

FORT BEND COUNTY ~~FY-2009~~
COMMISSIONERS COURT AGENDA REQUEST FORM

Return Completed Form by E-Mail to: Agenda Coordinator, County Judge's Office

Date Submitted: 09/21/2009	Submitted By: P.Batts
Court Agenda Date: 10/02/09 6	Department: Engineering
	Phone Number: 281 633 7507

SUMMARY OF ITEM: Approve Payment of Invoice No. T067250 (Pay Estimate No.2) in the amount of \$7,715.00 to Terracon regarding Greenbusch Road, Phase I, (from Katy Flewellen Road to Shadow Forest), Mobility Bond Project #732, Precinct 3. (2007 Mobility Bonds) Lawson P.O.#33590

RENEWAL AGREEMENT/APPOINTMENT YES NO
REVIEWED BY COUNTY ATTORNEY'S OFFICE: YES NO

FINANCIAL SUMMARY:

BUDGETED ITEM: YES NO

FUNDNG SOURCE: Accounting Unit: _____ Account Number: _____
Activity (If Applicable): _____

DESCRIPTION OF LAWSOM ACCOUNT: _____

Instructions to submit Agenda Request Form:

- Completely fill out agenda form: incomplete forms will not be processed.
- Agenda Request Forms should be submitted by e-mail, fax, or inter-office mail, and all back-up information must be provided by Wednesday at 2:00 p.m. to all those listed below.
- All original back-up must be received in the County Judge's Office by 2:00 p.m. on Wednesday.

DISTRIBUTION:
Original Form Submitted with back up to County Judge's Office (✓ when completed)
If by E-Mail to ospindon@co.fort-bend.tx.us If by Fax to (281) 341-8609

Distribute copies with back-up to all listed below. If by fax, send to numbers below:

<input type="checkbox"/> Auditor (281-341-3774)	<input type="checkbox"/> Comm. Pct. 1 (281-342-0587)
<input type="checkbox"/> Budget Officer (281-344-3954)	<input type="checkbox"/> Comm. Pct. 2 (281-403-8009)
<input type="checkbox"/> Facilities/Planning (281-633-7022)	<input type="checkbox"/> Comm. Pct. 3 (281-242-9060)
<input type="checkbox"/> Purchasing Agent (281-341-8642)	<input type="checkbox"/> Comm. Pct. 4 (281-980-9077)
<input type="checkbox"/> Information Technology (281-341-4526)	<input type="checkbox"/> County Clerk (281-341-8697)
<input type="checkbox"/> Other:	<input type="checkbox"/> County Atty (281-341-4557)

RECOMMENDATION / ACTION REQUESTED:

Special Handling Requested (specify): _____



INVOICE

*OK
N/A*

P.O. 33590

11555 Clay Road, Suite 100
Houston, TX 77043
713-690-8989

Project Manager: Jason Mills

Project: Greenbusch Road Phase I
FBC Project No 732
From Katy Flewellen Rd to Shadow Forest

To: Fort Bend County Engineering
Attn: Nathan Hatcher
1124 Blume Rd
Rosenberg, TX 77471

REMIT TO:
Invoice Number: T067250
Terracon Consultants, Inc.
P.O. Box 931277
Kansas City, MO 64193-1277
Federal E.I.N.: 42-1249917

P.O. Number: 33590

Project Number:	92091181
Contract Amount:	\$85,077.00
Billed to Date:	\$17,038.25
Invoice Date:	9/04/2009
Services Through:	8/29/2009

Date	Report	Description of Services	Quantity	Rate	Total
8/3/09	92091181.0020	Technician, ACI - I, II, per hour	1.50	\$44.00	\$66.00
8/3/09	92091181.0020	Vehicle Charge, per hour	1.50	\$7.50	\$11.25
8/4/09	92091181.0022	Technician, ACI - I, II, per hour	8.00	\$44.00	\$352.00
8/4/09	92091181.0022	Technician, ACI - I, II, per hour - OT	4.00	\$66.00	\$264.00
8/4/09	92091181.0022	Vehicle Charge, per hour	8.00	\$7.50	\$60.00
8/4/09	92091181.0022	Nuclear Density Gauge, per hour	8.00	\$9.00	\$72.00
8/4/09	92091181.0023	Technician - Level II, per hour	2.00	\$50.00	\$100.00
8/4/09	92091181.0023	Vehicle Charge, per hour	2.00	\$7.50	\$15.00
8/4/09	92091181.0023	Molding and Compressive Strength of Cement Stab. Sand, each	4.00	\$61.00	\$244.00
8/5/09	92091181.0024	Technician, ACI - I, II, per hour	8.00	\$44.00	\$352.00
8/5/09	92091181.0024	Technician, ACI - I, II, per hour - OT	5.00	\$66.00	\$330.00
8/5/09	92091181.0024	Vehicle Charge, per hour	8.00	\$7.50	\$60.00
8/5/09	92091181.0024	Nuclear Density Gauge, per hour	8.00	\$9.00	\$72.00
8/6/09	92091181.0025	Technician, ACI - I, II, per hour	8.00	\$44.00	\$352.00
8/6/09	92091181.0025	Technician, ACI - I, II, per hour - OT	3.00	\$66.00	\$198.00
8/6/09	92091181.0025	Vehicle Charge, per hour	8.00	\$7.50	\$60.00
8/6/09	92091181.0025	Nuclear Density Gauge, per hour	8.00	\$9.00	\$72.00
8/6/09	92091181.0026	Molding and Compressive Strength of Cement Stab. Sand, each	4.00	\$61.00	\$244.00
8/7/09	92091181.0027	Technician, ACI - I, II, per hour	7.50	\$44.00	\$330.00
8/7/09	92091181.0027	Technician, ACI - I, II, per hour - OT	0.50	\$66.00	\$33.00
8/7/09	92091181.0027	Vehicle Charge, per hour	8.00	\$7.50	\$60.00
8/7/09	92091181.0027	Nuclear Density Gauge, per hour	8.00	\$9.00	\$72.00
8/10/09	92091181.0028	Technician, ACI - I, II, per hour	3.50	\$44.00	\$154.00
8/10/09	92091181.0028	Vehicle Charge, per hour	3.50	\$7.50	\$26.25
8/11/09	92091181.0029	Technician, ACI - I, II, per hour	8.00	\$44.00	\$352.00
8/11/09	92091181.0029	Technician, ACI - I, II, per hour - OT	4.00	\$66.00	\$264.00
8/11/09	92091181.0029	Vehicle Charge, per hour	8.00	\$7.50	\$60.00
8/11/09	92091181.0029	Nuclear Density Gauge, per hour	8.00	\$9.00	\$72.00
8/11/09	92091181.0030	Molding and Compressive Strength of Cement Stab. Sand, each	4.00	\$61.00	\$244.00
8/12/09	92091181.0031	Technician, ACI - I, II, per hour	7.50	\$44.00	\$330.00

We accept MasterCard, VISA, and Discover. Please call (800) 593-7777, option 12, with your electronic payment or credit card information.

TERMS: DUE UPON PRESENTATION OF INVOICE



INVOICE

Invoice Number: T067250
 Project Number: 92091181
 Project: Greenbusch Road
 Phase I
 FBC Project No 732

Project Manager: Jason Mills

Date	Report	Description of Services	Quantity	Rate	Total
Continued					
8/12/09	92091181.0031	Technician, ACI - I, II, per hour - OT	0.50	\$66.00	\$33.00
8/12/09	92091181.0031	Vehicle Charge, per hour	8.00	\$7.50	\$60.00
8/12/09	92091181.0031	Nuclear Density Gauge, per hour	8.00	\$9.00	\$72.00
8/13/09	92091181.0032	Technician, ACI - I, II, per hour	8.00	\$44.00	\$352.00
8/13/09	92091181.0032	Technician, ACI - I, II, per hour - OT	3.00	\$66.00	\$198.00
8/13/09	92091181.0032	Vehicle Charge, per hour	8.00	\$7.50	\$60.00
8/13/09	92091181.0032	Nuclear Density Gauge, per hour	8.00	\$9.00	\$72.00
8/17/09	92091181.0033	Technician, ACI - I, II, per hour	8.00	\$44.00	\$352.00
8/17/09	92091181.0033	Technician, ACI - I, II, per hour - OT	3.50	\$66.00	\$231.00
8/17/09	92091181.0033	Vehicle Charge, per hour	8.00	\$7.50	\$60.00
8/17/09	92091181.0033	Nuclear Density Gauge, per hour	8.00	\$9.00	\$72.00
8/17/09	92091181.0034	Molding and Compressive Strength of Cement Stab. Sand, each	4.00	\$61.00	\$244.00
8/18/09	92091181.0035	Technician, ACI - I, II, per hour	8.00	\$44.00	\$352.00
8/18/09	92091181.0035	Technician, ACI - I, II, per hour - OT	3.50	\$66.00	\$231.00
8/18/09	92091181.0035	Vehicle Charge, per hour	8.00	\$7.50	\$60.00
8/18/09	92091181.0035	Nuclear Density Gauge, per hour	8.00	\$9.00	\$72.00
8/24/09	92091181.0037	Technician - Level II, per hour	2.00	\$50.00	\$100.00
8/24/09	92091181.0037	Vehicle Charge, per hour	2.00	\$7.50	\$15.00
8/29/09	Month	Project Manager, per hour	1.50	\$105.00	\$157.50

Invoice Total \$7,715.00

Statement of Account	
Contract Amount	\$85,077.00
Amount Previously Billed	\$9,323.25
Total Due this Invoice	\$7,715.00
Total Billed	\$17,038.25
Payments to Date	\$0.00
Total Due	\$17,038.25

We accept MasterCard, VISA, and Discover. Please call (800) 593-7777, option 12, with your electronic payment or credit card information.

TERMS: DUE UPON PRESENTATION OF INVOICE

CANCELLATION REPORT

Report Number: 92091181.0020
Service Date: 08/03/09
Report Date: 08/07/09



11555 Clay Road
Houston, TX 77043
713-690-8989 Reg No: F-3272

Client

Fort Bend County Engineering
Attn: Nathan Hatcher
1124 Blume Rd
Rosenberg, TX 77471

Project

Greenbusch Road Phase I
FBC Project No 732
From Katy Flewellen Rd to Shadow Forest
Fort Bend County, TX
Project Number: 92091181

On August 3, 2009, a Terracon representative arrived at the above referenced project at 8:30 a.m. to perform field density tests as scheduled. The technician was notified at 8:30 a.m. by Ruben with Hurtado Construction that the work had been cancelled due to a manhole not being delivered.

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

Terracon Rep.: Omar Dimas
Reported To:
Contractor: Durwood Greene

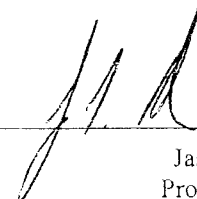
Started: 0800 **Lunch / Non-Chargeable:**
Finished: 0930

Report Distribution:

(1) Fort Bend County Engineering,
ndh@co.fort-bend.tx.us
(1) Durwood Greene Construction Co.,
smaynard@durwoodgreene.com

(1) Durwood Greene Construction Co.,
dmarchel@durwoodgreene.com
(1) Schaumburg & Polk, eknesek@spi-
eng.com

Reviewed By:


Jason L. Mills
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: 92091181.0022
Service Date: 08/04/09
Report Date: 08/12/09



11555 Clay Road
Houston, TX 77043
713-690-8989 Reg No: F-3272

Client

Fort Bend County Engineering
Attn: Nathan Hatcher
1124 Blume Rd
Rosenberg, TX 77471

Project

Greenbusch Road Phase I
FBC Project No 732
From Katy Flewellen Rd to Shadow Forest
Fort Bend County, TX
Project Number: 92091181

Material Information

Mat. No.	Proctor Ref. No.	Classification and Description	Laboratory Test Method	Lab Test Data		Project Requirements	
				Optimum Water Content (%)	Max. Lab Dry Unit Weight (pcf)	Water Content (%)	Minimum Compaction (%)
1	92091181.0002	Light Gray Silty Clay	ASTM D698	14.6	110.3	Not Specif	Min 95
2	92091181.0010	1.5 Sack Cement Stabilized Sand	ASTM D698	13.5	115.6	Not Specif	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 Unit Weight (pcf)	Percent Compaction (%)
24" RCP Backfill, Greenbusch Rd.									
1	Station 31+00	Bedding	2	6	122.9	11.5	10.3	111.4	96
2	Station 31+50	1/-4'	1	8	123.6	14.5	13.3	109.1	99
3	Station 30+50	2/-3'	1	8	120.0	12.7	11.8	107.3	97
4	Station 31+60	3/-2'	1	8	120.5	12.0	11.1	108.5	98
5	Station 30+60	4/-1'	1	8	122.8	12.4	11.2	110.4	100
6	Station 30+00	Final	1	8	121.0	12.9	11.9	108.1	98
7	Station 29+50	Bedding	2	6	124.3	12.4	11.1	111.9	97
8	Station 29+80	1/-4'	1	8	122.4	13.3	12.2	109.1	99
9	Station 29+20	2/-3'	1	8	118.8	11.8	11.0	107.0	97
10	Station 29+00	3/-2'	1	8	124.1	14.1	12.8	110.0	100
11	Station 29+10	4/-1'	1	8	123.5	11.8	10.6	111.7	100+

Datum: Top of Ground

Gauge ID: 31514

Std. Cnt. M: 678

Std. Cnt. D: 2877

Comments: Test 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.: Omar Dimas

Reported To:

Contractor: Durwood Greene

Report Distribution:

(1) Fort Bend County Engineering,
ndh@co.fort-bend.tx.us

(1) Durwood Greene Construction Co.,
smaynard@durwoodgreene.com

(1) Durwood Greene Construction Co.,

dmarchel@durwoodgreene.com

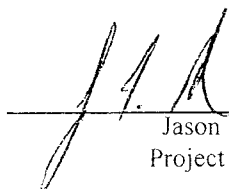
(1) Schaumburg & Polk, eknesek@spi-eng.com

Started: 0630

Finished: 1830

Lunch / Non-Chargeable:

Reviewed By:


Jason L. Mills
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.

CSS-COMPRESSIVE STRENGTH REPORT

Report Number: 92091181.0023
Service Date: 08/04/09
Report Date: 08/11/09
Task:



11555 Clay Road
Houston, TX 77043
713-690-8989 Reg No: F-3272

Client

Fort Bend County Engineering
Attn: Nathan Hatcher
1124 Blume Rd
Rosenberg, TX 77471

Project

Greenbusch Road Phase I
FBC Project No 732
From Katy Flewellen Rd to Shadow Forest
Fort Bend County, TX
Project No. 92091181

Material Information

Specified Strength: 100 psi @ 2 days

Batch Time: 11:03 AM
Supplier: Gulf Coast Stabilized Materials
Truck No.: 960 Plant: 15
Ticket No.: 661732
Material Type: Cement Stabilized Sand

Sample Information

Time Sampled: 12:45 PM
Date Sampled: 8/4/09
Time Molded: 2:30 PM
Technician: Larry G. Bartos
Weather Conditions: Cloudy
Sample Location: Same as Placement
Placement Location: 24" RCP Station 31+00
Moisture Content: 13.4%

Test Method

Molding: ASTM D 558-Method "A" - As is Moisture
Compressive Strength: ASTM D 1633-In plastic bag at room temperature

Laboratory Test Data

Specimen ID.	Height (inches)	Diameter (inches)	Area (Sq. inches)	Date Tested	Test Age (days)	Maximum Load (lbs.)	Compressive Strength (psi)
A	4.55	4	12.57	8/6/09	2	2720	215
B	4.55	4	12.57	8/6/09	2	2660	210
C	4.55	4	12.57	8/11/09	7	3140	250
D	4.55	4	12.57	8/11/09	7	2800	225
Average (2-day)							215
Average (7-day)							220

Comments:

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

Terracon Rep: Larry G. Bartos

Reported To:

Contractor: Durwood Greene

Report Distribution

(1) Fort Bend County Engineering, ndh@co.fort-bend.com (1) Durwood Greene Construction Co,
(1) Durwood Greene Construction Co, (1) Schaumburg & Polk, eknesek@spi-eng.com

Started: 1200

Finished: 1400

Reviewed By

Jason L. Mills
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: 92091181.0024
 Service Date: 08/05/09
 Report Date: 08/12/09



11555 Clay Road
 Houston, TX 77043
 713-690-8989 Reg No: F-3272

Client

Fort Bend County Engineering
 Attn: Nathan Hatcher
 1124 Blume Rd
 Rosenberg, TX 77471

Project

Greenbusch Road Phase I
 FBC Project No 732
 From Katy Flewellen Rd to Shadow Forest
 Fort Bend County, TX
 Project Number: 92091181

Material Information

Mat. No.	Proctor Ref. No.	Classification and Description	Laboratory Test Method	Lab Test Data		Project Requirements	
				Optimum Water Content (%)	Max. Lab Dry Unit Weight (pcf)	Water Content (%)	Minimum Compaction (%)
1	92091181.0002	Light Gray Silty Clay	ASTM D698	14.6	110.3	Not Specif	Min 95
2	92091181.0010	1.5 Sack Cement Stabilized Sand	ASTM D698	13.5	115.6	Not Specif	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 Unit Weight (pcf)	Percent Compaction (%)
24" RCP, Greenbusch Rd.									
1	Station 29+50	Final	1	8	118.1	11.6	10.9	106.5	97
2	Station 28+89, Street Crossing	Bedding	2	6	124.9	13.7	12.3	111.2	96
3	Station 28+89, Street Crossing	1/-3'	2	8	123.4	12.9	11.7	110.5	96
4	Station 28+89, Street Crossing	2/-2'	2	8	122.5	12.6	11.5	109.9	95
5	Station 28+89, Street Crossing	3/-1'	2	8	123.7	11.4	10.2	112.3	97
6	Station 28+89, Street Crossing	Final	1	8	116.1	11.0	10.5	105.1	95
7	Station 31+89, Street Crossing	Bedding	2	6	125.2	13.4	12.0	111.8	97
8	Station 31+89, Street Crossing	1/-3'	2	8	121.9	12.1	11.0	109.8	95
9	Station 31+89, Street Crossing	2/-2'	2	8	123.8	12.9	11.6	110.9	96
10	Station 31+89, Street Crossing	3/-1'	2	8	121.7	11.2	10.1	110.5	96

Datum: Top of Ground

Gauge ID: 31514

Std. Cnt. M: 687

Std. Cnt. D: 2871

Comments: Test 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.: Omar Dimas

Reported To:

Contractor: Durwood Greene

Report Distribution:

(1) Fort Bend County Engineering,
 ndh@co.fort-bend.tx.us
 (1) Durwood Greene Construction Co.,
 smaynard@durwoodgreene.com

(1) Durwood Greene Construction Co.,
 dmarchel@durwoodgreene.com
 (1) Schaumburg & Poik, eknesek@spi-eng.com

Started: 0630

Finished: 1930

Lunch / Non-Chargeable:

Reviewed By:

Jason L. Mills
 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: 92091181.0025
Service Date: 08/06/09
Report Date: 08/11/09



11555 Clay Road
Houston, TX 77043
713-690-8989 Reg No: F-3272

Client

Fort Bend County Engineering
Attn: Nathan Hatcher
1124 Blume Rd
Rosenberg, TX 77471

Project

Greenbusch Road Phase I
FBC Project No 732
From Katy Flewellen Rd to Shadow Forest
Fort Bend County, TX
Project Number: 92091181

Material Information

Mat. No.	Proctor Ref. No.	Classification and Description	Laboratory Test Method	Lab Test Data		Project Requirements	
				Optimum Water Content (%)	Max. Lab Dry Unit Weight (pcf)	Water Content (%)	Minimum Compaction (%)
1	92091181.0002	Light Gray Silty Clay	ASTM D698	14.6	110.3	Not Specif	Min 95
2	92091181.0010	1.5 Sack Cement Stabilized Sand	ASTM D698	13.5	115.6	Not Specif	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 Unit Weight (pcf)	Percent Compaction (%)
24" RCP, Greenbusch Rd.									
1	Station 33+49	Bedding	2	6	124.4	13.5	12.2	110.9	96
2	Station 33+49	1/-2'	1	8	120.9	13.6	12.7	107.3	97
3	Station 33+49	2/-1'	1	8	123.5	14.5	13.3	109.0	99
24" RCP from Manhole, Greenbusch Rd.									
4	Station 33+91	Bedding	2	6	127.7	15.1	13.4	112.6	97
5	Station 33+91	1/-3'	2	8	125.2	14.1	12.7	111.1	96
6	Station 33+91	2/-2'	2	8	124.2	12.3	11.0	111.9	97
7	Station 33+91	3/-1'	2	8	121.7	11.5	10.4	110.2	95

Datum: Top of Proposed Subgrade

Gauge ID: 31514

Std. Cnt. M: 683

Std. Cnt. D: 2878

Comments: Test 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.: Omar Dimas

Reported To:

Contractor: Durwood Greene

Report Distribution:

(1) Fort Bend County Engineering,
ndh@co.fort-bend.tx.us

(1) Durwood Greene Construction Co,
smaynard@durwoodgreene.com

(1) Durwood Greene Construction Co,
dmarchel@durwoodgreene.com

(1) Schaumburg & Polk, eknesek@spi-eng.com

Started: 0630

Finished: 1730

Lunch / Non-Chargeable:

Reviewed By:

Jason L. Mills
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.

CSS-COMPRESSIVE STRENGTH REPORT

Report Number: 92091181.0026
Service Date: 08/06/09
Report Date: 08/13/09
Task:

Terracon

11555 Clay Road
Houston, TX 77043
713-690-8989 Reg No: F-3272

Client

Fort Bend County Engineering
Attn: Nathan Hatcher
1124 Blume Rd
Rosenberg, TX 77471

Project

Greenbusch Road Phase I
FBC Project No 732
From Katy Flewellen Rd to Shadow Forest
Fort Bend County, TX
Project No. 92091181

Material Information

Specified Strength: 100 psi @ 2 days

Batch Time: 9:49 AM
Supplier: Gulf Coast Stabilized Materials
Truck No.: 828 Plant: 15
Ticket No.: 662002
Material Type: Cement Stabilized Sand

Sample Information

Time Sampled: 11:00 AM
Date Sampled: 8/6/09
Time Molded: 12:06 PM
Technician: Omar Dimas
Weather Conditions: Partly Cloudy
Sample Location: Removed 36" RCP at Station 33+90
Placement Location: Removed 36" RCP at Station 33+90 on Greenbush
Moisture Content: 12.3%

Test Method

Molding: ASTM D 558-Method "A" - As is Moisture
Compressive Strength: ASTM D 1633-In plastic bag at room temperature

Laboratory Test Data

Specimen ID.	Height (inches)	Diameter (inches)	Area (Sq. inches)	Date Tested	Test Age (days)	Maximum Load (lbs.)	Compressive Strength (psi)
A	4.55	4	12.57	8/8/09	2	900	70
B	4.55	4	12.57	8/8/09	2	880	70
C	4.55	4	12.57	8/13/09	7	1210	95
D	4.55	4	12.57	8/13/09	7	1230	100
Average (2-day)							70 *
Average (7-day)							100

Comments:

**Refer to report 92091181.0025 for time.

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

Terracon Rep: Omar Dimas

Started: **

Reported To:

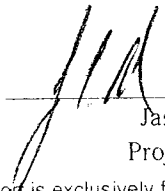
Finished: **

Contractor: Durwood Greene

Report Distribution

(1) Fort Bend County Engineering, ndh@co.fort- (1) Durwood Greene Construction Co.
(1) Durwood Greene Construction Co. (1) Schaumburg & Polk, eknesck@spi-eng.com

Reviewed By


Jason L. Mills
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: 92091181.0027
Service Date: 08/07/09
Report Date: 08/11/09



11555 Clay Road
Houston, TX 77043
713-690-8989 Reg No: F-3272

Client

Fort Bend County Engineering
Attn: Nathan Hatcher
1124 Blume Rd
Rosenberg, TX 77471

Project

Greenbusch Road Phase I
FBC Project No 732
From Katy Flewellen Rd to Shadow Forest
Fort Bend County, TX
Project Number: 92091181

Material Information

Mat. No.	Proctor Ref. No.	Classification and Description	Laboratory Test Method	Lab Test Data		Project Requirements	
				Optimum Water Content (%)	Max. Lab Dry Unit Weight (pcf)	Water Content (%)	Minimum Compaction (%)
1	92091181.0002	Light Gray Silty Clay	ASTM D698	14.6	110.3	Not Specif	Min 95
2	92091181.0010	1.5 Sack Cement Stabilized Sand	ASTM D698	13.5	115.6	Not Specif	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 Unit Weight (pcf)	Percent Compaction (%)
24" RCP, Greenbusch Rd.									
1	Station 33+49	Final	1	8	120.2	13.2	12.3	107.0	97
2	Station 33+91	Final	1	8	119.2	13.5	12.8	105.7	96
3	Station 34+09	Bedding	2	6	124.8	14.2	12.8	110.6	96
4	Station 34+09	1/-2'	2	6	122.7	12.3	11.1	110.4	96
5	Station 34+09	2/-1'	1	8	122.0	14.8	13.8	107.2	97
6	Station 34+09	Final	1	8	122.9	13.6	12.4	109.3	99

Datum: Top of Ground

Gauge ID: 31514

Std. Cnt. M: 689

Std. Cnt. D: 2886

Comments: Test 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.: Omar Dimas

Reported To:

Contractor: Durwood Greene

Report Distribution:

(1) Fort Bend County Engineering,
ndh@co.fort-bend.tx.us
(1) Durwood Greene Construction Co.,
smavnard@durwoodgreene.com

(1) Durwood Greene Construction Co.,
dmarchel@durwoodgreene.com
(1) Schaumburg & Polk, eknesek@spl-eng.com

Started: 0630

Finished: 1430

Lunch / Non-Chargeable:

Reviewed By:

Jason L. Mills
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.

CANCELLATION REPORT

Report Number: 92091181.0028
Service Date: 08/10/09
Report Date: 08/17/09

Terracon

11555 Clay Road
Houston, TX 77043
713-690-8989 Reg No: F-3272

Client

Fort Bend County Engineering
Attn: Nathan Hatcher
1124 Blume Rd
Rosenberg, TX 77471

Project

Greenbusch Road Phase I
FBC Project No 732
From Katy Flewellen Rd to Shadow Forest
Fort Bend County, TX
Project Number: 92091181

On August 10, 2009, a Terracon representative arrived at the above referenced project to perform field density tests as scheduled. The technician was notified by Ruben with Hurtado Construction that the work had been cancelled due to the contractor waiting on Fort Bend County Engineering to provide an answer if they could tie into an existing manhole.

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

Terracon Rep.: Omar Dimas
Reported To:
Contractor: Durwood Greene

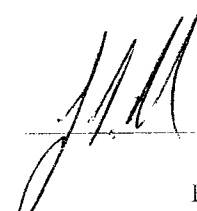
Started: 0630 Lunch / Non-Chargeable:
Finished: 1000

Report Distribution:

(1) Fort Bend County Engineering,
ndh@fco.fort-bend.tx.us
(1) Durwood Greene Construction Co.,
smaynard@durwoodgreene.com

(1) Durwood Greene Construction Co.,
dmarchel@durwoodgreene.com
(1) Schaumburg & Polk, cknesek@spi-
eng.com

Reviewed By:



Jason L. Mills
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: 92091181.0029
Service Date: 08/11/09
Report Date: 08/14/09

Terracon

11555 Clay Road
Houston, TX 77043
713-690-8989 Reg No: F-3272

Client

Fort Bend County Engineering
Attn: Nathan Hatcher
1124 Blume Rd
Rosenberg, TX 77471

Project

Greenbusch Road Phase I
FBC Project No 732
From Katy Flewellen Rd to Shadow Forest
Fort Bend County, TX
Project Number: 92091181

Material Information

Mat. No.	Proctor Ref. No.	Classification and Description	Laboratory Test Method	Lab Test Data		Project Requirements	
				Optimum Water Content (%)	Max. Lab Dry Unit Weight (pcf)	Water Content (%)	Minimum Compaction (%)
1	92091181.0002	Light Gray Silty Clay	ASTM D698	14.6	110.3	Not Specif	Min 95
2	92091181.0010	1.5 Sack Cement Stabilized Sand	ASTM D698	13.5	115.6	Not Specif	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 Unit Weight (pcf)	Percent Compaction (%)
24" RCP, Ellery Dr.									
1	Station 10+45.91	1/-2'	1	8	117.7	12.8	12.2	104.9	95
2	Station 10+45.91	2/-1'	1	8	122.2	14.8	13.8	107.4	97
3	Station 10+45.91	Final	1	8	120.7	13.7	12.8	107.0	97
24" RCP, 6' W of Manhole at Ellery Dr.									
4	Station 10+45.93	Bedding	2	6	123.5	12.9	11.7	110.6	96
5	Station 10+45.93	-1'	1	8	122.9	13.6	12.4	109.3	99
6		Final	1	8	121.4	13.0	12.0	108.4	98

Datum: Top of Ground

Gauge ID: 31514

Std. Cnt. M: 679

Std. Cnt. D: 2883

Comments: Test 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.: Omar Dimas

Reported To:

Contractor: Durwood Greene

Report Distribution:

(1) Fort Bend County Engineering,
ndh@co.fort-bend.tx.us
(1) Durwood Greene Construction Co,
smaynard@durwoodgreene.com

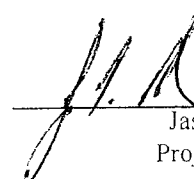
(1) Durwood Greene Construction Co,
dinarchel@durwoodgreene.com
(1) Schaumburg & Polk, eknesek@spi-eng.com

Started: 0630

Finished: 1830

Lunch / Non-Chargeable:

Reviewed By:



Jason L. Mills
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.

CSS-COMPRESSIVE STRENGTH REPORT

Report Number: 92091181.0030
Service Date: 08/11/09
Report Date: 08/19/09
Task:

Terracon

11555 Clay Road
Houston, TX 77043
713-690-8989 Reg No: F-3272

Client

Fort Bend County Engineering
Attn: Nathan Hatcher
1124 Blume Rd
Rosenberg, TX 77471

Project

Greenbusch Road Phase I
FBC Project No 732
From Katy Flewellen Rd to Shadow Forest
Fort Bend County, TX
Project No. 92091181

Material Information

Specified Strength: 100 psi @ 2 days

Batch Time: 7:03 AM
Supplier: Gulf Coast Stabilized Materials
Truck No.: 810 Plant: 15
Ticket No.: 662308
Material Type: Cement Stabilized Sand

Sample Information

Time Sampled: 8:35 AM
Date Sampled: 8/11/09
Time Molded: 9:00 AM
Technician: Omar Dimas
Weather Conditions: Partly Cloudy
Sample Location: 24" RCP From On Ellery Drive
Placement Location: 24" RCP From On Ellery Drive Station 10+45
Moisture Content: 13.3%

Test Method

Molding: ASTM D 558-Method "A" - As is Moisture
Compressive Strength: ASTM D 1633-In plastic bag at room temperature

Laboratory Test Data

Specimen ID.	Height (inches)	Diameter (inches)	Area (Sq. inches)	Date Tested	Test Age (days)	Maximum Load (lbs.)	Compressive Strength (psi)
A	4.55	4	12.57	8/13/09	2	4990	395
B	4.55	4	12.57	8/13/09	2	5130	410
C	4.55	4	12.57	8/18/09	7	7170	570
D	4.55	4	12.57	8/18/09	7	7230	575
Average (2-day)							405
Average (7-day)							575

Comments:

**Refer to report 92091181.0029 for time.

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

Terracon Rep: Omar Dimas

Reported To:

Contractor: Durwood Greene

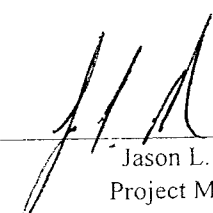
Report Distribution

(1) Fort Bend County Engineering, ndh@co.fort- (1) Durwood Greene Construction Co.
(1) Durwood Greene Construction Co, (1) Schaumburg & Polk, eknesek@spi-eng.com

Started: **

Finished: **

Reviewed By



Jason L. Mills
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: 92091181.0031
Service Date: 08/12/09
Report Date: 08/14/09

Terracon

11555 Clay Road
Houston, TX 77043
713-690-8989 Reg No: F-3272

Client

Fort Bend County Engineering
Attn: Nathan Hatcher
1124 Blume Rd
Rosenberg, TX 77471

Project

Greenbusch Road Phase I
FBC Project No 732
From Katy Flewellen Rd to Shadow Forest
Fort Bend County, TX
Project Number: 92091181

Material Information

Mat. No.	Proctor Ref. No.	Classification and Description	Laboratory Test Method	Lab Test Data		Project Requirements	
				Optimum Water Content (%)	Max. Lab Dry Unit Weight (pcf)	Water Content (%)	Minimum Compaction (%)
1	92091181.0002	Light Gray Silty Clay	ASTM D698	14.6	110.3	Not Specif	Min 95
2	92091181.0010	1.5 Sack Cement Stabilized Sand	ASTM D698	13.5	115.6	Not Specif	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 Unit Weight (pcf)	Percent Compaction (%)
24" RCP, Ellery									
1	Station 10+00	Bedding	2	6	125.3	14.1	12.7	111.2	96
2	Station 10+00	1/-1'	2	8	123.3	13.1	11.9	110.2	95
3	Station 10+00	Final	1	8	119.8	13.1	12.3	106.7	97

Datum: Top of Proposed Subgrade

Gauge ID: 31514

Std. Cnt. M: 672

Std. Cnt. D: 2887

Comments: Test 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.: Omar Dimas

Reported To:

Contractor: Durwood Greene

Report Distribution:

(1) Fort Bend County Engineering,
adh@co.fort-bend.tx.us
(1) Durwood Greene Construction Co.,
smaynard@durwoodgreene.com

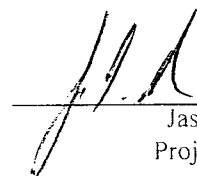
(1) Durwood Greene Construction Co.,
dmarchel@durwoodgreene.com
(1) Schaunburg & Polk, eknesck@spi-eng.com

Started: 0630

Finished: 1430

Lunch / Non-Chargeable:

Reviewed By:



Jason L. Mills
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: 92091181.0032
Service Date: 08/13/09
Report Date: 08/17/09

Terracon

11555 Clay Road
Houston, TX 77043
713-690-8989 Reg No: F-3272

Client

Fort Bend County Engineering
Attn: Nathan Hatcher
1124 Blume Rd
Rosenberg, TX 77471

Project

Greenbusch Road Phase I
FBC Project No 732
From Katy Flewellen Rd to Shadow Forest
Fort Bend County, TX
Project Number: 92091181

Material Information

Mat. No.	Proctor Ref. No.	Classification and Description	Laboratory Test Method	Lab Test Data		Project Requirements	
				Optimum Water Content (%)	Max. Lab Dry Unit Weight (pcf)	Water Content (%)	Minimum Compaction (%)
1	92091181.0002	Light Gray Silty Clay	ASTM D698	14.6	110.3	Not Specif	Min 95
2	92091181.0010	1.5 Sack Cement Stabilized Sand	ASTM D698	13.5	115.6	Not Specif	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 Unit Weight (pcf)	Percent Compaction (%)
15'N of Manhole at Ellery Dr.									
1	Station 9+76	Bedding	2	6	124.1	12.1	10.8	112.0	97
2	Station 9+76	1/-20"	2	8	121.2	10.9	9.9	110.3	95
3	Station 9+76	2/-10"	2	8	121.1	9.9	8.9	111.2	96
4	Station 9+76	Final	1	8	122.1	13.7	12.6	108.4	98

Datum: Top of Proposed Subgrade

Gauge ID: 31514 Std. Cnt. M: 678 Std. Cnt. D: 2877

Comments: Test 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.: Omar Dimas
Reported To:

Contractor: Durwood Greene

Report Distribution:

(1) Fort Bend County Engineering,
ndh@co.fort-bend.tx.us
(1) Durwood Greene Construction Co.,
smaynard@durwoodgreene.com

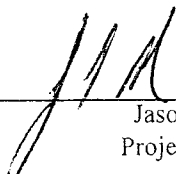
(1) Durwood Greene Construction Co.,
dmarchel@durwoodgreene.com
(1) Schaumburg & Polk, eknesek@spi-eng.com

Started: 0630

Finished: 1730

Lunch / Non-Chargeable:

Reviewed By:


Jason L. Mills
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: 92091181.0033
Service Date: 08/17/09
Report Date: 08/19/09



11555 Clay Road
Houston, TX 77043
713-690-8989 Reg No: F-3272

Client

Fort Bend County Engineering
Attn: Nathan Hatcher
1124 Blume Rd
Rosenberg, TX 77471

Project

Greenbusch Road Phase I
FBC Project No 732
From Katy Flewellen Rd to Shadow Forest
Fort Bend County, TX
Project Number: 92091181

Material Information

Mat. No.	Proctor Ref. No.	Classification and Description	Laboratory Test Method	Lab Test Data		Project Requirements	
				Optimum Water Content (%)	Max. Lab Dry Unit Weight (pcf)	Water Content (%)	Minimum Compaction (%)
1	92091181.0002	Light Gray Silty Clay	ASTM D698	14.6	110.3	Not Specif	Min 95
2	92091181.0010	1.5 Sack Cement Stabilized Sand	ASTM D698	13.5	115.6	Not Specif	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 Unit Weight (pcf)	Percent Compaction (%)
30" RCP, Street Crossing at Greenbusch Rd.									
1	Station 37+95	Bedding	2	6	125.4	14.1	12.7	111.3	96
2	Station 37+95	1/-20"	2	8	121.8	11.4	10.3	110.4	96
3	Station 37+95	2/-70"	2	8	120.8	10.7	9.7	110.1	95
4	Station 37+95	Final	1	8	120.3	12.3	11.4	108.0	98

Datum: Top of Ground, Proposed Subgrade

Gauge ID: 31514

Std. Cnt. M: 678

Std. Cnt. D: 2869

Comments: Test 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.: Omar Dimas

Reported To:

Contractor: Durwood Greene

Report Distribution:

(1) Fort Bend County Engineering,
ndh@co.fort-bend.tx.us
(1) Durwood Greene Construction Co,
smaynard@durwoodgreene.com

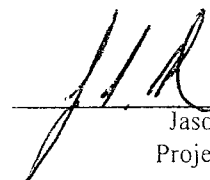
(1) Durwood Greene Construction Co,
dmarchel@durwoodgreene.com
(1) Schaumburg & Polk, eknesek@spi-eng.com

Started: 0630

Finished: 1800

Lunch / Non-Chargeable:

Reviewed By:


Jason L. Mills
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.

CSS-COMPRESSIVE STRENGTH REPORT

Report Number: 92091181.0034
Service Date: 08/17/09
Report Date: 08/24/09
Task:



11555 Clay Road
Houston, TX 77043
713-690-8989 Reg No: F-3272

Client

Fort Bend County Engineering
Attn: Nathan Hatcher
1124 Blume Rd
Rosenberg, TX 77471

Project

Greenbusch Road Phase I
FBC Project No 732
From Katy Flewellen Rd to Shadow Forest
Fort Bend County, TX
Project No. 92091181

Material Information

Specified Strength: 100 psi @ 2 days

Batch Time: 12:45 PM
Supplier: Gulf Coast Stabilized Materials
Truck No.: 698 Plant: 15
Ticket No.: 662785
Material Type: Cement Stabilized Sand

Sample Information

Time Sampled: 2:00 PM
Date Sampled: 8/17/09
Time Molded: 3:00 PM
Technician: Omar Dimas
Weather Conditions: Partly Cloudy
Sample Location: 30" Storm Street Crossing
Placement Location: 30" Storm Street Crossing @
Greenbush (Station 37+90)
Moisture Content: 7.8%

Test Method

Molding: ASTM D 558-Method "A" - As is Moisture
Compressive Strength: ASTM D 1633-In plastic bag at room temperature

Laboratory Test Data

Specimen ID.	Height (inches)	Diameter (inches)	Area (Sq. inches)	Date Tested	Test Age (days)	Maximum Load (lbs.)	Compressive Strength (psi)
A	4.55	4	12.57	8/19/09	2	1520	120
B	4.55	4	12.57	8/19/09	2	1520	120
C	4.55	4	12.57	8/24/09	7	2400	190
D	4.55	4	12.57	8/24/09	7	2460	195
Average (2-day)							120
Average (7-day)							195

Comments:

**Refer to report 92091181.0033 for time.

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

Terracon Rep: Omar Dimas

Reported To:

Contractor: Durwood Greene

Started: **

Finished: **

Report Distribution

(1) Fort Bend County Engineering, ndh@co.fort- (1) Durwood Greene Construction Co,
(1) Durwood Greene Construction Co, (1) Schaumburg & Polk, eknesek@spi-eng.com

Reviewed By

Jason L. Mills
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: 92091181.0035
Service Date: 08/18/09
Report Date: 08/21/09



11555 Clay Road
Houston, TX 77043
713-690-8989 Reg No: F-3272

Client

Fort Bend County Engineering
Attn: Nathan Hatcher
1124 Blume Rd
Rosenberg, TX 77471

Project

Greenbusch Road Phase I
FBC Project No 732
From Katy Flewellen Rd to Shadow Forest
Fort Bend County, TX
Project Number: 92091181

Material Information

Mat. No.	Proctor Ref. No.	Classification and Description	Laboratory Test Method	Lab Test Data		Project Requirements	
				Optimum Water Content (%)	Max. Lab Dry Unit Weight (pcf)	Water Content (%)	Minimum Compaction (%)
1	92091181.0002	Light Gray Silty Clay	ASTM D698	14.6	110.3	Not Specif	Min 95
2	92091181.0010	1.5 Sack Cement Stabilized Sand	ASTM D698	13.5	115.6	Not Specif	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 Unit Weight (pcf)	Percent Compaction (%)
30" RCP, Ellery Dr. WB Lane Street Crossing									
1	Station 9+40	Bedding	2	6	123.2	12.3	11.1	110.9	96
2	Station 9+40	1/-20"	2	8	122.9	11.2	10.0	111.7	97
3	Station 9+40	2/-10"	2	8	121.7	11.9	10.8	109.8	95
4	Station 9+40	Final	1	8	120.9	13.1	12.2	107.8	98
Backfill Fire Hydrant, Greenbusch Rd.									
5	Station 25+55	1/-3'	1	8	120.4	12.2	11.3	108.2	98
6	Station 25+55	2/-2'	1	8	117.5	11.6	11.0	105.9	96
7	Station 25+55	3/-1'	1	8	118.1	13.1	12.5	105.0	95
8	Station 25+55	Final	1	8	120.1	13.6	12.8	106.5	97

Datum: Top of Proposed Subgrade

Gauge ID: 31514

Std. Cnt. M:680

Std. Cnt. D: 2890

Comments: Test 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.: Omar Dimas

Reported To:

Contractor: Durwood Greene

Report Distribution:

(1) Fort Bend County Engineering,
ndh@co.fort-bend.tx.us

(1) Durwood Greene Construction Co,
sinaynard@durwoodgreene.com

(1) Durwood Greene Construction Co,
dmarchel@durwoodgreene.com

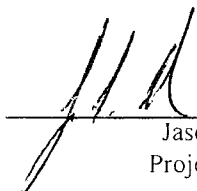
(1) Schaumburg & Polk, eknesek@spi-eng.com

Started: 0630

Finished: 1800

Lunch / Non-Chargeable:

Reviewed By:


Jason L. Mills
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.

CANCELLATION REPORT

Report Number: 92091181.0037
Service Date: 08/24/09
Report Date: 08/25/09

Terracon

11555 Clay Road
Houston, TX 77043
713-690-8989 Reg No: F-3272

Client

Fort Bend County Engineering
Attn: Nathan Hatcher
1124 Blume Rd
Rosenberg, TX 77471

Project

Greenbusch Road Phase I
FBC Project No 732
From Katy Flewellen Rd to Shadow Forest
Fort Bend County, TX
Project Number: 92091181

On August 24, 2009, a Terracon representative arrived at the above referenced project at 7:45 a.m. to perform density tests as scheduled. The technician was notified at 8:15 a.m. by Reuben with Hurtado Construction that the work had been cancelled for the week.

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

Terracon Rep.: Mark A. Nawara
Reported To:
Contractor: Durwood Greene

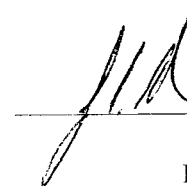
Started: 0700 Lunch / Non-Chargeable:
Finished: 0900

Report Distribution:

(1) Fort Bend County Engineering,
ndh@co.fort-bend.tx.us
(1) Durwood Greene Construction Co,
smaynard@durwoodgreene.com

(1) Durwood Greene Construction Co,
dmarchel@durwoodgreene.com
(1) Schaumburg & Polk, eknesek@spi-
eng.com

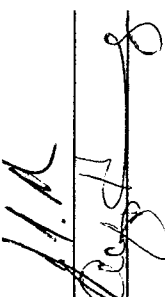
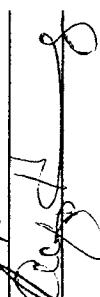
Reviewed By:



Jason L. Mills
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.

TERRACON CONSULTANTS, INC.
 Name: Mills, Jason L (004792)
 TIME & MILEAGE REPORT Home Office: TER-Houston (0092)

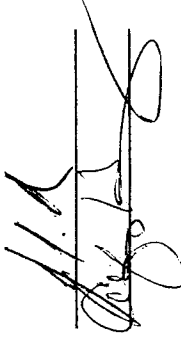

Signature: 
 Approved: 

Week Ending: 22-Aug-2009
 PTO Balance: 145.68 (15-Aug-2009)

Project Name	Project No	Task	WC	Sunday		Monday		Tuesday		Wednesday		Thursday		Friday		Saturday		Total Hours	Total Miles	
				Hours	Miles	Hours	Miles	Hours	Miles	Hours	Miles	Hours	Miles	Hours	Miles	Hours	Miles			Hours
General Administration	92090200	0	221	3.00														3.00	0	0
Pool water Products Pavi	92091215	0	018	0.50														0.50	0	0
west Tavener Road	92091283	0	024	2.00				2.00										4.00	0	0
Embassy Suites Hotel Fou	92091164	0	018	0.50										0.50				1.00	0	0
Cement Stabilized Sand L	92091256	0	018	0.50														0.50	0	0
Houston Zoo African Fore	92091269	0	018	0.50														0.50	0	0
Telfair Section 29A Pavi	92091278	0	018	1.50														1.50	0	0
Client Development	92090100	0	201	1.00				1.50										2.50	0	0
Public Roadway & Drainag	92091194	0	018					0.50										0.50	0	0
Greenbusch Road Phase I	92091181	0	018					0.50										0.50	0	0
Schlumberger Bldg 150	92091211	0	018					0.50										0.50	0	0
Seabourne Creek Park Ent	92091263	0	018					0.50										0.50	0	0
McDonalds - SCTC 42-2760	92091212	0	018					0.50										0.50	0	0
FBTC Access Dr to serve	92091251	0	018					0.50										0.50	0	0
TX Childrens Hospital w	92081380	0	018					1.00										1.00	0	0
Client Development	92090100	0	202					2.50		20								2.50	20	0
University Blvd Ph 2 Ret	92091106	0	018					0.50										0.50	0	0
west Tavener Road	92091283	0	018					2.00										2.00	0	0
Client Development	92090100	0	201					0.50										0.50	0	0
HCTRA Contract 552	92091209	0	018					0.50										0.50	0	0
Client Development	92090100	0	201					1.50										1.50	0	0
Telfair section 15 Pavin	92091028	0	018					0.50										0.50	0	0
TX Childrens Hospital w	92081380	0	018					2.00		20								2.00	20	0
Client Development	92090100	0	201					2.00										2.00	0	0
East west Mobility Phase	92091167	0	018					0.50										0.50	0	0
East west Mobility Phase	92091167	0	018					0.50										0.50	0	0
Seabourne Creek Park Ent	92091263	0	018					0.50										0.50	0	0
west Tavener Road	92091283	0	018					0.50										0.50	0	0
west Tavener Road	92091283	0	018					1.00						0.50				1.50	0	0
Houston Zoo African Fore	92091269	0	018					0.50						0.50				1.00	0	0
FBTC Access Dr to serve	92091251	0	018					0.50						0.50				0.50	0	0
Alcon Houston Supply Cha	92091273	0	018					0.50						0.50				0.50	0	0
HCTRA Contract 552	92091209	0	017					4.25		70								4.25	70	0
Client Development	92090100	0	201					3.00										3.00	0	0

Chargeable % 60.95
 Totals: 9.50 10.50 20 7.00 20 10.75 70 4.50 42.25 110 0

TERRACON CONSULTANTS, INC.
 Name: Mills, Jason L (004792)
 Home Office: TER-Houston (0092)

Signature:  Week Ending: 29-Aug-2009
 Approved:  PTO Balance: 148.76 (22-Aug-2009)

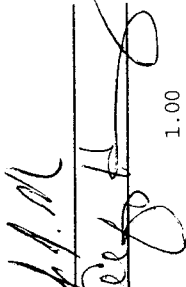
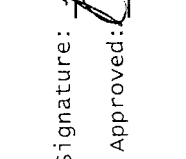
Project Name	Project No	Task	WC	Sunday		Monday		Tuesday		Wednesday		Thursday		Friday		Saturday		Total		
				Hours	Miles	Hours	Miles	Hours	Miles	Hours	Miles	Hours	Miles	Hours	Miles	Hours	Miles	Hours	Miles	Hours
General Administration	92090200	0	221			3.00												3.00	0	0
West Tavener Road	92091283	0	018			0.50												0.50	0	0
Houston Zoo African Fore	92091269	0	018			0.50												0.50	0	0
Telfair Section 15B Pavi	92091291	0	024		28	1.50												1.50	28	0
HCTRA Contract 552	92091209	0	018			1.00												1.00	0	0
Telfair Section 15B Pavi	92091291	0	024			0.50												0.50	0	0
Easton Ave Phase 2 Part	92091292	0	024			1.00												1.00	0	0
Alcon Houston Supply Cha	92091273	0	024			0.50												0.50	0	0
Client Development	92090100	0	203			0.50												0.50	0	0
Telfair Section 15B Pavi	92091291	0	018					1.00										1.00	0	0
Easton Ave Phase 2 Part	92091292	0	018					1.00										1.00	0	0
Alcon Houston Supply Cha	92091273	0	018					1.00										1.00	0	0
West Tavener Road	92091283	0	018					1.00										1.00	0	0
Alcon Houston Supply Cha	92091273	0	018					1.00										1.00	0	0
Telfair Section 29A Pavi	92091278	0	018					0.50										0.50	0	0
Greenbusch Road Phase I	92091181	0	018					1.00										1.00	0	0
Misc Lightweight Roofing	92081156	0	018					1.00										1.00	0	0
TX Childrens Hospital w	92081380	0	018					1.00										1.00	0	0
Houston Zoo African Fore	92091269	0	018					0.50										0.50	0	0
West Tavener Road	92091283	0	018					3.00	96									3.00	96	0
West Tavener Road	92091283	0	018							0.50								0.50	0	0
Embassy Suites Hotel Fou	92091164	0	018							0.50								0.50	0	0
East West Mobility Phase	92091167	0	018							0.50								0.50	0	0
HCTRA Contract 552	92091209	0	018							1.00								1.00	0	0
Embassy Suites Hotel Fou	92091164	0	018							3.00	40							3.00	40	0
Alcon Houston Supply Cha	92091273	0	018							2.00	22							2.00	22	0
Houston Zoo African Fore	92091269	0	018							2.00	19							2.00	19	0
Embassy Suites Hotel Fou	92091164	0	018							0.50								0.50	0	0
HCTRA Contract 552	92091209	0	018															3.50	0	0
Houston Zoo African Fore	92091269	0	018							0.50								0.50	0	0
West Tavener Road	92091283	0	018							0.50								0.50	0	0
Alcon Houston Supply Cha	92091273	0	018							0.50								0.50	0	0
Telfair Section 15B Pavi	92091291	0	018							0.50								0.50	0	0
Seabourne Creek Park Ent	92091263	0	018							0.50								0.50	0	0
Client Development	92090100	0	209															3.25	0	0
Schlumberger Bldg 150	92091211	0	018															0.50	0	0

TERRACON CONSULTANTS, INC.
 TIME & MILEAGE REPORT

Name: MILLS, Jason L (004792)
 Home Office: TER-Houston (0092)

Week Ending: 29-Aug-2009

PTO Balance: 148.76 (22-Aug-2009)

Signature: 
 Approved: 

Human Resources	92090400	0	246	1.00	0	0	1.00	0	0						
HCTRA Contract 552	92091209	0	018				1.50	0	0						
Client Development	92090100	0	201				2.00	0	0						
TX Childrens Hospital w	92081380	0	018				0.50	0	0						
Embassy suites Hotel Fou	92091164	0	018				0.50	0	0						
Chargeable % 78.92				Totals:	9.00	28	12.00	96	10.00	81	10.75	4.50	46.25	205	0

Comments

By Project	Project No	Task	Comments	Total Hours
	92090200	0	Timesheets	3
	92090100	0	Drainage Easement	2