

2100 W. Expressway 83  
 Mercedes, TX 78570  
 Office (956) 565-0760 Fax (956) 565-6746

Client Address: Hidalgo County Pct. #4  
 Velinda Reyes  
 1051 N. Doolittle Rd.  
 Edinburg, TX. 78542 USA

Account No.: E130  
 Project No: E130201  
 Project Desc.: Hidalgo County Sheriff's Bus Barn

Due Date: UPON RECEIPT  
 Budget/Remaining: \$5,509.18 / \$3,391.21

===== Invoice Summary by Billing Code =====

	<u>Unit Rate</u>	<u>Qty</u>	<u>Extension</u>
910:91004 - Atterberg Limits Det	\$84.51	2.00	\$169.02
910:91009 - M-D ASTM D698 (Standard Proctor) (each)	\$218.35	3.00	\$655.05
910:91017 - Texas Wet Ball Mill Test	\$246.72	1.00	\$246.72
910:91041 - Gradation	\$101.59	2.00	\$203.18
940:94046 - Eng. Tech. (Soils/Lab) (Hr.)	\$58.20	2.00	\$116.40
940:94048 - Eng. Tech. (Soils / SP.)	\$58.20	6.00	\$349.20
940:94055 - Engineer / P.E.	\$116.40	1.00	\$116.40
950:95058 - Vehicle Trip Charge	\$0.54	192.00	\$103.68
950:95060 - Admin/Clerical	\$58.20	1.00	\$58.20
950:95061 - Test Report	\$25.03	4.00	\$100.12
			<hr/> <hr/>
	<b>Total for this Invoice:</b>		<b>\$2,117.97</b>

===== Invoice Detail by Report =====

<u>Report No.</u>	<u>Sampled</u>	<u>Qty</u>	<u>Billing Code</u>	<u>Unit Type</u>	<u>Unit Rate</u>	<u>Extension</u>
R001	10/15/2020	1.00	910:91004 - Atterberg Limits Det	Each	\$84.51	\$84.51
R001	10/15/2020	1.00	910:91009 - M-D ASTM D698 (Standard Proctor) (each)	Each	\$218.35	\$218.35
R001	10/15/2020	1.00	910:91041 - Gradation	Each	\$101.59	\$101.59
R001	10/15/2020	2.00	940:94048 - Eng. Tech. (Soils / SP.)	Hour	\$58.20	\$116.40
R001	10/15/2020	64.00	950:95058 - Vehicle Trip Charge	Mile	\$0.54	\$34.56
R001	10/15/2020	0.25	950:95060 - Admin/Clerical	Hour	\$58.20	\$14.55
R001	10/15/2020	1.00	950:95061 - Test Report	Each	\$25.03	\$25.03
			Sample Date: 10/15/2020	Report Number R001 for a Subtotal of:		<hr/> <hr/>
						\$594.99

REMIT TO: 2100 W. Expressway 83  
 Mercedes, TX 78570  
 Office (956) 565-0760 Fax (956) 565-6746

Net 30 Days

PAST DUE BALANCES SUBJECT TO 1.5% SERVICE CHARGE PER MONTH  
 PLEASE REFERENCE INVOICE NUMBER WITH PAYMENT

2100 W. Expressway 83  
 Mercedes, TX 78570  
 Office (956) 565-0760 Fax (956) 565-6746

===== Invoice Detail by Report =====

<u>Report No.</u>	<u>Sampled</u>	<u>Qty</u>	<u>Billing Code</u>	<u>Unit Type</u>	<u>Unit Rate</u>	<u>Extension</u>
R002	10/15/2020	1.00	910.91004 - Atterberg Limits Det	Each	\$84.51	\$84.51
R002	10/15/2020	1.00	910.91009 - M-D ASTM D698 (Standard Proctor) (each)	Each	\$218.35	\$218.35
R002	10/15/2020	1.00	910.91041 - Gradation	Each	\$101.59	\$101.59
R002	10/15/2020	2.00	940.94048 - Eng. Tech. (Soils / SP.)	Hour	\$58.20	\$116.40
R002	10/15/2020	64.00	950.95058 - Vehicle Trip Charge	Mile	\$0.54	\$34.56
R002	10/15/2020	0.25	950.95060 - Admin/Clerical	Hour	\$58.20	\$14.55
R002	10/15/2020	1.00	950.95061 - Test Report	Each	\$25.03	\$25.03
			Sample Date: 10/15/2020	Report Number R002 for a Subtotal of:		\$594.99
R003	10/23/2020	1.00	910.91009 - M-D ASTM D698 (Standard Proctor) (each)	Each	\$218.35	\$218.35
R003	10/23/2020	2.00	940.94048 - Eng. Tech. (Soils / SP.)	Hour	\$58.20	\$116.40
R003	10/23/2020	64.00	950.95058 - Vehicle Trip Charge	Mile	\$0.54	\$34.56
R003	10/23/2020	0.25	950.95060 - Admin/Clerical	Hour	\$58.20	\$14.55
R003	10/23/2020	1.00	950.95061 - Test Report	Each	\$25.03	\$25.03
			Sample Date: 10/23/2020	Report Number R003 for a Subtotal of:		\$408.89
R004	10/23/2020	1.00	910.91017 - Texas Wet Ball Mill Test	Each	\$246.72	\$246.72
R004	10/23/2020	2.00	940.94046 - Eng. Tech. (Soils/Lab) (Hr.)	Hour	\$58.20	\$116.40
R004	10/23/2020	1.00	940.94055 - Engineer / P.E.	Hour	\$116.40	\$116.40
R004	10/23/2020	0.25	950.95060 - Admin/Clerical	Hour	\$58.20	\$14.55
R004	10/23/2020	1.00	950.95061 - Test Report	Each	\$25.03	\$25.03
			Sample Date: 10/23/2020	Report Number R004 for a Subtotal of:		\$519.10
						<b>Total for this Invoice: \$2,117.97</b>

REMIT TO: 2100 W. Expressway 83  
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Budget: \$5,509.18  
 Prev Inv: \$0.00  
 This Inv: \$2,117.97  
 Balance: \$3,391.21

Net 30 Days

**PAST DUE BALANCES SUBJECT TO 1.5% SERVICE CHARGE PER MONTH  
 PLEASE REFERENCE INVOICE NUMBER WITH PAYMENT**



October 27, 2020

Commissioner Ellie Torres  
Attn: Velinda Reyes  
Hidalgo County, Pct. #4  
1051 N. Doolittle Road  
Edinburg, Texas 78542

**RE: Hidalgo County Bus Barn**

Dear Ms. Lucio:

Included for your use with this letter are test reports **R001 thru R004** for **Moisture Density Testing** performed on the above referenced project. As noted on our reports, all test results met or exceeded project requirements. Also included for your use, is an invoice for the services provided.

L&G Engineering appreciates the opportunity to serve your material testing needs on this project and we look forward to working with you in the future.

If you have any questions, feel free to contact me at 956-565-0760.

Sincerely,

Ricardo Gallaga, P.E.  
General Manager

**Attachments**

cc: Hidalgo County Pct. #4 – Attn: Velinda Reyes  
Half Associates, Inc. Attn: Raul Garcia, Jr. P.E., CFM  
Celso Gonzalez Construction, Inc. Attn: Celso Gonzalez Jr.- President

## PROCTOR TEST REPORT

**Project Description:** Hidalgo County Sheriffs Bus Barn  
**Client:** Hidalgo County Pct. #4  
**Engineer:** Halff & Associates, Inc.  
**Contractor:** Celso Gonzalez Construction, Inc.

**L&G Project Number:** E130201  
**L&G Report Number:** R001  
**Sample Date:** 10/15/2020  
**Date Reported:** 10/20/2020

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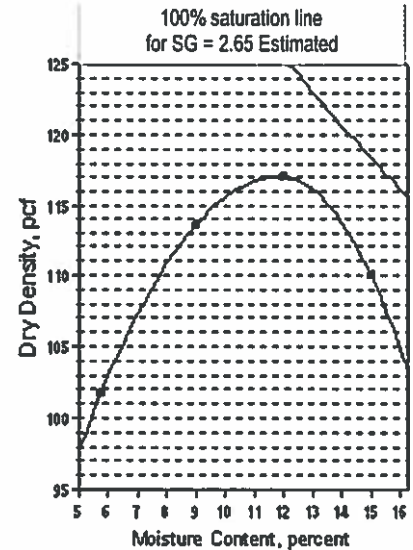
**Compaction Method:** ASTM D-698  
**Material Description:** Subgrade

**Specific Gravity:** 2.65

**Liquid Limit:** 23  
**Plastic Limit:** 11  
**Plasticity Index:** 12  
**% Passing No. 200:** 40

Specimen No.:	1	2	3	4
Moisture, %:	5.8	9.0	12.0	15.0
Dry Density (pcf):	102.0	113.6	117.0	110.0

**Maximum Dry Density in P.C.F.:** 117.0  
**Optimum Moisture (%):** 11.9



**Test Method:** ASTM D-698 Method-A, ASTM D-4318, ASTM D-1140

**Orig:** Hidalgo County Pct. #4 (E130) (Hidalgo County Pct. #4)  
 (Edinburg, TX) Attn: Maria Lucio  
 (1-cc copy)  
 1-cc Halff & Associates, Inc.  
 Attn: Robert L. Saenz, PE, CFM, PMP  
 1-cc Celso Gonzalez Construction, Inc.  
 Attn: Celso Gonzalez  
 1-cc Laboratory

Respectfully Submitted,  
 L&G Engineering



Ricardo Gallaga, P.E, Project Manager

## PROCTOR TEST REPORT

**Project Description:** Hidalgo County Sheriff's Bus Barn  
**Client:** Hidalgo County Pct. #4  
**Engineer:** Halff & Associates, Inc.  
**Contractor:** Celso Gonzalez Construction, Inc.

**L&G Project Number:** E130201  
**L&G Report Number:** R002  
**Sample Date:** 10/15/2020  
**Date Reported:** 10/20/2020

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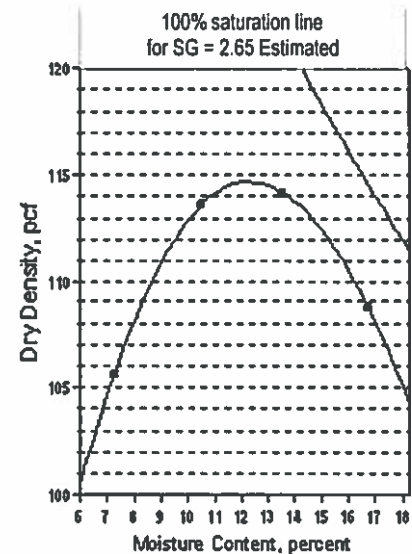
**Compaction Method:** ASTM D-698  
**Material Description:** Select Fill

**Specific Gravity:** 2.65

**Liquid Limit:** 28  
**Plastic Limit:** 12  
**Plasticity Index:** 16  
**% Passing No. 200:** 49

Specimen No.:	1	2	3	4
Moisture, %:	7.2	10.5	13.5	16.7
Dry Density (pcf):	105.4	113.6	114.1	108.9

**Maximum Dry Density in P.C.F.:** 114.7  
**Optimum Moisture (%):** 12.2



**Test Method:** ASTM D-698 Method-A, ASTM D-4318, ASTM D-1140

**Orig:** Hidalgo County Pct. #4 (E130) (Hidalgo County Pct. #4)  
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 1-cc Laboratory

Respectfully Submitted,  
 L&G Engineering



Ricardo Gallaga, P.E., Project Manager

**9PROCTOR  
 TEST REPORT**

Project Description: Hidalgo County Sheriff's Bus Barn  
 Client: Hidalgo County Pct. #4  
 Engineer: Halff & Associates, Inc.  
 Contractor: Celso Gonzalez Construction, Inc.

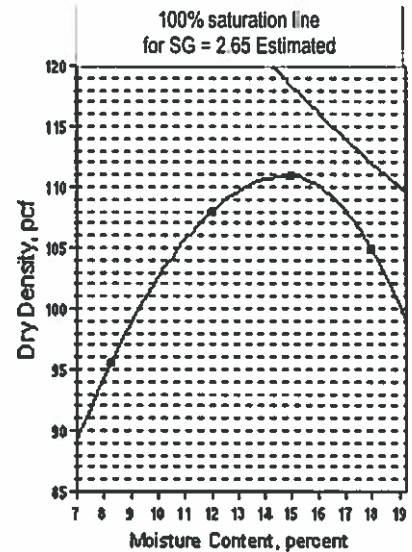
L&G Project Number: E130201  
 L&G Report Number: R003  
 Sample Date: 10/23/2020  
 Date Reported: 10/23/2020

Compaction Method: ASTM D-698  
 Material Description: Caliche

Specific Gravity: 2.65

Liquid Limit: 30  
 Plastic Limit: 16  
 Plasticity Index: 14

Specimen No.:	1	2	3	4
Moisture, %:	8.3	12.0	15.0	18.0
Dry Density (pcf):	95.70	107.9	110.9	104.8
Maximum Dry Density in P.C.F.: 110.9				
Optimum Moisture (%): 14.9				



Test Method: ASTM D-698 Method-C, ASTM D-4318

Orig: Hidalgo County Pct. #4 (E130) (Hidalgo County Pct. #4)  
 (Edinburg, TX) Attn: Maria Lucio  
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 Attn: Robert L. Saenz, PE, CFM, PMP  
 1-cc Celso Gonzalez Construction, Inc.  
 Attn: Celso Gonzalez  
 1-cc Laboratory

Respectfully Submitted,  
 L&G Engineering

Ricardo Gallaga, P.E, Project Manager

## SIEVE ANALYSIS TEST REPORT

Project Description: Hidalgo County Sheriff's Bus Barn  
Client: Hidalgo County Pct. #4  
Engineer: Halff & Associates, Inc.  
Contractor: Celso Gonzalez Construction, Inc.

L&G Project Number: E130201  
L&G Report Number: R004  
Sample Date: 10/23/2020  
Date Reported: 10/23/2020

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Material: Base

<u>Sieve</u>	<u>% Retained</u>
2 in	0
1/2 in	13
No. 4	33
No. 40	78

Remarks: Texas Wet Ball Mill Value: 52.5%  
Test Method (As Applicable): Tex Method 110-E, TEX 116-E

Orig: Hidalgo County Pct. #4 (E130) (Hidalgo County Pct. #4)  
(Edinburg, TX) Attn: Maria Lucio  
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Attn: Robert L. Saenz, PE, CFM, PMP  
1-cc Celso Gonzalez Construction, Inc.  
Attn: Celso Gonzalez  
1-cc Laboratory

Respectfully Submitted,  
L&G Engineering



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Ricardo Gallaga, P.E., Project Manager