



CHARLES D. GOODEN CONSULTING ENGINEERS, INC.

PO 181378
DMS
REC 579546
2320 Holmes Road, Suite A
Houston, Texas 77051-1014
(713) 660-6905 Fax (713) 660-8817
cdgce@goodenengineers.com
www.goodenengineers.com

May 12, 2021

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

RE: Invoice 2019510-11
Fort Bend County Mobility Program Project 17206
Precinct 2 Sidewalk Safety Program
Purchase Order No. 181378
Period of Performance: March 1, 2021 – April 17, 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 – March 1, 2021 – April 17, 2021

1. RJ&M completed work along Riverside Grove and Addicks-Clodine with the exception of traffic striping. Fort Bend County identified new sidewalk that was non-compliant with the requirement for a 2% maximum cross slope. RJ&M removed all non-compliant sidewalk and properly reconstructed the work.
2. CDGCE performed coordination with FBCWCID No. 2, Stafford MSD, City of Stafford, TxDOT, and Missouri City regarding the proposed sidewalk on Scanlin Road.
3. SES Horizon Consulting Engineers, Inc. (SES) provided inspection in the field. SES continues to produce daily work reports in Masterworks.

Anticipated Progress for the Next Period – April 17, 2021 – May 30, 2021

- CDGCE will complete and submit Change Order No. 1. CDGCE has recommended an additional 27 days to the construction contract due to weather and additional work requested by Precinct 2.
- 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 work along Scanlin Road.

Invoice 2019510-11 for Fort Bend County Mobility Program Project 17206
Precinct 2 Sidewalk Safety Program
May 12, 2021

Consultant invoices provided as backup:

Consultant	Invoice Number	Service	Date	Amount
SES Horizon	SES2021-102 FBC SSP	Scoping for proposed sidewalks on Trammel- Fresno Road	04/01/2021	\$972.50
SES Horizon	SES2021-103 FBC SSP	Construction Inspection	04/01/2021	\$8,400.00
SES Horizon	SES2021 - 104 FBC SSP	Construction Inspection	04/21/2021	\$5,197.50
Terracon	TE96019	Construction Materials Testing	04/05/2021	\$3,083.51
Terracon	TF00455	Construction Materials Testing	04/20/2021	\$2,762.25

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 2019510-11
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 #: 2019510-11 | **Date:** May 12, 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: March 1, 2021 - April 17, 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	99.8%	\$ 38,849.50	\$ 31,287.00	\$ 7,562.50
300 - Construction Management	\$ 183,330.00		\$ 183,330.00	6.2%	\$ 11,287.50	\$ 9,187.50	\$ 2,100.00
400 - Construction Inspection	\$ 128,940.00		\$ 128,940.00	24.1%	\$ 31,027.50	\$ 17,430.00	\$ 13,597.50
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	18.8%	\$ 11,259.90	\$ 5,414.14	\$ 5,845.76
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	26.11%	\$ 130,526.88	\$ 101,421.12	\$ 29,105.76

Total Amount Due This Invoice \$ 29,105.76

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	\$ 130,526.88
Percent Budget Remaining	73.89%
Budget Remaining	\$ 369,473.12

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 2019510-11

May 12, 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	13.00	\$ 1,690.00
Gooden, Jr., Charles D. - Clerical	\$ 90.00	7.00	\$ 630.00
Mostofa, Golam - Project Engineer	\$ 130.00	10.00	\$ 1,300.00
Salahin, Musfiques - Civil Designer	\$ 90.00	33.00	\$ 2,970.00
Subtotal CDGCE Services - Phase 200		63.00	\$ 6,590.00

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	14.00	\$ 2,100.00
Mostofa, Golam - Project Engineer	\$ 130.00		\$ -
Subtotal CDGCE Services - Phase 300		14.00	\$ 2,100.00

Subtotal CDGCE Services \$ **8,690.00**

Consultant Services - Phase 200 - Project Identification and Scoping

SES Horizon Consulting Engineers

Invoice No. SES2021-102 FBC SSP, Date: April 1, 2021

Invoice Amount: \$ 972.50

ubtotal Phase 200 - Project Identification and Scoping \$ **972.50**

Consultant Services - Phase 400 - Construction Inspection

SES Horizon Consulting Engineers

Invoice No. SES2021-101 FBC SSP, Date: April 1, 2021

Invoice Amount: \$ 8,400.00

Invoice No. SES2021 - 104 FBC SSP, Date: April 21, 2021

Invoice Amount: \$ 5,197.50

Subtotal Phase 400 - Construction Insepction \$ **13,597.50**



CHARLES
D. GOODEN
CONSULTING
ENGINEERS, INC.

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

Time & Materials Detail - Invoice 2019510-11

May 12, 2021

Construction Materials Testing

Terracon Consultants, Inc.

Invoice No. TE96019, Date: April 5, 2021

Invoice Amount:	\$	3,083.51
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Terracon Consultants, Inc.

Invoice No. TF00455, Date: April 20, 2021

Invoice Amount:	\$	2,762.25
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Subtotal Construction Materials Testing	\$	5,845.76
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TOTAL AMOUNT DUE INVOICE NO. 2019510-11	\$	29,105.76
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Precinct 2 Sidewalk Safety Program - Staff Timesheet Report 03/01/2021 - 04/17/2021

Job	Staff Member	Budget Item	Date	Hours		Notes
				Total	Billable	
Precinct 2 Sidewalk Safety Program	Alexander Chiaghanam	17206-Phase 200 - Project Identification and Scoping	03/09/21	2.00	2.00	
Precinct 2 Sidewalk Safety Program	Alexander Chiaghanam	17206-Phase 200 - Project Identification and Scoping	03/10/21	3.00	3.00	
Precinct 2 Sidewalk Safety Program	Alexander Chiaghanam	17206-Phase 200 - Project Identification and Scoping	03/16/21	4.00	--	
Precinct 2 Sidewalk Safety Program	Alexander Chiaghanam	17206-Phase 200 - Project Identification and Scoping	03/22/21	3.00	--	
Precinct 2 Sidewalk Safety Program	Alexander Chiaghanam	17206-Phase 200 - Project Identification and Scoping	03/23/21	3.00	3.00	
Precinct 2 Sidewalk Safety Program	Alexander Chiaghanam	17206-Phase 200 - Project Identification and Scoping	03/25/21	3.00	--	
Precinct 2 Sidewalk Safety Program	Alexander Chiaghanam	17206-Phase 200 - Project Identification and Scoping	03/26/21	1.00	1.00	
Precinct 2 Sidewalk Safety Program	Alexander Chiaghanam	17206-Phase 200 - Project Identification and Scoping	03/30/21	2.00	2.00	
Precinct 2 Sidewalk Safety Program	Alexander Chiaghanam	17206-Phase 200 - Project Identification and Scoping	03/31/21	2.00	2.00	
	Alexander Chiaghanam			23.00	13.00	
Precinct 2 Sidewalk Safety Program	Charles Gooden, Jr.	17206-Phase 200 - Project Identification and Scoping	03/22/21	2.00	1.00	Site Visit Quail Glen Drive
Precinct 2 Sidewalk Safety Program	Charles Gooden, Jr.	17206-Phase 200 - Project Identification and Scoping	04/06/21	3.00	2.00	Scanlin Road / Fifth Street
Precinct 2 Sidewalk Safety Program	Charles Gooden, Jr.	17206-Phase 200 - Project Identification and Scoping	04/07/21	3.00	2.00	Scanlin Road / Fifth Street. Quail Glen Drive meeting.
Precinct 2 Sidewalk Safety Program	Charles Gooden, Jr.	17206-Phase 200 - Project Identification and Scoping	04/08/21	4.00	2.00	Scanlin Road / Fifth Street, Quail Glen Drive Meeting Minutes
	Charles Gooden, Jr.			12.00	7.00	
Precinct 2 Sidewalk Safety Program	Golam Mostofa	17206-Phase 200 - Project Identification and Scoping	03/22/21	4.00	4.00	Document Review
Precinct 2 Sidewalk Safety Program	Golam Mostofa	17206-Phase 200 - Project Identification and Scoping	03/23/21	6.00	6.00	Document Review. Meeting.
	Golam Mostofa			10.00	10.00	
Precinct 2 Sidewalk Safety Program	Musfiques Salahin	17206-Phase 200 - Project Identification and Scoping	03/01/21	3.00	3.00	Scanlin Road Sidewalk and Ramp
Precinct 2 Sidewalk Safety Program	Musfiques Salahin	17206-Phase 200 - Project Identification and Scoping	03/02/21	4.00	4.00	Scanlin Road Sidewalk and Ramp
Precinct 2 Sidewalk Safety Program	Musfiques Salahin	17206-Phase 200 - Project Identification and Scoping	03/03/21	4.00	4.00	Scanlin Road Sidewalk and Ramp
Precinct 2 Sidewalk Safety Program	Musfiques Salahin	17206-Phase 200 - Project Identification and Scoping	03/04/21	6.00	6.00	Scanlin Road Sidewalk and Ramp
Precinct 2 Sidewalk Safety Program	Musfiques Salahin	17206-Phase 200 - Project Identification and Scoping	03/05/21	3.00	3.00	Scanlin Road Sidewalk and Ramp
Precinct 2 Sidewalk Safety Program	Musfiques Salahin	17206-Phase 200 - Project Identification and Scoping	03/08/21	4.00	4.00	Scanlin Road Sidewalk and Ramp
Precinct 2 Sidewalk Safety Program	Musfiques Salahin	17206-Phase 200 - Project Identification and Scoping	03/09/21	2.00	2.00	Scanlin Road Sidewalk and Ramp
Precinct 2 Sidewalk Safety Program	Musfiques Salahin	17206-Phase 200 - Project Identification and Scoping	03/10/21	5.00	5.00	Scanlin Road Sidewalk and Ramp
Precinct 2 Sidewalk Safety Program	Musfiques Salahin	17206-Phase 200 - Project Identification and Scoping	03/22/21	2.00	2.00	Discussion Quail Glen Drive

Precinct 2 Sidewalk Safety Program - Staff Timesheet Report 03/01/2021 - 04/17/2021

Job	Staff Member	Budget Item	Date	Hours		Notes
				Total	Billable	
	Musfiques Salahin			33.00	33.00	
		17206-Phase 200 - Project Identification and Scoping		78.00	63.00	
Precinct 2 Sidewalk Safety Program	Charles Gooden, Jr.	17206-Phase 300 - Construction Management	03/04/21	1.00	1.00	Concrete submittal. Follow update on water leak on Riverside Grove.
Precinct 2 Sidewalk Safety Program	Charles Gooden, Jr.	17206-Phase 300 - Construction Management	03/09/21	1.00		Follow update on construction -- inspection expenditures, change order no. 1, and pay estimate no. 1.
Precinct 2 Sidewalk Safety Program	Charles Gooden, Jr.	17206-Phase 300 - Construction Management	03/16/21	3.50	3.50	Site visit, coordination re sidewalks out of compliance.
Precinct 2 Sidewalk Safety Program	Charles Gooden, Jr.	17206-Phase 300 - Construction Management	03/19/21	1.00	1.00	Coordination re leaking fire hydrant with Bob Wempe of Pape Dawson.
Precinct 2 Sidewalk Safety Program	Charles Gooden, Jr.	17206-Phase 300 - Construction Management	03/23/21	4.00	4.00	Change Order No. 1 Quantities
Precinct 2 Sidewalk Safety Program	Charles Gooden, Jr.	17206-Phase 300 - Construction Management	03/24/21	1.00	1.00	Conversation with Wesley re CO No. 1 and Quail Glen Drive. Conversation with Gabriel Odreman re overall plan for project.
Precinct 2 Sidewalk Safety Program	Charles Gooden, Jr.	17206-Phase 300 - Construction Management	04/01/21	1.00	1.00	Coordination with Larry Keller re FH on Riverside Grove
Precinct 2 Sidewalk Safety Program	Charles Gooden, Jr.	17206-Phase 300 - Construction Management	04/12/21	1.00	1.00	Coordination with Larry Keller re Enviro re repeated fire hydrant leaks.
Precinct 2 Sidewalk Safety Program	Charles Gooden, Jr.	17206-Phase 300 - Construction Management	04/17/21	1.50	1.50	Review pay estimate
	Charles Gooden, Jr.			15.00	14.00	
		17206-Phase 300 - Construction Management		15.00	14.00	
Precinct 2 Sidewalk Safety Program				93.00	77.00	
OVERALL TOTALS				93.00	77.00	



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

Date: 04-01-2021

Invoice # SES2021-102 FBC SSP

Project: Fort Bend County Precinct 2 Sidewalk Safety Program – Project No. 17206
Description: Professional Engineering Services For Trammel Fresno Feasibility And Cost Estimate
This Invoice Covers Work Performed: March 24, 2021 To March 29, 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	\$972.50	\$00.00	\$972.50	\$00.00	\$972.50

**Team Member Names
Labor Category Title**

	Hours	Hourly Rate	Total
Omar Cabello CAD Technician	1.50	\$85.00	\$127.50
Omar Corredor, P.E. Project Engineer	6.50	\$130.00	\$845.00

TOTAL DUE FOR THIS INVOICE **\$972.50**

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



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

Date: 04-01-2021

Invoice # SES2021-103 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: February 27, 2021 To March 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	\$25,830.00	\$17,430.00	\$25,830.00	\$17,430.00	\$8,400.00

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

Labor Category Title	Hours	Hourly Rate	Total
Eduardo Rodriguez Construction Inspector	80.00	\$105	\$8,400.00

TOTAL DUE FOR THIS INVOICE **\$8,400.00**

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 **MARCH 5, 2021**

NAME: **EDUARDO RODRIGUEZ**

JOB No. **FBC SSW**

REGULAR /STRAIGHT TIME HOURS									OVERTIME HOURS									
No.	SUN	MON	TUE	WED	THU	FRI	SAT	TOTAL HOURS	JOB DESCRIPTION	CATEGORY	SUN	MON	TUE	WED	THU	FRI	SAT	TOTAL HOURS
1									PRINCIPAL	1								
2									PROJECT MANAGER	1								
3									SENIOR CIVIL ENGINEER	2								
4									CIVIL ENGINEER	2								
7									CADD OPERATOR	3								
8									ADMINISTARTIVE ASSISTANT	4								
9		3.0	4.0	5.0	4.0	4.0		20.0	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								20.0	20.0	TOTAL REGULAR HOURS (BILLABLE)								

20.0 TOTAL REGULAR HOURS (BILLABLE)

0.0 TOTAL OVERTIME HOURS (BILLABLE)

20.0 TOTAL HOURS (BILLABLE)

SIGNED

Eduardo Rodriguez

APPROVED

EC

TIME SHEET



WEEK ENDING **MARCH 12, 2021**

NAME: **EDUARDO RODRIGUEZ**

JOB No. **FBC SSW**

REGULAR /STRAIGHT TIME HOURS									OVERTIME HOURS									
No.	SUN	MON	TUE	WED	THU	FRI	SAT	TOTAL HOURS	JOB DESCRIPTION	CATEGORY	SUN	MON	TUE	WED	THU	FRI	SAT	TOTAL HOURS
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		5.0	3.0	4.5	3.0	4.5		20.0	CONSTRUCTION INSPECTOR	3								
10																		
11																		
12																		
H									HOLIDAY		CATEGORY							
V									VACATION		1. Management 3. Technical							
S									SICK LEAVE		2. Engineering 4. Administrative							
LWOP									LEAVE W/O PAY									
TOTALS								20.0										

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

SIGNED Eduardo Rodriguez

APPROVED EE

TIME SHEET



WEEK ENDING **MARCH 19, 2021**

NAME: **EDUARDO RODRIGUEZ**

JOB No. **FBC SSW**

REGULAR /STRAIGHT TIME HOURS									OVERTIME HOURS									
No.	SUN	MON	TUE	WED	THU	FRI	SAT	TOTAL HOURS	JOB DESCRIPTION	CATEGORY	SUN	MON	TUE	WED	THU	FRI	SAT	TOTAL HOURS
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		4.0	4.0	4.0	4.0	4.0		20.0	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								20.0										

20.0 TOTAL REGULAR HOURS (BILLABLE)

0.0 TOTAL OVERTIME HOURS (BILLABLE)

20.0 TOTAL HOURS (BILLABLE)

SIGNED *Eduardo Rodriguez*

APPROVED *Eduardo Rodriguez*

TIME SHEET



WEEK ENDING **MARCH 26, 2021**

NAME: **EDUARDO RODRIGUEZ**

JOB No. **FBC SSW**

REGULAR /STRAIGHT TIME HOURS									OVERTIME HOURS									
No.	SUN	MON	TUE	WED	THU	FRI	SAT	TOTAL HOURS	JOB DESCRIPTION	CATEGORY	SUN	MON	TUE	WED	THU	FRI	SAT	TOTAL HOURS
1									PRINCIPAL	1								
2									PROJECT MANAGER	1								
3									SENIOR CIVIL ENGINEER	2								
4									CIVIL ENGINEER	2								
7									CADD OPERATOR	3								
8									ADMINISTARTIVE ASSISTANT	4								
9		4.5	3.0	4.5	3.0	5.0		20.0	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								20.0	20.0	TOTAL REGULAR HOURS (BILLABLE)								

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

SIGNED Eduardo Rodriguez

APPROVED EE



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

Date: 04-21-2021

Invoice # SES2021-104 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: March 27, 2021 To April 16, 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	\$31,027.50	\$25,830.00	\$31,027.50	\$17,430.00	\$5,197.50

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

Labor Category Title	Hours	Hourly Rate	Total
Eduardo Rodriguez Construction Inspector	49.50	\$105	\$5,197.50

TOTAL DUE FOR THIS INVOICE **\$5,197.50**

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 **APRIL 2, 2021**

NAME: **EDUARDO RODRIGUEZ**

JOB No. **FBC SSW**

	REGULAR /STRAIGHT TIME HOURS								OVERTIME HOURS									
No.	SUN	MON	TUE	WED	THU	FRI	SAT	TOTAL HOURS	JOB DESCRIPTION	CATEGORY	SUN	MON	TUE	WED	THU	FRI	SAT	TOTAL HOURS
1									PRINCIPAL	1								
2									PROJECT MANAGER	1								
3									SENIOR CIVIL ENGINEER	2								
4									CIVIL ENGINEER	2								
7									CADD OPERATOR	3								
8									ADMINISTARTIVE ASSISTANT	4								
9		4.0	1.0	1.5	1.0	2.0		9.5	CONSTRUCTION INSPECTOR	3								
10																		
11																		
12																		
H									HOLIDAY		CATEGORY							
V									VACATION		1. Management		3. Technical					
S									SICK LEAVE		2. Engineering		4. Administrative					
LWOP									LEAVE W/O PAY									
TOTALS								9.5	9.5	TOTAL REGULAR HOURS (BILLABLE)								

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

SIGNED Eduardo Rodriguez

APPROVED E. E. S. A. P. E.

TIME SHEET



WEEK ENDING **APRIL 9, 2021**

NAME: **EDUARDO RODRIGUEZ**

JOB No. **FBC SSW**

	REGULAR /STRAIGHT TIME HOURS								OVERTIME HOURS										
No.	SUN	MON	TUE	WED	THU	FRI	SAT	TOTAL HOURS	JOB DESCRIPTION		CATEGORY	SUN	MON	TUE	WED	THU	FRI	SAT	TOTAL HOURS
1									PRINCIPAL		1								
2									PROJECT MANAGER		1								
3									SENIOR CIVIL ENGINEER		2								
4									CIVIL ENGINEER		2								
7									CADD OPERATOR		3								
8									ADMINISTARTIVE ASSISTANT		4								
9		6.0	6.0	2.5	3.0	2.5		20.0	CONSTRUCTION INSPECTOR		3								
10																			
11																			
12																			
H									HOLIDAY			CATEGORY							
V									VACATION			1. Management3. Technical							
S									SICK LEAVE			2. Engineering4. Administrative							
LWOP									LEAVE W/O PAY										
TOTALS								20.0		20.0	TOTAL REGULAR HOURS (BILLABLE)								

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

SIGNED Eduardo Rodriguez

APPROVED E. E. S. A. P. E.

TIME SHEET



WEEK ENDING **APRIL 16, 2021**

NAME: **EDUARDO RODRIGUEZ**

JOB No. **FBC SSW**

	REGULAR /STRAIGHT TIME HOURS								OVERTIME HOURS										
No.	SUN	MON	TUE	WED	THU	FRI	SAT	TOTAL HOURS	JOB DESCRIPTION		CATEGORY	SUN	MON	TUE	WED	THU	FRI	SAT	TOTAL HOURS
1									PRINCIPAL		1								
2									PROJECT MANAGER		1								
3									SENIOR CIVIL ENGINEER		2								
4									CIVIL ENGINEER		2								
7									CADD OPERATOR		3								
8									ADMINISTARTIVE ASSISTANT		4								
9		2.0	4.0	6.0	6.0	2.0		20.0	CONSTRUCTION INSPECTOR		3								
10																			
11																			
12																			
H									HOLIDAY			CATEGORY							
V									VACATION			1. Management3. Technical							
S									SICK LEAVE			2. Engineering4. Administrative							
LWOP									LEAVE W/O PAY										
TOTALS								20.0		20.0	TOTAL REGULAR HOURS (BILLABLE)								

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

SIGNED Eduardo Rodriguez

APPROVED E. Rodriguez P.E.



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: TE96019

Terracon Consultants, Inc.
PO Box 959673
St Louis, MO 63195-9673

Project Number: 92201638
Contract Amount: \$6,617.00
Billed to Date: \$8,497.65
Invoice Date: 4/05/2021
Services Through: 3/31/2021

Date	Report	Description of Services	Quantity	Rate	Total
TASK: Cast-In-Place Concrete					
3/5/21	92201638.0014	Engineering Technician, per hour - OT	1.50	\$97.50	\$146.25
3/5/21	92201638.0014	Engineering Technician, per hour	2.50	\$65.00	\$162.50
3/5/21	92201638.0014	Vehicle Charge, per 1/2 day	1.00	\$85.00	\$85.00
3/5/21	92201638.0014	Compressive Strength of 6"x12" Concrete Cylinder, each	4.00	\$23.00	\$92.00
3/6/21	92201638.0014A	Engineering Technician, per hour - OT	0.75	\$97.50	\$73.13
3/6/21	92201638.0014A	Vehicle Charge, per 1/2 day	1.00	\$85.00	\$85.00
3/12/21	92201638.0017	Engineering Technician, per hour	4.00	\$65.00	\$260.00
3/12/21	92201638.0017	Vehicle Charge, per 1/2 day	1.00	\$85.00	\$85.00
3/12/21	92201638.0017	Compressive Strength of 6"x12" Concrete Cylinder, each	4.00	\$23.00	\$92.00
3/13/21	92201638.0017A	Engineering Technician, per hour - OT	0.75	\$97.50	\$73.13
3/13/21	92201638.0017A	Vehicle Charge, per 1/2 day	1.00	\$85.00	\$85.00
3/25/21	92201638.0020	Engineering Technician, per hour	4.00	\$65.00	\$260.00
3/25/21	92201638.0020	Vehicle Charge, per 1/2 day	1.00	\$85.00	\$85.00
3/25/21	92201638.0020	Compressive Strength of 6"x12" Concrete Cylinder, each	4.00	\$23.00	\$92.00
3/26/21	92201638.0020A	Engineering Technician, per hour	2.00	\$65.00	\$130.00
3/26/21	92201638.0020A	Vehicle Charge, per 1/2 day	1.00	\$85.00	\$85.00
Task Total					\$1,891.01

TASK: Earthwork

3/10/21	92201638.0015	Engineering Technician, per hour - OT	1.00	\$97.50	\$97.50
3/10/21	92201638.0015	Engineering Technician, per hour	3.00	\$65.00	\$195.00
3/10/21	92201638.0015	Vehicle Charge, per 1/2 day	1.00	\$85.00	\$85.00
3/10/21	92201638.0015	Nuclear Density Gauge, per day	1.00	\$85.00	\$85.00
3/18/21	92201638.0018	Engineering Technician, per hour	4.00	\$65.00	\$260.00
3/18/21	92201638.0018	Vehicle Charge, per 1/2 day	1.00	\$85.00	\$85.00

TERMS: DUE UPON PRESENTATION OF INVOICE



INVOICE

Invoice No.: TE96019
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: Earthwork

3/18/21	92201638.0018	Nuclear Density Gauge, per day	1.00	\$85.00	\$85.00
				Task Total	\$892.50

TASK: Project Management

3/31/21	Billing Period	Project Manager, per hour	2.00	\$150.00	\$300.00
				Task Total	\$300.00

Invoice Total **\$3,083.51**

Statement of Account

Contract Amount	\$6,617.00
Amount Previously Billed	\$5,414.14
Total Due this Invoice	\$3,083.51
Total Billed	\$8,497.65
Payments to Date	\$2,378.39
Total Due	\$6,119.26

CONCRETE COMPRESSIVE STRENGTH TEST REPORT

Report Number: 92201638.0014
Service Date: 03/05/21
Report Date: 03/16/21
Task: Cast-In-Place Concrete

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

Specified Strength: 4,000 psi @ 28 days
Mix ID: 1421611
Supplier: Cemex
Batch Time: 0730 Plant:
Truck No.: 10067227 Ticket No.: 46186776

Sample Information

Sample Date: 03/05/21 Sample Time: 0800
Sampled By: Jose Umanzor
Weather Conditions: Cloudy
Accumulative Yards: 10 Batch Size (cy): 10
Placement Method: Direct Discharge
Water Added Before (gal): 0
Water Added After (gal): 0
Sample Location: Sidewalk 5' East 2' South From
Northeast Corner of Existing Sidewalk
On
Placement Location: Sidewalk On Addicks Clodine Rd And
Riverside Grove Rd

Field Test Data

Test	Result	Specification
Slump (in):	3	
Air Content (%):	2.0	
Concrete Temp. (F):	70	
Ambient Temp. (F):		
Plastic Unit Wt. (pcf):		
Yield (Cu. Yds.):		

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	6.02	28.46	03/06/21	03/12/21	7	124,070	4,360	2	ES
1	B			03/06/21	04/02/21	28				
1	C			03/06/21	04/02/21	28				
1	D			03/06/21	04/30/21	56				

Initial Cure: Outside

Final Cure: Moist Room

Comments: Not tested for plastic unit weight.

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.: Jose Umanzor

Start/Stop: 0530-0830

Reported To: Jose Rangel W/ RJ&M Utility Construction

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 Posey, E.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: 92201638.0014A
Service Date: 03/06/21
Report Date: 04/05/21
Task: Cast-In-Place Concrete

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

On March 06, 2021, a Terracon representative was present at the above referenced project to obtain one set of four concrete cylinders cast on March 05, 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.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, 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.

CONCRETE COMPRESSIVE STRENGTH TEST REPORT

Report Number: 92201638.0017
Service Date: 03/12/21
Report Date: 04/05/21 Revision 2 -
Task: Cast-In-Place Concrete

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

Specified Strength: 3,500 psi @ 28 days
Mix ID: 1421611
Supplier: Cemex
Batch Time: 0910 Plant: 4373A
Truck No.: 10063932 Ticket No.: 46201456

Sample Information

Sample Date: 03/12/21 Sample Time: 1020
Sampled By: Troy Fischer
Weather Conditions: Hazy, sprinkling & overcast
Accumulative Yards: 10 Batch Size (cy): 10
Placement Method: Direct Discharge
Water Added Before (gal): 0
Water Added After (gal): 0
Sample Location: E section closest to Addicks Clodine.
See attached Dwg,
Placement Location: Sidewalk 40' E of Addicks Clodine & 200' W of, along Riverside Grove.

Field Test Data

Test	Result	Specification
Slump (in):	4	3 - 5
Air Content (%):	4.0	4 - 6
Concrete Temp. (F):	76	
Ambient Temp. (F):	74	
Plastic Unit Wt. (pcf):		
Yield (Cu. Yds.):		

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	6.02	28.46	03/13/21	03/19/21	7	104,310	3,660	2	JLB
1	B			03/13/21	04/09/21	28				
1	C			03/13/21	04/09/21	28				
1	D			03/13/21	05/07/21	56				

Initial Cure: Outside

Final Cure: Moist Room

Comments: Not tested for plastic unit weight.

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.: Troy Fischer

Start/Stop: 0815-1630 N/C: 4.25

Reported To: Jose Rangel W/ RJ&M Utility Construction

Contractor: RJ & M

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 Posey, E.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: 92201638.0017A
Service Date: 03/13/21
Report Date: 04/05/21
Task: Cast-In-Place Concrete

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

On March 13, 2021, a Terracon representative was present at the above referenced project to obtain one set of four concrete cylinders cast on March 12, 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: 0400-0445

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.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, 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.

CONCRETE COMPRESSIVE STRENGTH TEST REPORT

Report Number: 92201638.0020
Service Date: 03/25/21
Report Date: 04/05/21
Task: Cast-In-Place Concrete

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

Specified Strength: 3,500 psi @ 28 days
Mix ID: 1421611
Supplier: Cemex
Batch Time: 1115 Plant: 4375
Truck No.: 10063761 Ticket No.: 46224169

Sample Information

Sample Date: 03/25/21 Sample Time: 1230
Sampled By: Kevin Molina
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: Paving - Sidewalk - E Bound on
Riverside Grove Dr. And Mission
Terrace
Placement Location: Paving - Sidewalk - E Bound on
Riverside Grove Dr. And Mission
Terrace

Field Test Data

Test	Result	Specification
Slump (in):	3 3/4	
Air Content (%):	2.5	
Concrete Temp. (F):	70	
Ambient Temp. (F):	75	
Plastic Unit Wt. (pcf):		
Yield (Cu. Yds.):		

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	6.02	28.46	03/26/21	04/01/21	7	124,010	4,360	3	JCH
1	B			03/26/21	04/22/21	28				
1	C			03/26/21	04/22/21	28				
1	D			03/26/21	05/20/21	56				

Initial Cure: Outside

Final Cure: Moist Room

Comments: Not tested for plastic unit weight.

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.: Kevin Molina

Start/Stop: 1100-1500

Reported To: Jose Rangel W/ RJ&M Utility Construction

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 Posey, E.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: 92201638.0020A
Service Date: 03/26/21
Report Date: 04/05/21
Task: Cast-In-Place Concrete

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

On March 26, 2021, a Terracon representative was present at the above referenced project to obtain one set of four concrete cylinders cast on March 25, 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.: Justin Hernandez

Start/Stop: 1645-1845

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.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, 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: 92201638.0015
Service Date: 03/10/21
Report Date: 03/11/21
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 (%)
Addick Clodine & Riverside									
1	10' West	SG	1	6	119.1	16.8	16.4	102.3	95
2	60' West	SG	1	6	119.4	17.7	17.4	101.7	95
Riverside Grove & Mission Terrance									
3	10' East	SG	1	6	119.3	17.5	17.2	101.8	95

Datum: top of existing grade

S/N: 20811

Make: Troxler

Model: 3440

Std. Cnt. M: 585 Std. Cnt. D: 1422

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.: Kenneth Washington

Reported To: George Rayis/RJ&M Utility

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

Start/Stop: 0600-0900

Reviewed By:


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: 92201638.0018
Service Date: 03/18/21
Report Date: 04/05/21 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 (%)
NWC Sidewalks -Riverside Grove Dr. & Mission Terrace Ct.									
1	44' N / 5' E of Electric Power Pole #13375	Final	1	6"	118.5	16.6	16.3	101.9	95
2	44' N / 35' E of Electric Power Pole #13375	Final	1	6"	121.1	18.8	18.4	102.3	95
3	44' N / 60' E of Electric Power Pole #13375	Final	1	6"	121.8	17.2	16.4	104.6	98

Datum: existing subgrade

S/N: 39104

Make: Troxler

Model: 3430

Std. Cnt. M:628 Std. Cnt. D: 1913

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

Start/Stop: 0700-0900

Reported To: Jose Rangel W/ RJ&M Utility Construction

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 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.



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: TF00455

Terracon Consultants, Inc.
PO Box 959673
St Louis, MO 63195-9673

Federal E.I.N.: 42-1249917

Project Number: 92201638
Contract Amount: \$11,259.90
Billed to Date: \$11,259.90
Invoice Date: 4/20/2021
Services Through: 4/17/2021

Date	Report	Description of Services	Quantity	Rate	Total
TASK: Cast-In-Place Concrete					
4/2/21	92201638.0021	Engineering Technician, per hour	4.00	\$65.00	\$260.00
4/2/21	92201638.0021	Vehicle Charge, per 1/2 day	1.00	\$85.00	\$85.00
4/5/21	92201638.0024	Engineering Technician, per hour	6.00	\$65.00	\$390.00
4/5/21	92201638.0024	Vehicle Charge, per day	1.00	\$125.00	\$125.00
4/5/21	92201638.0024	Compressive Strength of 6"x12" Concrete Cylinder, each	4.00	\$23.00	\$92.00
4/6/21	92201638.0024A	Engineering Technician, per hour	1.00	\$65.00	\$65.00
4/6/21	92201638.0024A	Vehicle Charge, per 1/2 day	1.00	\$85.00	\$85.00
4/14/21	92201638.0028	Engineering Technician, per hour	5.00	\$65.00	\$325.00
4/14/21	92201638.0028	Vehicle Charge, per day	1.00	\$125.00	\$125.00
4/14/21	92201638.0028	Compressive Strength of 6"x12" Concrete Cylinder, each	4.00	\$23.00	\$92.00
4/15/21	92201638.0028A	Engineering Technician, per hour	1.75	\$65.00	\$113.75
4/15/21	92201638.0028A	Vehicle Charge, per 1/2 day	1.00	\$85.00	\$85.00
4/15/21	92201638.0029	Engineering Technician, per hour	4.00	\$65.00	\$260.00
4/15/21	92201638.0029	Vehicle Charge, per 1/2 day	1.00	\$85.00	\$85.00
4/15/21	92201638.0029	Compressive Strength of 6"x12" Concrete Cylinder, each	4.00	\$23.00	\$92.00
4/16/21	92201638.0029A	Engineering Technician, per hour	0.75	\$65.00	\$48.75
4/16/21	92201638.0029A	Vehicle Charge, per 1/2 day	1.00	\$85.00	\$85.00
Task Total					\$2,413.50
TASK: Project Management					
4/17/21	Billing Period	Project Manager, per hour	2.00	\$150.00	\$300.00
4/17/21	Billing Period	Administration, per hour	0.75	\$65.00	\$48.75
Task Total					\$348.75

TERMS: DUE UPON PRESENTATION OF INVOICE



INVOICE

Invoice No.: TF00455
Project No.: 92201638
Project: FBC Precinct 2 Sidewalks
5th St and Louisiana St
Missouri City, TX

Project Mgr: Austin Posey

Invoice Total	\$2,762.25
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Statement of Account	
Contract Amount	\$11,259.90
Amount Previously Billed	\$8,497.65
Total Due this Invoice	\$2,762.25
Total Billed	\$11,259.90
Payments to Date	\$5,414.14
Total Due	\$5,845.76

REINFORCING STEEL OBSERVATIONS REPORT

Report Number: 92201638.0021
Service Date: 04/02/21
Report Date: 04/09/21
Task: Cast-In-Place Concrete

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

Services Requested By: Jose Rangel with RJ&M
Contractor: RJ&M
Construction Type: Cast-in-place Concrete
Observation Location(s): Riverside Grove Dr & Addicks Clodine Rd Sidewalks. (See attach)
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 George Rayis with RJ&M at the completion of today's activities.
Referenced Drawing(s): Street Paving & Sidewalk 02752-02 to 02754-01A

Services:


Terracon Rep.: Luis Perez
Reported To: Jose Rangel W/ RJ&M Utility Construction
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.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

Start/Stop: 0900-1200

Reviewed By:


Austin Posey, 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: 92201638.0023
Service Date: 04/05/21
Report Date: 04/05/21
Task: Cast-In-Place Concrete

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

Services Requested By: Jose Rangel, RJ & M
Contractor: RJ & M
Construction Type: Cast in place Concrete Sidewalks
Observation Location(s): Riverside Grove North Side along W Side & E Side of Addicks Clodine Road; East Side of Addicks Clodine Road
Summary: Based on our observations, the reinforcing steel placement at the above-referenced locations did appear to be completed in accordance with the project plans identified below. Refer to the comments section and attached deviation report for a discussion of non-conforming items.
Referenced Drawing(s): Detail 1-9/3/2020

Services:


Terracon Rep.: Mark A. Nawara
Reported To: Jose Rangel W/ RJ&M Utility Construction
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.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

Start/Stop: **

Reviewed By:


Austin Posey, 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.

CONCRETE COMPRESSIVE STRENGTH TEST REPORT

Report Number: 92201638.0024
Service Date: 04/05/21
Report Date: 04/20/21 Revision 1 -
Task: Cast-In-Place Concrete

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

Specified Strength: 3,500 psi @ 28 days
Mix ID: 1421611, 5.0sack/1.5"L.S..
Supplier: Cemex USA, Inc
Batch Time: 0838 Plant: 4375A
Truck No.: 64684 Ticket No.: 46242875

Sample Information

Sample Date: 04/05/21 Sample Time: 0945
Sampled By: Mark A. Nawara
Weather Conditions: Ptlly Cloudy and Nild
Accumulative Yards: 10/40 Batch Size (cy): 10
Placement Method: Direct Discharge
Water Added Before (gal): 0
Water Added After (gal): 0
Sample Location: Sidewalks-100' W of Addicks Clodine Road North side of Riverside Cove Drive
Placement Location: Sidewalks-140' W of Addicks Clodine and 280' E of Addicks Clodine on North Side River Grove Drive; and 80' East Side of Addicks Clodine Road

Field Test Data

Test	Result	Specification
Slump (in):	3	
Air Content (%):	4.0	
Concrete Temp. (F):	70	
Ambient Temp. (F):	65	
Plastic Unit Wt. (pcf):		
Yield (Cu. Yds.):		

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	6.01	28.37	04/06/21	04/12/21	7	132,320	4,660	2	JCH
1	B			04/06/21	05/03/21	28				
1	C			04/06/21	05/03/21	28				
1	D			04/06/21	05/31/21	56				

Initial Cure: Outside

Final Cure: Moist Room

Comments: Not tested for plastic unit weight.

Note: Reported air content does not include Aggregate Correction Factor (ACF).
6" X 12" Cylinders

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.: Mark A. Nawara

Start/Stop: 0830-1430 N/C: 0.00

Reported To: Jose Rangel W/ RJ&M Utility Construction

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 Posey, E.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: 92201638.0024A
Service Date: 04/06/21
Report Date: 04/09/21
Task: Cast-In-Place Concrete

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

On April 06, 2021, a Terracon representative was present at the above referenced project to obtain one set of four concrete cylinders cast on April 05, 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: 0830-0930

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.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, 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: 92201638.0027
Service Date: 04/14/21
Report Date: 04/19/21
Task: Cast-In-Place Concrete

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

Services Requested By: EJ Rodriguez with SES

Contractor: SES

Construction Type: Cast-in-place Concrete

Observation Location(s): Sidewalk at Addicks Clodine, Eastside.

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 with SES at the completion of today's activities.

Referenced Drawing(s): D1

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

Terracon Rep.: Richard A. Monroe

Reported To: EJ Rodriguez Wiith Fort Bend County

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

Start/Stop: **

Reviewed By:


Austin Posey, 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.

CONCRETE COMPRESSIVE STRENGTH TEST REPORT

Report Number: 92201638.0028
Service Date: 04/14/21
Report Date: 04/14/21
Task: Cast-In-Place Concrete

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

Specified Strength: 3,500 psi @ 28 days
Mix ID: 3505
Supplier: Cemex
Batch Time: 1055 Plant: 4375A
Truck No.: 10064705 Ticket No.: 46263693

Sample Information

Sample Date: 04/14/21 Sample Time: 1205
Sampled By: Richard A. Monroe
Weather Conditions: Cloudy
Accumulative Yards: 40 Batch Size (cy): 10
Placement Method: Direct Discharge
Water Added Before (gal): 0
Water Added After (gal): 0
Sample Location: 100'N of River Grove
Placement Location: Sidewalk Addicks Clodine E Side
Between River Grove & Wildwood Lake

Field Test Data

Test	Result	Specification
Slump (in):	3	3 - 5
Air Content (%):	4.5	4 - 6
Concrete Temp. (F):	86	Max 95
Ambient Temp. (F):	75	
Plastic Unit Wt. (pcf):		
Yield (Cu. Yds.):		

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			04/15/21	04/21/21	7				
1	B			04/15/21	04/21/21	7				
1	C			04/15/21	05/12/21	28				
1	D			04/15/21	05/12/21	28				

Initial Cure: Outside

Final Cure: Moist Room

Comments: Not tested for plastic unit weight.

Note: Reported air content does not include Aggregate Correction Factor (ACF).

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.: Richard A. Monroe

Start/Stop: 0830-1330

Reported To: EJ Rodriguez Wiith Fort Bend County

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 Posey, E.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: 92201638.0028A
Service Date: 04/15/21
Report Date: 04/19/21
Task: Cast-In-Place Concrete

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

On April 15, 2021, a Terracon representative was present at the above referenced project to obtain one set of four concrete cylinders cast on April 14, 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.: Teofilo Reynaga

Start/Stop: 0445-0630

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.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, 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.

CONCRETE COMPRESSIVE STRENGTH TEST REPORT

Report Number: 92201638.0029
Service Date: 04/15/21
Report Date: 04/20/21 Revision 1 - Enter Date Received
Task: Cast-In-Place Concrete

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

Specified Strength: 3,500 psi @ 28 days
Mix ID: 3505
Supplier: Texas Concrete
Batch Time: 1123 Plant:
Truck No.: 10067287 Ticket No.: 46266302

Sample Information

Sample Date: 04/15/21 Sample Time: 1230
Sampled By: Jesus Luciani Portillo
Weather Conditions: Cloudy
Accumulative Yards: 10 Batch Size (cy): 9
Placement Method: Direct Discharge
Water Added Before (gal):
Water Added After (gal):
Sample Location: 15' N, 10' E Sidewalk SWC of
Addicks-Clodines@Riverside Grove
Dr.

Field Test Data

Test	Result	Specification
Slump (in):	4 1/2	3 - 5
Air Content (%):	1.75 *	4 - 6
Concrete Temp. (F):	79	Max 95
Ambient Temp. (F):	68	

Plastic Unit Wt. (pcf):

Yield (Cu. Yds.):

* = Field Test Results do not meet project specifications.

Placement Location: Sidewalk on Addicks-Clodines Dr

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			04/16/21	04/22/21	7				
1	B			04/16/21	05/13/21	28				
1	C			04/16/21	05/13/21	28				
1	D			04/16/21	06/10/21	56				

Initial Cure: Outside

Final Cure: Moist Room

Comments: Not tested for plastic unit weight.

Note: Reported air content does not include Aggregate Correction Factor (ACF).

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.: Jesus Luciani Portillo

Start/Stop: 1030-1430

Reported To: Jose Rangel W/ RJ&M Utility Construction

Contractor: RJ&M Utility Construction

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 Posey, E.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: 92201638.0029A
Service Date: 04/16/21
Report Date: 04/20/21
Task: Cast-In-Place Concrete

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

On April 16, 2021, a Terracon representative was present at the above referenced project to obtain one set of four concrete cylinders cast on April 15, 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: 0345-0430

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.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, 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.