




SIGNATURE 
 R# 505090
 PO# 889301

Invoice

Date	Invoice #
4/8/2025	30088

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

Acct # 5-1290-431-50-115-221-3-723

Please send remittance with copy of invoice to:

Attn: Mrs. Aisha Gonzalez
 P.O. Box 2724
 McAllen, Tx. 78502

Bill To:

Hidalgo County Precinct #3
 724 Breyfogle Rd.
 Mission, TX 78574

Project Info:

C-24-0384-10-29
 WA#1 - FM2221 Stormwater Project
 PO# 889301
 B2Z JOB #: 3106

Billing Period March 2025

Description	Contract	Previous Applications	Current Completed	Total Completed	% Complete
Geotechnical Engineering	\$ 6,513.38	\$ 4,885.04	\$ -	\$ 4,885.04	75.0%
Construction Material Testing Services (CMT)	\$ 23,115.92	\$ 13,869.55	\$ 2,311.59	\$ 16,181.14	70.0%
Total For This Billing Period					\$2,311.59

Work Authorization ~ Summary

WA No.	WA Amount	Previously Inv.	Percent Complete	Remaining Balance
1	\$29,629.30	\$18,754.59	71%	\$8,563.12


 Aisha Gonzalez - President

INVOICE RECEIVED BY 
 ON 4-8-25
 GOODS/SERVICES RECEIVED BY 
 ON 4-8-25



Bituminous Density

B2Z Report No. 2221-1A
 Report Date: 03/18/2025
 Test Method: ASTM 2950/Tex-207-F

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

Client:
 Hidalgo County Precinct No. 3
 724 Breyfogle Rd
 Mission, TX 78574

Project:
 3106
 FM2221 Stormwater Project
 various
 Mission, TX

Test Results															
Test #	Retest Of	Test Date	Test Location	Material	Mix Design	Thickness (in)	Max Density (pcf)	Max Density Source	In Place Density (pcf)	Probe Depth (in)	Percent Comp.	Min/Max Comp. (%)	Remark	Gauge SN	Technician
1		03/14/25	Roadway: Mile 7 West Bound Lane 450 Ft. West of Jara Chinas Final Lift	Type D			149.6	Supplied Value	137.3	Backscatter	91.8	91 / 97.3	DP	4016	Jorge Gallardo
2		03/14/25	Roadway: Mile 7 West Bound Lane 500 Ft. West of Jara Chinas Final Lift	Type D			149.6	Supplied Value	136.9	Backscatter	91.5	91 / 97.3	DP	4016	Jorge Gallardo
3		03/14/25	Roadway: Mile 7 West Bound Lane 550 Ft. West of Jara Chinas Final Lift	Type D			149.6	Supplied Value	137.1	Backscatter	91.6	91 / 97.3	DP	4016	Jorge Gallardo
Remarks															
DP: Density Pass															
Gauge Information															
Gauge SN	Make	Model	Density Count	Moisture Count	Standard Count Date	Last Calibration Date							Last Calibrated By		
4016	Instrotek	3500 Xplorer	2210	738	03/14/25	01/20/25							Calibration Solutions, LLC		

Respectfully Submitted by B2Z Engineering

Jorge Solis, Laboratory Manager



Soil Nuclear Gauge

B2Z Report No. 2221-4D
 Report Date: 02/27/2025
 Test Method: ASTM D 6938

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

Client: Hidalgo County Precinct No. 3
 724 Breyfogle Rd
 Mission, TX 78574

Project: 3106
 FM2221 Stormwater Project
 various
 Mission, TX

Test Results														
Test #	Retest Of	Test Date	Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)	In Place Moisture (%)	In Place Dry Density (pcf)	In Place Wet Density (pcf)	Probe Depth (in)	Percent Compaction	Min Comp. (%)	Remark
7		02/26/25	Flexbase		CL/CH	13.2	118.4	12.6	119.0	134.0	6	100.5	98	DP/MIP
Test Information														
Test #	Test Location	Elevation	Reference	Gauge Specs		Density Standard/Moisture Standard		Field Technician						
7	Roadway: Mile 7 26.340122° N, 98.48126° W Final Lift			Make / Model / SN / Calibrated	Density Standard	Moisture Standard	Field Technician							
				Instrotek / 3500 Xplorer / 5018 / 01/21/2025	2696 / 715		Alvaro Robles Jr.							
Remarks		Comments												
DP/MIP: Density Pass / Moisture Pass		Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency. 7: Contractor Antonio Mendez was Present.												

Respectfully Submitted by B2Z Engineering

Jorge Solis
 Jorge Solis, Laboratory Manager



Soil Nuclear Gauge

B2Z Report No. 2221-5D
Report Date: 03/03/2025
Test Method: ASTM D 6938

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

Client:

Hidalgo County Precinct No. 3
724 Breyfogle Rd
Mission, TX 78574

Project:

3106
FM2221 Stormwater Project
various
Mission, TX

Test Results														
Test #	Retest Of	Test Date	Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)	In Place Moisture (%)	In Place Dry Density (pcf)	In Place Wet Density (pcf)	Probe Depth (in)	Percent Compaction	Min Comp. (%)	Remark
8		03/03/25	Flexbase		CL/CH	13.2	118.4	11.9	117.1	131.0	6	98.9	98	DP/MIP
Test Information														
Test #	Test Location	Elevation	Reference	Gauge Specs		Density Standard/Moisture Standard		Field Technician						
8	Roadway: Roadway 26.3392° N, 98.47830° W Final Lift			Make / Model / SN / Calibrated	Instrotek / 3500 Xplorer / 5018 / 01/21/2025		2681 / 718		Alvaro Robles Jr.					
Remarks														
DP/MIP: Density Pass / Moisture Pass														
Comments														
Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency. 8: Inspector Jessica Garcia was Present.														

Respectfully Submitted by B2Z Engineering

Jorge Solis, Laboratory Manager



Soil Nuclear Gauge

B2Z Report No. 2221-6D
 Report Date: 03/04/2025
 Test Method: ASTM D 6938

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

Client: Hidalgo County Precinct No. 3
 724 Breyfogle Rd
 Mission, TX 78574

Project: 3106
 FM2221 Stormwater Project
 various
 Mission, TX

Test Results														
Test #	Retest Of	Test Date	Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)	In Place Moisture (%)	In Place Dry Density (pcf)	In Place Wet Density (pcf)	Probe Depth (in)	Percent Compaction	Min Comp. (%)	Remark
9		03/04/25	Flexbase		CL/CH	13.2	118.4	13.3	118.3	134.0	6	99.9	98	DP/MP
10		03/04/25	Flexbase		CL/CH	13.2	118.4	12.6	120.2	135.3	6	101.5	98	DP/MP
Test Information														
Test #	Test Location	Elevation	Reference	Gauge Specs	Make / Model / SN / Calibrated	Density Standardization	Field Technician							
9	Roadway: Mile 7 Rd East Bound N. Side 26° 20' 23" N, 98° 28' 46" W 1st Lift				Instrotek / 3500 Xplorer / 5018 / 01/21/2025	2680 / 710	Jacob Chavez							
10	Roadway: Mile 7 Rd East Bound S. Side 26° 20' 24" N, 98° 28' 53" W 2nd Lift				Instrotek / 3500 Xplorer / 5018 / 01/21/2025	2680 / 710	Jacob Chavez							
DP/MP: Density Pass / Moisture Pass		Remarks												
		Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency. 9: Contractor Antonio Mendez was Present.												

Respectfully Submitted by B2Z Engineering

Jorge Solis
 Jorge Solis, Laboratory Manager



Soil Nuclear Gauge

B2Z Report No. 2221-7D
 Report Date: 03/10/2025
 Test Method: ASTM D 6938

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 Mission, TX 78572
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 Mission, TX 78574

Project: 3106
 FM2221 Stormwater Project
 various
 Mission, TX

Test Results														
Test #	Retest Of	Test Date	Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)	In Place Moisture (%)	In Place Dry Density (pcf)	In Place Wet Density (pcf)	Probe Depth (in)	Percent Compaction	Min Comp. (%)	Remark
11		03/07/25	Flexbase		CL/CH	13.2	118.4	13.1	116.6	131.9	6	98.5	98	DP/MP
12		03/07/25	Flexbase		CL/CH	13.2	118.4	12.1	117.9	132.2	6	99.6	98	DP/MP
Test Information											Gauge Standardization			
Test #	Test Location	Elevation	Reference	Gauge Specs			Density Standard	Moisture Standard	Field Technician					
11	Roadway: Mile 7 West Bound 6' South 200' West from East end Final Lift			Make / Model / SN / Calibrated	Institutek / 3500 Xplorer / 5674 / 01/21/2025	2580 / 715	2580 / 715	Ruben Singletery						
12	Roadway: Mile 7 West Bound 18' South 500' West from East end Final Lift			Make / Model / SN / Calibrated	Institutek / 3500 Xplorer / 5674 / 01/21/2025	2580 / 715	2580 / 715	Ruben Singletery						
Remarks		Comments												
DP/MP: Density Pass / Moisture Pass		Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency. 11: Inspector Antonio Mendez was present.												

Respectfully Submitted by B2Z Engineering

Jorge Solis, Laboratory Manager