

PO 185760
DMS
REC 532515

AGENDA

VISIT OUR WEBSITE AT:
www.rkci.com

INVOICE

INVOICE #: H013353

CONSULTANTS * ENVIRONMENTAL * FACILITIES * INFRASTRUCTURE

BILLING DATE : 4/9/2020
CLIENT : 09C04647
Fort Bend County Texas

PROJECT : AHD1913200
Various Roads in City of Arcola

RABA KISTNER
ARCHITECTS & ENGINEERS
ARCHITECTS INSTRUCTIONS for RABA KISTNER, Inc.

Fort Bend County Texas
P.O. Box 148
Richmond, TX 77406-0148

REMITTANCE ADDRESS:
RABA KISTNER, INC.
P.O. BOX 971037
DALLAS, TX 75397-1037

PHONE (210) 699-9090

CONSULTING SERVICES

INVOICE SUMMARY INFORMATION

Various Roads in City of Arcola
email invoices to: enginvoic@fortbendcountytx.gov
PO No. 185760

FOR PROFESSIONAL SERVICES RENDERED THROUGH: 3/14/2020

DATE	REPORT / ASSIGNMENT	SERVICE	CODE	QUANTITY	RATE	UNIT	AMOUNT
03/04/2020	H20-011398	Technician NICET II	107000	8.00	65.00	/HR	520.00
	H20-011398	HMA - 1A					
	H20-011398	Technician NICET II	107010	2.50	97.50	/HR	243.75
	H20-011398	HMA-1A OT					
	H20-011398	Administrative/Engineering Assistant	115000	0.25	60.00	/HR	15.00
	H20-011398	Vehicle Charge	150000	10.50	10.00	/HR	105.00
	H20-011398	Nuclear Density	951000	10.50	10.50	/HR	110.25
		Equipment Rental					
03/05/2020	H20-011406	Technician NICET II	107000	8.00	65.00	/HR	520.00
	H20-011406	HMA - 1A					
	H20-011406	Technician NICET II	107010	2.50	97.50	/HR	243.75
	H20-011406	HMA-1A OT					
	H20-011406	Administrative/Engineering Assistant	115000	0.25	60.00	/HR	15.00
	H20-011406	Vehicle Charge	150000	10.50	10.00	/HR	105.00
	H20-011406	Nuclear Density	951000	10.50	10.50	/HR	110.25
		Equipment Rental					
03/06/2020	H20-011504	Technician NICET II	107000	8.00	65.00	/HR	520.00
	H20-011504	HMA - 1A					
	H20-011504	Technician NICET II	107010	3.00	97.50	/HR	292.50
	H20-011504	HMA-1A OT					
	H20-011504	Administrative/Engineering Assistant	115000	0.25	60.00	/HR	15.00
	H20-011504	Vehicle Charge	150000	11.00	10.00	/HR	110.00
	H20-011504	Nuclear Density	951000	11.00	10.50	/HR	115.50
		Equipment Rental					
03/07/2020	H20-011505	Technician NICET II	107010	7.50	97.50	/HR	731.25
	H20-011505	HMA-1A OT					
	H20-011505	Administrative/Engineering Assistant	115000	0.25	60.00	/HR	15.00

* Invoices are submitted monthly and are due on receipt. * Carrying charges may be assessed on Invoices unpaid beyond 30 days from billing date.
AP Apr-20 **PLEASE PAY FROM THIS INVOICE.**



BILLING DATE : 4/9/2020
PROJECT : AHD1913200 09C04647
 Various Roads in City of Arcola
 Fort Bend County Texas

DATE	REPORT / ASSIGNMENT	SERVICE	CODE	QUANTITY	RATE	UNIT	AMOUNT
03/07/2020	H20-011505	Vehicle Charge	150000	7.50	10.00	/HR	75.00
	H20-011505	Nuclear Density	951000	7.50	10.50	/HR	78.75
03/10/2020	H20-011580	Equipment Rental Technician NICET II	107000	8.00	65.00	/HR	520.00
	H20-011580	HMA - 1A Technician NICET II	107010	2.50	97.50	/HR	243.75
	H20-011580	HMA-1A OT Administrative/Engineering Assistant	115000	0.25	60.00	/HR	15.00
	H20-011580	Vehicle Charge	150000	10.50	10.00	/HR	105.00
	H20-011580	Nuclear Density	951000	10.50	10.50	/HR	110.25
03/11/2020	H20-011613	Equipment Rental Technician NICET II	107000	8.00	65.00	/HR	520.00
	H20-011613	HMA - 1A Technician NICET II	107010	3.50	97.50	/HR	341.25
	H20-011613	HMA-1A OT Administrative/Engineering Assistant	115000	0.25	60.00	/HR	15.00
	H20-011613	Vehicle Charge	150000	11.50	10.00	/HR	115.00
	H20-011613	Nuclear Density	951000	11.50	10.50	/HR	120.75
		Equipment Rental					
SUBTOTAL INVOICE *							6,047.00
AMOUNT DUE THIS INVOICE **							6,047.00

Authorization Amount	\$	42,333.00
Amount Previously Billed	\$	14,427.39
Amount This Invoice	\$	6,047.00
Total Billed to Date	\$	20,474.39
Amount Remaining	\$	21,858.61
Percent Billed		48.37%

* Invoices are submitted monthly and are due on receipt. * Carrying charges may be assessed on invoices unpaid beyond 30 days from billing date.
 AP Apr-20 **PLEASE PAY FROM THIS INVOICE.**

FIELD TEST REPORT

Soil/Base Material Nuclear Density Test



ATTN.: MR. A. IKE AKINWANDE, P.E., S.E., MLSE
 TO: FORT BEND COUNTY ENGINEERING DEPARTMENT
 301 JACKSON STREET
 4TH FLOOR
 RICHMOND, TX U.S. 77469
PROJECT: Various Roads in City of Arcola

PROJECT NO.: AHD19-132-00
 REPORT NO.: 28 , 2 of 2 (H20-011398)
 REPORT VERSION: A
 DATE: 03/04/2020
 TECHNICIAN: PAUL J ELKINS
 CERTIFICATION: NICET III SOILS

CONTRACTOR: Angel Brothers
SPECIFICATION: HC 433

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT COMPACTION (%)
107	Near STA: 17+90	1	1st	9.2	109.8	97
	Near STA: 17+50		Bedding	9.9	112.3	
109	Near STA: 17+70	1	2nd	9.5	110.2	97
110	Near STA: 17+40	1	3rd	9.1	109.5	97
111	Near STA: 17+60	1	Top of Pipe	9.5	110.6	98

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DEN. (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
1	Cement Stabilized Sand-CSS (Proposed Backfill Material)	10.3	113.4	0.1-10.3	95	ASTM D 558 Method B

REFERENCE: Backfill/Utility Line TRANS DEPTH: 6" TEST MODE: Method A
 DENSITY COUNT: 2577 MOISTURE COUNT: 425
 FIELD TEST PROCEDURE: ASTM D 6938 GAUGE NO.: 3564
 REMARKS: Lift information was provided by the contractor. Mr. Woodford Lusk w/Othon Consulting was verbally notified of field test results.

* - Indicates noncompliance with specifications.

COPIES TO: Above (1)
 Invoice (1)
 Othon, Inc. (1)
 Binkley Barfield (1)

RABA KISTNER CONSULTANTS, INC.



Updated By: NMG 3/5/2020 1:34:06PM H20-011398

Reviewed By: NMG 3/5/2020 1:34:11PM

Depart Lab: 7:30 a.m. Arrive Site: 8:30 a.m. Lunch: 0.50 Hrs
 Depart Site: 5:30 p.m. Arrive Lab: 6:30 p.m. Time: 10.50 Hrs

NOTICE: Raba Kistner Consultants, Inc. considers the data and information contained in this report to be proprietary. This information is intended only for the use of the recipient(s) named herein. Test results presented herein relate only to those items tested. This document and any information contained herein shall not be disclosed and shall not be duplicated or used in whole or in part for any purpose other than to validate test results without written approval from Raba Kistner Consultants, Inc.



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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test



ATTN: MR. A. IKE AKINWANDE, P.E., S.E., MLSE
 TO: FORT BEND COUNTY ENGINEERING DEPARTMENT
 301 JACKSON STREET
 4TH FLOOR
 RICHMOND, TX U.S. 77469
PROJECT: Various Roads In City of Arcola

PROJECT NO.: AHD19-132-00
 REPORT NO.: 29 , 3 of 3 (H20-011406)
 REPORT VERSION: A
 DATE: 03/05/2020
 TECHNICIAN: DURAUD AL DAFFAIE
 CERTIFICATION: NICET II SOILS

CONTRACTOR: Angel Brothers
SPECIFICATION: HC 433

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT COMPACTION (%)
123	South Side of Pipe Near STA.: 18+30	1	1st	8.9	108.0	95
124	South Side of Pipe Near STA.: 18+20	1	2nd	9.4	111.5	98
125	South Side of Pipe Near STA.: 18+40	1	2nd	10.2	109.7	97
126	Near STA.: 18+30	1	Top of Pipe	9.9	107.8	95

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DEN. (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
1	Cement Stabilized Sand-CSS (Proposed Backfill Material)	10.3	113.4	0.1-10.3	95	ASTM D 558 Method B

REFERENCE: Backfill/Utility Line TRANS DEPTH: 6" TEST MODE: Method A
 DENSITY COUNT: 2159 MOISTURE COUNT: 607
 FIELD TEST PROCEDURE: ASTM D 6938 GAUGE NO.: 32-015 /61850
 REMARKS: Lift information was provided by the contractor. Mr. Woodford Lusk w/Othon Consulting was verbally notified of field test results.

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 Binkley Barfield (1)

RABA KISTNER CONSULTANTS, INC.



Updated By: NMG 3/6/2020 2:57:46PM H20-011406

Reviewed By: NMG 3/6/2020 2:57:50PM

Depart Lab: 8:00 a.m. Arrive Site: 9:00 a.m. Lunch: 0.50 Hrs
 Depart Site: 6:00 p.m. Arrive Lab: 7:00 p.m. Time: 10.50 Hrs

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