



INVOICE

Pharr, TX
956-283-8254

Project Mgr: Lupe Leal

Project: Hidalgo County PCT2 Admin Offices & Multi-Purpose Facility Pavement Rehabilitation Project
300 W Hall Acres Rd Suite A
Pharr, TX 78577

To: Hidalgo County TX
C/O:Hidalgo County Precinct #2
Attn: Roy Garcia
4011 S. Veterans Blvd.
San Juan, TX 78589

REMIT TO:	
Invoice Number: TM07714	
Terracon Consultants, Inc. PO Box 959673 St Louis, MO 63195-9673	
Federal E.I.N.: 42-1249917	

Project Number:	88231277
Invoice Date:	5/20/2024
Services Through:	5/18/2024

PO 873308

Date	Report	Description of Services	Quantity	Rate	Total
4/30/24	88231277.0010	Project Manager	0.50	\$150.00	\$75.00
4/30/24	88231277.0010	Engineering Technician, hour - OT	2.00	\$112.50	\$225.00
4/30/24	88231277.0010	Engineering Technician, hour	1.50	\$75.00	\$112.50
4/30/24	88231277.0010	Vehicle Trip Charge, per mile	6.00	\$0.65	\$3.90
5/9/24	88231277.0011	Project Manager	0.50	\$150.00	\$75.00
5/9/24	88231277.0011	Engineering Technician, hour	3.00	\$75.00	\$225.00
5/9/24	88231277.0011	Vehicle Trip Charge, per mile	8.00	\$0.65	\$5.20
5/9/24	88231277.0011	Field Density Test (Nuclear) - ASTM D6938/Tex-115-E, each	5.00	\$22.00	\$110.00
5/14/24	88231277.0012	Project Manager	0.50	\$150.00	\$75.00
5/14/24	88231277.0012	Engineering Technician, hour	3.00	\$75.00	\$225.00
5/14/24	88231277.0012	Vehicle Trip Charge, per mile	15.00	\$0.65	\$9.75

PO # 873308
4 -1359-431-00-122-162 -0- 740
Req # 485100
\$ 1,141.35

Invoice Total \$1,141.35

Approved

Er R

05/28/2024

OK
[Signature]
5/28/24

INVOICE RECEIVED BY:

Roy Garcia ON 05/28/24

GOODS/SERVICES RECEIVED BY:

Roy Garcia ON 04/30/24, 05/09/24 & 05/14/24

TERMS: DUE UPON PRESENTATION OF INVOICE

5/29/24

CONCRETE COMPRESSIVE STRENGTH TEST REPORT



1506 Mid Cities Dr
Pharr, TX 78577-2128
956-283-8254 Reg No: F-3272

Report Number: 88231277.0010 ✓
Service Date: 04/30/24 ✓
Report Date: 05/29/24 Revision 2 - 28-day results
Task: Concrete Observation-Testing

Client

Hidalgo County TX
c/o Hidalgo County Precinct #2
Attn: Roy Garcia
4011 S. Veterans Blvd.
San Juan, TX 78589

Project

Hidalgo County PCT2 Admin Offices & Multi-Purpose Facility Pavement Reh.
300 W Hall Acres Rd Suite A
Pharr, TX 78577

Project Number: 88231277

Material Information

Specified Strength: 3,000 psi @ 28 days
Mix ID: 4000 psi lake way
Supplier: 57 Concrete
Batch Time: 0526 **Plant:** Mission P2
Truck No.: 11 **Ticket No.:** 7274

Sample Information

Sample Date: 04/30/24 **Sample Time:** 0640
Sampled By: Jovany Garcia
Weather Conditions: Cloudy
Accumulative Yards: 10 **Batch Size (cy):** 10
Placement Method: Chute
Water Added Before (gal): 0
Water Added After (gal): 0
Sample Location: Concrete Test No. 1
Placement Location: West Parking Lot - Valley Gutter
Sample Description: 4-inch diameter cylinders

Field Test Data

Test	Result	Specification
Slump (in):	4 1/4	4 - 6
Air Content (%):	1.8	
Concrete Temp. (F):	90	Max 95
Ambient Temp. (F):	78	
Plastic Unit Wt. (pcf):		
Yield (Cu. Yds.):		

Laboratory Test Data

Set No.	Spec ID	Cyl. Cond.	Avg Diam. (in)	Area (sq in)	Date Received	Date Tested	Age at Test (days)	Max Load (lbs)	Comp Strength (psi)	Frac Type	Tested By
1	A	Good	4.00	12.57		05/07/24	7	46,350	3,690	4	JAG
1	B	Good	4.00	12.57		05/28/24	28	57,060	4,540	3	JAG
1	C	Good	4.00	12.57		05/28/24	28	56,030	4,460	3	JAG
1	D	Good	4.00	12.57		05/28/24	28	56,090	4,460	4	JAG
									Average (28 days)	4,490	
1	E		4.00	12.57		06/25/24	56				

Initial Cure: Onsite Cooler

Final Cure: Water Storage Tank

Comments: Average compressive strength of 28 day cylinders complies with the specified strength. Not tested for plastic unit weight.

Samples Made By: Terracon

Services: Obtained samples of fresh concrete at the placement locations (ASTM C-172), performed required field tests and cast, cured, and tested compressive strength samples (ASTM C-31, C-39, C-1231).

Terracon Rep.: Jovany Garcia

Reported To: Angel with GDJ Engineering

Contractor: GDJ Engineering

Report Distribution:

- (1) Hidalgo County TX, Roy Garcia
- (1) GDJ Engineering, Eddie Ramirez
- (1) Hector Rivera, Hector Rivera
- (1) Terracon LLC, Domingo Pequeno

Test Methods: ASTM C 31, ASTM C39, ASTM C143, ASTM C172, ASTM C231, ASTM C1064, ASTM C1231

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

CONCRETE COMPRESSIVE STRENGTH TEST REPORT

Report Number: 88231277.0010
Service Date: 04/30/24
Report Date: 05/29/24 Revision 2 - 28-day results
Task: Concrete Observation-Testing



1506 Mid Cities Dr
Pharr, TX 78577-2128
956-283-8254 Reg No: F-3272

Client

Hidalgo County TX
c/o Hidalgo County Precinct #2
Attn: Roy Garcia
4011 S. Veterans Blvd.
San Juan, TX 78589

Project

Hidalgo County PCT2 Admin Offices & Multi-Purpose Facility Pavement Reh.
300 W Hall Acres Rd Suite A
Pharr, TX 78577

Project Number: 88231277

Material Information

Specified Strength: 3,000 psi @ 28 days
Mix ID: 4000 psi lake way
Supplier: 57 Concrete
Batch Time: 0615 **Plant:** Mission P2
Truck No.: 35 **Ticket No.:** 7281

Sample Information

Sample Date: 04/30/24 **Sample Time:** 0705
Sampled By: Jovany Garcia
Weather Conditions: Cloudy
Accumulative Yards: 30 **Batch Size (cy):** 10
Placement Method: Chute
Water Added Before (gal): 0
Water Added After (gal): 0
Sample Location: Concrete Test No.2
Placement Location: West Parking Lot - Valley Gutter
Sample Description: 4-inch diameter cylinders

Field Test Data

Test	Result	Specification
Slump (in):	9 1/2	* 4 - 6
Air Content (%):	0.9	
Concrete Temp. (F):	90	Max 95
Ambient Temp. (F):	79	

Plastic Unit Wt. (pcf):

Yield (Cu. Yds.):

* = Field Test Results do not meet project specifications.

Laboratory Test Data

Set No.	Spec ID	Cyl. Cond.	Avg Diam. (in)	Area (sq in)	Date Received	Date Tested	Age at Test (days)	Max Load (lbs)	Comp Strength (psi)	Frac Type	Tested By
2	A	Good	4.00	12.57		05/07/24	7	37,340	2,970	5	JAG
2	B	Good	4.00	12.57		05/28/24	28	46,890	3,730	5	JAG
2	C	Good	4.00	12.57		05/28/24	28	48,370	3,850	5	JAG
2	D	Good	4.00	12.57		05/28/24	28	46,020	3,660	4	JAG
								Average (28 days)	3,750		
2	E		4.00	12.57		06/25/24	56				

Initial Cure: Onsite Cooler

Final Cure: Water Storage Tank

Comments: Average compressive strength of 28 day cylinders complies with the specified strength. Not tested for plastic unit weight.

Samples Made By: Terracon

Services: Obtained samples of fresh concrete at the placement locations (ASTM C-172), performed required field tests and cast, cured, and tested compressive strength samples (ASTM C-31, C-39, C-1231).

Terracon Rep.: Jovany Garcia

Reported To: Angel with GDJ Engineering

Contractor: GDJ Engineering

Report Distribution:

(1) Hidalgo County TX, Roy Garcia (1) GDJ Engineering, Eddie Ramirez
(1) Hector Rivera, Hector Rivera (1) Herrcon LLC, Domingo Pequeno

Test Methods: ASTM C 31, ASTM C39, ASTM C143, ASTM C172, ASTM C231, ASTM C1064, ASTM C1231

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

CONCRETE COMPRESSIVE STRENGTH TEST REPORT

Report Number: 88231277.0010
Service Date: 04/30/24
Report Date: 05/29/24 Revision 2 - 28-day results
Task: Concrete Observation-Testing



1506 Mid Cities Dr
Pharr, TX 78577-2128
956-283-8254 Reg No: F-3272

Client

Hidalgo County TX
c/o Hidalgo County Precinct #2
Attn: Roy Garcia
4011 S. Veterans Blvd.
San Juan, TX 78589

Project

Hidalgo County PCT2 Admin Offices & Multi-Purpose Facility Pavement Reh.
300 W Hall Acres Rd Suite A
Pharr, TX 78577

Project Number: 88231277

Material Information

Specified Strength: 3,000 psi @ 28 days
Mix ID: 4000 psi lake way
Supplier: 57 Concrete
Batch Time: 0621 **Plant:** Mission P2
Truck No.: 33 **Ticket No.:** 7282

Sample Information

Sample Date: 04/30/24 **Sample Time:** 0730
Sampled By: Jovany Garcia
Weather Conditions: Cloudy
Accumulative Yards: 40 **Batch Size (cy):** 10
Placement Method: Chute
Water Added Before (gal): 0
Water Added After (gal): 0
Sample Location: Concrete Test No. 3
Placement Location: West Parking Lot - Valley Gutter
Sample Description: 4-inch diameter cylinders

Field Test Data

Test	Result	Specification
Slump (in):	6 3/4	* 4 - 6
Air Content (%):	1.0	
Concrete Temp. (F):	90	Max 95
Ambient Temp. (F):	80	
Plastic Unit Wt. (pcf):		
Yield (Cu. Yds.):		

* = Field Test Results do not meet project specifications.

Laboratory Test Data

Set No.	Spec ID	Cyl. Cond.	Avg Diam. (in)	Area (sq in)	Date Received	Date Tested	Age at Test (days)	Max Load (lbs)	Comp Strength (psi)	Frac Type	Tested By
3	A	Good	4.00	12.57		05/07/24	7	34,150	2,720	5	JAG
3	B	Good	4.00	12.57		05/28/24	28	43,650	3,470	4	JAG
3	C	Good	4.00	12.57		05/28/24	28	47,770	3,800	3	JAG
3	D	Good	4.00	12.57		05/28/24	28	45,220	3,600	5	JAG
							Average (28 days)		3,620		
3	E		4.00	12.57		06/25/24	56				

Initial Cure: Onsite Cooler

Final Cure: Water Storage Tank

Comments: Average compressive strength of 28 day cylinders complies with the specified strength. Not tested for plastic unit weight.

Samples Made By: Terracon

Services: Obtained samples of fresh concrete at the placement locations (ASTM C-172), performed required field tests and cast, cured, and tested compressive strength samples (ASTM C-31, C-39, C-1231).

Terracon Rep.: Jovany Garcia

Reported To: Angel with GDJ Engineering

Contractor: GDJ Engineering

Report Distribution:

- (1) Hidalgo County TX, Roy Garcia
- (1) GDJ Engineering, Eddie Ramirez
- (1) Hector Rivera, Hector Rivera
- (1) Herrcon LLC, Domingo Pequeno

Reviewed By:

Digitally signed by
Lupe Leal
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Uploaded
Date:
2024-05-29
09:11:52
PDT
Guadalupe Leal
Project Manager

Test Methods: ASTM C 31, ASTM C39, ASTM C143, ASTM C172, ASTM C231, ASTM C1064, ASTM C1231

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

DEVIATION LOG

Report Date: 5/29/2024



1506 Mid Cities Dr
Pharr, TX 78577-2128
956-283-8254

Client

Hidalgo County TX
Hidalgo County Precinct #2
Attn: Roy Garcia
4011 S. Veterans Blvd.
San Juan, TX 78589

Project

Hidalgo County PCT2 Admin Offices & Multi-Purpose Facility
Pavement Rehabilitation Project
300 W Hall Acres Rd Suite A
Pharr, TX 78577

Project Number: 88231277

Deviation No.	Report No.	Service	Service Date	Description/Comments	How Resolved	Date Resolved	Status
D000001	0010	Concrete Compressive Strength Test	04/30/24	West Parking Lot - Valley Gutter, Concrete Test No.2 - Slump does not comply, Set 2			Open
D000002	0010	Concrete Compressive Strength Test	04/30/24	West Parking Lot - Valley Gutter, Concrete Test No. 3 - Slump does not comply, Set 3			Open
D000003	0010	Concrete Compressive Strength Test	04/30/24	West Parking Lot - Valley Gutter, Concrete Test No.2 - Average compressive strength does not comply, Set 2 Age 28			Open
D000004	0010	Concrete Compressive Strength Test	04/30/24	West Parking Lot - Valley Gutter, Concrete Test No. 3 - Average compressive strength does not comply, Set 3 Age 28			Open

FIELD DENSITY TEST REPORT

Report Number: 88231277.0011 ✓
Service Date: 05/09/24 ✓
Report Date: 05/13/24 ✓
Task: Earthwork Observation-Testing



1506 Mid Cities Dr
 Pharr, TX 78577-2128
 956-283-8254 Reg No: F-3272

Client

Hidalgo County TX
 c/o Hidalgo County Precinct #2
 Attn: Roy Garcia
 4011 S. Veterans Blvd.
 San Juan, TX 78589

Project

Hidalgo County PCT2 Admin Offices & Multi-Purpose Facility Pavement
 300 W Hall Acres Rd Suite A
 Pharr, TX 78577

Project Number: 88231277

Material Information

Mat. No.	Proctor Ref. No.	Classification and Description	Laboratory Test Method	Lab Test Data		Project Requirements	
				Opt. Water Content (%)	Max. Lab Density (pcf)	Water Content (%)	Compaction (%)
1	88231277.0005	Light Brown Caliche with Lime	ASTM D1557	19.5	105.0	17.5 - 21.5	95

Field Test Data

Test No.	Test Location	Lift / Elev.	Mat. No.	Probe Depth (in)	Wet Density (pcf)	Water Content (pcf)	Water Content (%)	Dry Density (pcf)	Percent Compaction (%)
West Parking Lot Phase 4 and Phase 5									
1	Test No.1	Final	1	8	124.8	20.7	19.9	104.1	99.1
2	Test No.2	Final	1	8	126.6	19.5	18.2	107.1	100+
3	Test No.3	Final	1	8	127.4	20.4	19.1	107.0	100+
4	Test No.4	Final	1	8	126.7	22.3	21.4	104.4	99.4
5	Test No.5	Final	1	8	124.3	21.8	21.3	102.5	97.6

Datum: Top of existing grade

Std. Cnt. M: 537 **Std. Cnt. D:** 1663

S/N: 32391

Make: Troxler

Model: 3440

Last Cal. Date: 01/26/2024

Comments: Test and/or retest results on this report meet project requirements as noted above.

Services: Performed in-place density and moisture content tests to determine degree of compaction and material moisture condition.

Terracon Rep.: Eliseo Salinas

Reported To: Eddie Ramirez with GDJ Engineering

Contractor: S&W Paving

Report Distribution:

(1) Hidalgo County TX, Roy Garcia

(1) GDJ Engineering, Eddie Ramirez

(1) Hector Rivera, Hector Rivera

(1) Herrcon LLC, Domingo Pequeno

Reviewed By:

Digitally signed by
 Lupe Leal
 Seal
 Uploaded
 Date:
 2024-05-13
 12:53:25
 PDT
 Guadalupe Leal
 Project Manager

Test Methods: ASTM D6938

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

ASPHALT OBSERVATIONS REPORT



Report Number: 88231277.0012
Service Date: 05/14/24
Report Date: 05/17/24
Task: Hot Mix Asphalt Testing

1506 Mid Cities Dr
Pharr, TX 78577-2128
956-283-8254 Reg No: F-3272

Client

Hidalgo County TX
c/o Hidalgo County Precinct #2
Attn: Roy Garcia
4011 S. Veterans Blvd.
San Juan, TX 78589

Project

Hidalgo County PCT2 Admin Offices & Multi-Purpose
300 W Hall Acres Rd Suite A
Pharr, TX 78577

Project Number: 88231277

On May 14, 2024, Mr. Bryan Briones with Terracon Consultants, Inc., visited the above referenced project at the request of Mr. Eddie Ramirez with GDJ Engineering. Hot-mix asphaltic concrete (HMAC) laydown was in progress. The following items were observed, tested and/or discussed:

Material Supplier: Valley Asphalt
Material: HMAC, Type D
Job Mix Id (JMF): Not Provided

Location of Asphalt Placement: Parking Lot

Asphalt Temperature:

Leaving Plant: Not Witnessed
At Project Site, Prior to Placement (Range): 270 - 290°F
At Laydown (Range): 270 - 280°F

Notes:

- A prime coat was applied to the base material prior to HMAC placement;
- About 2.5 inches of compacted HMAC were placed on this course;
- A rolling pattern was established with a Non-Nuclear Density Gauge (Tex-207-F, Part IV);
- *Non-Nuclear density tests ranged from 91.8 to 93.3% of the Maximum Theoretical Density (152.6 pcf) provided by Mr. Eduardo with Valley Asphalt;
- Rolling pattern established in highlighted area on attached site plan.

*The density results obtained by this method are relative. For actual density results, a conversion factor can be developed to convert nuclear density by comparing nuclear density measurements and drilled core densities of the asphaltic concrete layer at the same randomly selected locations. Core densities should be considered more representative than nuclear densities.

Services: Observed the placement of asphalt, established a rolling pattern, and sampled material for laboratory testing.

Terracon Rep.: Bryan Briones
Reported To: Eddie Ramirez with GDJ Engineering
Contractor:
Report Distribution:
(1) Hidalgo County TX, Roy Garcia (1) GDJ Engineering, Eddie Ramirez
(1) Hector Rivera, Hector Rivera (1) Herrcon LLC, Domingo Pequeno

Reviewed By:

Digitally signed by
Lupe Leal
Seal
Uploaded
Date:
2024-05-17
08:16:05
Guadalupe Leal
Project Manager

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.



Purchase Order COUNTY OF HIDALGO

PO# 873308

DATE: 12/18/23

PAGE NO: 1 Of 1

PO TYPE:

VENDOR: 369756

REQ: 00485100

PHONE:

EMAIL:

SHIP TO: HIDALGO CO. PCT 2

300 WEST HALL ACRES, SUITE G
PHARR TX 78577

TERRACON CONSULTANTS, INC.
1506 MID-CITIES DRIVE
PHARR TX 78577

CONTACT: ROY GARCIA

(956) 787-1891

SITE: COMMISSIONER, PRECINCT 2

CONTRACT NO: C-23-0420-10-31

SPECIAL INSTRUCTIONS:

VENDOR NOTES

1. Do not add to, or alter this Purchase Order. This Order is not renewable.
2. TAX EXEMPTION: This Purchase Order may be accepted in lieu of Exemption Certificate.
3. This Order is also placed F.O.B. Destination. Vendor must repay all shipping costs.
4. Invoice each Purchase Order singly. Original invoices are required customer copy may be accepted. Out number must appear on all invoices, bills of lading, and packages.
5. Payment will be made only for bona fide and full completed orders, unless otherwise attached.

QTY	UOM	DESCRIPTION	UNIT PRICE	AMOUNT
		DO NOT DUPLICATE ORDER		
1.00	LOT	C-23-0420-10-31 - PCT 2 ADMINISTRATION COMPLEX PARKING LOT REHABILITATION PROJECT - CONSTRUCTION MATERIAL TESTING SERVICES WORK AUTHORIZATION NO. 2 APPROVED BY CC 10/31/23 AI#93092 CC WORK AUTHORIZATION NO. 2 FOR THE ENGINEER TO PROVIDE CONSTRUCTION MATERIAL TESTING SERVICES FOR THE PCT 2 ADMINISTRATION COMPLEX PARKING LOT REHABILITATION PROJECT	21,937.5000	21,937.50
		TOTAL:		21,937.50
		REPORT ROAD HAZARDS 1-866-HCR-SAFE OR 1-866-427-7233		
		----- For Hidalgo County use only 4-1359-431-00-122-162-0-740		21,937.50

Authorized by: _____

Ignacio Amigosa