AI-32188 **4.**

DRAINAGE DISTRICT

Meeting Date: 05/08/2012

Submitted By: Jaime Salazar, DRAINAGE DISTRICT

Department: DRAINAGE DISTRICT

Information

CAPTION

A. Presentation of scoring grid of the firms graded and evaluated through the District's "Pool" of Surveyors for the purpose of ranking by the Hidalgo County Drainage District No. 1 Board of Directors in connection with Surveying Services for Hidalgo County Drainage District No.1-NRCS Pharr McAllen South Drain.

FIRM NAME	SCORE	RANK
R. GUTIERREZ ENGINEERING CORPORATION	100	
QUINTANILLA HEADLEY & ASSOCIATES, INC.	98	
DANNENBAUM	96	

B. Pursuant to the Boards approval requesting authority for the Hidalgo County Drainage District No.1 to issue Purchase Order to the number one ranked firm of _____ for Surveying Services as it relates to Hidalgo County Drainage District No.1-NRCS Pharr McAllen South Drain.

C. Requesting approval of Work Authorization No. 1 for Professional Engineering Services from R. Gutierrez Engineering Corporation as it relates to Alamo Expressway Drain Crossing.

D. Requesting approval of the following Work Authorizations from L&G Engineering:

1. Work Authorization No.1 for Professional Engineering Services as it relates to RD-Faysville Lateral.
2. Work Authorization No.2 for Surveying Services as it relates to RD-Faysville Lateral.
3. Work Authorization No.3 for Geo-Technical Services as it relates to RD-Faysville Lateral.

E. Requesting approval to advertise for RFB No. 12-009-06-13 "PIPES-Reinforced Concrete,Polyethylene, Heavy Wall Concrete, Corrugated PVC & Steel Storm Sewer Pipes, Aluminum Structural Plate, Rubber Gasket Joint Concrete Pipes/Three Sided Concrete Arch Bridge Systems".

BACKGROUND

Form Review

Inbox	Reviewed By	Date
Budget & Management	Merlen P. Munoz	05/02/2012 04:27 PM
Final Approval	Monica Badillo	05/04/2012 04:57 PM
Form Started By: Jaime Salazar		Started On: 05/02/2012 02:44 PM

Final Approval Date: 05/04/2012

AI-32183 **5.**

DRAINAGE DISTRICT

Meeting Date: 05/08/2012

Submitted By: Lora Briones, DRAINAGE DISTRICT

Department: DRAINAGE DISTRICT

Information

CAPTION

A. Requesting approval to execute and Fund Support Agreement No. 1 with the US Army Corps of Engineers (under the current "Section 211" Memorandum of Agreement), regarding the work plan, facilitation, and review of preliminary submittal for the Raymondville Drain, Project for Flood Control.

B. Request approval of S & B Infrastructure Work Authorization #3 for Professional Engineering Services for year Five implementation of MS4 (Municipal Separate Storm Sewer System).

C. Request approval of Budget amendment for the General Fund to fund the above mentioned support agreement and Engineering cost.

BACKGROUND

Attachments

Budget amendment

Form Review

Inbox	Reviewed By	Date
Budget & Management	Merlen P. Munoz	05/04/2012 08:00 AM
Final Approval	Monica Badillo	05/04/2012 04:57 PM

Form Started By: Lora Briones Started On: 05/02/2012 01:49 PM

Final Approval Date: 05/04/2012

HIDALGO COUNTY DRAINAGE DISTRICT NO. 1

902 N. Doolittle Road Edinburg, Texas 78542 (956)292-7080 Fax (956)292-7089

DATE	5/8/2012
DEPARTMENT HEAD	Godfrey Garza, Jr.
DEPARTMENT NAME	Hidalgo County Drainage Distrirct
ACCOUNT NUMBER	12-110-433-006 M&O

SUBJECT Budget Amendment
In Accordance with Water Code, Chapter 49
HIDALGO CONTY DRAINAGE DISTRICT #1 BOARD OF DIRECTORS

I would like to request the following amendments (increases) to my departmental budget in accordance with Water Code, Chapter 49

INCREASE OBJECT NUMBER (S)	ACCOUNT (OBJECT) NAME	AMOUNT
12-110-433-006-48410	AID TO OTHER GOVERNMENT	$140,000.00
12-110-433-006-43340	ENGINEERING & ARCHITECTURAL	$360,000.00
	TOTAL BUDGET INCREASE REQUEST	**$500,000.00**

REASON: REQUIRED FOR MS4 FIFTH YEAR IMPLEMENTATION AND SUPPORT AGREEME
#1 FOR U.S. ARMY CORP. OF ENGINEERS

LORA BRIONES, FINANCIAL OFFICER **Board Of Directors**

5-3-12

DATE **DATE**

AI-31193 **6.**

DRAINAGE DISTRICT

Meeting Date: 05/08/2012

Submitted By: Minerva Luna, DRAINAGE DISTRICT

Department: DRAINAGE DISTRICT

Information

CAPTION

A. Request approval of Payment Request No. 21 and Payment Request No. 22 to SER Construction Partners, LTD. for Construction on DHS Segment 0-6BC (1.38 miles).

B. Request approval of the following invoices to L & G Engineering Laboratory, LLC for professional engineering services:

1. DHS Segment 0-6BC Invoice No. 7656
2. DHS Segment 0-6BC Invoice No. 7666
3. DHS Segment 0-6BC Invoice No. 7684
4. DHS Segment 0-6BC Invoice No. 7726
5. DHS Segment 0-7A Invoice No. 7725

C. Request approval to process manual checks to SER Construction Partners, LTD. and L&G Engineering Laboratory, LLC for the above mentioned projects pending the approval of County Auditor and Department of Homeland Security (DHS) and pending the electronic transfer of funds from the Department of Payment Management (DPM).

BACKGROUND

Attachments

L&G Inv. 7656
L&G Inv. 7666
L&G Inv. 7684
L&G Inv. 7726
L&G Inv. 7725
SER PR 21
SER DHS 0-6BC PR 22

Form Review

Inbox	Reviewed By	Date
Budget & Management	Merlen P. Munoz	05/02/2012 02:51 PM
Final Approval	Monica Badillo	05/04/2012 04:57 PM

Form Started By: Minerva Luna Started On: 02/23/2012 10:50 AM

Final Approval Date: 05/04/2012

L & G Engineering Laboratory, LLC

Invoice

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

Date	7/29/2011
Invoice #	7656

Bill To	Ship To
Hidalgo County Drainage District #1 Mr. Godfrey Garza 902 N. Dolittle Edinburg, Texas 78541	USIBWC/DHS Hidalgo Protective Levee Improvements Project Segment 0-6B & 0-6C Wk. Auth. #46 Contract Amt. $24,877.36

P.O. No.	Due Date
618372	8/10/2011

Item	Description	Contract Amt	Prior Amt	Curr %	Total %	Amount
330	Construction Material Testing	24,877.36	9,950.94	30.00%	70.00%	7,463.21

L&G appreciates the opportunity to serve your Geotechnical & Construction Material Testing needs.

Total	$7,463.21
Payments/Credits	$0.00
Balance Due	$7,463.21

HIDALGO COUNTY
AUG 05 2011
RECEIVED AUG 11 2011 DRAINAGE DISTRICT #1

L&G Engineering Laboratory
Construction Material Testing
Geotechnical Engineering

July 29, 2011

Mr. Godfrey Garza
Hidalgo County Drainage District
902 N. Doolittle
Edinburg, Texas 78541

Re: Work Authorization No. 46 – Construction Materials Testing for the USIBWC Hidalgo Protective Levee Improvement Project DHS Segment 0-6B – 0-6C (Sta. 6+72 to Sta.83+65) for Change Orders No. 44 and 45.

Dear Mr. Garza:

Attached for your approval are test reports and our invoice for Construction Materials Testing Services performed on the subject project thru July 29, 2011. The following are attached:

- L&G's Invoice
- Test Reports (R070-R097)

FC 330 – CONSTRUCTION MATERIALS TESTING		% Complete
L&G Engineering Laboratory has completed all associated testing for ready-mixed concrete on the Wall Build-up from stations 10+60 to 46+00. L&G will continue to perform construction material testing as required for the duration of the project.	L&G	70%

If you have any questions or require additional information, please feel free to contact our office.

Respectfully Submitted,

Reza Badiozzamani, P.E.
Project Manager

HIDALGO COUNTY
AUG 05 2011
DRAINAGE DISTRICT #1

2100 W. Expressway 83 • Mercedes, TX 78570 • Office: (956) 565-0760 • Fax: (956) 565-6746
900 S. Stewart Rd., Ste. 9 • Mission, TX 78572 • Office: (956) 583-7117 • Fax: (956) 583-7116

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

REPORT OF SITE VISIT
TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R070
Sample Date: 06/27/2011
Date Reported: 06/27/2011

On June 27, 2011 a representative of L&G Engineering Laboratory was dispatched to DHS Segment 6B&C to perform testing and inspection on the placement of ready-mixed concrete on Wall Build up.

Specimen Number 36 was obtained and tested at 2:05 PM, and the following were determined:

Concrete Temp:	89°f	95 Max (Specification)	**Entrapped/Entrained Air Content:**	1.9%	3 - 7 (Specification)
Ambient Temp:	99°f	50 Min (Specification)	**Slump:**	5 inches	3 - 5 (Specification)

From Specimen Number 36, a total of four (4) 6x12 cylindrical test specimens were cast for Compressive Strength Testing at intervals of 7 and 28 days. *Sampled @ Sta. 43+00 Wall Build up.

On June 27, 2011 a representative of L&G Engineering Laboratory was dispatched to the referenced project to collect the cylindrical specimens cast on the placement of Wall Build up. The specimens were delivered to the laboratory where they were stripped, labeled, and placed in a curing tank for testing at intervals of 7 and 28 days.

Remarks: ***All test results are reported to the Inspector Hector Cantu with Dos Logistics on site or via telephone.***
Test Methods (If Applicable): ASTM C-231, ASTM C-143, ASTM C-1064, ASTM C-31, ASTM C-172

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

REPORT OF SITE VISIT
TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R071
Sample Date: 06/28/2011
Date Reported: 06/28/2011

On June 28, 2011 a representative of L&G Engineering Laboratory was dispatched to DHS Segment 6B & C to perform testing and inspection on the placement of ready-mixed concrete on Wall Build up.

Specimen Number 37 was obtained and tested at 2:45 PM, and the following were determined:

Concrete Temp:	90°f	95 Max (Specification)	**Entrapped/Entrained Air Content:**	1.8%	3 - 7 (Specification)
Ambient Temp:	97°f	50 Min (Specification)	**Slump:**	5 inches	3 - 5 (Specification)

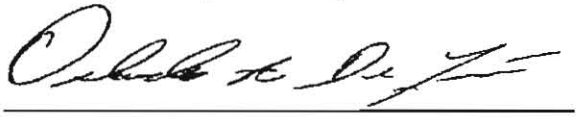
From Specimen Number 37, a total of four (4) 6x12 cylindrical test specimens were cast for Compressive Strength Testing at intervals of 7 and 28 days. *Sampled at Sta. 42+00 Wall Build up.

On June 29, 2011 a representative of L&G Engineering Laboratory was dispatched to the referenced project to collect the cylindrical specimens cast on the placement of Wall Build up. The specimens were delivered to the laboratory where they were stripped, labeled, and placed in a curing tank for testing at intervals of 7 and 28 days.

Remarks: ***All test results are reported to the Inspector Hector Cantu with Dos Logistics on site or via telephone.**
Test Methods (If Applicable):ASTM C-231, ASTM C-143, ASTM C-1064, ASTM C-31, ASTM C-172

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory



Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

CONCRETE COMPRESSION TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R045-28
Sample Date: 06/02/2011
Date Reported: 06/30/2011

Placement Location: Wall Build up @ Sta. 57+75
Mix ID: 118 ICE Supplier: J III Concrete
Specified Strength: 3,600 P.S.I. @ 28 days
Specified Slump: 3 - 5" Slump: 4.5"
Specified Air Content: 3 - 7 Air Content: 1.5%
Weather Conditions: Clear, Sunny & Hot Air Temp.: 96°f
Time Batched: 1:23 pm Time Sampled: 2:25 pm Concrete Temp.: 94°f
Plant Ticket No: 284230 Truck No: 177 CY: 10
Water: 20 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
21	A	06/09/2011	7	80,480	Type 2	2,850		79.17%
	B	06/09/2011	7	84,280	Type 3	2,980	2,910	82.78%
	C	06/30/2011	28	105,980	Type 3	3,750		104.17%
	D	06/30/2011	28	103,280	Type 2	3,650	3,700	101.39%

Remarks/Comments:
6 x 12 in. Cylinders

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

REPORT OF SITE VISIT
TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R072
Sample Date: 06/29/2011
Date Reported: 06/29/2011

On June 29, 2011 a representative of L&G Engineering Laboratory was dispatched to DHS Segment 6B & C to perform inspection on the placement of ready-mixed concrete on Wall Build up.

Specimen Number 38 was obtained and tested at 2:15 PM, and the following were determined:

Concrete Temp:	88°f	95 Max (Specification)	**Entrapped/Entrained Air Content:**	4%	3 - 7 (Specification)
Ambient Temp:	89°f	50 Min (Specification)	**Slump:**	4 1/2 inches	3 - 5 (Specification)

From Specimen Number 38, a total of four (4) 6x12 cylindrical test specimens were cast for Compressive Strength Testing at intervals of 7 and 28 days. *Sampled at Sta. 40+50 Wall Build up.

On June 30, 2011 a representative of L&G Engineering Laboratory was dispatched to the referenced project to collect the cylindrical specimens cast on the placement Wall Build up. The specimens were delivered to the laboratory where they were stripped, labeled, and placed in a curing tank for testing at intervals of 7 and 28 days.

Remarks: ***All test results are reported to the Inspector Hector Cantu with Dos Logistics on site or via telephone.**
Test Methods (If Applicable): ASTM C-231, ASTM C-143, ASTM C-1064, ASTM C-31, ASTM C-172

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

REPORT OF SITE VISIT
TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R073
Sample Date: 07/01/2011
Date Reported: 07/01/2011

On July 1, 2011 a representative of L&G Engineering Laboratory was dispatched to DHS Segment 6B & C to perform testing and inspection on the placement of ready-mixed concrete on Wall Build up.

Specimen Number 39 was obtained and tested at 10:35 AM, and the following were determined:

Concrete Temp:	85°f	95 Max (Specification)	**Entrapped/Entrained Air Content:**	2.7%	3 - 7 (Specification)
Ambient Temp:	83°f	50 Min (Specification)	**Slump:**	4 1/4 inches	3 - 5 (Specification)

From Specimen Number 39, a total of four (4) 6x12 cylindrical test specimens were cast for Compressive Strength Testing at intervals of 7 and 28 days. *Sampled at Wall Build up @ Sta. 39+50.

On July 2, 2011 a representative of L&G Engineering Laboratory was dispatched to the referenced project to collect the cylindrical specimens cast on the placement of Wall Build up. The specimens were delivered to the laboratory where they were stripped, labeled, and placed in a curing tank for testing at intervals of 7 and 28 days.

Remarks: ***All test results are reported to the Inspector Hector Cantu with Dos Logistics on site or via telephone.**
Test Methods (If Applicable): ASTM C-231, ASTM C-143, ASTM C-1064, ASTM C-31, ASTM C-172

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

CONCRETE COMPRESSION TEST REPORT

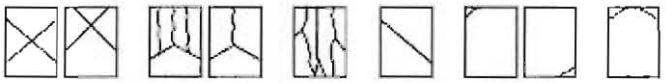
Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R074-28
Sample Date: 06/24/2011
Date Reported: 07/01/2011

Placement Location: Wall Build up @ Sta. 44+00
Mix ID: 118 ICE Supplier: J III Concrete
Specified Strength: 3,600 P.S.I. @ 28 days
Specified Slump: 3 - 5" Slump: 5.5"
Specified Air Content: 3 - 7 Air Content: 1.7%
Weather Conditions: Partly Cloudy Air Temp.: 87°f
Time Batched: 8:24 am Time Sampled: 9:30 am Concrete Temp.: 84°f
Plant Ticket No: 166368 Truck No: 177 CY: 10
Water: 5 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
35	A	07/01/2011	7	108,130	Type 5	3,820		106.11%
	B	07/01/2011	7	102,690	Type 4	3,630	3,730	100.83%
	C	07/22/2011	28	124,390	Type 3	4,400		122.22%
	D	07/22/2011	28	124,280	Type 2	4,400	4,400	122.22%



Remarks/Comments:
6 x 12 in. Cylinders

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

CONCRETE COMPRESSION TEST REPORT

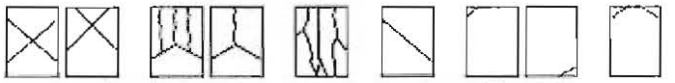
Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R048-28
Sample Date: 06/03/2011
Date Reported: 07/01/2011

Placement Location: Wall Build up @ Sta. 56+50
Mix ID: 118 ICE Supplier: J III Concrete
Specified Strength: 3,600 P.S.I. @ 28 days
Specified Slump: 3 - 5" Slump: 5.0"
Specified Air Content: 3 - 7 Air Content: 1.6%
Weather Conditions: Clear & Breezy Air Temp.: 95°f
Time Batched: 1:40 pm Time Sampled: 2:45 pm Concrete Temp.: 90°f
Plant Ticket No: 165146 Truck No: 193 CY: 10
Water: 6 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
22	A	06/10/2011	7	68,710	Type 3	2,430		67.50%
	B	06/10/2011	7	83,120	Type 2	2,940	2,680	81.67%
	C	07/01/2011	28	113,540	Type 3	4,020		111.67%
	D	07/01/2011	28	110,430	Type 5	3,910	3,960	108.61%



Remarks/Comments:
6 x 12 in. Cylinders

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

CONCRETE COMPRESSION TEST REPORT

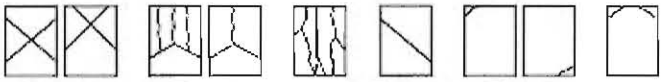
Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R075-28
Sample Date: 06/27/2011
Date Reported: 07/04/2011

Placement Location: Wall Build up @ Sta. 43+00
Mix ID: 118 ICE Supplier: J III Concrete
Specified Strength: 3,600 P.S.I. @ 28 days
Specified Slump: 3 - 5" Slump: 5.0"
Specified Air Content: 3 - 7 Air Content: 1.9%
Weather Conditions: Partly Cloudy & Humid Air Temp.: 99°f
Time Batched: 1:21 pm Time Sampled: 2:05 pm Concrete Temp.: 89°f
Plant Ticket No: 166488 Truck No: 189 CY: 10
Water: 5 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
36	A	07/04/2011	7	97,670	Type 3	3,450		95.83%
	B	07/04/2011	7	98,230	Type 3	3,470	3,460	96.39%
	C	07/25/2011	28	121,280	Type 3	4,290		119.17%
	D	07/25/2011	28	121,310	Type 3	4,290	4,290	119.17%



Remarks/Comments:
6 x 12 in. Cylinders

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

CONCRETE COMPRESSION TEST REPORT

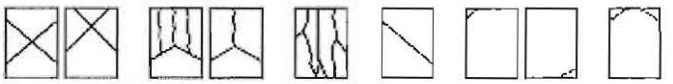
Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R050-28
Sample Date: 06/06/2011
Date Reported: 07/04/2011

Placement Location: Wall Build up @ Sta. 55+50
Mix ID: 118 ICE Supplier: J III Concrete
Specified Strength: 3,600 P.S.I. @ 28 days
Specified Slump: 3 - 5" Slump: 4.75"
Specified Air Content: 3 - 7 Air Content: 1.5%
Weather Conditions: Clear & Sunny Air Temp.: 84°f
Time Batched: 9:20 am Time Sampled: 10:20 am Concrete Temp.: 88°f
Plant Ticket No: 284298 Truck No: 193 CY: 10
Water: 10 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
23	A	06/13/2011	7	98,680	Type 3	3,490		96.94%
	B	06/13/2011	7	99,540	Type 3	3,520	3,510	97.78%
	C	07/04/2011	28	129,630	Type 4	4,580		127.22%
	D	07/04/2011	28	130,670	Type 3	4,620	4,600	128.33%



Remarks/Comments:
6 x 12 in. Cylinders

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPROOUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

CONCRETE COMPRESSION TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R076-28
Sample Date: 06/28/2011
Date Reported: 07/05/2011

Placement Location: Wall Build up @ Sta. 42+00
Mix ID: 118 ICE Supplier: J III Concrete
Specified Strength: 3,600 P.S.I. @ 28 days
Specified Slump: 3 - 5" Slump: 5.0"
Specified Air Content: 3 - 7 Air Content: 1.8%
Weather Conditions: Cloudy & Humid Air Temp.: 97°f
Time Batched: 1:25 pm Time Sampled: 2:45 pm Concrete Temp.: 90°f
Plant Ticket No: 166555 Truck No: 191 CY: 10
Water: 15 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
37	A	07/05/2011	7	82,600	Type 3	2,920		81.11%
	B	07/05/2011	7	78,890	Type 3	2,790	2,860	77.50%
	C	07/26/2011	28	107,610	Type 2	3,810		105.83%
	D	07/26/2011	28	111,460	Type 3	3,940	3,870	109.44%

Remarks/Comments:
6 x 12 in. Cylinders

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

CONCRETE COMPRESSION TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R052-28
Sample Date: 06/07/2011
Date Reported: 07/05/2011

Placement Location: Wall Build up @ Sta. 54+00
Mix ID: 118 ICE Supplier: J III Concrete
Specified Strength: 3,600 P.S.I. @ 28 days
Specified Slump: 3 - 5" Slump: 4.5"
Specified Air Content: 3 - 7 Air Content: 2.0%
Weather Conditions: Clear & Sunny Air Temp.: 95°f
Time Batched: 1:21 pm Time Sampled: 2:20 pm Concrete Temp.: 90°f
Plant Ticket No: 165325 Truck No: 180 CY: 10
Water: 20 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
24	A	06/14/2011	7	101,600	Type 3	3,590		99.72%
	B	06/14/2011	7	86,720	Type 3	3,070	3,330	85.28%
	C	07/05/2011	28	122,530	Type 3	4,330		120.28%
	D	07/05/2011	28	125,650	Type 3	4,440	4,390	123.33%

Remarks/Comments:
6 x 12 in. Cylinders

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

CONCRETE COMPRESSION TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R077-28
Sample Date: 06/29/2011
Date Reported: 07/06/2011

Placement Location: Wall Build up @ Sta. 40+50
Mix ID: 118 ICE Supplier: J III Concrete
Specified Strength: 3,600 P.S.I. @ 28 days
Specified Slump: 3 - 5" Slump: 4.5"
Specified Air Content: 3 - 7 Air Content: 4.0%
Weather Conditions: Cloudy Air Temp.: 89°f
Time Batched: 1:34 pm Time Sampled: 2:15 pm Concrete Temp.: 88°f
Plant Ticket No: 166634 Truck No: 168 CY: 10
Water: 5 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
38	A	07/06/2011	7	81,780	Type 2	2,890		80.28%
	B	07/06/2011	7	78,650	Type 3	2,780	2,840	77.22%
	C	07/27/2011	28	103,878	Type 3	3,670		101.94%
	D	07/27/2011	28	106,120	Type 3	3,750	3,710	104.17%

Remarks/Comments:
6 x 12 in. Cylinders

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

CONCRETE COMPRESSION TEST REPORT

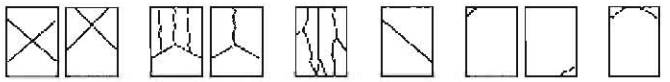
Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R054-28
Sample Date: 06/08/2011
Date Reported: 07/06/2011

Placement Location: Wall Build up @ Sta. 53+01
Mix ID: 118 ICE Supplier: J III Concrete
Specified Strength: 3,600 P.S.I. @ 28 days
Specified Slump: 3 - 5" Slump: 5.0"
Specified Air Content: 3 - 7 Air Content: 2.2%
Weather Conditions: Clear & Calm Air Temp.: 96°f
Time Batched: 1:21 pm Time Sampled: 2:20 pm Concrete Temp.: 91°f
Plant Ticket No: 165406 Truck No: 168 CY: 10
Water: 4 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
25	A	06/15/2011	7	86,930	Type 3	3,070		85.28%
	B	06/15/2011	7	89,780	Type 3	3,180	3,120	88.33%
	C	07/06/2011	28	117,260	Type 3	4,150		115.28%
	D	07/06/2011	28	117,950	Type 3	4,170	4,160	115.83%



Remarks/Comments:
6 x 12 in. Cylinders

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

REPORT OF SITE VISIT
TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R078
Sample Date: 07/05/2011
Date Reported: 07/05/2011

On July 5, 2011 a representative of L&G Engineering Laboratory was dispatched to DHS Segment 6B & C to perform testing and inspection on the placement of ready-mixed concrete on the Wall Build up.

Specimen Number 40 was obtained and tested at 11:30 AM, and the following were determined:

Concrete Temp:	86°f	95 Max (Specification)	**Entrapped/Entrained Air Content:**	1.4%	3 - 7 (Specification)
Ambient Temp:	93°f	50 Min (Specification)	**Slump:**	4 inches	3 - 5 (Specification)

From Specimen Number 40, a total of four (4) 6x12 cylindrical test specimens were cast for Compressive Strength Testing at intervals of 7 and 28 days. *Sampled at Wall Build up @ Sta. 39+50.

On July 6, 2011 a representative of L&G Engineering Laboratory was dispatched to the referenced project to collect the cylindrical specimens cast on the placement of Wall Build up. The specimens were delivered to the laboratory where they were stripped, labeled, and placed in a curing tank for testing at intervals of 7 and 28 days.

Remarks: ***All test results are reported to the Inspector Hector Cantu with Dos Logistics on site or via telephone.***
Test Methods (If Applicable): ASTM C-231, ASTM C-143, ASTM C-1064, ASTM C-31, ASTM C-172

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

CONCRETE COMPRESSION TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R056-28
Sample Date: 06/09/2011
Date Reported: 07/07/2011

Placement Location: Wall Build up @ Sta. 52+00
Mix ID: 118 ICE Supplier: J III Concrete
Specified Strength: 3,600 P.S.I. @ 28 days
Specified Slump: 3 - 5" Slump: 5.0"
Specified Air Content: 3 - 7 Air Content: 1.8%
Weather Conditions: Clear & Sunny Air Temp.: 95°f
Time Batched: 1:27 pm Time Sampled: 2:35 pm Concrete Temp.: 92°f
Plant Ticket No: 165491 Truck No: 190 CY: 10
Water: 30 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
26	A	06/16/2011	7	81,090	Type 3	2,870		79.72%
	B	06/16/2011	7	81,220	Type 3	2,870	2,870	79.72%
	C	07/07/2011	28	112,820	Type 3	3,990		110.83%
	D	07/07/2011	28	113,300	Type 3	4,010	4,000	111.39%

Remarks/Comments:
6 x 12 in. Cylinders

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

REPORT OF SITE VISIT
TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R079
Sample Date: 07/06/2011
Date Reported: 07/06/2011

On July 6, 2011 a representative of L&G Engineering Laboratory was dispatched to DHS Segment 6B & C to perform testing and inspection on the placement of ready-mixed concrete on the Wall Build up.

Specimen Number 41 was obtained and tested at 3:30 PM, and the following were determined:

Concrete Temp:	87°f	95 Max (Specification)	**Entrapped/Entrained Air Content:**	1.6%	3 - 7 (Specification)
Ambient Temp:	96°f	50 Min (Specification)	**Slump:**	4 inches	3 - 5 (Specification)

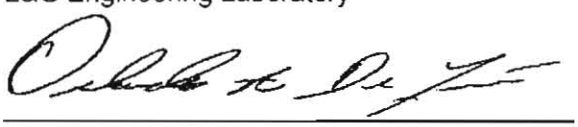
From Specimen Number 41, a total of four (4) 6x12 cylindrical test specimens were cast for Compressive Strength Testing at intervals of 7 and 28 days. *Sampled at Wall Build up @ Sta. 17+50.

On July 7, 2011 a representative of L&G Engineering Laboratory was dispatched to the referenced project to collect the cylindrical specimens cast on the placement of Wall Build up. The specimens were delivered to the laboratory where they were stripped, labeled, and placed in a curing tank for testing at intervals of 7 and 28 days.

Remarks: ***All test results are reported to the Inspector Hector Cantu with Dos Logistics on site or via telephone.**
Test Methods (If Applicable): ASTM C-231, ASTM C-143, ASTM C-1064, ASTM C-31, ASTM C-172

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory



Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

CONCRETE COMPRESSION TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R080-28
Sample Date: 07/01/2011
Date Reported: 07/08/2011

Placement Location: Wall Build up @ Sta. 39+50
Mix ID: 118 ICE Supplier: J III Concrete
Specified Strength: 3,600 P.S.I. @ 28 days
Specified Slump: 3 - 5" Slump: 4.25"
Specified Air Content: 3 - 7 Air Content: 2.7%
Weather Conditions: Cloudy & Breezy Air Temp.: 83°f
Time Batched: 9:15 am Time Sampled: 10:35 am Concrete Temp.: 85°f
Plant Ticket No: 166656 Truck No: 177 CY: 10
Water: 5 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
39	A	07/08/2011	7	69,900	Type 2	2,470		68.61%
	B	07/08/2011	7	84,170	Type 3	2,980	2,720	82.78%
	C	07/29/2011	28	104,457	Type 3	3,690		102.50%
	D	07/29/2011	28	105,390	Type 3	3,730	3,710	103.61%

Remarks/Comments:
6 x 12 in. Cylinders

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

CONCRETE COMPRESSION TEST REPORT

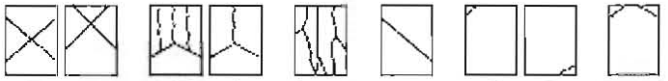
Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R057-28
Sample Date: 06/10/2011
Date Reported: 07/08/2011

Placement Location: Wall Build up @ Sta. 51+50
Mix ID: 118 ICE Supplier: J III Concrete
Specified Strength: 3,600 P.S.I. @ 28 days
Specified Slump: 3 - 5" Slump: 5.0"
Specified Air Content: 3 - 7 Air Content: 1.9%
Weather Conditions: Clear & Calm Air Temp.: 95°f
Time Batched: 2:09 pm Time Sampled: 2:50 pm Concrete Temp.: 90°f
Plant Ticket No: 165584 Truck No: 195 CY: 10
Water: 0 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
27	A	06/17/2011	7	86,270	Type 2	3,050		84.72%
	B	06/17/2011	7	93,550	Type 2	3,310	3,180	91.94%
	C	07/08/2011	28	123,630	Type 3	4,370		121.39%
	D	07/08/2011	28	116,170	Type 3	4,110	4,240	114.17%



Remarks/Comments:
6 x 12 in. Cylinders

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

REPORT OF SITE VISIT
TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R081
Sample Date: 07/07/2011
Date Reported: 07/07/2011

On July 7, 2011 a representative of L&G Engineering Laboratory was dispatched to DHS Segment 6B & C to perform testing and inspection on the placement of ready-mixed concrete on the Wall Build up.

Specimen Number 42 was obtained and tested at 2:25 PM, and the following were determined:

Concrete Temp:	85°f	95 Max (Specification)	**Entrapped/Entrained Air Content:**	1.8%	3 - 7 (Specification)
Ambient Temp:	98°f	50 Min (Specification)	**Slump:**	4 1/2 inches	3 - 5 (Specification)

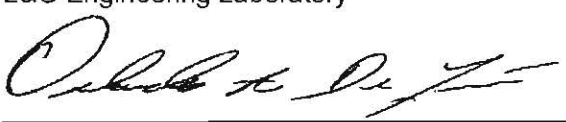
From Specimen Number 42, a total of four (4) 6x12 cylindrical test specimens were cast for Compressive Strength Testing at intervals of 7 and 28 days. *Sampled at Wall Build up @ Sta. 17+85.

On July 8, 2011 a representative of L&G Engineering Laboratory was dispatched to the referenced project to collect the cylindrical specimens cast on the placement of Wall Build up. The specimens were delivered to the laboratory where they were stripped, labeled, and placed in a curing tank for testing at intervals of 7 and 28 days.

Remarks: ***All test results are reported to the Inspector Hector Cantu with Dos Logistics on site or via telephone.**
Test Methods (If Applicable):ASTM C-231, ASTM C-143, ASTM C-1064, ASTM C-31, ASTM C-172

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory



Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

REPORT OF SITE VISIT
TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R082
Sample Date: 07/08/2011
Date Reported: 07/08/2011

On July 8, 2011 a representative of L&G Engineering Laboratory was dispatched to DHS Segment 6B & C to perform inspection on the placement of ready-mixed concrete on the Wall Build up.

Specimen Number 43 was obtained and tested at 2:30 PM, and the following were determined:

Concrete Temp:	85°f	95 Max (Specification)	**Entrapped/Entrained Air Content:**	1.6%	3 - 7 (Specification)
Ambient Temp:	98°f	50 Min (Specification)	**Slump:**	5 inches	3 - 5 (Specification)

From Specimen Number 43, a total of four (4) 6x12 cylindrical test specimens were cast for Compressive Strength Testing at intervals of 7 and 28 days. *Sampled at Wall Build up @ Sta. 15+80.

On July 9, 2011 a representative of L&G Engineering Laboratory was dispatched to the referenced project to collect the cylindrical specimens cast on the placement of Wall Build up. The specimens were delivered to the laboratory where they were stripped, labeled, and placed in a curing tank for testing at intervals of 7 and 28 days.

Remarks: ***All test results are reported to the Inspector Hector Cantu with Dos Logistics on site or via telephone.**
Test Methods (If Applicable):ASTM C-231, ASTM C-143, ASTM C-1064, ASTM C-31, ASTM C-172

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

CONCRETE COMPRESSION TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R083
Sample Date: 07/05/2011
Date Reported: 07/12/2011

Placement Location: Wall Build up @ Sta. 39+50
Mix ID: 118 ICE Supplier: J III Concrete
Specified Strength: 3,600 P.S.I. @ 28 days
Specified Slump: 3 - 5" Slump: 4.0"
Specified Air Content: 3 - 7 Air Content: 1.4%
Weather Conditions: Hot & Humid Air Temp.: 93°f
Time Batched: 10:40 am Time Sampled: 11:30 am Concrete Temp.: 86°f
Plant Ticket No: 166711 Truck No: 185 CY: 7
Water: 0 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
40	A	07/12/2011	7	102,470	Type 3	3,620		100.56%
	B	07/12/2011	7	107,660	Type 3	3,810	3,720	105.83%

Remarks/Comments:
6 x 12 in. Cylinders

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADORESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

CONCRETE COMPRESSION TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R062-28
Sample Date: 06/14/2011
Date Reported: 07/12/2011

Placement Location: Wall Build up @ Sta. 49+75
Mix ID: 118 ICE Supplier: J III Concrete
Specified Strength: 3,600 P.S.I. @ 28 days
Specified Slump: 3 - 5" Slump: 5.0"
Specified Air Content: 3 - 7 Air Content: 1.4%
Weather Conditions: Clear, Sunny & Hot Air Temp.: 98°f
Time Batched: 1:52 pm Time Sampled: 3:00 pm Concrete Temp.: 95°f
Plant Ticket No: 284525 Truck No: 189 CY: 10
Water: 11 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
29	A	06/21/2011	7	83,180	Type 3	2,940		81.67%
	B	06/21/2011	7	79,570	Type 2	2,810	2,880	78.06%
	C	07/12/2011	28	107,300	Type 3	3,790		105.28%
	D	07/12/2011	28	110,940	Type 3	3,920	3,860	108.89%

Remarks/Comments:
6 x 12 in. Cylinders

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

CONCRETE COMPRESSION TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R061-28
Sample Date: 06/13/2011
Date Reported: 07/11/2011

Placement Location: Wall Build up @ Sta. 50+50
Mix ID: 118 ICE Supplier: J III Concrete
Specified Strength: 3,600 P.S.I. @ 28 days
Specified Slump: 3 - 5" Slump: 4.5"
Specified Air Content: 3 - 7 Air Content: 1.8%
Weather Conditions: Clear, Sunny & Hot Air Temp.: 100°f
Time Batched: 1:17 pm Time Sampled: 2:20 pm Concrete Temp.: 94°f
Plant Ticket No: 284506 Truck No: 177 CY: 10
Water: 35 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
28	A	06/20/2011	7	75,890	Type 3	2,680		74.44%
	B	06/20/2011	7	74,460	Type 3	2,630	2,660	73.06%
	C	07/11/2011	28	102,680	Type 3	3,630		100.83%
	D	07/11/2011	28	101,510	Type 3	3,590	3,610	99.72%

Remarks/Comments:
6 x 12 in. Cylinders; *Max addition of water 60 Gallons as noted on Batch Ticket.

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

REPORT OF SITE VISIT
TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R084
Sample Date: 07/11/2011
Date Reported: 07/11/2011

On July 11, 2011 a representative of L&G Engineering Laboratory was dispatched to DHS Segment 6B &C to perform testing and inspection on the placement of ready-mixed concrete on Wall Build up.

Specimen Number 44 was obtained and tested at 2:30 PM, and the following were determined:

Concrete Temp:	93°f	95 Max (Specification)	**Entrapped/Entrained Air Content:**	2.9%	3 - 7 (Specification)
Ambient Temp:	95°f	50 Min (Specification)	**Slump:**	4 3/4 inches	3 - 5 (Specification)

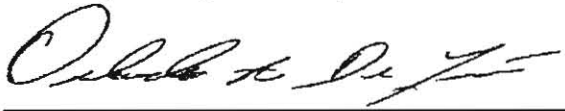
From Specimen Number 44, a total of four (4) 6x12 cylindrical test specimens were cast for Compressive Strength Testing at intervals of 7 and 28 days. *Sampled at Wall Build up @ Sta. 15+00.

On July 12, 2011 a representative of L&G Engineering Laboratory was dispatched to the referenced project to collect the cylindrical specimens cast on the placement Wall Build up. The specimens were delivered to the laboratory where they were stripped, labeled, and placed in a curing tank for testing at intervals of 7 and 28 days.

Remarks: ***All test results are reported to the Inspector Hector Cantu with Dos Logistics on site or via telephone.***
Test Methods (If Applicable):ASTM C-231, ASTM C-143, ASTM C-1064, ASTM C-31, ASTM C-172

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory



Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

REPORT OF SITE VISIT
TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R085
Sample Date: 07/12/2011
Date Reported: 07/12/2011

On July 12, 2011 a representative of L&G Engineering Laboratory was dispatched to DHS Segment 6B & C to perform inspection on the placement of ready-mixed concrete on Wall Build up.

Specimen Number 45 was obtained and tested at 2:25 PM, and the following were determined:

Concrete Temp:	91°f	95 Max (Specification)	**Entrapped/Entrained Air Content:**	2.5%	3 - 7 (Specification)
Ambient Temp:	94°f	50 Min (Specification)	**Slump:**	4 1/2 inches	3 - 5 (Specification)

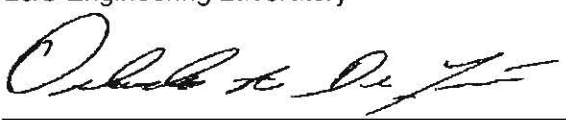
From Specimen Number 45, a total of four (4) 6x12 cylindrical test specimens were cast for Compressive Strength Testing at intervals of 7 and 28 days. *Sampled at Wall Build up @ Sta. 13+00.

On July 13, 2011 a representative of L&G Engineering Laboratory was dispatched to the referenced project to collect the cylindrical specimens cast on the placement of Wall Build up. The specimens were delivered to the laboratory where they were stripped, labeled, and placed in a curing tank for testing at intervals of 7 and 28 days.

Remarks: ***All test results are reported to the Inspector Hector Cantu with Dos Logistics on site or via telephone.**
Test Methods (If Applicable): ASTM C-231, ASTM C-143, ASTM C-1064, ASTM C-31, ASTM C-172

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory



Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

CONCRETE COMPRESSION TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R086
Sample Date: 07/06/2011
Date Reported: 07/13/2011

Placement Location: Wall Build up @ Sta. 17+50
Mix ID: 118 ICE Supplier: J III Concrete
Specified Strength: 3,600 P.S.I. @ 28 days
Specified Slump: 3 - 5" Slump: 4.0"
Specified Air Content: 3 - 7 Air Content: 1.6%
Weather Conditions: Hot & Humid Air Temp.: 96°f
Time Batched: 2:37 pm Time Sampled: 3:30 pm Concrete Temp.: 87°f
Plant Ticket No: 166806 Truck No: 155 CY: 8
Water: 10 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
41	A	07/13/2011	7	97,000	Type 3	3,430		95.28%
	B	07/13/2011	7	95,420	Type 3	3,370	3,400	93.61%

Remarks/Comments:
6 x 12 in. Cylinders

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PROQUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT ANQ ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

CONCRETE COMPRESSION TEST REPORT

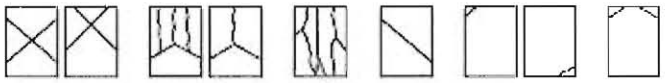
Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R064-28
Sample Date: 06/15/2011
Date Reported: 07/13/2011

Placement Location: Wall Build up @ Sta. 48+75
Mix ID: 118 ICE Supplier: J III Concrete
Specified Strength: 3,600 P.S.I. @ 28 days
Specified Slump: 3 - 5" Slump: 4.5"
Specified Air Content: 3 - 7 Air Content: 1.6%
Weather Conditions: Partly Cloudy & Hot Air Temp.: 101°f
Time Batched: 1:20 pm Time Sampled: 2:17 pm Concrete Temp.: 94°f
Plant Ticket No: 284554 Truck No: 180 CY: 10
Water: 20 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
30	A	06/22/2011	7	84,630	Type 3	2,990		83.06%
	B	06/22/2011	7	79,940	Type 3	2,830	2,910	78.61%
	C	07/13/2011	28	107,610	Type 3	3,810		105.83%
	D	07/13/2011	28	107,380	Type 2	3,800	3,800	105.56%



Remarks/Comments:
6 x 12 in. Cylinders

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

CONCRETE COMPRESSION TEST REPORT

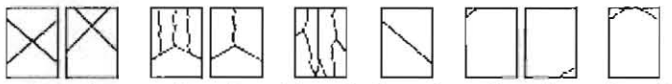
Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R087
Sample Date: 07/07/2011
Date Reported: 07/14/2011

Placement Location: Wall Build up @ Sta. 17+85
Mix ID: 118 ICE Supplier: J III Concrete
Specified Strength: 3,600 P.S.I. @ 28 days
Specified Slump: 3 - 5" Slump: 4.5"
Specified Air Content: 3 - 7 Air Content: 1.8%
Weather Conditions: Hot Air Temp.: 98°f
Time Batched: 1:29 pm Time Sampled: 2:25 pm Concrete Temp.: 85°f
Plant Ticket No: 166878 Truck No: 177 CY: 10
Water: 0 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
42	A	07/14/2011	7	99,740	Type 3	3,530		98.06%
	B	07/14/2011	7	106,610	Type 3	3,770	3,650	104.72%



Remarks/Comments:
6 x 12 in. Cylinders

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES. NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

CONCRETE COMPRESSION TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R065-28
Sample Date: 06/16/2011
Date Reported: 07/14/2011

Placement Location: Wall Build up @ Sta. 47+75
Mix ID: 118 ICE Supplier: J III Concrete
Specified Strength: 3,600 P.S.I. @ 28 days
Specified Slump: 3 - 5" Slump: 5.0"
Specified Air Content: 3 - 7 Air Content: 2.0%
Weather Conditions: Clear, Sunny & Hot Air Temp.: 100°f
Time Batched: 1:30 pm Time Sampled: 2:30 pm Concrete Temp.: 93°f
Plant Ticket No: 285318 Truck No: 155 CY: 10
Water: 0 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
31	A	06/23/2011	7	78,480	Type 3	2,780		77.22%
	B	06/23/2011	7	80,590	Type 3	2,850	2,810	79.17%
	C	07/14/2011	28	115,390	Type 3	4,080		113.33%
	D	07/14/2011	28	112,170	Type 3	3,970	4,020	110.28%

Remarks/Comments:
6 x 12 in. Cylinders

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES. NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

REPORT OF SITE VISIT
TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R088
Sample Date: 07/13/2011
Date Reported: 07/13/2011

On July 13, 2011 a representative of L&G Engineering Laboratory was dispatched to DHS Segment 6B & C to perform testing and inspection on the placement of ready-mixed concrete on Wall Build up @ Sta. 12+20.

Specimen Number 46 was obtained and tested at 2:25 PM, and the following were determined:

Concrete Temp:	95°f	95 Max (Specification)	**Entrapped/Entrained Air Content:**	1.8%	3 - 7 (Specification)
Ambient Temp:	96°f	50 Min (Specification)	**Slump:**	4 3/4 inches	3 - 5 (Specification)

From Specimen Number 46, a total of four (4) 6x12 cylindrical test specimens were cast for Compressive Strength Testing at intervals of 7 and 28 days. *Sampled at Wall Build up @ Sta. 12+20.

On July 14, 2011 a representative of L&G Engineering Laboratory was dispatched to the referenced project to collect the cylindrical specimens cast on the placement of Wall Build up. The specimens were delivered to the laboratory where they were stripped, labeled, and placed in a curing tank for testing at intervals of 7 and 28 days.

Remarks: ***All test results are reported to the Inspector Hector Cantu with Dos Logistics on site or via telephone.**
Test Methods (If Applicable): ASTM C-231, ASTM C-143, ASTM C-1064, ASTM C-31, ASTM C-172

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEOURES, NOR OO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE AODRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

CONCRETE COMPRESSION TEST REPORT

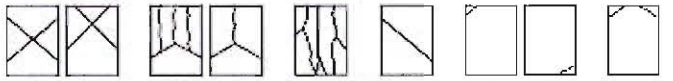
Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R089
Sample Date: 07/08/2011
Date Reported: 07/15/2011

Placement Location: Wall Build up @ Sta. 15+80
Mix ID: 118 ICE Supplier: J III Concrete
Specified Strength: 3,600 P.S.I. @ 28 days
Specified Slump: 3 - 5" Slump: 5.0"
Specified Air Content: 3 - 7 Air Content: 1.6%
Weather Conditions: Hot & Humid Air Temp.: 98°f
Time Batched: 1:43 pm Time Sampled: 2:30 pm Concrete Temp.: 85°f
Plant Ticket No: 166992 Truck No: 191 CY: 10
Water: 5 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
43	A	07/15/2011	7	87,280	Type 3	3,090		85.83%
	B	07/15/2011	7	88,490	Type 3	3,130	3,110	86.94%



Remarks/Comments:
6 x 12 in. Cylinders

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

CONCRETE COMPRESSION TEST REPORT

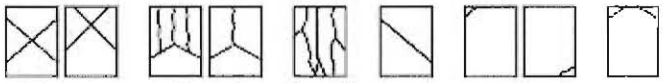
Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R067-28
Sample Date: 06/17/2011
Date Reported: 07/15/2011

Placement Location: Wall Build up @ Sta. 46+79
Mix ID: 118 ICE Supplier: J III Concrete
Specified Strength: 3,600 P.S.I. @ 28 days
Specified Slump: 3 - 5" Slump: 5.0"
Specified Air Content: 3 - 7 Air Content: 2.3%
Weather Conditions: Clear, Windy & Sunny Air Temp.: 96°f
Time Batched: 1:15 pm Time Sampled: 2:15 pm Concrete Temp.: 92°f
Plant Ticket No: 166116 Truck No: 168 CY: 10
Water: 10 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
32	A	06/24/2011	7	81,630	Type 3	2,890		80.28%
	B	06/24/2011	7	84,150	Type 3	2,980	2,930	82.78%
	C	07/15/2011	28	106,490	Type 3	3,770		104.72%
	D	07/15/2011	28	109,020	Type 3	3,860	3,810	107.22%



Remarks/Comments:
6 x 12 in. Cylinders

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

REPORT OF SITE VISIT
TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R090
Sample Date: 07/14/2011
Date Reported: 07/14/2011

On July 14, 2011 a representative of L&G Engineering Laboratory was dispatched to DHS Segment 6B & C to perform testing and inspection on the placement of ready-mixed concrete on Wall Build up.

Specimen Number 47 was obtained and tested at 2:15 PM, and the following were determined:

Concrete Temp:	93°f	95 Max (Specification)	**Entrapped/Entrained Air Content:**	1.6%	3 - 7 (Specification)
Ambient Temp:	98°f	50 Min (Specification)	**Slump:**	4 1/2 inches	3 - 5 (Specification)

From Specimen Number 47, a total of four (4) 6x12 cylindrical test specimens were cast for Compressive Strength Testing at intervals of 7 and 28 days. *Sampled at Wall Build up @ Sta. 11+40.

On July 15, 2011 a representative of L&G Engineering Laboratory was dispatched to the referenced project to collect the cylindrical specimens cast on the placement of Wall Build up. The specimens were delivered to the laboratory where they were stripped, labeled, and placed in a curing tank for testing at intervals of 7 and 28 days.

Remarks: ***All test results are reported to the Inspector Hector Cantu with Dos Logistics on site or via telephone.***
Test Methods (If Applicable): ASTM C-231, ASTM C-143, ASTM C-1064, ASTM C-31, ASTM C-172

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

REPORT OF SITE VISIT
TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R091
Sample Date: 07/15/2011
Date Reported: 07/15/2011

On July 15, 2011 a representative of L&G Engineering Laboratory was dispatched to DHS Segment 6B & C to perform testing and inspection on the placement of ready-mixed concrete on Wall Build up.

Specimen Number 48 was obtained and tested at 2:30 PM, and the following were determined:

Concrete Temp:	94°f	95 Max (Specification)	**Entrapped/Entrained Air Content:**	2.4%	3 - 7 (Specification)
Ambient Temp:	96°f	50 Min (Specification)	**Slump:**	5 inches	3 - 5 (Specification)

From Specimen Number 48, a total of four (4) 6x12 cylindrical test specimens were cast for Compressive Strength Testing at intervals of 7 and 28 days. *Sampled at Wall Build up @ Sta. 10+60.

On July 16, 2011 a representative of L&G Engineering Laboratory was dispatched to the referenced project to collect the cylindrical specimens cast on the placement of Wall Build up. The specimens were delivered to the laboratory where they were stripped, labeled, and placed in a curing tank for testing at intervals of 7 and 28 days.

Remarks: ***All test results are reported to the Inspector Hector Cantu with Dos Logistics on site or via telephone.***
Test Methods (If Applicable): ASTM C-231, ASTM C-143, ASTM C-1064, ASTM C-31, ASTM C-172

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

CONCRETE COMPRESSION TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R092
Sample Date: 07/11/2011
Date Reported: 07/18/2011

Placement Location: Wall Build up @ Sta. 15+00
Mix ID: 118 ICE Supplier: J III Concrete
Specified Strength: 3,600 P.S.I. @ 28 days
Specified Slump: 3 - 5" Slump: 4.75"
Specified Air Content: 3 - 7 Air Content: 2.9%
Weather Conditions: Clear & Sunny Air Temp.: 95°f
Time Batched: 1:40 pm Time Sampled: 2:30 pm Concrete Temp.: 93°f
Plant Ticket No: 285747 Truck No: 177 CY: 10
Water: 0 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
44	A	07/18/2011	7	85,100	Type 3	3,010		83.61%
	B	07/18/2011	7	87,760	Type 3	3,100	3,060	86.11%

Remarks/Comments:
6 x 12 in. Cylinders

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

CONCRETE COMPRESSION TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R068-28
Sample Date: 06/20/2011
Date Reported: 07/18/2011

Placement Location: Wall Build up @ Sta. 45+50
Mix ID: 118 ICE Supplier: J III Concrete
Specified Strength: 3,600 P.S.I. @ 28 days
Specified Slump: 3 - 5" Slump: 4.5"
Specified Air Content: 3 - 7 Air Content: 2.0%
Weather Conditions: Partly Cloudy & Hot Air Temp.: 98°f
Time Batched: 1:26 pm Time Sampled: 2:35 pm Concrete Temp.: 87°f
Plant Ticket No: 166231 Truck No: 177 CY: 10
Water: 0 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
33	A	06/27/2011	7	60,210	Type 3	2,130		59.17%
	B	06/27/2011	7	71,850	Type 3	2,540	2,340	70.56%
	C	07/18/2011	28	103,550	Type 3	3,660		101.67%
	D	07/18/2011	28	103,940	Type 3	3,680	3,670	102.22%

Remarks/Comments:
6 x 12 in. Cylinders

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

CONCRETE COMPRESSION TEST REPORT

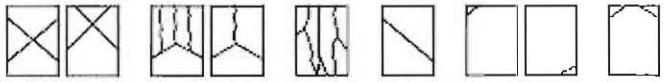
Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R093
Sample Date: 07/12/2011
Date Reported: 07/19/2011

Placement Location: Wall Build Up @ Sta. 13+00
Mix ID: 118 ICE Supplier: J III Concrete
Specified Strength: 3,600 P.S.I. @ 28 days
Specified Slump: 3 - 5" Slump: 4.5"
Specified Air Content: 3 - 7 Air Content: 2.5%
Weather Conditions: Clear, Sunny & Hot Air Temp.: 94°f
Time Batched: 1:37 pm Time Sampled: 2:25 pm Concrete Temp.: 91°f
Plant Ticket No: 285779 Truck No: 185 CY: 10
Water: 5 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
45	A	07/19/2011	7	96,570	Type 3	3,420		95.00%
	B	07/19/2011	7	98,030	Type 3	3,470	3,440	96.39%



Remarks/Comments:
6 x 12 in. Cylinders

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

CONCRETE COMPRESSION TEST REPORT

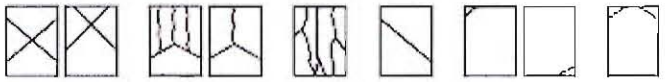
Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R069-28
Sample Date: 06/21/2011
Date Reported: 07/19/2011

Placement Location: Wall Build up @ Sta. 46+00
Mix ID: 118 ICE Supplier: J III Concrete
Specified Strength: 3,600 P.S.I. @ 28 days
Specified Slump: 3 - 5" Slump: 4.75"
Specified Air Content: 3 - 7 Air Content: 2.1%
Weather Conditions: Hot Air Temp.: 98°f
Time Batched: 2:22 pm Time Sampled: 3:20 pm Concrete Temp.: 89°f
Plant Ticket No: 166323 Truck No: 189 CY: 10
Water: 5 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
34	A	06/28/2011	7	87,590	Type 3	3,100		86.11%
	B	06/28/2011	7	87,360	Type 3	3,090	3,090	85.83%
	C	07/19/2011	28	124,090	Type 3	4,390		121.94%
	D	07/19/2011	28	116,260	Type 3	4,110	4,250	114.17%



Remarks/Comments:
6 x 12 in. Cylinders

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

CONCRETE COMPRESSION TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R094
Sample Date: 07/13/2011
Date Reported: 07/20/2011

Placement Location: Wall Build up @ Sta. 12+20
Mix ID: 118 ICE Supplier: J III Concrete
Specified Strength: 3,600 P.S.I. @ 28 days
Specified Slump: 3 - 5" Slump: 4.75"
Specified Air Content: 3 - 7 Air Content: 1.8%
Weather Conditions: Clear, Sunny, Hot Air Temp.: 96°f
Time Batched: 1:17 pm Time Sampled: 2:25 pm Concrete Temp.: 95°f
Plant Ticket No: 285803 Truck No: 197 CY: 10
Water: 0 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
46	A	07/20/2011	7	98,430	Type 3	3,480		96.67%
	B	07/20/2011	7	92,030	Type 3	3,250	3,370	90.28%

Remarks/Comments:
6 x 12 in. Cylinders

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

CONCRETE COMPRESSION TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R095
Sample Date: 07/14/2011
Date Reported: 07/21/2011

Placement Location: Wall Build Up @ Sta. 11+40
Mix ID: 118 ICE Supplier: J III Concrete
Specified Strength: 3,600 P.S.I. @ 28 days
Specified Slump: 3 - 5" Slump: 4.5"
Specified Air Content: 3 - 7 Air Content: 1.6%
Weather Conditions: Clear, Sunny & Hot Air Temp.: 98°f
Time Batched: 1:17 pm Time Sampled: 2:15 pm Concrete Temp.: 93°f
Plant Ticket No: 285836 Truck No: 183 CY: 10
Water: 5 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
47	A	07/21/2011	7	91,630	Type 3	3,240		90.00%
	B	07/21/2011	7	93,850	Type 3	3,320	3,280	92.22%

Remarks/Comments:
6 x 12 in. Cylinders

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

CONCRETE COMPRESSION TEST REPORT

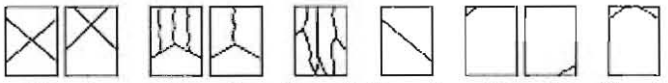
Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R096
Sample Date: 07/15/2011
Date Reported: 07/22/2011

Placement Location: Wall Build up @ Sta. 10+60
Mix ID: 118 ICE Supplier: J III Concrete
Specified Strength: 3,600 P.S.I. @ 28 days
Specified Slump: 3 - 5" Slump: 5.0"
Specified Air Content: 3 - 7 Air Content: 2.4%
Weather Conditions: Clear & Sunny Air Temp.: 96°f
Time Batched: 1:38 pm Time Sampled: 2:30 pm Concrete Temp.: 94°f
Plant Ticket No: 285889 Truck No: 190 CY: 10
Water: 35 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
48	A	07/22/2011	7	104,510	Type 3	3,700		102.78%
	B	07/22/2011	7	101,310	Type 3	3,580	3,640	99.44%



Remarks/Comments:
6 x 12 in. Cylinders

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R097
Sample Date: 07/26/2011
Date Reported: 07/26/2011

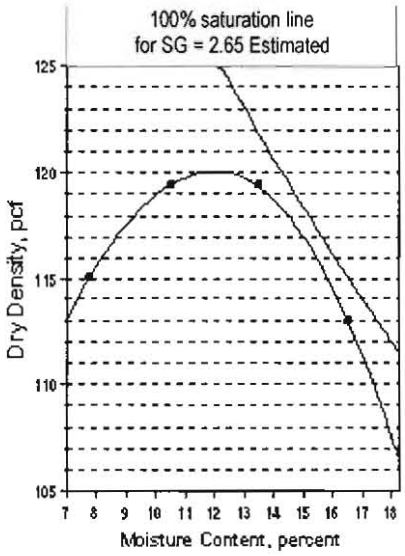
Field Number: SVB #1
Compaction Method: **ASTM D-698**
Material Description: **Salvage Base Caliche #1**

Specific Gravity: 2.65

Liquid Limit: 30
Plastic Limit: 18
Plasticity Index: 12

Specimen No.:	**1**	**2**	**3**	**4**
Moisture, %:	7.7	10.6	13.4	16.6
Dry Density (pcf):	114.9	119.4	119.4	112.7

Maximum Dry Density in P.C.F.: 120.0
Optimum Moisture (%): 12.0



Test Method: ASTM D-698

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

CONCRETE COMPRESSION TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R044-56
Sample Date: 06/01/2011
Date Reported: 07/27/2011

Placement Location: Wall Build up @ Sta. 58+80
Mix ID: 118 ICE Supplier: J III Concrete
Specified Strength: 3,600 P.S.I. @ 28 days
Specified Slump: 3 - 5" Slump: 5.0"
Specified Air Content: 3 - 7 Air Content: 1.3%
Weather Conditions: Partly Cloudy & Hot Air Temp.: 97°f
Time Batched: 1:52 pm Time Sampled: 3:15 pm Concrete Temp.: 90°f
Plant Ticket No: 284199 Truck No: 192 CY: 20
Water: 0 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
20	A	06/08/2011	7	70,390	Type 3	2,490		69.17%
	B	06/08/2011	7	68,320	Type 3	2,420	2,450	67.22%
	C	06/29/2011	28	86,850	Type 3	3,070	3,070	85.28%
	D	07/27/2011	56	104,302	Type 3	3,690	3,690	102.50%

Remarks/Comments:
6 x 12 in. Cylinders; *Specimen "C" failed to meet project specifications. Specimen "D" was held for 56-day testing.

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSEO CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

L & G Engineering Laboratory, LLC

Invoice

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

Date	8/31/2011
Invoice #	7666

Bill To	Ship To
Hidalgo County Drainage District #1 Mr. Godfrey Garza 902 N. Dolittle Edinburg, Texas 78541	USIBWC/DHS Hidalgo Protective Levee Improvements Project Segment 0-6B & 0-6C Wk. Auth. #46 Contract Amt. $24,877.36

P.O.No.	Due Date
618372	9/10/2011

Item	Description	Contract Amt	Prior Amt	Curr %	Total %	Amount
330	Construction Material Testing	24,877.36	17,414.15	10.00%	80.00%	2,487.74

L&G appreciates the opportunity to serve your Geotechnical & Construction Material Testing needs.

Total	$2,487.74
Payments/Credits	$0.00
Balance Due	$2,487.74

HIDALGO COUNTY
SEP 06 2011
RAINAGE DISTRICT #1

L&G Engineering Laboratory
Construction Material Testing
Geotechnical Engineering

August 31, 2011

Mr. Godfrey Garza
Hidalgo County Drainage District
902 N. Doolittle
Edinburg, Texas 78541

Re: Work Authorization No. 46 – Construction Materials Testing for the USIBWC Hidalgo Protective Levee Improvement Project DHS Segment 0-6B – 0-6C (Sta. 6+72 to Sta.83+65) for Change Orders No. 44 and 45.

Dear Mr. Garza:

Attached for your approval are test reports and our invoice for Construction Materials Testing Services performed on the subject project thru August 31, 2011. The following are attached:

- L&G's Invoice
- Test Reports (R83-28 – R107)

FC 330 – CONSTRUCTION MATERIALS TESTING		% Complete
L&G Engineering Laboratory has completed all associated testing for ready-mixed concrete on the pavement curb from stations 39+50 to 47+50 & concrete compression testing on the concrete sampled during the construction of the wall build-up. L&G will continue to perform construction material testing as required for the duration of the project.	**L&G**	**80%**

If you have any questions or require additional information, please feel free to contact our office.

Respectfully Submitted,

Reza Badiozzamani, P.E.
Project Manager

HIDALGO COUNTY
SEP 06 2011
DRAINAGE DISTRICT #1

2100 W. Expressway 83 • Mercedes, TX 78570 • Office: (956) 565-0760 • Fax: (956) 565-6746
900 S. Stewart Rd., Ste. 9 • Mission, TX 78572 • Office: (956) 583-7117 • Fax: (956) 583-7116

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

CONCRETE COMPRESSION TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R083-28
Sample Date: 07/05/2011
Date Reported: 08/02/2011

Placement Location: Wall Build up @ Sta. 39+50
Mix ID: 6sk.Comm.20 Supplier: J III Concrete
Specified Strength: 3,600 P.S.I. @ 28 days
Specified Slump: 3 - 5" Slump: 4.0"
Specified Air Content: 3 - 7 Air Content: 1.4%
Weather Conditions: Hot & Humid Air Temp.: 93°f
Time Batched: 10:40 am Time Sampled: 11:30 am Concrete Temp.: 86°f
Plant Ticket No: 166711 Truck No: 185 CY: 7
Water: 0 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
40	A	07/12/2011	7	102,470	Type 3	3,620		100.56%
	B	07/12/2011	7	107,660	Type 3	3,810	3,720	105.83%
	C	08/02/2011	28	139,070	Type 3	4,920		136.67%
	D	08/02/2011	28	133,560	Type 3	4,720	4,820	131.11%

Remarks/Comments:
6 x 12 in. Cylinders

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

HIDALGO COUNTY
SEP 06 2011
DRAINAGE DISTRICT #1

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

CONCRETE COMPRESSION TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R086-28
Sample Date: 07/06/2011
Date Reported: 08/03/2011

Placement Location: Wall Build up @ Sta. 17+50
Mix ID: 6sk.Comm.20 Supplier: J III Concrete
Specified Strength: 3,600 P.S.I. @ 28 days
Specified Slump: 3 - 5" Slump: 4.0"
Specified Air Content: 3 - 7 Air Content: 1.6%
Weather Conditions: Hot & Humid Air Temp.: 96°f
Time Batched: 2:37 pm Time Sampled: 3:30 pm Concrete Temp.: 87°f
Plant Ticket No: 166806 Truck No: 155 CY: 8
Water: 10 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
41	A	07/13/2011	7	97,000	Type 3	3,430		95.28%
	B	07/13/2011	7	95,420	Type 3	3,370	3,400	93.61%
	C	08/03/2011	28	125,160	Type 3	4,430		123.06%
	D	08/03/2011	28	122,850	Type 3	4,340	4,390	120.56%

Remarks/Comments:
6 x 12 in. Cylinders

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

HIDALGO COUNTY
SEP 06 2011
DRAINAGE DISTRICT #1

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

CONCRETE COMPRESSION TEST REPORT

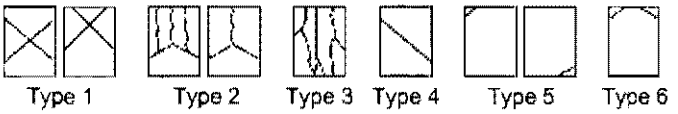
Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R087-28
Sample Date: 07/07/2011
Date Reported: 08/04/2011

Placement Location: Wall Build up @ Sta. 17+85
Mix ID: 6sk.Comm.20 Supplier: J III Concrete
Specified Strength: 3,600 P.S.I. @ 28 days
Specified Slump: 3 - 5" Slump: 4.5"
Specified Air Content: 3 - 7 Air Content: 1.8%
Weather Conditions: Hot Air Temp.: 98°f
Time Batched: 1:29 pm Time Sampled: 2:25 pm Concrete Temp.: 85°f
Plant Ticket No: 166878 Truck No: 177 CY: 10
Water: 0 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
42	A	07/14/2011	7	99,740	Type 3	3,530		98.06%
	B	07/14/2011	7	106,610	Type 3	3,770	3,650	104.72%
	C	08/04/2011	28	141,190	Type 3	4,990		138.61%
	D	08/04/2011	28	137,790	Type 3	4,870	4,930	135.28%



Remarks/Comments:
6 x 12 in. Cylinders

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

HIDALGO COUNTY
SEP 06 2011
DRAINAGE DISTRICT #1

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

CONCRETE COMPRESSION TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R089-28
Sample Date: 07/08/2011
Date Reported: 08/05/2011

Placement Location: Wall Build up @ Sta. 15+80
Mix ID: 6sk.Comm.20 Supplier: J III Concrete
Specified Strength: 3,600 P.S.I. @ 28 days
Specified Slump: 3 - 5" Slump: 5.0"
Specified Air Content: 3 - 7 Air Content: 1.6%
Weather Conditions: Hot & Humid Air Temp.: 98°f
Time Batched: 1:43 pm Time Sampled: 2:30 pm Concrete Temp.: 85°f
Plant Ticket No: 166992 Truck No: 191 CY: 10
Water: 5 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
43	A	07/15/2011	7	87,280	Type 3	3,090		85.83%
	B	07/15/2011	7	88,490	Type 3	3,130	3,110	86.94%
	C	08/05/2011	28	120,530	Type 3	4,260		118.33%
	D	08/05/2011	28	115,210	Type 3	4,070	4,170	113.06%

Remarks/Comments:
6 x 12 in. Cylinders

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

HIDALGO COUNTY
SEP 06 2011
DRAINAGE DISTRICT #1

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

CONCRETE COMPRESSION TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R092-28
Sample Date: 07/11/2011
Date Reported: 08/08/2011

Placement Location: Wall Build up @ Sta. 15+00
Mix ID: 6sk.Comm.20 Supplier: J III Concrete
Specified Strength: 3,600 P.S.I. @ 28 days
Specified Slump: 3 - 5" Slump: 4.75"
Specified Air Content: 3 - 7 Air Content: 2.9%
Weather Conditions: Clear & Sunny Air Temp.: 95°f
Time Batched: 1:40 pm Time Sampled: 2:30 pm Concrete Temp.: 93°f
Plant Ticket No: 285747 Truck No: 177 CY: 10
Water: 0 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
44	A	07/18/2011	7	85,100	Type 3	3,010		83.61%
	B	07/18/2011	7	87,760	Type 3	3,100	3,060	86.11%
	C	08/08/2011	28	116,330	Type 2	4,110		114.17%
	D	08/08/2011	28	111,620	Type 3	3,950	4,030	109.72%

Remarks/Comments:
6 x 12 in. Cylinders

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

HIDALGO COUNTY
SEP 06 2011
DRAINAGE DISTRICT #1

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

CONCRETE COMPRESSION TEST REPORT

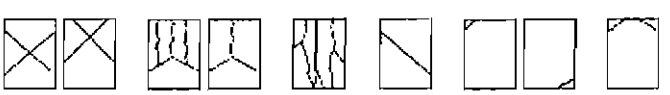
Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R093-28
Sample Date: 07/12/2011
Date Reported: 08/09/2011

Placement Location: Wall Build Up @ Sta. 13+00
Mix ID: 6sk.Comm.20 Supplier: J III Concrete
Specified Strength: 3,600 P.S.I. @ 28 days
Specified Slump: 3 - 5" Slump: 4.5"
Specified Air Content: 3 - 7 Air Content: 2.5%
Weather Conditions: Clear, Sunny & Hot Air Temp.: 94°f
Time Batched: 1:37 pm Time Sampled: 2:25 pm Concrete Temp.: 91°f
Plant Ticket No: 285779 Truck No: 185 CY: 10
Water: 5 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
45	A	07/19/2011	7	96,570	Type 3	3,420		95.00%
	B	07/19/2011	7	98,030	Type 3	3,470	3,440	96.39%
	C	08/09/2011	28	127,120	Type 2	4,500		125.00%
	D	08/09/2011	28	118,250	Type 3	4,180	4,340	116.11%



Remarks/Comments:
6 x 12 in. Cylinders; *Water was added by the Contractor after it was sampled.

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

HIDALGO COUNTY
SEP 06 2011
DRAINAGE DISTRICT #1

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

CONCRETE COMPRESSION TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R094-28
Sample Date: 07/13/2011
Date Reported: 08/10/2011

Placement Location: Wall Build up @ Sta. 12+20
Mix ID: 6sk.Comm.20 Supplier: J III Concrete
Specified Strength: 3,600 P.S.I. @ 28 days
Specified Slump: 3 - 5" Slump: 4.75"
Specified Air Content: 3 - 7 Air Content: 1.8%
Weather Conditions: Clear, Sunny, Hot Air Temp.: 96°f
Time Batched: 1:17 pm Time Sampled: 2:25 pm Concrete Temp.: 95°f
Plant Ticket No: 285803 Truck No: 197 CY: 10
Water: 0 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
46	A	07/20/2011	7	98,430	Type 3	3,480		96.67%
	B	07/20/2011	7	92,030	Type 3	3,250	3,370	90.28%
	C	08/10/2011	28	127,740	Type 3	4,520		125.56%
	D	08/10/2011	28	132,090	Type 3	4,670	4,590	129.72%

Remarks/Comments:
6 x 12 in. Cylinders

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

HIDALGO COUNTY
SEP 06 2011
DRAINAGE DISTRICT #1

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

CONCRETE COMPRESSION TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R095-28
Sample Date: 07/14/2011
Date Reported: 08/11/2011

Placement Location: Wall Build Up @ Sta. 11+40
Mix ID: 6sk.Comm.20 Supplier: J III Concrete
Specified Strength: 3,600 P.S.I. @ 28 days
Specified Slump: 3 - 5" Slump: 4.5"
Specified Air Content: 3 - 7 Air Content: 1.6%
Weather Conditions: Clear, Sunny & Hot Air Temp.: 98°f
Time Batched: 1:17 pm Time Sampled: 2:15 pm Concrete Temp.: 93°f
Plant Ticket No: 285836 Truck No: 183 CY: 10
Water: 5 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
47	A	07/21/2011	7	91,630	Type 3	3,240		90.00%
	B	07/21/2011	7	93,850	Type 3	3,320	3,280	92.22%
	C	08/11/2011	28	125,020	Type 3	4,420		122.78%
	D	08/11/2011	28	125,580	Type 3	4,440	4,430	123.33%

Remarks/Comments:
6 x 12 in. Cylinders

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

HIDALGO COUNTY
SEP 06 2011
DRAINAGE DISTRICT #1

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES. NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

CONCRETE COMPRESSION TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R096-28
Sample Date: 07/15/2011
Date Reported: 08/12/2011

Placement Location: Wall Build up @ Sta. 10+60
Mix ID: 6sk.Comm.20 Supplier: J III Concrete
Specified Strength: 3,600 P.S.I. @ 28 days
Specified Slump: 3 - 5" Slump: 5.0"
Specified Air Content: 3 - 7 Air Content: 2.4%
Weather Conditions: Clear & Sunny Air Temp.: 96°f
Time Batched: 1:38 pm Time Sampled: 2:30 pm Concrete Temp.: 94°f
Plant Ticket No: 285889 Truck No: 190 CY: 10
Water: 35 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
48	A	07/22/2011	7	104,510	Type 3	3,700		102.78%
	B	07/22/2011	7	101,310	Type 3	3,580	3,640	99.44%
	C	08/12/2011	28	136,650	Type 3	4,830		134.17%
	D	08/12/2011	28	135,060	Type 3	4,780	4,800	132.78%

Remarks/Comments:
6 x 12 in. Cylinders; *Water was added by the Contractor after it was sampled.

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

HIDALGO COUNTY
SEP 06 2011
DRAINAGE DISTRICT #1

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES. NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

REPORT OF SITE VISIT
TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R098
Sample Date: 08/19/2011
Date Reported: 08/19/2011

On August 19, 2011 @ 1:00pm, a representative of L&G Engineering Laboratory was dispatched to DHS Segment 6B & C to perform inspection on concrete on curb. The concrete truck was not at the job site, later arrived at 3:20pm. The Contractor was having problems with the water tank. The Contractor rescheduled the pour for a later date.

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

HIDALGO COUNTY
SEP 06 2011
DRAINAGE DISTRICT #1

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

REPORT OF SITE VISIT
TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R099
Sample Date: 08/22/2011
Date Reported: 08/22/2011

On August 22, 2011 a representative of L&G Engineering Laboratory was dispatched to DHS Segment 6B & C to perform testing and inspection on the placement of ready-mixed concrete on the North Curb.

Specimen Number 49 was obtained and tested at 9:27 AM, and the following were determined:

Concrete Temp:	95°f	N/A (Specification)	**Entrapped/Entrained Air Content:**	1.8%	N/A (Specification)
Ambient Temp:	87°f	N/A (Specification)	**Slump:**	4 inches	N/A (Specification)

From Specimen Number 49, a total of four (4) 6x12 cylindrical test specimens were cast for Compressive Strength Testing at intervals of 7 and 28 days. *Sampled on the North Curb @ Sta. 39+50.

On August 23, 2011 a representative of L&G Engineering Laboratory was dispatched to the referenced project to collect the cylindrical specimens cast on the North Curb. The specimens were delivered to the laboratory where they were stripped, labeled, and placed in a curing tank for testing at intervals of 7 and 28 days.

Remarks: ***All test results are reported to the Inspector Hector Cantu with Dos Logistics on site or via telephone.**
Test Methods (If Applicable): ASTM C-231, ASTM C-143, ASTM C-1064, ASTM C-31, ASTM C-172

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

HIDALGO COUNTY
SEP 06 2011
DRAINAGE DISTRICT #1

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

REPORT OF SITE VISIT
TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R100
Sample Date: 08/23/2011
Date Reported: 08/23/2011

On August 23, 2011 a representative of L&G Engineering Laboratory was dispatched to DHS Segment 6B & C to perform testing and inspection on the placement of ready-mixed concrete on the North Curb.

Specimen Number 50 was obtained and tested at 1:25 PM, and the following were determined:

Concrete Temp:	101°f	N/A (Specification)	**Entrapped/Entrained Air Content:**	2%	N/A (Specification)
Ambient Temp:	97°f	N/A (Specification)	**Slump:**	3 1/2 inches	N/A (Specification)

From Specimen Number 50, a total of four (4) 6x12 cylindrical test specimens were cast for Compressive Strength Testing at intervals of 7 and 28 days. *Sampled on the North Curb at Sta. 41+50.

On August 24, 2011 a representative of L&G Engineering Laboratory was dispatched to the referenced project to collect the cylindrical specimens cast on the North Curb. The specimens were delivered to the laboratory where they were stripped, labeled, and placed in a curing tank for testing at intervals of 7 and 28 days.

Remarks: ***All test results are reported to the Inspector Hector Cantu with Dos Logistics on site or via telephone.**
Test Methods (If Applicable): ASTM C-231, ASTM C-143, ASTM C-1064, ASTM C-31, ASTM C-172

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard.Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

HIDALGO COUNTY
SEP 06 2011
DRAINAGE DISTRICT

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

REPORT OF SITE VISIT
TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R101
Sample Date: 08/24/2011
Date Reported: 08/24/2011

On August 24, 2011 a representative of L&G Engineering Laboratory was dispatched to DHS Segment 6B & C to perform testing and inspection on the placement of ready-mixed concrete on the North Curb.

Specimen Number 51 was obtained and tested at 1:30 PM, and the following were determined:

Concrete Temp:	89°f	N/A (Specification)	**Entrapped/Entrained Air Content:**	2.8%	N/A (Specification)
Ambient Temp:	99°f	N/A (Specification)	**Slump:**	3 inches	N/A (Specification)

From Specimen Number 51, a total of four (4) 6x12 cylindrical test specimens were cast for Compressive Strength Testing at intervals of 7 and 28 days. *Sampled on the North Curb @ Sta. 43+50.

On August 25, 2011 a representative of L&G Engineering Laboratory was dispatched to the referenced project to collect the cylindrical specimens cast on the North Curb. The specimens were delivered to the laboratory where they were stripped, labeled, and placed in a curing tank for testing at intervals of 7 and 28 days.

Remarks: ***All test results are reported to the Inspector Hector Cantu with Dos Logistics on site or via telephone.**
Test Methods (If Applicable): ASTM C-231, ASTM C-143, ASTM C-1064, ASTM C-31, ASTM C-172

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

HIDALGO COUNTY
SEP 06 2011
DRAINAGE DISTRICT #1

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

REPORT OF SITE VISIT
TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R102
Sample Date: 08/25/2011
Date Reported: 08/25/2011

On August 25, 2011 a representative of L&G Engineering Laboratory was dispatched to DHS Segment 6B & C to perform testing and inspection on the placement of ready-mixed concrete on the North Curb.

Specimen Number 52 was obtained and tested at 1:25 PM, and the following were determined:

Concrete Temp:	90°f	N/A (Specification)	**Entrapped/Entrained Air Content:**	2.6%	N/A (Specification)
Ambient Temp:	99°f	N/A (Specification)	**Slump:**	3 1/4 inches	N/A (Specification)

From Specimen Number 52, a total of four (4) 6x12 cylindrical test specimens were cast for Compressive Strength Testing at intervals of 7 and 28 days. *Sampled on the North Curb @ Sta. 45+50.

On August 26, 2011 a representative of L&G Engineering Laboratory was dispatched to the referenced project to collect the cylindrical specimens cast on the North Curb. The specimens were delivered to the laboratory where they were stripped, labeled, and placed in a curing tank for testing at intervals of 7 and 28 days.

Remarks: ***All test results are reported to the Inspector Hector Cantu with Dos Logistics on site or via telephone.**
Test Methods (If Applicable): ASTM C-231, ASTM C-143, ASTM C-1064, ASTM C-31, ASTM C-172

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

HIDALGO COUNTY
SEP 06 2011
DRAINAGE DISTRICT #1

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

REPORT OF SITE VISIT
TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R103
Sample Date: 08/26/2011
Date Reported: 08/26/2011

On August 26, 2011 a representative of L&G Engineering Laboratory was dispatched to DHS Segment 6B & C to perform testing and inspection on the placement of ready-mixed concrete on the South Curb.

Specimen Number 53 was obtained and tested at 1:20 PM, and the following were determined:

Concrete Temp:	90°f	N/A (Specification)	**Entrapped/Entrained Air Content:**	2.8%	N/A (Specification)
Ambient Temp:	97°f	N/A (Specification)	**Slump:**	3 3/4 inches	N/A (Specification)

From Specimen Number 53, a total of four (4) 6x12 cylindrical test specimens were cast for Compressive Strength Testing at intervals of 7 and 28 days. *Sampled on the South Curb @ Sta. 41+20.

On August 27, 2011 a representative of L&G Engineering Laboratory was dispatched to the referenced project to collect the cylindrical specimens cast on the South Curb. The specimens were delivered to the laboratory where they were stripped, labeled, and placed in a curing tank for testing at intervals of 7 and 28 days.

Remarks: ***All test results are reported to the Inspector Hector Cantu with Dos Logistics on site or via telephone.**
Test Methods (If Applicable): ASTM C-231, ASTM C-143, ASTM C-1064, ASTM C-31, ASTM C-172

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seltz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

HIDALGO COUNTY
SEP 06 2011

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

CONCRETE COMPRESSION TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R104
Sample Date: 08/22/2011
Date Reported: 08/29/2011

Placement Location: North Curb @ Sta. 39+50
Mix ID: 6sk.Comm.20 Supplier: J III Concrete
Specified Strength: 4,000 P.S.I. @ 28 days
Specified Slump: N/A Slump: 4.0"
Specified Air Content: N/A Air Content: 1.8%
Weather Conditions: Clear & Cool Air Temp.: 87°f
Time Batched: 8:23 am Time Sampled: 9:27 am Concrete Temp.: 95°f
Plant Ticket No: 288061 Truck No: 177 CY: 10
Water: 12 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
49	A	08/29/2011	7	83,590	Type 3	2,960		74.00%
	B	08/29/2011	7	85,620	Type 3	3,030	2,990	75.75%

Remarks/Comments:
6 x 12 in. Cylinders

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering)
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

HIDALGO COUNTY
SEP 06 2011
DRAINAGE DISTRICT #1

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

REPORT OF SITE VISIT
TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R105
Sample Date: 08/29/2011
Date Reported: 08/29/2011

On August 29, 2011 a representative of L&G Engineering Laboratory was dispatched to DHS Segment 6B & C to perform testing and inspection on the placement of ready-mixed concrete on the North Curb.

Specimen Number 54 was obtained and tested at 1:30 PM, and the following were determined:

Concrete Temp:	93°f	N/A (Specification)	**Entrapped/Entrained Air Content:**	1.6%	N/A (Specification)
Ambient Temp:	98°f	N/A (Specification)	**Slump:**	4 1/2 inches	N/A (Specification)

From Specimen Number 54, a total of four (4) 6x12 cylindrical test specimens were cast for Compressive Strength Testing at intervals of 7 and 28 days. *Sampled on the North Curb @ Sta. 47+50.

On August 30, 2011 a representative of L&G Engineering Laboratory was dispatched to the referenced project to collect the cylindrical specimens cast on the North Curb. The specimens were delivered to the laboratory where they were stripped, labeled, and placed in a curing tank for testing at intervals of 7 and 28 days.

Remarks: ***All test results are reported to Inspector Hector Cantu with Dos Logistics on site or via telephone.**
Test Methods (If Applicable): ASTM C-231, ASTM C-143, ASTM C-1064, ASTM C-31, ASTM C-172

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

HIDALGO COUNTY
SEP 06 2011
DRAINAGE DISTRICT #1

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

CONCRETE COMPRESSION TEST REPORT

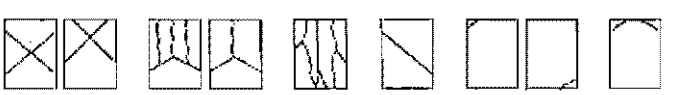
Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R106
Sample Date: 08/23/2011
Date Reported: 08/30/2011

Placement Location: North Curb @ Sta. 41+50
Mix ID: 6sk.Comm.20 Supplier: J III Concrete
Specified Strength: 4,000 P.S.I. @ 28 days
Specified Slump: N/A Slump: 3.5"
Specified Air Content: N/A Air Content: 2.0%
Weather Conditions: Clear & Hot Air Temp.: 97°f
Time Batched: 12:18 pm Time Sampled: 1:25 pm Concrete Temp.: 101°f
Plant Ticket No: 288095 Truck No: 193 CY: 8
Water: 10 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
50	A	08/30/2011	7	79,760	Type 3	2,820		70.50%
	B	08/30/2011	7	79,440	Type 3	2,810	2,820	70.25%



Remarks/Comments:
6 x 12 in. Cylinders

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

HIDALGO COUNTY
SEP 06 2011
DRAINAGE DISTRICT #1

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

CONCRETE COMPRESSION TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R107
Sample Date: 08/24/2011
Date Reported: 08/31/2011

Placement Location: North Side of Curb @ Sta. 43+50
Mix ID: 6sk Comm.20 Supplier: J III Concrete
Specified Strength: 3,600 P.S.I. @ 28 days
Specified Slump: N/A Slump: 3.0"
Specified Air Content: N/A Air Content: 2.8%
Weather Conditions: Hot & Sunny Air Temp.: 99°f
Time Batched: 12:25 pm Time Sampled: 1:30 pm Concrete Temp.: 89°f
Plant Ticket No: 169852 Truck No: 160 CY: 7
Water: 0 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
51	A	08/31/2011	7	89,670	Type 3	3,170		88.06%
	B	08/31/2011	7	84,120	Type 3	2,980	3,070	82.78%

Remarks/Comments:
6 x 12 in. Cylinders

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

HIDALGO COUNTY
SEP 06 2011
DRAINAGE DISTRICT #1

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

L & G Engineering Laboratory, LLC

Invoice

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

Date	9/30/2011
Invoice #	7684

Bill To	Ship To
Hidalgo County Drainage District #1 Mr. Godfrey Garza 902 N. Dolittle Edinburg, Texas 78541	USIBWC/DHS Hidalgo Protective Levee Improvements Project Segment 0-6B & 0-6C Wk. Auth. #46 Contract Amt. $24,877.36

Job #	Due Date
L871102	10/10/2011

Item	Description	Contract Amt	Prior Amt	Curr %	Total %	Amount
330	Construction Material Testing	24,877.36	19,901.89	15.00%	95.00%	3,731.60

L&G appreciates the opportunity to serve your Geotechnical & Construction Material Testing needs.

Total	$3,731.60
Payments/Credits	$0.00
Balance Due	$3,731.60

HIDALGO COUNTY

OCT 1 1 2011

DRAINAGE DISTRICT #1

L&G Engineering Laboratory
Construction Material Testing
Geotechnical Engineering

October 1, 2011

Mr. Godfrey Garza
Hidalgo County Drainage District
902 N. Doolittle
Edinburg, Texas 78541

Re: Work Authorization No. 46 – Construction Materials Testing for the USIBWC Hidalgo Protective Levee Improvement Project DHS Segment 0-6B – 0-6C (Sta. 6+72 to Sta.83+65) for Change Orders No. 44 and 45.

Dear Mr. Garza:

Attached for your approval are test reports and our invoice for Construction Materials Testing Services performed on the subject project thru September 30, 2011. The following are attached:

- L&G's Invoice
- Test Reports (R107 - 128)

FC 330 – CONSTRUCTION MATERIALS TESTING		% Complete
L&G Engineering Laboratory has completed all associated testing for ready-mixed concrete on the pavement curb from stations 37+00 to 54+50 as indicated on the test reports. In addition, salvaged base material has been tested as indicated on the test reports. L&G will continue to perform construction material testing as required for the duration of the project.	L&G	95%

If you have any questions or require additional information, please feel free to contact our office.

Respectfully Submitted,

For: _____ P.E.
David A. Saenz, P.E.

Reza Badiozzamani, P.E.
Project Manager

HIDALGO COUNTY
OCT 11 2011
DRAINAGE DISTRICT #1

2100 W. Expressway 83 • Mercedes, TX 78570 • Office: (956) 565-0760 • Fax: (956) 565-6746
900 S. Stewart Rd., Ste. 9 • Mission, TX 78572 • Office: (956) 583-7117 • Fax: (956) 583-7116

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

CONCRETE COMPRESSION TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R106-28
Sample Date: 08/23/2011
Date Reported: 09/20/2011

Placement Location: North Curb @ Sta. 41+50
Mix ID: 6sk.Comm.20 Supplier: J III Concrete
Specified Strength: 3,000 P.S.I. @ 28 days
Specified Slump: N/A Slump: 3.5"
Specified Air Content: N/A Air Content: 2.0%
Weather Conditions: Clear & Hot Air Temp.: 97°f
Time Batched: 12:18 pm Time Sampled: 1:25 pm Concrete Temp.: 101°f
Plant Ticket No: 288095 Truck No: 193 CY: 8
Water: 10 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
50	A	08/30/2011	7	79,760	Type 3	2,820		94.00%
	B	08/30/2011	7	79,440	Type 3	2,810	2,820	93.67%
	C	09/20/2011	28	114,090	Type 3	4,040		134.67%
	D	09/20/2011	28	107,520	Type 3	3,800	3,920	126.67%

Remarks/Comments:
6 x 12 in. Cylinders; *Specification: Sheet C0703 (Revised 4/22/09): 3000PSI

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

HIDALGO COUNTY
OCT 11 2011
DRAINAGE DISTRICT #1

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

CONCRETE COMPRESSION TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R107-28
Sample Date: 08/24/2011
Date Reported: 09/21/2011

Placement Location: North Curb @ Sta. 43+50
Mix ID: 6sk.Comm.20 Supplier: J III Concrete
Specified Strength: 3,000 P.S.I. @ 28 days
Specified Slump: N/A
Specified Air Content: N/A
Weather Conditions: Hot & Sunny
Time Batched: 12:25 pm Time Sampled: 1:30 pm
Plant Ticket No: 169852 Truck No: 160
Water: 0 gal.

Slump: 3.0"
Air Content: 2.8%
Air Temp.: 99°f
Concrete Temp.: 89°f
CY: 7

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
51	A	08/31/2011	7	89,670	Type 3	3,170		105.67%
	B	08/31/2011	7	84,120	Type 3	2,980	3,070	99.33%
	C	09/21/2011	28	123,620	Type 3	4,370		145.67%
	D	09/21/2011	28	121,050	Type 3	4,280	4,330	142.67%

Remarks/Comments:
6 x 12 in. Cylinders; *Specification: Sheet C0703 (Revised 4/22/09): 3000PSI

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

HIDALGO COUNTY
OCT 11 2011
DRAINAGE DISTRICT #1

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

REPORT OF SITE VISIT
TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R108
Sample Date: 08/30/2011
Date Reported: 08/30/2011

On August 30, 2011 a representative of L&G Engineering Laboratory was dispatched to DHS Segment 6B & C to perform testing and inspection on the placement of ready-mixed concrete on the North Curb.

Specimen Number 55 was obtained and tested at 1:40 PM, and the following were determined:

Concrete Temp:	91°f	N/A Specification	**Entrapped/Entrained Air Content:**	1.9%	N/A Specification
Ambient Temp:	98°f	N/A Specification	**Slump:**	5 1/4 inches	N/A Specification

From Specimen Number 55, a total of four (4) 6x12 cylindrical test specimens were cast for Compressive Strength Testing at intervals of 7 and 28 days. *Sampled @ Sta. 49+00 on the North Curb.

On August 31, 2011 a representative of L&G Engineering Laboratory was dispatched to the referenced project to collect the cylindrical specimens cast on the North Curb. The specimens were delivered to the laboratory where they were stripped, labeled, and placed in a curing tank for testing at intervals of 7 and 28 days.

Remarks: ***All test results are reported to the Inspector Hector Cantu with Dos Logistics onsite or via telephone.**
Test Methods (If Applicable):ASTM C-231, ASTM C-143, ASTM C-1064, ASTM C-31, ASTM C-172

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

HIDALGO COUNTY
OCT 1 1 2011
DRAINAGE DISTRICT #1

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

CONCRETE COMPRESSION TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R109-28
Sample Date: 08/25/2011
Date Reported: 09/01/2011

Placement Location: North Curb @ Sta. 45+50
Mix ID: 6sk.Comm.20 Supplier: J III Concrete
Specified Strength: 3,000 P.S.I. @ 28 days
Specified Slump: N/A Slump: 3.25"
Specified Air Content: N/A Air Content: 2.6%
Weather Conditions: Hot & Sunny Air Temp.: 99°f
Time Batched: 12:23 pm Time Sampled: 1:25 pm Concrete Temp.: 90°f
Plant Ticket No: 169907 Truck No: 177 CY: 7
Water: 0 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
52	A	09/01/2011	7	83,630	Type 3	2,960		98.67%
	B	09/01/2011	7	83,040	Type 1	2,940	2,950	98.00%
	C	09/22/2011	28	109,770	Type 4	3,880		129.33%
	D	09/22/2011	28	108,940	Type 4	3,850	3,870	128.33%

Remarks/Comments:
6 x 12 in. Cylinders; *Specification: Sheet C0703 (Revised 4/22/09): 3000PSI

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

HIDALGO COUNTY
OCT 11 2011
DRAINAGE DISTRICT #1

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

REPORT OF SITE VISIT
TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R110
Sample Date: 08/31/2011
Date Reported: 08/31/2011

On August 31, 2011 a representative of L&G Engineering Laboratory was dispatched to DHS Segment 6B & C to perform testing and inspection on the placement of ready-mixed concrete on the North Curb.

Specimen Number 56 was obtained and tested at 1:35 PM, and the following were determined:

Concrete Temp:	92°f	N/A (Specification)	**Entrapped/Entrained Air Content:**	1.9%	N/A (Specification)
Ambient Temp:	94°f	N/A (Specification)	**Slump:**	4 inches	N/A (Specification)

From Specimen Number 56, a total of four (4) 6x12 cylindrical test specimens were cast for Compressive Strength Testing at intervals of 7 and 28 days. *Sampled @ Sta. 48+00 at the North Curb.

On September 1, 2011 a representative of L&G Engineering Laboratory was dispatched to the referenced project to collect the cylindrical specimens cast on the North Curb. The specimens were delivered to the laboratory where they were stripped, labeled, and placed in a curing tank for testing at intervals of 7 and 28 days.

Remarks: ***All test results are reported to the Inspector Hector Cantu with Dos Logistics onsite or via telephone.**
Test Methods (If Applicable): ASTM C-231, ASTM C-143, ASTM C-1064, ASTM C-31, ASTM C-172

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

HIDALGO COUNTY
OCT 11 2011
DRAINAGE DISTRICT #1

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

REPORT OF SITE VISIT
TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R111
Sample Date: 09/02/2011
Date Reported: 09/02/2011

On September 2, 2011 a representative of L&G Engineering Laboratory was dispatched to DHS Segment 6B & C to perform testing and inspection on the placement of ready-mixed concrete on the North Curb.

Specimen Number 57 was obtained and tested at 1:15 PM, and the following were determined:

Concrete Temp:	93°f	N/A (Specification)	**Entrapped/Entrained Air Content:**	1.7%	N/A (Specification)
Ambient Temp:	97°f	N/A (Specification)	**Slump:**	5 1/4 inches	N/A (Specification)

From Specimen Number 57, a total of four (4) 6x12 cylindrical test specimens were cast for Compressive Strength Testing at intervals of 7 and 28 days. *Sampled on the North Curb @ Sta. 54+50.

On September 3, 2011 a representative of L&G Engineering Laboratory was dispatched to the referenced project to collect the cylindrical specimens cast on the North Curb. The specimens were delivered to the laboratory where they were stripped, labeled, and placed in a curing tank for testing at intervals of 7 and 28 days.

Remarks: ***All test results are reported to the Inspector Hector Cantu with Dos Logistics onsite or via telephone.**
Test Methods (If Applicable): ASTM C-231, ASTM C-143, ASTM C-1064, ASTM C-31, ASTM C-172

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

HIDALGO COUNTY
OCT 11 2011
DRAINAGE DISTRICT #1

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

CONCRETE COMPRESSION TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R112-28
Sample Date: 08/26/2011
Date Reported: 09/02/2011

Placement Location: South Curb @ Sta. 41+20
Mix ID: 6sk.Comm.20 Supplier: J III Concrete
Specified Strength: 3,000 P.S.I. @ 28 days
Specified Slump: N/A Slump: 3.75"
Specified Air Content: N/A Air Content: 2.8%
Weather Conditions: Humid, Cloudy, Light Rain Air Temp.: 97°f
Time Batched: 12:22 pm Time Sampled: 1:20 pm Concrete Temp.: 90°f
Plant Ticket No: 169968 Truck No: 192 CY: 7
Water: 0 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
53	A	09/02/2011	7	79,830	Type 3	2,820		94.00%
	B	09/02/2011	7	79,100	Type 2	2,800	2,810	93.33%
	C	09/23/2011	28	111,390	Type 3	3,940		131.33%
	D	09/23/2011	28	106,980	Type 3	3,780	3,860	126.00%

Remarks/Comments:
6 x 12 in. Cylinders; *Specification: Sheet C0703 (Revised 4/22/09): 3000PSI

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

HIDALGO COUNTY
OCT 11 2011
DRAINAGE DISTRICT #1

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

CONCRETE COMPRESSION TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R113-28
Sample Date: 08/29/2011
Date Reported: 09/05/2011

Placement Location: South Curb @ Sta. 37+50
Mix ID: 6sk.Comm.20 Supplier: J III Concrete
Specified Strength: 3,000 P.S.I. @ 28 days
Specified Slump: N/A Slump: 4.5"
Specified Air Content: N/A Air Content: 1.6%
Weather Conditions: Clear. Calm & Sunny Air Temp.: 98°f
Time Batched: 12:31 pm Time Sampled: 1:30 pm Concrete Temp.: 93°f
Plant Ticket No: 170051 Truck No: 177 CY: 7
Water: 10 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
54	A	09/05/2011	7	95,920	Type 4	3,390		113.00%
	B	09/05/2011	7	87,750	Type 3	3,100	3,250	103.33%
	C	09/26/2011	28	123,860	Type 3	4,380		146.00%
	D	09/26/2011	28	110,470	Type 3	3,910	4,140	130.33%

Remarks/Comments:
6 x 12 in. Cylinders; *Specification: Sheet C0703 (Revised 4/22/09): 3000PSI

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

HIDALGO COUNTY
OCT 11 2011
DRAINAGE DISTRICT #1

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

CONCRETE COMPRESSION TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R114-28
Sample Date: 08/30/2011
Date Reported: 09/06/2011

Placement Location: North Curb @ Sta. 49+00
Mix ID: 6sk.Comm.20 Supplier: J III Concrete
Specified Strength: 3,000 P.S.I. @ 28 days
Specified Slump: N/A Slump: 5.25"
Specified Air Content: N/A Air Content: 1.9%
Weather Conditions: Sunny & Clear Air Temp.: 98°f
Time Batched: 12:26 pm Time Sampled: 1:40 pm Concrete Temp.: 91°f
Plant Ticket No: 170104 Truck No: 167 CY: 7
Water: 10 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
55	A	09/06/2011	7	87,850	Type 3	3,110		103.67%
	B	09/06/2011	7	63,460	Type 5	2,240	2,680	74.67%
	C	09/27/2011	28	117,190	Type 2	4,140		138.00%
	D	09/27/2011	28	123,770	Type 3	4,380	4,260	146.00%

Remarks/Comments:
6 x 12 in. Cylinders; *Specification: Sheet C0703 (Revised 4/22/09): 3000PSI

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

HIDALGO COUNTY
OCT 11 2011
DRAINAGE DISTRICT #1

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

REPORT OF SITE VISIT
TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R115
Sample Date: 09/06/2011
Date Reported: 09/06/2011

On September 6, 2011 a representative of L&G Engineering Laboratory was dispatched to DHS Segment 6B & C to perform testing and inspection on the placement of ready-mixed concrete on the North Curb.

Specimen Number 58 was obtained and tested at 1:35 PM, and the following were determined:

Concrete Temp:	87°f	N/A (Specification)	**Entrapped/Entrained Air Content:**	2.2%	N/A (Specification)
Ambient Temp:	92°f	N/A (Specification)	**Slump:**	3 3/4 inches	N/A (Specification)

From Specimen Number 58, a total of four (4) 6x12 cylindrical test specimens were cast for Compressive Strength Testing at intervals of 7 and 28 days. *Sampled at the North Curb @ Sta. 53+00.

On September 7, 2011 a representative of L&G Engineering Laboratory was dispatched to the referenced project to collect the cylindrical specimens cast on the North Curb. The specimens were delivered to the laboratory where they were stripped, labeled, and placed in a curing tank for testing at intervals of 7 and 28 days.

Remarks: ***All test results are reported to the Inspector Hector Cantu with Dos Logistics on site or via telephone.**
Test Methods (If Applicable): ASTM C-231, ASTM C-143, ASTM C-1064, ASTM C-31, ASTM C-172

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

HIDALGO COUNTY
OCT 1 1 2011
DRAINAGE DISTRICT #1

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

REPORT OF SITE VISIT
TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R116
Sample Date: 09/07/2011
Date Reported: 09/07/2011

On September 7, 2011 a representative of L&G Engineering Laboratory was dispatched to DHS Segment 6B & C to perform testing and inspection on the placement of ready-mixed concrete on the North Curb.

Specimen Number 59 was obtained and tested at 1:20 PM, and the following were determined:

Concrete Temp:	85°f	N/A (Specification)	**Entrapped/Entrained Air Content:**	1.8%	N/A (Specification)
Ambient Temp:	94°f	N/A (Specification)	**Slump:**	4 1/4 inches	N/A (Specification)

From Specimen Number 59, a total of four (4) 6x12 cylindrical test specimens were cast for Compressive Strength Testing at intervals of 7 and 28 days. *Sampled on the North Curb @ Sta. 52+00.

On September 8, 2011 a representative of L&G Engineering Laboratory was dispatched to the referenced project to collect the cylindrical specimens cast on the North Curb. The specimens were delivered to the laboratory where they were stripped, labeled, and placed in a curing tank for testing at intervals of 7 and 28 days.

Remarks: ***All test results are reported to the Inspector Hector Cantu with Dos Logistics onsite or via telephone.**
Test Methods (If Applicable): ASTM C-231, ASTM C-143, ASTM C-1064, ASTM C-31, ASTM C-172

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

HIDALGO COUNTY
OCT 11 2011
DRAINAGE DISTRICT #1

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

CONCRETE COMPRESSION TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R117-28
Sample Date: 08/31/2011
Date Reported: 09/08/2011

Placement Location: North Curb @ Sta. 48+00
Mix ID: 6sk.Comm.20 Supplier: J III Concrete
Specified Strength: 3,000 P.S.I. @ 28 days
Specified Slump: N/A Slump: 4.0"
Specified Air Content: N/A Air Content: 1.9%
Weather Conditions: Cloudy & Drizzle Air Temp.: 94°f
Time Batched: 12:22 pm Time Sampled: 1:35 pm Concrete Temp.: 92°f
Plant Ticket No: 170148 Truck No: 199 CY: 7
Water: 0 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
56	A	09/07/2011	7	110,030	Type 4	3,890		129.67%
	B	09/07/2011	7	111,160	Type 4	3,930	3,910	131.00%
	C	09/28/2011	28	135,670	Type 3	4,800		160.00%
	D	09/28/2011	28	133,210	Type 2	4,710	4,750	157.00%

Remarks/Comments:
6 x 12 in. Cylinders; *Specification Sheet C0703 (Revised 4/22/09): 3000PSI

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

HIDALGO COUNTY
OCT 11 2011
DRAINAGE DISTRICT #1

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

CONCRETE COMPRESSION TEST REPORT

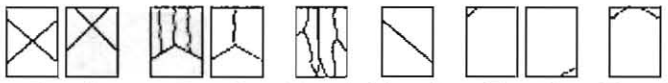
Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R118-28
Sample Date: 09/02/2011
Date Reported: 09/09/2011

Placement Location: North Curb @ Sta. 54+50
Mix ID: 6sk.Comm.20 Supplier: J III Concrete
Specified Strength: 3,000 P.S.I. @ 28 days
Specified Slump: N/A Slump: 5.25"
Specified Air Content: N/A Air Content: 1.7%
Weather Conditions: Clear & Sunny Air Temp.: 97°f
Time Batched: 12:20 pm Time Sampled: 1:15 pm Concrete Temp.: 93°f
Plant Ticket No: 170253 Truck No: 166 CY: 7
Water: 0 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
57	A	09/09/2011	7	80,410	Type 3	2,840		94.67%
	B	09/09/2011	7	81,210	Type 3	2,870	2,860	95.67%
	C	09/30/2011	28	104,450	Type 3	3,690		123.00%
	D	09/30/2011	28	97,700	Type 3	3,460	3,570	115.33%



Remarks/Comments:
6 x 12 in. Cylinders; *Specification: Sheet C0703 (Revised 4/22/09): 3000PSI

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

HIDALGO COUNTY
OCT 11 2011
DRAINAGE DISTRICT #1

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

REPORT OF SITE VISIT
TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R119
Sample Date: 09/08/2011
Date Reported: 09/08/2011

On September 8, 2011 a representative of L&G Engineering Laboratory was dispatched to DHS Segment 6B & C to perform testing and inspection on the placement of ready-mixed concrete on the South Curb.

Specimen Number 60 was obtained and tested at 1:30 PM, and the following were determined:

Concrete Temp:	87°f	N/A (Specification)	**Entrapped/Entrained Air Content:**	2%	N/A (Specification)
Ambient Temp:	95°f	N/A (Specification)	**Slump:**	4 1/2 inches	N/A (Specification)

From Specimen Number 60, a total of four (4) 6x12 cylindrical test specimens were cast for Compressive Strength Testing at intervals of 7 and 28 days. *Sampled at the South Curb @ Sta. 51+00.

On September 9, 2011 a representative of L&G Engineering Laboratory was dispatched to the referenced project to collect the cylindrical specimens cast on the South Curb. The specimens were delivered to the laboratory where they were stripped, labeled, and placed in a curing tank for testing at intervals of 7 and 28 days.

Remarks: ***All test results are reported to the Inspector Hector Cantu with Dos Logistics on site or via telephone.**
Test Methods (If Applicable): ASTM C-231, ASTM C-143, ASTM C-1064, ASTM C-31, ASTM C-172

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

HIDALGO COUNTY
OCT 1 1 2011
DRAINAGE DISTRICT #1

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

REPORT OF SITE VISIT
TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R120
Sample Date: 09/09/2011
Date Reported: 09/09/2011

On September 9, 2011 a representative of L&G Engineering Laboratory was dispatched to DHS Segment 6B & C to perform testing and inspection on the placement of ready-mixed concrete on the North Curb.

Specimen Number 61 was obtained and tested at 2:45 PM, and the following were determined:

Concrete Temp:	86°f	N/A (Specification)	**Entrapped/Entrained Air Content:**	2.5%	N/A (Specification)
Ambient Temp:	97°f	N/A (Specification)	**Slump:**	4 inches	N/A (Specification)

From Specimen Number 61, a total of four (4) 6x12 cylindrical test specimens were cast for Compressive Strength Testing at intervals of 7 and 28 days. *Sampled at the North Curb @ Sta. 49+50.

On September 10, 2011 a representative of L&G Engineering Laboratory was dispatched to the referenced project to collect the cylindrical specimens cast on the North Curb. The specimens were delivered to the laboratory where they were stripped, labeled, and placed in a curing tank for testing at intervals of 7 and 28 days.

Remarks: ***All test results are reported to the Inspector Hector Cantu with Dos Logistics on site or via telephone.**
Test Methods (If Applicable): ASTM C-231, ASTM C-143, ASTM C-1064, ASTM C-31, ASTM C-172

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

HIDALGO COUNTY
OCT 11 2011
DRAINAGE DISTRICT #1

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES. NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

REPORT OF SITE VISIT
TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R121
Sample Date: 09/12/2011
Date Reported: 09/12/2011

On September 12, 2011 a representative of L&G Engineering Laboratory was dispatched to DHS Segment 6B & C to perform testing and inspection on the placement of ready-mixed concrete on the South Curb.

Specimen Number 62 was obtained and tested at 1:45 PM, and the following were determined:

Concrete Temp:	88°f	N/A (Specification)	**Entrapped/Entrained Air Content:**	3.1%	N/A (Specification)
Ambient Temp:	97°f	N/A (Specification)	**Slump:**	3 inches	N/A (Specification)

From Specimen Number 62, a total of four (4) 6x12 cylindrical test specimens were cast for Compressive Strength Testing at intervals of 7 and 28 days. *Sampled at the South Curb @ Sta. 51+50.

On September 12, 2011 a representative of L&G Engineering Laboratory was dispatched to the referenced project to collect the cylindrical specimens cast on the South Curb. The specimens were delivered to the laboratory where they were stripped, labeled, and placed in a curing tank for testing at intervals of 7 and 28 days.

Remarks: ***All test results are reported to the Inspector Hector Cantu with Dos Logistics on site or via telephone.**
Test Methods (If Applicable):ASTM C-231, ASTM C-143, ASTM C-1064, ASTM C-31, ASTM C-172

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

HIDALGO COUNTY
OCT 11 2011
DRAINAGE DISTRICT #1

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

CONCRETE COMPRESSION TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R122
Sample Date: 09/06/2011
Date Reported: 09/13/2011

Placement Location: North Curb @ Sta. 53+00
Mix ID: 6sk.Comm.20 Supplier: J III Concrete
Specified Strength: 3,000 P.S.I. @ 28 days
Specified Slump: N/A Slump: 3.75"
Specified Air Content: N/A Air Content: 2.2%
Weather Conditions: Clear & Calm Air Temp.: 92°f
Time Batched: 12:29 pm Time Sampled: 1:35 pm Concrete Temp.: 87°f
Plant Ticket No: 170345 Truck No: 177 CY: 7
Water: 0 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
58	A	09/13/2011	7	100,620	Type 3	3,560		118.67%
	B	09/13/2011	7	109,310	Type 3	3,870	3,710	129.00%

Remarks/Comments:
6 x 12 in. Cylinders; *Specification: Sheet C0703 (Revised 4/22/09): 3000PSI

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

HIDALGO COUNTY
OCT 11 2011
DRAINAGE DISTRICT #1

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

CONCRETE COMPRESSION TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R123
Sample Date: 09/07/2011
Date Reported: 09/14/2011

Placement Location: North Curb @ Sta. 52+00
Mix ID: 6sk.Comm.20 Supplier: J III Concrete
Specified Strength: 3,000 P.S.I. @ 28 days
Specified Slump: N/A Slump: 4.25"
Specified Air Content: N/A Air Content: 1.8%
Weather Conditions: Clear & Calm Air Temp.: 94°f
Time Batched: 12:26 pm Time Sampled: 1:20 pm Concrete Temp.: 85°f
Plant Ticket No: 170393 Truck No: 199 CY: 8
Water: 0 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
59	A	09/14/2011	7	96,380	Type 3	3,410		113.67%
	B	09/14/2011	7	98,390	Type 3	3,480	3,440	116.00%

Remarks/Comments:
6 x 12 in. Cylinders; *Specification: Sheet C0703 (Revised 4/22/09): 3000PSI

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

HIDALGO COUNTY
OCT 11 2011
DRAINAGE DISTRICT #1

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R124
Sample Date: 09/15/2011
Date Reported: 09/15/2011

Specification No.	Specification Required % Proctor	Moisture Tolerance Minimum	Moisture Tolerance Maximum
1	95	10.0	15.0

Proctor No	Optimum % Moisture	Opt. Density, LB/CF
SVB #1	12.0	120.0

Material Description Salvage Base

Test No.	Test Location	Proctor No	Spec. No.	Moisture Content	Dry Density	Percent Compaction	Inches
1	Landside @ Sta. 43+50	SVB #1	1	**10.7%**	**122.9 pcf**	**102.4% (Pass)**	**6"**
2	Landside @ Sta. 45+00	SVB #1	1	**10.0%**	**118.2 pcf**	**98.5% (Pass)**	**6"**
3	Landside @ Sta. 47+50	SVB #1	1	**11.7%**	**124.6 pcf**	**103.8% (Pass)**	**6"**
4	Landside @ Sta. 50+00	SVB #1	1	**10.6%**	**118.3 pcf**	**98.6% (Pass)**	**6"**

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

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

HIDALGO COUNTY
OCT 11 2011
DRAINAGE DISTRICT #1

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

CONCRETE COMPRESSION TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R125
Sample Date: 09/08/2011
Date Reported: 09/15/2011

Placement Location: South Curb @ Sta. 51+00
Mix ID: 6sk.Comm.20 Supplier: J III Concrete
Specified Strength: 3,000 P.S.I. @ 28 days
Specified Slump: N/A Slump: 4.5"
Specified Air Content: N/A Air Content: 2.0%
Weather Conditions: Clear & Sunny Air Temp.: 95°f
Time Batched: 12:18 pm Time Sampled: 1:30 pm Concrete Temp.: 87°f
Plant Ticket No: 170453 Truck No: 183 CY: 7
Water: 5 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
60	A	09/15/2011	7	120,560	Type 2	4,260		142.00%
	B	09/15/2011	7	127,020	Type 3	4,490	4,380	149.67%

Remarks/Comments:
6 x 12 in. Cylinders; *Specification: Sheet C0703 (Revised 4/22/09): 3000PSI

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

HIDALGO COUNTY
OCT 11 2011
DRAINAGE DISTRICT #1

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

CONCRETE COMPRESSION TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R126
Sample Date: 09/09/2011
Date Reported: 09/16/2011

Placement Location: North Curb @ Sta. 49+50
Mix ID: 6sk.Comm.20 Supplier: J III Concrete
Specified Strength: 3,000 P.S.I. @ 28 days
Specified Slump: N/A Slump: 4.0"
Specified Air Content: N/A Air Content: 2.5%
Weather Conditions: Clear & Calm Air Temp.: 97°f
Time Batched: 1:44 pm Time Sampled: 2:45 pm Concrete Temp.: 86°f
Plant Ticket No: 170589 Truck No: 190 CY: 8.50
Water: 0 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
61	A	09/16/2011	7	71,880	Type 4	2,540		84.67%
	B	09/16/2011	7	73,050	Type 3	2,580	2,560	86.00%

Remarks/Comments:
6 x 12 in. Cylinders; *Specification: Sheet C0703 (Revised 4/22/09): 3000PSI

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

HIDALGO COUNTY
OCT 11 2011
DRAINAGE DISTRICT #1

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R127
Sample Date: 09/16/2011
Date Reported: 09/16/2011

Specification No.	Specification Required % Proctor	Moisture Tolerance Minimum	Moisture Tolerance Maximum
1	95	10.0	15.0

Proctor No	Optimum % Moisture	Opt. Density, LB/CF
SVB #1	12.0	120.0

Material Description Base Material

Test No.	Test Location	Proctor No	Spec. No.	Moisture Content	Dry Density	Percent Compaction	Inches
1	Landside @ Sta. 52+50 8' N. of Retaining Wall	SVB #1	1	**10.9%**	**115.2 pcf**	**96.0% (Pass)**	**6"**
2	Landside @ Sta. 57+50 5' N. of Retaining Wall	SVB #1	1	**11.2%**	**114.3 pcf**	**95.3% (Pass)**	**6"**

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

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

HIDALGO COUNTY
OCT 11 2011
DRAINAGE DISTRICT #1

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

CONCRETE COMPRESSION TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R128
Sample Date: 09/12/2011
Date Reported: 09/19/2011

Placement Location: South Curb @ Sta. 51+50
Mix ID: 6sk.Comm.20 Supplier: J III Concrete
Specified Strength: 3,000 P.S.I. @ 28 days
Specified Slump: N/A Slump: 3.0"
Specified Air Content: N/A Air Content: 3.1%
Weather Conditions: Hot & Clear Sky Air Temp.: 97°f
Time Batched: 12:26 pm Time Sampled: 1:45 pm Concrete Temp.: 88°f
Plant Ticket No: 170727 Truck No: 195 CY: 5
Water: 0 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
62	A	09/19/2011	7	89,510	Type 3	3,170		105.67%
	B	09/19/2011	7	91,060	Type 3	3,220	3,190	107.33%

Remarks/Comments:
6 x 12 in. Cylinders; *Specification: Sheet C0703 (Revised 4/22/09): 3000PSI

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

HIDALGO COUNTY
OCT 11 2011
DRAINAGE DISTRICT #1

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

CONCRETE COMPRESSION TEST REPORT

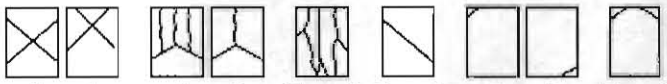
Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R104-28
Sample Date: 08/22/2011
Date Reported: 09/19/2011

Placement Location: North Curb @ Sta. 39+50
Mix ID: 6sk.Comm.20 Supplier: J III Concrete
Specified Strength: 3,000 P.S.I. @ 28 days
Specified Slump: N/A Slump: 4.0"
Specified Air Content: N/A Air Content: 1.8%
Weather Conditions: Clear & Cool Air Temp.: 87°f
Time Batched: 8:23 am Time Sampled: 9:27 am Concrete Temp.: 95°f
Plant Ticket No: 288061 Truck No: 177 CY: 10
Water: 12 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
49	A	08/29/2011	7	83,590	Type 3	2,960		98.67%
	B	08/29/2011	7	85,620	Type 3	3,030	2,990	101.00%
	C	09/19/2011	28	121,790	Type 2	4,310		143.67%
	D	09/19/2011	28	116,800	Type 3	4,130	4,220	137.67%



Remarks/Comments:
6 x 12 in. Cylinders; *Specification: Sheet C0703 (Revised 4/22/09): 3000PSI

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Laboratory

HIDALGO COUNTY
OCT 11 2011
DRAINAGE DISTRICT #1

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

L & G Engineering Laboratory, LLC

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

Invoice

Date	2/8/2012
Invoice #	7726

Bill To	Ship To
Hidalgo County Drainage District #1 Mr. Godfrey Garza 902 N. Dolittle Edinburg, Texas 78541	USIBWC/DHS Hidalgo Protective Levee Improvements Project Segment 0-6B & 0-6C Wk. Auth. #46 Contract Amt. $24,877.36

Job #	Due Date
L871102	3/10/2012

Item	Description	Contract Amt	Prior Amt	Curr %	Total %	Amount
330	Construction Material Testing	24,877.36	23,633.49	5.00%	100.00%	1,243.87

L&G appreciates the opportunity to serve your Geotechnical & Construction Material Testing needs.

HIDALGO COUNTY
FEB 13 2012
DRAINAGE DISTRICT #1

Total	$1,243.87
Payments/Credits	$0.00
Balance Due	$1,243.87

L&G Engineering Laboratory
Construction Material Testing
Geotechnical Engineering

February 8, 2012

Mr. Godfrey Garza
Hidalgo County Drainage District
902 N. Doolittle
Edinburg, Texas 78541

Re: Work Authorization No. 46 – Construction Materials Testing for the USIBWC Hidalgo Protective Levee Improvement Project DHS Segment 0-6B – 0-6C (Sta. 6+72 to Sta.83+65) for Change Orders No. 44 and 45.

Dear Mr. Garza:

Attached for your approval are test reports and our invoice for Construction Materials Testing Services performed on the subject project thru November 14, 2011. The following are attached:

- L&G's Invoice
- Test Reports (R128-28 - 129)

FC 330 – CONSTRUCTION MATERIALS TESTING		% Complete
L&G Engineering Laboratory has completed all associated testing for ready-mixed concrete on the pavement curb at station 51+50 as indicated on the test reports. In addition, the hot mix asphalt pavement has been tested as indicated on the test reports. The construction phase of the project has been completed as per Dannenbaum Engineering. As such, there will be no further field and laboratory testing.	L&G	100%

If you have any questions or require additional information, please feel free to contact our office.

Respectfully Submitted,

Reza Badiozzamani, P.E.
Project Manager

HIDALGO COUNTY
FEB 13 20[illegible]
DRAINAGE DISTRICT #1

2100 W. Expressway 83 • Mercedes, TX 78570 • Office: (956) 565-0760 • Fax: (956) 565-6746
900 S. Stewart Rd., Ste. 9 • Mission, TX 78572 • Office: (956) 583-7117 • Fax: (956) 583-7116

L&G Engineering Laboratory
Construction Material Testing
Geotechnical Engineering

February 10, 2012

Mr. Godfrey Garza Jr.
District Manager
Hidalgo County Drainage District No. 1
902 N. Doolittle
Edinburg, Texas 78541

RE: Work Authorization No. 46 – Construction Materials Testing for the USIBWC Hidalgo Protective Levee Improvement Project DHS Segment 0-6B – 0-6C (Sta. 6+72 to Sta.83+65) for Change Orders No. 44 and 45.

Dear Mr. Garza:

L&G Engineering Laboratory, LLC has finalized all the construction materials testing required for the Hidalgo Protective Levee-DHS Segment 0-6B thru 0-6C of the USIBWC Levee Improvements Project. Contained in this binder are all of the test reports generated throughout the duration of the project. The reports are organized in sequential and chronological order for your convenience. This submittal serves as our final deliverable for the project. This project is complete and a final invoice is included herein (please see attached invoice number 7726 for Work Authorization #46).

If you have any questions or comments, please feel free to contact me at the L&G Engineering Laboratory office at 956-565-0760. We hope that we have filled all of your construction material testing needs, and we look forward to working with you again in the near future.

Respectfully Submitted,
L&G Engineering Laboratory, LLC

Ricardo A. Gil
General Laboratory Manager

Attachments

DRAINAGE DISTRICT #1
FEB 13 2012
HIDALGO COUNTY

2100 W. Expressway 83 • Mercedes, TX 78570 • Office: (956) 565-0760 • Fax: (956) 565-6746
900 S. Stewart Rd., Ste. 9 • Mission, TX 78572 • Office: (956) 583-7117 • Fax: (956) 583-7116

L&G ENGINEERING LABORATORY LLC
2100 W. Expressway 83
Mercedes, TX 78570
956-565-0760 fax 956-565-6746

HIDALGO COUNTY
FEB 13 2012
DRAINAGE DISTRICT #1

FINAL WAIVER AND LIEN RELEASE

DATE: 02/10/2012
PROJECT: WA #46 USIBWC Hidalgo Protective Levee Improvements/DHS Segment 0-6B – 0-6C (Sta. 6+72 to Sta. 83 + 65) for Change Orders No. 44 and 45.
OWNER: HCDD #1
FINAL PAYMENT: $1,243.87

UPON RECEIPT OF THIS PAYMENT, Owner does hereby certify and acknowledge that Subcontractor has been fully paid for all work and labor done by Owner and for all materials and services supplied by Subcontractor on the above project and that this payment, which includes all retainage released to the Subcontractor, represents the FINAL AND COMPLETE payment for work and/or labor done and all materials and services supplied on the above described project.

The undersigned hereby further certifies: There are no known mechanics, materialmen's, or laborer's liens or claims or any other liens or claims, legal or equitable, contractual, statutory, or constitutional, outstanding or known to exist as of the date referenced above and if any should arise in the future, the undersigned agrees to indemnify and hold the Owner and Contractor harmless from any and all such liens or claims, including attorney's fees and expenses; all due and payable bills with respect to the real property referenced above have been paid to date or are included in the amount requested in the current application and will be paid from this payment, and there is no known basis for the filing of any mechanics', materialman's, or laborer's lien or claim, or any other lien or claim, legal or equitable, contractual, statutory, or constitutional, on the real property referenced above. Subcontractor certifies that all waivers and releases from all subcontractors, laborers, and material men for work done and materials furnished have been obtained in such form as to constitute an effective waiver and release of all such liens under the Laws of the State of Texas.

SUBCONTRACTOR SWEARS THAT, WITH RECEIPT OF THE PAYMENT ASSOCIATED WITH THIS LIEN RELEASE, ALL OUTSTANDING BILLS ASSOCIATED WITH THIS LIEN RELEASE WILL BE PAID AT THIS TIME. FURTHER, SUBCONTRACTOR ACKNOWLEDGES THAT ALL FUNDS RECEIVED, TO THE APPROPRIATE AMOUNT, ARE RECEIVED IN TRUST FOR ALL SUBCONTRACTORS/SUPPLIERS THAT ARE OWED FUNDS BY HIM ON THIS PROJECT. SUBCONTRACTOR AGREES TO INDEMNIFY ANY PARTY RELYING UPON THIS AFFIDAVIT FOR ANY LOSS OR EXPENSE RESULTING FROM FALSE OR INCORRECT STATEMENTS IN THIS AFFIDAVIT.

UPON RECEIPT OF THIS PAYMENT, Subcontractor hereby releases in full all claims and liens Subcontractor has heretofore filed, if any, on such property for such work and/or material. Subcontractor hereby waives all rights, claims and liens on this project forever for such work done and all materials supplied by Subcontractor.

L&G ENGINEERING LABORATORY, LLC

Mariola G. Marin
Signature

2/10/12
Date

Printed Name/Title Mariola G. Marin Sec/Treas

STATE OF TEXAS

KNOW ALL MEN BY THESE PRESENTS:

COUNTY OF HIDLAGO

Before me, the undersigned authority, on this day personally appeared Mariola G. Marin, the Secretary-Treasurer (title) of L&G Engineering Laboratory LLC known to me to be the person and officer whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same for the purposes therein expressed and in the capacity therein stated.

Marie C. Bustamante

MARIE C. BUSTAMANTE
Notary Public, State of Texas
My Commission Expires
April 14, 2013

NOTARY PUBLIC in and for
THE STATE OF TEXAS

Printed Name: Marie C. Bustamante

My Commission Expires: April 14, 2013

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

CONCRETE COMPRESSION TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R128-28
Sample Date: 09/12/2011
Date Reported: 10/10/2011

Placement Location: South Curb @ Sta. 51+50
Mix ID: 6sk.Comm.20 Supplier: J III Concrete
Specified Strength: 3,000 P.S.I. @ 28 days
Specified Slump: N/A Slump: 3.0"
Specified Air Content: N/A Air Content: 3.1%
Weather Conditions: Hot & Clear Sky Air Temp.: 97°f
Time Batched: 12:26 pm Time Sampled: 1:45 pm Concrete Temp.: 88°f
Plant Ticket No: 170727 Truck No: 195 CY: 5
Water: 0 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
62	A	09/19/2011	7	89,510	Type 3	3,170		105.67%
	B	09/19/2011	7	91,060	Type 3	3,220	3,190	107.33%
	C	10/10/2011	28	115,780	Type 3	4,090		136.33%
	D	10/10/2011	28	123,930	Type 3	4,380	4,240	146.00%

Remarks/Comments:
6 x 12 in. Cylinders; *Specification: Sheet C0703 (Revised 4/22/09): 3000PSI

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
-cc SER (SER Construction Partners, LTD)
-cc Laboratory

HIDALGO COUNTY
FEB 13 2012
DRAINAGE DISTRICT #1

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

IS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF E QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO TED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

BITUMINOUS MIXTURE PROPERTIES
TEST REPORT

Project Description: Hidalgo County Drainage Dist. #1 Segment 6B&C
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871102
L&G Report Number: R129
Sample Date: 11/14/2011
Date Reported: 11/14/2011

Material Description: Hot Mix Asphalt Paving
Material Source: Frontera Materials
Specification: TxDOT Item 340 (Ty D)

Sieve Size	Result (% Passing)	Ty D Fine Surface Requirement
1/2"	100.0	100.0
3/8"	89.0	85 - 100
No. 4	59.4	50 - 70
No. 10	37.9	32 - 42
No. 40	26.8	11 - 26*
No. 80	17.6	4 - 14*
No. 200	3.2	1 - 6

Tex-236-F Asphalt Content (Ignition Method)

Asphalt Content = 5.6% **(design value)**

Tex-227-F Theoretical Maximum Specific Gravity of Bituminous Mixtures

(Rice Gravity) Gr = 2.390 **(design value)**

Tex-207-F Density of Compacted Bituminous Mixtures

(Bulk Specific Gravity) Ga = 2.314 **(design value)**
Density (%) = 96.8 **(96% + or - 1.5%)**

Remarks: *Sieve Analysis failed to meet project specifications.

rig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
cc SER (SER Construction Partners, LTD)
cc Laboratory

HIDALGO COUNTY
FEB 13 2012
DRAINAGE DISTRICT #1

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

S REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO ED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

L & G Engineering Laboratory, LLC

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

Invoice

Date	2/8/2012
Invoice #	7725

Bill To	Ship To
Hidalgo County Drainage District #1 Mr. Godfrey Garza 902 N. Dolittle Edinburg, Texas 78541	USIBWC /DHS Ext. to Donna Port of Entry Improvements Project (DHS Segment 0-7A) Wk. Auth. #44 Contract Amt. $25,371.10

Job #	Due Date
L871001	3/10/2012

Item	Description	Contract Amt	Prior Amt	Curr %	Total %	Amount
330	Construction Material Testing	25,371.10	24,102.57	5.00%	100.00%	1,268.56

L&G Engineering Laboratory appreciates the opportunity to serve your material testing needs.

Total	$1,268.56
Payments/Credits	$0.00
Balance Due	$1,268.56

HIDALGO COUNTY
FEB 13 2012
DRAINAGE DISTRICT #1

L&G Engineering Laboratory
Construction Material Testing
Geotechnical Engineering

February 8, 2012

Mr. Godfrey Garza
Hidalgo County Drainage District
902 N. Doolittle
Edinburg, Texas 78541

Re: USIBWC/DHS Extension to Donna Port of Entry Improvements Project (DHS Segment O-7 A) WA #44 Construction Materials Testing

Dear Mr. Garza:

Attached for your approval are test reports and our invoice for Construction Materials Testing Services performed on the subject project from December 2, 2011. The following are attached:

- L&G's Invoice
- Test Reports (R110- R113-28)

FC 330 – CONSTRUCTION MATERIALS TESTING		% Complete
L&G Engineering Laboratory has completed all associated testing for ready-mixed concrete on Security Drape foundation piers within the limits indicated on the test reports. In addition, laboratory & field testing of the proposed base material for the maintenance road has been completed. The construction phase of the project has been completed as per Dannenbaum Engineering. As such, there will be no further field & laboratory testing.	**L&G**	**100%**

If you have any questions or require additional information, please feel free to contact our office.

Respectfully Submitted,

Reza Badiozzamani, P.E.
Project Manager

HIDALGO COUNTY
FEB 13 2012
DRAINAGE DISTRICT #1

2100 W. Expressway 83 • Mercedes, TX 78570 • Office: (956) 565-0760 • Fax: (956) 565-6746
900 S. Stewart Rd., Ste. 9 • Mission, TX 78572 • Office: (956) 583-7117 • Fax: (956) 583-7116

L&G Engineering Laboratory
Construction Material Testing
Geotechnical Engineering

February 10, 2012

Mr. Godfrey Garza Jr.
District Manager
Hidalgo County Drainage District No. 1
902 N. Doolittle
Edinburg, Texas 78541

RE: USIBWC/DHS Extension to Donna Port of Entry Improvements Project (DHS Segment O-7 A) WA #44 Construction Materials Testing

Dear Mr. Garza:

L&G Engineering Laboratory, LLC has finalized all the construction materials testing required for WA #44-Donna Port of Entry Improvements/DHS Segment 0-7A) of the USIBWC Levee Improvements Project. Contained in this binder are all of the test reports generated throughout the duration of the project. The reports are organized in sequential and chronological order for your convenience. This submittal serves as our final deliverable for the project. This project is complete and a final invoice is included herein (please see attached invoice number 7725 for Work Authorization #44).

If you have any questions or comments, please feel free to contact me at the L&G Engineering Laboratory office at 956-565-0760. We hope that we have filled all of your construction material testing needs, and we look forward to working with you again in the near future.

Respectfully Submitted,
L&G Engineering Laboratory, LLC

Ricardo A. Gil
General Laboratory Manager

Attachments

HIDALGO COUNTY

FEB 13 2012

DRAINAGE DISTRICT #1

2100 W. Expressway 83 • Mercedes, TX 78570 • Office: (956) 565-0760 • Fax: (956) 565-6746
900 S. Stewart Rd., Ste. 9 • Mission, TX 78572 • Office: (956) 583-7117 • Fax: (956) 583-7116

L&G ENGINEERING LABORATORY LLC
2100 W. Expressway 83
Mercedes, TX 78570
956-565-0760 fax 956-565-6746

HIDALGO COUNTY
FEB 13 2012
DRAINAGE DISTRICT #1

FINAL WAIVER AND LIEN RELEASE

DATE: 02/10/2012
PROJECT: WA #44 USIBWC/DHS Extension to Donna Port of Entry (DHS Segment 0-7A)
OWNER: HCDD No. #1
FINAL PAYMENT: $1,268.56

UPON RECEIPT OF THIS PAYMENT, Owner does hereby certify and acknowledge that Subcontractor has been fully paid for all work and labor done by Owner and for all materials and services supplied by Subcontractor on the above project and that this payment, which includes all retainage released to the Subcontractor, represents the FINAL AND COMPLETE payment for work and/or labor done and all materials and services supplied on the above described project.

The undersigned hereby further certifies: There are no known mechanics, materialmen's, or laborer's liens or claims or any other liens or claims, legal or equitable, contractual, statutory, or constitutional, outstanding or known to exist as of the date referenced above and if any should arise in the future, the undersigned agrees to indemnify and hold the Owner and Contractor harmless from any and all such liens or claims, including attorney's fees and expenses; all due and payable bills with respect to the real property referenced above have been paid to date or are included in the amount requested in the current application and will be paid from this payment, and there is no known basis for the filing of any mechanics', materialman's, or laborer's lien or claim, or any other lien or claim, legal or equitable, contractual, statutory, or constitutional, on the real property referenced above. Subcontractor certifies that all waivers and releases from all subcontractors, laborers, and material men for work done and materials furnished have been obtained in such form as to constitute an effective waiver and release of all such liens under the Laws of the State of Texas.

SUBCONTRACTOR SWEARS THAT, WITH RECEIPT OF THE PAYMENT ASSOCIATED WITH THIS LIEN RELEASE, ALL OUTSTANDING BILLS ASSOCIATED WITH THIS LIEN RELEASE WILL BE PAID AT THIS TIME. FURTHER, SUBCONTRACTOR ACKNOWLEDGES THAT ALL FUNDS RECEIVED, TO THE APPROPRIATE AMOUNT, ARE RECEIVED IN TRUST FOR ALL SUBCONTRACTORS/SUPPLIERS THAT ARE OWED FUNDS BY HIM ON THIS PROJECT. SUBCONTRACTOR AGREES TO INDEMNIFY ANY PARTY RELYING UPON THIS AFFIDAVIT FOR ANY LOSS OR EXPENSE RESULTING FROM FALSE OR INCORRECT STATEMENTS IN THIS AFFIDAVIT.

UPON RECEIPT OF THIS PAYMENT, Subcontractor hereby releases in full all claims and liens Subcontractor has heretofore filed, if any, on such property for such work and/or material. Subcontractor hereby waives all rights, claims and liens on this project forever for such work done and all materials supplied by Subcontractor.

L&G ENGINEERING LABORATORY, LLC

Marisela G. Marin — 2/10/12

Signature — Date

Printed Name/Title: Marisela G. Marin Sec/Treas

STATE OF TEXAS

KNOW ALL MEN BY THESE PRESENTS:

COUNTY OF HIDLAGO

Before me, the undersigned authority, on this day personally appeared Marisela G. Marin, the Secretary/Treasurer (title) of L&G Engineering Laboratory LLC, known to me to be the person and officer whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same for the purposes therein expressed and in the capacity therein stated.

Marie C. Bustamante

NOTARY PUBLIC in and for
THE STATE OF TEXAS

Printed Name: Marie C. Bustamante

My Commission Expires: April 14, 2013

MARIE C. BUSTAMANTE
Notary Public, State of Texas
My Commission Expires
April 14, 2013

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

SIEVE ANALYSIS
TEST REPORT

Project Description: Extension to Donna Port of Entry Improvements Project DHS Segment 0-7A
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871001
L&G Report Number: R110
Sample Date: 09/29/2011
Date Reported: 09/29/2011

Field Number: Base M. #1
Material: Base Material

Sieve	% Retained	Low	High
2 in	0	0	0
1/2 in	22	20	60
No. 4	40	40	75
No. 40	**65**	**70**	**90**

Remarks: ***Hector Cantu (Inspector) was informed of failing Sieve Analysis.**
Test Method (As Applicable): Tex Method 110-E

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Dos Logistics Inc. Attn: Hugo Gonzalez, P.E.
1-cc Laboratory

HIDALGO COUNTY
FEB 13 2012
DRAINAGE DISTRICT #1

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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: Extension to Donna Port of Entry Improvements Project DHS Segment 0-7A
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871001
L&G Report Number: R111
Sample Date: 10/04/2011
Date Reported: 10/04/2011

Specification No.	Specification Required % Proctor	Moisture Tolerance Minimum	Moisture Tolerance Maximum
1	98	7.4	12.4

Proctor No	Optimum % Moisture	Opt. Density, LB/CF
BASE M. #1	9.4	125.0

Material Description Base Materials

Test No.	Test Location	Proctor No	Spec. No.	Moisture Content	Dry Density	Percent Compaction	Inches
1	Maintenance Rd. @ Sta. 0+75 SW Side of Canal	BASE M. #1	1	8.2%	129.9 pcf	103.9% (Pass)	6"
2	Maintenance Rd. @ Sta. 2+00 NW Side of Canal	BASE M. #1	1	8.7%	123.5 pcf	98.8% (Pass)	6"
3	Maintenance Rd. @ Sta. 1+25 NE Side of Canal	BASE M. #1	1	9.2%	129.0 pcf	103.2% (Pass)	6"
4	Maintenance Rd. @ Sta. 2+25 SE Side of Canal	BASE M. #1	1	8.9%	124.7 pcf	99.8% (Pass)	6"

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

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Dos Logistics Inc. Attn: Hugo Gonzalez, P.E.
1-cc Laboratory

HIDALGO COUNTY
FEB 13 2012
DRAINAGE DISTRICT #1

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

REPORT OF SITE VISIT
TEST REPORT

Project Description: Extension to Donna Port of Entry Improvements Project DHS Segment 0-7A
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871001
L&G Report Number: R112
Sample Date: 11/04/2011
Date Reported: 11/04/2011

On November 4, 2011 a representative of L&G Engineering Laboratory was dispatched to DHS Segment 7A to perform testing and inspection on the placement of ready-mixed concrete on the Drill Piers Security Drape @ Sta. 0+75.

Specimen Number 37 was obtained and tested at 3:55 PM, and the following were determined:

Concrete Temp:	81°f	N/A (Specification)	**Entrapped/Entrained Air Content:**	2.7%	N/A (Specification)
Ambient Temp:	75°f	N/A (Specification)	**Slump:**	4 1/4 inches	N/A (Specification)

From Specimen Number 37, a total of four (4) 6x12 cylindrical test specimens were cast for Compressive Strength Testing at intervals of 7 and 28 days. *Sampled at Drill Pier for Security Drape @ Sta. 0+75.

On November 5, 2011 a representative of L&G Engineering Laboratory was dispatched to the referenced project to collect the cylindrical specimens cast on the Drill Piers. The specimens were delivered to the laboratory where they were stripped, labeled, and placed in a curing tank for testing at intervals of 7 and 28 days.

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

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Dos Logistics Inc. Attn: Hugo Gonzalez, P.E.
1-cc Laboratory

HIDALGO COUNTY
FEB 13 2012
DRAINAGE DISTRICT #1

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

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

CONCRETE COMPRESSION TEST REPORT

Project Description: Extension to Donna Port of Entry Improvements Project DHS Segment 0-7A
Client: Hidalgo County Drainage District No. 1
Engineer: Dannenbaum Engineering Co., LLC
Contractor: SER Construction Partners, LTD

L&G Project Number: L871001
L&G Report Number: R113-28
Sample Date: 11/04/2011
Date Reported: 12/02/2011

Placement Location: Drill Pier for Security Drape @ Sta. 0+75
Mix ID: 6SK.COMM.20 Supplier: J III Concrete
Specified Strength: 4,000 P.S.I. @ 28 days
Specified Slump: N/A
Specified Air Content: N/A
Weather Conditions: Sunny Cool. Clear Sky
Time Batched: 3:21 pm Time Sampled: 3:55 pm
Plant Ticket No: 294575 Truck No: 198
Water: 0 gal.

Slump: 4.25"
Air Content: 2.7%
Air Temp.: 75°f
Concrete Temp.: 81°f
CY: 5

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
37	A	11/11/2011	7	127,425	Type 2	4,510		112.75%
	B	11/11/2011	7	132,235	Type 3	4,680	4,590	117.00%
	C	12/02/2011	28	178,125	Type 3	6,300		157.50%
	D	12/02/2011	28	179,400	Type 5	6,340	6,320	158.50%

Remarks/Comments:
6 x 12 in. Cylinders

Orig: Hidalgo County Drainage District No. 1
(Edinburg, TX) Attn: Godfrey Garza
(1-cc copy)
1-cc Dannenbaum Engineering Company (Dannenbaum Engineering
Attn: Richard Seitz, P.E.
1-cc SER (SER Construction Partners, LTD)
1-cc Dos Logistics Inc. Attn: Hugo Gonzalez, P.E.
1-cc Laboratory

HIDALGO COUNTY
FEB 13 2012
DRAINAGE DISTRICT #1

Respectfully Submitted,
L&G Engineering Laboratory

Orlando A. De Leon, Laboratory Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
REPORT CREATED BY ElmTree SYSTEM

Project Name:
Contractor:
Address:
City/State/Zip:

REQUEST FOR PAYMENT
DHS SEGMENT 0-6B & 0-6C (1.38 MILES)
SER CONSTRUCTION PARTNERS, LTD.
3635 Pasadena Blvd.
Pasadena, Texas 77503

REQUEST FOR PAYMENT NO. 21

Project Number: 4410-08 1.38 MILES
Date: 9/27/2011

CONTRACT NO. 08-017-09-02
WORK THRU: 8/26/11 - 9/25/11

PROGRESS BILLING WORKSHEET - NO. 1

ROSBEL E. RAMOS, PRESIDENT

ITEM NO	UNIT	TOTAL QUANTITY	BID UNIT PRICE	TOTAL BID PRICE	CHANGE ORDERS NO.	CHANGE ORDERS QTY. +/-	CHANGE ORDERS UNIT PRICE +/-	CHANGE ORDERS VARIANCE AMOUNT +/-	UNIT QTY. COMPLETE PRIOR INVOICES	UNIT QTY. COMPLETE THIS PERIOD	UNIT QTY. COMPLETE TO DATE	AMOUNT PRIOR INVOICES	AMOUNT COMPLETE TO DATE	AMOUNT DUE THIS INVOICE	BALANCE TO COMPLETE
TEMP EROSION CONTROL (FILTER FABRIC FENCE)	LF	14,600	$ 3.00	$ 43,800.00	21A,25,31 B,35	15,436.00	$ 3.00	$ 2,508.00	15,436.00	0.00	15,436.00	46,308.00	46,308.00	-	-
MOBILIZATION	LS	1	$ 1,100,000.00	$ 1,100,000.00				$ -	1.00	0.00	1.00	1,100,000.00	1,100,000.00	-	-
TEMP EROSION CONTROL (CONST EXIT / ENTER)	EA	2	$ 2,000.00	$ 4,000.00				$ -	2.00	0.00	2.00	4,000.00	4,000.00	-	-
REMOVE/STOCKPILE EXIST EMBANKMENT	CY	11,598	$ 10.00	$ 115,000.00	21A,25,31 B,35,36A 1,21A,23,2	13,838.00	$ 10.00	$ 23,380.00	13,838.00	0.00	13,838.00	138,380.00	138,380.00	-	-
RETAINING WALL (CAST-IN-PLACE)(STEM)	CY	5,260	$ 600.00	$ 3,156,000.00	1,21A,25,2 5,31B,34,3 6A,41,42,4 1	5,515.59	$ 599.660636769	$ 151,481.86	5,515.59	0.00	5,515.59	3,307,481.86	3,307,481.86	-	-
RETAINING WALL (CAST-IN-PLACE) (FOOTING)	CY	6,715	$ 550.00	$ 3,693,250.00	1,21A,25,2 7,31B,34,3 6A,41,42,4 1	7,290.30	$ 574.7280096	$ 486,686.17	7,290.30	0.00	7,290.30	4,189,946.18	4,189,946.17	-	-
RETAINING WALL (CAST-IN-PLACE) (KEY)	CY	938	$ 500.00	$ 469,000.00	21A,25,31 B,34, 41,42,43	992.67	$ 497.6938666058	$ 25,046.77	992.67	0.00	992.67	494,046.77	494,046.77	-	-
TRENCH EXCAVATION PROTECTION	LF	7,300	$ 1.00	$ 7,300.00	31B,36A	7,300.00	$ 1.00	$ -	7,300.00	0.00	7,300.00	7,300.00	7,300.00	-	-
TEMPORARY SPECIAL SHORING	SF	2,700	$ 2.00	$ 5,400.00	21A,31B	6,281.00	$ 2.00	$ 7,162.00	6,281.00	0.00	6,281.00	12,562.00	12,562.00	-	-
CONSTRUCT GATE WELL, STRUCTURE W/SLUICE GATE, HATCH, LADDER & APPURTENANCES. (8 ft x 10 ft)	EA	1	$ 120,000.00	$ 120,000.00				$ -	1.00	0.00	1.00	120,000.00	120,000.00	-	-
PERFORATED UNDERDRAIN PIPE (6 IN. SDR)	LF	7,300	$ 17.00	$ 124,100.00	21A,25,31 B,34,41	7,820.00	$ 17.009731958	$ 8,916.27	7,820.00	0.00	7,820.00	133,016.27	133,016.27	-	-
AGGREGATE DRAIN MATERIAL	CY	5,877	$ 98.00	$ 352,620.00	2,21A,25,3 1B,36,41	1,129.11	$ 59.9468606019	$ (264,933.40)	1,129.11	0.00	1,129.11	67,686.60	67,686.60	-	-
METAL BEAM GUARD FENCE	LF	6,240	$ 20.00	$ 124,800.00	5,35	386.00	$ 20.00	$ (115,520.00)	386.00	0.00	386.00	7,780.00	7,780.00	-	-
PREPARATION RIGHT OF WAY	STA	73	$ 10.00	$ 730.00				$ -	73.00	0.00	73.00	730.00	730.00	-	-
REMOVE EXIST. CONCRETE CURB (6 IN)	LF	5,072	$ 1.00	$ 5,072.00				$ -	5,072.00	0.00	5,072.00	5,072.00	5,072.00	-	-
REMOVED EXIST ASPHALT	SY	5,857	$ 7.00	$ 35,399.00				$ -	5,057.00	0.00	5,057.00	35,399.00	35,399.00	-	-
REMOVE EXIST STRUCTURES	EA	1	$ 3,000.00	$ 3,000.00				$ -	1.00	0.00	1.00	3,000.00	3,000.00	-	-
EMBANKMENT	CY				21A,25,30, 31B,34,35,										
EMBANKMENT (BORROW SITE)	CY	81,640	$ 20.00	$ 1,632,800.00	36A,41	162,587.50	$ 19.6413008380	$ 1,560,630.00	162,587.50	0.00	162,587.50	3,193,430.00	3,193,430.00	-	-
CONC. HIP RAP CL-B (SLOPE PROTECTION)	CY	75,800	$ 15.00	$ 1,125,000.00	30	6,667.00	$ 15.00	$ (1,024,995.00)	6,667.00	0.00	6,667.00	100,005.00	100,005.00	-	-
CONC. PAD (4 FT X 4 FT)	CY	2,000	$ 240.00	$ 480,000.00	19A,21A,2 5,31B,36A	585.87	$ 240.00	$ (239,391.20)	585.87	0.00	585.87	140,608.80	140,608.80	-	-
HOT MIX ASPHALT (2 IN)	EA	14	$ 400.00	$ 5,600.00				$ -	14.00	0.00	14.00	5,600.00	5,600.00	-	-
PRIME (HL-MC-30)	SY	4,958	$ 17.00	$ 84,286.00	42,45	4,958.00	$ 17.00	$ -	0.00	0.00	0.00	-	-	-	84,286.00
PAVEMENT MARKING	GAL	992	$ 7.00	$ 6,944.00	42,45	992.00	$ 7.00	$ -	0.00	0.00	0.00	-	-	-	6,944.00
FURNISHING & PLACING TOPSOIL (SALVAGED MATERIAL)	STA	20	$ 1,500.00	$ 30,000.00	21A,31B	23.00	$ 1,500.00	$ 4,500.00	23.00	0.00	23.00	34,500.00	34,500.00	-	6,000.00
FURNISHING & PLACING TOPSOIL (NEW)	STA	53	$ 1,700.00	$ 90,100.00	21A,35,31 B	58.00	$ 1,700.00	$ 8,500.00	58.00	0.00	58.00	98,600.00	98,600.00	-	-
FLEXBASE (SALVAGED MATERIAL) (CALICHE) (TY D GR 6) (8 IN)	CY	1,882	$ 9.00	$ 9,738.00	21A,31B	1,114.00	$ 9.00	$ 266.00	1,114.00	0.00	1,114.00	10,026.00	10,026.00	-	-
FLEXBASE (NEW) (CALICHE) (TY D GR 6) (8 IN)	CY	4,648	$ 30.00	$ 121,200.00	18,21A,2 5,31B	5,272.00	$ 30.00	$ 36,960.00	5,272.00	0.00	5,272.00	158,160.00	158,160.00	-	-
PROP. CONC. CURB (8 IN)	LF	7,830	$ 5.00	$ 39,150.00				$ -	4,850.00	0.00	4,850.00	24,250.00	24,250.00	-	-
HYDRO MULCH	SY	52,723	$ 0.80	$ 42,178.40	21A,25,31 B,35,36A	59,032.00	$ 0.80	$ 5,047.20	59,032.00	0.00	59,032.00	47,225.60	47,225.60	-	-
REINF. CONC. PIPE (12 IN) (CL. V)	LF	310	$ 350.00	$ 108,500.00	42	260.00	$ 350.00	$ (17,500.00)	260.00	0.00	260.00	91,000.00	91,000.00	-	-
CONC. HEADWALL (72 IN)	EA	2	$ 12,000.00	$ 24,000.00				$ -	2.00	0.00	2.00	24,000.00	24,000.00	-	-
BOLLARD (TRANSPORT FROM STAGING AREA & INSTALL PER PLANS) (6 FT.)	EA	1,079	$ 58.00	$ 63,661.00	10A	0.00	$ 58.00	$ (63,661.00)	0.00	0.00	0.00	-	-	-	-
BOLLARD (TRANSPORT FROM STAGING AREA & INSTALL PER PLANS) (8 FT.)	EA	442	$ 62.00	$ 27,404.00	10A	0.00	$ 62.00	$ (27,404.00)	0.00	0.00	0.00	-	-	-	-
BOLLARD (TRANSPORT FROM STAGING AREA & INSTALL PER PLANS) (7 FT.)	EA	196	$ 74.00	$ 14,504.00	10A,17A	432.00	$ 34.10	$ 227.20	432.00	0.00	432.00	14,731.20	14,731.20	-	-
BOLLARD (TRANSPORT FROM STAGING AREA & INSTALL PER PLANS) (8 FT.)	EA	687	$ 87.00	$ 59,769.00	10A	695.00	$ 87.00	$ 696.00	695.00	0.00	695.00	60,465.00	60,465.00	-	-
BOLLARD (TRANSPORT FROM STAGING AREA & INSTALL PER PLANS) (9 FT.)	EA	1,128	$ 100.00	$ 112,800.00	10A	1,147.00	$ 100.00	$ 1,900.00	1,147.00	0.00	1,147.00	114,700.00	114,700.00	-	-
BOLLARD (TRANSPORT FROM STAGING AREA & INSTALL PER PLANS) (10 FT.)	EA	2,961	$ 102.00	$ 302,022.00	10A,17A,2 1A,31B,35, 36A	2,849.00	$ 102.00	$ (11,424.00)	2,849.00	0.00	2,849.00	290,598.00	290,598.00	-	-
BOLLARD (TRANSPORT FROM STAGING AREA & INSTALL PER PLANS) (12 FT.)	EA	456	$ 110.00	$ 50,160.00	10A	477.00	$ 110.00	$ 2,310.00	477.00	0.00	477.00	52,470.00	52,470.00	-	-
BOLLARD (TRANSPORT FROM STAGING AREA & INSTALL PER PLANS) (20FT.)	EA	554	$ 276.00	$ 152,904.00	10A,17A,2 1A,25,34,3 5,36A,41	1,221.00	$ 232.373464373	$ 130,824.00	1,221.00	0.00	1,221.00	283,728.00	283,728.00	-	-
BOLLARD (SUPPLY, CUT & WELD ANGLE IRON SUPORTS) 14 IN X 4 IN X 1/4 IN 8 FT)	LF	8,297	$ 24.00	$ 199,068.00	10A,17A,2 1A,25,34	7,749.00	$ 24.00	$ (10,992.00)	7,749.00	0.00	7,749.00	185,976.00	185,976.00	-	-
SIGN (REMOVE & REPLACE)	EA	5	$ 240.00	$ 1,200.00				$ -	5.00	0.00	5.00	1,200.00	1,200.00	-	-
SIGN (REMOVE & RELOCATE)	EA	22	$ 360.00	$ 7,920.00				$ -	22.00	0.00	22.00	7,920.00	7,920.00	-	-
FLAP GATES W/ WALL PIPE & TSE (48 IN.)	EA	14	$ 2,000.00	$ 28,000.00				$ -	14.00	0.00	14.00	28,000.00	28,000.00	-	-
CAT OPENING	EA	2	$ 500.00	$ 1,000.00	21A,25,42	0.00	$ 500.00	$ (1,000.00)	0.00	0.00	0.00	-	-	-	-
ANTI CLIMBING FENCE	LF	2	$ 10,000.00	$ 20,000.00	21A,25,35	7.00	$ 10,000.00	$ 50,000.00	7.00	0.00	7.00	70,000.00	70,000.00	-	-
48" STAND PIPE (TO BE CAPPED IN PLACE)	EA	1	$ 6,000.00	$ 6,000.00				$ -	1.00	0.00	1.00	6,000.00	6,000.00	-	-
SHEET WALL DRAIN MATERIAL	SF				2, 21A,25,31 B,34, 41	59,541.00	$ 3.262858642	$ 226,902.51	59,541.00	0.00	59,541.00	226,902.51	226,902.51	-	-
ADVANCE FLEX TO MFP	LS	0	$ -	$ -	7A	1.00	$ 16,505.80	$ 16,505.80	1.00	0.00	1.00	16,505.80	16,505.80	-	-
REMOVE CONCRETE HEADWALL	EA	0	$ -	$ -	15	1.00	$ 1,250.00	$ 1,250.00	1.00	0.00	1.00	1,250.00	1,250.00	-	-
CONSTRUCT CONC. RETE HEADWALL	EA	0	$ -	$ -	15	1.00	$ 5,500.00	$ 5,500.00	1.00	0.00	1.00	5,500.00	5,500.00	-	-
PRE-CAST 36" 45 DEG. RCP BEND	EA	0	$ -	$ -	15	1.00	$ 1,800.00	$ 1,800.00	1.00	0.00	1.00	1,800.00	1,800.00	-	-
36" RCP CLASS V	LF	0	$ -	$ -	15	38.00	$ 150.00	$ 5,700.00	38.00	0.00	38.00	5,700.00	5,700.00	-	-
BOLLARD (TRANSPORT FROM STAGING AREA & FABRICATE (10')	EA	0	$ -	$ -	17A	120.00	$ 62.10	$ 7,452.00	120.00	0.00	120.00	7,452.00	7,452.00	-	-
STONE HIP RAP (24" THICK) (TY B) (DRY)	CY	0	$ -	$ -	19A	3,956.00	$ 90.00	$ 356,040.00	3,956.00	0.00	3,956.00	356,040.00	356,040.00	-	-
WELD AN ADDITIONAL 18" BOLLARD (TRANSPORT & WELD)	EA	0	$ -	$ -	22,33A	40.00	$ 775.38	$ 31,055.20	40.00	0.00	40.00	31,055.20	31,055.20	-	-
FLEXBASE (NEW) (CALICHE) (TY D GR 6) (8 IN) (RAMP)	CY	0	$ -	$ -	21A,25,31 B,35,36A	476.00	$ 30.00	$ 14,280.00	476.00	0.00	476.00	14,280.00	14,280.00	-	-
CONCRETE HEADER	LF	0	$ -	$ -	21A,25,35, 36A	184.00	$ 140.79	$ 25,905.36	184.00	0.00	184.00	25,905.36	25,905.36	-	-
TEMPORARY CHAIN LINK (FENCE (8 FT)	LF	0	$ -	$ -	21A	79.00	$ 58.00	$ 4,582.00	79.00	0.00	79.00	4,582.00	4,582.00	-	-
CONCRETE (ROLLARD FOUNDATION)	CY	0	$ -	$ -	25,29	217.00	$ 486.68	$ 105,609.56	217.00	0.00	217.00	105,609.56	105,609.56	-	-
DOUBLE SWING GATE (20 F T)	EA	0	$ -	$ -	25,29,42	0.00	$ 2,160.00	$ -	0.00	0.00	0.00	-	-	-	-
REMOVE CHAIN LINK FENCE	LS	0	$ -	$ -	25	1.00	$ 200.00	$ 200.00	1.00	0.00	1.00	200.00	200.00	-	-
REMOVE EXISTING CURB AND GUTTER	SY	0	$ -	$ -	25	5.00	$ 50.00	$ 250.00	5.00	0.00	5.00	250.00	250.00	-	-
DUCTILE IRON PIPE EXTENSION (6 IN)	LF	0	$ -	$ -	25	23.00	$ 40.00	$ 920.00	23.00	0.00	23.00	920.00	920.00	-	-
CHAIN LINK FENCE (8 FT)	LF	0	$ -	$ -	25,42	0.00	$ 40.00	$ -	0.00	0.00	0.00	-	-	-	-
HEADWALL FOR FLAP GATES	LS	0	$ -	$ -	25,35	2.00	$ 600.00	$ 1,200.00	2.00	0.00	2.00	1,200.00	1,200.00	-	-
REMOVE AND RESET FLAP GATE	EA	0	$ -	$ -	25,35	2.00	$ 300.00	$ 600.00	2.00	0.00	2.00	600.00	600.00	-	-
REMOVE & RECONSTRUCT OF RETAINING WALL CAP (3 FT CAP) (SALVAGED EXISTING VERTICAL AND HORIZONTAL REINFORCING STEEL)	LF	0	$ -	$ -	25	150.00	$ 127.00	$ 19,050.00	150.00	0.00	150.00	19,050.00	19,050.00	-	-
PEDESTRIAN SAFETY FENCE	LF	0	$ -	$ -	26,36	25,323.00	$ 16.11	$ 456,283.53	25,323.00	0.00	25,323.00	456,283.53	456,283.53	-	-
REMOVE, EXIST. PIPE (48 IN)	EA	0	$ -	$ -	31B	1.00	$ 3,885.05	$ 3,885.05	1.00	0.00	1.00	3,885.05	3,885.05	-	-
REMOVE, EXIST. HEADWALL (48 IN)	EA	0	$ -	$ -	31B	2.00	$ 2,715.41	$ 5,430.82	2.00	0.00	2.00	5,430.82	5,430.82	-	-
REMOVE / SALVAGED (EXIST SLUICE GATE & APPURTENANCES) (18 IN) (RCP)	EA	0	$ -	$ -	31B	1.00	$ 563.07	$ 563.07	1.00	0.00	1.00	563.07	563.07	-	-
REINF. CONC. BOX (7 FT X 5 FT)	LF	0	$ -	$ -	31B,36A	621.00	$ 262.35	$ 162,940.35	621.00	0.00	621.00	162,940.35	162,940.35	-	-
CANAL BYPASS 69 CVS	LS	0	$ -	$ -	31B	1.00	$ 188,174.13	$ 188,174.13	1.00	0.00	1.00	188,174.13	188,174.13	-	-
CONC. HEADWALL (5 FT X 5 FT RCB) (STRAIGHT WING)	EA	0	$ -	$ -	35,36A	3.00	$ 7,002.00	$ 21,006.00	3.00	0.00	3.00	21,006.00	21,006.00	-	-
CONC. HEADWALL (5 FT X 5 FT RCB) (SPECIAL)	CY	0	$ -	$ -	35,36A	45.00	$ 430.868	$ 19,794.96	45.00	0.00	45.00	19,794.96	19,794.96	-	-
CONSTRUCT GATE WELL, STRUCTURE W/SLUICE GATE, GRATE, & LADDER (8 FT X 6 FT)	EA	0	$ -	$ -	31B,36A	3.00	$ 117,803.98	$ 353,411.94	3.00	0.00	3.00	353,411.94	353,411.94	-	-
REMOVE EXIST. PIPE (24 IN)	EA	0	$ -	$ -	31B	1.00	$ 1,871.17	$ 1,871.17	1.00	0.00	1.00	1,871.17	1,871.17	-	-
ANTI-CLIMBING FENCE PANEL (OWNER FURNISHED)	LS	0	$ -	$ -	33A	1.00	$ 3,185.01	$ 3,185.01	1.00	0.00	1.00	3,185.01	3,185.01	-	-
REINF CONC PIPE (24 IN) (CL V)	LF	0	$ -	$ -	31B,36A	0.00	$ 150.12	$ -	0.00	0.00	0.00	-	-	-	-
BOLLARD (TRANSPORT FROM STAGING AREA & INSTALL PER PLANS) (14FT)	EA	0	$ -	$ -	31B,35	0.00	$ 130.00	$ -	0.00	0.00	0.00	-	-	-	-
GENERATOR RENTAL COSTS	EA	91	$ 1.00	$ 91.00	37	1.00	$ 55,348.00	$ 55,348.00	1.00	0.00	1.00	55,348.00	55,348.00	-	-
4"-6" EXTENSION	CY	0	$ -	$ -	44	501.00	$ 419.00	$ 209,919.00	200.00	301.00	501.00	83,800.00	209,919.00	126,119.00	-
6"-8" EXTENSION	CY	0	$ -	$ -	44	60.00	$ 419.00	$ 25,140.00	60.00	0.00	60.00	25,140.00	25,140.00	-	-
8"-9" EXTENSION	CY	0	$ -	$ -	44	59.00	$ 419.00	$ 24,721.00	59.00	0.00	59.00	24,721.00	24,721.00	-	-
CUT AND SALVAGE EXISTING BOLLARDS	EA	0	$ -	$ -	44	4,577.00	$ 20.00	$ 91,540.00	2,500.00	2,077.00	4,577.00	50,000.00	91,540.00	41,540.00	-
REGRADE EXISTING CALICHE	SY	0	$ -	$ -	44	16,371.00	$ 8.00	$ 82,968.00	0.00	5,000.00	5,000.00	-	40,000.00	40,000.00	42,968.00
2" LIGHTING CONDUIT (WITH R UPS)	EA	0	$ -	$ -	44	1,775.00	$ 9.77	$ 17,341.75	0.00	775.00	775.00	-	7,571.75	7,571.75	9,770.00
AEP COST (LIGHT POLE, WIRING & LIGHT FIXTURES)	ea	0	$ -	$ -	44	1.00	$ 35,131.59	$ 35,131.59	0.00	0.00	0.00	-	-	-	35,131.59
REMOBILIZATION	LS	0	$ -	$ -	44	1.00	$ 38,000.00	$ 38,000.00	0.00	0.00	0.00	-	-	-	38,000.00
CHAIN INK FENCE (8' GARAGE#)	LS	0	$ -	$ -	46	1.00	$ 74,365.16	$ 74,365.16	0.00	0.00	0.00	-	-	-	74,365.16
ENGINEERING INSPECTION	HA	0	$ -	$ -	36A	70.00	$ 90.30	$ 6,321.00	70.00	0.00	70.00	6,321.00	6,321.00	-	-

		TOTAL COMPLETE TO-DATE	TOTAL CURRENT CONTRACT EARNED	CONTRACT BALANCE TO COMPLETE
ORIGINAL CONTRACT AMOUNT:	$ 14,197,728.40			
NET CHANGES BY CHANGE ORDER(S)	$ 3,320,865.63			
TOTAL CONTRACT AMOUNT TO DATE	$ 17,518,615.03	$ 17,006,039.53	$ 17,223,270.28	$ 295,344.75
Estimated % Project Completion to Date.	98.31%			

LESS RETAINAGE @ 10%	$ 1,722,327.03	$ 21,623.09
RELEASED RETAINAGE PR #11	$ 700,836.44	$ -
CREDIT FOR ENGINEERING INSPECTION	$ (6,321.00)	$ -
RELEASED RETAINAGE PR #10	$ 486,557.64	$ -
LESS Previous Requests for Payments	$ 16,401,806.14	$ -
DEFECTIVE WORK CO NO. 39	$ (5,067.87)	$ -
DEFECTIVE WORK CO NO. 40	$ (364.85)	$ -
TOTAL AMOUNT DUE THIS REQUEST	$ 193,707.87	$ 193,707.87

Contractor: SER CONSTRUCTION PARTNERS, LTD.

CERTIFICATION OF CONTRACTOR

According to the best of my knowledge and belief, I certify that all items and amounts shown on the face of this Application for Payment are correct; that all work has been performed and / or material supplied in accordance with the requirements of the referenced Contractand / or duly authorized deviations, substitutions, alterations, and/ or additions; that the foregoing is a true and correct statement of the Contract Account up to and including the last day of the period covered by the Application for Payment; that no part of the "Balance Due this Payment" has been received and that the undersigned and his subcontractors have complied with all the labor provision of said contract.

Signed: Date: 9/27/2011

Title: ROSBEL E. RAMOS
PRESIDENT

Instructions: Contractor's Certification No. 2: is to be executed for all requests for payments after the first. Notarize all requests for payments.

CONTRACTOR'S Certification No. 2:

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 _____ this Application for Payment will pass to OWNER at time of payment free and clear of all liens, security interest or encumbrances; and (3) all Work covered by this Application for Payment is in accordance with the Contract Documents and not defective.

DATE: 9/27/11 BY: ROSBEL E. RAMOS, PRESIDENT

SER CONSTRUCTION PARTNERS, LTD.
CONTRACTOR

ANDREW RATLIFF
NOTARY PUBLIC
STATE OF TEXAS
MY COMM. EXP. 3-1-2014

State of TEXAS
County of Harris
Subscribed and sworn to this 27th day of SEPTEMBER 2011

Notary Public

My Commission Expires: 3-1-2014

Engineer: DANNENBAUM ENGINEERING McALLEN LLC

INSPECTOR'S CERTIFICATION

I certify that I have checked and verified the above and foregoing Periodic Estimate for Partial Payment, that to the best of my knowledge and belief it is a true and correct statement or work performed and/or material supplied by the contractor, and that partial payment claimed and requested by the Contractor is correctly computed on the basis of work performed and or material supplied to date. Payment of the above AMOUNT DUE THIS APPLICATION is recommended.

HECTOR CANTU
DOS LOGISTICS INSPECTOR

Date: 9/28/11

ENGINEER'S CERTIFICATION

I certify that I have checked and verified the above and foregoing Periodic Estimate for Partial Payment; that to the best of my knowledge and belief it is a true and correct statement or work performed and/or material supplied by the contractor, and that partial payment claimed and requested by the Contractor is correctly computed on the basis of work performed and or material supplied to date. Payment of the above AMOUNT DUE THIS APPLICATION is recommended.

RICHARD D. SEITZ, P.E.
RESIDENT PROJECT REPRESENTATIVE

Date: 9/28/2011

OWNER CERTIFICATION

I have checked this estimate against the contractor's Schedule of Amount for Contract Payments, the notes and reports of my inspections of the project, and the period reports submitted by the Project Engineer. It is my opinion that the statement of work performed and/ or materials supplied is accurate, that the contractor is observing the requirements of the contract, and the payment to the contractor in the amount requested above is recommended.

Date:

RAMON GARCIA
CHAIRMAN OF THE BOARD

HIDALGO COUNTY
SEP 29 2011
DRAINAGE DISTRICT #1

HARRIS COUNTY
SEP 29 2011
FLOOD CONTROL DISTRICT

Project Name:
Contractor:
Address:
City/State/Zip:

REQUEST FOR PAYMENT
DHS SEGMENT 0-6B & 0-6C (1.38 MILES)
SER CONSTRUCTION PARTNERS, LTD.
3636 Pasadena Blvd.
Pasadena, Texas 77503

REQUEST FOR PAYMENT NO. 21

Project Number: 4410-08 1.38 MILES
Date: 9/27/2011

CONTRACT NO. 08-017-09-02
WORK THRU: 6/26/11 - 8/25/11

PROGRESS BILLING WORKSHEET - NO. 1

ROSBEL E. RAMOS, PRESIDENT	ITEM NO	UNIT	TOTAL QUANTITY	BID UNIT PRICE	TOTAL BID PRICE	CHANGE ORDERS NO.	CHANGE ORDERS QTY. +/-	CHANGE ORDERS UNIT PRICE +/-	CHANGE ORDERS VARIANCE AMOUNT +/-	UNIT QTY. COMPLETE PRIOR INVOICES	UNIT QTY. COMPLETE THIS PERIOD	UNIT QTY. COMPLETE TO DATE	AMOUNT PRIOR INVOICES	AMOUNT COMPLETE TO DATE	AMOUNT DUE THIS INVOICE	BALANCE TO COMPLETE
TEMP EROSION CONTROL (FILTER FABRIC FENCE)	1	LF	14,600	$ 3.00	$ 43,800.00	21A,25,31 B,35	15,436.00	$ 3.00	$ 2,508.00	15,436.00	0.00	15,436.00	46,308.00	46,308.00	-	-
MOBILIZATION	2	LS	1	$ 1,100,000.00	$ 1,100,000.00				$ -	1.00	0.00	1.00	1,100,000.00	1,100,000.00	-	-
TEMP EROSION CONTROL (CONST EXIT / ENTER)	3	EA	2	$ 2,000.00	$ 4,000.00				$ -	2.00	0.00	2.00	4,000.00	4,000.00	-	-
REMOVE/STOCKPILE EXIST EMBANKMENT	4	CY	11,500	$ 10.00	$ 115,000.00	21A,25,31 B,35,36A	13,839.00	$ 10.00	$ 23,390.00	13,839.00	0.00	13,839.00	138,390.00	138,390.00	-	-
RETAINING WALL (CAST-IN-PLACE)(STEM)	5	CY	5,260	$ 600.00	$ 3,156,000.00	1,21A,23,25,31B,34,36A,41,42,43	5,515.59	$ 599.660536769	$ 151,481.66	5,515.59	0.00	5,515.59	3,307,481.66	3,307,481.66	-	-
RETAINING WALL (CAST-IN-PLACE) (FOOTING)	6	CY	6,715	$ 550.00	$ 3,693,250.00	1,21A,25,27,31B,34,36A,41,42,43	7,290.30	$ 574.7289096	$ 496,696.17	7,290.30	0.00	7,290.30	4,189,946.18	4,189,946.17	-	-
RETAINING WALL (CAST-IN-PLACE) (KEY)	7	CY	938	$ 500.00	$ 469,000.00	21A,25,31 B,34, 41,42,43	992.67	$ 497.693866038	$ 25,045.77	992.67	0.00	992.67	494,045.77	494,045.77	-	-
TRENCH EXCAVATION PROTECTION	8	LF	7,300	$ 1.00	$ 7,300.00	31B,36A	7,300.00	$ 1.00	$ -	7,300.00	0.00	7,300.00	7,300.00	7,300.00	-	-
TEMPORARY SPECIAL SHORING	9	SF	2,700	$ 2.00	$ 5,400.00	21A,31B	6,281.00	$ 2.00	$ 7,162.00	6,281.00	0.00	6,281.00	12,562.00	12,562.00	-	-
CONSTRUCT GATE WELL STRUCTURE W/ SLUICE GATE, HATCH, LADDER & APPURTENANCES. (9 ft x 10 ft)	10	EA	1	$ 120,000.00	$ 120,000.00				$ -	1.00	0.00	1.00	120,000.00	120,000.00	-	-
PERFORATED UNDERDRAIN PIPE (6 IN.)(PVC)	11	LF	7,300	$ 17.00	$ 124,100.00	21A,25,31 B,34,41	7,820.00	$ 17.0097531969	$ 8,916.27	7,820.00	0.00	7,820.00	133,016.27	133,016.27	-	-
AGGREGATE DRAIN MATERIAL	12	CY	5,877	$ 60.00	$ 352,620.00	2,21A,25,31B,34,41	1,129.11	$ 59.9468608019	$ (284,933.40)	1,129.11	0.00	1,129.11	67,686.60	67,686.60	-	-
METAL BEAM GUARD FENCE	13	LF	6,165	$ 20.00	$ 123,300.00	5,25	389.00	$ 20.00	$ (115,520.00)	389.00	0.00	389.00	7,780.00	7,780.00	-	-
PREPARATION RIGHT OF WAY	14	STA	73	$ 10.00	$ 730.00				$ -	73.00	0.00	73.00	730.00	730.00	-	-
REMOVE EXIST. CONCRETE CURB (6 IN)	15	LF	5,072	$ 1.00	$ 5,072.00				$ -	5,072.00	0.00	5,072.00	5,072.00	5,072.00	-	-
REMOVED EXIST ASPHALT	16	SY	5,057	$ 7.00	$ 35,399.00				$ -	5,057.00	0.00	5,057.00	35,399.00	35,399.00	-	-
REMOVE EXIST STRUCTURES	17	EA	1	$ 3,000.00	$ 3,000.00				$ -	1.00	0.00	1.00	3,000.00	3,000.00	-	-
EMBANKMENT	18	CY	81,640	$ 20.00	$ 1,632,800.00	21A,25,30,31B,34,35,36A,41	162,587.50	$ 19.6413008380	$ 1,560,630.00	162,587.50	0.00	162,587.50	3,193,430.00	3,193,430.00	-	-
EMBANKMENT (BORROW SITE)	19	CY	75,000	$ 15.00	$ 1,125,000.00	30	6,667.00	$ 15.00	$ (1,024,995.00)	6,667.00	0.00	6,667.00	100,005.00	100,005.00	-	-
CONC. RIP RAP CL-B (SLOPE PROTECTION)	20	CY	2,000	$ 240.00	$ 480,000.00	19A,21A,25,31B,36A	585.87	$ 240.00	$ (339,391.20)	585.87	0.00	585.87	140,608.80	140,608.80	-	-
CONC. PAD (4 FT X 4 FT)	21	EA	14	$ 400.00	$ 5,600.00				$ -	14.00	0.00	14.00	5,600.00	5,600.00	-	-
HOT MIX ASPHALT (2 IN)	22	SY	4,958	$ 17.00	$ 84,286.00	42,45	4,958.00	$ 17.00	$ -	0.00	0.00	0.00	-	-	-	84,286.00
PRIME OIL (MC-30)	23	GAL	992	$ 7.00	$ 6,944.00	42,45	992.00	$ 7.00	$ -	0.00	0.00	0.00	-	-	-	6,944.00
PAVEMENT MARKING	24	LS	1	$ 6,000.00	$ 6,000.00	42,45	1.00	$ 6,000.00	$ -	0.00	0.00	0.00	-	-	-	6,000.00
FURNISHING & PLACING TOPSOIL (SALVAGED MATERIAL)	25	STA	20	$ 1,500.00	$ 30,000.00	21A,31B	23.00	$ 1,500.00	$ 4,500.00	23.00	0.00	23.00	34,500.00	34,500.00	-	-
FURNISHING & PLACING TOPSOIL (NEW)	26	STA	53	$ 1,700.00	$ 90,100.00	21A,25,31 B	58.00	$ 1,700.00	$ 8,500.00	58.00	0.00	58.00	98,600.00	98,600.00	-	-
FLEXBASE (SALVAGED MATERIAL) (CALICHE) (TY D GR 6) (6 IN)	27	CY	1,082	$ 9.00	$ 9,738.00	21A,31B	1,114.00	$ 9.00	$ 288.00	1,114.00	0.00	1,114.00	10,026.00	10,026.00	-	-
FLEXBASE (NEW) (CALICHE) (TY D GR 6) (6 IN)	28	CY	4,040	$ 30.00	$ 121,200.00	18B,21A,25,31B	5,272.00	$ 30.00	$ 36,960.00	5,272.00	0.00	5,272.00	158,160.00	158,160.00	-	-
PROP. CONC. CURB (6 IN)	29	LF	4,850	$ 6.00	$ 29,100.00				$ -	4,850.00	0.00	4,850.00	29,100.00	29,100.00	-	-
HYDRO MULCH	30	SY	52,723	$ 0.80	$ 42,178.40	21A,25,31 B,35,36A	59,032.00	$ 0.80	$ 5,047.20	59,032.00	0.00	59,032.00	47,225.60	47,225.60	-	-
REINF. CONC. PIPE (72 IN) (CL V)	31	LF	310	$ 350.00	$ 108,500.00	42	260.00	$ 350.00	$ (17,500.00)	260.00	0.00	260.00	91,000.00	91,000.00	-	-
CONC. HEADWALL (72 IN)	32	EA	2	$ 12,000.00	$ 24,000.00				$ -	2.00	0.00	2.00	24,000.00	24,000.00	-	-
BOLLARD (TRANSPORT FROM STAGING AREA & INSTALL PER PLANS) (5 FT.)	33	EA	1,079	$ 59.00	$ 63,661.00	10A	0.00	$ 59.00	$ (63,661.00)	0.00	0.00	0.00	-	-	-	-
BOLLARD (TRANSPORT FROM STAGING AREA & INSTALL PER PLANS) (6 FT.)	34	EA	442	$ 62.00	$ 27,404.00	10A	0.00	$ 62.00	$ (27,404.00)	0.00	0.00	0.00	-	-	-	-
BOLLARD (TRANSPORT FROM STAGING AREA & INSTALL PER PLANS) (7 FT.)	35	EA	196	$ 74.00	$ 14,504.00	10A,17A	432.00	$ 34.10	$ 227.20	432.00	0.00	432.00	14,731.20	14,731.20	-	-
BOLLARD (TRANSPORT FROM STAGING AREA & INSTALL PER PLANS) (8 FT.)	36	EA	687	$ 87.00	$ 59,769.00	10A	695.00	$ 87.00	$ 696.00	695.00	0.00	695.00	60,465.00	60,465.00	-	-
BOLLARD (TRANSPORT FROM STAGING AREA & INSTALL PER PLANS) (9 FT.)	37	EA	1,128	$ 100.00	$ 112,800.00	10A	1,147.00	$ 100.00	$ 1,900.00	1,147.00	0.00	1,147.00	114,700.00	114,700.00	-	-
BOLLARD (TRANSPORT FROM STAGING AREA & INSTALL PER PLANS) (10 FT.)	38	EA	2,961	$ 102.00	$ 302,022.00	10A,17A,21A,31B,35,36A	2,849.00	$ 102.00	$ (11,424.00)	2,849.00	0.00	2,849.00	290,598.00	290,598.00	-	-
BOLLARD (TRANSPORT FROM STAGING AREA & INSTALL PER PLANS) (12FT.)	39	EA	456	$ 110.00	$ 50,160.00	10A	477.00	$ 110.00	$ 2,310.00	477.00	0.00	477.00	52,470.00	52,470.00	-	-

BOLLARD (TRANSPORT FROM STAGING AREA & INSTALL PER PLANS) (20FT.)	40	EA	554	$ 276.00	$ 152,904.00	10A,17A,21A,25,34,35,36A,41	1,221.00	$ 232.373464373	$ 130,824.00	1,221.00	0.00	1,221.00	283,728.00	283,728.00	-	-
BOLLARD (SUPPLY, CUT & WELD ANGLE IRON SUPORTS) (4 IN X 4 IN X 1/4 IN 8 FT)	41	LF	8,207	$ 24.00	$ 196,968.00	10A,17A,21A,25,34	7,749.00	$ 24.00	$ (10,992.00)	7,749.00	0.00	7,749.00	185,976.00	185,976.00	-	-
SIGN (REMOVE & REPLACE)	42	EA	5	$ 240.00	$ 1,200.00				$ -	5.00	0.00	5.00	1,200.00	1,200.00	-	-
SIGN (REMOVE & RELOCATE)	43	EA	22	$ 360.00	$ 7,920.00				$ -	22.00	0.00	22.00	7,920.00	7,920.00	-	-
FLAP GATES W/ WALL PIPE & TEE (6 IN.)	44	EA	14	$ 2,000.00	$ 28,000.00				$ -	14.00	0.00	14.00	28,000.00	28,000.00	-	-
CAT OPENING	45	EA	2	$ 500.00	$ 1,000.00	21A,25,42	0.00	$ 500.00	$ (1,000.00)	0.00	0.00	0.00	-	-	-	-
ANTI CLIMBING FENCE	46	EA	2	$ 10,000.00	$ 20,000.00	21A,25,35	7.00	$ 10,000.00	$ 50,000.00	7.00	0.00	7.00	70,000.00	70,000.00	-	-
48" STAND PIPE (TO BE CAPPED IN PLACE)	47	EA	1	$ 6,000.00	$ 6,000.00				$ -	1.00	0.00	1.00	6,000.00	6,000.00	-	-
SHEET WALL DRAIN MATERIAL	48	SF	0	$ -	$ -	2, 21A,25,31B,34, 41	69,541.00	$ 3.2628594642	$ 226,902.51	69,541.00	0.00	69,541.00	226,902.51	226,902.51	-	-
ADVANCE FEE TO AEP	49	LS	0	$ -	$ -	7A	1.00	$ 16,505.80	$ 16,505.80	1.00	0.00	1.00	16,505.80	16,505.80	-	-
REMOVE CONCRETE HEADWALL	51	EA	0	$ -	$ -	15	1.00	$ 1,250.00	$ 1,250.00	1.00	0.00	1.00	1,250.00	1,250.00	-	-
CONSTRUCT CONCRETE HEADWALL	52	EA	0	$ -	$ -	15	1.00	$ 5,500.00	$ 5,500.00	1.00	0.00	1.00	5,500.00	5,500.00	-	-
PRE-CAST 36" 45 DEGREE BEND	53	EA	0	$ -	$ -	15	1.00	$ 1,800.00	$ 1,800.00	1.00	0.00	1.00	1,800.00	1,800.00	-	-
36" RCP CLASS V	54	LF	0	$ -	$ -	15	38.00	$ 150.00	$ 5,700.00	38.00	0.00	38.00	5,700.00	5,700.00	-	-
BOLLARD (TRANSPORT FROM STAGING AREA & FABRICATE (10')	58	EA	0	$ -	$ -	17A	120.00	$ 62.10	$ 7,452.00	120.00	0.00	120.00	7,452.00	7,452.00	-	-
STONE RIP RAP (24" THICK) (TY R) (DRY)	59	CY	0	$ -	$ -	19A	3,956.00	$ 90.00	$ 356,040.00	3,956.00	0.00	3,956.00	356,040.00	356,040.00	-	-
WELD AN ADDITIONAL 10' BOLLARD (TRANSPORT & WELD)	60	EA	0	$ -	$ -	22,33A	40.00	$ 776.38	$ 31,055.20	40.00	0.00	40.00	31,055.20	31,055.20	-	-
FLEXBASE (NEW) (CALICHE) (TY D GR 6) (8 IN) (RAMP)	61	CY	0	$ -	$ -	21A,25,31B,35,36A	476.00	$ 30.00	$ 14,280.00	476.00	0.00	476.00	14,280.00	14,280.00	-	-
CONCRETE HEADER	62	LF	0	$ -	$ -	21A,25,35,36A	184.00	$ 140.79	$ 25,905.36	184.00	0.00	184.00	25,905.36	25,905.36	-	-
TEMPORARY CHAIN LINK FENCE (10 FT)	63	LF	0	$ -	$ -	21A	79.00	$ 58.00	$ 4,582.00	79.00	0.00	79.00	4,582.00	4,582.00	-	-
CONCRETE (BOLLARD FOUNDATION)	64	CY	0	$ -	$ -	28,29	217.00	$ 486.68	$ 105,609.56	217.00	0.00	217.00	105,609.56	105,609.56	-	-
DOUBLE SWING GATE (24 FT)	65	EA	0	$ -	$ -	25,29,42	0.00	$ 2,160.00	$ -	0.00	0.00	0.00	-	-	-	-
REMOVE CHAIN LINK FENCE	66	LS	0	$ -	$ -	25	1.00	$ 200.00	$ 200.00	1.00	0.00	1.00	200.00	200.00	-	-
REMOVE EXISTING CURB AND GUTTER	67	LF	0	$ -	$ -	25	50.00	$ 5.00	$ 250.00	50.00	0.00	50.00	250.00	250.00	-	-
DUCTILE IRON PIPE EXTENSION (6 IN)	68	LF	0	$ -	$ -	25	23.00	$ 40.00	$ 920.00	23.00	0.00	23.00	920.00	920.00	-	-
CHAIN LINK FENCE (10 FT)	69	LF	0	$ -	$ -	25,42	0.00	$ 40.00	$ -	0.00	0.00	0.00	-	-	-	-
HEADWALL FOR FLAP GATES	70	LS	0	$ -	$ -	25,35	2.00	$ 600.00	$ 1,200.00	2.00	0.00	2.00	1,200.00	1,200.00	-	-
REMOVE AND RESET FLAP GATE	71	EA	0	$ -	$ -	25,35	2.00	$ 300.00	$ 600.00	2.00	0.00	2.00	600.00	600.00	-	-
REMOVE & RECONSTRUCT OF RETAINING WALL CAP (3 FT CAP) (SALVAGED EXISTING VERTICAL AND HORIZONTAL REINFORCING STEEL)	72	LF	0	$ -	$ -	25	150.00	$ 127.00	$ 19,050.00	150.00	0.00	150.00	19,050.00	19,050.00	-	-
PEDESTRIAN SAFETY FENCE	73	LF	0	$ -	$ -	26,38	28,323.00	$ 16.11	$ 456,283.53	28,323.00	0.00	28,323.00	456,283.53	456,283.53	-	-
REMOVE EXIST. PIPE (60 IN)	74	EA	0	$ -	$ -	31B	1.00	$ 3,885.05	$ 3,885.05	1.00	0.00	1.00	3,885.05	3,885.05	-	-
REMOVE EXIST. HEADWALL (60 IN)	75	EA	0	$ -	$ -	31B	2.00	$ 2,715.41	$ 5,430.82	2.00	0.00	2.00	5,430.82	5,430.82	-	-
REMOVE / SALVAGED (EXIST SLUICE GATE & APPURTENANCES) (18 IN) (RCP)	76	EA	0	$ -	$ -	31B	1.00	$ 563.07	$ 563.07	1.00	0.00	1.00	563.07	563.07	-	-
REINF. CONC. BOX (5 FT X 5 FT)	77	LF	0	$ -	$ -	31B,36A	621.00	$ 263.35	$ 163,540.35	621.00	0.00	621.00	163,540.35	163,540.35	-	-
CANAL BYPASS 80 CFS	78	LS	0	$ -	$ -	31B	1.00	$ 188,174.13	$ 188,174.13	1.00	0.00	1.00	188,174.13	188,174.13	-	-
CONC. HEADWALL (5 FT X 5 FT RCB) (STRAIGHT WING)	79	EA	0	$ -	$ -	35,36A	3.00	$ 7,002.00	$ 21,006.00	3.00	0.00	3.00	21,006.00	21,006.00	-	-
CONC. HEADWALL (5 FT X 5 FT RCB) (SPECIAL)	80	CY	0	$ -	$ -	35,36A	45.00	$ 439.888	$ 19,794.96	45.00	0.00	45.00	19,794.96	19,794.96	-	-
CONSTRUCT GATE WELL STRUCTURE W/ SLUICE GATE, GRATE & LADDER (6 FT X 6 FT)	81	EA	0	$ -	$ -	31B,36A	3.00	$ 117,803.98	$ 353,411.94	3.00	0.00	3.00	353,411.94	353,411.94	-	-
REMOVE EXIST PIPE (24 IN)	82	EA	0	$ -	$ -	31B	1.00	$ 1,971.17	$ 1,971.17	1.00	0.00	1.00	1,971.17	1,971.17	-	-
ANTI-CLIMBING FENCE PANEL (OWNER FURNISHED)	83	LS	0	$ -	$ -	33A	1.00	$ 3,185.01	$ 3,185.01	1.00	0.00	1.00	3,185.01	3,185.01	-	-
REINF CONC PIPE (24 IN) (CL V)	89	LF	0	$ -	$ -	31B,36A	0.00	$ 155.12	$ -	0.00	0.00	0.00	-	-	-	-
BOLLARD (TRANSPORT FROM STAGING AREA & INSTALL PER PLANS) (14FT)	90	EA	0	$ -	$ -	31B,35	0.00	$ 130.00	$ -	0.00	0.00	0.00	-	-	-	-
GENERATOR RENTAL COSTS	91	LS	0	$ -	$ -	37	1.00	$ 55,248.00	$ 55,248.00	1.00	0.00	1.00	55,248.00	55,248.00	-	-
4'-6" EXTENSION	92	CY	0	$ -	$ -	44	501.00	$ 419.00	$ 209,919.00	200.00	301.00	501.00	83,800.00	209,919.00	126,119.00	-
2'-8" EXTENSION	93	CY	0	$ -	$ -	44	60.00	$ 419.00	$ 25,140.00	60.00	0.00	60.00	25,140.00	25,140.00	-	-
4'-9" EXTENSION	94	CY	0	$ -	$ -	44	59.00	$ 419.00	$ 24,721.00	59.00	0.00	59.00	24,721.00	24,721.00	-	-
CUT AND SALVAGE EXISTING BOLLARDS	95	EA	0	$ -	$ -	44	4,577.00	$ 20.00	$ 91,540.00	2,500.00	2,077.00	4,577.00	50,000.00	91,540.00	41,540.00	-
REGRADE EXISTING CALICHE	96	SY	0	$ -	$ -	44	10,371.00	$ 8.00	$ 82,968.00	0.00	5,000.00	5,000.00	-	40,000.00	40,000.00	42,968.00
2" LIGHTING CONDUIT (W/STUB UPS)	97	LF	0	$ -	$ -	44	1,775.00	$ 9.77	$ 17,341.75	0.00	775.00	775.00	-	7,571.75	7,571.75	9,770.00
AEP COST (LIGHT POLE,WIRING & LIGHT FIXTURES)	98	LS	0	$ -	$ -	44	1.00	$ 35,131.59	$ 35,131.59	0.00	0.00	0.00	-	-	-	35,131.59
REMOBILIZATION	99	LS	0	$ -	$ -	44	1.00	$ 36,000.00	$ 36,000.00	0.00	0.00	0.00	-	-	-	36,000.00
CHAINLINK FENCE (9 GAGE)(8')	100	LS	0	$ -	$ -	46	1.00	$ 74,245.16	$ 74,245.16	0.00	0.00	0.00	-	-	-	74,245.16
ENGINEERING INSPECTION	N/A	DAY	0	$ -	$ -	36A	70.00	$ 90.30	$ 6,321.00	70.00	0.00	70.00	6,321.00	6,321.00	-	-

		TOTAL COMPLETE TO-DATE	TOTAL CURRENT CONTRACT EARNED	CONTRACT BALANCE TO COMPLETE
ORIGINAL CONTRACT AMOUNT:	$ 14,197,729.40			
NET CHANGES BY CHANGE ORDER(S)	$ 3,320,885.63			
TOTAL CONTRACT AMOUNT TO DATE	$ 17,518,615.03	$ 17,008,039.53	$ 17,223,270.28	$ 215,230.75	$ 295,344.75

Estimated % Project Completion to Date: 98.31%

LESS RETAINAGE @ 10%	$ 1,722,327.03	$ 21,523.08
RELEASED RETAINAGE PR #11	$ 709,656.44	$ -
CREDIT FOR ENGINEERING INSPECTION	$ (6,321.00)	$ -
RELEASED RETAINAGE PR #19	$ 486,657.64	$ -
LESS Previous Requests for Payments	$ 16,491,806.14	$ -
DEFECTIVE WORK CO NO. 39	$ (5,057.67)	$ -
DEFECTIVE WORK CO NO. 40	$ (364.85)	$ -
TOTAL AMOUNT DUE THIS REQUEST	$ 193,707.67	$ 193,707.67

HIDALGO COUNTY

SEP 29 2011

DRAINAGE DISTRICT #1

Project Name:
Contractor:
Address:
City/State/Zip:

REQUEST FOR PAYMENT
DHS SEGMENT 0-6B & 0-6C (1.38 MILES)
SER CONSTRUCTION PARTNERS, LTD.
3636 Pasadena Blvd.
Pasadena, Texas 77503

REQUEST FOR PAYMENT NO. 22

Project Number: 6410-08 1.38 MILES
Date: 12/5/2011

CONTRACT NO. 08-017-09-02
WORK THRU: 9/26/11 - 11/25/11

PROGRESS BILLING WORKSHEET - NO. 1

ROSBEL E. RAMOS, PRESIDENT	ITEM NO	UNIT	TOTAL QUANTITY	BID UNIT PRICE	TOTAL BID PRICE	CHANGE ORDERS NO.	CHANGE ORDERS QTY. +/-	CHANGE ORDERS UNIT PRICE +/-	CHANGE ORDERS VARIANCE AMOUNT +/-	UNIT QTY. COMPLETE PRIOR INVOICES	UNIT QTY. COMPLETE THIS PERIOD	UNIT QTY. COMPLETE TO DATE	AMOUNT PRIOR INVOICES	AMOUNT COMPLETE TO DATE	AMOUNT DUE THIS INVOICE	BALANCE TO COMPLETE
TEMP EROSION CONTROL (FILTER FABRIC FENCE)	1	LF	14,600	$ 3.00	$ 43,800.00	21A,25,31 8,35	15,436.00	$ 3.00	$ 2,508.00	15,436.00	0.00	15,436.00	46,308.00	46,308.00	-	-
MOBILIZATION	2	LS	1	$ 1,100,000.00	$ 1,100,000.00				$ -	1.00	0.00	1.00	1,100,000.00	1,100,000.00	-	-
TEMP EROSION CONTROL (CONST EXIT/ENTER)	3	EA	2	$ 2,000.00	$ 4,000.00				$ -	2.00	0.00	2.00	4,000.00	4,000.00	-	-
REMOVE/STOCKPILE EXIST EMBANKMENT	4	CY	11,500	$ 10.00	$ 115,000.00	21A,25,31 8,35,36A	13,839.00	$ 10.00	$ 23,390.00	13,839.00	0.00	13,839.00	138,390.00	138,390.00	-	-
RETAINING WALL (CAST-IN-PLACE)(STEM)	5	CY	5,260	$ 600.00	$ 3,156,000.00	1,21A,25,2 5,31B,34,3 6A,41,42,4 3	5,515.58	$ 599.660536759	$ 151,481.66	5,515.58	0.00	5,515.58	3,307,481.66	3,307,481.66	-	-
RETAINING WALL (CAST-IN-PLACE)(FOOTING)	6	CY	6,715	$ 550.00	$ 3,693,250.00	1,21A,25,2 7,31B,34,3 6A,41,42,4 3	7,290.30	$ 574.7289096	$ 496,696.17	7,290.30	0.00	7,290.30	4,189,946.16	4,189,946.17	-	-
RETAINING WALL (CAST-IN-PLACE)(KEY)	7	CY	978	$ 500.00	$ 489,000.00	21A,25,31 8,34, 41,42,43	992.67	$ 497.693866036	$ 25,045.77	992.67	0.00	992.67	494,045.77	494,045.77	-	-
TRENCH EXCAVATION PROTECTION	8	LF	7,300	$ 1.00	$ 7,300.00	31B,36A	7,300.00	$ 1.00	$ -	7,300.00	0.00	7,300.00	7,300.00	7,300.00	-	-
TEMPORARY SPECIAL SHORING	9	SF	2,700	$ 2.00	$ 5,400.00	21A,31B	6,281.00	$ 2.00	$ 7,162.00	6,281.00	0.00	6,281.00	12,562.00	12,562.00	-	-
CONSTRUCT GATE WELL STRUCTURE W/SLUICE GATE, HATCH, LADDER & APPURTENANCES (9 ft x 10 ft)	10	EA	1	$ 120,000.00	$ 120,000.00				$ -	1.00	0.00	1.00	120,000.00	120,000.00	-	-
PERFORATED UNDERDRAIN PIPE (6 IN)(PVC)	11	LF	7,300	$ 17.00	$ 124,100.00	21A,25,31 8,34,41	7,820.00	$ 17.0087531969	$ 8,916.27	7,820.00	0.00	7,820.00	133,016.27	133,016.27	-	-
AGGREGATE DRAIN MATERIAL	12	CY	5,877	$ 60.00	$ 352,620.00	2,21A,25,3 18,34,41	1,129.11	$ 59.9468608019	$ (284,933.40)	1,129.11	0.00	1,129.11	67,686.60	67,686.60	-	-
METAL BEAM GUARD FENCE	13	LF	6,165	$ 20.00	$ 123,300.00	5,25	389.00	$ 20.00	$ (115,520.00)	389.00	0.00	389.00	7,780.00	7,780.00	-	-
PREPARATION RIGHT OF WAY	14	STA	73	$ 10.00	$ 730.00				$ -	73.00	0.00	73.00	730.00	730.00	-	-
REMOVE EXIST. CONCRETE CURB (6 IN)	15	LF	5,072	$ 1.00	$ 5,072.00	47	7,288.00	$ 1.00	$ 2,216.00	5,072.00	2,216.00	7,288.00	5,072.00	7,288.00	2,216.00	-
REMOVED EXIST ASPHALT	16	SY	5,057	$ 7.00	$ 35,399.00				$ -	5,057.00	0.00	5,057.00	35,399.00	35,399.00	-	-
REMOVE EXIST STRUCTURES	17	EA	1	$ 3,000.00	$ 3,000.00				$ -	1.00	0.00	1.00	3,000.00	3,000.00	-	-
EMBANKMENT	18	CY	81,640	$ 20.00	$ 1,632,800.00	21A,25,30, 31B,34,35, 36A,41	162,587.50	$ 19.6413008380	$ 1,560,630.00	162,587.50	0.00	162,587.50	3,193,430.00	3,193,430.00	-	-
EMBANKMENT (BORROW SITE)	19	CY	75,000	$ 15.00	$ 1,125,000.00	30	6,667.00	$ 15.00	$ (1,024,995.00)	6,667.00	0.00	6,667.00	100,005.00	100,005.00	-	-
CONC. RIP RAP CL-B (SLOPE PROTECTION)	20	CY	2,000	$ 240.00	$ 480,000.00	19A,21A,2 5,31B,36A	585.87	$ 240.00	$ (339,391.20)	585.87	0.00	585.87	140,608.80	140,608.80	-	-
CONC. PAD (4 FT X 4 FT)	21	EA	14	$ 400.00	$ 5,600.00				$ -	14.00	0.00	14.00	5,600.00	5,600.00	-	-
HOT MIX ASPHALT (2 IN)	22	SY	4,958	$ 17.00	$ 84,286.00	42,45	4,958.00	$ 17.00	$ -	0.00	4,958.00	4,958.00	-	84,286.00	84,286.00	-
PRIME OIL (MC-30)	23	GAL	992	$ 7.00	$ 6,944.00	42,45	992.00	$ 7.00	$ -	0.00	992.00	992.00	-	6,944.00	6,944.00	-
PAVEMENT MARKING	24	LS	1	$ 6,000.00	$ 6,000.00	42,45	1.00	$ 6,000.00	$ -	0.00	0.00	0.00	-	-	-	6,000.00
FURNISHING & PLACING TOPSOIL (SALVAGED MATERIAL)	25	STA	20	$ 1,500.00	$ 30,000.00	21A,31B	23.00	$ 1,500.00	$ 4,500.00	23.00	0.00	23.00	34,500.00	34,500.00	-	-
FURNISHING & PLACING TOPSOIL (NEW)	26	STA	53	$ 1,700.00	$ 90,100.00	21A,25,31 8	58.00	$ 1,700.00	$ 8,500.00	58.00	0.00	58.00	98,600.00	98,600.00	-	-
FLEXBASE (SALVAGED MATERIAL) (CALICHE) (TY D GR 6) (6 IN)	27	CY	1,082	$ 9.00	$ 9,738.00	21A,31B	1,114.00	$ 9.00	$ 288.00	1,114.00	0.00	1,114.00	10,026.00	10,026.00	-	-
FLEXBASE (NEW) (CALICHE) (TY D GR 4) (6 IN)	28	CY	4,040	$ 30.00	$ 121,200.00	18B,21A,2 5,31B	5,272.00	$ 30.00	$ 36,960.00	5,272.00	0.00	5,272.00	158,160.00	158,160.00	-	-
PROP. CONC. CURB (6 IN)	29	LF	4,850	$ 6.00	$ 29,100.00	47	7,066.00	$ 6.00	$ 13,296.00	4,850.00	2,216.00	7,066.00	29,100.00	42,396.00	13,296.00	-
HYDRO MULCH	30	SY	52,723	$ 0.80	$ 42,178.40	21A,25,31 8,35,36A	59,032.00	$ 0.80	$ 5,047.20	59,032.00	0.00	59,032.00	47,225.60	47,225.60	-	-
REINF. CONC. PIPE (72 IN) (CL V)	31	LF	310	$ 350.00	$ 108,500.00	42	260.00	$ 350.00	$ (17,500.00)	260.00	0.00	260.00	91,000.00	91,000.00	-	-
CONC. HEADWALL (72 IN)	32	EA	2	$ 12,000.00	$ 24,000.00				$ -	2.00	0.00	2.00	24,000.00	24,000.00	-	-
BOLLARD (TRANSPORT FROM STAGING AREA & INSTALL PER PLANS) (5 FT.)	33	EA	1,079	$ 59.00	$ 63,661.00	10A	0.00	$ 59.00	$ (63,661.00)	0.00	0.00	0.00	-	-	-	-
BOLLARD (TRANSPORT FROM STAGING AREA & INSTALL PER PLANS) (6 FT.)	34	EA	442	$ 62.00	$ 27,404.00	10A	0.00	$ 62.00	$ (27,404.00)	0.00	0.00	0.00	-	-	-	-
BOLLARD (TRANSPORT FROM STAGING AREA & INSTALL PER PLANS) (7 FT.)	35	EA	196	$ 74.00	$ 14,504.00	10A,17A	432.00	$ 34.10	$ 227.20	432.00	0.00	432.00	14,731.20	14,731.20	-	-
BOLLARD (TRANSPORT FROM STAGING AREA & INSTALL PER PLANS) (8 FT.)	36	EA	687	$ 87.00	$ 59,769.00	10A	695.00	$ 87.00	$ 696.00	695.00	0.00	695.00	60,465.00	60,465.00	-	-
BOLLARD (TRANSPORT FROM STAGING AREA & INSTALL PER PLANS) (9 FT.)	37	EA	1,128	$ 100.00	$ 112,800.00	10A	1,147.00	$ 100.00	$ 1,900.00	1,147.00	0.00	1,147.00	114,700.00	114,700.00	-	-
BOLLARD (TRANSPORT FROM STAGING AREA & INSTALL PER PLANS) (10 FT.)	38	EA	2,961	$ 102.00	$ 302,022.00	10A,17A,2 1A,31B,35, 36A	2,849.00	$ 102.00	$ (11,424.00)	2,849.00	0.00	2,849.00	290,598.00	290,598.00	-	-
BOLLARD (TRANSPORT FROM STAGING AREA & INSTALL PER PLANS) (12 FT.)	39	EA	456	$ 110.00	$ 50,160.00	10A	477.00	$ 110.00	$ 2,310.00	477.00	0.00	477.00	52,470.00	52,470.00	-	-
BOLLARD (TRANSPORT FROM STAGING AREA & INSTALL PER PLANS) (20 FT.)	40	EA	554	$ 276.00	$ 152,904.00	10A,17A,2 1A,25,34,3 5,36A,41	1,221.00	$ 232.373464373	$ 130,824.00	1,221.00	0.00	1,221.00	283,728.00	283,728.00	-	-
BOLLARD (SUPPLY, CUT & WELD ANGLE IRON SUPORTS) (4 IN X 4 IN X 1/4 IN X 8 FT)	41	LF	8,207	$ 24.00	$ 196,968.00	10A,17A,2 1A,25,34	7,749.00	$ 24.00	$ (10,992.00)	7,749.00	0.00	7,749.00	185,976.00	185,976.00	-	-
SIGN (REMOVE & REPLACE)	42	EA	5	$ 240.00	$ 1,200.00				$ -	5.00	0.00	5.00	1,200.00	1,200.00	-	-
SIGN (REMOVE & RELOCATE)	43	EA	22	$ 360.00	$ 7,920.00				$ -	22.00	0.00	22.00	7,920.00	7,920.00	-	-
FLAP GATES W/ WALL PIPE & TEE (6 IN.)	44	EA	14	$ 2,000.00	$ 28,000.00				$ -	14.00	0.00	14.00	28,000.00	28,000.00	-	-
CAT OPENING	45	EA	2	$ 500.00	$ 1,000.00	21A,25,42	0.00	$ 500.00	$ (1,000.00)	0.00	0.00	0.00	-	-	-	-
ANTI CLIMBING FENCE	46	EA	2	$ 10,000.00	$ 20,000.00	21A,25,35	7.00	$ 10,000.00	$ 50,000.00	7.00	0.00	7.00	70,000.00	70,000.00	-	-
48" STAND PIPE (TO BE CAPPED IN PLACE)	47	EA	1	$ 6,000.00	$ 6,000.00				$ -	1.00	0.00	1.00	6,000.00	6,000.00	-	-
SHEET WALL DRAIN MATERIAL	48	SF	0	$ -	$ -	2, 21A,25,31 8,34, 41	68,541.00	$ [illegible]	$ 226,902.51	68,541.00	0.00	68,541.00	226,902.51	226,902.51	-	-
ADVANCE FEE TO AEP	49	LS	0	$ -	$ -	7A	1.00	$ 16,505.80	$ 16,505.80	1.00	0.00	1.00	16,505.80	16,505.80	-	-
REMOVE CONCRETE HEADWALL	51	EA	0	$ -	$ -	15	1.00	$ 1,250.00	$ 1,250.00	1.00	0.00	1.00	1,250.00	1,250.00	-	-
CONSTRUCT CONCRETE HEADWALL	52	EA	0	$ -	$ -	15	1.00	$ 5,500.00	$ 5,500.00	1.00	0.00	1.00	5,500.00	5,500.00	-	-
PRE-CAST 36" 45 DEGREE BEND	53	EA	0	$ -	$ -	15	1.00	$ 1,800.00	$ 1,800.00	1.00	0.00	1.00	1,800.00	1,800.00	-	-
36" RCP CLASS V	54	LF	0	$ -	$ -	15	38.00	$ 150.00	$ 5,700.00	38.00	0.00	38.00	5,700.00	5,700.00	-	-
BOLLARD (TRANSPORT FROM STAGING AREA & FABRICATE (19'))	56	EA	0	$ -	$ -	17A	120.00	$ 62.10	$ 7,452.00	120.00	0.00	120.00	7,452.00	7,452.00	-	-
STONE RIP RAP (24" THICK) (TY R) (DRY)	59	CY	0	$ -	$ -	19A	3,956.00	$ 90.00	$ 356,040.00	3,956.00	0.00	3,956.00	356,040.00	356,040.00	-	-
WELD AN ADDITIONAL 10' BOLLARD (TRANSPORT & WELD)	60	EA	0	$ -	$ -	22,33A	40.00	$ 776.38	$ 31,055.20	40.00	0.00	40.00	31,055.20	31,055.20	-	-
FLEXBASE (NEW) (CALICHE) (TY D GR 4) (8 IN) (RAMP)	61	CY	0	$ -	$ -	21A,25,31 8,35,36A	476.00	$ 30.00	$ 14,280.00	476.00	0.00	476.00	14,280.00	14,280.00	-	-
CONCRETE HEADER	62	LF	0	$ -	$ -	21A,25,35, 36A	184.00	$ 140.79	$ 25,905.36	184.00	0.00	184.00	25,905.36	25,905.36	-	-
TEMPORARY CHAIN LINK FENCE (10 FT)	63	LF	0	$ -	$ -	21A	79.00	$ 58.00	$ 4,582.00	79.00	0.00	79.00	4,582.00	4,582.00	-	-
CONCRETE (BOLLARD FOUNDATION)	64	CY	0	$ -	$ -	26,29	217.00	$ [illegible]	$ 106,508.56	217.00	0.00	217.00	106,508.56	106,508.56	-	-
DOUBLE SWING GATE (24 FT)	65	EA	0	$ -	$ -	25,29,42	0.00	$ 2,160.00	$ -	0.00	0.00	0.00	-	-	-	-
REMOVE CHAIN LINK FENCE	66	LS	0	$ -	$ -	25	1.00	$ 200.00	$ 200.00	1.00	0.00	1.00	200.00	200.00	-	-
REMOVE EXISTING CURB AND GUTTER	67	LF	0	$ -	$ -	25	50.00	$ 5.00	$ 250.00	50.00	0.00	50.00	250.00	250.00	-	-
DUCTILE IRON PIPE EXTENSION (6 IN)	68	LF	0	$ -	$ -	25	23.00	$ 40.00	$ 920.00	23.00	0.00	23.00	920.00	920.00	-	-
CHAIN LINK FENCE (10 FT)	69	LF	0	$ -	$ -	25,42	0.00	$ 40.00	$ -	0.00	0.00	0.00	-	-	-	-
HEADWALL FOR FLAP GATES	70	LS	0	$ -	$ -	25,35	2.00	$ 600.00	$ 1,200.00	2.00	0.00	2.00	1,200.00	1,200.00	-	-
REMOVE AND RESET FLAP GATE	71	EA	0	$ -	$ -	25,35	2.00	$ 300.00	$ 600.00	2.00	0.00	2.00	600.00	600.00	-	-
REMOVE & RECONSTRUCT OF RETAINING WALL CAP (3 FT CAP) (SALVAGED EXISTING VERTICAL AND HORIZONTAL REINFORCING STEEL)	72	LF	0	$ -	$ -	25	150.00	$ 127.00	$ 19,050.00	150.00	0.00	150.00	19,050.00	19,050.00	-	-
PEDESTRIAN SAFETY FENCE	73	LF	0	$ -	$ -	26,38	28,323.00	$ 16.11	$ 456,283.53	28,323.00	0.00	28,323.00	456,283.53	456,283.53	-	-
REMOVE EXIST. PIPE (60 IN)	74	EA	0	$ -	$ -	31B	1.00	$ 3,885.05	$ 3,885.05	1.00	0.00	1.00	3,885.05	3,885.05	-	-
REMOVE EXIST. HEADWALL (60 IN)	75	EA	0	$ -	$ -	31B	2.00	$ 2,715.41	$ 5,430.82	2.00	0.00	2.00	5,430.82	5,430.82	-	-
REMOVE / SALVAGED (EXIST SLUICE GATE & APPURTENANCES) (18 IN) (RCP)	76	EA	0	$ -	$ -	31B	1.00	$ 563.07	$ 563.07	1.00	0.00	1.00	563.07	563.07	-	-
REINF. CONC. BOX (5 FT X 5 FT)	77	LF	0	$ -	$ -	31B,36A	621.00	$ 263.35	$ 163,540.35	621.00	0.00	621.00	163,540.35	163,540.35	-	-
CANAL BYPASS 90 CFS	78	LS	0	$ -	$ -	31B	1.00	$ 188,174.13	$ 188,174.13	1.00	0.00	1.00	188,174.13	188,174.13	-	-
CONC. HEADWALL (5 FT X 5 FT RCB) (STRAIGHT WING)	79	EA	0	$ -	$ -	35,36A	3.00	$ 7,002.00	$ 21,006.00	3.00	0.00	3.00	21,006.00	21,006.00	-	-
CONC. HEADWALL (5 FT X 5 FT RCB) (SPECIAL)	80	CY	0	$ -	$ -	35,36A	45.00	$ 439.888	$ 19,794.96	45.00	0.00	45.00	19,794.96	19,794.96	-	-
CONSTRUCT GATE WELL STRUCTURE W/ SLUICE GATE, GRATE & LADDER (6 FT X 6 FT)	81	EA	0	$ -	$ -	31B,36A	3.00	$ 117,803.98	$ 353,411.94	3.00	0.00	3.00	353,411.94	353,411.94	-	-
REMOVE EXIST PIPE (24 IN)	82	EA	0	$ -	$ -	31B	1.00	$ 1,971.17	$ 1,971.17	1.00	0.00	1.00	1,971.17	1,971.17	-	-
ANTI-CLIMBING FENCE PANEL (OWNER FURNISHED)	83	LS	0	$ -	$ -	33A	1.00	$ 3,185.01	$ 3,185.01	1.00	0.00	1.00	3,185.01	3,185.01	-	-
REINF CONC PIPE (24 IN) (CL V)	89	LF	0	$ -	$ -	31B,36A	0.00	$ 156.12	$ -	0.00	0.00	0.00	-	-	-	-
BOLLARD (TRANSPORT FROM STAGING AREA & INSTALL PER PLANS) (14FT)	90	EA	0	$ -	$ -	31B,35	0.00	$ 130.00	$ -	0.00	0.00	0.00	-	-	-	-
GENERATOR RENTAL COSTS	91	LS	0	$ -	$ -	37	1.00	$ 55,248.00	$ 55,248.00	1.00	0.00	1.00	55,248.00	55,248.00	-	-
4'-6" EXTENSION	92	CY	0	$ -	$ -	44,47	647.00	$ 419.00	$ 271,093.00	501.00	146.00	647.00	209,919.00	271,093.00	61,174.00	-
2'-6" EXTENSION	93	CY	0	$ -	$ -	44,47	77.00	$ 419.00	$ 32,263.00	60.00	17.00	77.00	25,140.00	32,263.00	7,123.00	-
4'-9" EXTENSION	94	CY	0	$ -	$ -	44,47	75.00	$ 419.00	$ 31,425.00	59.00	16.00	75.00	24,721.00	31,425.00	6,704.00	-
CUT AND SALVAGE EXISTING BOLLARDS	95	EA	0	$ -	$ -	44	4,577.00	$ 20.00	$ 91,540.00	4,577.00	0.00	4,577.00	91,540.00	91,540.00	-	-
REGRADE EXISTING CALICHE	96	SY	0	$ -	$ -	44,47	5,000.00	$ 8.00	$ 40,000.00	5,000.00	0.00	5,000.00	40,000.00	40,000.00	-	-
2" LIGHTING CONDUIT (W/STUB UPS)	97	LF	0	$ -	$ -	44,47	2,401.00	$ 9.77	$ 23,457.77	775.00	1,626.00	2,401.00	7,571.75	23,457.77	15,886.02	-
AEP COST (LIGHT POLE, WIRING & LIGHT FIXTURES)	98	LS	0	$ -	$ -	44,47	1.00	$ 14,703.64	$ 14,703.64	0.00	1.00	1.00	-	14,703.64	14,703.64	-
REMOBILIZATION	99	LS	0	$ -	$ -	44	1.00	$ 36,000.00	$ 36,000.00	0.00	1.00	1.00	-	36,000.00	36,000.00	-
CHAINLINK FENCE (9 GAGE)(8')	100	LS	0	$ -	$ -	46	1.00	$ 74,245.16	$ 74,245.16	0.00	1.00	1.00	-	74,245.16	74,245.16	-
ENGINEERING INSPECTION	N/A	DAY	0	$ -	$ -	36A	70.00	$ 90.30	$ 6,321.00	70.00	0.00	70.00	6,321.00	6,321.00	-	-

	TOTAL COMPLETE TO-DATE	TOTAL CURRENT CONTRACT EARNED	CONTRACT BALANCE TO COMPLETE	
$ 17,223,270.26	$ 17,545,848.10	$ 322,577.82	$ 6,000.00	

ORIGINAL CONTRACT AMOUNT: $ 14,197,729.40
NET CHANGES BY CHANGE ORDER(S): $ 3,354,118.70
TOTAL CONTRACT AMOUNT TO DATE: $ 17,551,848.10

Estimated % Project Completion to Date: 99.97%

LESS RETAINAGE @ 10%	$ 1,754,584.81	$ 32,257.78
RELEASED RETAINAGE PR #11	$ 709,686.44	$ -
CREDIT FOR ENGINEERING INSPECTION	$ (6,321.00)	$ -
RELEASED RETAINAGE PR #19	$ 486,857.64	$ -
LESS Previous Requests for Payments	$ 16,885,313.81	$ -
DEFECTIVE WORK CO NO 39	$ (5,057.67)	$ -
DEFECTIVE WORK CO NO 40	$ (364.86)	$ -
TOTAL AMOUNT DUE THIS REQUEST	$ 290,330.04	$ 290,320.04

Contractor: SER CONSTRUCTION PARTNERS, LTD.

CERTIFICATION OF CONTRACTOR

According to the best of my knowledge and belief, I certify that all items and amounts shown on the face of this Application for Payment are correct; that all work has been performed and / or material supplied in accordance with the requirements of the referenced Contract and / or duly authorized deviations, substitutions, alterations, and/ or additions; that the foregoing is a true and correct statement of the Contract amount up to and including the last day of the period covered by the Application for Payment; that no part of the "Balance Due this Payment" has been received and that the undersigned and his subcontractors have complied with all the labor provision of said contract.

Signed: [signature] ROSBEL E. RAMOS Date: 12/6/2011
Title: PRESIDENT

Instructions: Contractor's Certification No. 2: is to be executed for all requests for payments after the first. Notarize all requests for payments.

CONTRACTOR'S Certification No. 2:

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 ________ this Application for Payment will pass to OWNER at time of payment free and clear of all Liens, security interest or encumbrances; and (3) all Work covered by this Application for Payment is in accordance with the Contract Documents and not defective.

DATE: 12/6/11 By: [signature]
ROSBEL E. RAMOS, PRESIDENT
SER CONSTRUCTION PARTNERS, LTD.
CONTRACTOR

State of TEXAS
County of Harris
Subscribed and sworn to me this 6th day of DECEMBER 2011

[signature]
Notary Public
My Commission Expires: 3-1-2014

ANDREW RATLIFF
NOTARY PUBLIC
STATE OF TEXAS
MY COMM. EXP. 3-1-2014
NOTARY PUBLIC STATE OF TEXAS

Engineer: DANNENBAUM ENGINEERING McALLEN LLC

INSPECTOR'S CERTIFICATION

I certify that I have checked and verified the above and foregoing Periodic Estimate for Partial Payment; that to the best of my knowledge and belief it is a true and correct statement or work performed and/or material supplied by the contractor, and that partial payment claimed and requested by the Contrator is correctly computed on the basis of work performed and or material supplied to date. Payment of the above AMOUNT DUE THIS APPLICATION is recommended.

[signature] Date: 12/7/11
HECTOR CANTO
DOS LOGISTICS INSPECTOR

ENGINEER'S CERTIFICATION

I certify that I have checked and verified the above and foregoing Periodic Estimate for Partial Payment; that to the best of my knowledge and belief it is a true and correct statement or work performed and/or material supplied by the contractor, and that partial payment claimed and requested by the Contrator is correctly computed on the basis of work performed and or material supplied to date. Payment of the above AMOUNT DUE THIS APPLICATION is recommended.

Richard D. Seitz, P.E. Date: 12/8/2011
RICHARD D. SEITZ, P.E.
RESIDENT PROJECT REPRESENTATIVE

OWNER CERTIFICATION

I have checked this estimate against the contractor's Schedule of Amount for Contract Payments, the notes and reports of my inspections of the project, and the period reports submitted by the Project Engineer. It is my opinion that the statement of work performed and/ or materials supplied is accurate, that the contractor is observing the requirements of the contract, and the payment to the contractor in the amount requested above is recommended.

________________ Date: ________
RAMON GARCIA
CHAIRMAN OF THE BOARD

HIDALGO COUN
DEC - 9 2011
DRAINAGE DISTRICT #1

Project Name:
Contractor:
Address:
City/State/Zip:

REQUEST FOR PAYMENT
DHS SEGMENT 0-6B & 0-6C (1.38 MILES)
SER CONSTRUCTION PARTNERS, LTD.

3636 Pasadena Blvd.
Pasadena, Texas 77503

HIDALGO COUNTY
DEC - 9 2011
DRAINAGE DISTRICT #1

REQUEST FOR PAYMENT NO. 22

Project Number: 4410-08 1.38 MILES
Date: 12/5/2011

CONTRACT NO. 08-017-09-02
WORK THRU: 9/26/11 - 11/25/11

PROGRESS BILLING WORKSHEET - NO. 1

ROSBEL E. RAMOS, PRESIDENT	ITEM NO	UNIT	TOTAL QUANTITY	BID UNIT PRICE	TOTAL BID PRICE	CHANGE ORDERS NO.	CHANGE ORDERS QTY. +/-	CHANGE ORDERS UNIT PRICE +/-	CHANGE ORDERS VARIANCE AMOUNT +/-	UNIT QTY. COMPLETE PRIOR INVOICES	UNIT QTY. COMPLETE THIS PERIOD	UNIT QTY. COMPLETE TO DATE	AMOUNT PRIOR INVOICES	AMOUNT COMPLETE TO DATE	AMOUNT DUE THIS INVOICE	BALANCE TO COMPLETE
TEMP EROSION CONTROL (FILTER FABRIC FENCE)	1	LF	14,600	$ 3.00	$ 43,800.00	21A,25,31 B,35	15,436.00	$ 3.00	$ 2,508.00	15,436.00	0.00	15,436.00	46,308.00	46,308.00	-	-
MOBILIZATION	2	LS	1	$ 1,100,000.00	$ 1,100,000.00				$ -	1.00	0.00	1.00	1,100,000.00	1,100,000.00	-	-
TEMP EROSION CONTROL (CONST EXIT / ENTER)	3	EA	2	$ 2,000.00	$ 4,000.00				$ -	2.00	0.00	2.00	4,000.00	4,000.00	-	-
REMOVE/STOCKPILE EXIST EMBANKMENT	4	CY	11,500	$ 10.00	$ 115,000.00	21A,25,31 B,35,36A	13,839.00	$ 10.00	$ 23,390.00	13,839.00	0.00	13,839.00	138,390.00	138,390.00	-	-
RETAINING WALL (CAST-IN-PLACE)(STEM)	5	CY	5,260	$ 600.00	$ 3,156,000.00	1,21A,23,2 5,31B,34,3 6A,41,42,4 3	5,515.59	$ 599.660536769	$ 151,481.66	5,515.59	0.00	5,515.59	3,307,481.66	3,307,481.66	-	-
RETAINING WALL (CAST-IN-PLACE) (FOOTING)	6	CY	6,715	$ 550.00	$ 3,693,250.00	1,21A,25,2 7,31B,34,3 6A,41,42,4 3	7,290.30	$ 574.7289096	$ 496,696.17	7,290.30	0.00	7,290.30	4,189,946.18	4,189,946.17	-	-
RETAINING WALL (CAST-IN-PLACE) (KEY)	7	CY	938	$ 500.00	$ 469,000.00	21A,25,31 B,34, 41,42,43	992.67	$ 497.693866038	$ 25,045.77	992.67	0.00	992.67	494,045.77	494,045.77	-	-
TRENCH EXCAVATION PROTECTION	8	LF	7,300	$ 1.00	$ 7,300.00	31B,36A	7,300.00	$ 1.00	$ -	7,300.00	0.00	7,300.00	7,300.00	7,300.00	-	-
TEMPORARY SPECIAL SHORING	9	SF	2,700	$ 2.00	$ 5,400.00	21A,31B	6,281.00	$ 2.00	$ 7,162.00	6,281.00	0.00	6,281.00	12,562.00	12,562.00	-	-
CONSTRUCT GATE WELL STRUCTURE W/ SLUICE GATE, HATCH, LADDER & APPURTENANCES. (9 ft x 10 ft)	10	EA	1	$ 120,000.00	$ 120,000.00				$ -	1.00	0.00	1.00	120,000.00	120,000.00	-	-
PERFORATED UNDERDRAIN PIPE (6 IN.)(PVC)	11	LF	7,300	$ 17.00	$ 124,100.00	21A,25,31 B,34,41	7,820.00	$ 17.0097531969	$ 8,916.27	7,820.00	0.00	7,820.00	133,016.27	133,016.27	-	-
AGGREGATE DRAIN MATERIAL	12	CY	5,877	$ 60.00	$ 352,620.00	2,21A,25,3 1B,34,41	1,129.11	$ 59.9468608019	$ (284,933.40)	1,129.11	0.00	1,129.11	67,686.60	67,686.60	-	-
METAL BEAM GUARD FENCE	13	LF	6,165	$ 20.00	$ 123,300.00	5,25	389.00	$ 20.00	$ (115,520.00)	389.00	0.00	389.00	7,780.00	7,780.00	-	-
PREPARATION RIGHT OF WAY	14	STA	73	$ 10.00	$ 730.00				$ -	73.00	0.00	73.00	730.00	730.00	-	-
REMOVE EXIST. CONCRETE CURB (6 IN)	15	LF	5,072	$ 1.00	$ 5,072.00	47	7,288.00	$ 1.00	$ 2,216.00	5,072.00	2,216.00	7,288.00	5,072.00	7,288.00	2,216.00	-
REMOVED EXIST ASPHALT	16	SY	5,057	$ 7.00	$ 35,399.00				$ -	5,057.00	0.00	5,057.00	35,399.00	35,399.00	-	-
REMOVE EXIST STRUCTURES	17	EA	1	$ 3,000.00	$ 3,000.00				$ -	1.00	0.00	1.00	3,000.00	3,000.00	-	-
EMBANKMENT	18	CY	81,640	$ 20.00	$ 1,632,800.00	21A,25,30, 31B,34,35, 36A,41	162,587.50	$ 19.6413008380	$ 1,560,630.00	162,587.50	0.00	162,587.50	3,193,430.00	3,193,430.00	-	-
EMBANKMENT (BORROW SITE)	19	CY	75,000	$ 15.00	$ 1,125,000.00	30	6,667.00	$ 15.00	$ (1,024,995.00)	6,667.00	0.00	6,667.00	100,005.00	100,005.00	-	-
CONC. RIP RAP CL-B (SLOPE PROTECTION)	20	CY	2,000	$ 240.00	$ 480,000.00	19A,21A,2 5,31B,36A	585.87	$ 240.00	$ (339,391.20)	585.87	0.00	585.87	140,608.80	140,608.80	-	-
CONC. PAD (4 FT X 4 FT)	21	EA	14	$ 400.00	$ 5,600.00				$ -	14.00	0.00	14.00	5,600.00	5,600.00	-	-
HOT MIX ASPHALT (2 IN)	22	SY	4,958	$ 17.00	$ 84,286.00	42,45	4,958.00	$ 17.00	$ -	0.00	4,958.00	4,958.00	-	84,286.00	84,286.00	-
PRIME OIL (MC-30)	23	GAL	992	$ 7.00	$ 6,944.00	42,45	992.00	$ 7.00	$ -	0.00	992.00	992.00	-	6,944.00	6,944.00	-
PAVEMENT MARKING	24	LS	1	$ 6,000.00	$ 6,000.00	42,45	1.00	$ 6,000.00	$ -	0.00	0.00	0.00	-	-	-	6,000.00
FURNISHING & PLACING TOPSOIL (SALVAGED MATERIAL)	25	STA	20	$ 1,500.00	$ 30,000.00	21A,31B	23.00	$ 1,500.00	$ 4,500.00	23.00	0.00	23.00	34,500.00	34,500.00	-	-
FURNISHING & PLACING TOPSOIL (NEW)	26	STA	53	$ 1,700.00	$ 90,100.00	21A,25,31 B	58.00	$ 1,700.00	$ 8,500.00	58.00	0.00	58.00	98,600.00	98,600.00	-	-
FLEXBASE (SALVAGED MATERIAL) (CALICHE) (TY D GR 6) (6 IN)	27	CY	1,082	$ 9.00	$ 9,738.00	21A,31B	1,114.00	$ 9.00	$ 288.00	1,114.00	0.00	1,114.00	10,026.00	10,026.00	-	-
FLEXBASE (NEW) (CALICHE) (TY D GR 6) (6 IN)	28	CY	4,040	$ 30.00	$ 121,200.00	18B,21A,2 5,31B	5,272.00	$ 30.00	$ 36,960.00	5,272.00	0.00	5,272.00	158,160.00	158,160.00	-	-
PROP. CONC. CURB (6 IN)	29	LF	4,850	$ 6.00	$ 29,100.00	47	7,066.00	$ 6.00	$ 13,296.00	4,850.00	2,216.00	7,066.00	29,100.00	42,396.00	13,296.00	-
HYDRO MULCH	30	SY	52,723	$ 0.80	$ 42,178.40	21A,25,31 B,35,36A	59,032.00	$ 0.80	$ 5,047.20	59,032.00	0.00	59,032.00	47,225.60	47,225.60	-	-
REINF. CONC. PIPE (72 IN) (CL V)	31	LF	310	$ 350.00	$ 108,500.00	42	260.00	$ 350.00	$ (17,500.00)	260.00	0.00	260.00	91,000.00	91,000.00	-	-
CONC. HEADWALL (72 IN)	32	EA	2	$ 12,000.00	$ 24,000.00				$ -	2.00	0.00	2.00	24,000.00	24,000.00	-	-
BOLLARD (TRANSPORT FROM STAGING AREA & INSTALL PER PLANS) (5 FT.)	33	EA	1,079	$ 59.00	$ 63,661.00	10A	0.00	$ 59.00	$ (63,661.00)	0.00	0.00	0.00	-	-	-	-
BOLLARD (TRANSPORT FROM STAGING AREA & INSTALL PER PLANS) (6 FT.)	34	EA	442	$ 62.00	$ 27,404.00	10A	0.00	$ 62.00	$ (27,404.00)	0.00	0.00	0.00	-	-	-	-
BOLLARD (TRANSPORT FROM STAGING AREA & INSTALL PER PLANS) (7 FT.)	35	EA	196	$ 74.00	$ 14,504.00	10A,17A	432.00	$ 34.10	$ 227.20	432.00	0.00	432.00	14,731.20	14,731.20	-	-
BOLLARD (TRANSPORT FROM STAGING AREA & INSTALL PER PLANS) (8 FT.)	36	EA	687	$ 87.00	$ 59,769.00	10A	695.00	$ 87.00	$ 696.00	695.00	0.00	695.00	60,465.00	60,465.00	-	-
BOLLARD (TRANSPORT FROM STAGING AREA & INSTALL PER PLANS) (9 FT.)	37	EA	1,128	$ 100.00	$ 112,800.00	10A	1,147.00	$ 100.00	$ 1,900.00	1,147.00	0.00	1,147.00	114,700.00	114,700.00	-	-
BOLLARD (TRANSPORT FROM STAGING AREA & INSTALL PER PLANS) (10 FT.)	38	EA	2,961	$ 102.00	$ 302,022.00	10A,17A,2 1A,31B,35, 36A	2,849.00	$ 102.00	$ (11,424.00)	2,849.00	0.00	2,849.00	290,598.00	290,598.00	-	-
BOLLARD (TRANSPORT FROM STAGING AREA & INSTALL PER PLANS) (12FT.)	39	EA	456	$ 110.00	$ 50,160.00	10A	477.00	$ 110.00	$ 2,310.00	477.00	0.00	477.00	52,470.00	52,470.00	-	-

BOLLARD (TRANSPORT FROM STAGING AREA & INSTALL PER PLANS) (20FT.)	40	EA	554	$ 276.00	$ 152,904.00	10A,17A,2 1A,25,34,3 5,36A,41	1,221.00	$ 232.373464373	$ 130,824.00	1,221.00	0.00	1,221.00	283,728.00	283,728.00	-	-
BOLLARD (SUPPLY, CUT & WELD ANGLE IRON SUPORTS) (4 IN X 4 IN X 1/4 IN 8 FT)	41	LF	8,207	$ 24.00	$ 196,968.00	10A,17A,2 1A,25,34	7,749.00	$ 24.00	$ (10,992.00)	7,749.00	0.00	7,749.00	185,976.00	185,976.00	-	-
SIGN (REMOVE & REPLACE)	42	EA	5	$ 240.00	$ 1,200.00				$ -	5.00	0.00	5.00	1,200.00	1,200.00	-	-
SIGN (REMOVE & RELOCATE)	43	EA	22	$ 360.00	$ 7,920.00				$ -	22.00	0.00	22.00	7,920.00	7,920.00	-	-
FLAP GATES W/ WALL PIPE & TEE (6 IN.)	44	EA	14	$ 2,000.00	$ 28,000.00				$ -	14.00	0.00	14.00	28,000.00	28,000.00	-	-
CAT OPENING	45	EA	2	$ 500.00	$ 1,000.00	21A,25,42	0.00	$ 500.00	$ (1,000.00)	0.00	0.00	0.00	-	-	-	-
ANTI CLIMBING FENCE	46	EA	2	$ 10,000.00	$ 20,000.00	21A,25,35	7.00	$ 10,000.00	$ 50,000.00	7.00	0.00	7.00	70,000.00	70,000.00	-	-
48" STAND PIPE (TO BE CAPPED IN PLACE)	47	EA	1	$ 6,000.00	$ 6,000.00				$ -	1.00	0.00	1.00	6,000.00	6,000.00	-	-
SHEET WALL DRAIN MATERIAL	48	SF	0	$ -	$ -	2, 21A,25,31 B,34, 41	69,541.00	$ 3.2628594642	$ 226,902.51	69,541.00	0.00	69,541.00	226,902.51	226,902.51	-	-
ADVANCE FEE TO AEP	49	LS	0	$ -	$ -	7A	1.00	$ 16,505.80	$ 16,505.80	1.00	0.00	1.00	16,505.80	16,505.80	-	-
REMOVE CONCRETE HEADWALL	51	EA	0	$ -	$ -	15	1.00	$ 1,250.00	$ 1,250.00	1.00	0.00	1.00	1,250.00	1,250.00	-	-
CONSTRUCT CONCRETE HEADWALL	52	EA	0	$ -	$ -	15	1.00	$ 5,500.00	$ 5,500.00	1.00	0.00	1.00	5,500.00	5,500.00	-	-
PRE-CAST 36" 45 DEGREE BEND	53	EA	0	$ -	$ -	15	1.00	$ 1,800.00	$ 1,800.00	1.00	0.00	1.00	1,800.00	1,800.00	-	-
36" RCP CLASS V	54	LF	0	$ -	$ -	15	38.00	$ 150.00	$ 5,700.00	38.00	0.00	38.00	5,700.00	5,700.00	-	-
BOLLARD (TRANSPORT FROM STAGING AREA & FABRICATE (10')	58	EA	0	$ -	$ -	17A	120.00	$ 62.10	$ 7,452.00	120.00	0.00	120.00	7,452.00	7,452.00	-	-
STONE RIP RAP (24" THICK) (TY R) (DRY)	59	CY	0	$ -	$ -	19A	3,956.00	$ 90.00	$ 356,040.00	3,956.00	0.00	3,956.00	356,040.00	356,040.00	-	-
WELD AN ADDITIONAL 10' BOLLARD (TRANSPORT & WELD)	60	EA	0	$ -	$ -	22,33A	40.00	$ 776.38	$ 31,055.20	40.00	0.00	40.00	31,055.20	31,055.20	-	-
FLEXBASE (NEW) (CALICHE) (TY D GR 6) (8 IN) (RAMP)	61	CY	0	$ -	$ -	21A,25,31 B,35,36A	476.00	$ 30.00	$ 14,280.00	476.00	0.00	476.00	14,280.00	14,280.00	-	-
CONCRETE HEADER	62	LF	0	$ -	$ -	21A,25,35, 36A	184.00	$ 140.79	$ 25,905.36	184.00	0.00	184.00	25,905.36	25,905.36	-	-
TEMPORARY CHAIN LINK FENCE (10 FT)	63	LF	0	$ -	$ -	21A	79.00	$ 58.00	$ 4,582.00	79.00	0.00	79.00	4,582.00	4,582.00	-	-
CONCRETE (BOLLARD FOUNDATION)	64	CY	0	$ -	$ -	28,29	217.00	$ 486.68	$ 105,609.56	217.00	0.00	217.00	105,609.56	105,609.56	-	-
DOUBLE SWING GATE (24 FT)	65	EA	0	$ -	$ -	25,29,42	0.00	$ 2,160.00	$ -	0.00	0.00	0.00	-	-	-	-
REMOVE CHAIN LINK FENCE	66	LS	0	$ -	$ -	25	1.00	$ 200.00	$ 200.00	1.00	0.00	1.00	200.00	200.00	-	-
REMOVE EXISTING CURB AND GUTTER	67	LF	0	$ -	$ -	25	50.00	$ 5.00	$ 250.00	50.00	0.00	50.00	250.00	250.00	-	-
DUCTILE IRON PIPE EXTENSION (6 IN)	68	LF	0	$ -	$ -	25	23.00	$ 40.00	$ 920.00	23.00	0.00	23.00	920.00	920.00	-	-
CHAIN LINK FENCE (10 FT)	69	LF	0	$ -	$ -	25,42	0.00	$ 40.00	$ -	0.00	0.00	0.00	-	-	-	-
HEADWALL FOR FLAP GATES	70	LS	0	$ -	$ -	25,35	2.00	$ 600.00	$ 1,200.00	2.00	0.00	2.00	1,200.00	1,200.00	-	-
REMOVE AND RESET FLAP GATE	71	EA	0	$ -	$ -	25,35	2.00	$ 300.00	$ 600.00	2.00	0.00	2.00	600.00	600.00	-	-
REMOVE & RECONSTRUCT OF RETAINING WALL CAP (3 FT CAP) (SALVAGED EXISTING VERTICAL AND HORIZONTAL REINFORCING STEEL)	72	LF	0	$ -	$ -	25	150.00	$ 127.00	$ 19,050.00	150.00	0.00	150.00	19,050.00	19,050.00	-	-
PEDESTRIAN SAFETY FENCE	73	LF	0	$ -	$ -	26,38	28,323.00	$ 16.11	$ 456,283.53	28,323.00	0.00	28,323.00	456,283.53	456,283.53	-	-
REMOVE EXIST. PIPE (60 IN)	74	EA	0	$ -	$ -	31B	1.00	$ 3,885.05	$ 3,885.05	1.00	0.00	1.00	3,885.05	3,885.05	-	-
REMOVE EXIST. HEADWALL (60 IN)	75	EA	0	$ -	$ -	31B	2.00	$ 2,715.41	$ 5,430.82	2.00	0.00	2.00	5,430.82	5,430.82	-	-
REMOVE / SALVAGED (EXIST SLUICE GATE & APPURTENANCES) (18 IN) (RCP)	76	EA	0	$ -	$ -	31B	1.00	$ 563.07	$ 563.07	1.00	0.00	1.00	563.07	563.07	-	-
REINF. CONC. BOX (5 FT X 5 FT)	77	LF	0	$ -	$ -	31B,36A	621.00	$ 263.35	$ 163,540.35	621.00	0.00	621.00	163,540.35	163,540.35	-	-
CANAL BYPASS 80 CFS	78	LS	0	$ -	$ -	31B	1.00	$ 188,174.13	$ 188,174.13	1.00	0.00	1.00	188,174.13	188,174.13	-	-
CONC. HEADWALL (5 FT X 5 FT RCB) (STRAIGHT WING)	79	EA	0	$ -	$ -	35,36A	3.00	$ 7,002.00	$ 21,006.00	3.00	0.00	3.00	21,006.00	21,006.00	-	-
CONC. HEADWALL (5 FT X 5 FT RCB) (SPECIAL)	80	CY	0	$ -	$ -	35,36A	45.00	$ 439.888	$ 19,794.96	45.00	0.00	45.00	19,794.96	19,794.96	-	-
CONSTRUCT GATE WELL STRUCTURE W/ SLUICE GATE, GRATE & LADDER (6 FT X 6 FT)	81	EA	0	$ -	$ -	31B,36A	3.00	$ 117,803.98	$ 353,411.94	3.00	0.00	3.00	353,411.94	353,411.94	-	-
REMOVE EXIST PIPE (24 IN)	82	EA	0	$ -	$ -	31B	1.00	$ 1,971.17	$ 1,971.17	1.00	0.00	1.00	1,971.17	1,971.17	-	-
ANTI-CLIMBING FENCE PANEL (OWNER FURNISHED)	83	LS	0	$ -	$ -	33A	1.00	$ 3,185.01	$ 3,185.01	1.00	0.00	1.00	3,185.01	3,185.01	-	-
REINF CONC PIPE (24 IN) (CL V)	89	LF	0	$ -	$ -	31B,36A	0.00	$ 155.12	$ -	0.00	0.00	0.00	-	-	-	-
BOLLARD (TRANSPORT FROM STAGING AREA & INSTALL PER PLANS) (14FT)	90	EA	0	$ -	$ -	31B,35	0.00	$ 130.00	$ -	0.00	0.00	0.00	-	-	-	-
GENERATOR RENTAL COSTS	91	LS	0	$ -	$ -	37	1.00	$ 55,248.00	$ 55,248.00	1.00	0.00	1.00	55,248.00	55,248.00	-	-
4'-6" EXTENSION	92	CY	0	$ -	$ -	44,47	647.00	$ 419.00	$ 271,093.00	501.00	146.00	647.00	209,919.00	271,093.00	61,174.00	-
2'-8" EXTENSION	93	CY	0	$ -	$ -	44,47	77.00	$ 419.00	$ 32,263.00	60.00	17.00	77.00	25,140.00	32,263.00	7,123.00	-
4'-9" EXTENSION	94	CY	0	$ -	$ -	44,47	75.00	$ 419.00	$ 31,425.00	59.00	16.00	75.00	24,721.00	31,425.00	6,704.00	-
CUT AND SALVAGE EXISTING BOLLARDS	95	EA	0	$ -	$ -	44	4,577.00	$ 20.00	$ 91,540.00	4,577.00	0.00	4,577.00	91,540.00	91,540.00	-	-
REGRADE EXISTING CALICHE	96	SY	0	$ -	$ -	44,47	5,000.00	$ 8.00	$ 40,000.00	5,000.00	0.00	5,000.00	40,000.00	40,000.00	-	-
2" LIGHTING CONDUIT (W/STUB UPS)	97	LF	0	$ -	$ -	44,47	2,401.00	$ 9.77	$ 23,457.77	775.00	1,626.00	2,401.00	7,571.75	23,457.77	15,886.02	-
AEP COST (LIGHT POLE,WIRING & LIGHT FIXTURES)	98	LS	0	$ -	$ -	44,47	1.00	$ 14,703.64	$ 14,703.64	0.00	1.00	1.00	-	14,703.64	14,703.64	-
REMOBILIZATION	99	LS	0	$ -	$ -	44	1.00	$ 36,000.00	$ 36,000.00	0.00	1.00	1.00	-	36,000.00	36,000.00	-
CHAINLINK FENCE (9 GAGE)(8')	100	LS	0	$ -	$ -	46	1.00	$ 74,245.16	$ 74,245.16	0.00	1.00	1.00	-	74,245.16	74,245.16	-
ENGINEERING INSPECTION	N/A	DAY	0	$ -	$ -	36A	70.00	$ 90.30	$ 6,321.00	70.00	0.00	70.00	6,321.00	6,321.00	-	-

		TOTAL COMPLETE TO-DATE	TOTAL CURRENT CONTRACT EARNED	CONTRACT BALANCE TO COMPLETE
ORIGINAL CONTRACT AMOUNT:	$ 14,197,729.40			
NET CHANGES BY CHANGE ORDER(S)	$ 3,354,118.70			
TOTAL CONTRACT AMOUNT TO DATE	$ 17,551,848.10	$ 17,223,270.28	$ 17,545,848.10	$ 322,577.82	$ 6,000.00

Estimated % Project Completion to Date: 99.97%

LESS RETAINAGE @ 10%	$ 1,754,584.81	$ 32,257.78
RELEASED RETAINAGE PR #11	$ 709,656.44	$ -
CREDIT FOR ENGINEERING INSPECTION	$ (6,321.00)	$ -
RELEASED RETAINAGE PR #19	$ 486,657.64	$ -
LESS Previous Requests for Payments	$ 16,685,513.81	$ -
DEFECTIVE WORK CO NO. 39	$ (5,057.67)	$ -
DEFECTIVE WORK CO NO. 40	$ (364.85)	$ -
TOTAL AMOUNT DUE THIS REQUEST	$ 290,320.04	$ 290,320.04

HIDALGO COUNTY
DEC - 9 2011
DRAINAGE DISTRICT #1