

APPLICATION FOR PAYMENT NO. 1 and FINAL

To: Hidalgo County (OWNER)
 From: Sascon, Inc. (CONTRACTOR)
 Contract: _____
 Project: Barney Groves Subdivision
 OWNER's Contract No. CAP-011-08-07-11 ENGINEER's Project No. 06-355
 For Work accomplished through the date of: 1/13/2009

| | | |
|---|----|------------------|
| 1. Original Contract Price: | \$ | <u>67,753.10</u> |
| 2. Net change by Change Orders and Written Agreements (+ or -): | \$ | <u>-</u> |
| 3. Current Contract Price (1 plus 2): | \$ | <u>67,753.10</u> |
| 4. Total completed and stored to date: | \$ | <u>67,753.10</u> |
| 5. Retainage (per Agreement): | | |
| <u>10%</u> of completed Work: | \$ | <u>6,775.31</u> |
| <u>0%</u> of stored material: | \$ | <u>-</u> |
| Total Retainage: | \$ | <u>6,775.31</u> |
| 6. Total completed and stored to date less retainage (4 minus 5): | \$ | <u>60,977.79</u> |
| 7. Less previous Application for Payments: | \$ | <u>-</u> |
| 8. AMOUNT DUE THIS APPLICATION (6 MINUS 7): | \$ | <u>60,977.79</u> |

Accompanying Documentation:

CONTRACTOR'S Certification:

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 2 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 Payment is in accordance with the Contract Documents and not defective.

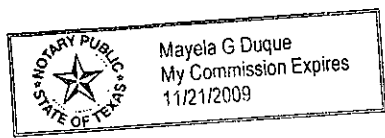
Dated 2-3-09 SASCON INC

 CONTRACTOR

By: [Signature]

State of Texas
 County of Hidalgo
 Subscribed and sworn to before me this 4th
 day of February, 2009

Mayela G Duque
 Notary Public
 My Commission expires: November 21, 2009



Payment of the above AMOUNT DUE THIS APPLICATION is recommended.

Dated 2-04-09 HINOJOSA ENGINEERING INC

 ENGINEER

By: [Signature]

INVOICE RECEIVED BY:
 _____ ON _____
GOODS/SERVICES RECEIVED BY:
 _____ ON _____

Estimate Quantity Update Worksheet
 Barney Groves Subdivision
 Colonia Access Program Project - Precinct No. 3
 CAP-08-011-07-11
 Contractor: Sascon, Inc.

| | | | | | | | RFP 1 and FINAL | | |
|-----------------|--|----------|------|-------------|----------------|--------------------|-----------------|-------------|--|
| Item No. | Description | Quantity | Unit | Unit Price | Project Amount | Quantity | Unit Price | Total | |
| Roadway | | | | | | | | | |
| 100 | Preparing ROW | 6.49 | STA | \$ 500.00 | \$3,245.00 | 6.49 | \$ 500.00 | \$3,245.00 | |
| 110 | Backfill | 6.49 | STA | \$ 400.00 | \$2,596.00 | 6.49 | \$ 400.00 | \$2,596.00 | |
| 247 | Flex Base | 449 | CY | \$ 26.00 | \$11,664.90 | 449 | \$ 26.00 | \$11,664.90 | |
| 251 | Reworking Base Material (DC)(TY D CL2) | 449 | CY | \$ 9.00 | \$4,037.85 | 449 | \$ 9.00 | \$4,037.85 | |
| 260 | Lime Treated Subgrade | 1,817 | SY | \$ 2.80 | \$5,086.20 | 1,817 | \$ 2.80 | \$5,086.20 | |
| 260 | Lime (TY A or B) | 9.61 | TON | \$ 200.00 | \$1,922.00 | 9.61 | \$ 200.00 | \$1,922.00 | |
| 310 | Prime Coat (MC-30) | 346 | GAL | \$ 5.00 | \$1,730.65 | 346 | \$ 5.00 | \$1,730.65 | |
| 340 | Asphalt Concrete Pavement Type "D" | 1,677.00 | SY | \$ 9.30 | \$15,931.50 | 1,677.00 | \$ 9.30 | \$15,931.50 | |
| 502 | Barricades, Signs & Traffic Handling | 1.50 | MO | \$ 1,800.00 | \$2,700.00 | 1.50 | \$ 1,800.00 | \$2,700.00 | |
| 506 | Construction Exits (TY 2) (Install) | 208.0 | SY | \$ 5.00 | \$1,040.00 | 208.0 | \$ 5.00 | \$1,040.00 | |
| 506 | Construction Exits (TY 2) (Remove) | 208.0 | SY | \$ 3.00 | \$624.00 | 208.0 | \$ 3.00 | \$624.00 | |
| 530 | Turnouts (Asph-Conc-Pav) | 73.0 | SY | \$ 21.00 | \$1,533.00 | 73.0 | \$ 21.00 | \$1,533.00 | |
| 5249 | Temp Sediment Control Fence | 208 | LF | \$ 5.00 | \$1,040.00 | 208 | \$ 5.00 | \$1,040.00 | |
| 5249 | Temp Sediment Control Fence (Remove) | 208 | LF | \$ 2.00 | \$416.00 | 208 | \$ 2.00 | \$416.00 | |
| Drainage | | | | | | | | | |
| 464 | RCP (CL III) (18") | 84 | LF | \$ 30.00 | \$2,520.00 | 84 | \$ 30.00 | \$2,520.00 | |
| 464 | RCP (CL III) (15") | 183 | LF | \$ 27.00 | \$4,995.00 | - | \$ 27.00 | \$0.00 | |
| 467 | Safety End Treatment | 2 | EA | \$ 700.00 | \$1,400.00 | 2 | \$ 700.00 | \$1,400.00 | |
| 530 | Driveways (TY PRB-1) (ACP) (1") | 143 | SY | \$ 21.00 | \$3,003.00 | 143 | \$ 21.00 | \$3,003.00 | |
| 530 | Driveways (TY PRB-1) (Concrete) | 54 | SY | \$ 42.00 | \$2,268.00 | 54 | \$ 42.00 | \$2,268.00 | |
| | Inverted Driveways | - | LS | \$ 4,995.00 | \$0.00 | 1 | \$ 4,995.00 | \$4,995.00 | |
| | | | | | TOTAL | \$67,753.10 | | | |
| | | | | | Roadway: | \$53,667.10 | | | |
| | | | | | Drainage: | \$14,186.00 | | | |

Prepared and Checked by:

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

Engineer: Hinojosa Engineering, Inc.
 Contractor: Sascon, Inc.
 Retainage Percent: 10%
 Starting Date:

| Summary | | | | | | | | | | |
|------------------|---------------------------|-------------------------|------------------------|---------------------------|--------------------|-------------------|-------------------|--------------------|------------------|--------------------|
| Contract No. | Description | Original Schedule Value | Revised Schedule Value | Application No. 1 & FINAL | Total to Date | Balance to Finish | Retainage | Net | Payments to Date | Payment Due |
| CAP-08-011-07-11 | Barbey Groves Subdivision | \$67,753.10 | \$67,753.10 | \$67,753.10 | \$67,753.10 | \$0.00 | \$6,775.31 | \$60,977.79 | \$0.00 | \$60,977.79 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | TOTALS: | | | | \$67,753.10 | \$0.00 | \$6,775.31 | \$60,977.79 | \$0.00 | \$60,977.79 |

FINAL WAIVER OF LEIN

THE STATE OF TEXAS

COUNTY OF Hidalgo

The undersigned contracted with County of Hidalgo
to furnish construction
in connection with certain improvements to real property located in Hidalgo
County, Texas, and owned by Hidalgo County
Which improvements are described as follows:

Construction of a new subdivision

In consideration of Pay Estimate No 1&Final in the amount of Sixty seven thousand Seven Hundred Fifty three & ten DOLLAR(\$ 67753.10)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 on 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.

SASCON, INC.

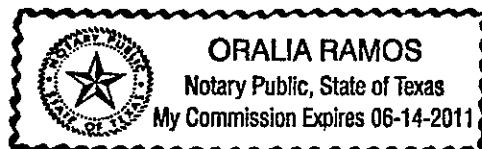
CONTRACTOR

BY: Cand Moss VP/Sec
TITLE

SWORN TO AND SUBSCRIBED BEFORE ME, on this the 13th day of Jan, 2009 to certify which witness my hand and seal of office.

Oralia Ramos
NOTARY PUBLIC in and for the State of Texas

My Commission Expires: 06/14/2011



APPLICATION FOR PAYMENT NO.

To: HIDALGO COUNTY (OWNER)
 From: SASCON, INC. (CONTRACTOR)
 Contract: _____
 Project: Barney Groves
 Owner's Contract No. _____ Engineer's Project No. _____
 For Work accomplished through the date of: 1-13-09

| | |
|--|------------------------------|
| 1. Original Contract Price: | <u>67753.10</u> |
| 2. Net change by Change Order and Written Agreements(+or-): | <u> </u> |
| 3. Current Contract Price (1 plus 2): | <u>67753.10</u> |
| 4. Total completed and stored to date: | <u>67753.10</u> |
| 5. Retainage (per Agreement): | |
| <u>10%</u> of completed Work: | <u> </u> |
| _____ of stored material | <u> </u> |
| Total Retainage: | <u>6775.31</u> |
| 6. Total completed and stored to date less retainage (4 minus 5) | <u>60977.79</u> |
| 7. Less previous Application for Payments: | <u> .00</u> |
| 8. AMOUNT DUE THIS APPLICATION (6 MINUS 7) | <u>60977.79</u> |

Accompanying Documentation:

CONTRACTOR'S Certification:
 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 2 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.

Date 1-13-09
 State of Texas
 County of Hidalgo 13th
 Subscribed and sworn to before me this 13th
 day of Jan. 2009

SASCON Inc
 CONTRACTOR
 By: Carel Sheen

Oralia Ramos
 Notary Public
 My Commission expires: 06/14/2011



Payment of the above AMOUNT DUE THIS APPLICATION is recommended.
 Date 2-04-09

HINOJOSA ENGINEERING INC
 ENGINEER
 By: [Signature]

SASCON
INC.
HASTE

5200 N. 26th Lane
McAllen, Texas 78504
Phone: (354) 682-3454
Fax: (354) 682-2542

- PAVING
- TRUCKING
- EQUIPMENT
- EXCAVATION
- UTILITIES

Hidalgo

PAYMENT
REQUEST
1st & Final

DATE: 1-13-09

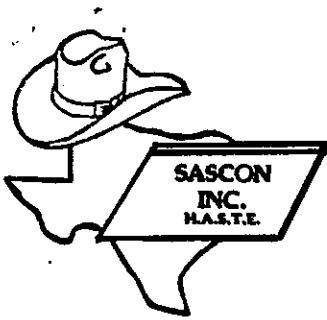
JOB#: _____

PROJECT NAME: Barney Groves

LOCATION: _____

| # | DESCRIPTION | UNIT | EST. QUANTITY | UNIT COST | WORK COMP | AMOUNT DUE |
|-----|---------------------------------|------|---------------|-----------|-----------|------------|
| 1. | Repare R.O.W. | STA | 6.49 | 500.00 | 6.49 | 3245.00 |
| 2. | Backfill | STA | 6.49 | 400.00 | 6.49 | 2596.00 |
| 3. | Base | CY | 448.65 | 26.00 | 448.65 | 11664.90 |
| 4. | Rework base | CY | 448.65 | 9.00 | 448.65 | 4037.85 |
| 5. | Lime | SY | 1816.50 | 2.80 | 1816.5 | 5086.20 |
| 6. | Lime | TONS | 9.61 | 200.00 | 9.61 | 1922.00 |
| 7. | MC30 | GAL | 346.13 | 5.00 | 346.13 | 1730.65 |
| 8. | HMAC | SY | 1677 | 9.50 | 1677 | 15931.50 |
| 9. | Barricades etc | MO | 1.5 | 1800.00 | 1.5 | 2700.00 |
| 0. | Construction exits Install | SY | 208 | 5.00 | 208 | 1040.00 |
| 1. | Construction exits remove | SY | 208 | 3.00 | 208 | 624.00 |
| 2. | Turnouts HMAC | SY | 73 | 21.00 | 73 | 1533.00 |
| 3. | Temp. Sediment control install | LF | 208 | 5.00 | 208 | 1040.00 |
| 4. | Temp Sediment control removed | LF | 208 | 2.00 | 208 | 624.00 |
| 5. | Driveway HMAC | SY | 143 | 21.00 | 143 | 3003.00 |
| 6. | Driveway Concrete | SY | 54 | 42.00 | 54 | 2268.00 |
| 7. | RCP 18" | LF | 84 | 30.00 | 84 | 2520.00 |
| 8. | RCP 15" | LF | 185 | 27.00 | 0 | .00 |
| 9. | Safety end | EA | 2 | 700.00 | 2 | 1400.00 |
| 10. | Concrete inverted HMAC driveway | LS | 1 | 4995.00 | 1 | 4995.00 |

| | | | |
|-------------------------------|----|----------|----------|
| ORIGINAL CONTRACT AMOUNT | \$ | 67753.10 | |
| PROVED CHANGE ORDER | \$ | | 67753.10 |
| NEW CONTRACT AMOUNT | \$ | | |
| TOTAL WORK COMPL. TO DATE | \$ | | |
| LESS RETAINAGE | \$ | | |
| LESS PREVIOUS PAYMENT | \$ | | |
| TOTAL AMOUNT DUE THIS PAYMENT | \$ | | |



SASCON INC.

5200 N. 26TH Lane
McAllen, Texas 78504

Phone: (956) 682-3454

Fax: (956) 682-2542

- Paving
- Excavation
- Trucking
- Equipment

January 15, 2009

Hidalgo Precinct 3
Mission, Texas 78572

Re: Barney Groves Subdivision

Per your request, the vendor for material for this project is Valley Caliche Products, (956) 581-7251.

Thank You,


H. A. Skloss
President



Form 251 (Rev. 12/82)
Page 1 of 1
(GSD-EPC Word 97)

Contract Time Statement

ESTIMATE NO. 1st Final CONTRACTOR SAGDON Inc
 PROJECT NO. BARNY GROVES COUNTY Hidalgo DATE WORK BEGAN DEC 15, 2008
 TIME COMPUTED FROM _____ DATE WORK COMPLETED _____

| MONTH | DATE OR DAYS | WORKING DAYS CHARGED | DAYS CREDITED AND REASONS THEREFORE |
|-------|--------------|----------------------|-------------------------------------|
| DEC | | | |
| 15 | | 1 | |
| 16 | ⊗ | ⊗ | |
| 17 | ⊗ | ⊗ | |
| 18 | - | 1 | |
| 19 | | 1 | |
| 20 | | 1 | |
| 21 | ⊗ | ⊗ | |
| 22 | - | 1 | |
| 23 | - | 1 | |
| 24 | - | 1/2 | |
| 25 | - | ⊗ | |
| 26 | - | ⊗ | |
| 27 | - | ⊗ | |
| 28 | - | ⊗ | |
| 29 | - | 1 | |
| 30 | - | 1 | |
| 31 | - | 1/2 | |

TOTALS 0 0

NO. OF CONTRACT WORKING DAYS _____ NO. WORKING DAYS CHARGED TO DATE 0

ASSESSED LIQUIDATED DAMAGES: NO. _____ PER DAY \$ _____ TOTAL \$ 0.00

CERTIFIED AS CORRECT (ONE COPY HAS BEEN GIVEN TO THE R. H. [Signature] RESIDENT ENGINEER

INSTRUCTIONS: PROJECT IDENTIFICATION SHOULD COVER CONTRACT. TIME CREDITED AND REASONS THEREFORE MUST CONFORM TO PROVISIONS OF CONTRACT. NO HOLIDAY CREDIT ALLOWED FOR DAYS PRECEDING OR FOLLOWING LEGAL HOLIDAYS. TIME SUSPENDED AND HOLIDAYS MUST BE SUPPORTED BY COPY EACH OF LETTERS TO CONTRACTOR DATED ON OR BEFORE EFFECTIVE DATE. TIME EXTENSION MUST BE INDICATED AND REFERENCED TO RELATED PROVISION OF CONTRACT. SEE BOOKLET OF INSTRUCTIONS, CONSTRUCTION ESTIMATOR DATED SEPTEMBER 1, 1996

Estimate Quantity Update Worksheet
 Barney Groves Subdivision
 Colonia Access Program Project - Precinct No.3
 CAP-08-011-07-11
 Contractor: Sascon, Inc.

| Item No. | Description | ORIGINAL BID | | | | CHANGE ORDER NO.1 | | | Total | (-)/decrease |
|-----------------|--|--------------|------|-------------|----------------|-------------------|-------------|-------------|-------------|--------------|
| | | Quantity | Unit | Unit Price | Project Amount | Quantity | Unit Price | Total | | |
| Roadway | | | | | | | | | | |
| 100 | Preparing ROW | 6.49 | STA | \$ 500.00 | \$3,245.00 | 6.49 | \$ 500.00 | \$3,245.00 | \$0.00 | |
| 110 | Backfill | 6.49 | STA | \$ 400.00 | \$2,596.00 | 6.49 | \$ 400.00 | \$2,596.00 | \$0.00 | |
| 247 | Flex Base | 449 | CY | \$ 26.00 | \$11,664.90 | 449 | \$ 26.00 | \$11,664.90 | \$0.00 | |
| 251 | Reworking Base Material (DC)(TY D CL2) | 449 | CY | \$ 9.00 | \$4,037.85 | 449 | \$ 9.00 | \$4,037.85 | \$0.00 | |
| 260 | Lime Treated Subgrade | 1,817 | SY | \$ 2.80 | \$5,086.20 | 1,817 | \$ 2.80 | \$5,086.20 | \$0.00 | |
| 260 | Lime (TY A or B) | 9.61 | TON | \$ 200.00 | \$1,922.00 | 9.61 | \$ 200.00 | \$1,922.00 | \$0.00 | |
| 310 | Prime Coat (MC-30) | 346 | GAL | \$ 5.00 | \$1,730.65 | 346 | \$ 5.00 | \$1,730.65 | \$0.00 | |
| 340 | Asphalt Concrete Payment Type "U" | 1,677.00 | SY | \$ 9.50 | \$15,931.50 | 1,677.00 | \$ 9.50 | \$15,931.50 | \$0.00 | |
| 502 | Barricades, Signs & Traffic Handling | 1.50 | MO | \$ 1,800.00 | \$2,700.00 | 1.50 | \$ 1,800.00 | \$2,700.00 | \$0.00 | |
| 506 | Construction Exits (TY 2) (Install) | 208.0 | SY | \$ 5.00 | \$1,040.00 | 208.0 | \$ 5.00 | \$1,040.00 | \$0.00 | |
| 506 | Construction Exits (TY 2) (Remove) | 208.0 | SY | \$ 3.00 | \$624.00 | 208.0 | \$ 3.00 | \$624.00 | \$0.00 | |
| 530 | Turnouts (Asph-Conc-Pav) | 73.0 | SY | \$ 21.00 | \$1,533.00 | 73.0 | \$ 21.00 | \$1,533.00 | \$0.00 | |
| 5249 | Temp Sediment Control Fence | 208 | LF | \$ 5.00 | \$1,040.00 | 208 | \$ 5.00 | \$1,040.00 | \$0.00 | |
| 5249 | Temp Sediment Control Fence (Remove) | 208 | LF | \$ 2.00 | \$416.00 | 208 | \$ 2.00 | \$416.00 | \$0.00 | |
| Drainage | | | | | | | | | | |
| 464 | RCP (CL III) (18") | 84 | LF | \$ 30.00 | \$2,520.00 | 84 | \$ 30.00 | \$2,520.00 | \$0.00 | |
| 464 | RCP (CL III) (15") | 185 | LF | \$ 27.00 | \$4,995.00 | - | \$ 27.00 | \$0.00 | -\$4,995.00 | |
| 467 | Safety End Treatment | 2 | EA | \$ 700.00 | \$1,400.00 | 2 | \$ 700.00 | \$1,400.00 | \$0.00 | |
| 530 | Driveways (TY PRB-1) (ACP) (1") | 143 | SY | \$ 21.00 | \$3,003.00 | 143 | \$ 21.00 | \$3,003.00 | \$0.00 | |
| 530 | Driveways (TY PRB-1) (Concrete) | 54 | SY | \$ 42.00 | \$2,268.00 | 54 | \$ 42.00 | \$2,268.00 | \$0.00 | |
| | Inverted Driveways | - | IS | \$ 4,995.00 | \$0.00 | 1 | \$ 4,995.00 | \$4,995.00 | \$4,995.00 | |
| TOTAL | | | | | \$67,753.10 | Totals: | | | \$67,753.10 | \$0.00 |

Prepared and Checked by: 
 Signature: 
 Printed Name: Ricardo Hinojosa, P.E.

**Barney Groves
Colonita Testing Requirements**

| MATERIAL | TEST | DESCRIPTION | REQUIRED | REMARKS | Street A Road CSJ#2C-108072 | Barney Groves |
|-------------|----------------|---|----------|---|--------------------------------|---------------|
| FLEX. BASE | Tex-101-E | Prep. Soils and Flex. Base | YES | | | |
| | Tex-103-E | Moisture Content | Optional | | | |
| | Tex-104-E | Determining Liquid Limit of Soils | YES | | | |
| | Tex-105-E | Determining Plastic Limit of Soils | NO | | | |
| | Tex-106-E | Calculating Plasticity Index | YES | | | |
| | Tex-110-E | Particle Size Analysis | YES | | | |
| | Tex-113-E | Moisture Density Relation of Base Materials (including lime) | YES | | | |
| | Tex-116-E | Wet Ball Mill Method | YES | | | |
| | Tex-117-E | Trial Compression for Base Material (excludes lime) | YES | | | |
| | Tex-115-E | In-Place Density | YES | | | |
| | | Thickness | YES | | | |
| LIME | Tex-600-J | Lime Testing Procedure | YES | Required for all handle bases (Caldina) | | |
| HOT MIX | Tex-207-F | Determining Density of Compacted Bituminous Mixtures | YES | | | |
| | Tex-208-F | Test for Stabilometer Value of Bituminous Mixtures | Optional | | | |
| | Tex-210-F | Deter. Asph. Content of Bituminous Mixtures by Extraction | YES | | | |
| | Tex-229-F | Combined HMA/C Cold Belt Sampling and Testing Procedures | YES | | | |
| | Tex-236-F | Deter. Asph. Content from Asph. Paving Struct. By Ignition Method | Optional | | | |
| | Tex-212-E | Determining Moisture Content of Bituminous Mixtures | NO | | | |
| | Tex-213-E | Determining Hydrocarbon - Bolella Content of Bituminous Mixtures | NO | | | |
| EMBANKMENTS | Tex-114-E | Laboratory Compaction Charact. & Moist. - Density Relat. Or Subgrade & Embankment Soils | NO | | | |
| | Tex-115-E | In-Place Density | NO | | | |
| | ASTM-D-2950/76 | Texas SDHPT Bunch C-14 | NO | | | |
| | AASHTO-T-166 | | NO | | | |

Prepared and Checked By:

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

Date: 2-4-09

1) Testing for this procedure has been performed and passed.

Schedule of Material Sampling and Testing Requirements

| MATERIAL OR PRODUCT | | TEST FOR | TEST NUMBER | PROJECT TESTS | | REMARKS |
|-----------------------------------|------------------|-----------------------------|-------------|---|---|---|
| | | | | LOCATION OR TIME OF SAMPLING | FREQUENCY OF SAMPLING | |
| TREATED SUBGRADE AND BASE COURSES | Base Material | Liquid Limit (A) | Tex-104-E | During stockpiling operations, from completed stockpile, or windrow (B) | Each 5,000 cu.yd. | |
| | | Plasticity Index (A) | Tex-106-E | During stockpiling operations, from completed stockpile, or windrow (B) | Each 5,000 cu.yd. | |
| | | Linear Shrinkage | Tex-107-E | During stockpiling operations, from completed stockpile, or windrow (B) | | This test is only required when the liquid limit is not attainable, when performed in accordance with Tex-104-E. |
| | | Gradation (A) | Tex-110-E | During stockpiling operations, from completed stockpile, or windrow (B) | Each 5,000 cu.yd. | |
| | | Moisture/Density | Tex-113-E | During stockpiling operations, from completed stockpile, or windrow (B) | Each 20,000 cu.yd. | |
| | | Triaxial (A) | Tex-117-E | During stockpiling operations, from completed stockpile, or windrow (B) | Each 20,000 cu.yd. | As required by the plans. When base material is from a source where the district has a record of satisfactory triaxial results, the frequency of testing may be reduced to one per 30,000 CY. If any one test falls below the minimum value required, the frequency of testing will return to the original frequency of 20,000 CY. |
| | Lime | Compliance with DMS-460D | | During delivery to project | Hydrated Lime: 1 PER Project. Commercial Lime Slurry: each 200 tons of lime or fraction thereof. Quick Lime: 1 Per Project. | Hydrated lime and quicklime sources not on the TxDOT Lime Quality Monitoring Program, described in DMS-6330, must be sampled for each 200 and 150 tons respectively. |
| | Complete Mixture | Pulverization Gradation | Tex-101-E | Roadway, after pulverization and mixing | As necessary for control | At the beginning of project, one test must be made for each 4,500 CY or 6,000 tons until Engineer is satisfied that acceptable pulverization results are obtained. |
| | | Moisture Content | Tex-103-E | As designated by Engineer | Each 30,000 cu.yd. | Determine the appropriate moisture/density curve for each different material or notable change in material. |
| | | In-place Density (A) | Tex-115-E | As designated by Engineer | Each 3,000 cu.yd. or 3000 lin.ft., min. one per lift | Determine appropriate moisture/density curve for each different material or notable change in material. Correct the moisture contents measured by nuclear density gauge with the moisture contents determined in accordance with Tex-103-E for each different material or notable change in material and adjust the density accordingly. Stabilizers and materials such as RAP, gypsum and iron ore tend to bias the counts for nuclear density gauges. |
| | | Thickness (A) | Tex-140-E | As designated by Engineer | Each 3,000 cu.yd. | Not required where survey grade control documents are used for compliance |
| | COARSE AGGREGATE | L.A. Abrasion | Tex-410-A | Stockpile | 1 per project, per source | Sampling and testing are not required when the published value of the source, as listed in the current Material Producer list for BRSQC, meets the project specifications. |
| | | Magnesium Sulfate Soundness | Tex-411-A | Stockpile | 1 per project, per source | Sampling and testing are not required when the published value of the source, as listed in the current Material Producer list for BRSQC, meets the project specifications. |
| Gradation | | Tex-200-F | Stockpile | 1 per project, per source | To determine that no more than 20% passes a #8 sieve. Performed at the discretion of the Engineer. | |
| MicroDeval | | Tex-461-A | Stockpile | Approximately one every 5,000 tons of production | Testing frequency may be reduced or eliminated based on satisfactory history. | |
| Flat and Elongated Particles | | Tex-280-F | Stockpile | 1 per project, per source | Performed at the discretion of the Engineer. | |
| Coarse Aggregate Angularity | | Tex-460-A | Stockpile | 1 per project, per source | Performed at the discretion of the Engineer. | |
| Deleterious Material and Decant | | Tex-217-F | Stockpile | 1 per project, per source | Performed at the discretion of the Engineer. | |
| RAP | Decant | Tex-217-F | Stockpile | 1 per project, per source | | |
| | Plasticity Index | Tex-106-E | Stockpile | 1 per project, per source | Only required when the decant exceeds 5%. | |

| | | | | | |
|--------------------|---|------------|--|--|---|
| FINE AGGREGATE | Bar Linear Shrinkage | Tex-107-E | Stockpile | 1 per project, per source | Performed at the discretion of the Engineer. |
| | Organic Impurities | Tex-408-A | Stockpile | 1 per project, per source | Performed at the discretion of the Engineer. |
| | Gradation | Tex-200-F | Stockpile | 1 per project, per source | Performed at the discretion of the Engineer. Used to determine if the material meets gradation requirements of fine aggregates. |
| MINERAL FILLER | Bar Linear Shrinkage | Tex-107-E | Bin or Silo | 1 per project, per source | Performed at the discretion of the Engineer. |
| | Gradation | Tex-200-F | Bin or Silo | 1 per project, per source | Performed at the discretion of the Engineer. |
| COMBINED AGGREGATE | Sand Equivalent | Tex-203-F | Stockpiles, hot bins or feeder belts | 1 per project, per source | Performed at the discretion of the Engineer. |
| ASPHALT BINDER | Compliance with Item 300 Binder & Tack Coat | | Sampled, tested and preapproved by CSTM&P. Take project samples when designated by the Engineer. Plant for Binder & Road for Tack Coat | 1 for each binder and tack coat per project, per grade, per source | Some asphalt at plant. Sample tack coat at the distributor on the roadway. Binder should arrive on the project pre-approved. If not pre-approved, sample binder before use. |
| COMPLETE MIXTURE | Asphalt Content (%) | Tex-236-F | Truck Sample | Minimum of 1 per day | Determine correlation factors for ignition oven use at a minimum of one per project |
| | Voids in Mineral Aggregates (VMA) | Tex-207-F | Truck Sample Plant Produced | 1 per day | |
| | Gradation | Tex-236-F | Truck Sample | Minimum of 1 per day | Determine correlation factors for ignition oven use at a minimum of one per project |
| | Boil Test | Tex-530-C | Truck Sample | 1 per project | Unless waived by the Engineer. |
| | Indirect Tensile-Dry | Tex-226-F | | 1 per project, per design | Unless waived by the Engineer. |
| | Lab Molded Density | Tex-207-F | Truck Sample | 1 per day | |
| | Hamburg Wheel Tracker | Tex-242-F | Truck Sample | 1 per project | Sample during production |
| ROADWAY | Tack Coat Adhesion | Tex-247-F | Roadway | 1 per project | Performed at the discretion of the Engineer. |
| | Air Voids | Tex-207-F | Selected by Engineer | 1 per day (2 cores) | When required. |
| | Ride Quality Type A Type B | Tex 1001-S | Travel Lanes | As per specification | Engineer may verify Contactor's results. |



L&G Engineering Laboratory

Construction Material Testing
Geotechnical Engineering

2100 W. Expressway 83
900 S. Stewart Rd. Ste. 6

Mercedes, TX 78570 (956) 565-0760
Mission, TX 78572 (956) 583-7117

PROCTOR TEST REPORT

Project Description: Barney Groves Subdivision
Client: Hidalgo County Pct. #3 (CAP)
Engineer: Hinojosa Engineering
Contractor: Sascon Construction

L&G Project Number: L37816
L&G Report Number: R001
Sample Date: 12/15/2008
Date Reported: 12/17/2008

Field Number: Roadway

Page 1 of 1

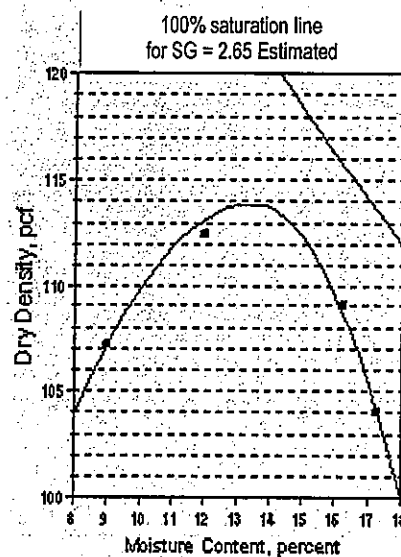
Compaction Method: ASTM D-698
Material Description: Caliche (Base Material)

Specific Gravity: 2.65

Liquid Limit: 29
Plastic Limit: 19
Plasticity Index: 10
% Passing No. 200: 0.0
Group Symbol: CL

| Specimen No.: | 1 | 2 | 3 | 4 |
|--------------------|-------|-------|-------|-------|
| Moisture, %: | 8.9 | 11.9 | 16.2 | 17.3 |
| Dry Density (pcf): | 106.9 | 112.4 | 109.1 | 103.8 |

Maximum Dry Density in P.C.F.: 113.8
Optimum Moisture (%): 13.5



Remarks: Minus 200 not performed
Test Method: ASTM D-698

Orig: Hidalgo County Pct. #3 (CAP) (Mission, TX)
(1-cc copy)
1-cc Hinojosa Engineering
1-cc Sascon Construction
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Ricardo A. Gil, Lab Manager



L&G Engineering Laboratory

Construction Material Testing
Geotechnical Engineering

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Mission, TX 78572 (956) 583-7117

FIELD DENSITIES TEST REPORT

Project Description: Barney Groves Subdivision
Client: Hidalgo County Pct. #3 (CAP)
Engineer: Hinojosa Engineering
Contractor: Sascon Construction

L&G Project Number: L37816
L&G Report Number: R002
Sample Date: 12/18/2008
Date Reported: 12/18/2008

Page 1 of 1

| | | | |
|----------------------|------------------|--------------------|---------------------|
| Material Description | Subgrade Salvage | | |
| Required % Proctor | 95 | Moisture Tolerance | -2 + 3 |
| | Proctor No | Optimum % Moisture | Opt. Density, LB/CF |
| | L37816-1 | 13.5 | 113.8 |

| Test No. | Test Location | Proctor No | Moisture Content | Dry Density | Percent Compaction | Inches |
|----------|---|------------|------------------|-------------|--------------------|--------|
| 1 | Barney St. Sta. 1 + 00 on Center | L37816-1 | 14.2% | 116.6 pcf | 102.5% (Pass) | 6" |
| 2 | Barney St. Sta. 3 + 50 10' N. of Center | L37816-1 | 13.9% | 115.9 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 (CAP) (Mission, TX)
(1-cc copy)
1-cc Hinojosa Engineering
1-cc Sascon Construction
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Ricardo A. Gil, Lab Manager



PROCTOR TEST REPORT

Project Description: Barney Groves Subdivision
Client: Hidalgo County Pct. #3 (CAP)
Engineer: Hinojosa Engineering
Contractor: Sascon Construction

L&G Project Number: L37816
L&G Report Number: R003
Sample Date: 12/23/2008
Date Reported: 12/23/2008

Page 1 of 1

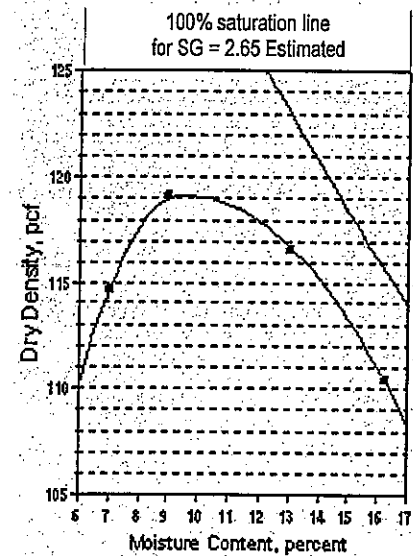
Compaction Method: ASTM D-698
Material Description: Limed Caliche

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, %: | 6.9 | 9.1 | 13.0 | 16.2 |
| Dry Density (pcf): | 114.3 | 119.1 | 116.5 | 110.5 |

Maximum Dry Density in P.C.F.: 119.1
Optimum Moisture (%): 9.4



Remarks: PI - Non Plastic
Test Method: ASTM D-698

Orig: Hidalgo County Pct. #3 (CAP) (Mission, TX)
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1-cc Sascon Construction
1-cc Laboratory

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L&G Engineering Laboratory

Ricardo A. Gil, Lab Manager



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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

SIEVE ANALYSIS TEST REPORT

Project Description: Barney Groves Subdivision
Client: Hidalgo County Pct. #3 (CAP)
Engineer: Hinojosa Engineering
Contractor: Sascon Construction

L&G Project Number: L37816
L&G Report Number: R004
Sample Date: 12/23/2008
Date Reported: 12/29/2008

Page 1 of 1

Description: Limed Caliche

| <u>Sieve</u> | <u>% Passing</u> | <u>Required</u> |
|--------------|------------------|-----------------|
| 2 in | 100 | 0 |
| 1/2 in | 75 | 20-60 |
| No. 4 | 52 | 40-75 |
| No. 40 | 15 | 75-85 |

Test Method (As Applicable): Tex Method 401-A

Orig: Hidalgo County Pct. #3 (CAP) (Mission, TX)
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1-cc Sascon Construction
1-cc Laboratory

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Ricardo A. Gil, Lab Manager



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Geotechnical Engineering

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900 S. Stewart Rd. Ste. 6 Mission, TX 78572 (956) 583-7117

FIELD DENSITIES TEST REPORT

Project Description: Barney Groves Subdivision
Client: Hidalgo County Pct. #3 (CAP)
Engineer: Hinojosa Engineering
Contractor: Sascon Construction

L&G Project Number: L37816
L&G Report Number: R005
Sample Date: 12/29/2008
Date Reported: 12/29/2008

Page 1 of 1

| | | | |
|----------------------|-----------------------|--------------------|---------------------|
| Material Description | Roadway Limed Caliche | | |
| Required % Proctor | 95 | Moisture Tolerance | 9.4 |
| | Proctor No | Optimum % Moisture | Opt. Density, LB/CF |
| | L37816-3 | 9.4 | 119.1 |

| Test No. | Test Location | Proctor No | Moisture Content | Dry Density | Percent Compaction | Depth (inch) |
|----------|--|------------|------------------|-------------|--------------------|--------------|
| 1 | Street "A" 150ft W of Moorfield Intersection 5ft N of C.L. | L37816-3 | 10.5% | 115.9 pcf | 97.3% (Pass) | 6" |
| 2 | Street "A" 450ft W of Moorfield Intersection 1ft S of C.L. | L37816-3 | 8.4% | 119.5 pcf | 100.3% (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 Hinojosa Engineering
1-cc Sascon Construction
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Ricardo A. Gil, Lab Manager



HINOJOSA ENGINEERING, INC.

STRUCTURAL ENGINEERING • CIVIL ENGINEERING
LAND SURVEYING

108 W. 18TH ST. MISSION, TEXAS 78572



TRANSMITTAL LETTER

PROJECT: BARNEY GROVES SUBDIVISION. **PROJECT #** 06-355

DATE: 2-4-09

TO: Pct. 2

If enclosures are not as noted, please
Inform us immediadialy.

If checked below, please,

- Acknowledge receipt of enclosure.
- Return enclosures to us.

ATTN: AGAPITO VARGAS.

WE TRANSMIT:

- HEREWITH** **UNDER SEPERATE COVER VIA** _____
- IN ACCORDANCE WITH YOUR REQUEST** _____

FOR YOUR:

- APPROVAL** **RECORD** **INFORMATION**
- REVIEW & COMMENT** **DISTRIBUTION TO PARTIES**

THE FOLLOWING:

- DRAWINGS** **SHOP DRAWING REPRODUCIBLES** **SAMPLES**
- SPECIFICATIONS** **SHOP DRAWING PRINTS** **PRODUCT LITERATURE**
- CHANGE ORDER** **OTHER** APPLICATION FOR PAYMENT.

| COPIES | DATE | DESCRIPTION |
|----------|---------------|--|
| <u>1</u> | <u>2-4-09</u> | <u>ORIGINAL APPLICATION FOR PAYMENT No. 1 & FINAL.</u> |
| | | |
| | | |

REMARKS:

Received
[Signature]
2/4/09

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