

# Millennium Engineers Group, Inc.

PO Box 4569

Edinburg, Texas 78540-4569

# Invoice

Date	Invoice #
4/29/2009	09M21-1

Bill To
Hidalgo County Precinct 2 Commissioner Hector Palacios 301 E. State St. Pharr, Texas 78577

Terms	Due Date	Project
Due on receipt	4/29/2009	09M21-South Tower Road PO#620343

Description	Qty	Rate	Amount
Atterberg Limits	2	59.00	118.00
Standard Proctor	2	175.00	350.00
Vehicle Trip Charge	1	35.00	35.00
Engr. Technician	3.25	40.00	130.00
Test Report	1	30.00	30.00
Administration	1	40.00	40.00
Project Management & Coordination	1	65.00	65.00

RECEIVED BY  
 COUNTY AUDITOR  
 2009 MAY 19 PM 12:00

*Q*

1339- 620343  
 9-1202-431-00-122-031-0-733  
 Req. #152224

INVOICE RECEIVED BY:  
*[Signature]* ON 5/8/09  
 GOODS/SERVICES RECEIVED BY:  
*Hector Palacios* ON 4/29/08

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

<b>Total</b>	\$768.00
<b>Payments/Credits</b>	\$0.00
<b>Balance Due</b>	\$768.00

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

## Moisture-Density Relationship of Soils Report

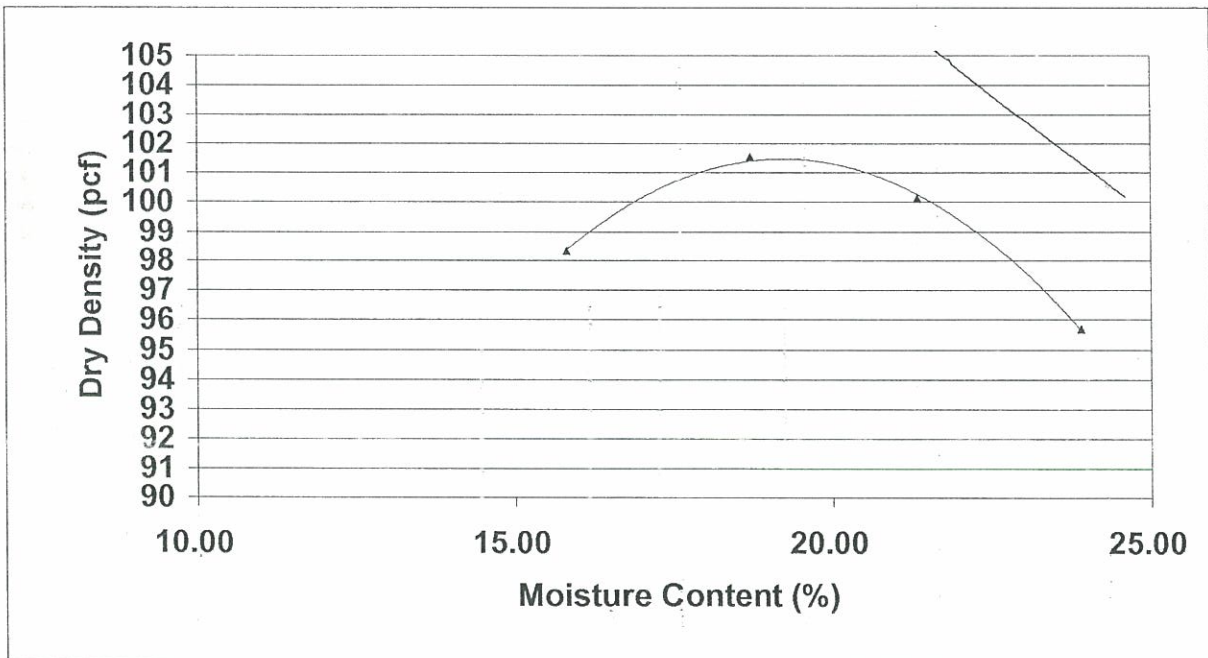
Proj. Name: South Tower Road  
Client: Hidalgo County Pct. 2  
Engineer: R. Gutierrez Engineering  
Architect: N/A  
Contractor: OG Construction

MEG Report No.: 09M21-1-1  
Date Sampled: 02-25-09  
Date Reported: 04-07-09  
Material Description: Dark Brown Sandy Clay Backfill  
Sample Location: South Tower Road  
West Side of Lot 2609

Compaction Method: ASTM D 698  
Specific Gravity: 2.65

Specimen No.:	1	2	3	4
Percent Moisture, %:	15.8	18.7	21.4	23.9
Dry Density (pcf):	98.3	101.5	100.1	95.7

Maximum Dry Density in P.C.F.	113.4
Optimum Moisture (%)	19.3



Remarks: Laboratory testing done in general accordance with ASTM D 698

Raul Palma, Senior Materials Engineer

## Atterberg Limits of Soils Report

**Project Description:** South Tower Road  
**Client:** Hidalgo County Pct. 2  
**Engineer:** R. Gutierrez Engineering  
**Architect:** N/A  
**Contractor:** OG Construction

**M.E.G. Report Number:** 09M21-1-2  
**Date Sampled:** 02-25-09  
**Date Reported:** 04-07-09  
**Material Description:** Dark Brown Sand Clay Backfill  
**Sample Location:** South Tower Road  
West Side of Lot 2609

Procedure Utilized: ASTM D4318

Preparation Method: Wet

Sample Identification	Test	Value	Specification Limits
Backfill	Liquid Limit	52	N/A
	Plasticity Index	34	N/A

Remarks: Laboratory testing done in general accordance with ASTM D 4318.

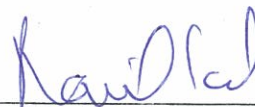
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Raul Palma, Senior Materials Engineer

## Moisture-Density Relationship of Soils Report

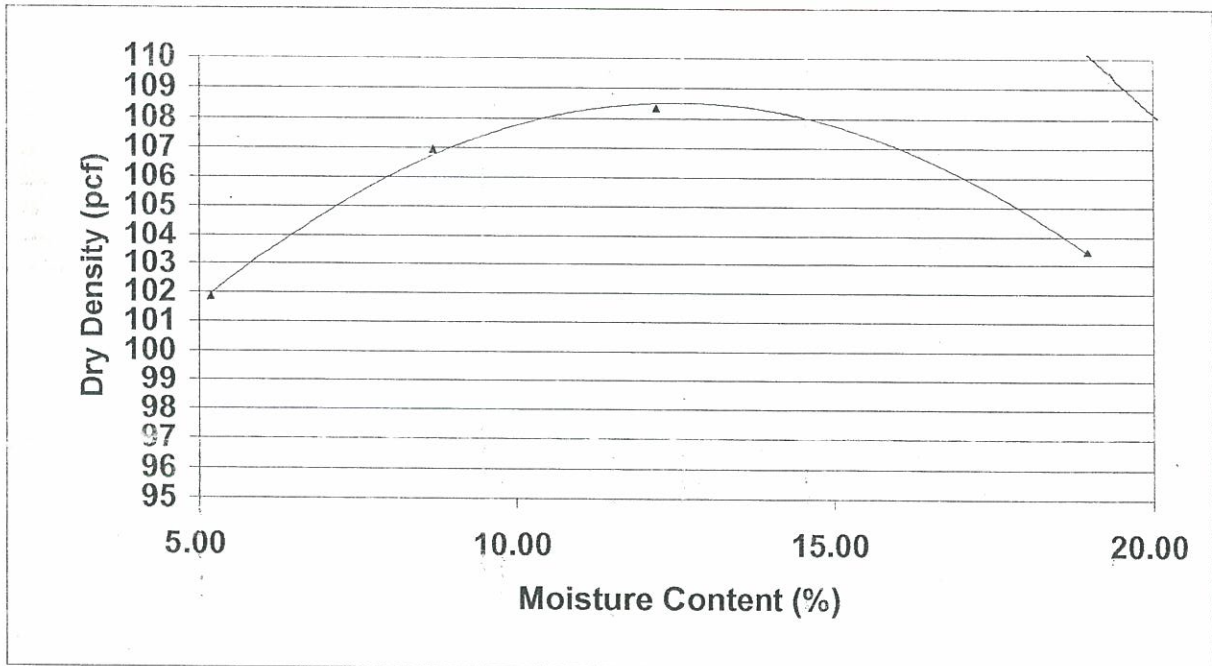
Proj. Name: South Tower Road  
Client: Hidalgo County Pct. 2  
Engineer: R. Gutierrez Engineering  
Architect: N/A  
Contractor: OG Construction

MEG Report No.: 09M21-1-3  
Date Sampled: 02-25-09  
Date Reported: 04-07-09  
Material Description: Tan Sand  
Sample Location: Stock Pile on Tower Road

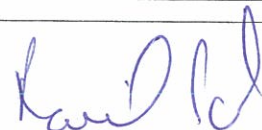
Compaction Method: ASTM D 698  
Specific Gravity: 2.65

Specimen No.:	1	2	3	4
Percent Moisture, %:	5.2	8.7	12.2	19.0
Dry Density (pcf):	101.9	106.9	108.3	103.4

Maximum Dry Density in P.C.F.	113.4
Optimum Moisture (%)	12.5



Remarks: Laboratory testing done in general accordance with ASTM D 698

  
Raul Palma, Senior Materials Engineer

## Atterberg Limits of Soils Report

**Project Description:** South Tower Road  
**Client:** Hidalgo County Pct. 2  
**Engineer:** R. Gutierrez Engineering  
**Architect:** N/A  
**Contractor:** OG Construction

**M.E.G. Report Number:** 09M21-1-4  
**Date Sampled:** 02-25-09  
**Date Reported:** 04-07-09  
**Material Description:** Tan Sand  
**Sample Location:** Stock Pile on Tower Road

Procedure Utilized: ASTM D4318

Preparation Method: Wet

Sample Identification	Test	Value	Specification Limits
Tan Sand	Liquid Limit Plasticity Index	Non Plastic	N/A N/A

Remarks: Laboratory testing done in general accordance with ASTM D 4318.

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Raul Palma, Senior Materials Engineer