



Reviewed
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PO #167668
oms Rec 473160
AVILES ENGINEERING CORPORATION

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

Invoice

Invoice Date: 10/31/2018
AEC Project No.: C135-18

AEC Invoice No.: 101836C - REVISION 2
AEC Customer ID: FTBCENG

Client: **Fort Bend Engineering Department**

Project: **Crossover Road Improvement Project from FM 1463 to Katy Flewellen Road, Mobility
Bond Project No. 13307, Precinct 3, CSJ 0912-34-196**

P.O. No.: 167668

Bill to:

Fort Bend County Engineering Department
Attn: J. Stacy Slawinski, PE
301 Jackson St.
Richmond, TX 77469

Email or Mail to:

AECOM
Attn: **Huy Ton, P.E.**
5444 Westheimer Rd., Suite 200
Houston, TX 77056
huy.ton@aecom.com

Current Services Provided:	Invoice Amount
Construction Materials Testing and Inspection Services on the above Referenced Project (See Attached Page/s for Invoice Backup)	\$17,351.09
Subtotal	\$17,351.09
Terms: Net 30	Total Due this Invoice: \$17,351.09

PROJECT INVOICING SUMMARY TO DATE

Purchase Order (PO) Amount:	\$69,958.85	✓
Amount of this Invoice:	\$17,351.09	✓
Amount of Previous Invoices:	\$32,955.92	✓
Amount Invoiced including this Invoice:	\$50,307.01	✓
Amount Remaining including this Invoice:	\$19,651.84	✓
Percent of Estimate Complete:	71.9%	

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

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

JEH
12/10

Aviles Engineering Corporation

Invoice Back-Up

Project: Crossover Road Improvement Project from FM 1463 to Katy
Flewellen Road, Mobility Bond Project No. 13307, Precinct 3,
CSJ 0912-34-196

AEC Project No.:

C135-18

Client: Fort Bend Engineering Department

Invoice Date: 10/31/18

Invoice No.:

101836C

Serv Date	Report No.	Code	Description	Quantity	Unit Measure	Unit Price	Amount
10/1	62	6.5	Engineering Technician - Min Charge	4	Hour	\$ 65.00	\$ 260.00
		14.5	Nuclear Density Gauge (D 6938) - Min. Charge	4	Hour	\$ 10.50	\$ 42.00
		13	Vehicle Charge - Minimum Charge	4	Hour	\$ 10.00	\$ 40.00
		3	Project Engineer, P.E	0.2	Hour	\$149.00	\$ 29.80
10/2	63	6	Engineering Technician	7.75	Hour	\$ 65.00	\$ 503.75
		14	Nuclear Density Gauge (D 6938)	7.75	Hour	\$ 10.50	\$ 81.38
		12	Vehicle Charge	7.75	Hour	\$ 10.00	\$ 77.50
		3	Project Engineer, P.E	0.3	Hour	\$149.00	\$ 44.70
10/2	64	6	Engineering Technician	2.25	Hour	\$ 65.00	\$ 146.25
		13	Vehicle Charge - Minimum Charge	4	Hour	\$ 10.00	\$ 40.00
		3	Project Engineer, P.E	0.2	Hour	\$149.00	\$ 29.80
10/2	65	26	Liquid & Plastic Limits (D 4318)	1	Each	\$ 62.00	\$ 62.00
		29	Optimum Lime Content - pH Method (D 6276)	1	Each	\$235.00	\$ 235.00
		3	Project Engineer, P.E	0.3	Hour	\$149.00	\$ 44.70
10/3	66	6	Engineering Technician	5	Hour	\$ 65.00	\$ 325.00
		14	Nuclear Density Gauge (D 6938)	5	Hour	\$ 10.50	\$ 52.50
		12	Vehicle Charge	5	Hour	\$ 10.00	\$ 50.00
		3	Project Engineer, P.E	0.3	Hour	\$149.00	\$ 44.70
10/5	67	6	Engineering Technician	4.5	Hour	\$ 65.00	\$ 292.50
		14	Nuclear Density Gauge (D 6938)	4.5	Hour	\$ 10.50	\$ 47.25
		12	Vehicle Charge	4.5	Hour	\$ 10.00	\$ 45.00
		3	Project Engineer, P.E	0.3	Hour	\$149.00	\$ 44.70
10/5	68	38	Rpt of In-Place Dens & Lime Add Rate Calc	1	Each	\$ -	\$ -
		26	Liquid & Plastic Limits (D 4318)	1	Each	\$ 62.00	\$ 62.00
		3	Project Engineer, P.E	0.3	Hour	\$149.00	\$ 44.70
10/5	69	44	Report Number Not In Use	1	Each	\$ -	\$ -
10/8	70	6	Engineering Technician	8	Hour	\$ 65.00	\$ 520.00
		7	Engineering Technician - Overtime	4.25	Hour	\$ 97.50	\$ 414.38
		12	Vehicle Charge	12.25	Hour	\$ 10.00	\$ 122.50
		3	Project Engineer, P.E	0.3	Hour	\$149.00	\$ 44.70
10/8	71	39	Report of Proofrolling Inspection	1	Each	\$ -	\$ -
		3	Project Engineer, P.E	0.3	Hour	\$149.00	\$ 44.70
10/9	72	6	Engineering Technician	8	Hour	\$ 65.00	\$ 520.00
		7	Engineering Technician - Overtime	5.5	Hour	\$ 97.50	\$ 536.25
		12	Vehicle Charge	13.5	Hour	\$ 10.00	\$ 135.00
		3	Project Engineer, P.E	0.3	Hour	\$149.00	\$ 44.70
10/9	73	42	Report of Flyash Application Inspection	1	Each	\$ -	\$ -
		3	Project Engineer, P.E	0.3	Hour	\$149.00	\$ 44.70

Aviles Engineering Corporation

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Project: Crossover Road Improvement Project from FM 1463 to Katy
Flewellen Road, Mobility Bond Project No. 13307, Precinct 3,
CSJ 0912-34-196

AEC Project No.:

C135-18

Client: Fort Bend Engineering Department

Invoice Date: 10/31/18

Invoice No.:

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Serv Date	Report No.	Code	Description	Quantity	Unit Measure	Unit Price	Amount
10/9	73A	43	Report of Grading of LS Soil After Final Mix	1	Each	\$ -	\$ -
		3	Project Engineer, P.E	0.3	Hour	\$149.00	\$ 44.70
10/9	74	6	Engineering Technician	2.25	Hour	\$ 65.00	\$ 146.25
		13	Vehicle Charge - Minimum Charge	4	Hour	\$ 10.00	\$ 40.00
		3	Project Engineer, P.E	0.2	Hour	\$149.00	\$ 29.80
10/9	75	24	OMD Lime Stabilized Soil (D 698)	1	Each	\$225.00	\$ 225.00
		3	Project Engineer, P.E	0.3	Hour	\$149.00	\$ 44.70
10/10	76	4	Project Manager	3	Hour	\$101.00	\$ 303.00
		13	Vehicle Charge - Minimum Charge	4	Hour	\$ 10.00	\$ 40.00
10/10	77	6	Engineering Technician	8	Hour	\$ 65.00	\$ 520.00
		7	Engineering Technician - Overtime	1	Hour	\$ 97.50	\$ 97.50
		14	Nuclear Density Gauge (D 6938)	9	Hour	\$ 10.50	\$ 94.50
		12	Vehicle Charge	9	Hour	\$ 10.00	\$ 90.00
		3	Project Engineer, P.E	0.3	Hour	\$149.00	\$ 44.70
10/10	78	42	Report of Flyash Application Inspection	1	Each	\$ -	\$ -
		3	Project Engineer, P.E	0.3	Hour	\$149.00	\$ 44.70
10/10	79	36	Report of Field Compaction Tests	1	Each	\$ -	\$ -
		3	Project Engineer, P.E	0.3	Hour	\$149.00	\$ 44.70
10/10	80	43	Report of Grading of LS Soil After Final Mix	1	Each	\$ -	\$ -
		3	Project Engineer, P.E	0.3	Hour	\$149.00	\$ 44.70
10/10	81	26	Liquid & Plastic Limits (D 4318)	5	Each	\$ 62.00	\$ 310.00
		3	Project Engineer, P.E	0.3	Hour	\$149.00	\$ 44.70
10/10	82	44	Report Number Not In Use	1	Each	\$ -	\$ -
10/10	83	44	Report Number Not In Use	1	Each	\$ -	\$ -
10/10	84	44	Report Number Not In Use	1	Each	\$ -	\$ -
10/10	85	44	Report Number Not In Use	1	Each	\$ -	\$ -
10/11	86	6	Engineering Technician	8	Hour	\$ 65.00	\$ 520.00
		7	Engineering Technician - Overtime	4	Hour	\$ 97.50	\$ 390.00
		14	Nuclear Density Gauge (D 6938)	12	Hour	\$ 10.50	\$ 126.00
		12	Vehicle Charge	12	Hour	\$ 10.00	\$ 120.00
		3	Project Engineer, P.E	0.3	Hour	\$149.00	\$ 44.70
10/11	87	45	Rpt of Thick Test on Lime Stab. Subgrade	1	Each	\$ -	\$ -
		3	Project Engineer, P.E	0.3	Hour	\$149.00	\$ 44.70
10/11	88	44	Report Number Not In Use	1	Each	\$ -	\$ -
10/11	89	46	Report of Lime Application Inspection	1	Each	\$ -	\$ -
		3	Project Engineer, P.E	0.3	Hour	\$149.00	\$ 44.70
10/11	90	42	Report of Flyash Application Inspection	1	Each	\$ -	\$ -
		3	Project Engineer, P.E	0.3	Hour	\$149.00	\$ 44.70

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Flewellen Road, Mobility Bond Project No. 13307, Precinct 3,
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AEC Project No.:

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Serv Date	Report No.	Code	Description	Quantity	Unit Measure	Unit Price	Amount
10/11	91	43	Report of Grading of LS Soil After Final Mix	1	Each	\$ -	\$ -
		3	Project Engineer, P.E	0.3	Hour	\$149.00	\$ 44.70
10/11	92	6	Engineering Technician	2.5	Hour	\$ 65.00	\$ 162.50
		13	Vehicle Charge - Minimum Charge	4	Hour	\$ 10.00	\$ 40.00
		3	Project Engineer, P.E	0.2	Hour	\$149.00	\$ 29.80
10/11	93	24	OMD Lime Stabilized Soil (D 698)	1	Each	\$225.00	\$ 225.00
		3	Project Engineer, P.E	0.3	Hour	\$149.00	\$ 44.70
10/12	94	6	Engineering Technician	8	Hour	\$ 65.00	\$ 520.00
		7	Engineering Technician - Overtime	4	Hour	\$ 97.50	\$ 390.00
		12	Vehicle Charge	12	Hour	\$ 10.00	\$ 120.00
		14	Nuclear Density Gauge (D 6938)	12	Hour	\$ 10.50	\$ 126.00
		3	Project Engineer, P.E	0.3	Hour	\$149.00	\$ 44.70
10/12	95	43	Report of Grading of LS Soil After Final Mix	1	Each	\$ -	\$ -
		3	Project Engineer, P.E	0.3	Hour	\$149.00	\$ 44.70
10/12	96	36	Report of Field Compaction Tests	1	Each	\$ -	\$ -
		3	Project Engineer, P.E	0.3	Hour	\$149.00	\$ 44.70
10/12	97	45	Rpt of Thick Test on Lime Stab. Subgrade	1	Each	\$ -	\$ -
		3	Project Engineer, P.E	0.3	Hour	\$149.00	\$ 44.70
10/12	98	39	Report of Proofrolling Inspection	1	Each	\$ -	\$ -
		3	Project Engineer, P.E	0.3	Hour	\$149.00	\$ 44.70
10/12	99	44	Report Number Not In Use	1	Each	\$ -	\$ -
10/13	100	6	Engineering Technician	7.5	Hour	\$ 65.00	\$ 487.50
		14	Nuclear Density Gauge (D 6938)	7.5	Hour	\$ 10.50	\$ 78.75
		12	Vehicle Charge	7.5	Hour	\$ 10.00	\$ 75.00
		3	Project Engineer, P.E	0.3	Hour	\$149.00	\$ 44.70
10/13	101	43	Report of Grading of LS Soil After Final Mix	1	Each	\$ -	\$ -
		3	Project Engineer, P.E	0.3	Hour	\$149.00	\$ 44.70
10/13	102	36	Report of Field Compaction Tests	1	Each	\$ -	\$ -
		3	Project Engineer, P.E	0.3	Hour	\$149.00	\$ 44.70
10/13	103	45	Rpt of Thick Test on Lime Stab. Subgrade	1	Each	\$ -	\$ -
		3	Project Engineer, P.E	0.3	Hour	\$149.00	\$ 44.70
10/17	104	6	Engineering Technician	2.25	Hour	\$ 65.00	\$ 146.25
		13	Vehicle Charge - Minimum Charge	4	Hour	\$ 10.00	\$ 40.00
		3	Project Engineer, P.E	0.2	Hour	\$149.00	\$ 29.80
10/17	105	30	Cement Sand Compressive Str. (D 1633)	4	Each	\$ 71.00	\$ 284.00
		3	Project Engineer, P.E	0.3	Hour	\$149.00	\$ 44.70

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10/17	106	6	Engineering Technician	5	Hour	\$ 65.00	\$ 325.00
		14	Nuclear Density Gauge (D 6938)	5	Hour	\$ 10.50	\$ 52.50
		12	Vehicle Charge	5	Hour	\$ 10.00	\$ 50.00
		3	Project Engineer, P.E	0.3	Hour	\$149.00	\$ 44.70
10/18	107	6	Engineering Technician	1	Hour	\$ 65.00	\$ 65.00
		7	Engineering Technician - Overtime	4	Hour	\$ 97.50	\$ 390.00
		12	Vehicle Charge	5	Hour	\$ 10.00	\$ 50.00
		16	Compressive Strength (Cylinder) (C 39)	4	Each	\$ 17.00	\$ 68.00
		3	Project Engineer, P.E	0.2	Hour	\$149.00	\$ 29.80
10/19	108	6	Engineering Technician	6	Hour	\$ 65.00	\$ 390.00
		7	Engineering Technician - Overtime	4	Hour	\$ 97.50	\$ 390.00
		12	Vehicle Charge	10	Hour	\$ 10.00	\$ 100.00
		16	Compressive Strength (Cylinder) (C 39)	4	Each	\$ 17.00	\$ 68.00
		3	Project Engineer, P.E	0.2	Hour	\$149.00	\$ 29.80
10/19	109	16	Compressive Strength (Cylinder) (C 39)	4	Each	\$ 17.00	\$ 68.00
		3	Project Engineer, P.E	0.2	Hour	\$149.00	\$ 29.80
10/19	110	16	Compressive Strength (Cylinder) (C 39)	4	Each	\$ 17.00	\$ 68.00
		3	Project Engineer, P.E	0.2	Hour	\$149.00	\$ 29.80
10/19	111	16	Compressive Strength (Cylinder) (C 39)	4	Each	\$ 17.00	\$ 68.00
		3	Project Engineer, P.E	0.2	Hour	\$149.00	\$ 29.80
10/20	112	7	Engineering Technician - Overtime	2.25	Hour	\$ 97.50	\$ 219.38
		13	Vehicle Charge - Minimum Charge	4	Hour	\$ 10.00	\$ 40.00
		3	Project Engineer, P.E	0.2	Hour	\$149.00	\$ 29.80
10/27	113	7	Engineering Technician - Overtime	9	Hour	\$ 97.50	\$ 877.50
		12	Vehicle Charge	9	Hour	\$ 10.00	\$ 90.00
		16	Compressive Strength (Cylinder) (C 39)	4	Each	\$ 17.00	\$ 68.00
		3	Project Engineer, P.E	0.2	Hour	\$149.00	\$ 29.80
10/27	114	16	Compressive Strength (Cylinder) (C 39)	4	Each	\$ 17.00	\$ 68.00
		3	Project Engineer, P.E	0.2	Hour	\$149.00	\$ 29.80
10/27	115	16	Compressive Strength (Cylinder) (C 39)	4	Each	\$ 17.00	\$ 68.00
		3	Project Engineer, P.E	0.2	Hour	\$149.00	\$ 29.80
10/27	116	16	Compressive Strength (Cylinder) (C 39)	4	Each	\$ 17.00	\$ 68.00
		3	Project Engineer, P.E	0.2	Hour	\$149.00	\$ 29.80
10/29	117	6	Engineering Technician	7.75	Hour	\$ 65.00	\$ 503.75
		12	Vehicle Charge	7.75	Hour	\$ 10.00	\$ 77.50
		16	Compressive Strength (Cylinder) (C 39)	4	Each	\$ 17.00	\$ 68.00
		3	Project Engineer, P.E	0.2	Hour	\$149.00	\$ 29.80

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Serv Date	Report No.	Code	Description	Quantity	Unit Measure	Unit Price	Amount
10/29	118	16	Compressive Strength (Cylinder) (C 39)	4	Each	\$ 17.00	\$ 68.00
		3	Project Engineer, P.E	0.2	Hour	\$149.00	\$ 29.80
10/30	119	6	Engineering Technician	2.25	Hour	\$ 65.00	\$ 146.25
		13	Vehicle Charge - Minimum Charge	4	Hour	\$ 10.00	\$ 40.00
		3	Project Engineer, P.E	0.2	Hour	\$149.00	\$ 29.80
10/31	120	6	Engineering Technician	5.5	Hour	\$ 65.00	\$ 357.50
		12	Vehicle Charge	5.5	Hour	\$ 10.00	\$ 55.00
		3	Project Engineer, P.E	0.3	Hour	\$149.00	\$ 44.70
						Total =	\$17,351.09