



P.O. Box 2724
 McAllen, Tx. 78502
 (956) 585-3773

Invoice

Date	Invoice #
6/4/2025	20497

Please send remittance with copy of invoice to:
 Attn: Mrs. Aisha Gonzalez
 P.O. Box 2724
 McAllen, Tx. 78502

Bill To:
 Hidalgo County Precinct #2
 300 W. Hall Acres Rd.
 Pharr, TX 78577

Project Info:
 Recreational Trails Connectivity McAllen Seg 2
 Contract # C-21-0944-02-08
 Work Authorization #4

PO# 888353
 B2Z JOB: 2320

RECEIVED JUN - 4 2025

Billing Period May 2025

Description	Contract	Previous Applications	Current Completed	Total Completed	% Complete	bal
Construction Contract Administration	\$ 17,346.35	\$ 5,030.44	\$ 2,775.42	\$ 7,805.86	45%	9,540.49
Construction Management & Inspection						
Construction Management (During Construction)	\$ 22,836.75	\$ 6,622.66	\$ 3,653.88	\$ 10,276.54	45%	12,560.21
Construction Inspection	\$ 60,750.40	\$ 17,617.62	\$ 9,720.06	\$ 27,337.68	45%	43,412.72
Construction Management (Post Construction)	\$ 2,824.76	\$ 169.49	\$ (0.00)	\$ 169.49	6%	2,655.27
Direct Expenses						
Mileage	\$ 5,976.00	\$ 1,733.04	\$ 956.16	\$ 2,689.20	45%	3,286.80
Construction Material Testing (CMT)	\$ 48,147.06	\$ 13,962.64	\$ 7,703.53	\$ 21,666.17	45%	26,480.89
	<u>157,881.32</u>	<u>45,135.89</u>	<u>24,809.05</u>	<u>69,944.94</u>		<u>87,936.38</u>
Total For This Billing Period						24,809.05

Work Authorization ~ Summary

WA No.	WA Amount	Previously Inv.	Percent Complete	Remaining Balance
4	\$157,881.32	\$45,135.89	44.3%	\$87,936.38

Aisha Gonzalez - President

INVOICE RECEIVED BY:
Lupita Garza ON 06/04/25
 GOODS/SERVICES RECEIVED BY:
Eduardo Cantu ON 05/01-31/25

PO # 888353
5 -1290-452 -67 -115 -233 -2- 740
 Req # 502487
 \$ 24,809.05

June 4, 2025

Hon. Eddie Cantu
 Commissioner, Hidalgo County Pct. 2
 300 W. Hall Acres Rd.
 Pharr, TX 78577

RE: Contract # C-21-0944-02-08 - PCT 2
Recreational Trails Connectivity McAllen Segment 2 (CDBG)
Work Authorization #4 ~ Construction Management and CMT

Dear Commissioner Cantu:

Attached for review and approval is our invoice for services rendered under Work Authorization #4 during the month of May 2025 on the subject referenced project.

The following is attached: ✓
 • Invoice No. 20497

The following is a narrative of the progress for this period.

TASK	% Complete
Construction Contract Administration	45% ✓
<u>UPDATED:</u> <ul style="list-style-type: none"> ▪ B2Z continues to review project plans, general notes, general conditions, change order plans and bid tabulations and other pertinent project documents. ▪ B2Z conducted the Project Pre-Construction Meeting with HCDD1, Design Engineer of record and Construction Contractor and the City of McAllen ▪ B2Z coordinated with Design Engineer of Record and Construction Contractor on project plan questions/concerns. ▪ B2Z is monitoring construction activities and ensuring any deviations are redlined on the Contractor’s as-built plans. ▪ B2Z continues to prepare and submit monthly invoices. 	
<i>Construction Management & Inspection</i>	
Construction Management (During Construction)	45% ✓
<u>UPDATED:</u> Pay Applications: <ul style="list-style-type: none"> ▪ #1 - \$96,500.00 	

<ul style="list-style-type: none"> ▪ #2 - \$69,100.00 ▪ #3 - \$78,900.00 ▪ #4 - \$162,378.75 ▪ #5 - \$241,106.91 <p>Change Orders: N/A</p>	
Construction Inspection	45% /
<p>UPDATED: B2Z continues conducting daily job-site inspections to document the following: Job-site conditions, weather conditions, job-site safety, job progress, material deliveries, and installed construction.</p>	
Construction Management (Post Construction)	6% /
<p>NO UPDATE:</p>	
Direct Expenses	
Construction Material Testing (CMT)	45% /
<p>UPDATED: B2Z performed the following concrete tests for the month of May.</p> <ul style="list-style-type: none"> • CMS2-6C 28 Day • CMS2-7C 28 Day • CMS2-8C 28 Day • CMS2-9C 28 Day • CMS2-10C 28 Day • CMS2-11C 28 Day • CMS2-12C 28 Day • CMS2-13C 28 Day • CMS2-14C 7 Day • CMS2-14C 28 Day 	

Should you have any questions regarding this submittal, please do not hesitate to give me a call at 956-585-3773.

Sincerely,



David Rivera
Project Manager

Mission Office

900 S Stewart Rd, Ste. 2
Mission, TX 78572
Phone: 956-585-3773

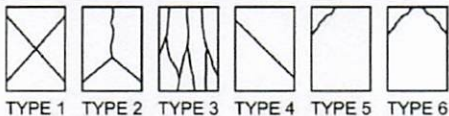
Client:

Hidalgo County Precinct No. 2
300 W Hall Acres, Ste. G
Pharr, TX 78577

Project:

2320
Pct 2- CDBG McAllen Segment 2
various
McAllen, TX

Sample Details										
Set #:	6	Technician:	Omar Zarate	Batched:	03:49 CDT					
Specimen Size:	4 x 8 Cast Cylinder	Cast By:	Omar Zarate	Sampled:	04:38 CDT					
Specimens In Set:	3	Date Cast:	03/26/25	Cast:	04:43 CDT					
Truck / Ticket #:	278SANTIA / 88821	Sampled From:	Chute	Truck Empty:	05:10 CDT					
Contractor:	Synergy	Placement Method:	Chute	Placement Time:	81 (min)					
Location										
Placement Location:	Concrete Paving - Sidewalk									
Location Details:	351+00 - 356+00									
Sample Location / Notes:	Sidewalk N of balboa ave									
Batch Log						Specifications				
Supplier:	L & R Ready Mix	Mix Design:	3600 PSI	Strength:	3600 (psi)					
On-Site Admixtures:	None									
Field Measurements										
Weather:	Light humidity	Slump (in):	4-1/2	Plastic Unit Weight:						
Air Temperature (F):	73	Concrete Temp (F):	88	Air Content:						
				Load Volume:	18.00 (yd ³)					
Standard Cure					Field Cure					
Min / Max Temp (F):	72/82									
Initial Cure Method:	Plastic Cover/Lid/Blanket									
Final Cure Method:	Water Storage Tank									
Lab Test Results										
Testing Lab: B2Z Mission Lab, 900 S. Stewart Rd., Suite 2, Mission, TX, 78572										
Specimen Number	Test Age Days	Test Date	Field / Lab Cure Days	Average Cylinder Diameter (in)	Cylinder Area (in ²)	Max Load (lbs)	Strength (psi)	Fracture Type	Break Remark	Capping Method
6-1	7	04/02/25	1 / 6	4.00	12.57	38,226	3,040	2	F3	1
6-2	28	04/23/25	1 / 27	4.00	12.57	49,868	3,970	3	R8	1
6-3	28	04/23/25	1 / 27	4.00	12.57	54,588	4,340	2	R8	1
Test Age Average Strengths (psi): 7 Day - 3040, 28 Day - 4150										
									Capping Methods	
F3: The 7 day test results did not meet the specifications. R8: The 28 day test results meets specified strength. Tested By: Jaykob Quintanilla (1,2,3) Checked In : 03/27/2025 (1,2,3)									1: Neoprene Pad	



Respectfully Submitted by B2Z Engineering

Jorge Solis

Jorge Solis, Laboratory Manager

Mission Office

900 S Stewart Rd, Ste. 2
Mission, TX 78572
Phone: 956-585-3773

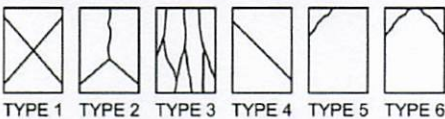
Client:

Hidalgo County Precinct No. 2
300 W Hall Acres, Ste. G
Pharr, TX 78577

Project:

2320
Pct 2- CDBG McAllen Segment 2
various
McAllen, TX

Sample Details										
Set #:	7	Technician:	Jorge Gallardo	Batched:	04:59 CDT					
Specimen Size:	4 x 8 Cast Cylinder	Cast By:	Jorge Gallardo	Sampled:	05:21 CDT					
Specimens In Set:	3	Date Cast:	04/01/25	Cast:	05:32 CDT					
Truck / Ticket #:	884 / 88879	Sampled From:	Chute	Truck Empty:	05:48 CDT					
Contractor:	Synergy	Placement Method:	Chute	Placement Time:	49 (min)					
Location										
Placement Location:	Concrete Paving - Sidewalk									
Location Details:	Station: 357+00-363+00									
Sample Location / Notes:	Northeast of agusta/balboa ave									
Batch Log						Specifications				
Supplier:	L & R Ready Mix	Mix Design:	3600 PSI	Strength:	3000 (psi)					
On-Site Admixtures:	None									
Field Measurements										
Weather:	Hot/dark	Slump (in):	6	Plastic Unit Weight:						
Air Temperature (F):	78	Concrete Temp (F):	84	Air Content:						
				Load Volume:	9.00 (yd ³)					
Standard Cure					Field Cure					
Initial Cure Method:	Plastic Cover/Lid/Blanket									
Final Cure Method:	Water Storage Tank									
Lab Test Results										
Testing Lab: B2Z Mission Lab, 900 S. Stewart Rd., Suite 2, Mission, TX, 78572										
Specimen Number	Test Age Days	Test Date	Field / Lab Cure Days	Average Cylinder Diameter (in)	Cylinder Area (in ²)	Max Load (lbs)	Strength (psi)	Fracture Type	Break Remark	Capping Method
7-1	7	04/08/25	1 / 6	4.00	12.57	38,596	3,070	3	R3	1
7-2	28	04/29/25	1 / 27	4.00	12.57	47,983	3,820	5	R8	1
7-3	28	04/29/25	1 / 27	4.00	12.57	48,297	3,840	3	R8	1
Test Age Average Strengths (psi): 7 Day - 3070, 28 Day - 3830										
									Capping Methods	
R3: The 7 day test results meets or exceeds the 28 day specified strength.									1: Neoprene Pad	
R8: The 28 day test results meets specified strength.										
Tested By: Jaykob Quintanilla (1,2,3)										
Checked In : 04/02/2025 (1,2,3)										



Respectfully Submitted by B2Z Engineering

Jorge Solis
Jorge Solis, Laboratory Manager

Mission Office

900 S Stewart Rd, Ste. 2
Mission, TX 78572
Phone: 956-585-3773

Client:

Hidalgo County Precinct No. 2
300 W Hall Acres, Ste. G
Pharr, TX 78577

Project:

2320
Pct 2- CDBG McAllen Segment 2
various
McAllen, TX

Sample Details					
Set #:	8	Technician:	Jose Luis Tabares	Batched:	04:17 CDT
Specimen Size:	4 x 8 Cast Cylinder	Cast By:	Jose Luis Tabares	Sampled:	05:05 CDT
Specimens In Set:	3	Date Cast:	04/03/25	Cast:	05:10 CDT
Truck / Ticket #:	020 / 88940	Sampled From:	Chute	Truck Empty:	05:33 CDT
Contractor:	Synergy	Placement Method:	Chute	Placement Time:	76 (min)

Location	
Placement Location:	Concrete Paving - Sidewalk
Location Details:	Sta#3+70
Sample Location / Notes:	North Side along Covina Rd

Batch Log		Specifications	
Supplier:	L & R Ready Mix	Mix Design:	3600 PSI
On-Site Admixtures:	None	Strength:	3600 (psi)

Field Measurements			
Weather:	Cloudy	Slump (in):	5"
Air Temperature (F):	76	Concrete Temp (F):	85
		Plastic Unit Weight:	
		Air Content:	
		Load Volume:	9.00 (yd ³)

Standard Cure		Field Cure	
Min / Max Temp (F):	75/96		
Initial Cure Method:	Plastic Cover/Lid/Blanket		
Final Cure Method:	Water Storage Tank		

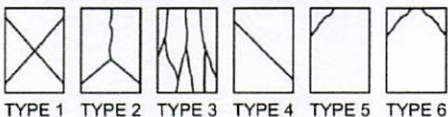
Lab Test Results

Testing Lab: B2Z Mission Lab, 900 S. Stewart Rd., Suite 2, Mission, TX, 78572

Specimen Number	Test Age Days	Test Date	Field / Lab Cure Days	Average Cylinder Diameter (in)	Cylinder Area (in ²)	Max Load (lbs)	Strength (psi)	Fracture Type	Break Remark	Capping Method
8-1	7	04/10/25	1 / 6	4.00	12.57	34,882	2,780	2	F3	1
8-2	28	05/01/25	1 / 27	4.00	12.57	46,082	3,670	3	R8	1
8-3	28	05/01/25	1 / 27	4.00	12.57	48,332	3,850	3	R8	1

Test Age Average Strengths (psi): 7 Day - 2780, 28 Day - 3760

Capping Methods	
F3: The 7 day test results did not meet the specifications.	1: Neoprene Pad
R8: The 28 day test results meets specified strength.	
Tested By: Jaykob Quintanilla (1,2,3)	
Checked In : 04/04/2025 (1,2,3)	



Respectfully Submitted by B2Z Engineering

Jorge Solis, Laboratory Manager

Mission Office

900 S Stewart Rd, Ste. 2
Mission, TX 78572
Phone: 956-585-3773

Client:

Hidalgo County Precinct No. 2
300 W Hall Acres, Ste. G
Pharr, TX 78577

Project:

2320
Pct 2- CDBG McAllen Segment 2
various
McAllen, TX

Sample Details					
Set #:	9	Technician:	Jacob Chavez	Batched:	03:56 CDT
Specimen Size:	4 x 8 Cast Cylinder	Cast By:	Jacob Chavez	Sampled:	04:40 CDT
Specimens In Set:	3	Date Cast:	04/05/25	Cast:	04:50 CDT
Truck / Ticket #:	884 / 89037	Sampled From:	Chute	Truck Empty:	05:25 CDT
Contractor:	Synergy	Placement Method:	Chute	Placement Time:	89 (min)

Location	
Placement Location:	Concrete Paving - Sidewalk
Location Details:	Sta. 370+00 to 376+00
Sample Location / Notes:	Along Covina Avenue

Batch Log		Specifications	
Supplier:	L & R Ready Mix	Mix Design:	3600 PSI
On-Site Admixtures:	None	Strength:	3600 (psi)

Field Measurements			
Weather:	Mostly Clear	Slump (in):	3-1/2
Air Temperature (F):	77	Concrete Temp (F):	88
		Plastic Unit Weight:	
		Air Content:	
		Load Volume:	9.00 (yd ³)

Standard Cure		Field Cure	
Min / Max Temp (F):	71/87		
Initial Cure Method:	Plastic Cover/Lid/Blanket		
Final Cure Method:	Water Storage Tank		

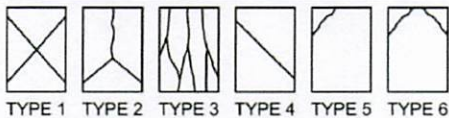
Lab Test Results

Testing Lab: B2Z Mission Lab, 900 S. Stewart Rd., Suite 2, Mission, TX, 78572

Specimen Number	Test Age Days	Test Date	Field / Lab Cure Days	Average Cylinder Diameter (in)	Cylinder Area (in ²)	Max Load (lbs)	Strength (psi)	Fracture Type	Break Remark	Capping Method
9-1	7	04/12/25	2 / 5	4.00	12.57	42,673	3,400	2	F3	1
9-2	28	05/03/25	2 / 26	4.00	12.57	53,178	4,230	3	R8	1
9-3	28	05/03/25	2 / 26	4.00	12.57	54,642	4,350	3	R8	1

Test Age Average Strengths (psi): 7 Day - 3390, 28 Day - 4290

Capping Methods	
F3: The 7 day test results did not meet the specifications. R8: The 28 day test results meets specified strength. Tested By: Jaykob Quintanilla (1,2,3) Checked In : 04/07/2025 (1,2,3)	1: Neoprene Pad



Respectfully Submitted by B2Z Engineering

Jorge Solis
Jorge Solis, Laboratory Manager

Mission Office

900 S Stewart Rd, Ste. 2
Mission, TX 78572
Phone: 956-585-3773

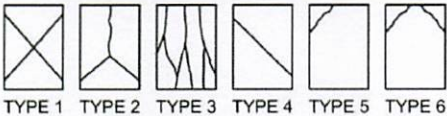
Client:

Hidalgo County Precinct No. 2
300 W Hall Acres, Ste. G
Pharr, TX 78577

Project:

2320
Pct 2- CDBG McAllen Segment 2
various
McAllen, TX

Sample Details										
Set #:	10	Technician:	Jacob Chavez	Batched:	05:09 CDT					
Specimen Size:	4 x 8 Cast Cylinder	Cast By:	Jacob Chavez	Sampled:	05:53 CDT					
Specimens In Set:	3	Date Cast:	04/07/25	Cast:	06:03 CDT					
Truck / Ticket #:	280 / 89109	Sampled From:	Chute	Truck Empty:	06:20 CDT					
Contractor:	Synergy	Placement Method:	Chute	Placement Time:	71 (min)					
Location										
Placement Location:	Concrete Paving - Sidewalk									
Location Details:	Sta 376+00 Thru 382+00									
Sample Location / Notes:	Off of Covina Ave.									
Batch Log						Specifications				
Supplier:	L & R Ready Mix	Mix Design:	3600 PSI	Strength:	3600 (psi)					
On-Site Admixtures:	None									
Field Measurements										
Weather:	Clear	Slump (in):	4-1/2	Plastic Unit Weight:						
Air Temperature (F):	56	Concrete Temp (F):	75	Air Content:						
				Load Volume:	9.00 (yd ³)					
Standard Cure					Field Cure					
Min / Max Temp (F):	54/76									
Initial Cure Method:	Plastic Cover/Lid/Blanket									
Final Cure Method:	Water Storage Tank									
Lab Test Results										
Testing Lab: B2Z Mission Lab, 900 S. Stewart Rd., Suite 2, Mission, TX, 78572										
Specimen Number	Test Age Days	Test Date	Field / Lab Cure Days	Average Cylinder Diameter (in)	Cylinder Area (in ²)	Max Load (lbs)	Strength (psi)	Fracture Type	Break Remark	Capping Method
10-1	7	04/14/25	1 / 6	4.00	12.57	42,776	3,400	3	F3	1
10-2	28	05/05/25	1 / 27	4.00	12.57	50,283	4,000	3	R8	1
10-3	28	05/05/25	1 / 27	4.00	12.57	55,604	4,420	2	R8	1
Test Age Average Strengths (psi): 7 Day - 3400, 28 Day - 4210										
									Capping Methods	
F3: The 7 day test results did not meet the specifications. R8: The 28 day test results meets specified strength. Tested By: Jaykob Quintanilla (1,2,3) Checked In : 04/08/2025 (1,2,3)									1: Neoprene Pad	



Respectfully Submitted by B2Z Engineering

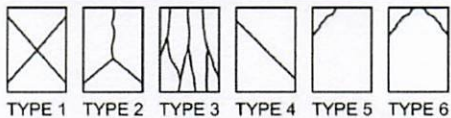
Jorge Solis, Laboratory Manager

Mission Office
 900 S Stewart Rd, Ste. 2
 Mission, TX 78572
 Phone: 956-585-3773

Client:
 Hidalgo County Precinct No. 2
 300 W Hall Acres, Ste. G
 Pharr, TX 78577

Project:
 2320
 Pct 2- CDBG McAllen Segment 2
 various
 Mcallen, TX

Sample Details										
Set #:	11	Technician:	Jacob Chavez	Batched:	04:10 CDT					
Specimen Size:	4 x 8 Cast Cylinder	Cast By:	Jacob Chavez	Sampled:	04:53 CDT					
Specimens In Set:	3	Date Cast:	04/09/25	Cast:	05:03 CDT					
Truck / Ticket #:	887 / 89166	Sampled From:	Chute	Truck Empty:	05:25 CDT					
Contractor:	Synergy	Placement Method:	Chute	Placement Time:	75 (min)					
Location										
Placement Location:	Concrete Paving - Sidewalk									
Location Details:	Sta. 382+00 through 387+10									
Sample Location / Notes:	Off of Covina Ave									
Batch Log						Specifications				
Supplier:	L & R Ready Mix	Mix Design:	3600 PSI	Strength:	3600 (psi)					
On-Site Admixtures:	None									
Field Measurements										
Weather:	Clear	Slump (in):	3-1/2	Plastic Unit Weight:						
Air Temperature (F):	58	Concrete Temp (F):	78	Air Content:						
				Load Volume:	9.00 (yd ³)					
Standard Cure					Field Cure					
Min / Max Temp (F):	63/89									
Initial Cure Method:	Plastic Cover/Lid/Blanket									
Final Cure Method:	Water Storage Tank									
Lab Test Results										
Testing Lab: B2Z Mission Lab, 900 S. Stewart Rd., Suite 2, Mission, TX, 78572										
Specimen Number	Test Age Days	Test Date	Field / Lab Cure Days	Average Cylinder Diameter (in)	Cylinder Area (in ²)	Max Load (lbs)	Strength (psi)	Fracture Type	Break Remark	Capping Method
11-1	7	04/16/25	1 / 6	4.00	12.57	43,551	3,470	2	F3	1
11-2	28	05/07/25	1 / 27	4.00	12.57	55,345	4,400	3	R8	1
11-3	28	05/07/25	1 / 27	4.00	12.57	57,673	4,590	3	R8	1
Test Age Average Strengths (psi): 7 Day - 3460, 28 Day - 4500										
										Capping Methods
F3: The 7 day test results did not meet the specifications. R8: The 28 day test results meets specified strength. Tested By: Jaykob Quintanilla (1,2,3) Checked In : 04/10/2025 (1,2,3)										1: Neoprene Pad



Respectfully Submitted by B2Z Engineering

Jorge Solis
 Jorge Solis, Laboratory Manager

Mission Office

900 S Stewart Rd, Ste. 2
Mission, TX 78572
Phone: 956-585-3773

Client:

Hidalgo County Precinct No. 2
300 W Hall Acres, Ste. G
Pharr, TX 78577

Project:

2320
Pct 2- CDBG McAllen Segment 2
various
McAllen, TX

Sample Details					
Set #:	12	Technician:	Jose Luis Tabares	Batched:	06:06 CDT
Specimen Size:	4 x 8 Cast Cylinder	Cast By:	Jose Luis Tabares	Sampled:	07:00 CDT
Specimens In Set:	3	Date Cast:	04/11/25	Cast:	07:05 CDT
Truck / Ticket #:	920 / 89254	Sampled From:	Chute	Truck Empty:	07:35 CDT
Contractor:	Lion	Placement Method:	Chute	Placement Time:	89 (min)

Location	
Placement Location:	Concrete Paving - Sidewalk
Location Details:	Along S 23 Rd St West Side
Sample Location / Notes:	Sta 395+75

Batch Log		Specifications	
Supplier:	L & R Ready Mix	Mix Design:	3600 PSI
On-Site Admixtures:	None	Strength:	3600 (psi)

Field Measurements			
Weather:	Cloudy	Slump (in):	5"
Air Temperature (F):	63	Concrete Temp (F):	80
		Plastic Unit Weight:	
		Air Content:	
		Load Volume:	72.00 (yd ³)

Standard Cure		Field Cure	
Min / Max Temp (F):	62/89		
Initial Cure Method:	Plastic Cover/Lid/Blanket		
Final Cure Method:	Water Storage Tank		

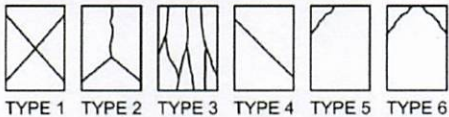
Lab Test Results

Testing Lab: B2Z Mission Lab, 900 S. Stewart Rd., Suite 2, Mission, TX, 78572

Specimen Number	Test Age Days	Test Date	Field / Lab Cure Days	Average Cylinder Diameter (in)	Cylinder Area (in ²)	Max Load (lbs)	Strength (psi)	Fracture Type	Break Remark	Capping Method
12-1	7	04/18/25	1 / 6	4.00	12.57	46,308	3,680	3	R3	1
12-2	28	05/09/25	1 / 27	4.00	12.57	60,167	4,790	3	R8	1
12-3	28	05/09/25	1 / 27	4.00	12.57	63,169	5,030	3	R8	1

Test Age Average Strengths (psi): 7 Day - 3680, 28 Day - 4910

Capping Methods	
R3: The 7 day test results meets or exceeds the 28 day specified strength.	1: Neoprene Pad
R8: The 28 day test results meets specified strength.	
Tested By: Jaykob Quintanilla (1,2,3)	
Checked In : 04/12/2025 (1,2,3)	



Respectfully Submitted by B2Z Engineering

Jorge Solis, Laboratory Manager

Mission Office

900 S Stewart Rd, Ste. 2
Mission, TX 78572
Phone: 956-585-3773

Client:

Hidalgo County Precinct No. 2
300 W Hall Acres, Ste. G
Pharr, TX 78577

Project:

2320
Pct 2- CDBG McAllen Segment 2
various
McAllen, TX

Sample Details					
Set #:	13	Technician:	Omar Zarate	Batched:	05:18 CDT
Specimen Size:	4 x 8 Cast Cylinder	Cast By:	Omar Zarate	Sampled:	06:05 CDT
Specimens In Set:	3	Date Cast:	04/14/25	Cast:	06:20 CDT
Truck / Ticket #:	886GUSTAV / 89322	Sampled From:	Chute	Truck Empty:	06:42 CDT
Contractor:	Synergy	Placement Method:	Chute	Placement Time:	84 (min)

Location	
Placement Location:	Concrete Paving - Sidewalk
Location Details:	South 23rd St.
Sample Location / Notes:	394+39 to 399+00

Batch Log		Specifications	
Supplier:	L & R Ready Mix	Mix Design:	3600 PSI
On-Site Admixtures:	None	Strength:	3600 (psi)

Field Measurements			
Weather:	Cool	Slump (in):	3
Air Temperature (F):	66	Concrete Temp (F):	85
		Plastic Unit Weight:	
		Air Content:	
		Load Volume:	9.00 (yd³)

Standard Cure		Field Cure	
Min / Max Temp (F):	66/91		
Initial Cure Method:	Plastic Cover/Lid/Blanket		
Final Cure Method:	Water Storage Tank		

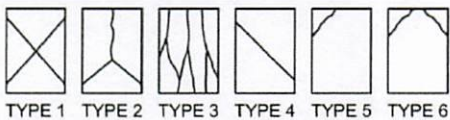
Lab Test Results

Testing Lab: B2Z Mission Lab, 900 S. Stewart Rd., Suite 2, Mission, TX, 78572

Specimen Number	Test Age Days	Test Date	Field / Lab Cure Days	Average Cylinder Diameter (in)	Cylinder Area (in²)	Max Load (lbs)	Strength (psi)	Fracture Type	Break Remark	Capping Method
13-1	7	04/21/25	3 / 4	4.00	12.57	48,830	3,890	3	R3	1
13-2	28	05/12/25	3 / 25	4.00	12.57	59,732	4,750	3	R8	1
13-3	28	05/12/25	3 / 25	4.00	12.57	60,273	4,790	3	R8	1

Test Age Average Strengths (psi): 7 Day - 3880, 28 Day - 4770

Capping Methods	
R3: The 7 day test results meets or exceeds the 28 day specified strength. R8: The 28 day test results meets specified strength. Tested By: Jaykob Quintanilla (1,2,3) Checked In : 04/17/2025 (1,2,3)	1: Neoprene Pad



Respectfully Submitted by B2Z Engineering

Jorge Solis
Jorge Solis, Laboratory Manager

Mission Office

900 S Stewart Rd, Ste. 2
Mission, TX 78572
Phone: 956-585-3773

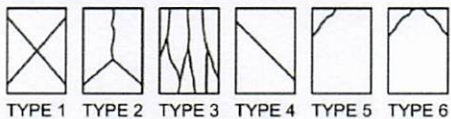
Client:

Hidalgo County Precinct No. 2
300 W Hall Acres, Ste. G
Pharr, TX 78577

Project:

2320
Pct 2- CDBG McAllen Segment 2
various
McAllen, TX

Sample Details										
Set #:	14	Technician:	Omar Zarate	Batched:	04:17 CDT					
Specimen Size:	4 x 8 Cast Cylinder	Cast By:	Omar Zarate	Sampled:	05:08 CDT					
Specimens In Set:	3	Date Cast:	04/17/25	Cast:	05:13 CDT					
Truck / Ticket #:	019 / 89426	Sampled From:	Chute	Truck Empty:	05:40 CDT					
Contractor:	Synergy	Placement Method:	Chute	Placement Time:	83 (min)					
Location										
Placement Location:	Concrete Paving - Sidewalk									
Location Details:	387+20 - 390+20									
Sample Location / Notes:	Covina Ave & 23rd crossing									
Batch Log						Specifications				
Supplier:	L & R Ready Mix	Mix Design:	3600 PSI	Strength:	3600 (psi)					
On-Site Admixtures:	None									
Field Measurements										
Weather:	Windy	Slump (in):	4	Plastic Unit Weight:						
Air Temperature (F):	70	Concrete Temp (F):	85	Air Content:						
				Load Volume:	9.00 (yd ³)					
Standard Cure					Field Cure					
Min / Max Temp (F):	68/88									
Initial Cure Method:	Plastic Cover/Lid/Blanket									
Final Cure Method:	Water Storage Tank									
Lab Test Results										
Testing Lab: B2Z Mission Lab, 900 S. Stewart Rd., Suite 2, Mission, TX, 78572										
Specimen Number	Test Age Days	Test Date	Field / Lab Cure Days	Average Cylinder Diameter (in)	Cylinder Area (in ²)	Max Load (lbs)	Strength (psi)	Fracture Type	Break Remark	Capping Method
14-1	7	04/24/25	1 / 6	4.00	12.57	46,757	3,720	3	R3	1
14-2	28	05/15/25	1 / 27							
14-3	28	05/15/25	1 / 27							
Test Age Average Strengths (psi): 7 Day - 3720										
										Capping Methods
R3: The 7 day test results meets or exceeds the 28 day specified strength.										1: Neoprene Pad
Tested By: Jaykob Quintanilla (1)										
Checked In : 04/18/2025 (1,2,3)										



Respectfully Submitted by B2Z Engineering

Jorge Solis
Jorge Solis, Laboratory Manager

Mission Office

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Mission, TX 78572
Phone: 956-585-3773

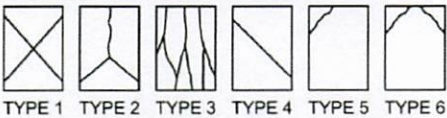
Client:

Hidalgo County Precinct No. 2
300 W Hall Acres, Ste. G
Pharr, TX 78577

Project:

2320
Pct 2- CDBG McAllen Segment 2
various
McAllen, TX

Sample Details										
Set #:	14	Technician:	Omar Zarate	Batched:	04:17 CDT					
Specimen Size:	4 x 8 Cast Cylinder	Cast By:	Omar Zarate	Sampled:	05:08 CDT					
Specimens In Set:	3	Date Cast:	04/17/25	Cast:	05:13 CDT					
Truck / Ticket #:	019 / 89426	Sampled From:	Chute	Truck Empty:	05:40 CDT					
Contractor:	Synergy	Placement Method:	Chute	Placement Time:	83 (min)					
Location										
Placement Location:	Concrete Paving - Sidewalk									
Location Details:	387+20 - 390+20									
Sample Location / Notes:	Covina Ave & 23rd crossing									
Batch Log						Specifications				
Supplier:	L & R Ready Mix	Mix Design:	3600 PSI	Strength:	3600 (psi)					
On-Site Admixtures:	None									
Field Measurements										
Weather:	Windy	Slump (in):	4	Plastic Unit Weight:						
Air Temperature (F):	70	Concrete Temp (F):	85	Air Content:						
				Load Volume:	9.00 (yd³)					
Standard Cure					Field Cure					
Min / Max Temp (F):	68/88									
Initial Cure Method:	Plastic Cover/Lid/Blanket									
Final Cure Method:	Water Storage Tank									
Lab Test Results										
Testing Lab: B2Z Mission Lab, 900 S. Stewart Rd., Suite 2, Mission, TX, 78572										
Specimen Number	Test Age Days	Test Date	Field / Lab Cure Days	Average Cylinder Diameter (in)	Cylinder Area (in²)	Max Load (lbs)	Strength (psi)	Fracture Type	Break Remark	Capping Method
14-1	7	04/24/25	1 / 6	4.00	12.57	46,757	3,720	3	R3	1
14-2	28	05/15/25	1 / 27	4.00	12.57	58,069	4,620	3	R8	1
14-3	28	05/15/25	1 / 27	4.00	12.57	60,361	4,800	3	R8	1
Test Age Average Strengths (psi): 7 Day - 3720, 28 Day - 4710										
										Capping Methods
R3: The 7 day test results meets or exceeds the 28 day specified strength.										1: Neoprene Pad
R8: The 28 day test results meets specified strength.										
Tested By: Jaykob Quintanilla (1,2,3)										
Checked In : 04/18/2025 (1,2,3)										



Respectfully Submitted by B2Z Engineering

Jorge Solis, Laboratory Manager



Purchase Order COUNTY OF HIDALGO

PO# 888353

DATE: 10/28/2024

PAGE: 1 Of 1

PO TYPE: NULL

VENDOR: 449121

REQ: 00502487

PHONE: (956) 585-3773

BUYER: COMMISSIONER, PRECINCT 2 PO

Fax: (956) 583-7116

EMAIL: Reza@B2ZEng.com

SHIP TO: HIDALGO CO. PCT 2

300 WEST HALL ACRES, SUITE G
PHARR TX 78577

B2Z ENGINEERING, LLC
900 S. STEWART RD. SUITE 4
MISSION TX 78572

VENDOR ACCOUNT:

CONTACT: EDUARDO CANTU

(956) 787-1891

SITE: BUDGET AND MANAGEMENT

CONTRACT: C-21-0944-02-08

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 SAM: DZK22FJGB729		
		C-21-0944-02-08 - PCT 2 RECREATIONAL TRAILS CONNECTIVITY PROJECT - MCALLEN SEGMENT 2 (CDBG) FROM WARE RD TO 23RD ST - CONSTRUCTION MANAGEMENT & CMT SERVICES		
		ARPA PROJECT NO.: ARPA-21-122-040 APPROVED BY CC 02/22/22 AI#83858 WORK AUTHORIZATION#4 APPROVED BY CC 09/17/24 AI#96743		
1.00	LOT	ICA W/MCALLEN APPROVED BY CC 2/20/24 AI#94339 CC WORK AUTHORIZATION NO. 4 FOR ENGINEER TO PROVIDE CONSTRUCTION MANAGEMENT SERVICES AND CONSTRUCTION MATERIAL TESTING (CMT) SERVICES FOR THE RECREATIONAL TRAILS CONNECTIVITY PROJECT - MCALLEN SEGMENT 2 (CDBG) FROM WARE RD TO 23RD ST	157,881.3200	157,881.32
1.00		AUDITOR REQUEST LIQUIDATE AMOUNT NO LONGER NEEDED CHECK#02-491300 INVOICE#20461 B#001739 04/28/2025 AG (- \$6,202.26)	0.0000	0.00
		TOTAL:		157,881.32
		REPORT ROAD HAZARDS 1-866-HCR-SAFE OR 1-866-427-7233		
		***** For Hidalgo County use only 5-1290-452-67-115-233-2-740		157,881.32

Authorized by: Ignacio Amigosa