

APPLICATION FOR PAYMENT NO. 5

AI-13213 01/13/09

To: Hidalgo County (OWNER)
From: Asago, LLC dba Asago Construction (CONTRACTOR)
Contract: C-CAP-08-021-7-01
Project: Hidalgo County Precinct No. 3 - Border Colonia Access Program - El Sol # 1 and El Sol # 2
Subdivision(s)

Owner's Contract No. C-CAP-08-021-7-01
For Work accomplished through the date of: 12/22/2008

Table with 2 columns: Description and Amount. Rows include: 1. Original Contract Price: \$ 536,001.00; 2. Net change by Change Order and Written Agreements(+or-): \$ 0.00; 3. Current Contract Price (1 plus 2): \$ 536,001.00; 4. Total completed and stored to date: \$ 536,001.00; 5. Retainage (per Agreement): 5% of completed Work: \$ 26,800.05; Total Retainage: \$ 26,800.05; 6. Total completed and stored to date less retainage (4 minus 5): \$ 509,200.95; 7. Less previous Application for Payments: \$ 454,034.45; 8. AMOUNT DUE THIS APPLICATION (6 MINUS 7) PO # 1607377: \$ 55,166.50

Accompanying Document 8-1311-431-00-123-250-0-734 \$2,877.50<-143.88> = \$2,733.62 8-1311-431-00-123-251-0-734 \$10,237.51<-511. => \$9,725.63
CONTRACTOR'S Certifi 8-1311-431-00-123-251-0-733 \$44,955.00<-2,247.75> = \$42,707.25

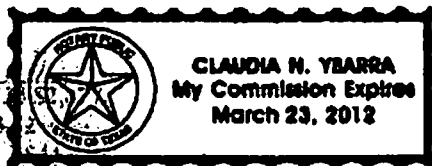
The undersigned CONTRACTOR certifies that (1) all previous progress payments received from OWNER on account of Work done under the Contract referred to above have been applied on account to discharge CONTRACTOR'S legitimate obligations incurred in connection with Work covered by prior Applications for Payment numbered 1 through 5 inclusive; (2) title of all Work, materials and equipment incorporated in said Work or otherwise listed in or covered by this Application for Payment will pass to OWNER at time of payment free and clear of all Liens, security interests and encumbrances (except such as are covered by a Bond acceptable to OWNER indemnifying OWNER against any such Lien, security interest or encumbrance); and (3) all Work covered by this Application for Payments is in accordance with the Contract Documents and not defective.

Dated 12/22/08

By: [Signature]
Raul Iglesias, Manager
Asago, LLC dba Asago Construction

State of Texas
County of Hidalgo
Subscribed and sworn to before me this 22nd
day of December

Claudia N. Ybarra
Notary Public
My Commission expires: 3-23-2012



Payment of the above AMOUNT DUE THIS APPLICATION is recommended.

Dated 12/30/08
INVOICE RECEIVED BY: [Signature] ON 12/31/08 BY: Javier Hinojosa, P.E.
GOODS/SERVICES RECEIVED BY: JAVIER HINOJOSA ENGINEERING ON 12/31/08

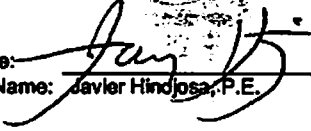
Asago, LLC dba Asago Construction Contractor Name
 8/11/2008 Starting Date
 Project Ending Date
 5% Retainage Percent

Application No.: 5
 Application Date: 12/23/2008
 Period To: 12/22/2008
 Engineer Firm: JAVIER HINOJOSA ENG.

Summary

CSJ #	CSJ Name	Schedule Value	Work Previously Completed	This Period	Total Complete to Date	Balance To Finish	Retainage	Net	Payments to Date	Payment Due
2C-1080-250	EI Sol #1 Subd. Ohio Street	\$ 65,855.00	\$ 65,415.00	\$ 440.00	\$ 65,855.00	\$ -	\$ 3,297.75	\$ 62,657.25	\$ 62,144.25	\$ 513.00
2C-1080-250	EI Sol #1 Subd. Idaho Street	\$ 88,020.00	\$ 87,400.00	\$ 620.00	\$ 88,020.00	\$ -	\$ 3,401.00	\$ 84,619.00	\$ 84,030.00	\$ 589.00
2C-1080-250	EI Sol #1 Subd. New Mexico Street	\$ 66,390.00	\$ 65,810.00	\$ 580.00	\$ 66,390.00	\$ -	\$ 3,319.50	\$ 63,070.50	\$ 62,519.50	\$ 551.00
2C-1080-250	EI Sol #1 Subd. Alaska Avenue	\$ 53,590.00	\$ 53,390.00	\$ 200.00	\$ 53,590.00	\$ -	\$ 2,679.50	\$ 50,910.50	\$ 50,720.50	\$ 190.00
2C-1080-250	EI Sol #2 Subd. Nevada Street	\$ 60,130.00	\$ 49,165.00	\$ 10,965.00	\$ 60,130.00	\$ -	\$ 3,006.50	\$ 57,123.50	\$ 46,706.75	\$ 10,416.75
2C-1080-251	EI Sol #2 Subd. Montana Street	\$ 55,215.00	\$ 45,265.00	\$ 9,950.00	\$ 55,215.00	\$ -	\$ 2,760.75	\$ 52,454.25	\$ 43,001.75	\$ 9,452.50
2C-1080-251	EI Sol #2 Subd. Kansas Street	\$ 59,775.00	\$ 36,385.00	\$ 23,410.00	\$ 59,775.00	\$ -	\$ 2,988.75	\$ 58,786.25	\$ 34,546.75	\$ 22,239.50
2C-1080-251	EI Sol #2 Subd. Cerda Blvd.	\$ 103,176.00	\$ 93,248.00	\$ 9,930.00	\$ 103,176.00	\$ -	\$ 5,158.80	\$ 98,017.20	\$ 88,583.70	\$ 9,433.50
	EI Sol #1 & #2 Mail Box Relocate	\$ 3,750.00	\$ 1,875.00	\$ 1,875.00	\$ 3,750.00	\$ -	\$ 187.50	\$ 3,562.50	\$ 1,781.25	\$ 1,781.25
Grand Total		\$ 536,001.00	\$ 477,931.00	\$ 458,070.00	\$ 536,001.00	\$ -	\$ 26,800.05	\$ 509,200.95	\$ 454,034.45	\$ 455,166.50

Prepared and Checked By:

Signature: 
 Printed Name: Javier Hinojosa, P.E.

Date: 12/31/08

Asago, LLC dba Asago Construction
 09/11/08
 El Sol #1 Subd - Ohio St., Idaho St.,
 New Mexico St. & Alaska Ave.

Contractor Name
 Starting Date
 Project Ending Date
 Engineer's / County Project Description

Application No.: 5
 Application Date: 12/23/08
 Period To: 12/22/08
 Engineer's / County Project No: 2C-1080-280

No.	Item Code	Description	Unit	Rate	Schedule Value		Work Previously Completed		This Period		Total Completed To Date		Balance To Finish	
					Quan.	Dollars	Quan.	Dollars	Quan.	Dollars	Quan.	Dollars	Quan.	Dollars
Paving														
1	100	Preparing ROW	BTA	\$ 650.00	34.33	\$ 22,314.50	34.33	\$ 22,314.50	0.00	\$ -	34.33	\$ 22,314.50	0.00	\$ -
2	134	Backfill (TY A)	BTA	\$ 650.00	34.33	\$ 22,314.50	34.33	\$ 22,314.50	0.00	\$ -	34.33	\$ 22,314.50	0.00	\$ -
3	247	FL BS (Compl In Place) (TY D GR6 CL4)	SY	\$ 4.00	11707.00	\$ 46,828.00	11,707.00	\$ 46,828.00	0.00	\$ -	11,707.00	\$ 46,828.00	0.00	\$ -
4	251	Rewking BS Matrl (DC)(TY D CL2)	SY	\$ 2.00	11707.00	\$ 23,414.00	11,707.00	\$ 23,414.00	0.00	\$ -	11,707.00	\$ 23,414.00	0.00	\$ -
5	262	Lime Treat for BS CRSE (NEW BS)	SY	\$ 2.00	11707.00	\$ 23,414.00	11,707.00	\$ 23,414.00	0.00	\$ -	11,707.00	\$ 23,414.00	0.00	\$ -
6	502	Barricades, Signs and Traffic Handling	MO	\$ 1,000.00	2.00	\$ 2,000.00	2.00	\$ 2,000.00	0.00	\$ -	2.00	\$ 2,000.00	0.00	\$ -
7	5249	Temporary Sediment Control Fence	LF	\$ 5.00	970.00	\$ 4,850.00	970.00	\$ 4,850.00	0.00	\$ -	970.00	\$ 4,850.00	0.00	\$ -
8	5249	Temporary Sediment Control Fence (REMOVE)	LF	\$ 2.00	970.00	\$ 1,940.00	0.00	\$ -	970.00	\$ 1,940.00	970.00	\$ 1,940.00	0.00	\$ -
Drainage														
9	530	Driveway (ASPH-CONC-PAV)(PB-1)	SY	\$ 15.00	2539.00	\$ 38,085.00	2,539.00	\$ 38,085.00	0.00	\$ -	2,539.00	\$ 38,085.00	0.00	\$ -
10	530	Driveway (Concrete 300 PSI)	SY	\$ 35.00	517.00	\$ 18,095.00	517.00	\$ 18,095.00	0.00	\$ -	517.00	\$ 18,095.00	0.00	\$ -
11	556	15" RCP Culvert Pipe	LF	\$ 15.00	1880.00	\$ 28,200.00	1,880.00	\$ 28,200.00	0.00	\$ -	1,880.00	\$ 28,200.00	0.00	\$ -
12	556	18" RCP Culvert Pipe	LF	\$ 20.00	420.00	\$ 8,400.00	420.00	\$ 8,400.00	0.00	\$ -	420.00	\$ 8,400.00	0.00	\$ -
13	556	30" RCP Culvert Pipe	LF	\$ 30.00	0.00	\$ -	0.00	\$ -	0.00	\$ -	0.00	\$ -	0.00	\$ -
14	556	Type "CC" Inlet	EA	\$ 1,900.00	3.00	\$ 5,700.00	3.00	\$ 5,700.00	0.00	\$ -	3.00	\$ 5,700.00	0.00	\$ -
15	556	Safety End Treatments	EA	\$ 700.00	12.00	\$ 8,400.00	12.00	\$ 8,400.00	0.00	\$ -	12.00	\$ 8,400.00	0.00	\$ -
16														
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					\$253,955.00		\$252,015.00		\$ 1,940.00		\$253,955.00		\$ -	

8-1311-431-00-123-250-0-733 - 0.00

8-1311-431-00-123-250-0-734 - 1,940.00 - 97.00 = 1,843.00

Prepared and Checked By:

Signature: Javier Rinosa
 Printed Name: Javier Rinosa, P.E.

Date: 12/30/08

Asago, LLC dba Asago Construction
08/11/08
EI Sol #2 Subd - Nevada St., Montana St.,
Kansas St., & Cerda Blvd.

Contractor Name
 Starting Date
 Project Ending Date
 Engineer's / County Project Description

Application No: 5
 Application Date: 12/23/08
 Period To: 12/22/08
 Engineer's / County Project No: 2C-1080-251

No.	Item Code	Description	Unit	Rate	Schedule Value		Work Previously Completed		This Period		Total Completed To Date		Balance To Finish	
					Quan.	Dollars	Quan.	Dollars	Quan.	Dollars	Quan.	Dollars	Quan.	Dollars
Paving														
1	100	Preparing ROW	STA	\$ 650.00	38.73	\$ 25,174.50	38.73	\$ 25,174.50	0.00	\$ -	38.73	\$ 25,174.50	0.00	\$ -
2	134	Backfill (TY A)	STA	\$ 650.00	38.73	\$ 25,174.50	38.73	\$ 25,174.50	0.00	\$ -	38.73	\$ 25,174.50	0.00	\$ -
3	247	FL BS (Compl in Place) (TY D GR6 CL4)	SY	\$ 4.00	13089.00	\$ 52,278.00	13,089.00	\$ 52,278.00	0.00	\$ -	13,089.00	\$ 52,278.00	0.00	\$ -
4	281	Rewking BS Matrl (DC)(TY D CL2)	SY	\$ 2.00	13089.00	\$ 26,138.00	13,089.00	\$ 26,138.00	0.00	\$ -	13,089.00	\$ 26,138.00	0.00	\$ -
5	282	Lime Treat for BS CRSE (NEW BS)	SY	\$ 2.00	13089.00	\$ 26,138.00	10,069.00	\$ 20,138.00	3,000.00	\$ 6,000.00	13,069.00	\$ 26,138.00	0.00	\$ -
6	502	Barricades, Signs and Traffic Handling	MO	\$1,000.00	2.00	\$ 2,000.00	2.00	\$ 2,000.00	0.00	\$ -	2.00	\$ 2,000.00	0.00	\$ -
7	5249	Temporary Sediment Control Fence	LF	\$ 5.00	900.00	\$ 4,500.00	600.00	\$ 3,000.00	300.00	\$ 1,500.00	900.00	\$ 4,500.00	0.00	\$ -
8	5249	Temporary Sediment Control Fence (REMOVE)	LF	\$ 2.00	900.00	\$ 1,800.00	0.00	\$ -	900.00	\$ 1,800.00	900.00	\$ 1,800.00	0.00	\$ -
Drainage														
9	530	Driveway (ASPH-CONC-PAV)(PB-1)	SY	\$ 15.00	2101.00	\$ 31,515.00	0.00	\$ -	2,101.00	\$ 31,515.00	2,101.00	\$ 31,515.00	0.00	\$ -
10	530	Driveway (Concrete 300 PSI)	SY	\$ 35.00	384.00	\$ 13,440.00	0.00	\$ -	384.00	\$ 13,440.00	384.00	\$ 13,440.00	0.00	\$ -
11	556	15" RCP Culvert Pipe	LF	\$ 15.00	1560.00	\$ 23,400.00	1,560.00	\$ 23,400.00	0.00	\$ -	1,560.00	\$ 23,400.00	0.00	\$ -
12	556	18" RCP Culvert Pipe	LF	\$ 20.00	420.00	\$ 8,400.00	420.00	\$ 8,400.00	0.00	\$ -	420.00	\$ 8,400.00	0.00	\$ -
13	556	30" RCP Culvert Pipe	LF	\$ 30.00	648.00	\$ 19,440.00	648.00	\$ 19,440.00	0.00	\$ -	648.00	\$ 19,440.00	0.00	\$ -
14	556	Type "CC" Inlet	EA	\$1,900.00	7.00	\$ 13,300.00	7.00	\$ 13,300.00	0.00	\$ -	7.00	\$ 13,300.00	0.00	\$ -
15	556	Safety End Treatments	EA	\$ 700.00	8.00	\$ 5,600.00	8.00	\$ 5,600.00	0.00	\$ -	8.00	\$ 5,600.00	0.00	\$ -
16														
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25														
					\$278,296.00		\$224,041.00		\$ 54,255.00		\$278,296.00		\$ -	

8-1311-431-00-123-251-0-733 - \$44,900.00 (\$-2,247.75) = \$42,652.25

8-1311-431-00-123-251-0-734 - \$9,300.00 (\$-465.00) = \$8,835.00

Prepared and Checked By: _____ Signature: Javier Hinojosa Date: 12/30/08
 Printed Name: Javier Hinojosa, P.E.

Asago, LLC dba Asago Construction Contractor Name
08/11/08 Starting Date
Project Ending Date
EI Sol #1 & EI Sol #2 Subd - Mailboxes Engineer's / County Project Description

Application No.: **5**
 Application Date: **12/23/08**
 Period To: **12/22/08**
 Engineer's / County Project No: **2C-1080-251**

No.	Item Code	Description	Unit	Rate	Schedule Value		Work Previously Completed		This Period		Total Completed To Date		Balance To Finish	
					Quan.	Dollars	Quan.	Dollars	Quan.	Dollars	Quan.	Dollars	Quan.	Dollars
Paving														
1	100	Preparing ROW	STA	\$ 650.00	0.00	\$ -	0.00	\$ -	0.00	\$ -	0.00	\$ -	0.00	\$ -
2	134	Backfill (TY A)	STA	\$ 650.00	0.00	\$ -	0.00	\$ -	0.00	\$ -	0.00	\$ -	0.00	\$ -
3	247	FL BS (Compl in Place) (TY D GR6 CL4)	SY	\$ 4.00	0.00	\$ -	0.00	\$ -	0.00	\$ -	0.00	\$ -	0.00	\$ -
4	261	Rowling BS Matrl (DC)(TY D CL2)	SY	\$ 2.00	0.00	\$ -	0.00	\$ -	0.00	\$ -	0.00	\$ -	0.00	\$ -
5	262	Lime Treat for BS CRSE (NEW BS)	SY	\$ 2.00	0.00	\$ -	0.00	\$ -	0.00	\$ -	0.00	\$ -	0.00	\$ -
6	502	Barricades, Signs and Traffic Handling	MD	\$ 1,000.00	0.00	\$ -	0.00	\$ -	0.00	\$ -	0.00	\$ -	0.00	\$ -
7	5249	Temporary Sediment Control Fence	LF	\$ 5.00	0.00	\$ -	0.00	\$ -	0.00	\$ -	0.00	\$ -	0.00	\$ -
8	5249	Temporary Sediment Control Fence (REMOVE)	LF	\$ 2.00	0.00	\$ -	0.00	\$ -	0.00	\$ -	0.00	\$ -	0.00	\$ -
8	5249	Relocate Mail Boxes	LS	\$ 1.00	3750.00	\$ 3,750.00	0.50	\$ 1,875.00	0.50	\$ 1,875.00	1.00	\$ 3,750.00	0.00	\$ -
Drainage														
9	530	Driveway (ASPH-CONC-PAV)(PB-1)	SY	\$ 15.00	0.00	\$ -	0.00	\$ -	0.00	\$ -	0.00	\$ -	0.00	\$ -
10	530	Driveway (Concrete 300 PSI)	SY	\$ 35.00	0.00	\$ -	0.00	\$ -	0.00	\$ -	0.00	\$ -	0.00	\$ -
11	556	15" RCP Culvert Pipe	LF	\$ 15.00	0.00	\$ -	0.00	\$ -	0.00	\$ -	0.00	\$ -	0.00	\$ -
12	556	18" RCP Culvert Pipe	LF	\$ 20.00	0.00	\$ -	0.00	\$ -	0.00	\$ -	0.00	\$ -	0.00	\$ -
13	556	30" RCP Culvert Pipe	LF	\$ 30.00	0.00	\$ -	0.00	\$ -	0.00	\$ -	0.00	\$ -	0.00	\$ -
14	556	Type "CC" Inlet	EA	\$ 1,900.00	0.00	\$ -	0.00	\$ -	0.00	\$ -	0.00	\$ -	0.00	\$ -
15	556	Safety End Treatments	EA	\$ 700.00	0.00	\$ -	0.00	\$ -	0.00	\$ -	0.00	\$ -	0.00	\$ -
16														
17	8-1311-431-00-123-250-D-734-937.50(-46.88)=\$890.62													
18														
19	8-1311-431-00-123-251-D-734-937.50(-46.88)=\$890.62													
20														
21														
22														
23														
24														
25														
					\$ 3,760.00		\$ 1,875.00		\$ 1,875.00		\$ 3,760.00		\$ -	

Prepared and Checked By:

Signature: 
 Printed Name: Javier Hidalgo, P.E.

Date: 12/30/08

ASAGO CONSTRUCTION

"QUALITY AND SERVICE"



RAÚL IGLESIAS
Manager

ASAGO, LLC
2113 Pecos
Mission, TX 78572
(956) 607-0741 office
(956) 585-7040 fax
iglesias@hiline.net

December 22, 2008

Mr. Javier Hinojosa, P.E.
Javier Hinojosa Engineering
4126 E. Dove Ave.
McAllen, TX 78504

RE: Hidalgo County Colonia Access Program
Drainage and Paving Construction at El Sol Subdivision Unit # 1 & 2
Contract No.: C-CAP-08-021-7-01

RFP # 5
LIST OF SUPPLIERS

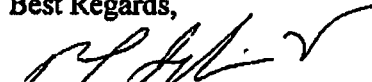
Valley Caliche Products, Inc.

P.O. Box 1086, Mission, TX 78572

956-581-2751

If you have any questions, please call me at (956) 607-0741

Best Regards,



Raul Iglesias, Manager

P.O. Box 1086,

PARTIAL/FINAL WAIVER OF LIEN

THE STATE OF TEXAS

COUNTY OF HIDALGO

The undersigned contracted with Hidalgo County
to furnish Road and Drainage Construction
in connection with certain improvements to real property located in El Sol Subd. Unit # 1 and Unit # 2
County, Texas, and owned by Hidalgo County
Which improvements are described as followed:

Road and Drainage Construction at El Sol Subdivision Unit # 1 and Unit # 2

In consideration of Pay Estimate No. 5 in the amount of Fifty-Five Thousand
One Hundred Sixty-Six Dollars and Fifty Cents (\$ 55,166.50) and other good and
valuable consideration, the receipt and sufficiency of which is hereby acknowledged and confessed, the
undersigned does hereby waive and release any mechanic's lien or materialmen's lien or claims of lien that
the undersigned has or hereafter has of the above mentioned real property on account of any labor
performed or materials furnished or to be furnished or labor performed and materials furnished by the
undersigned pursuant to the above-mentioned contract or any constitutional lien that the undersigned may
have.

Undersigned hereby guarantees that all bids for labor performed and/or materials furnished in the erection
and construction of such improvements on the Property have been fully paid and satisfied and Undersigned
does further guarantee that if for any reason a lien or liens are filed for material or labor against said
Property arising out of any bills for material or labor in connection with the erection or construction of said
improvements thereon, Undersigned will obtain a settlement of such lien or liens and a proper release
thereof shall be obtained.

ASAGO, LLC, DBA, ASAGO CONSTRUCTION

[Signature]
CONTRACTOR

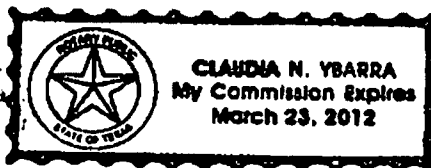
Notary Public
Commission at El Sol

By: Raul Iglesias, Manager
TITLE

SWORN TO AND SUBSCRIBED BEFORE ME, on this the 22nd day of December, 20 08 to
certify which witness my hand and seal of office.

[Signature]
NOTARY PUBLIC in and for the State of Texas

My Commission Expires: 3-23-2012



WAIVER OF LIEN

December 22, 2008

County of Hidalgo
State of Texas
El Sol Subdivision Unit # 1 and Unit # 2

Re: Road and Drainage Construction of El Sol Subdivision Unit # 1 & Unit # 2

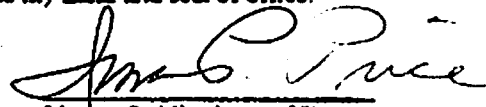
In consideration of payment received of \$ 37,994.46 (Invoice No. 92257, 92235, 92278, 92300, 93226, 93287, 93264) with Ch # 9251 Valley Caliche Products, Inc. waives and releases any lien for all materials furnished to Asago Construction and the Hidalgo County for the use on the project commonly known as El Sol Subdivision Unit # 1 and 2 located in Hidalgo County, Texas up to and including 12-22-2008. Rio Valley Pipe, Ltd. further states that this release shall not become effective until all checks given us as part of the consideration shall have been honored and paid in full.

WAIVER OF


Valley Caliche Products, Inc

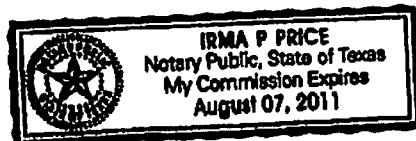
STATE OF TEXAS
COUNTY OF HIDALGO

Subscribed and sworn to before me, the undersigned authority, on this the 22ND day of DEC., 2008 to certify which, witness my hand and seal of office.


Notary Public, State of Texas
Notary's Name Printed:

My commission expires: 8-7-11

IRMA P. PRICE



**Prevailing Wage Rates
Certification Statement**

*Needs your
Approval
& Signature
MJ.*

Date: January 06, 2008

Project Name: El Sol I and El Sol II Subdivision

CSJ# 2C1080250 &
2C1080251

Contractor: Asago dba Asago Construction

Application# 5

I, Agapito Vargas do hereby state:
(Name of Project Director)

1. That a payroll (form WH-347 or similar form) was submitted for contract work performed for the period covered by the attached application.
2. That a statement of compliance (form WH-347 or similar form) was submitted with the payroll.
3. The certified payroll complies with the classifications and minimum wage rates stipulated in the contract.
4. That a minimum of one interview was conducted with laborers using Form HUD-11 or similar.

Signature



L&G Engineering Laboratory
 Construction Material Testing
 Geotechnical Engineering

2100 W Expressway 85 Mercedes TX 78570 (956) 565 0760
 900 S Stewart Rd Ste 6 Mission TX 78572 (956) 583 7117

**PROCTOR
 TEST REPORT**

Project Description: El Sol Subdivision Phase I
 Client: Hidalgo County Pct. 3
 Engineer: Javier Hinojosa Engineering
 Contractor: Asago Construction

L & G Project Number: L37808
 L & G Report Number: R002
 Sample Date: 09/23/2008
 Date Reported: 09/29/2008

Field Number: S. Base #1

Page 1 of 2

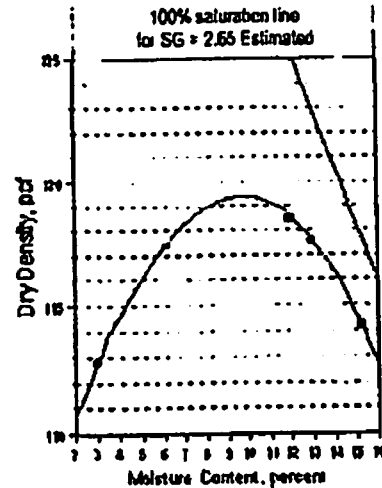
Compaction Method: ASTM D-1557
 Material Description: Salvage Base

Specific Gravity: 2.65

Liquid Limit: 36
 Plastic Limit: 26
 Plasticity Index: 10
 % Passing No. 200: 0.0

Specimen No.:	1	2	3	4	5
Moisture, %:	2.9	6.2	12.1	13.1	15.2
Dry Density (pcf):	112.6	117.4	118.5	117.6	114.3

Maximum Dry Density in P.C.F.: 119.5
 Optimum Moisture (%): 10.0



Remarks: Minus 200 Not Performed
 Test Method: ASTM D-1557 Method A, Tex Method 114E

Orig: Hidalgo County Pct 3 (Mission, TX)
 (1-cc copy)
 1-cc Javier Hinojosa Engineering
 1-cc Asago Construction Attn: Joe Borjas
 1-cc Laboratory

Respectfully Submitted,
 L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager



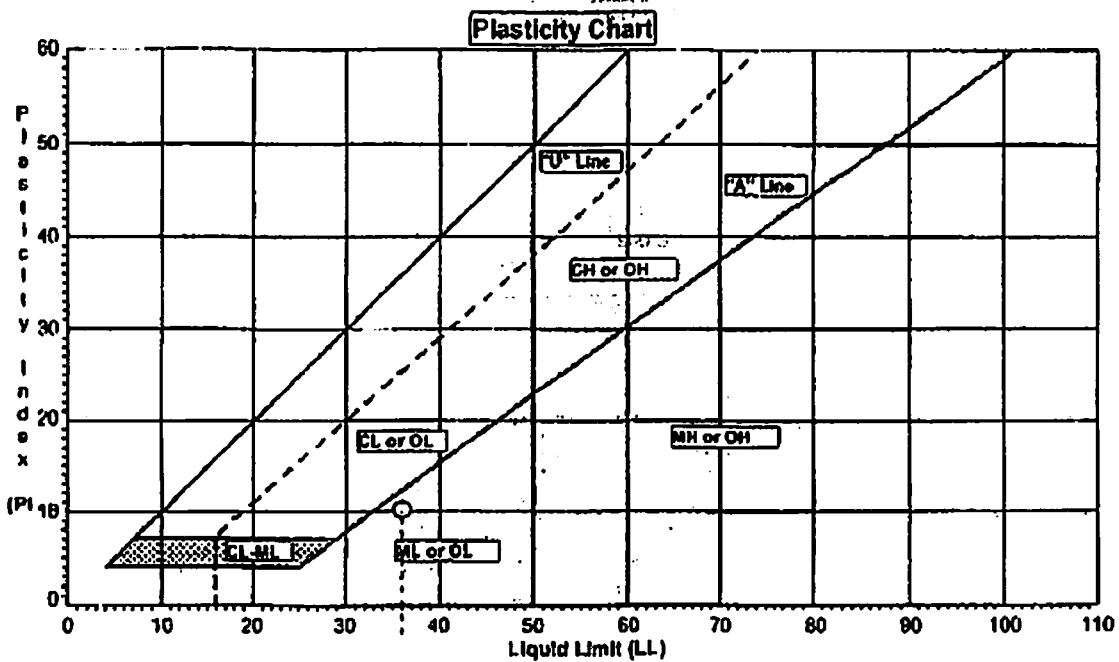
**PROCTOR
 TEST REPORT**

Project Description: El Sol Subdivision Phase I
 Client: Hidalgo County Pct 3
 Engineer: Javier Hinojosa Engineering
 Contractor: Asago Construction

L&G Project Number: L37808
 L&G Report Number: R002
 Sample Date: 09/23/2008
 Date Reported: 09/29/2008

Field Number: S. Base #1

Page 2 of 2



Orig: Hidalgo County Pct 3 (Mission, TX)
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 1-cc Asago Construction Attn: Joe Borjas
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Respectfully Submitted,
 L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

**PROCTOR
 TEST REPORT**

Project Description: El Sol Subdivision Phase I
 Client: Hidalgo County Pct. 3
 Engineer: Javier Hinojosa Engineering
 Contractor: Asago Construction

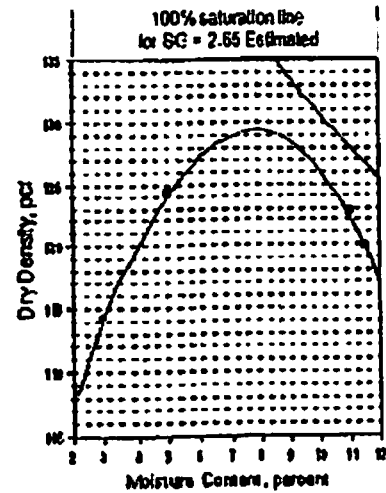
L&G Project Number: L37808
 L&G Report Number: R003
 Sample Date: 09/29/2008
 Date Reported: 10/02/2008

Field Number: S. Base #2
 Compaction Method: ASTM D 1557
 Material Description: Salvage Base

Page 1 of 1
 Specific Gravity: 2.65

% Passing No. 200: 0.0

Specimen No.:	1	2	3	4
Moisture, %:	3.0	5.1	11.0	11.4
Dry Density (pcf):	114.3	124.4	122.8	120.4
Maximum Dry Density in P.C.F.: 128.5				
Optimum Moisture (%): 8.0				



Remarks: Minus 200 Not Performed / Bar Linear Shrinkage Value = 4 %
 Test Method: ASTM D-1557 Method-A, Tex Method 114E

Orig: Hidalgo County Pct. 3 (Mission, TX)
 (1-cc copy)
 1-cc Javier Hinojosa Engineering
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 1-cc Laboratory

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Orlando A. De Leon, Laboratory Manager



L&G Engineering Laboratory
Construction Material Testing
Geotechnical Engineering

2100 W. Expressway R3 Mercedes, TX 78570 (956) 565-0760
 900 S. Stewart Rd. Ste 6 Mission, TX 78572 (956) 583-7117

FIELD DENSITIES
TEST REPORT

Project Description: El Sol Subdivision Phase I
 Client: Hidalgo County Pct. 3
 Engineer: Javier Hinojosa Engineering
 Contractor: Asago Construction

L & G Project Number: L37808
 L & G Report Number: R004
 Sample Date: 09/29/2008
 Date Reported: 09/29/2008

Page 1 of 1

Material Description	Limed Caliche		
Required % Proctor	95	Moisture Tolerance	± 3
	Proctor No	Optimum % Moisture	Opt. Density, LB/CF
	S.BASE # 1	10.0	119.5

Test No.	Test Location	Proctor No	Moisture Content	Dry Density	Percent Compaction	Inches
1	Alaska Street Sta 10 + 00 2' E. of Centerline	S.BASE # 1	8.3%	125.4 pcf	104.9% (Pass)	6"
2	Alaska Street Sta 13 + 50 3' W. of Centerline	S.BASE # 1	8.7%	127.2 pcf	106.4% (Pass)	6"
3	Alaska Street Sta 15 + 00 5' E. of Centerline	S.BASE # 1	12.6%	121.7 pcf	101.8% (Pass)	6"

Remarks: Test results are in general compliance with the project specifications except as noted.
 Test Methods: ASTM D2922, D3017

Orig: Hidalgo County Pct. 3 (Mission, TX)
 (1-cc copy)
 1-cc Javier Hinojosa Engineering
 1-cc Asago Construction Attn: Joe Borjas
 1-cc Laboratory

Respectfully Submitted,
 L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

**FIELD DENSITIES
 TEST REPORT**

Project Description: El Sol Subdivision Phase I
 Client:
 Engineer: Javier Hinojosa Engineering
 Contractor: Asago Construction

L&G Project Number: L37808
 L&G Report Number: R005
 Sample Date: 10/06/2008
 Date Reported: 11/13/2008

Page 1 of 1

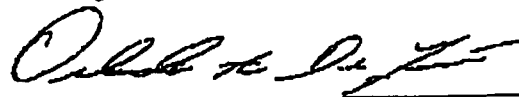
Material Description	Salvage Base	
Required % Proctor	95	Moisture Tolerance -2 + 3
	Proctor No	Optimum % Moisture
	S.BASE # 1	10.0
		Opt. Density, LB/CF
		118.5

Test No.	Test Location	Proctor No	Moisture Content	Dry Density	Percent Compaction	Inches
1	New Mexico St. Sta. 10 + 50 4' N. of Centerline	S.BASE # 1	11.2%	120.5 pcf	100.8% (Pass)	6"
2	New Mexico St. Sta. 13 + 50 3' S. of Centerline	S.BASE # 1	12.2%	118.3 pcf	99.0% (Pass)	6"
3	New Mexico St. Sta. 16 + 50 6' N. of Centerline	S.BASE # 1	12.1%	116.3 pcf	97.3% (Pass)	6"
4	New Mexico St. Sta. 19 + 50 on Centerline	S.BASE # 1	11.2%	117.1 pcf	98.0% (Pass)	6"

Remarks: Test results are in general compliance with the project specifications except as noted.
 Test Methods: ASTM D2922, D3017

Charge: Hidalgo County Pct 3
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 1-cc Javier Hinojosa Engineering
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 1-cc Laboratory

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Orlando A. De Leon, Laboratory Manager

L&G Engineering Laboratory
 Construction Material Testing
 Geotechnical Engineering

2100 W Expressway 83 Mercedes, TX 78570 (956) 565-0760
 5005 Stewart Rd Ste 6 Mission, TX 78572 (956) 583 7117

**FIELD DENSITIES
 TEST REPORT**

Project Description: El Sol Subdivision Phase I
 Client:
 Engineer: Javier Hinojosa Engineering
 Contractor: Asago Construction

L&G Project Number: L37808
 L&G Report Number: RU06
 Sample Date 10/09/2008
 Date Reported: 11/13/2008

Page 1 of 1

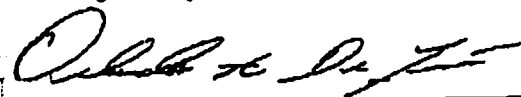
Material Description	Subgrade	
Required % Proctor	95	Moisture Tolerance -2 + 3
	Proctor No	Optimum % Moisture
	S. BASE #2	8.0
		Opt. Density, LB/CF
		129.5

Test No.	Test Location	Proctor No	Moisture Content	Dry Density	Percent Compaction	Inches
1	Alaska St. Sta. 18 + 00 5' W of Centerline	S. BASE #2	7.6%	127.5 pcf	98.5% (Pass)	6"
2	Ohio St. Sta. 15 + 00 2' S of Centerline	S. BASE #2	8.2%	128.0 pcf	98.8% (Pass)	6"
3	Ohio St. Sta. 17 + 00 6' N. of Centerline	S. BASE #2	8.2%	128.9 pcf	99.5% (Pass)	6"
4	Ohio St. Sta. 13 + 00 5' S. of Centerline	S. BASE #2	8.0%	125.8 pcf	97.1% (Pass)	6"
6	Ohio St. Sta. 11 + 00 6' N. of Centerline	S. BASE #2	9.2%	123.5 pcf	95.4% (Pass)	6"

Remarks: Test results are in general compliance with the project specifications except as noted.
 Test Methods: ASTM D2922, D3017

Charge: Hidalgo County Pct. 3
 1-cc copy)
 1-cc copy)
 -cc Javier Hinojosa Engineering
 -cc Asago Construction Attn: Joe Borjas
 -cc Laboratory

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Orlando A. De Leon, Laboratory Manager

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Construction Material Testing
Geotechnical Engineering

2100 W. Expressway 63 Mercedes TX 78570 (956) 566-0780
800 S Stewart Rd Ste 6 Mission TX 78572 (956) 583-7117

**SIEVE ANALYSIS
TEST REPORT**

Project Description: El Sol Subdivision Phase I
Client:
Engineer: Javier Hinojosa Engineering
Contractor: Asago Construction

L&G Project Number: I 37808
L&G Report Number: R008
Sample Date: 10/14/2008
Date Reported: 11/13/2008

[Handwritten Signature]

Field Number: B.Material #2
Description: Base Material

Page 1 of 1

<u>Sieve</u>	<u>% Retained</u>	<u>Low</u>	<u>High</u>
2 in	0	0	0
1/2 in	33	20	60
No. 4	54	40	75
No. 40	90	70	90

Remarks: Texas Wet Ball Value 46%
Test Method (As Applicable): Tex Method 401-A, Tex 116-E

[Handwritten Signature]

[Handwritten Signature]

Charge: Hidalgo County Pcl. 3
(1-cc copy)
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1-cc Javier Hinojosa Engineering
1-cc Asago Construction Attn: Joe Borjas
1-cc Laboratory

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[Handwritten Signature]

Orlando A. De Leon, Laboratory Manager

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Geotechnical Engineering

2100 W Expressway 83 Mercedes TX 78570 (956) 565-0760
900 S Stewart Rd Ste 6 Mission, TX 78572 (956) 583-7117

ATTERBERG LIMITS TEST REPORT

Project Description: El Sol Subdivision Phase I
Client:
Engineer: Javier Hinojosa Engineering
Contractor: Asago Construction

L & G Project Number: 137808
L & G Report Number: R009
Sample Date: 10/14/2008
Date Reported: 11/13/2008

Field Number: B.Material #2

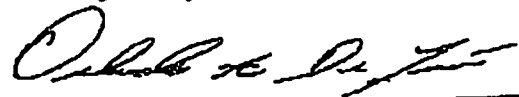
Page 1 of 2

Description: Base Material
Liquid Limit: 21
Plastic Limit: 19
Plasticity Index: 2

Test Method (As Applicable): ASTM D4318

Charge: Hidalgo County Pct. 3
(1-cc copy)
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1-cc Javier Hinojosa Engineering
1-cc Asago Construction Attn: Joe Borjes
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory



Orlando A. De Leon, Laboratory Manager

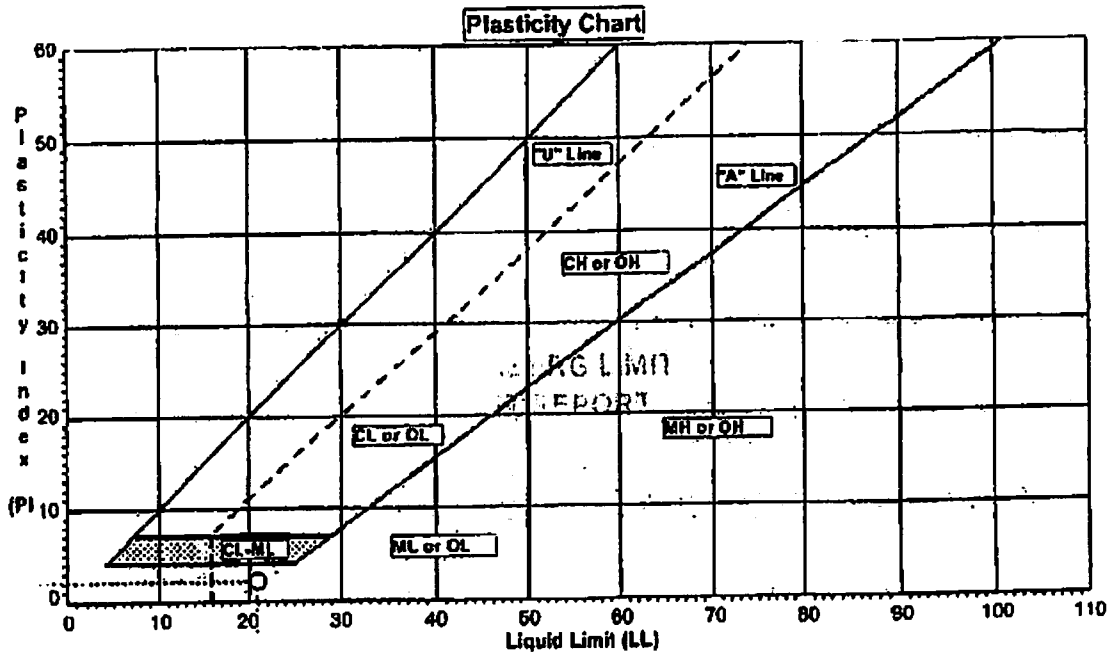
**ATTERBERG LIMITS
 TEST REPORT**

Project Description: El Sol Subdivision Phase I
 Client:
 Engineer: Javier Hinojosa Engineering
 Contractor: Asago Construction

L&G Project Number: L37808
 L&G Report Number: R009
 Sample Date: 10/14/2008
 Date Reported: 11/13/2008

Field Number: B.Material #2

Page 2 of 2



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 1-cc Laboratory

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 L&G Engineering Laboratory

Orlando A. De Leon

 Orlando A. De Leon, Laboratory Manager

L & G Engineering Laboratory
Construction Material Testing
Geotechnical Engineering

2100 W Expressway 83 Mercedes, TX 78570 (956) 566-0780
 800 S Stewart Rd Ste 1 Mission, TX 78572 (956) 583-7117

**PROCTOR
 TEST REPORT**

Project Description: El Sol Subdivision Phase I
 Client:
 Engineer: Javier Hinojosa Engineering
 Contractor: Asago Construction

L & G Project Number: L37808
 L & G Report Number: R010
 Sample Date: 10/17/2008
 Date Reported: 11/13/2008

Field Number: Lime B.M. #1

Page 1 of 2

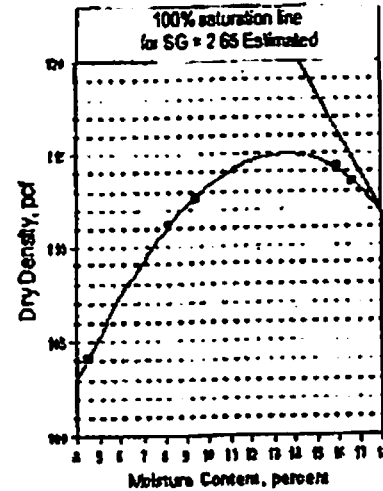
Compaction Method: ASTM D-1557
 Material Description: Lime Base Material

Specific Gravity: 2.65

Liquid Limit: 46
 Plastic Limit: 34
 Plasticity Index: 11
 % Passing No. 200: 0.0
 Group Symbol: ML

Specimen No.:	1	2	3	4	5
Moisture, %:	4.6	8.3	9.4	15.9	18.8
Dry Density (pcf):	104.4	111.1	112.5	114.3	113.3

Maximum Dry Density in P.C.F.: 115.0
 Optimum Moisture (%): 14.0



Test Method: ASTM D-1557 Method-A

Charge: Hidalgo County Pct. 3
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 1-cc Javier Hinojosa Engineering
 1-cc Asago Construction Attn: Joe Borjas
 1-cc Laboratory

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Orlando A. De Leon, Laboratory Manager

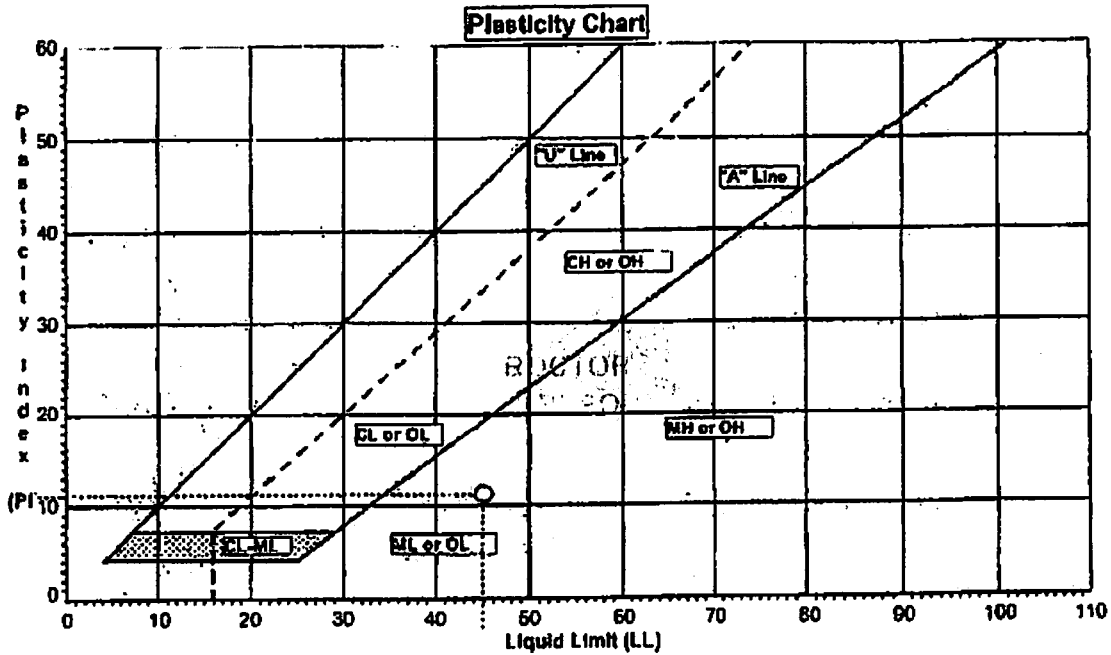
**PROCTOR
 TEST REPORT**

Project Description: El Sol Subdivision Phase I
 Client:
 Engineer: Javier Hinojosa Engineering
 Contractor: Asago Construction

L&G Project Number: L37808
 L&G Report Number: R010
 Sample Date 10/17/2008
 Date Reported: 11/13/2008

Field Number: Lime B.M. #1

Page 2 of 2



Charge: Hidalgo County Pct. 3
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 1-cc Javier Hinojosa Engineering
 1-cc Asago Construction Attn: Joe Borjas
 1-cc Laboratory

Respectfully Submitted,
 L&G Engineering Laboratory

Orlando A. De Leon

Orlando A. De Leon, Laboratory Manager

**FIELD DENSITIES
 TEST REPORT**

Project Description: El Sol Subdivision Phase I
 Client:
 Engineer: Javier Hinojosa Engineering
 Contractor: Asago Construction

L&G Project Number: 137808
 L&G Report Number: R011
 Sample Date: 10/21/2008
 Date Reported: 11/13/2008

Page 1 of 1

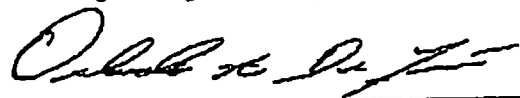
Material Description	Salvage Base #2		
Required % Proctor	95	Moisture Tolerance	-2 + 3
	Proctor No	Optimum % Moisture	Opt. Density, LB/CF
	S. BASE #2	8.0	128.5

Test No.	Test Location	Proctor No	Moisture Content	Dry Density	Percent Compaction	Inches
1	Idaho 90' E. of Alaska Intersection on Centerline	S. BASE #2	8.6%	127.6 pcf	98.5% (Pass)	6"
2	Idaho 230' E of Alaska Intersection 6' S of Centerline	S. BASE #2	6.4%	128.6 pcf	99.3% (Pass)	6"
3	Idaho 80' W. of Alaska Intersection 5' N. of Centerline	S. BASE #2	7.3%	128.7 pcf	99.4% (Pass)	6"
4	Idaho 250' W. of Alaska Intersection On Centerline	S. BASE #2	7.8%	125.6 pcf	97.0% (Pass)	6"

Remarks: Test results are in general compliance with the project specifications except as noted.
 Test Methods: ASTM D2922, D3017

Charge: Hidalgo County Pcl. 3
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 1-cc Javier Hinojosa Engineering
 1-cc Asago Construction Attn: Jose Borjas
 1-cc Laboratory

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 L&G Engineering Laboratory



Orlando A. De Leon, Laboratory Manager

L&G Engineering Laboratory
Construction Material Testing
Geotechnical Engineering

2100 W Expressway E3 Mercedes, TX 76570 (856) 565 0760
 900 S Stewart Rd Ste 6 Mission TX 76572 (856) 563 7117

FIELD DENSITIES
TEST REPORT

Project Description: El Sol Subdivision Phase I
 Client:
 Engineer: Javier Hinojosa Engineering
 Contractor: Asago Construction

L&G Project Number: L37808
 L&G Report Number: R012
 Sample Date: 10/22/2008
 Date Reported: 11/13/2008

Page 1 of 1

Material Description	Lime Base		
Required % Proctor	98	Moisture Tolerance	-2 + 3
	Proctor No	Optimum % Moisture	Opt. Density, LB/CF
	LIME B.M. #1	14.0	115.0

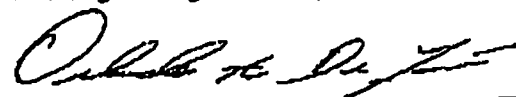
Test No.	Test Location	Proctor No	Moisture Content	Dry Density	Percent Compaction	Inches
1	Alaska St 50' N of Ohio Intersection 6' W of Centerline	LIME B.M. #1	15.1%	119.8 pcf	104.0% (Pass)	6"
2	Alaska St. 150' S of Ohio Intersection 5' E. of Centerline	LIME B.M. #1	16.5%	117.0 pcf	101.7% (Pass)	6"
3	Alaska St. 75' N. of Idaho Intersection on Centerline	LIME B.M. #1	15.5%	115.4 pcf	100.3% (Pass)	6"
4	Alaska St 45' S of Idaho Intersection 10' E of Centerline	LIME B.M. #1	14.3%	113.3 pcf	98.5% (Pass)	6"
5	Alaska St 200' S. of Idaho Intersection on Centerline	LIME B.M. #1	13.1%	116.8 pcf	101.6% (Pass)	6"
6	Alaska St. 6' N. of New Mexico Intersection 5' W. of Centerline	LIME B.M. #1	12.6%	112.7 pcf	98.0% (Pass)	6"

Remarks: Test results are in general compliance with the project specifications except as noted.
 Test Methods: ASTM D2922, D3017

2 + 3

Charge: Hidalgo County Pcd. 3
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 1-cc Javier Hinojosa Engineering
 1-cc Asago Construction Attn: Joe Borjas
 1-cc Laboratory

Respectfully Submitted,
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Orlando A. De Leon, Laboratory Manager

L&G Engineering Laboratory
Construction Material Testing
Geotechnical Engineering

2100 W Expressway B3
 900 S Stewart Rd Ste 6

Mercedes, TX 78570 (956) 565-0160
 Mission, TX 78572 (956) 583 7117

FIELD DENSITIES
TEST REPORT

Project Description: El Sol Subdivision Phase I
 Client:
 Engineer: Javier Hinojosa Engineering
 Contractor: Asago Construction

L&G Project Number: 137808
 L&G Report Number: RD13
 Sample Date: 10/22/2008
 Date Reported: 11/13/2008

Page 1 of 1

Material Description	Lime Base		
Required % Proctor	98	Moisture Tolerance	-2 + 3
	Proctor No	Optimum % Moisture	Opt. Density, LB/CF
	LIME B.M. #1	14.0	115.0

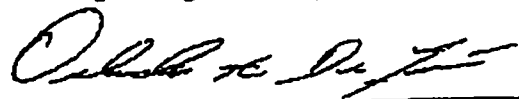
Test No.	Test Location	Proctor No	Moisture Content	Dry Density	Percent Compaction	Inches
1	Ohio St. 80' E. of Alaska Intersection 4' N. of Centerline	LIME B.M. #1	16.9%	113.2 pcf	98.4% (Pass)	6"
2	Ohio St 220' E of Alaska Intersection 10' N. of Centerline	LIME B.M. #1	15.4%	114.7 pcf	99.7% (Pass)	6"
3	Ohio St 70' W. of Alaska Intersection 8' S of Centerline	LIME B.M. #1	15.6%	115.3 pcf	100.3% (Pass)	6"
4	Ohio St. 210' W. of Alaska Intersection 4' N. of Centerline	LIME B.M. #1	16.1%	113.8 pcf	99.0% (Pass)	6"

Remarks: Test results are in general compliance with the project specifications except as noted.
 Test Methods: ASTM D2922, D3017

Charge: Hidalgo County Pct 3
 (1-cc copy)
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 1-cc Javier Hinojosa Engineering
 1-cc Asago Construction Attn: Joe Borjas
 1-cc Laboratory

TEST NO. 1
 LIME B.M. #1

Respectfully Submitted,
 L&G Engineering Laboratory



Orlando A. De Leon, Laboratory Manager

**REPORT OF SITE VISIT
TEST REPORT**

Project Description: El Sol Subdivision Phase I
Client:
Engineer: Javier Hinojosa Engineering
Contractor: Asago Construction

L&G Project Number: I 37808
L&G Report Number: R014
Sample Date: 10/24/2008
Date Reported: 11/13/2008

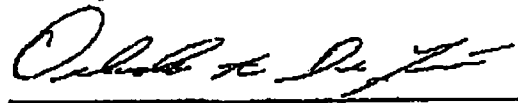
Page 1 of 1

On October 24, 2008 a representative of L&G Engineering Laboratory was dispatched to El Sol Subdivision Ph I to perform inspection testing on Field Densities on Lime treated base material. The material was not ready and the representative of Asago Construction advised that he would re schedule the test for a later time.

Test Methods (If Applicable): ASTM C-231, ASTM C-143, STM C-1064, ASTM C-31, ASTM C-172

Charge: Hidalgo County Pct 3
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1-cc Javier Hinojosa Engineering
1-cc Asago Construction Attn: Joe Borjas
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory



Orlando A De Leon, Laboratory Manager

L&G Engineering Laboratory

Construction Material Testing
Geotechnical Engineering

2100 W Expi. Hwy 83 Mercedes, TX 78570 (956) 565-0760
900 S Stewart Rd. Ste 6 Mission, TX 78572 (956) 583-7117

FIELD DENSITIES TEST REPORT

Project Description: El Sol Subdivision Phase I
Client:
Engineer: Javier Hinojosa Engineering
Contractor: Asago Construction

L&G Project Number: L37808
L&G Report Number: R015
Sample Date: 10/27/2008
Date Reported: 10/27/2008

Page 1 of 1

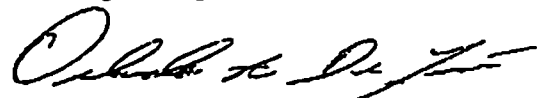
Material Description Callche
Required % Proctor 98 Moisture Tolerance -2 + 3
Proctor No Optimum % Moisture Opt. Density, LB/CF
LIME B.M. #1 14.0 115.0

Test No.	Test Location	Proctor No	Moisture Content	Dry Density	Percent Compaction	Inches
1	New Mexico St. 250' W. of Alaska Intersection 2' N. of Centerline	LIME B.M. #1	18.8%	107.9 pcf	93.8% (Fail)	6"

Remarks: Test failed to meet density requirements.
Test Methods: ASTM D2922, D3017

(1-cc copy)
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1-cc Javier Hinojosa Engineering
1-cc Asago Construction Attn: Joe Borjas
1-cc Laboratory

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L&G Engineering Laboratory



Orlando A. De Leon, Laboratory Manager

L&G Engineering Laboratory

Construction Material Testing
Geotechnical Engineering

2100 W. Expressway 83 Mercedes, TX 78570 (956) 565-0760
900 S. Stewart Rd. Ste 6 Mission, TX 78572 (956) 583-7117

FIELD DENSITIES TEST REPORT

Project Description: El Sol Subdivision Phase I
Client:
Engineer: Javier Hinojosa Engineering
Contractor: Asago Construction

L&G Project Number: L37808
L&G Report Number: R016
Sample Date: 10/27/2008
Date Reported: 10/27/2008

Page 1 of 1

Material Description	Limed Caliche		
Required % Proctor	98	Moisture Tolerance	-2 + 3
	Proctor No	Optimum % Moisture	Opt. Density, LB/CF
	LIME B.M. #1	14.0	115.0

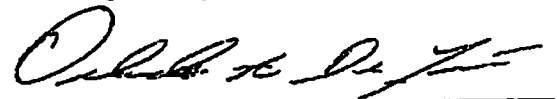
Test No.	Test Location	Proctor No	Moisture Content	Dry Density	Percent Compaction	Inches
1	New Mexico St. 325' W. of Alaska on Centerline	LIME B.M. #1	15.7%	113.5 pcf	98.7% (Pass)	6"
2	New Mexico St. 100' W. of Alaska 6' S. of Centerline	LIME B.M. #1	13.8%	115.0 pcf	100.0% (Pass)	6"
3	New Mexico St. 100' E. of Alaska 6' S. of Centerline	LIME B.M. #1	13.2%	112.7 pcf	98.0% (Pass)	6"
4	New Mexico St. 300' E. of Alaska 6' N. of Centerline (Retest)	LIME B.M. #1	14.6%	114.9 pcf	99.9% (Pass)	6"

Remarks: Test results are in general compliance with the project specifications except as noted.
Test Methods: ASTM D2922, D3017

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1-cc Javier Hinojosa Engineering
1-cc Asago Construction Attn: Joe Borjas
1-cc Laboratory

Proctor No.
LIME B.M. #1

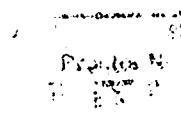
Respectfully Submitted,
L&G Engineering Laboratory



Orlando A. De Leon, Laboratory Manager

**REPORT OF SITE VISIT
TEST REPORT**

Project Description: El Sol Subdivision Phase I
Client:
Engineer: Javier Hinojosa Engineering
Contractor: Asago Construction



L&G Project Number: L37808
L&G Report Number: R017
Sample Date: 11/06/2008
Date Reported: 12/03/2008

Page 1 of 1

On November 6, 2008 a representative of L&G Engineering Laboratory was dispatched to El Sol Subdivision Ph. I project to perform inspection of Caliche densities. The Contractor was not ready for testing.

- (1-cc copy)
- (1-cc copy)
- 1-cc Hidalgo County Pct. #3 (CAP)
- 1-cc Javier Hinojosa Engineering
- 1-cc Asago Construction Attn: Joe Borjas
- 1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

L&G Engineering Laboratory

Construction Material Testing
Geotechnical Engineering

2100 W Exp. way 83 Mercedes, TX 78570 (956) 565-0760
900 S Stewart Rd. Ste. 6 Mission, TX 78572 (956) 583-7117

PROCTOR TEST REPORT

Project Description: El Sol Subdivision Phase I
Client:
Engineer: Javier Hinojosa Engineering
Contractor: Asago Construction

L&G Project Number: L37808
L&G Report Number: R018
Sample Date: 11/07/2008
Date Reported: 12/02/2008

Field Number: Lime B.M. #2

Compaction Method: TEX-113
Material Description: Base Material

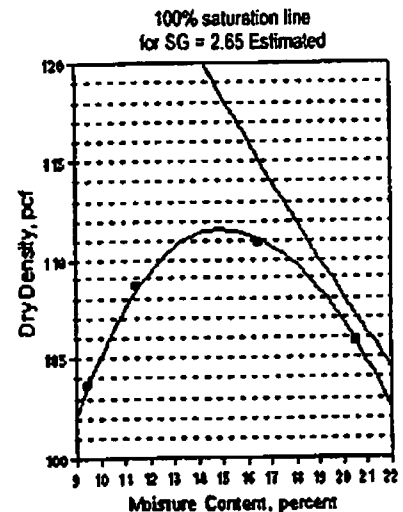
Page 1 of 1

Specific Gravity: 2.65

Liquid Limit: NP
Plastic Limit: NP
Plasticity Index: NP
% Passing No. 200: 0.0

Specimen No.:	1	2	3	4
Moisture, %:	9.8	11.6	16.5	20.6
Dry Density (pcf):	103.9	108.7	110.8	105.6

Maximum Dry Density in P.C.F.: 111.5
Optimum Moisture (%): 14.8



Remarks: Bar Linear Shrinkage Value - 4 % / -200 Not Performed
Test Method: TEX 113 Method-A

(1-cc copy)
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1-cc Hidalgo County Pct. #3 (CAP)
1-cc Javier Hinojosa Engineering
1-cc Asago Construction Attn: Joe Borjas
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

L&G Engineering Laboratory

Construction Material Testing
Geotechnical Engineering

2100 W Exp way 83 Mercedes, TX 78570 (956) 565-0760
900 S Stewart Rd Ste 6 Mission, TX 78572 (956) 583-7117

FIELD DENSITIES TEST REPORT

Project Description: El Sol Subdivision Phase I
Client:
Engineer: Javier Hinojosa Engineering
Contractor: Asago Construction

L&G Project Number: L37808
L&G Report Number: R019
Sample Date: 11/03/2008
Date Reported: 11/03/2008

Page 1 of 1

Material Description	Roadway Lime Caliche	
Required % Proctor	115	Moisture Tolerance -2+3
	Proctor No	Optimum % Moisture
	LIME B.M. #1	14.0
		Opt. Density, LB/CF
		115.0

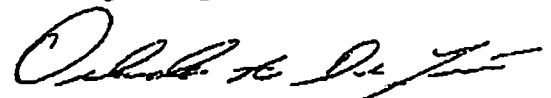
Test No.	Test Location	Proctor No	Moisture Content	Dry Density	Percent Compaction	6
1	Idaho St. 125' West of Alaska Rd. 5' South of Centerline	LIME B.M. #1	14.9%	105.8 pcf	92.0% (Fail)	

Remarks: Test results are in general compliance with the project specifications except as noted.
Test Methods: ASTM D2922, D3017

Optimum % Moisture
14.0

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1-cc Javier Hinojosa Engineering
1-cc Asago Construction Attn: Joe Borjas
1-cc Laboratory

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Orlando A. De Leon, Laboratory Manager

L&G Engineering Laboratory
 Construction Material Testing
 Geotechnical Engineering

2100 W Exp. . way 83 Mercedes, TX 78570 (956) 565-0760
 900 S Stewart Rd. Ste. 6 Mission, TX 78572 (956) 583-7117

**FIELD DENSITIES
 TEST REPORT**

Project Description: El Sol Subdivision Phase I
 Client:
 Engineer: Javier Hinojosa Engineering
 Contractor: Asago Construction

L&G Project Number: L37808
 L&G Report Number: R020
 Sample Date: 11/12/2008
 Date Reported: 11/12/2008

Page 1 of 1

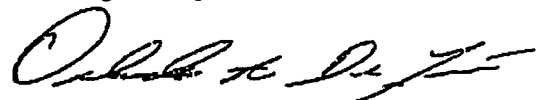
Material Description	Roadway Caliche		
Required % Proctor	111.5	Moisture Tolerance	-2+3
	<u>Proctor No</u>	<u>Optimum % Moisture</u>	<u>Opt. Density, LB/CF</u>
	LIME B.M. #2	14.8	111.5

Test No.	Test Location	Proctor No	Moisture Content	Dry Density	Percent Compaction	6
1	Idaho St. Station 11+50 1' North of Centerline (Retest)	LC # 1	13.4%	109.6 pcf	98.3% (Pass)	
2	Idaho St. Station 15+50 Centerline	LC # 1	13.2%	109.5 pcf	98.2% (Pass)	

Remarks: Test results are in general compliance with the project specifications except as noted.
 Test Methods: ASTM D2922, D3017

(1-cc copy)
 (1-cc copy)
 1-cc Javier Hinojosa Engineering
 1-cc Asago Construction Attn: Joe Borjas
 1-cc Laboratory

Respectfully Submitted,
 L&G Engineering Laboratory



Orlando A. De Leon, Laboratory Manager

L&G Engineering Laboratory
Construction Material Testing
Geotechnical Engineering

2100 W Exp. Hwy 83 Mercedes, TX 78570 (956) 565-0760
900 S Stewart Rd Ste 6 Mission, TX 78572 (956) 583-7117

**PROCTOR
TEST REPORT**

Project Description: El Sol Subdivision Phase II
Client: Hidalgo County Pct. #3 (CAP)
Contractor: Asago Construction

L&G Project Number: L37812
L&G Report Number: R001
Sample Date: 11/07/2008
Date Reported: 12/02/2008

Field Number: Salvage Base

Page 1 of 2

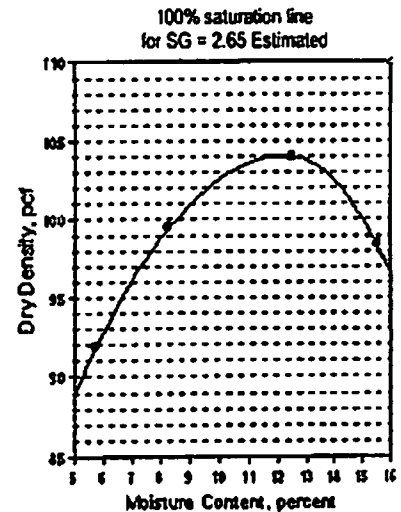
Compaction Method: TEX-114
Material Description: Salvage Base

Specific Gravity: 2.65

Liquid Limit: 23
Plastic Limit: 13
Plasticity Index: 10
% Passing No. 200: 0.0
Group Symbol: CL

Specimen No.:	1	2	3	4
Moisture, %:	5.7	8.3	12.6	15.4
Dry Density (pcf):	91.7	99.5	104.0	98.8

Maximum Dry Density in P.C.F.: 104.0
Optimum Moisture (%): 12.3



Remarks: -200 not performed
Test Method: TEX 114 Method-A

Orig: Hidalgo County Pct. #3 (CAP) (Mission, TX)
(1-cc copy)
1-cc Asago Construction Attn: Joe Borjas
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Ricardo A. Gil, Lab Manager

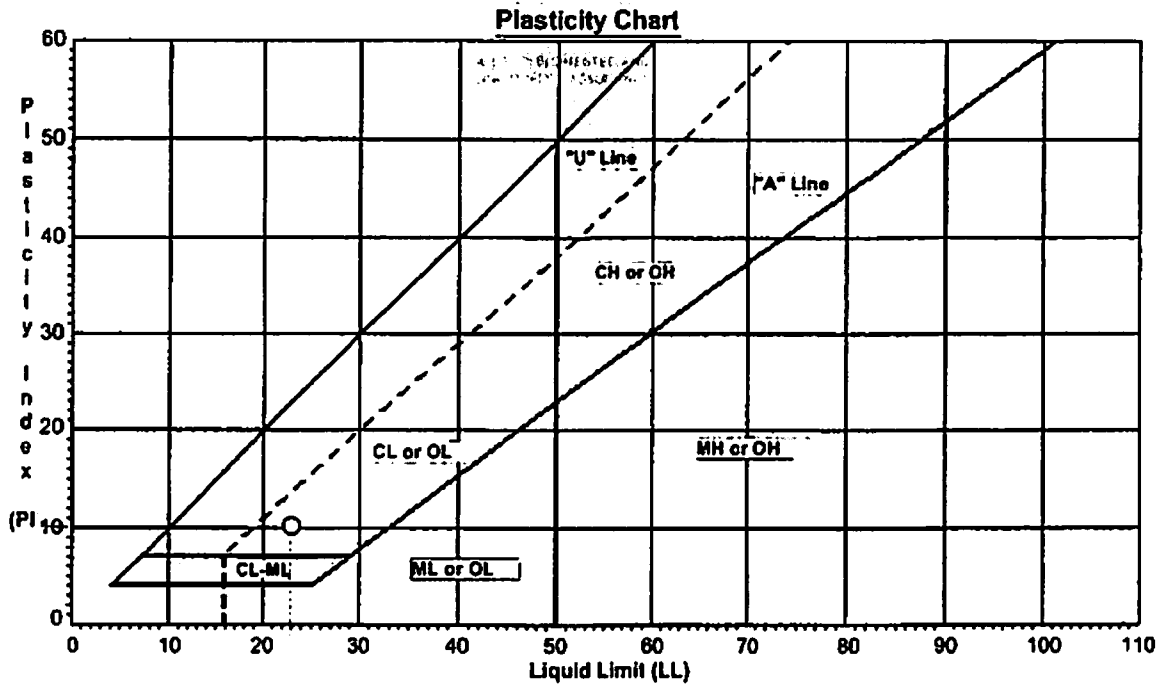
PROCTOR
TEST REPORT

Project Description: El Sol Subdivision Phase II
 Client: Hidalgo County Pct. #3 (CAP)
 Contractor: Asago Construction

L&G Project Number: L37812
 L&G Report Number: R001
 Sample Date: 11/07/2008
 Date Reported: 12/02/2008

Field Number: Salvage Base

Page 2 of 2



Orig: Hidalgo County Pct. #3 (CAP) (Mission, TX)
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 1-cc Asago Construction Attn: Joe Borjas
 1-cc Laboratory

Respectfully Submitted,
 L&G Engineering Laboratory

Ricardo A. Gil, Lab Manager

L&G Engineering Laboratory

Construction Material Testing
Geotechnical Engineering

2100 W Exp. Hwy 83 Mercedes, TX 78570 (956) 565-0760
900 S Stewart Rd. Ste. 6 Mission, TX 78572 (956) 583-7117

FIELD DENSITIES TEST REPORT

Project Description: El Sol Subdivision Phase II
Client: Hidalgo County Pct. #3 (CAP)
Contractor: Asago Construction

L&G Project Number: L37812
L&G Report Number: R002
Sample Date: 11/11/2008
Date Reported: 12/03/2008

Page 1 of 1

Material Description Roadway Salvage
Required % Proctor 104 Moisture Tolerance -2+3
Proctor No. Optimum % Moisture Opt. Density, LB/CF
SALAVGE BASE 12.3 104.0

Test No.	Test Location	Proctor No	Moisture Content	Dry Density	Percent Compaction	6
1	Cerda St. Station 21+00 6' West of Centerline	SALAVGE BASE	12.3%	121.3 pcf	116.6% (Pass)	
2	Cerda St. Station 17+00 8' East of Centerline	SALAVGE BASE	11.1%	112.7 pcf	108.4% (Pass)	
3	Cerda St. Station 13+00 Centerline	SALAVGE BASE	10.5%	121.7 pcf	117.0% (Pass)	
4	Cerda St. Station 11+00 2' West of Centerline	SALAVGE BASE	12.2%	124.4 pcf	119.6% (Pass)	

Remarks: Test results are in general compliance with the project specifications except as noted.
Test Methods: ASTM D2922, D3017

Orig: Hidalgo County Pct. #3 (CAP) (Mission, TX)
(1-cc copy)
1-cc Asago Construction Attn: Joe Borjas
1-cc Laboratory

Proctor No.
SALAVGE
BASE

Respectfully Submitted,
L&G Engineering Laboratory

Ricardo A. Gil, Lab Manager

L&G Engineering Laboratory

Construction Material Testing
Geotechnical Engineering

2100 W Exp. Hwy 83 Mercedes, TX 78570 (956) 585-0760
900 S Stewart Rd. Ste. 6 Mission, TX 78572 (956) 583-7117

FIELD DENSITIES TEST REPORT

Project Description: El Sol Subdivision Phase II
Client: Hidalgo County Pct. #3 (CAP)
Contractor: Asago Construction

L&G Project Number: L37812
L&G Report Number: R003
Sample Date: 11/12/2008
Date Reported: 11/12/2008

Page 1 of 1

Material Description Rodway Salvage

Required % Proctor 104 Moisture Tolerance -2+3

Proctor No	Optimum % Moisture	Opt. Density, LB/CF
SALAVGE BASE	12.3	104.0

Test No.	Test Location	Proctor No	Moisture Content	Dry Density	Percent Compaction	6
1	257' East of Cerda St. Intersection 4' South of Centerline	SALAVGE BASE	10.7%	121.6 pcf	116.9% (Pass)	
2	200' West of Cerda St. Intersection 3' North of Centerline	SALAVGE BASE	10.4%	122.1 pcf	117.4% (Pass)	

Remarks: Test results are in general compliance with the project specifications except as noted.
Test Methods: ASTM D2922, D3017

Orig: Hidalgo County Pct. #3 (CAP) (Mission, TX)
(1-cc copy)
1-cc Asago Construction Attn: Joe Borjas
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory


Ricardo A. Gil, Lab Manager

L&G Engineering Laboratory

Construction Material Testing
Geotechnical Engineering

2100 W Exp way 83 Mercedes, TX 78570 (956) 565-0760
900 S Stewart Rd Ste 6 Mission, TX 78572 (956) 583-7117

FIELD DENSITIES TEST REPORT

Project Description: El Sol Subdivision Phase II
Client: Hidalgo County Pct #3 (CAP)
Contractor: Asago Construction

L&G Project Number: L37812
L&G Report Number: R004
Sample Date: 11/14/2008
Date Reported: 11/14/2008

Page 1 of 1

Material Description	Subgrade		
Required % Proctor	95	Moisture Tolerance -2 +3	
	Proctor No	Optimum % Moisture	Opt. Density, LB/CF
	SALAVGE BASE	12.3	104.0

Test No.	Test Location	Proctor No	Moisture Content	Dry Density	Percent Compaction	Inches
1	Montana St. Sta. 17 + 50 6' N. of Centerline	SALAVGE BASE	13.6%	119.1 pcf	114.5% (Pass)	6"
2	Montana St. Sta. 15 + 00 4' S. of Centerline	SALAVGE BASE	12.8%	118.1 pcf	113.6% (Pass)	6"
3	Montana St. Sta. 13 + 50 8' N. of Centerline	SALAVGE BASE	13.1%	117.0 pcf	112.5% (Pass)	6"
4	Montana St. Sta. 11 + 00 3' S. of Centerline	SALAVGE BASE	13.6%	112.5 pcf	108.2% (Pass)	6"

Remarks: Test results are in general compliance with the project specifications except as noted.
Test Methods: ASTM D2922, D3017

Orig: Hidalgo County Pct. #3 (CAP) (Mission, TX)
(1-cc copy)
1-cc Asago Construction Attn: Joe Borjas
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Ricardo A. GB, Lab Manager

**FIELD DENSITIES
TEST REPORT**

Project Description: El Sol Subdivision Phase II
Client: Hidalgo County Pct. #3 (CAP)
Contractor: Asago Construction

L&G Project Number: L37812
L&G Report Number: R005
Sample Date: 11/18/2008
Date Reported: 11/18/2008

Page 1 of 1

Material Description	Subgrade		
Required % Proctor	95	Moisture Tolerance -2 + 3	
	Proctor No	Optimum % Moisture	Opt. Density, LB/CF
	SALAVGE BASE	12.3	104.0

Test No.	Test Location	Proctor No	Moisture Content	Dry Density	Percent Compaction	Inches
1	Kansas St. Sta. 18 + 00 6" N. of Centerline	SALAVGE BASE	13.2%	121.6 pcf	116.9% (Pass)	6"
2	Kansas St. Sta. 15 + 00 8" N. of Centerline	SALAVGE BASE	10.4%	122.6 pcf	117.9% (Pass)	6"
3	Kansas St. Sta. 11 + 00 3' S. of Centerline	SALAVGE BASE	10.3%	118.1 pcf	113.6% (Pass)	6"

Remarks: Test results are in general compliance with the project specifications except as noted.
Test Methods: ASTM D2922, D3017

Orig: Hidalgo County Pct. #3 (CAP) (Mission, TX)
(1-cc copy)
1-cc Asago Construction Attn: Joe Borjas
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Ricardo A. Gil, Lab Manager

**FIELD DENSITIES
TEST REPORT**

Project Description: El Sol Subdivision Phase II
Client: Hidalgo County Pct. #3 (CAP)
Contractor: Asago Construction

L&G Project Number: L37812
L&G Report Number: R006
Sample Date: 11/20/2008
Date Reported: 11/20/2008

Page 1 of 1

Material Description	Caliche		
Required % Proctor	98	Moisture Tolerance	-2 + 3
	Proctor No	Optimum % Moisture	Opt. Density, LB/CF
	Caliche	14.8	111.5

Test No.	Test Location	Proctor No	Moisture Content	Dry Density	Percent Compaction	Inches
1	Cerda St. Sta 16 + 50 9' W. of Centerline	Caliche	16.6%	110.3 pcf	98.9% (Pass)	6"
2	Cerda St. Sta 12 + 00 10' W. of Centerline	Caliche	15.0%	111.4 pcf	99.9% (Pass)	6"
3	Cerda St. Sta 21 + 50 5' E. of Centerline	Caliche	20.4%	105.5 pcf	94.6% (Fail)	6"

Remarks: Test results are in general compliance with the project specifications except as noted. *Test #3, failed to meet density requirements.

Test Methods: ASTM D2922, D3017

Orig: Hidalgo County Pct. #3 (CAP) (Mission, TX)
(1-cc copy)
1-cc Asago Construction Attn: Joe Borjas
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory


Ricardo A. Gil, Lab Manager

L&G Engineering Laboratory

Construction Material Testing
Geotechnical Engineering

2100 W Exp way 83 Mercedes, TX 78570 (956) 565-0760
900 S Stewart Rd Ste 6 Mission, TX 78572 (956) 583-7117

FIELD DENSITIES TEST REPORT

Project Description: El Sol Subdivision Phase II
Client: Hidalgo County Pct. #3 (CAP)
Contractor: Asago Construction

L&G Project Number: L37812
L&G Report Number: R007
Sample Date: 11/21/2008
Date Reported: 11/21/2008

Page 1 of 1

Material Description	Caliche		
Required % Proctor	98	Moisture Tolerance	-2 + 3
	Proctor No	Optimum % Moisture	Opt. Density, LB/CF
	Caliche	14.8	111.5

Test No.	Test Location	Proctor No	Moisture Content	Dry Density	Percent Compaction	Inches
1	Retest Cerda St. Sta. 21 + 50 9' W. of Centerline	Caliche	18.8%	109.3 pcf	98.0% (Pass)	6"

Remarks: Test results are in general compliance with the project specifications except as noted.

Test Methods: ASTM D2922, D3017

Orig: Hidalgo County Pct #3 (CAP) (Mission, TX)
(1-cc copy)
1-cc Asago Construction Attn: Joe Borjas
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Ricardo A. Gil, Lab Manager



L&G Engineering Laboratory
 Construction Material Testing
 Geotechnical Engineering

2100 W Expressway 83 Mercedes, TX 78570 (956) 565-0760
 900 S Stewart Rd Ste 6 Mission, TX 78572 (956) 583-7117

**PROCTOR
 TEST REPORT**

Project Description: El Sol Subdivision Phase I
 Client: Hidalgo County Pct. 3
 Engineer: Javier Hinojosa Engineering
 Contractor: Asago Construction

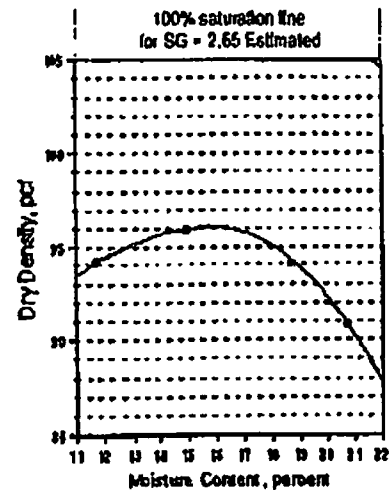
L&G Project Number: L37808
 L&G Report Number: R001
 Sample Date: 09/22/2008
 Date Reported: 09/29/2008

Field Number: Lime Subg #1
 Compaction Method: ASTM D-698
 Material Description: Limed Subgrade

Page 1 of 2
 Specific Gravity: 2.65

Liquid Limit: 36
 Plastic Limit: 29
 Plasticity Index: 7
 % Passing No. 200: 0.0
 Group Symbol: CL

Specimen No.:	1	2	3	4
Moisture, %:	11.8	15.1	18.8	20.8
Dry Density (pcf):	94.2	95.8	94.1	90.7
Maximum Dry Density in P.C.F.: 96.0				
Optimum Moisture (%): 15.9				



Remarks: Minus 200 Not Performed
 Test Method: ASTM D-898 Method-A, Tex Method 114E

Orig: Hidalgo County Pct 3 (Mission, TX)
 (1-cc copy)
 1-cc Javier Hinojosa Engineering
 1-cc Asago Construction Attn: Joe Borjas
 1-cc Laboratory

Respectfully Submitted,
 L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

JAVIER HINOJOSA ENGINEERING/Consulting Engineers

December 30, 2008

Commissioner Joe M. Flores
Hidalgo County Precinct 3
724 N. Breyfogle
Mission, Texas 78572

**Re: Colonia Access Program Contract No. C-CAP-08-021-7-01
El Sol #1 and El Sol #2 Subdivisions**

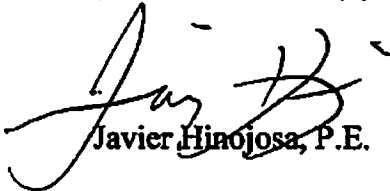
Dear Commissioner Flores,

Attached please find Payment Request No. 5 & Final for the referenced project as submitted by Asago Construction. This invoice is for work completed for the paving and drainage improvements for the El Sol #1 and El Sol #2 Subdivisions. All work has been completed as per plans and specifications prepared by my office. We recommend payment of this invoice in the amount of \$55,166.50. A 5% retainage is being held within this invoice.

If you have any questions or require further information, please feel free to contact me at your convenience.

Sincerely,

JAVIER HINOJOSA ENGINEERING



Javier Hinojosa, P.E.

cc: Mr. Agapito Vargas, Director, Colonia Access Program

416 E. Dove Avenue

McAllen, Texas 78504

Tel: (956) 668-1588

Fax: (956) 994-8102

javhin@rgv.rr.com

RECEIVED
Yolie Jackson

DEC 30 08

Hidalgo County
PRECINCT #2

S:\Office Documents\UHE2008\LETTERS-2008\PAYMENT REQUEST\PCT#3-EL SOL #1 AND EL SOL #2\Flores-Joe M-12-30-08.docx

4.03

Border Colonia Access Program
Checklist for Documentation Required for Road Construction

Contractor: Chicago LLC dba Chicago Construction
 Contract Amount: \$ 536,001.00
 Project/Precinct: EL #14 EL #2 / Pt. 3
 Owner's Contract No.: C-LAD-08-021-7-01

Item	Required Documents	Submitted & Reviewed	Approved	Comments:
	INITIATION OF PROJECT:			
1	Approval to Bid (Purchasing)			
2	Contract - Signed and Executed			
3	Gen. Liability Insurance - (Expiration Date)			
4	Automobile Liab. Insurance - (Expiration Date)			
5	Worker's Comp. & Empl. Liab. (Expiration Date)			
6	Notice to Proceed			
7	Material Sample & Testing Table Sent to Auditor's Office			Office
	PAYMENT REQUESTS, INCLUDING FINAL			
8	Application and Certification of Payment (A)	✓	✓	
9	Schedule of Values a/k/a 1257/1258	✓	✓	
10	Estimate Quantity Update Worksheet	✓	✓	
11	List of Suppliers and Sub-contractors	✓	✓	
12	Partial Waiver of Liens (Sub-contractors/suppliers)	✓	✓	
13	TxDot Form 252 Contract Time Statement	✓	✓	
14	Payroll Report w/signed Wage Form	✓	✓	
15	Change Order (Requires TxDot Concurrence)			
	RETAINAGE PAYMENT: Final request and request for retainage must be billed separately and approved by G.C.			
16	Punch List			
17	Certificate of Construction Completion			
18	Approval by Commissioner's Court			
19	Contractor's Affidavit of Release (Waiver) of Liens (with power of attorney)(B)			
20	Affidavit of Payment of Debts & Claims-Ten bond & indemnity bonds(w/power of attorney)(B)			
21	Consent of Surety to Final Payment(with power of attorney)(B)			
22	Final Blue Prints			