

Millennium Engineers Group, Inc.

PO Box 4569

Edinburg, Texas 78540-4569

Invoice

Date	Invoice #
12/13/2007	07M198-5

Bill To
Hidalgo County Precinct 4 Commissioner Oscar Garza 1102 N. Doolittle Rd Edinburg, Texas 78541



Terms	Due Date	Project
Net 30	1/12/2008	07M198-Health Dept. Parking Lot, PH I

Description	Qty	Rate	Amount
Concrete Specimen (Compression)	3	15.00	45.00
Engr. Technician (Concrete)	0.5	42.00	21.00
Project Management & Coordination	1	6.60	6.60

We thank you for your prompt payment. Please remit to the above address.		Total	\$72.60
		Payments/Credits	\$0.00
		Balance Due	\$72.60

Phone #	Fax #
(956) 383-8522	(956) 383-0295

CONCRETE COMPRESSIVE STRENGTH TEST REPORT

Project Description: Health Department Parking Lot Improvements M.E.G. Report Number: 07M198-5-1

Client: Hidalgo County Precinct 4

Date Cast: 10/19/07

Engineer: Javier Hinojosa Engineering

Date Reported: 11/20/07

Architect: N/A

Structure Tested: Curb Parking Area

Contractor: Hidalgo County Precinct 4

Placement Data

Mix I.D.: N/A Specified Strength: 3000 P.S.I. @ 28 Days
 Specified Air Content: N/A % Specified Slump: 4
 Weather Conditions: Cloudy, windy, hot and humid Air/Ambient Temp.: 90°F
 Supplier: El Alamo Concrete Time Batched: 12:40 p.m. Concrete Temp.: 91°F
 Truck No.: 110 Time Sampled: 2:00 p.m. Air Content: N/P
 Plant Ticket No.: 8065 CY: 20.0 Slump: 2 3/4"
 Placement Location: Curb approx.. 65' W from South West Corner Water Added:(gal.) N/A
Of Building

Compressive Strength Data

Identification	Cross-sectional Area (in ²)	Test Date	Age (days)	Max. Load (pounds)	Comp. Strength (psi)	Type of Fracture (a,b,c,d or e)	% of Design
1A	28.27	10-26-07	7	78,603	2780	D	93%
1B	28.27	11-16-07	28	92,639	3277	C	109%
1C	28.27	11-16-07	28	95,833	3390	E	113%
1D	28.27	11-16-07	28	92,789	3282	E	109%

Field testing of fresh concrete and laboratory testing of hardened concrete specimens performed in accordance with applicable ASTM or TxDOT standards as required by the project requirements. Test specimen size is 6" Dia. X 12" Height unless otherwise noted.

Notes/Comments: _____



Raul Palma

Raul Palma, Senior Materials Engineer

Millennium Engineers Group, Inc.

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Invoice

Date	Invoice #
12/20/2007	07M198-9

Bill To
Hidalgo County Precinct 4 Commissioner Oscar Garza 1102 N. Doolittle Rd Edinburg, Texas 78541



Terms	Due Date	Project
Net 30	1/19/2008	07M198-Health Dept. Parking Lot, PH I

Description	Qty	Rate	Amount
Asphalt Cores	6	50.00	300.00
Asphalt Core Thickness	6	5.25	31.50
Bituminous Mix Theoretical SPG	1	55.00	55.00
Asphalt Density (In-Place, Cores)	6	20.00	120.00
Vehicle Trip Charge	1	30.00	30.00
Engr. Technician (Asphalt)	2.75	42.00	115.50
Project Management & Coordination	1	65.20	65.20

We thank you for your prompt payment. Please remit to the above address.

Total	\$717.20
Payments/Credits	\$0.00
Balance Due	\$717.20

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(956) 383-8522	(956) 383-0295

Asphaltic Pavement Cores Report

Project Description: Health Department Parking Lot Improvements
Client: Hidalgo County Precinct 4
Engineer: Javier Hinojosa Engineering
Architect: N/A
Contractor: Hidalgo County Precinct 4

M.E.G. Report Number: 07M198-9-1
Date Tested: 11-19-07
Date Reported: 11-30-07
Material Description: Concrete Asphalt Type D
Material Location: Parking Area



Maximum Specific Gravity of Bituminous Mixtures (Tex-227-F) Gr= 2.469

Test #	Location	Height, In.	Core Density %
1	Parking Area Approx. 40' N/25' E of South West Corner of Parking Area	2 1/2"	88.6
2	Parking Area Approx. 155' N/ 50' E of South West Corner of Parking Area	1 1/2"	84.9
3	North Alley Approx. 125' E of Frontage Rd Center Lane	2 1/8"	84.2

Remarks: _____


 Raul Palma, Senior Materials Engineer

