



EARTH ENGINEERING, INC.
Geotechnical, Materials Testing & Environmental Consultants
4877 Langfield Rd * Houston, Texas 77040 * 713-681-5311 * Fax: 713-681-5411



Date 8/20/2019

INVOICE

Invoice # 18066-12


Fort Bend County Engineering
301 Jackson St,
Richmond, TX 77469

Budget Amount \$ 82,488.84

Billed to Date \$ 79,821.84

Remaining Budget \$ 2,667.00

18066-C Sansbury Boulevard

Service Date	Description	Unit Price	Quantity	Total
	P.O. # 172792 Project # 13111b			
7/16/2019	Report 164 - Concrete Coring (4" Dia Up to 6" Thickness) ASTM C-42	0.00		0.00
	Technician NICET II Hours - Concrete	65.00	8	520.00
	Concrete Coring (4" Dia Up to 6" Thickness) ASTM C-42	105.00	16	1,680.00
	Vehicle Charge Hours (Max 8 hrs per day)	10.00	8	80.00
 2/11/2020				

Thank you. We appreciate your business!

Total Due \$2,280.00

Please make checks payable to Earth Engineering, Inc.

**** Pursuant to Texas Lien Laws - A lien will be placed on all outstanding invoices not paid within 60 days.**



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COMPRESSIVE STRENGTH CORE REPORT

18066-C - SANSBURY BOULEVARD FROM GRAND ESTATES DR. & WILLIAMS WAY BLVD BOND PROJECT #13111			
Report No.:	164	Client:	Fort Bend Co. Engineering
Project No.:	EE-18066-07-C	Contractor:	Unitas Construction
Report Date:	Tuesday, 07-16-19	Technician:	Ameriko
Leave Office:	7:00 a.m.	Leave Site:	2:15 p.m.
Arrive Site:	7:45 a.m.	Arrive Lab:	3:00 p.m.
Lunch:	N/A	Total Hours:	8.0 Hours

When tested by current ASTM C-42, C-174 methods, the material gave the following results:

Core No.	Location	Pavement Thickness (Inches)	Compressive Strength (PSI)
C1	SANSBURY BLVD STA. 11+09 RIGHT OF CENTERLINE, OUTSIDE LANE	8.38	6910
C2	SANSBURY BLVD STA. 16+09 RIGHT OF CENTERLINE, INSIDE LANE	7.50	6780
C2A	SANSBURY BLVD STA. 14+59 RIGHT OF CENTERLINE, INSIDE LANE	8.63	6690
C2B	SANSBURY BLVD STA. 17+59 RIGHT OF CENTERLINE, INSIDE LANE	8.25	7010
C3	SANSBURY BLVD STA. 21+09 RIGHT OF CENTERLINE, OUTSIDE LANE	8.50	6780
C4	SANSBURY BLVD STA. 26+09 RIGHT OF CENTERLINE, INSIDE LANE	8.25	6790
C5	SANSBURY BLVD STA. 31+09 RIGHT OF CENTERLINE, OUTSIDE LANE	8.13	7120
C6	SANSBURY BLVD STA. 36+09 RIGHT OF CENTERLINE, INSIDE LANE	8.13	7010
C7	SANSBURY BLVD STA. 38+09 RIGHT OF CENTERLINE, LEFT TURN LANE	8.75	6520
C8	SANSBURY BLVD STA. 38+21 LEFT OF CENTERLINE, OUTSIDE LANE	9.13	6690
C9	SANSBURY BLVD STA. 33+21 LEFT OF CENTERLINE, INSIDE LANE	9.00	6710
C10	SANSBURY BLVD STA. 28+21 LEFT OF CENTERLINE, OUTSIDE LANE	8.00	6790
C11	SANSBURY BLVD STA. 23+21 LEFT OF CENTERLINE, INSIDE LANE	8.38	6640
C12	SANSBURY BLVD STA. 18+21 LEFT OF CENTERLINE, OUTSIDE LANE	8.63	6420
C13	SANSBURY BLVD STA. 13+21 LEFT OF CENTERLINE, INSIDE LANE	9.00	6780
C14	SANSBURY BLVD STA. 11+30 LEFT OF CENTERLINE, RIGHT TURN LANE	8.38	6630
Average		9.64	6770

Notes: BECAUSE CORE C2 FAILED TO MEET MINIMUM THICKNESS REQUIREMENTS FOR THE PROJECT, THE ONSITE INSPECTOR REQUESTED THAT CORES C2A AND C2B BE OBTAINED.

END OF TEST REPORT

Submitted by,

Fl 
Steven J. Grubbs, S.E.T.
Vice President of Materials Testing

SG/CS

Copy:
Isani Consultants- Conrad Beinstingel

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Revised 4-17-17