

PO# 137085 BH
Line 1 Per 459884

AVILES ENGINEERING CORPORATION

5790 Windfern Road, Houston, Texas 77041 - 713-895-7645 - Fax 713-895-7943

Invoice

Invoice Date: 07/31/18
AEC Project No.: C121-16

AEC Invoice No.: 071841C
AEC Customer ID: FTBCENG

Client: **Fort Bend County**
Fort Bend County Engineering Department

Project: **FM 1093/Westpark Tollway Expansion Project, Phase 1**

P. O. No.: 137085 Includes: Agreement, Amendment & 2nd Amendment

Bill to:

Fort Bend County Engineering Department
Attn: County Engineer
301 Jackson Street
Richmond, Texas 77469

Email to:

Vanessa Wallace
vwallace@pascorp.net

Services Provided:	Net Amount Due
Construction Materials Testing and Inspection Services on the above Referenced Project (See Attached Page/s for Invoice Backup)	\$680.25
Subtotal	\$680.25
Terms: Net 30	Total Due this Invoice: \$680.25

PROJECT INVOICING SUMMARY TO DATE

Contract Amount:	\$330,000.00 ✓
Amount of this Invoice:	\$680.25
Amount of Previous Invoices:	\$320,442.53 ✓
Amount Invoiced including this Invoice:	\$321,122.78
Amount Remaining including this Invoice:	\$8,877.22 ✓
Percent of Contract Complete:	97.3%

Please Remit to:
Aviles Engineering Corporation
5790 Windfern Road
Houston, Texas 77041

ok to pay
WBF
8/20/18

Please Include Invoice Number on all Remittance. Thank You and We Appreciate Your Business.

APPROVED

By Mike Stone at 1:27 pm, Aug 16, 2018

REQ 8-8-18

Project: FM 1093/Westpark Tollway Expansion Project, Phase

AEC Project No.:

C121-16

Client: Fort Bend County

Fort Bend County Engineering Department

Invoice Date: 07/31/18

Invoice No.:

071841C

Date	Report No.	Description	Quantity	Unit	Unit Rate	Amount
7/20	1082	Engineering Technician	2.5	Hour	\$ 51.00	\$ 127.50
		Trip Charge - Vehicle and Time	1	Trip	\$125.00	\$ 125.00
		Project Engineer	0.25	Hour	\$149.00	\$ 37.25
7/20	1083	Concrete Compression Test	6	Each	\$ 17.00	\$ 102.00
		Project Engineer	0.25	Hour	\$149.00	\$ 37.25
7/20	1084	Senior Engineering Technician - OT Min. Chg.	2	Hour	\$ 97.00	\$ 194.00
		Vehicle - Minimum Charge	2	Hour	\$ 10.00	\$ 20.00
		Project Engineer	0.25	Hour	\$149.00	\$ 37.25
					Total =	\$680.25

TESTING LAB FIELD REPORT

Aviles Engineering Corporation
5790 Windfern Road
Houston, TX 77041
713-895-7645

Daily ☒ Mix Dgn. Rev. HMAC ☐
Pickup ☐ Mix Dgn. Rev. Concrete ☐
Cancellation ☐
Miscellaneous ☐ Mix Dgn. Rev. Quantity 0

Date: 07/20/2018
Test Control Number: 2568
Report Number: 1082
Approval Version: 3

Testing Lab: Aviles Engineering Corporation

Contractor:

Project Name: FM 1093 Phase 1
Project No.: 1258-03-042, ETC.

Contact Name:
Phone #:
Specification:

Requested by:
Phone #:

Depart Lab: 13:00
Arrive Site: 13:00
Depart Site: 15:30
Arrive Lab: 15:30
Lunch (hrs):
Mileage Out:
Mileage In:

Total Hours: Regular* 2.50
Overtime* 0.00
Vehicle Hours:
Nuclear Density Gauge Hours: 0.00

Special Equipment:

Description/Observation:

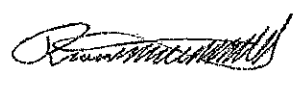
An Aviles Engineering Corporation (AEC) technician arrived at the above referenced project to provide testing and inspection services. The following testing and inspection services were provided.

Concrete Placement Testing and Inspection and molded 1 set of 6 cylinders.

If there are any questions concerning this report or if we can provide any additional information, please contact us at your convenience.

Prepared by: Carlos Avina, Technician

Approved by:


Ronald Ortwerth, P.E., Lab

Certification:

Approved Date: 07/31/2018

The above work was inspected/ sampled and tested in the manner described, and the result(s) are hereby certified by the undersigned as complete and accurate. This report shall not be reproduced except in full, without the permission of the testing laboratory. These results relate only to samples tested.

DAILY PROJECT ACTIVITY REPORT


CLIENT:	PBC	DATE:	07-20-18
PROJECT LOCATION:	Fm 1093/Westpark Tollway Phase 1	DAY:	Friday
PROJECT NAME:	1093 and 99	AEC PROJECT NO.:	121-16
CONTRACTOR:		REQUESTED BY:	

TECHNICIAN or PROJECT MANAGER TIME

[illegible]

Carlos A.
TECHNICIAN or PROJECT MANAGER

07-20-18
DATE


 CLIENT REPRESENTATIVE

7-20-18
 DATE

Concrete Field Testing and Compressive Strength

Aviles Engineering Corporation
5790 Windfern Road
Houston, TX 77041
713-895-7645

Sample ID:	F379	Sampled Date:	07/20/2018
Test Control Number:	2567	Report Number:	1083
Traceability No.:		Lab:	Aviles Engineering Corporation - QA
Project Number:	1258-03-042, ETC.	Split Sample ID:	
Sample Type:	Random-Independent	Section:	
Report Type:	Original	Spec Year:	2004
Inspector/Technician:	Carlos Avina	Spec Item:	421
Material:		Special Provision:	
Supplier/Producer:	Allied Concrete - 166	Grade:	
Structure Number:			
Sample Location:	Pilot Channel	Feature:	
Random Number:		Roadway:	
Station:	2489+03	Misc:	
Test Method:	Tex-418-A		
	Direction:		
	Distance from CL:		

BATCH INFORMATION				PUMPED PLACEMENT RESULTS	
Truck #:	6103	Batch Size:	10	Pump Slump Loss:	
Sample Time:	14:15	Agg Size:	1 1/2	Placement Slump:	
Design Water:	217	Actual Water:	217	Pump Air Loss:	
Water Added:	10	Total Water:	300.3	Placement Air:	
Batch Time:	13:14	Ticket #:	7098026		
Spec. Temp:	0 - 0	Spec. Slump:	3 - 5	Spec. Air Content:	3 - 5.5

FIELD TEST RESULTS					
Concrete Temperature (°F)	95	Slump:	5.5	Agg. Correction Factor:	
Air Temperature (°F):	98	Unit Weight:		Corrected Air Content:	0.8

CONCRETE CYLINDERS INFORMATION			
Concrete Class:	B	Req. Strength (psi):	2000
Specimen Size:	6X12	Mix ID:	21134001

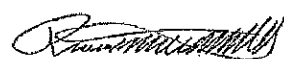
Specimen	Age (Days)	Test Date	Area	Load (lbs)	Strength (psi)	Type Fracture	Tested By
F379A	7	07/27/2018	28.463	44700	1570	6	Jose Morin
F379B	7	07/27/2018	28.463	44910	1580	6	Jose Morin
F379C	28	08/17/2018	0	0	0.0		
F379D	28	08/17/2018	0	0	0.0		
F379E	56	09/14/2018	0	0	0.0		
F379F	56	09/14/2018	0	0	0.0		

Average 7 Day Compressive Strength, psi: 1580

Average 28 Day Compressive Strength, psi:
Test Result:

Remarks: Pilot Channel from Station 2487+84 to 2489+41

Approved by:



Ronald Ortwerth, P.E.

Approved Date: 07/31/2018

* Denotes test(s) not meeting specifications.

The above work was inspected/ sampled and tested in the manner described, and the result(s) are hereby certified by the undersigned as complete and accurate.
This report shall not be reproduced except in full without the permission of the testing laboratory. These results relate only to samples tested.

TESTING LAB FIELD REPORT

Aviles Engineering Corporation
5790 Windfern Road
Houston, TX 77041
713-895-7845

Daily ☐ Mix Dgn. Rev. HMAC ☐
Pickup ☒ Mix Dgn. Rev. Concrete ☐
Cancellation ☐
Miscellaneous ☐ Mix Dgn. Rev. Quantity 0

Date: 07/21/2018
Test Control Number: 2566
Report Number: 1084
Approval Version: 3

Testing Lab: Aviles Engineering Corporation

Contractor:

Project Name: FM 1093 Phase 1
Project No.: 1258-03-042, ETC.

Contact Name:
Phone #:
Specification:

Requested by:
Phone #:

Depart Lab: 14:00
Arrive Site: 14:00
Depart Site: 14:15
Arrive Lab: 14:15
Lunch (hrs):
Mileage Out:
Mileage In:

Total Hours: Regular* 0.25
Overtime*
Vehicle Hours: 0.00
Nuclear Density Gauge Hours: 0.00

Special Equipment:

Description/Observation:

An Aviles Engineering Corporation (AEC) technician arrived at the above referenced project to provide testing and inspection services. The following testing and inspection services were provided.

Picked up 1 set of 6 cylinders from the project site and delivered to AEC's laboratory for curing and testing.

If there are any questions concerning this report or if we can provide any additional information, please contact us at your convenience.

Daniel Krahn - ACI-I/SB101 & SB102

Prepared by: William L. Wood, Technician

Certification:

Approved by:



Ronald Ortwerth, P.E., Lab

Approved Date: 07/31/2018

The above work was inspected/ sampled and tested in the manner described, and the result(s) are hereby certified by the undersigned as complete and accurate. This report shall not be reproduced except in full, without the permission of the testing laboratory. These results relate only to samples tested.

