CIVIL ENGINEER	2								
7									CADD OPERATOR	3								
8									ADMINISTRATIVE ASSISTANT	4								
9		6.0	6.0	7.0	7.0	6.0		32.0	CONSTRUCTION INSPECTOR	3								
10																		
11																		
12																		
H									HOLIDAY		CATEGORY 1. Management 3. Technical 2. Engineering 4. Administrative							
V									VACATION									
S									SICK LEAVE									
LWOP									LEAVE W/O PAY									
TOTALS								32.0		32.0								

32.0	TOTAL REGULAR HOURS (BILLABLE)
0.0	TOTAL OVERTIME HOURS (BILLABLE)
32.0	TOTAL HOURS (BILLABLE)

SIGNED *Eduardo Rodriguez*

APPROVED *ER*



INVOICE

11555 Clay Rd, Ste 100
Houston, TX 77043-1239
713-690-8989

Project Mgr: Austin Posey

Project: FBC Precinct 2 Sidewalks
5th St and Louisiana St
Missouri City, TX

To: Charles D Gooden Consulting Eng
Attn: Charles Gooden
2320 Holmes Road, Suite A
Houston, TX 77051

REMIT TO:
Invoice Number: TE84520
Terracon Consultants, Inc.
PO Box 959673
St Louis, MO 63195-9673

Project Number:	92201638
Contract Amount:	\$6,617.00
Billed to Date:	\$5,414.14
Invoice Date:	3/04/2021
Services Through:	2/28/2021

Date	Report	Description of Services	Quantity	Rate	Total
TASK: Cast-In-Place Concrete					
2/9/21	92201638.0009	Engineering Technician, per hour	4.50	\$65.00	\$292.50
2/9/21	92201638.0009	Vehicle Charge, per day	1.00	\$125.00	\$125.00
2/9/21	92201638.0009	Compressive Strength of 6"x12" Concrete Cylinder, each	4.00	\$23.00	\$92.00
2/10/21	92201638.0009A	Engineering Technician, per hour	0.75	\$65.00	\$48.75
2/10/21	92201638.0009A	Vehicle Charge, per 1/2 day	1.00	\$85.00	\$85.00
2/24/21	92201638.0010	Engineering Technician, per hour - OT	0.50	\$97.50	\$48.75
2/24/21	92201638.0010	Engineering Technician, per hour	3.50	\$65.00	\$227.50
2/24/21	92201638.0010	Vehicle Charge, per 1/2 day	1.00	\$85.00	\$85.00
2/24/21	92201638.0011	Engineering Technician, per hour	4.00	\$65.00	\$260.00
2/24/21	92201638.0011	Vehicle Charge, per 1/2 day	1.00	\$85.00	\$85.00
				Task Total	\$1,349.50
TASK: Earthwork					
2/3/21	92201638.0007	Engineering Technician, per hour - OT	0.50	\$97.50	\$48.75
2/3/21	92201638.0007	Engineering Technician, per hour	3.50	\$65.00	\$227.50
2/3/21	92201638.0007	Vehicle Charge, per 1/2 day	1.00	\$85.00	\$85.00
2/3/21	92201638.0007	Nuclear Density Gauge, per day	1.00	\$85.00	\$85.00
2/26/21	92201638.0012	Engineering Technician, per hour	4.00	\$65.00	\$260.00
2/26/21	92201638.0012	Vehicle Charge, per 1/2 day	1.00	\$85.00	\$85.00
2/26/21	92201638.0012	Nuclear Density Gauge, per day	1.00	\$85.00	\$85.00
				Task Total	\$876.25
TASK: Project Management					
2/28/21	Billing Period	Project Manager, per hour	4.75	\$150.00	\$712.50
2/28/21	Billing Period	Administration, per hour	1.50	\$65.00	\$97.50

TERMS: DUE UPON PRESENTATION OF INVOICE



INVOICE

Invoice No.: TE84520
 Project No.: 92201638
 Project: FBC Precinct 2 Sidewalks
 5th St and Louisiana St
 Missouri City, TX

Project Mgr: Austin Posey

Date	Report	Description of Services	Quantity	Rate	Total
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Continued

Task Total \$810.00

Invoice Total \$3,035.75

Statement of Account	
Contract Amount	\$6,617.00
Amount Previously Billed	\$2,378.39
Total Due this Invoice	\$3,035.75
Total Billed	\$5,414.14
Payments to Date	\$0.00
Total Due	\$5,414.14

CONCRETE COMPRESSIVE STRENGTH TEST REPORT

Terracon
11555 Clay Rd, Ste 100
Houston, TX 77043-1239
713-690-8989 Reg No: F-3272

Report Number: 92201638.0009
Service Date: 02/09/21
Report Date: 02/09/21
Task: Cast-In-Place Concrete

Client

Charles D Gooden Consulting Eng
Attn: Charles Gooden
2320 Holmes Road, Suite A
Houston, TX 77051

Project

FBC Precinct 2 Sidewalks
5th St and Louisiana St
Missouri City, TX

Project Number: 92201638

Material Information

Specified Strength: 3,500 psi @ 28 days
Mix ID: 3505
Supplier: Texas Concrete
Batch Time: 1319 Plant: Homestead Rd.
Truck No.: 001 Ticket No.: 226251

Sample Information

Sample Date: 02/09/21 Sample Time: 1409
Sampled By: Luis Perez
Weather Conditions: CLEAR
Accumulative Yards: 10 Batch Size (cy): 10
Placement Method: Direct Discharge
Water Added Before (gal): 0
Water Added After (gal): 0
Sample Location: Sidewalk from Addicks Clodine Rd. to Riverside Grove Dr. (See attached)
Placement Location: Sidewalk from Addicks Clodine Rd. to Riverside Grove Dr. (See attached)

Field Test Data

Test	Result	Specification
Slump (in):	5	3 - 5
Air Content (%):	2.0 *	4 - 6
Concrete Temp. (F):	69	Max 95
Ambient Temp. (F):	71	

Plastic Unit Wt. (pcf):

Yield (Cu. Yds.):

* = Field Test Results do not meet project specifications.

Laboratory Test Data

Set No.	Specimen ID	Avg Diam. (in)	Area (sq in)	Date Received	Date Tested	Age at Test (days)	Maximum Load (lbs)	Compressive Strength (psi)	Fracture Type	Tested By
1	A				02/16/21	7				
1	B				03/09/21	28				
1	C				03/09/21	28				
1	D				04/06/21	56				

Initial Cure: Outside

Final Cure: Moist Room

Comments: Not tested for plastic unit weight.

Air Content Deviation was Reported to EJ Rodriguez with Fort Bend County.

Samples Made By: Terracon

Services: Obtain samples of fresh concrete at the placement locations in accordance with Terracon QMS 2.2-1 and WP 30-001.
Perform tests in accordance with test methods as noted on this report.

Terracon Rep.: Luis Perez

Start/Stop: 1200-1630

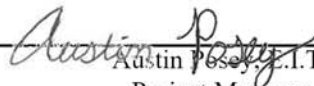
Reported To: EJ Rodriguez Wiith Fort Bend County

Contractor:

Report Distribution:

See attached distribution list.

Reviewed By:


Austin Perez, I.T.
Project Manager

Test Methods: ASTM C39, ASTM C143, ASTM C173, ASTM C231, ASTM C1064, ASTM C1231, ASTM C31 (EXP. 10.1.2)

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

SAMPLE PICK-UP REPORT

Report Number: 92201638.0009A
Service Date: 02/10/21
Report Date: 03/05/21
Task: Cast-In-Place Concrete



11555 Clay Rd, Ste 100
Houston, TX 77043-1239
713-690-8989 Reg No: F-3272

Client

Charles D Gooden Consulting Eng
Attn: Charles Gooden
2320 Holmes Road, Suite A
Houston, TX 77051

Project

FBC Precinct 2 Sidewalks
5th St and Louisiana St
Missouri City, TX

Project Number: 92201638

On February 10, 2021, a Terracon representative was present at the above referenced project to obtain one set of four concrete cylinders cast on February 09, 2021. The samples were returned to the laboratory for processing and proper curing as specified.

Services: Pick up of material sample as requested and/or required by the project specifications.

Terracon Rep.: Walter Ebarb

Start/Stop: 0330-0415

Reported To:


Contractor:

Report Distribution:

(1) Charles D Gooden Consulting Eng,
douglas@goodenengineers.com
(1) RJ&M Utility Construction LLC,
jrangel@rjandmconstruction.com
(1) SES Horizon Consulting Engineers,
Inc. eduardo.rodriguez@seshorizon.com

(1) Charles D Gooden Consulting Eng,
alex@goodenengineers.com
(1) RJ&M Utility Construction LLC,
miguelrangel0303@gmail.com
(1) SES Horizon Consulting Engineers,
Inc. epi.salazar@seshorizon.com

Reviewed By:


Austin Posy, E.I.T.
Project Manager

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

REINFORCING STEEL OBSERVATIONS REPORT



Report Number: 92201638.0010
Service Date: 02/24/21
Report Date: 03/05/21 Revision 1 -
Task: Cast-In-Place Concrete

11555 Clay Rd, Ste 100
Houston, TX 77043-1239
713-690-8989 Reg No: F-3272

Client

Charles D Gooden Consulting Eng
Attn: Charles Gooden
2320 Holmes Road, Suite A
Houston, TX 77051

Project

FBC Precinct 2 Sidewalks
5th St and Louisiana St
Missouri City, TX

Project Number: 92201638

Services Requested By: Jose Rangel w/ RJ&M
Contractor: RJ&M
Construction Type: Cast-in-place Concrete
Observation Location(s): West sidewalk and ramp on Riverside Grove Drive. & Addicks-Clodine Drive
Summary: Based on our observations, the reinforcing steel placement at the above-referenced locations appeared to be in general accordance with the project drawings identified below. Results were reported to EJ Rodriguez w/ Fort Bend at the completion of today's activities.
Referenced Drawing(s): D1 detail 1A and #1 9/3/2020

Services: Traveled to the project site to provide testing/observation services as requested.


Terracon Rep.: Marshall Golding
Reported To: EJ Rodriguez Wiith Fort Bend County
Contractor: RJ&M

Start/Stop: 0630-0930

Report Distribution:
(1) Charles D Gooden Consulting Eng,
douglas@goodenengineers.com
(1) RJ&M Utility Construction LLC,
jrangel@rjandmconstruction.com
(1) SES Horizon Consulting Engineers,
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(1) Charles D Gooden Consulting Eng,
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(1) RJ&M Utility Construction LLC,
miguelrangel0303@gmail.com
(1) SES Horizon Consulting Engineers,
Inc. epi.salazar@seshorizon.com

Reviewed By:


Austin Posy, E.I.T.
Project Manager

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CANCELLED SERVICE REPORT



Report Number: 92201638.0011
Service Date: 02/24/21
Report Date: 03/05/21 Revision 1 -
Task: Cast-In-Place Concrete

11555 Clay Rd, Ste 100
Houston, TX 77043-1239
713-690-8989 Reg No: F-3272

Client

Charles D Gooden Consulting Eng
Attn: Charles Gooden
2320 Holmes Road, Suite A
Houston, TX 77051

Project

FBC Precinct 2 Sidewalks
5th St and Louisiana St
Missouri City, TX

Project Number: 92201638

On 1/24/ 2021, a Terracon representative arrived at the above referenced project at 1400 to perform concrete testing as scheduled. The technician was notified at 1415 by Jose Rangel with RJ&M that the pour had been cancelled due to the slump of the concrete not meeting the specifications. The measured slump was 6 inches, which was outside of the 3 to 5 inch specification.

Services:


Terracon Rep.: Jose Umanzor
Reported To: Jose Rangel W/ RJ&M Utility Construction
Contractor:

Start/Stop: 1230-1600

Report Distribution:
(1) Charles D Gooden Consulting Eng,
douglas@goodenengineers.com
(1) RJ&M Utility Construction LLC,
jrangel@rjandmconstruction.com
(1) SES Horizon Consulting Engineers,
Inc. eduardo.rodriguez@seshorizon.com

(1) Charles D Gooden Consulting Eng,
alex@goodenengineers.com
(1) RJ&M Utility Construction LLC,
miguelrangel0303@gmail.com
(1) SES Horizon Consulting Engineers,
Inc. epi.salazar@seshorizon.com

Reviewed By:


Austin Posy, E.I.T.
Project Manager

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

FIELD DENSITY TEST REPORT

Report Number: 92201638.0007
Service Date: 02/03/21
Report Date: 02/10/21
Task: Earthwork



11555 Clay Rd, Ste 100
Houston, TX 77043-1239
713-690-8989 Reg No: F-3272

Client

Charles D Gooden Consulting Eng
Attn: Charles Gooden
2320 Holmes Road, Suite A
Houston, TX 77051

Project

FBC Precinct 2 Sidewalks
5th St and Louisiana St
Missouri City, TX

Project Number: 92201638

Material Information

Mat. No.	Proctor Ref. No.	Classification and Description	Laboratory Test Method	Lab Test Data		Project Requirements	
				Optimum Water Content (%)	Max. Lab Density (pcf)	Water Content (%)	Compaction (%)
1	92201638.0001	Black and Gray Lean Clay	ASTM D698	16.5	107.2		Min 95

Field Test Data

Test No.	Test Location	Lift / Elev.	Mat. No.	Probe Depth (in)	Wet Density (pcf)	Water Content (pcf)	Water Content (%)	Dry Density (pcf)	Percent Compaction (%)
Sidewalk Subgrade NEC & SEC @ Addicks-Clodine & Riverside G.									
1	18' W / 15' N of existing COH Sewer Manhole	Final	1	6"	122.0	19.2	18.7	102.8	96
2	9' S of Comcast Box	Final	1	6"	125.5	20.8	19.9	104.7	98

Datum: existing subgrade

S/N: 39104

Make: Troxler

Model: 3430

Std. Cnt. M:636 Std. Cnt. D: 1944

Last Cal. Date: 01/13/2021

Comments: Test and/or retest results on this report meet project requirements as noted above.

Services: Perform in-place density and moisture content tests to determine degree of compaction and material moisture condition.

Terracon Rep.: Joseph Green
Reported To: Jose Rangel W/ RJ&M Utility Construction

Start/Stop: 1630-1830

Contractor:

Report Distribution:

See attached distribution list.

Reviewed By:

Austin Posey
Austin Posey, E.I.T.
Project Manager

Test Methods: ASTM D6938

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

FIELD DENSITY TEST REPORT

Report Number: 92201638.0012
 Service Date: 02/26/21
 Report Date: 03/05/21 Revision 1 -
 Task: Earthwork

Terracon
 11555 Clay Rd, Ste 100
 Houston, TX 77043-1239
 713-690-8989 Reg No: F-3272

Client

Charles D Gooden Consulting Eng
 Attn: Charles Gooden
 2320 Holmes Road, Suite A
 Houston, TX 77051

Project

FBC Precinct 2 Sidewalks
 5th St and Louisiana St
 Missouri City, TX

Project Number: 92201638

Material Information

Mat. No.	Proctor Ref. No.	Classification and Description	Laboratory Test Method	Lab Test Data		Project Requirements	
				Optimum Water Content (%)	Max. Lab Density (pcf)	Water Content (%)	Compaction (%)
1	92201638.0001	Black and Gray Lean Clay	ASTM D698	16.5	107.2		Min 95

Field Test Data

Test No.	Test Location	Lift / Elev.	Mat. No.	Probe Depth (in)	Wet Density (pcf)	Water Content (pcf)	Water Content (%)	Dry Density (pcf)	Percent Compaction (%)
Sidewalk Subgrade North Side of Riverside Grove Drive-310'									
1	52' E of Addicks Clodine Rd	SG	1	6	121.2	17.4	16.8	103.8	97
2	108' E of Addicks Clodine Rd	SG	1	6	122.4	17.8	17.0	104.6	98
3	200' E of Addicks Clodine Rd	SG	1	6	122.6	18.0	17.2	104.6	98
4	262' E of Addicks Clodine Rd	SG	1	6	120.3	18.1	17.7	102.2	95

Datum: Top Of Existing Grade
 S/N: 35721 Make: Troxler Model: 3430
 Std. Cnt. M: 730 Std. Cnt. D: 1925
 Last Cal. Date: 05/21/2020

Comments: Test and/or retest results on this report meet project requirements as noted above.

Services: Perform in-place density and moisture content tests to determine degree of compaction and material moisture condition.

Terracon Rep.: Mark A. Nawara
 Reported To: EJ Rodriguez Wiith Fort Bend County
 Contractor:

Start/Stop: 0930-1230 N/C: 0.00

Report Distribution:

- (1) Charles D Gooden Consulting Eng, douglas@goodenengineers.com
- (1) RJ&M Utility Construction LLC, jrangel@rjandmconstruction.com
- (1) SES Horizon Consulting Engineers, Inc, eduardo.rodriquez@seshorizon.com
- (1) Charles D Gooden Consulting Eng, alex@goodenengineers.com
- (1) RJ&M Utility Construction LLC, miguelrangel0303@gmail.com
- (1) SES Horizon Consulting Engineers, Inc, epi.salazar@seshorizon.com

Reviewed By:

Austin Posey
 Austin Posey, E.I.T.
 Project Manager

Test Methods: ASTM D6938

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