



PO # 137084
ams

Rec 438116

Houston 6120 S. Dairy Ashford Rd.
Austin Houston, TX 77072-1010
Dallas 281.933.7388 Ph
San Antonio 281.933.7293 Fax
www.hvj.com

Sunday, December 31, 2017 - Saturday, January 27, 2018

To: Mr. Richard W Stollies, PE
FT. Bend County Engineer
301 Jackson Street
Richmond, TX 77469

HVJ Project #: HC1510280
HVJ Invoice #: 18-036
HVJ Client #:
Date: 2/9/2018
Terms: Net 30 Days
Page: 1 of 1

Project: FM1093/Westpark Tollway Expansion, West of SH 99

Please Remit Payment to:
HVJ Associates, Inc.
P.O. Box 670581
Dallas, TX 75267-0581

PAST DUE INVOICES
Billing Inquiries: 281-983-8842

Date/ Report No	Code	Description	Unit Price	Unit Measure	Quantity	Amount
0125/W12758	10700	Tech 2/Field Soil Testing SB102	\$ 65.00	hour	8.00	\$ 520.00
0125/W12758	10300	Engineering Report Review (@ 0.25 hr/report)	\$ 149.00	hour	0.25	\$ 37.25
0125/W12758	95100	Nuclear Gauge	\$ 10.50	hour	8.00	\$ 84.00
0125/W12758		Vehicle	\$ 125.00	trip	1.00	\$ 125.00

Amount Due \$ 766.25

Billing Summary

Contract Amount	\$470,000 ✓
Current Invoice Amount	\$ 766.25
Previously Billed	\$ 384,610.94 ✓
Total Billed Project to Date	\$ 385,377.19 ✓
Amount Remaining in the Contract	\$ 84,622.81 ✓
Percent Complete	82.0%

*ok to pay
Photo 2/24/18*

Certification

I certify that the above shown duly reflects services performed on referenced contract and that none of the sums currently billed have previously been paid. I also certify that all services have been performed for which payment is requested.

S Vedantam

Sharmi Vedantam, PE
Houston Professional Services Manager

APPROVED
By Mike Stone at 1:56 pm, Feb 20, 2018



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W12758

DAILY FIELD ACTIVITY REPORT

PROJECT NAME: FM 1093/West Park Tollway Expansion, west of SH 99
 WBS NO: (COH) W12758 TIME LEFT LAB: 7:00 AM/PM
 HVJ PROJECT NO: HC1510280 TIME ARRIVED SITE: 7:30 AM/PM
 CLIENT NAME: Fort Bend County Engineers TIME LEFT SITE: 4:00 AM/PM
 CONTRACTOR: Webber TIME ARRIVED LAB: 5:00 AM/PM
 DAY: Thursday LUNCH: 1/2
 DATE: 01-25-18 TOTAL HOURS: 9:30 (8)

THE FOLLOWING ACTIVITIES WERE PERFORMED:

- SAMPLE P/U (BEAM OR CYL) FIELD DENSITY TESTING CONC MONITOR/SAMPLING
 SOIL SAMPLE P/U ASPHALT TESTING CONSTRUCTION SURVEY
 OTHER _____

SUMMARY OF FIELD ACTIVITIES: AS request by contractor, HVJ Tech arrived at the job site for field density testing. Embankment at West Park Meadows Drive WBFR Sta# 2475+00 (center of driveway), Pound # 1, Storm Box (L=160)

TECH SIGNATURE: [Signature] CERT LEVEL & ORG.: NICET II
 TECHNICIAN PRINTED NAME: Hassan G.
 INSPECTOR SIGNATURE: [Signature] INSPECTOR NAME (print): JEFF PILGRIM
 DATE: 1/25/18 TIME: 4:00 PM

Report of Water Content and Density of Soil by In-Place Nuclear Method

HVJ Associates
6120 South Dairy Ashford
Houston, TX 77072
281-983-8807

Test Control Number: 2533	Test Date: 01/25/2018	Report Number: ND:HOU-W12758
Traceability No.: 1258-03-042, ETC.	Lab: HVJ Associates - QA	
Report Type: Original	Section: 2004	
Inspector/Technician: Hassan Ghodabi	Spec Year: 132	
Material: Brown Sandy Fat Clay	Spec Provision: Specification Item	
Supplier/Producer: See remarks	Grade:	
Structure Number: 2475+00	Feature: Roadway: FM 1093	
Sample Location: 2475+00	Misc:	
Course/Lift: Tex-115-E		
Station: Tex-115-E		
Test Method: Troxler Electronics		
Test Instrument: 1705	Serial No: 10363	
Standard Counts: (Density) 525	Test Depth (in): 6	
(Moisture)		
Compaction Equipment: Sheepfoot Roller		

Tex-115-E	PI <= 15, % Compaction is >= 98%	N/A
	15 < PI <= 35, % Compaction is 98% - 102%	>= Wopt
	PI > 35, % Compaction is 95% - 100%	>= Wopt

Proctor ID	Material Description	Soil Class	Max. Dry Density (pcf)	Optimum Moisture (%)	LL	PI	Moisture Specification (%)		Compaction Specification (%)	
							Min	Max	Min	Max
W6134-S5	Brown Sandy Fat Clay	CH	112.1	12.9	54	38	12.9	95	100	100

Field Test No.	Location Description	Station	Offset	Elev./Lift	Random No. 1	Random No. 2	Proctor ID	Dry Density (lbs/ft3)	Wet Density (lbs/ft3)	Moisture Content (%)	Compaction (%)	Pass/Fail	Sample Type	Test Remarks
2160	From NW corner of storm box, 65' E			Final			W6134-S5	110.1	128.9	17.1	98.2	Pass		
2161	from NW corner of storm box, 35' E			Final			W6134-S5	109.7	128.8	17.4	97.9	Pass		
2162	from NW corner of storm box, 120' E			Final			W6134-S5	112.2	129.4	15.3	100.1	Eng. Dec.		percentage compaction is above 100
2163	from NW corner of storm box, 40' E			Final			W6134-S5	111.5	128.3	15.1	99.5	Pass		

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.

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Test Control Number: 2533
Traceability No.: 1258-03-042, ETC.
Project Number:

Test Date: 01/25/2018
Report Number: ND:HOU-W/12758
Lab: HVJ Associates - QA

Field Test No.	Location Description	Station	Offset	Elev./Lift	Random No. 1	Random No. 2	Proctor ID	Dry Density (lbs/ft ³)	Wet Density (lbs/ft ³)	Moisture Content (%)	Compaction (%)	Pass/Fail	Sample Type	Test Remarks
2164	from NW corner of storm box, 20' E			Final			W6134-S 5	110.3	128.7	16.7	98.4	Pass		

Remarks: Embankment, Westpark Meadows Drive WBFR Sta. 2475+00 (center of driveway) pound #1 (stormbox L=160)

Approved by:



Hirendra Patel

Approved Date: 02/14/2018

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