



Construction Materials Testing
New Street Construction
Gates Subdivision Unit 1
Bexar County, Texas

InTEC Project No. S232133-4
January 14, 2025

MEH Holding Company LTD
5210 Thousand Oaks, Suite 1318
San Antonio, Texas 78233



Integrated Testing and Engineering Company of San Antonio, L.P.

Geotechnical & Environmental Engineering • Construction Services • Geologic Assessment

January 14, 2025

E.A. Palaniappan, Ph.D., P.E.
Murali Subramaniam, Ph.D., P.E.
Kausi Subramaniam, B.S.

MEH Holding Company LTD
5210 Thousand Oaks, Suite 1318
San Antonio, Texas 78233

Attention: Ms. Jaime L. Johnson

Re: Construction Materials Testing
New Street Construction
Gates Subdivision Unit 1
Bexar County, Texas

InTEC Project #: S232133-4

Ladies and Gentlemen:

Integrated Testing and Engineering Company of San Antonio, L.P. (InTEC) performed compaction evaluation at the above referenced project site between April 16, 2024 and December 19, 2024.

Field density tests were performed on an "on call" basis by the contractor. Full time observation of fill placement was not performed. Laboratory Compaction and Field Density Tests results at the above referenced project site are presented for your review.

We appreciate and wish to thank you for the opportunity to be of service to you on this project. If we can be of additional assistance, or if you have any questions, please call us.

Respectfully Submitted,
InTEC of San Antonio, L.P.

Murali Subramaniam, Ph.D., P.E.

Copies Submitted: Above (1)



1/15/2025



Moisture Density Relationship

10/12/2023

InTEC of San Antonio
12028 Radium
San Antonio, TX 78216
Phone: 210-525-9033

Client:
MEH Holding Company LTD
5210 Thousand Oaks, Suite 1318
San Antonio, TX 78233

Project:
S232133
Gates Subdivision Unit 1
29.381265682887246, -98.32008373231879
Bexar County, TX

SAMPLE DATA

Sample Number: 24683

Sample Date: 10/03/2023

Technician: Ramirez, Julius

Material Use: Street Fill

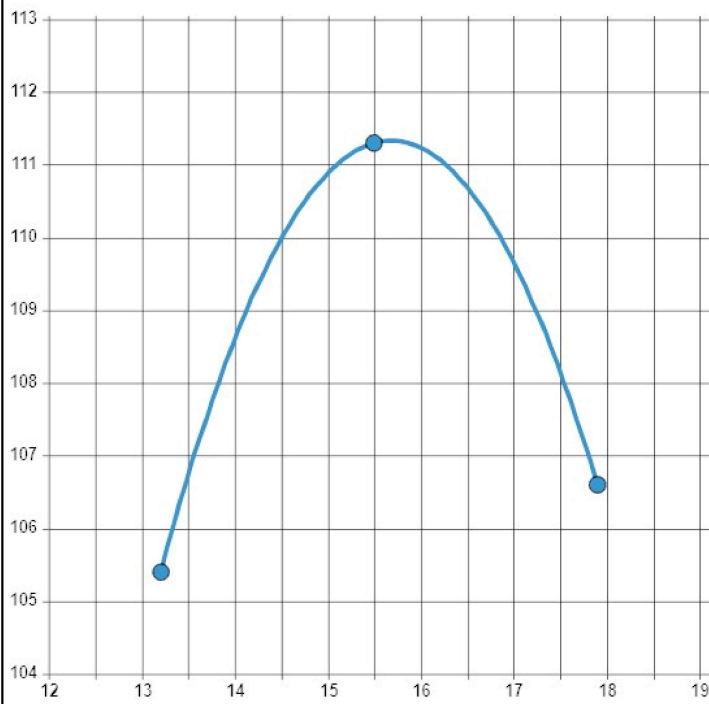
Sample Location: Onsite stock pile

Material Description: Brown Clay with Gravel

LAB DATA

Test Method: Tex 114E

Proctor Curve:



Maximum Dry Density (pcf): 111.3

Optimum Moisture (%): 15.7

Soil Classification: CH Clay with gravel

Test Completed Date: 10/06/2023

Test Completed By: Agare, Ovie



InTEC of San Antonio
12028 Radium
San Antonio, TX 78216
Phone: 210-525-9033

Moisture Density Relationship

Client:

MEH Holding Company LTD
5210 Thousand Oaks, Suite 1318
San Antonio, TX 78233

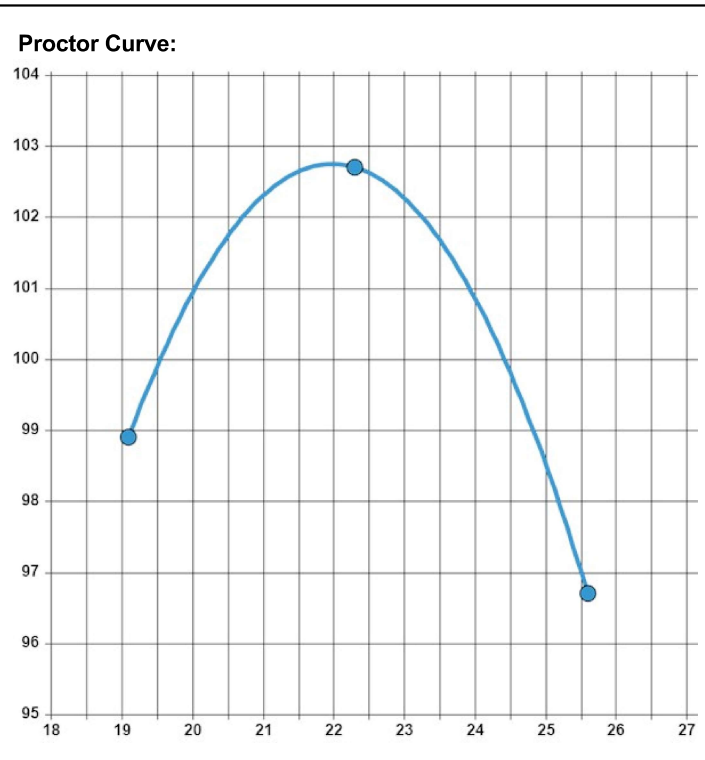
Project:

S232133
Gates Subdivision Unit 1
29.381265682887246, -98.32008373231879
Bexar County, TX

SAMPLE DATA

Sample Number: 28774**Sample Date:** 08/15/2024**Technician:** Campbell, Ian**Material Use:** Street-Lime Subgrade**Sample Location:** Trojan Trail STA 7+50**Material Description:** Tan to Brown Sandy Clay

LAB DATA

Density Standard: Tex 121E**Maximum Dry Density (pcf):** 102.7**Optimum Moisture (%):** 22.0**Soil Classification:** SC-CH Sandy Clay - Lime Stabilized**Test Completed Date:** 08/19/2024**Test Completed By:** Agare, Ovie



Moisture Density Relationship

InTEC of San Antonio 12028 Radium San Antonio, TX 78216 Phone: 210-525-9033	Client: MEH Holding Company LTD 5210 Thousand Oaks, Suite 1318 San Antonio, TX 78233	Project: S232133 Gates Subdivision Unit 1 29.381265682887246, -98.32008373231879 Bexar County, TX
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SAMPLE DATA

Sample Number: 28785

Sample Date: 08/16/2024

Technician: Davenport, Erik

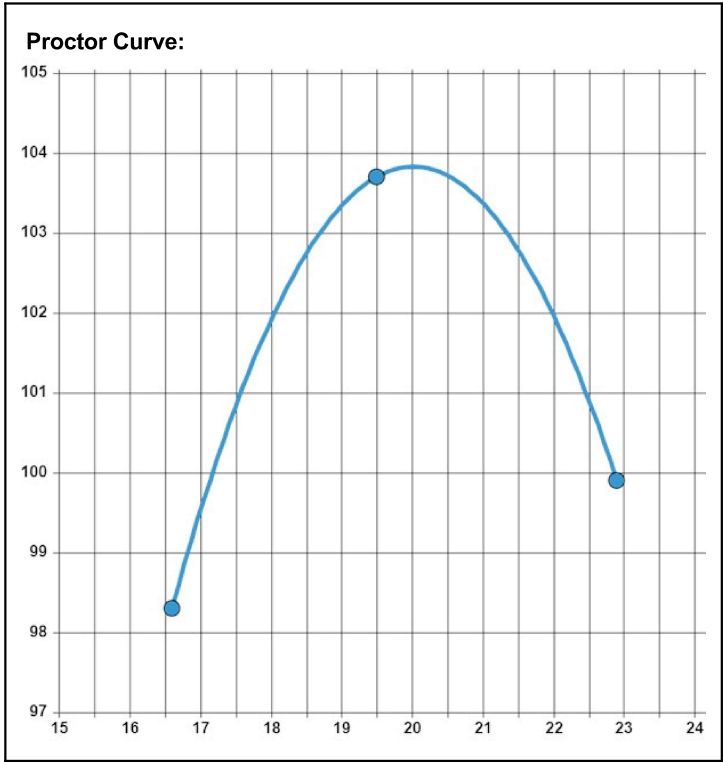
Material Use: Street-Lime Subgrade

Sample Location: Fieldstone Way STA 1+60

Material Description: Brown Clay

LAB DATA

Density Standard: Tex 121E



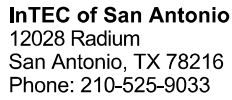
Maximum Dry Density (pcf): 103.8

Optimum Moisture (%): 20.0

Soil Classification: CH Clay - Lime Stabilized

Test Completed Date: 08/20/2024

Test Completed By: Agare, Ovie



Client:

Project:

S232133
Gates Subdivision Unit 1
29.381265682887246, -98.32008373231879
Bexar County, TX

Sample Number: 28787

Sample Date: 08/16/2024

Technician: Davenport, Erik

Material Use: Street-Lime Subgrade

Sample Location: Fieldstone Way STA 5+50

Material Description: Brown Clay with Gravel

Density Standard: Tex 121E



Optimum Moisture (%): 16.8

Soil Classification: CH-GV Clay with gravel - Lime Stabilized

Test Completed Date: 08/20/2024

Test Completed By: Agare, Ovie



Moisture Density Relationship

InTEC of San Antonio 12028 Radium San Antonio, TX 78216 Phone: 210-525-9033	Client: MEH Holding Company LTD 5210 Thousand Oaks, Suite 1318 San Antonio, TX 78233	Project: S232133 Gates Subdivision Unit 1 29.381265682887246, -98.32008373231879 Bexar County, TX
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SAMPLE DATA

Sample Number: 28810

Sample Date: 08/17/2024

Technician: Villarreal Sr., Robert

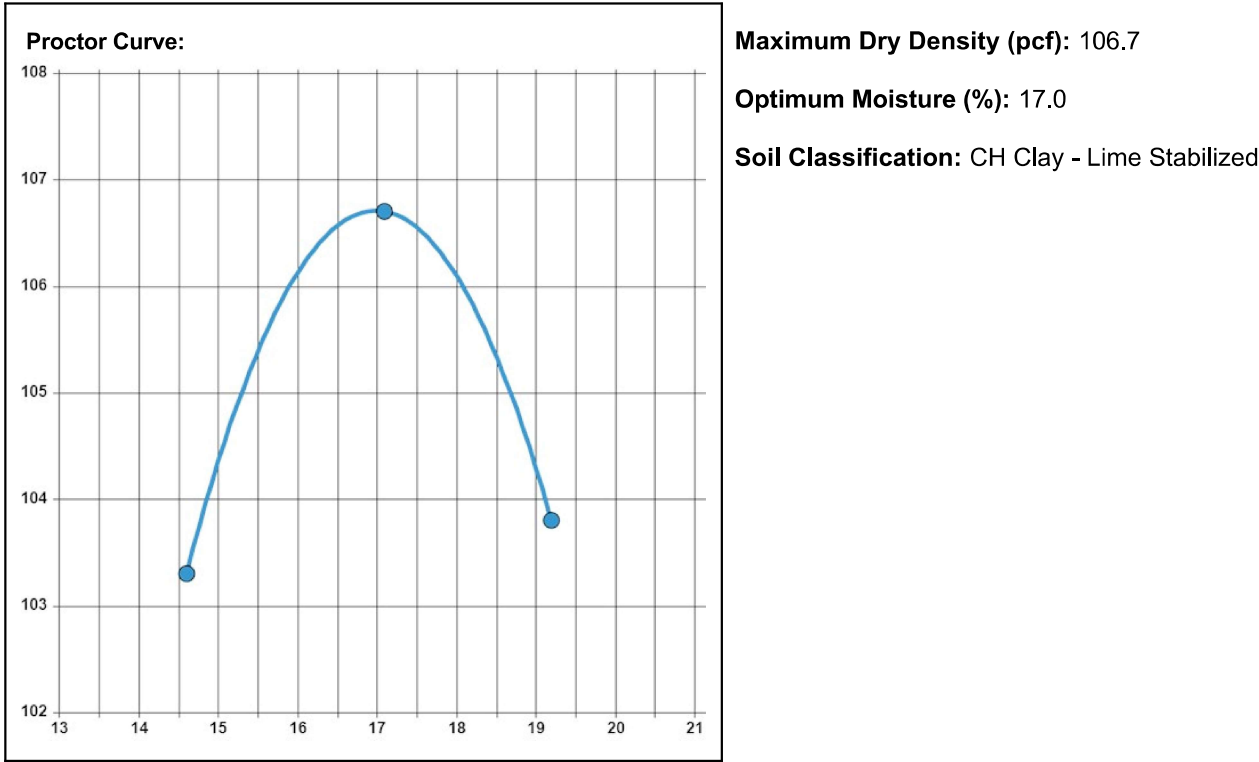
Material Use: Street-Lime Subgrade

Sample Location: Ingress Ave STA 7+50

Material Description: Brown Clay

LAB DATA

Density Standard: Tex 121E



Test Completed Date: 08/20/2024

Test Completed By: Agare, Ovie



Moisture Density Relationship

InTEC of San Antonio 12028 Radium San Antonio, TX 78216 Phone: 210-525-9033	Client: MEH Holding Company LTD 5210 Thousand Oaks, Suite 1318 San Antonio, TX 78233	Project: S232133 Gates Subdivision Unit 1 29.381265682887246, -98.32008373231879 Bexar County, TX
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SAMPLE DATA

Sample Number: 28968

Sample Date: 08/27/2024

Technician: Campbell, Ian

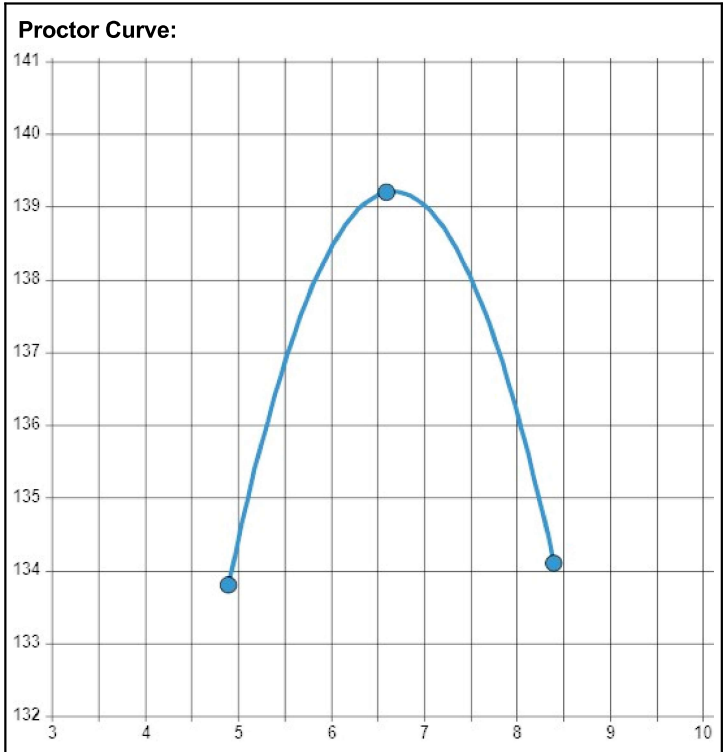
Material Use: Street Base

Sample Location: Onsite Stockpile

Material Description: Base

LAB DATA

Test Method: Tex 113E



Maximum Dry Density (pcf): 139.2

Optimum Moisture (%): 6.7

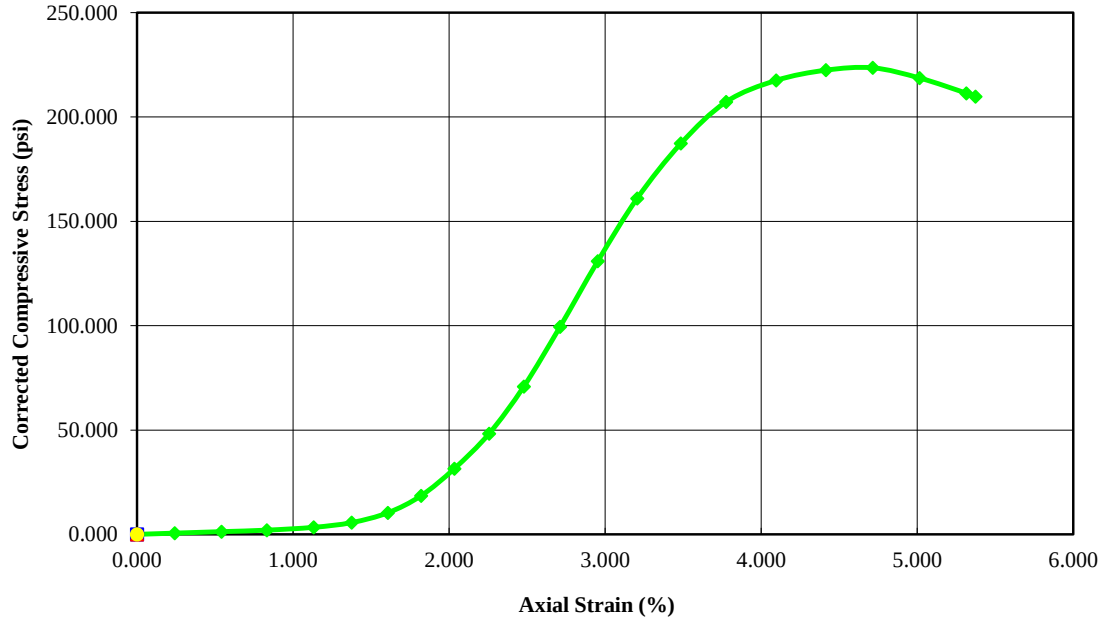
Soil Classification: GC Crushed Limestone

Test Completed Date: 08/30/2024

Test Completed By: Agare, Ovie

Unconfined Compression Test Report (ASTM D5102)

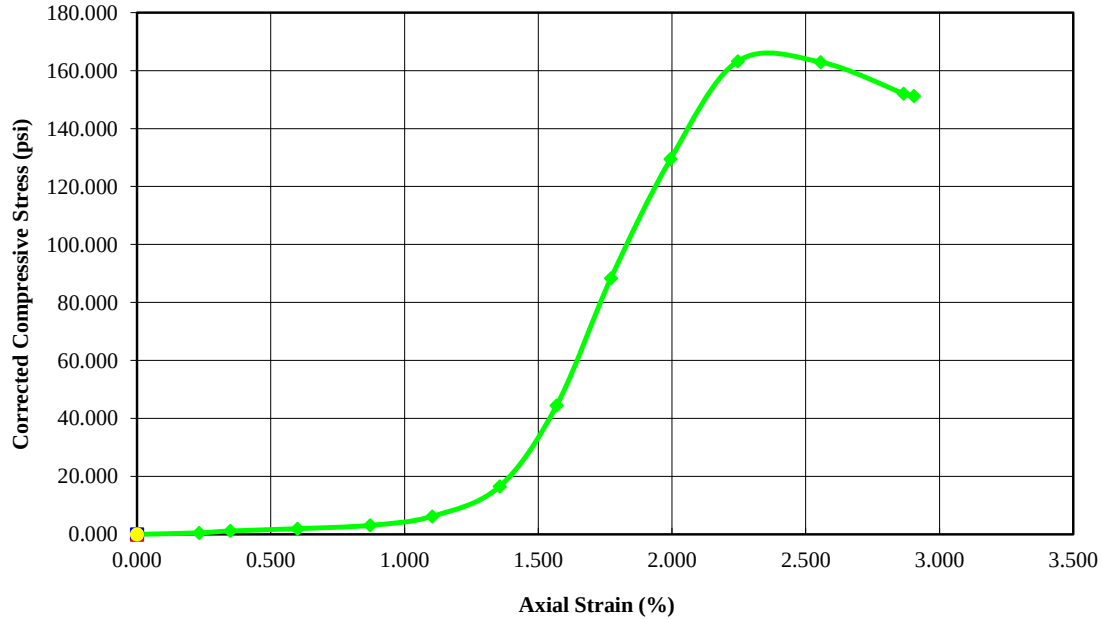
Compressive Stress Axial Strain Curve



Before Test	Specimen			
	A	B	C	D
Water Content (%)	22.00			
Dry Density (pcf)	94.773			
Saturation (%)	74.44			
Void Ratio	0.78			
Diameter (in)	4.000			
Height (in)	4.570			
Test Data	A	B	C	D
Unconfined Strength (psi)	223.549			
Undrained Shear Strength (tsf)	8.048			
Undrained Shear Strength (psi)	111.775			
Rate of Strain (in/min)	0.050000			
Strain at Failure (%)	4.72			
Description				
Project Information		Specimen Description		
Project Number	S232133	Specimen A	Tan to brown sandy clay	
Project	Gates Subdivision U-1	Specimen B		
Sampling Date	8/15/2024	Specimen C		
Sample Location	TROJAN TRAIL STA 7+50	Specimen D		
Client		Test Variables		
		Specific Gravity	2.65	
		Liquid Limit:		
		Plastic Limit:		
Remarks				

Unconfined Compression Test Report (ASTM D5102)

Compressive Stress Axial Strain Curve

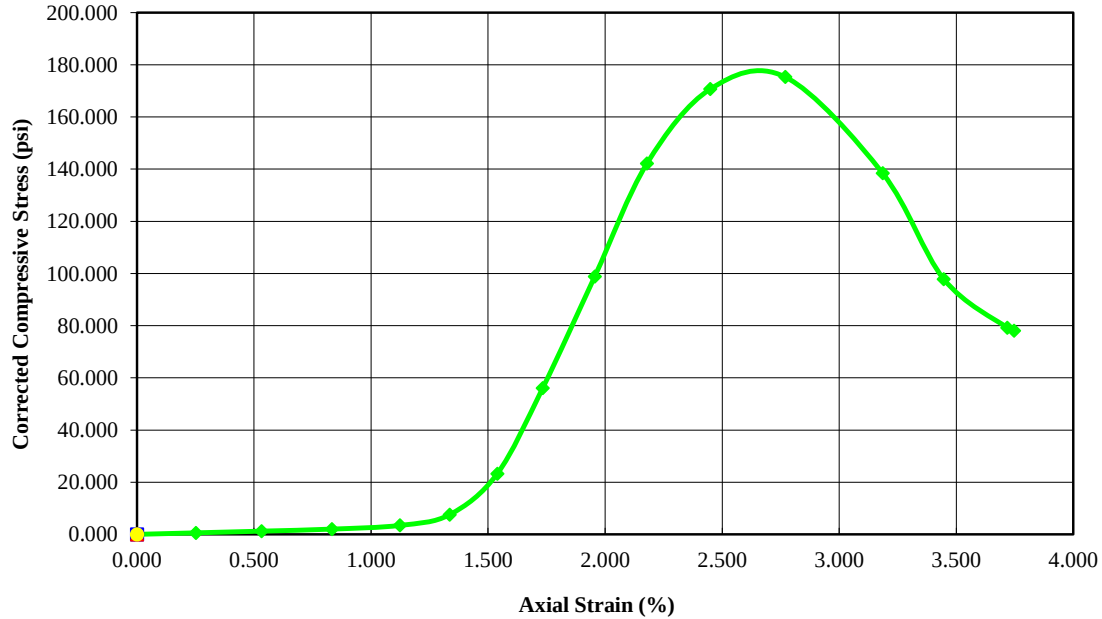


◆ Specimen A
 ◆ Specimen B
 ◆ Specimen C
 ◆ Specimen D

Before Test	Specimen			
	A	B	C	D
Water Content (%)	20.00			
Dry Density (pcf)	92.362			
Saturation (%)	66.99			
Void Ratio	0.79			
Diameter (in)	4.000			
Height (in)	4.570			
Test Data	A	B	C	D
Unconfined Strength (psi)	163.258			
Undrained Shear Strength (tsf)	5.877			
Undrained Shear Strength (psi)	81.629			
Rate of Strain (in/min)	0.050000			
Strain at Failure (%)	2.25			
Description				
Project Information		Specimen Description		
Project Number	S232133	Specimen A	Brown clay	
Project	Gates Subdivision U-1	Specimen B		
Sampling Date	8/16/2024	Specimen C		
Sample Location	FIELDSTONE WAY STA 1+60	Specimen D		
Client		Test Variables		
		Specific Gravity	2.65	
		Liquid Limit:		
		Plastic Limit:		

Unconfined Compression Test Report (ASTM D5102)

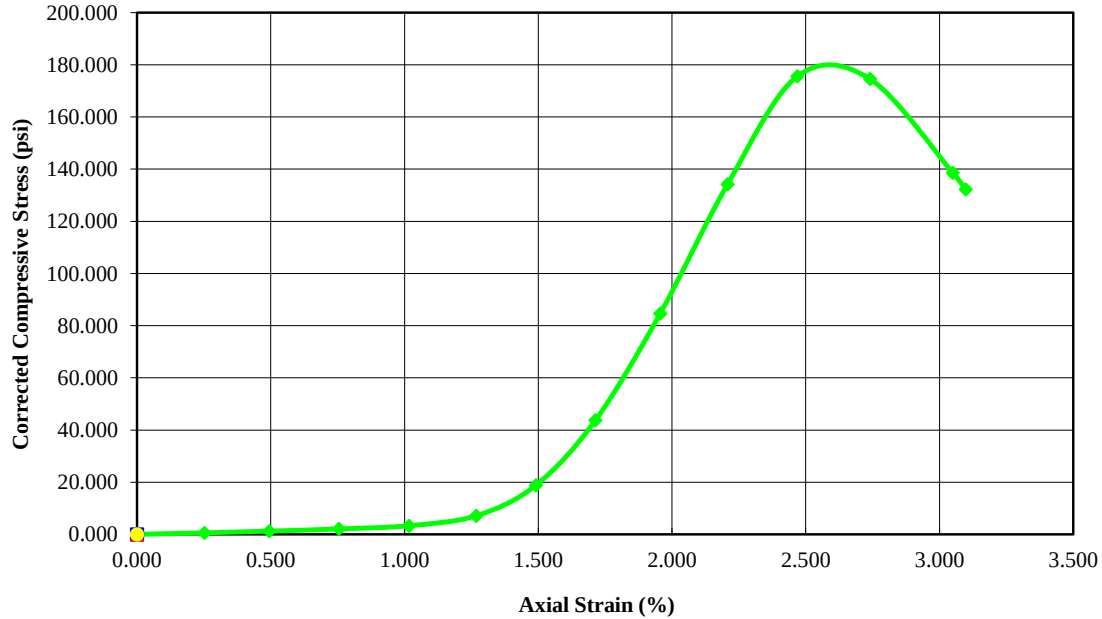
Compressive Stress Axial Strain Curve



Before Test	Specimen			
	A	B	C	D
Water Content (%)	16.80			
Dry Density (pcf)	94.149			
Saturation (%)	58.80			
Void Ratio	0.76			
Diameter (in)	4.000			
Height (in)	4.570			
Test Data	A	B	C	D
Unconfined Strength (psi)	175.336			
Undrained Shear Strength (tsf)	6.312			
Undrained Shear Strength (psi)	87.668			
Rate of Strain (in/min)	0.050000			
Strain at Failure (%)	2.77			
Description				
Project Information		Specimen Description		
Project Number	S232133	Specimen A	Brown clay with gravel	
Project	Gates Subdivision U-1	Specimen B		
Sampling Date	8/16/2024	Specimen C		
Sample Location	FIELDSTONE WAY STA 5+50	Specimen D		
Client		Test Variables		
		Specific Gravity	2.65	
		Liquid Limit:		
		Plastic Limit:		
Remarks				

Unconfined Compression Test Report (ASTM D5102)

Compressive Stress Axial Strain Curve



◆ Specimen A
 ◆ Specimen B
 ◆ Specimen C
 ◆ Specimen D

Before Test	Specimen			
	A	B	C	D
Water Content (%)	17.00			
Dry Density (pcf)	96.052			
Saturation (%)	62.37			
Void Ratio	0.72			
Diameter (in)	4.000			
Height (in)	4.570			
Test Data	A	B	C	D
Unconfined Strength (psi)	175.626			
Undrained Shear Strength (tsf)	6.323			
Undrained Shear Strength (psi)	87.813			
Rate of Strain (in/min)	0.050000			
Strain at Failure (%)	2.47			
Description				
Project Information		Specimen Description		
Project Number	S232133	Specimen A	Brown clay	
Project	Gates Subdivision U-1	Specimen B		
Sampling Date	8/17/2024	Specimen C		
Sample Location	INGRESS AVE STA 7+50	Specimen D		
Client		Test Variables		
		Specific Gravity	2.65	
		Liquid Limit:		
		Plastic Limit:		

REPORT OF ASPHALT LABORATORY TESTS



Project Number	S232133				Date Sampled	10/23/2024		
Project Name	Gates Subdivision Unit 1							
Tested For	MEH Holding Company LTD							
Material Description	Type B Hot Mix Asphalt			Soil ID	7B			

Tex-227-F MAXIMUM SPECIFIC GRAVITY

Rice Specific Gravity	2.455
Maximum Density, PCF	153.2

Tex-236-F ASPHALT CONTENT

Asphalt Content	4.3
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Tex-207-F BULK SPECIFIC GRAVITY

SPECIMEN #	1	2	3
BULK SPECIFIC GRAVITY	2.366	2.360	2.361
DENSITY %	96.4	96.1	96.2
AVG. BULK DENSITY	96.2		

Tex-200-F SIEVE ANALYSIS

Size	% Passing	TxDOT Spec.
		Item 341
3"		
2 1/2"		
1 3/4"		
1"	100.0	98-100
3/4"	91.0	84-98
1/2"		-
3/8"	63.8	60-80
No. 4	42.1	40-60
No. 8	33.9	29-43
No. 16		-
No. 30	25.0	13-28
No. 50	13.1	6-20
No. 80		-
No. 100		-
No. 200	3.8	2-7

Notes:

Respectfully submitted.
InTEC of San Antonio, L.P.

murali

Murali Subramaniam, Ph.D., P.E.

Integrated Engineering and Testing Company of San Antonio, L.P.

12028 Radium, San Antonio, Texas 78216

Phone: (210) 525-9033

Fax: (210) 525-9032

REPORT OF ASPHALT LABORATORY TESTS



Project Number	S232133			Date Sampled	12/13/2024		
Project Name	Gates Subdivision Unit 1						
Tested For	MEH Holding Company LTD			Vendor	Bobcat Materials		
Material Description	Type C Hot Mix Asphalt			Soil ID	7C		

Tex-227-F MAXIMUM SPECIFIC GRAVITY

Rice Specific Gravity	2.444
Maximum Density, PCF	152.5

Tex-236-F ASPHALT CONTENT

Asphalt Content	4.7
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Tex-207-F BULK SPECIFIC GRAVITY

SPECIMEN #	1	2	3
BULK SPECIFIC GRAVITY	2.344	2.349	2.350
DENSITY %	95.9	96.1	96.2
AVG. BULK DENSITY	96.1		

Tex-200-F SIEVE ANALYSIS

Size	% Passing	TxDOT Spec.
		Item 341
3"		
2 1/2"		
1 3/4"		
1"	100.0	100
3/4"	100.0	95-100
1/2"		-
3/8"	82.1	70-85
No. 4	58.1	43-63
No. 8	33.6	32-44
No. 16		-
No. 30	22.5	14-28
No. 50	15.2	7-21
No. 80		-
No. 100		-
No. 200	3.3	2-7

Notes:

Respectfully submitted.
InTEC of San Antonio, L.P.

murali

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Integrated Engineering and Testing Company of San Antonio, L.P.

12028 Radium, San Antonio, Texas 78216

Phone: (210) 525-9033

Fax: (210) 525-9032

REPORT OF ASPHALT LABORATORY TESTS



Project Number	S232133			Date Sampled	12/11/2024		
Project Name	Gates Subdivision Unit 1						
Tested For	MEH Holding Company LTD			Vendor	Bobcat Materials		
Material Description	Type D Hot Mix Asphalt			Soil ID	7D1		

Tex-227-F MAXIMUM SPECIFIC GRAVITY

Rice Specific Gravity	2.432
Maximum Density, PCF	151.8

Tex-236-F ASPHALT CONTENT

Asphalt Content	5.4
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Tex-207-F BULK SPECIFIC GRAVITY

SPECIMEN #	1	2	3
BULK SPECIFIC GRAVITY	2.349	2.344	2.345
DENSITY %	96.6	96.4	96.4
AVG. BULK DENSITY	96.5		

Tex-200-F SIEVE ANALYSIS

Size	% Passing	TxDOT Spec.
		Item 341
3"		
2 1/2"		
1 3/4"		
1"		
3/4"		
1/2"	98.6	98-100
3/8"	96.8	85-100
No. 4	65.1	50-70
No. 8	41.7	35-46
No. 16		-
No. 30	23.9	15-29
No. 50	15.4	7-20
No. 80		-
No. 100		-
No. 200	4.0	2-7

Notes:

Respectfully submitted.
InTEC of San Antonio, L.P.

murali

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Integrated Engineering and Testing Company of San Antonio, L.P.

12028 Radium, San Antonio, Texas 78216

Phone: (210) 525-9033

Fax: (210) 525-9032

REPORT OF ASPHALT LABORATORY TESTS



Project Number	S232133			Date Sampled	12/18/2024		
Project Name	Gates Subdivision Unit 1						
Tested For	MEH Holding Company LTD			Vendor	Bobcat Materials		
Material Description	Type D Hot Mix Asphalt			Soil ID	7D2		

Tex-227-F MAXIMUM SPECIFIC GRAVITY

Rice Specific Gravity	2.438
Maximum Density, PCF	152.1

Tex-236-F ASPHALT CONTENT

Asphalt Content	5.0
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Tex-207-F BULK SPECIFIC GRAVITY

SPECIMEN #	1	2	3
BULK SPECIFIC GRAVITY	2.341	2.344	2.344
DENSITY %	96.0	96.1	96.1
AVG. BULK DENSITY	96.1		

Tex-200-F SIEVE ANALYSIS

Size	% Passing	TxDOT Spec.
		Item 341
3"		
2 1/2"		
1 3/4"		
1"		
3/4"		
1/2"	99.8	98-100
3/8"	96.4	85-100
No. 4	65.0	50-70
No. 8	39.7	35-46
No. 16		-
No. 30	22.9	15-29
No. 50	14.8	7-20
No. 80		-
No. 100		-
No. 200	3.7	2-7

Notes:

Respectfully submitted.
InTEC of San Antonio, L.P.

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Fax: (210) 525-9032



InTEC of San Antonio
12028 Radium
San Antonio, TX 78216
Phone: 210-525-9033

Compaction Evaluation

Report Date: 01/28/2025
Test Method: ASTM D6938, Tex 115E

Client:

MEH Holding Company LTD
5210 Thousand Oaks, Suite 1318
San Antonio, TX 78233

Project:

S232133
Gates Subdivision Unit 1
29.381265682887246, -98.32008373231879
Bexar County, 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. (%)	Optimum Moisture Tolerance (%)	Remark
212		04/16/24	S24683		CH	15.7	111.3	16.5	107.7	125.5	4	96.8	95	-2 / 2	C
213		04/16/24	S24683		CH	15.7	111.3	16.8	107.1	125.1	4	96.2	95	-2 / 2	C
214		04/17/24	S24683		CH	15.7	111.3	16.2	107.2	124.6	4	96.3	95	-2 / 2	C
215		04/17/24	S24683		CH	15.7	111.3	15.7	107.8	124.7	4	96.9	95	-2 / 2	C
216		04/17/24	S24683		CH	15.7	111.3	14.7	106.8	122.5	4	96.0	95	-2 / 2	C
217		04/17/24	S24683		CH	15.7	111.3	14.7	108.4	124.3	4	97.4	95	-2 / 2	C
218		04/18/24	S24683		CH	15.7	111.3	17.2	106.2	124.5	4	95.4	95	-2 / 2	C
219		04/18/24	S24683		CH	15.7	111.3	17.5	106.4	125.0	4	95.6	95	-2 / 2	C
Test Information															
Test #	Test Location							Elevation	Reference		Gauge Make / Model / SN / Calibrated		Field Technician		
212	Streets - Fill Area: Fieldstone Way STA 12+50, CL								1st Lift		Troxler / 3430P / 76396 / 07/28/2023		Olson, James		
213	Streets - Fill Area: Fieldstone Way STA 14+00, CL								1st Lift		Troxler / 3430P / 76396 / 07/28/2023		Olson, James		
214	Streets - Fill Area: Fieldstone Way STA 12+50, CL								2nd Lift		Troxler / 3430P / 76396 / 07/28/2023		Olson, James		
215	Streets - Fill Area: Fieldstone Way STA 14+00, CL								2nd Lift		Troxler / 3430P / 76396 / 07/28/2023		Olson, James		
216	Streets - Fill Area: Fieldstone Way STA 12+50, CL								3rd Lift		Troxler / 3430P / 76396 / 07/28/2023		Olson, James		
217	Streets - Fill Area: Fieldstone Way STA 14+00, CL								3rd Lift		Troxler / 3430P / 76396 / 07/28/2023		Olson, James		
218	Streets - Fill Area: Fieldstone Way 14+00, CL								4th Lift		Troxler / 3430P / 76396 / 07/28/2023		Olson, James		
219	Streets - Fill Area: Fieldstone Way 12+50, CL								4th Lift		Troxler / 3430P / 76396 / 07/28/2023		Olson, James		
Remarks					Comments										
C: Compliant					Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.										

Testing performed when called in.
InTEC did not observe the installation of the material.
Testing directed by the City Inspector when present.
Test results apply only to the specific locations and materials noted and may not represent any other locations or elevations.



InTEC of San Antonio
12028 Radium
San Antonio, TX 78216
Phone: 210-525-9033

Compaction Evaluation

Report Date: 01/28/2025
Test Method: ASTM D6938, Tex 115E

Client:

MEH Holding Company LTD
5210 Thousand Oaks, Suite 1318
San Antonio, TX 78233

Project:

S232133
Gates Subdivision Unit 1
29.381265682887246, -98.32008373231879
Bexar County, 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. (%)	Optimum Moisture Tolerance (%)	Remark
220		04/19/24	S24683		CH	15.7	111.3	17.7	108.5	127.7	6	97.5	95	-2 / 2	C
221		04/19/24	S24683		CH	15.7	111.3	16.5	113.7	132.5	6	102.2	95	-2 / 2	C
222		04/20/24	S24683		CH	15.7	111.3	16.9	105.9	123.8	6	95.1	95	-2 / 2	C
223		04/20/24	S24683		CH	15.7	111.3	16.4	107.0	124.5	6	96.1	95	-2 / 2	C
224		04/22/24	S24683		CH	15.7	111.3	16.8	109.4	127.8	4	98.3	95	-2 / 2	C
225		04/22/24	S24683		CH	15.7	111.3	16.0	106.5	123.5	4	95.7	95	-2 / 2	C
226		04/22/24	S24683		CH	15.7	111.3	17.5	108.5	127.5	4	97.5	95	-2 / 2	C
227		04/22/24	S24683		CH	15.7	111.3	15.8	107.3	124.3	4	96.4	95	-2 / 2	C
Test Information															
Test #	Test Location							Elevation	Reference		Gauge Make / Model / SN / Calibrated		Field Technician		
220	Streets - Fill Area: Fieldstone Way STA 14+00, CL								5th Lift		Troxler / 3430P / 76396 / 07/28/2023		Olson, James		
221	Streets - Fill Area: Fieldstone Way STA 12+50, CL								5th Lift		Troxler / 3430P / 76396 / 07/28/2023		Olson, James		
222	Streets - Fill Area: Fieldstone Way STA 14+00, CL								6th Lift		Troxler / 3430P / 69895 / 08/17/2023		Martinez, Juan		
223	Streets - Fill Area: Fieldstone Way STA 12+50, 5' off LHS								6th Lift		Troxler / 3430P / 69895 / 08/17/2023		Martinez, Juan		
224	Streets - Fill Area: Fieldstone Way STA 12+50, CL								7th Lift		Troxler / 3430P / 76396 / 07/28/2023		Olson, James		
225	Streets - Fill Area: Fieldstone Way STA 14+00, 5' off RHS								7th Lift		Troxler / 3430P / 76396 / 07/28/2023		Olson, James		
226	Streets - Fill Area: Fieldstone Way STA 12+50, CL								8th Lift		Troxler / 3430P / 76396 / 07/28/2023		Olson, James		
227	Streets - Fill Area: Fieldstone Way STA 14+00, 5' off RHS								8th Lift		Troxler / 3430P / 76396 / 07/28/2023		Olson, James		
Remarks					Comments										
C: Compliant					Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.										

Testing performed when called in.
InTEC did not observe the installation of the material.
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InTEC of San Antonio
12028 Radium
San Antonio, TX 78216
Phone: 210-525-9033

Compaction Evaluation

Report Date: 01/29/2025
Test Method: ASTM D6938, Tex 115E

Client:

MEH Holding Company LTD
5210 Thousand Oaks, Suite 1318
San Antonio, TX 78233

Project:

S232133
Gates Subdivision Unit 1
29.381265682887246, -98.32008373231879
Bexar County, 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. (%)	Optimum Moisture Tolerance (%)	Remark
228		08/22/24	28774		SC-CH	22.0	102.7	22.6	98.5	120.8	4	95.9	95	-2 / 2	C
229		08/22/24	28774		SC-CH	22.0	102.7	21.3	99.3	120.5	4	96.7	95	-2 / 2	C
230		08/22/24	28774		SC-CH	22.0	102.7	20.6	98.6	118.9	4	96.0	95	-2 / 2	C
231		08/22/24	28774		SC-CH	22.0	102.7	22.5	100.1	122.6	4	97.5	95	-2 / 2	C
232		08/22/24	28774		SC-CH	22.0	102.7	21.3	98.2	119.1	4	95.6	95	-2 / 2	C
233		08/22/24	28774		SC-CH	22.0	102.7	20.1	99.3	119.3	4	96.7	95	-2 / 2	C
234		08/22/24	28774		SC-CH	22.0	102.7	21.3	100.7	122.1	4	98.1	95	-2 / 2	C
235		08/22/24	28774		SC-CH	22.0	102.7	22.3	101.3	123.9	4	98.6	95	-2 / 2	C
Test Information															
Test #	Test Location						Elevation	Reference		Gauge Make / Model / SN / Calibrated			Field Technician		
228	Streets - Subgrade: Hastings Way STA 9+00, 5' off LHS							Subgrade		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
229	Streets - Subgrade: Trojan Trail STA 2+00, 5' off RHS							Subgrade		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
230	Streets - Subgrade: Trojan Trail STA 3+50, CL							Subgrade		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
231	Streets - Subgrade: Trojan Trail STA 5+00, 5' off LHS							Subgrade		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
232	Streets - Subgrade: Trojan Trail STA 6+50, 5' off RHS							Subgrade		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
233	Streets - Subgrade: Trojan Trail STA 8+00, CL							Subgrade		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
234	Streets - Subgrade: Hawkwell Ln STA 2+00, 5' off LHS							Subgrade		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
235	Streets - Subgrade: Kestis Ln STA 2+00, 5' off RHS							Subgrade		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
Remarks					Comments										
C: Compliant					Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.										

Testing performed when called in.
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InTEC of San Antonio
12028 Radium
San Antonio, TX 78216
Phone: 210-525-9033

Compaction Evaluation

Report Date: 01/29/2025
Test Method: ASTM D6938, Tex 115E

Client:

MEH Holding Company LTD
5210 Thousand Oaks, Suite 1318
San Antonio, TX 78233

Project:

S232133
Gates Subdivision Unit 1
29.381265682887246, -98.32008373231879
Bexar County, 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. (%)	Optimum Moisture Tolerance (%)	Remark
236		08/23/24	28774		SC-CH	22.0	102.7	21.1	99.9	121.0	4	97.3	95	-2 / 2	C
237		08/23/24	28785		CH	20.0	103.8	21.3	102.9	124.8	4	99.1	95	-2 / 2	C
238		08/23/24	28774		SC-CH	22.0	102.7	20.1	99.7	119.7	4	97.1	95	-2 / 2	C
239		08/23/24	28774		SC-CH	22.0	102.7	21.3	100.0	121.3	4	97.4	95	-2 / 2	C
240		08/23/24	28774		SC-CH	22.0	102.7	20.7	101.3	122.3	4	98.6	95	-2 / 2	C
241		08/23/24	28774		SC-CH	22.0	102.7	21.6	102.0	124.0	4	99.3	95	-2 / 2	C
242		08/23/24	28774		SC-CH	22.0	102.7	21.2	98.1	118.9	4	95.5	95	-2 / 2	C
243		08/23/24	28774		SC-CH	22.0	102.7	20.4	101.5	122.2	4	98.8	95	-2 / 2	C
Test Information															
Test #	Test Location						Elevation	Reference		Gauge Make / Model / SN / Calibrated			Field Technician		
236	Streets - Subgrade: Kailors Cove STA 1+50, CL							Subgrade		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
237	Streets - Subgrade: Sunridge Hts STA 1+50, 5' off LHS							Subgrade		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
238	Streets - Subgrade: Ingress Ave STA 1+50, 5' off RHS							Subgrade		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
239	Streets - Subgrade: Ingress Ave STA 3+00, CL							Subgrade		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
240	Streets - Subgrade: Ingress Ave STA 4+50, 5' off LHS							Subgrade		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
241	Streets - Subgrade: Ingress Ave STA 6+00, 5' off RHS							Subgrade		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
242	Streets - Subgrade: Ingress Ave STA 7+50, CL							Subgrade		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
243	Streets - Subgrade: Ingress Ave STA 9+00, 5' off LHS							Subgrade		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
Remarks					Comments										
C: Compliant					Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.										

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12028 Radium
San Antonio, TX 78216
Phone: 210-525-9033

Compaction Evaluation

Report Date: 01/29/2025
Test Method: ASTM D6938, Tex 115E

Client:

MEH Holding Company LTD
5210 Thousand Oaks, Suite 1318
San Antonio, TX 78233

Project:

S232133
Gates Subdivision Unit 1
29.381265682887246, -98.32008373231879
Bexar County, 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. (%)	Optimum Moisture Tolerance (%)	Remark
244		08/23/24	28785		CH	20.0	103.8	20.2	102.9	123.7	4	99.1	95	-2 / 2	C
245		08/23/24	28774		SC-CH	22.0	102.7	21.4	101.9	123.7	4	99.2	95	-2 / 2	C
246		08/23/24	28774		SC-CH	22.0	102.7	20.1	100.3	120.5	4	97.7	95	-2 / 2	C
247		08/23/24	28774		SC-CH	22.0	102.7	20.1	99.8	119.9	4	97.2	95	-2 / 2	C
248		08/23/24	28774		SC-CH	22.0	102.7	20.6	98.5	118.8	4	95.9	95	-2 / 2	C
249		08/23/24	28774		SC-CH	22.0	102.7	21.0	99.3	120.2	4	96.7	95	-2 / 2	C
250		08/23/24	28774		SC-CH	22.0	102.7	22.1	100.4	122.6	4	97.8	95	-2 / 2	C
251		08/23/24	28774		SC-CH	22.0	102.7	21.3	101.7	123.4	4	99.0	95	-2 / 2	C
Test Information															
Test #	Test Location							Elevation	Reference	Gauge Make / Model / SN / Calibrated			Field Technician		
244	Streets - Subgrade: Kinsley Way STA 1+50 5' off RHS								Subgrade	Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
245	Streets - Subgrade: Fireweed Ct STA 1+50 5' off RHS								Subgrade	Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
246	Streets - Subgrade: Fireweed Ct STA 3+00, CL								Subgrade	Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
247	Streets - Subgrade: Fieldstone Way STA 1+50, 5' off LHS								Subgrade	Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
248	Streets - Subgrade: Fieldstone Way STA 2+50, 5' off RHS								Subgrade	Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
249	Streets - Subgrade: Fieldstone Way STA 3+50, CL								Subgrade	Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
250	Streets - Subgrade: Fieldstone Way STA 4+50, 5' off LHS								Subgrade	Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
251	Streets - Subgrade: Fieldstone Way STA 5+50, 5' off RHS								Subgrade	Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
Remarks					Comments										
C: Compliant					Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.										

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InTEC of San Antonio
12028 Radium
San Antonio, TX 78216
Phone: 210-525-9033

Compaction Evaluation

Report Date: 01/29/2025
Test Method: ASTM D6938, Tex 115E

Client:

MEH Holding Company LTD
5210 Thousand Oaks, Suite 1318
San Antonio, TX 78233

Project:

S232133
Gates Subdivision Unit 1
29.381265682887246, -98.32008373231879
Bexar County, 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. (%)	Optimum Moisture Tolerance (%)	Remark
252		08/23/24	28774		SC-CH	22.0	102.7	20.5	102.3	123.3	4	99.6	95	-2 / 2	C
253		08/23/24	28774		SC-CH	22.0	102.7	21.4	99.8	121.2	4	97.2	95	-2 / 2	C
254		08/23/24	28774		SC-CH	22.0	102.7	20.9	100.2	121.1	4	97.6	95	-2 / 2	C
255		08/23/24	28774		SC-CH	22.0	102.7	21.0	99.7	120.6	4	97.1	95	-2 / 2	C
256		08/23/24	28774		SC-CH	22.0	102.7	20.9	98.9	119.6	4	96.3	95	-2 / 2	C
257		08/23/24	28774		SC-CH	22.0	102.7	21.3	99.1	120.2	4	96.5	95	-2 / 2	C
258		08/23/24	28774		SC-CH	22.0	102.7	21.7	100.1	121.8	4	97.5	95	-2 / 2	C
259		08/23/24	28774		SC-CH	22.0	102.7	20.1	102.3	122.9	4	99.6	95	-2 / 2	C
Test Information															
Test #	Test Location						Elevation	Reference		Gauge Make / Model / SN / Calibrated			Field Technician		
252	Streets - Subgrade: Fieldstone Way STA 6+50, CL							Subgrade		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
253	Streets - Subgrade: Fieldstone Way STA 7+50, 5' off LHS							Subgrade		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
254	Streets - Subgrade: Fieldstone Way STA 8+50, 5' off RHS							Subgrade		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
255	Streets - Subgrade: Fieldstone Way STA 9+50, CL							Subgrade		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
256	Streets - Subgrade: Fieldstone Way STA 10+50, 5' off LHS							Subgrade		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
257	Streets - Subgrade: Fieldstone Way STA 11+50, 5' off RHS							Subgrade		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
258	Streets - Subgrade: Fieldstone Way STA 12+50, CL							Subgrade		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
259	Streets - Subgrade: Fieldstone Way STA 13+50, CL							Subgrade		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
Remarks					Comments										
C: Compliant					Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.										

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San Antonio, TX 78216
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Compaction Evaluation

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San Antonio, TX 78233

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Gates Subdivision Unit 1
29.381265682887246, -98.32008373231879
Bexar County, 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. (%)	Optimum Moisture Tolerance (%)	Remark
260		08/23/24	28774		SC-CH	22.0	102.7	20.1	102.3	122.9	4	99.6	95	-2 / 2	C
261		08/23/24	28774		SC-CH	22.0	102.7	21.3	101.5	123.1	4	98.8	95	-2 / 2	C
262		08/23/24	28774		SC-CH	22.0	102.7	20.5	100.1	120.6	4	97.5	95	-2 / 2	C
263		08/23/24	28774		SC-CH	22.0	102.7	21.0	99.2	120.0	4	96.6	95	-2 / 2	C
264		08/23/24	28774		SC-CH	22.0	102.7	21.7	98.4	119.8	4	95.8	95	-2 / 2	C
265		08/23/24	28774		SC-CH	22.0	102.7	21.8	98.9	120.5	4	96.3	95	-2 / 2	C
Test Information															
Test #	Test Location						Elevation	Reference		Gauge Make / Model / SN / Calibrated			Field Technician		
260	Streets - Subgrade: Fieldstone Way STA 14+50, 5' off RHS							Subgrade		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
261	Streets - Subgrade: Fieldstone Way STA 15+50, CL							Subgrade		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
262	Streets - Subgrade: Fieldstone Way STA 16+50, 5' off LHS							Subgrade		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
263	Streets - Subgrade: Fieldstone Way STA 17+50, 5' off RHS							Subgrade		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
264	Streets - Subgrade: Fieldstone Way STA 18+50, CL							Subgrade		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
265	Streets - Subgrade: Fieldstone Way STA 19+50, 5' off LHS							Subgrade		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
Remarks					Comments										
C: Compliant					Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.										

Testing performed when called in.
InTEC did not observe the installation of the material.
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InTEC of San Antonio
12028 Radium
San Antonio, TX 78216
Phone: 210-525-9033

Compaction Evaluation

Report Date: 01/29/2025
Test Method: ASTM D6938, Tex 115E

Client:

MEH Holding Company LTD
5210 Thousand Oaks, Suite 1318
San Antonio, TX 78233

Project:

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Gates Subdivision Unit 1
29.381265682887246, -98.32008373231879
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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. (%)	Optimum Moisture Tolerance (%)	Remark
266		08/30/24	28968		GC	6.7	139.2	5.2	138.4	145.6	4	99.4	95	-2 / 2	C
267		08/30/24	28968		GC	6.7	139.2	5.0	143.3	150.5	4	102.9	95	-2 / 2	C
268		08/30/24	28968		GC	6.7	139.2	5.1	140.4	147.6	4	100.9	95	-2 / 2	C
269		08/30/24	28968		GC	6.7	139.2	5.4	143.2	150.9	4	102.9	95	-2 / 2	C
270		08/30/24	28968		GC	6.7	139.2	5.0	143.4	150.6	4	103.0	95	-2 / 2	C
271		08/30/24	28968		GC	6.7	139.2	5.1	139.0	146.1	4	99.9	95	-2 / 2	C
272		08/30/24	28968		GC	6.7	139.2	5.0	141.8	148.9	4	101.9	95	-2 / 2	C
273		08/30/24	28968		GC	6.7	139.2	5.1	142.3	149.6	4	102.2	95	-2 / 2	C
Test Information															
Test #	Test Location							Elevation	Reference		Gauge Make / Model / SN / Calibrated			Field Technician	
266	Streets - Base: Hastings Way STA 9+50, CL								1st Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
267	Streets - Base: Trojan Trail STA 8+00, 5' off LHS								1st Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
268	Streets - Base: Trojan Trail STA 7+00, 5' off RHS								1st Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
269	Streets - Base: Trojan Trail STA 6+00, CL								1st Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
270	Streets - Base: Trojan Trail STA 5+00, 5' off LHS								1st Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
271	Streets - Base: Trojan Trail STA 4+00, 5' off RHS								1st Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
272	Streets - Base: Trojan Trail STA 3+00, CL								1st Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
273	Streets - Base: Trojan Trail STA 2+00, 5' off LHS								1st Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
Remarks					Comments										
C: Compliant					Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.										

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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. (%)	Optimum Moisture Tolerance (%)	Remark
274		08/30/24	28968		GC	6.7	139.2	5.1	140.6	147.8	4	101.0	95	-2 / 2	C
275		08/30/24	28968		GC	6.7	139.2	5.2	142.0	149.4	4	102.0	95	-2 / 2	C
276		09/09/24	28968		GC	6.7	139.2	5.3	138.3	145.6	4	99.4	95	-2 / 2	C
277		09/09/24	28968		GC	6.7	139.2	4.9	139.3	146.1	4	100.1	95	-2 / 2	C
278		09/09/24	28968		GC	6.7	139.2	5.0	139.1	146.1	4	99.9	95	-2 / 2	C
279		09/09/24	28968		GC	6.7	139.2	5.3	140.8	148.3	4	101.1	95	-2 / 2	C
280		09/09/24	28968		GC	6.7	139.2	5.1	140.3	147.5	4	100.8	95	-2 / 2	C
281		09/09/24	28968		GC	6.7	139.2	4.8	142.1	148.9	4	102.1	95	-2 / 2	C
Test Information															
Test #	Test Location							Elevation	Reference		Gauge Make / Model / SN / Calibrated			Field Technician	
274	Streets - Base: Kestis Ln STA 1+50, CL								1st Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
275	Streets - Base: Hawkwell Ln STA 2+00, CL								1st Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
276	Streets - Base: Kailors Cove STA 1+50, 5' off RHS								2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
277	Streets - Base: Sunridge Hts STA 1+50, CL								2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
278	Streets - Base: Ingress Ave STA 1+50, 5' off LHS								2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
279	Streets - Base: Ingress Ave STA 3+00, 5' off RHS								2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
280	Streets - Base: Ingress Ave STA 4+50, CL								2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
281	Streets - Base: Ingress Ave STA 6+00, 5' off LHS								2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
Remarks					Comments										
C: Compliant					Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.										

Testing performed when called in.
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InTEC of San Antonio
12028 Radium
San Antonio, TX 78216
Phone: 210-525-9033

Compaction Evaluation

Report Date: 01/29/2025
Test Method: ASTM D6938, Tex 115E

Client:

MEH Holding Company LTD
5210 Thousand Oaks, Suite 1318
San Antonio, TX 78233

Project:

S232133
Gates Subdivision Unit 1
29.381265682887246, -98.32008373231879
Bexar County, 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. (%)	Optimum Moisture Tolerance (%)	Remark
282		09/09/24	28968		GC	6.7	139.2	5.4	138.6	146.1	4	99.6	95	-2 / 2	C
283		09/09/24	28968		GC	6.7	139.2	5.0	139.9	146.9	4	100.5	95	-2 / 2	C
284		09/09/24	28968		GC	6.7	139.2	4.9	141.1	148.0	4	101.4	95	-2 / 2	C
285		09/09/24	28968		GC	6.7	139.2	5.4	140.3	147.9	4	100.8	95	-2 / 2	C
286		09/09/24	28968		GC	6.7	139.2	5.2	140.6	147.9	4	101.0	95	-2 / 2	C
287		09/09/24	28968		GC	6.7	139.2	5.0	139.8	146.8	4	100.4	95	-2 / 2	C
288		09/09/24	28968		GC	6.7	139.2	5.1	141.4	148.6	4	101.6	95	-2 / 2	C
289		09/09/24	28968		GC	6.7	139.2	4.9	139.4	146.2	4	100.1	95	-2 / 2	C
Test Information															
Test #	Test Location						Elevation	Reference		Gauge Make / Model / SN / Calibrated			Field Technician		
282	Streets - Base: Ingress Ave STA 7+50, 5' off RHS							2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
283	Streets - Base: Ingress Ave STA 9+00, CL							2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
284	Streets - Base: Ingress Ave STA 10+50, 5' off LHS							2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
285	Streets - Base: Kinsley Way STA 1+50, CL							2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
286	Streets - Base: Fireweed Ct STA 1+50, CL							2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
287	Streets - Base: Fireweed Ct STA 3+00, CL							2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
288	Streets - Base: Fieldstone Way STA 2+00, 5' off LHS							2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
289	Streets - Base: Fieldstone Way STA 3+00, 5' off RHS							2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
Remarks					Comments										
C: Compliant					Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.										

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San Antonio, TX 78216
Phone: 210-525-9033

Compaction Evaluation

Report Date: 01/29/2025
Test Method: ASTM D6938, Tex 115E

Client:

MEH Holding Company LTD
5210 Thousand Oaks, Suite 1318
San Antonio, TX 78233

Project:

S232133
Gates Subdivision Unit 1
29.381265682887246, -98.32008373231879
Bexar County, 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. (%)	Optimum Moisture Tolerance (%)	Remark
290		09/09/24	28968		GC	6.7	139.2	5.3	141.3	148.8	4	101.5	95	-2 / 2	C
291		09/09/24	28968		GC	6.7	139.2	4.8	139.5	146.2	4	100.2	95	-2 / 2	C
292		09/09/24	28968		GC	6.7	139.2	5.1	140.3	147.5	4	100.8	95	-2 / 2	C
293		09/09/24	28968		GC	6.7	139.2	5.0	144.1	151.3	4	103.5	95	-2 / 2	C
294		09/09/24	28968		GC	6.7	139.2	4.9	141.0	147.9	4	101.3	95	-2 / 2	C
295		09/09/24	28968		GC	6.7	139.2	5.2	140.0	147.3	4	100.6	95	-2 / 2	C
296		09/09/24	28968		GC	6.7	139.2	5.1	142.4	149.7	4	102.3	95	-2 / 2	C
297		09/09/24	28968		GC	6.7	139.2	4.9	141.9	148.9	4	101.9	95	-2 / 2	C
Test Information															
Test #	Test Location						Elevation	Reference		Gauge Make / Model / SN / Calibrated			Field Technician		
290	Streets - Base: Fieldstone Way STA 4+00, CL							2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
291	Streets - Base: Fieldstone Way STA 5+00, 5' off LHS							2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
292	Streets - Base: Fieldstone Way STA 6+00, 5' off RHS							2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
293	Streets - Base: Fieldstone Way STA 7+00, CL							2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
294	Streets - Base: Fieldstone Way STA 8+00, 5' off LHS							2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
295	Streets - Base: Fieldstone Way STA 9+00, 5' off RHS							2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
296	Streets - Base: Fieldstone Way STA 10+00, CL							2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
297	Streets - Base: Fieldstone Way STA 11+00, 5' off LHS							2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
Remarks					Comments										
C: Compliant					Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.										

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San Antonio, TX 78216
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Compaction Evaluation

Report Date: 01/29/2025
Test Method: ASTM D6938, Tex 115E

Client:

MEH Holding Company LTD
5210 Thousand Oaks, Suite 1318
San Antonio, TX 78233

Project:

S232133
Gates Subdivision Unit 1
29.381265682887246, -98.32008373231879
Bexar County, 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. (%)	Optimum Moisture Tolerance (%)	Remark
298		09/09/24	28968		GC	6.7	139.2	5.2	139.6	146.9	4	100.3	95	-2 / 2	C
299		09/09/24	28968		GC	6.7	139.2	5.3	141.2	148.7	4	101.4	95	-2 / 2	C
300		09/09/24	28968		GC	6.7	139.2	5.2	140.1	147.4	4	100.6	95	-2 / 2	C
301		09/09/24	28968		GC	6.7	139.2	5.2	141.6	149.0	4	101.7	95	-2 / 2	C
302		09/09/24	28968		GC	6.7	139.2	4.7	142.0	148.7	4	102.0	95	-2 / 2	C
303		09/09/24	28968		GC	6.7	139.2	5.1	140.0	147.1	4	100.6	95	-2 / 2	C
304		09/09/24	28968		GC	6.7	139.2	5.0	139.4	146.4	4	100.1	95	-2 / 2	C
305		09/09/24	28968		GC	6.7	139.2	5.0	141.0	148.1	4	101.3	95	-2 / 2	C
Test Information															
Test #	Test Location							Elevation	Reference		Gauge Make / Model / SN / Calibrated			Field Technician	
298	Streets - Base: Fieldstone Way STA 12+00, 5' off RHS								2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
299	Streets - Base: Fieldstone Way STA 13+00, CL								2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
300	Streets - Base: Fieldstone Way STA 14+00, 5' off LHS								2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
301	Streets - Base: Fieldstone Way STA 15+00, 5' off RHS								2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
302	Streets - Base: Fieldstone Way STA 16+00, CL								2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
303	Streets - Base: Fieldstone Way STA 17+00, 5' off LHS								2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
304	Streets - Base: Fieldstone Way STA 18+00, 5' off RHS								2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
305	Streets - Base: Fieldstone Way STA 19+00, CL								2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
Remarks					Comments										
C: Compliant					Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.										

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San Antonio, TX 78216
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Compaction Evaluation

Report Date: 01/29/2025
Test Method: ASTM D6938, Tex 115E

Client:

MEH Holding Company LTD
5210 Thousand Oaks, Suite 1318
San Antonio, TX 78233

Project:

S232133
Gates Subdivision Unit 1
29.381265682887246, -98.32008373231879
Bexar County, 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. (%)	Optimum Moisture Tolerance (%)	Remark
306		09/16/24	28968		GC	6.7	139.2	6.0	140.6	149.0	4	101.0	95	-2 / 2	C
307		09/16/24	28968		GC	6.7	139.2	4.7	139.3	145.8	4	100.1	95	-2 / 2	C
308		09/16/24	28968		GC	6.7	139.2	4.9	141.3	148.2	4	101.5	95	-2 / 2	C
309		09/16/24	28968		GC	6.7	139.2	5.0	140.2	147.2	4	100.7	95	-2 / 2	C
310		09/16/24	28968		GC	6.7	139.2	6.3	138.6	147.3	4	99.6	95	-2 / 2	C
311		09/16/24	28968		GC	6.7	139.2	6.2	140.1	148.8	4	100.6	95	-2 / 2	C
312		09/16/24	28968		GC	6.7	139.2	5.9	137.5	145.6	4	98.8	95	-2 / 2	C
313		09/16/24	28968		GC	6.7	139.2	4.8	141.3	148.1	4	101.5	95	-2 / 2	C
Test Information															
Test #	Test Location							Elevation	Reference	Gauge Make / Model / SN / Calibrated			Field Technician		
306	Streets - Base: Fieldstone Way 2+00, 5' off LHS								2nd Lift	Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
307	Streets - Base: Fieldstone Way 3+00, CL								2nd Lift	Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
308	Streets - Base: Fieldstone Way 4+00, 1+00, 5' off RHS								2nd Lift	Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
309	Streets - Base: Fieldstone Way 5+00, 5' off LHS								2nd Lift	Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
310	Streets - Base: Fieldstone Way 6+00, CL								2nd Lift	Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
311	Streets - Base: Fieldstone Way 7+00, 5' off RHS								2nd Lift	Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
312	Streets - Base: Fieldstone Way 8+00, 5' off LHS								2nd Lift	Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
313	Streets - Base: Fieldstone Way 9+00, CL								2nd Lift	Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik		
Remarks					Comments										
C: Compliant					Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.										

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Compaction Evaluation

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Gates Subdivision Unit 1
29.381265682887246, -98.32008373231879
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Test Results															
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314		09/16/24	28968		GC	6.7	139.2	5.1	140.0	147.1	4	100.6	95	-2 / 2	C
315		09/16/24	28968		GC	6.7	139.2	6.6	139.8	149.0	4	100.4	95	-2 / 2	C
316		09/16/24	28968		GC	6.7	139.2	6.3	137.6	146.3	4	98.9	95	-2 / 2	C
317		09/16/24	28968		GC	6.7	139.2	5.7	135.2	142.9	4	97.1	95	-2 / 2	C
318		09/16/24	28968		GC	6.7	139.2	4.8	140.1	146.8	4	100.6	95	-2 / 2	C
319		09/16/24	28968		GC	6.7	139.2	4.7	144.3	151.1	4	103.7	95	-2 / 2	C
320		09/16/24	28968		GC	6.7	139.2	4.7	139.2	145.7	4	100.0	95	-2 / 2	C
321		09/16/24	28968		GC	6.7	139.2	4.9	140.8	147.7	4	101.1	95	-2 / 2	C
Test Information															
Test #	Test Location							Elevation	Reference		Gauge Make / Model / SN / Calibrated			Field Technician	
314	Streets - Base: Fieldstone Way 10+00, 5' off RHS								2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
315	Streets - Base: Fieldstone Way 11+00, 5' off LHS								2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
316	Streets - Base: Fieldstone Way 12+00, CL								2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
317	Streets - Base: Fieldstone Way 13+00, 5' off RHS								2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
318	Streets - Base: Fieldstone Way 14+00, 5' off LHS								2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
319	Streets - Base: Fieldstone Way 15+00, CL								2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
320	Streets - Base: Fieldstone Way 16+00, 5' off RHS								2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
321	Streets - Base: Fieldstone Way 17+00, 5' off LHS								2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
Remarks					Comments										
C: Compliant					Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.										

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322		09/16/24	28968		GC	6.7	139.2	5.1	142.6	149.9	4	102.4	95	-2 / 2	C
323		09/16/24	28968		GC	6.7	139.2	5.2	141.3	148.6	4	101.5	95	-2 / 2	C
324		09/16/24	28968		GC	6.7	139.2	5.0	143.0	150.2	4	102.7	95	-2 / 2	C
325		09/16/24	28968		GC	6.7	139.2	4.7	139.3	145.8	4	100.1	95	-2 / 2	C
326		09/16/24	28968		GC	6.7	139.2	4.9	136.9	143.6	4	98.3	95	-2 / 2	C
327		09/16/24	28968		GC	6.7	139.2	5.3	139.0	146.4	4	99.9	95	-2 / 2	C
328		09/16/24	28968		GC	6.7	139.2	6.0	140.8	149.2	4	101.1	95	-2 / 2	C
329		09/16/24	28968		GC	6.7	139.2	6.7	137.3	146.5	4	98.6	95	-2 / 2	C
Test Information															
Test #	Test Location							Elevation	Reference		Gauge Make / Model / SN / Calibrated			Field Technician	
322	Streets - Base: Fieldstone Way 18+00, CL								2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
323	Streets - Base: Fieldstone Way 19+00, 5' off RHS								2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
324	Streets - Base: Fieldstone Way 20+00, 5' off LHS								2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
325	Streets - Base: Hastings Way 9+00, 5' off LHS								2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
326	Streets - Base: Hastings Way 10+00, CL								2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
327	Streets - Base: Trojan Trail 2+00, 5' off LHS								2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
328	Streets - Base: Trojan Trail STA 3+00, CL								2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
329	Streets - Base: Trojan Trail STA 4+00, 5' off RHS								2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
Remarks					Comments										
C: Compliant					Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.										

Testing performed when called in.
InTEC did not observe the installation of the material.
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Test results apply only to the specific locations and materials noted and may not represent any other locations or elevations.



InTEC of San Antonio
12028 Radium
San Antonio, TX 78216
Phone: 210-525-9033

Compaction Evaluation

Report Date: 01/29/2025
Test Method: ASTM D6938, Tex 115E

Client:

MEH Holding Company LTD
5210 Thousand Oaks, Suite 1318
San Antonio, TX 78233

Project:

S232133
Gates Subdivision Unit 1
29.381265682887246, -98.32008373231879
Bexar County, 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. (%)	Optimum Moisture Tolerance (%)	Remark
330		09/16/24	28968		GC	6.7	139.2	4.7	137.8	144.3	4	99.0	95	-2 / 2	C
331		09/16/24	28968		GC	6.7	139.2	5.2	140.2	147.5	4	100.7	95	-2 / 2	C
332		09/16/24	28968		GC	6.7	139.2	5.1	140.0	147.1	4	100.6	95	-2 / 2	C
333		09/27/24	28968		GC	6.7	139.2	4.7	143.2	149.9	4	102.9	95	-2 / 2	C
334		09/27/24	28968		GC	6.7	139.2	4.7	142.1	148.8	4	102.1	95	-2 / 2	C
335		09/27/24	28968		GC	6.7	139.2	4.8	138.4	145.0	4	99.4	95	-2 / 2	C
336		09/27/24	28968		GC	6.7	139.2	4.7	140.3	146.9	4	100.8	95	-2 / 2	C
337		09/27/24	28968		GC	6.7	139.2	6.2	138.6	147.2	4	99.6	95	-2 / 2	C
Test Information															
Test #	Test Location							Elevation	Reference		Gauge Make / Model / SN / Calibrated			Field Technician	
330	Streets - Base: Trojan Trail STA 5+00, 5' off LHS								2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
331	Streets - Base: Trojan Trail STA 6+00, CL								2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
332	Streets - Base: Trojan Trail STA 7+00, 5' off RHS								2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
333	Streets - Base: Hastings Way STA 9+50, CL								3rd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
334	Streets - Base: Trojan Trail STA 8+00, 5' off LHS								3rd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
335	Streets - Base: Trojan Trail STA 7+00, CL								3rd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
336	Streets - Base: Trojan Trail STA 6+00, 5' off RHS								3rd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
337	Streets - Base: Trojan Trail STA 5+00, 5' off LHS								3rd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
Remarks					Comments										
C: Compliant					Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.										

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InTEC of San Antonio
12028 Radium
San Antonio, TX 78216
Phone: 210-525-9033

Compaction Evaluation

Report Date: 01/29/2025
Test Method: ASTM D6938, Tex 115E

Client:

MEH Holding Company LTD
5210 Thousand Oaks, Suite 1318
San Antonio, TX 78233

Project:

S232133
Gates Subdivision Unit 1
29.381265682887246, -98.32008373231879
Bexar County, 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. (%)	Optimum Moisture Tolerance (%)	Remark
338		09/27/24	28968		GC	6.7	139.2	6.1	140.1	148.6	4	100.6	95	-2 / 2	C
339		09/27/24	28968		GC	6.7	139.2	5.3	139.8	147.2	4	100.4	95	-2 / 2	C
340		09/27/24	28968		GC	6.7	139.2	5.0	139.2	146.2	4	100.0	95	-2 / 2	C
341		09/27/24	28968		GC	6.7	139.2	5.4	140.3	147.9	4	100.8	95	-2 / 2	C
342		09/27/24	28968		GC	6.7	139.2	5.1	140.6	147.8	4	101.0	95	-2 / 2	C
343		09/27/24	28968		GC	6.7	139.2	5.7	139.2	147.1	4	100.0	95	-2 / 2	C
344		09/27/24	28968		GC	6.7	139.2	5.6	139.0	146.8	4	99.9	95	-2 / 2	C
345		09/27/24	28968		GC	6.7	139.2	5.0	142.3	149.4	4	102.2	95	-2 / 2	C
Test Information															
Test #	Test Location							Elevation	Reference		Gauge Make / Model / SN / Calibrated			Field Technician	
338	Streets - Base: Trojan Trail STA 4+00, CL								3rd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
339	Streets - Base: Trojan Trail STA 3+00, 5' off RHS								3rd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
340	Streets - Base: Trojan Trail STA 2+00, 5' off LHS								3rd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
341	Streets - Base: Kestis Ln STA 1+50, CL								2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
342	Streets - Base: Hawkwell Ln STA 2+00, CL								2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
343	Streets - Base: Fireweed Ct STA 2+00, CL								2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
344	Streets - Base: Kinsley Way STA 1+50, CL								2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
345	Streets - Base: Ingress Ave STA 2+00, 5' off LHS								2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
Remarks					Comments										
C: Compliant					Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.										

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Phone: 210-525-9033

Compaction Evaluation

Report Date: 01/29/2025
Test Method: ASTM D6938, Tex 115E

Client:

MEH Holding Company LTD
5210 Thousand Oaks, Suite 1318
San Antonio, TX 78233

Project:

S232133
Gates Subdivision Unit 1
29.381265682887246, -98.32008373231879
Bexar County, 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. (%)	Optimum Moisture Tolerance (%)	Remark
346		09/27/24	28968		GC	6.7	139.2	4.9	141.6	148.5	4	101.7	95	-2 / 2	C
347		09/27/24	28968		GC	6.7	139.2	5.2	140.8	148.1	4	101.1	95	-2 / 2	C
348		09/27/24	28968		GC	6.7	139.2	5.3	139.2	146.6	4	100.0	95	-2 / 2	C
349		09/27/24	28968		GC	6.7	139.2	5.0	140.3	147.3	4	100.8	95	-2 / 2	C
350		09/27/24	28968		GC	6.7	139.2	5.1	141.1	148.3	4	101.4	95	-2 / 2	C
351		10/04/24	28968		GC	6.7	139.2	4.7	133.6	139.9	4	96.0	95	-2 / 2	C
352		10/04/24	28968		GC	6.7	139.2	5.0	134.8	141.5	4	96.8	95	-2 / 2	C
353		10/04/24	28968		GC	6.7	139.2	4.9	135.2	141.8	4	97.1	95	-2 / 2	C
Test Information															
Test #	Test Location							Elevation	Reference		Gauge Make / Model / SN / Calibrated			Field Technician	
346	Streets - Base: Ingress Ave STA 3+50, CL								2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
347	Streets - Base: Ingress Ave STA 5+00, 5' off RHS								2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
348	Streets - Base: Ingress Ave STA 6+50, 5' off LHS								2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
349	Streets - Base: Ingress Ave STA 8+00, CL								2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
350	Streets - Base: Ingress Ave STA 9+50, 5' off LHS								2nd Lift		Troxler / 3430 / 30784 / 06/11/2024			Davenport, Erik	
351	Streets - Base: Fieldstone Way STA 2+00, CL								3rd Lift		Humboldt / 5001EZ / 2487 / 03/06/2024			Torres, Emanual	
352	Streets - Base: Fieldstone Way STA 3+00, 5' off RHS								3rd Lift		Humboldt / 5001EZ / 2487 / 03/06/2024			Torres, Emanual	
353	Streets - Base: Fieldstone Way STA 4+00, 5' off LHS								3rd Lift		Humboldt / 5001EZ / 2487 / 03/06/2024			Torres, Emanual	
Remarks					Comments										
C: Compliant					Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.										

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San Antonio, TX 78216
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Compaction Evaluation

Report Date: 01/29/2025
Test Method: ASTM D6938, Tex 115E

Client:

MEH Holding Company LTD
5210 Thousand Oaks, Suite 1318
San Antonio, TX 78233

Project:

S232133
Gates Subdivision Unit 1
29.381265682887246, -98.32008373231879
Bexar County, 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. (%)	Optimum Moisture Tolerance (%)	Remark
354		10/04/24	28968		GC	6.7	139.2	5.1	132.9	139.7	4	95.5	95	-2 / 2	C
355		10/04/24	28968		GC	6.7	139.2	5.3	136.8	144.1	4	98.3	95	-2 / 2	C
356		10/04/24	28968		GC	6.7	139.2	5.6	135.3	142.9	4	97.2	95	-2 / 2	C
357		10/04/24	28968		GC	6.7	139.2	4.9	139.2	146.0	4	100.0	95	-2 / 2	C
358		10/04/24	28968		GC	6.7	139.2	5.0	138.1	145.0	4	99.2	95	-2 / 2	C
359		10/04/24	28968		GC	6.7	139.2	5.2	137.3	144.4	4	98.6	95	-2 / 2	C
360		10/04/24	28968		GC	6.7	139.2	5.3	136.5	143.7	4	98.1	95	-2 / 2	C
361		10/04/24	28968		GC	6.7	139.2	6.0	135.2	143.3	4	97.1	95	-2 / 2	C
Test Information															
Test #	Test Location							Elevation	Reference		Gauge Make / Model / SN / Calibrated			Field Technician	
354	Streets - Base: Fieldstone Way STA 5+00, CL								3rd Lift		Humboldt / 5001EZ / 2487 / 03/06/2024			Torres, Emanual	
355	Streets - Base: Fieldstone Way STA 6+00, 5' off RHS								3rd Lift		Humboldt / 5001EZ / 2487 / 03/06/2024			Torres, Emanual	
356	Streets - Base: Fieldstone Way STA 7+00, 5' off LHS								3rd Lift		Humboldt / 5001EZ / 2487 / 03/06/2024			Torres, Emanual	
357	Streets - Base: Fieldstone Way STA 8+00, CL								3rd Lift		Humboldt / 5001EZ / 2487 / 03/06/2024			Torres, Emanual	
358	Streets - Base: Fieldstone Way STA 9+00, 5' off RHS								3rd Lift		Humboldt / 5001EZ / 2487 / 03/06/2024			Torres, Emanual	
359	Streets - Base: Fieldstone Way STA 10+00, 5' off LHS								3rd Lift		Humboldt / 5001EZ / 2487 / 03/06/2024			Torres, Emanual	
360	Streets - Base: Fieldstone Way STA 11+00, CL								3rd Lift		Humboldt / 5001EZ / 2487 / 03/06/2024			Torres, Emanual	
361	Streets - Base: Fieldstone Way STA 12+00, 5' off RHS								3rd Lift		Humboldt / 5001EZ / 2487 / 03/06/2024			Torres, Emanual	
Remarks					Comments										
C: Compliant					Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.										

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Gates Subdivision Unit 1
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Bexar County, TX

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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. (%)	Optimum Moisture Tolerance (%)	Remark
362		10/04/24	28968		GC	6.7	139.2	5.1	133.8	140.6	4	96.1	95	-2 / 2	C
363		10/04/24	28968		GC	6.7	139.2	5.5	136.9	144.4	4	98.3	95	-2 / 2	C
364		10/04/24	28968		GC	6.7	139.2	5.4	139.1	146.6	4	99.9	95	-2 / 2	C
365		10/04/24	28968		GC	6.7	139.2	4.8	137.2	143.8	4	98.6	95	-2 / 2	C
Test Information															
Test #	Test Location							Elevation	Reference		Gauge Make / Model / SN / Calibrated			Field Technician	
362	Streets - Base: Fieldstone Way STA 13+00, 5' off LHS								3rd Lift		Humboldt / 5001EZ / 2487 / 03/06/2024			Torres, Emanual	
363	Streets - Base: Fieldstone Way STA 14+00, CL								3rd Lift		Humboldt / 5001EZ / 2487 / 03/06/2024			Torres, Emanual	
364	Streets - Base: Fieldstone Way STA 15+00, 5' off RHS								3rd Lift		Humboldt / 5001EZ / 2487 / 03/06/2024			Torres, Emanual	
365	Streets - Base: Fieldstone Way STA 16+00, 5' off LHS								3rd Lift		Humboldt / 5001EZ / 2487 / 03/06/2024			Torres, Emanual	
Remarks					Comments										
C: Compliant					Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.										

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366		10/04/24	28968		GC	6.7	139.2	4.8	135.8	142.3	4	97.6	95	-2 / 2	C
367		10/04/24	28968		GC	6.7	139.2	5.1	136.3	143.3	4	97.9	95	-2 / 2	C
368		10/04/24	28968		GC	6.7	139.2	5.3	135.5	142.7	4	97.3	95	-2 / 2	C
369		10/04/24	28968		GC	6.7	139.2	6.0	134.1	142.1	4	96.3	95	-2 / 2	C
370		10/04/24	28968		GC	6.7	139.2	6.1	138.8	147.3	4	99.7	95	-2 / 2	C
371		10/04/24	28968		GC	6.7	139.2	5.9	140.3	148.6	4	100.8	95	-2 / 2	C
372		10/25/24	28968		GC	6.7	139.2	5.1	145.2	152.6	4	104.3	95	-2 / 2	C
373		10/25/24	28968		GC	6.7	139.2	4.7	145.8	152.7	4	104.7	95	-2 / 2	C
Test Information															
Test #	Test Location						Elevation	Reference		Gauge Make / Model / SN / Calibrated			Field Technician		
366	Streets - Base: Fieldstone Way STA 17+00, CL							3rd Lift		Humboldt / 5001EZ / 2487 / 03/06/2024			Torres, Emanual		
367	Streets - Base: Fieldstone Way STA 18+00, 5' off RHS							3rd Lift		Humboldt / 5001EZ / 2487 / 03/06/2024			Torres, Emanual		
368	Streets - Base: Fieldstone Way STA 19+00, 5' off LHS							3rd Lift		Humboldt / 5001EZ / 2487 / 03/06/2024			Torres, Emanual		
369	Streets - Base: Fieldstone Way STA 20+00, CL							3rd Lift		Humboldt / 5001EZ / 2487 / 03/06/2024			Torres, Emanual		
370	Streets - Base: Kailors Cove STA 2+00, 5' off LHS							2nd Lift		Humboldt / 5001EZ / 2487 / 03/06/2024			Torres, Emanual		
371	Streets - Base: Sunridge Hts STA 2+00, 5' off LHS							2nd Lift		Humboldt / 5001EZ / 2487 / 03/06/2024			Torres, Emanual		
372	Streets - Base: Deceleration Lane off Hwy 87							1st Lift		Troxler / 3430P / 76396 / 04/30/2024			Olson, James		
373	Streets - Base: Deceleration Lane off Hwy 87							1st Lift		Troxler / 3430P / 76396 / 04/30/2024			Olson, James		
Remarks					Comments										
C: Compliant					Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.										

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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. (%)	Optimum Moisture Tolerance (%)	Remark
374		10/25/24	28968		GC	6.7	139.2	4.8	147.7	154.8	4	106.1	95	-2 / 2	C
375		10/25/24	28968		GC	6.7	139.2	5.4	146.3	154.2	4	105.1	95	-2 / 2	C
376		10/29/24	28968		GC	6.7	139.2	5.8	141.9	150.1	4	101.9	95	-2 / 2	C
377		10/29/24	28968		GC	6.7	139.2	6.5	140.3	149.4	4	100.8	95	-2 / 2	C
378		10/31/24	28968		GC	6.7	139.2	5.4	139.7	147.2	4	100.4	95	-2 / 2	C
379		10/31/24	28968		GC	6.7	139.2	5.8	141.2	149.4	4	101.4	95	-2 / 2	C
Test Information															
Test #	Test Location						Elevation	Reference		Gauge Make / Model / SN / Calibrated			Field Technician		
374	Streets - Base: Deceleration Lane off Hwy 87							1st Lift		Troxler / 3430P / 76396 / 04/30/2024			Olson, James		
375	Streets - Base: Deceleration Lane off Hwy 87							1st Lift		Troxler / 3430P / 76396 / 04/30/2024			Olson, James		
376	Streets - Base: U.S. Highway 87 Intersection into Fieldstone Way RHS							2nd Lift		Humboldt / 5001EZ / 2487 / 03/06/2024			Torres, Emanual		
377	Streets - Base: U.S. Highway 87 Intersection into Fieldstone Way LHS							2nd Lift		Humboldt / 5001EZ / 2487 / 03/06/2024			Torres, Emanual		
378	Streets - Base: U.S. Highway 87 Intersection into Fieldstone Way RHS							3rd Lift		Humboldt / 5001EZ / 2487 / 03/06/2024			Torres, Emanual		
379	Streets - Base: U.S. Highway 87 Intersection into Fieldstone Way LHS							3rd Lift		Humboldt / 5001EZ / 2487 / 03/06/2024			Torres, Emanual		
Remarks					Comments										
C: Compliant					Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.										

Testing performed when called in.
InTEC did not observe the installation of the material.
Testing directed by the City Inspector when present.
Test results apply only to the specific locations and materials noted and may not represent any other locations or elevations.



inTEC of San Antonio
12028 Radium
San Antonio, TX 78216
Phone: 210-525-9033

Asphalt Compaction Evaluation

Report Date: 01/29/2025

Test Method:

Client:

MEH Holding Company LTD
5210 Thousand Oaks, Suite 1318
San Antonio, TX 78233

Project:

S232133
Gates Subdivision Unit 1
29.381265682887246, -98.32008373231879
Bexar County, 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		10/23/24	Conduit Crossings: Field Stone Way, Block 5 Lot 904	Type B			153.2	7B / Rice - TxDOT Tex 227F	143.5	Backscatter	93.7	92 / 97	C	2487	Torres, Emanuel
2		10/23/24	Conduit Crossings: Trojan Trail, Block 5 Lot 905	Type B			153.2	7B / Rice - TxDOT Tex 227F	144.7	Backscatter	94.5	92 / 97	C	2487	Torres, Emanuel
3		10/23/24	Conduit Crossings: Sunridge HTS, Block 3 Lot 901	Type B			153.2	7B / Rice - TxDOT Tex 227F	143.8	Backscatter	93.9	92 / 97	C	2487	Torres, Emanuel
4		10/23/24	Conduit Crossings: Field Stonen Lot 908	Type B			153.2	7B / Rice - TxDOT Tex 227F	145.1	Backscatter	94.7	92 / 97	C	2487	Torres, Emanuel
5		10/23/24	Conduit Crossings: Field Stone Way, Block 5 Lot 904	Type B			153.2	7B / Rice - TxDOT Tex 227F	143.9	Backscatter	93.9	92 / 97	C	2487	Torres, Emanuel
6		10/23/24	Conduit Crossings: Trojan Trail, Block 5 Lot 905	Type B			153.2	7B / Rice - TxDOT Tex 227F	143.2	Backscatter	93.5	92 / 97	C	2487	Torres, Emanuel
7		10/23/24	Conduit Crossings: Sunrise HTS, Block 3 Lot 901	Type B			153.2	7B / Rice - TxDOT Tex 227F	144.3	Backscatter	94.2	92 / 97	C	2487	Torres, Emanuel
8		10/23/24	Conduit Crossings: Field Stone, Lot 908	Type B			153.2	7B / Rice - TxDOT Tex 227F	144.0	Backscatter	94.0	92 / 97	C	2487	Torres, Emanuel
9		12/11/24	Streets - Asphalt: Ingress Ave STA 10+00	Type D			151.8	7D1 / Rice - TxDOT Tex 227F	145.3	Backscatter	95.7	92 / 97	C	2487	Torres, Emanuel

Testing performed when called in by contractor.

inTEC did not observe the installation of the material. Test results apply only to the specific locations and materials noted and may not represent any other locations or elevations.



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Project:

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Bexar County, 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
10		12/12/24	Streets - Asphalt: Ingress Ave STA 8+00	Type D			151.8	7D1 / Rice - TxDOT Tex 227F	144.7	Backscatter	95.3	92 / 97	C	2487	Torres, Emanuel
11		12/12/24	Streets - Asphalt: Ingress Ave STA 6+00 5'off RHS	Type D			151.8	7D1 / Rice - TxDOT Tex 227F	143.9	Backscatter	94.8	92 / 97	C	2487	Torres, Emanuel
12		12/12/24	Streets - Asphalt: Ingress Ave STA 4+00 5'off LHS	Type D			151.8	7D1 / Rice - TxDOT Tex 227F	144.6	Backscatter	95.3	92 / 97	C	2487	Torres, Emanuel
13		12/12/24	Streets - Asphalt: Ingress Ave STA 2+00 5'off RHS	Type D			151.8	7D1 / Rice - TxDOT Tex 227F	142.8	Backscatter	94.1	92 / 97	C	2487	Torres, Emanuel
14		12/12/24	Streets - Asphalt: Fireweed CT STA 1+50 5'OFF LHS	Type D			151.8	7D1 / Rice - TxDOT Tex 227F	143.8	Backscatter	94.7	92 / 97	C	2487	Torres, Emanuel
15		12/12/24	Streets - Asphalt: Fireweed CT STA 3+20 5'OFF RHS	Type D			151.8	7D1 / Rice - TxDOT Tex 227F	143.7	Backscatter	94.7	92 / 97	C	2487	Torres, Emanuel
16		12/12/24	Streets - Asphalt: Kinsley Way STA 1+25 5'off LHS	Type D			151.8	7D1 / Rice - TxDOT Tex 227F	142.9	Backscatter	94.1	92 / 97	C	2487	Torres, Emanuel

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Bexar County, 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
17		12/12/24	Streets - Asphalt: Kinsley Way STA 2+50 5' off RHS	Type D			151.8	7D1 / Rice - TxDOT Tex 227F	143.9	Backscatter	94.8	92 / 97	C	2487	Torres, Emanuel
18		12/13/24	Streets - Asphalt: Fieldstone Way STA 10+00, CL	Type C			152.5	7C / Rice - TxDOT Tex 227F	141.6	Backscatter	92.9	92 / 97	C	76396	Olson, James
19		12/13/24	Streets - Asphalt: Fieldstone Way STA 12+00, 5' off RHS	Type C			152.5	7C / Rice - TxDOT Tex 227F	142.3	Backscatter	93.3	92 / 97	C	76396	Olson, James
20		12/13/24	Streets - Asphalt: Fieldstone Way STA 14+00, 5' off LHS	Type C			152.5	7C / Rice - TxDOT Tex 227F	144.9	Backscatter	95.0	92 / 97	C	76396	Olson, James
21		12/13/24	Streets - Asphalt: Fieldstone Way STA 16+00, CL	Type C			152.5	7C / Rice - TxDOT Tex 227F	144.0	Backscatter	94.4	92 / 97	C	76396	Olson, James
22		12/13/24	Streets - Asphalt: Fieldstone Way STA 18+00, 5' off RHS	Type C			152.5	7C / Rice - TxDOT Tex 227F	145.1	Backscatter	95.1	92 / 97	C	76396	Olson, James
23		12/13/24	Streets - Asphalt: Trojan Trail STA 3+00, 5' off LHS	Type C			152.5	7C / Rice - TxDOT Tex 227F	142.2	Backscatter	93.2	92 / 97	C	76396	Olson, James
24		12/17/24	Streets - Asphalt: Fieldstone way STA 8+00	Type C			152.5	7C / Rice - TxDOT Tex 227F	142.7	Backscatter	93.6	92 / 97	C	2487	Torres, Emanuel
25		12/17/24	Streets - Asphalt: Fieldstone way STA 6+00	Type C			152.5	7C / Rice - TxDOT Tex 227F	141.9	Backscatter	93.0	92 / 97	C	2487	Torres, Emanuel

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Project:

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Gates Subdivision Unit 1
29.381265682887246, -98.32008373231879
Bexar County, 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
26		12/17/24	Streets - Asphalt: Fieldstone way STA 4+00	Type C			152.5	7C / Rice - TxDOT Tex 227F	142.3	Backscatter	93.3	92 / 97	C	2487	Torres, Emanual
27		12/17/24	Streets - Asphalt: Fieldstone way STA 2+00	Type C			152.5	7C / Rice - TxDOT Tex 227F	141.8	Backscatter	93.0	92 / 97	C	2487	Torres, Emanual
28		12/18/24	Streets - Asphalt: Fieldstone way STA 18+00	Type D			152.1	7D2 / Rice - TxDOT Tex 227F	143.8	Backscatter	94.5	92 / 97	C	2487	Torres, Emanual
29		12/18/24	Streets - Asphalt: Fieldstone way STA 15+00	Type D			152.1	7D2 / Rice - TxDOT Tex 227F	142.2	Backscatter	93.5	92 / 97	C	2487	Torres, Emanual
30		12/18/24	Streets - Asphalt: Fieldstone way STA 12+00	Type D			152.1	7D2 / Rice - TxDOT Tex 227F	143.7	Backscatter	94.5	92 / 97	C	2487	Torres, Emanual
31		12/18/24	Streets - Asphalt: Fieldstone way STA 9+00	Type D			152.1	7D2 / Rice - TxDOT Tex 227F	144.0	Backscatter	94.7	92 / 97	C	2487	Torres, Emanual
32		12/19/24	Streets - Asphalt: Fieldstone way STA 6+00	Type D			152.1	7D2 / Rice - TxDOT Tex 227F	141.9	Backscatter	93.3	92 / 97	C	2487	Torres, Emanual
33		12/19/24	Streets - Asphalt: Fieldstone way STA 3+00	Type D			152.1	7D2 / Rice - TxDOT Tex 227F	142.5	Backscatter	93.7	92 / 97	C	2487	Torres, Emanual

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Test Results

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34		12/19/24	Streets - Asphalt: Trojan Trail STA 2+00	Type D			152.1	7D2 / Rice - TxDOT Tex 227F	142.0	Backscatter	93.4	92 / 97	C	2487	Torres, Emanuel
35		12/19/24	Streets - Asphalt: Trojan Trail STA 5+00	Type D			152.1	7D2 / Rice - TxDOT Tex 227F	142.6	Backscatter	93.8	92 / 97	C	2487	Torres, Emanuel
36		12/19/24	Streets - Asphalt: Trojan Trail STA 8+00	Type D			152.1	7D2 / Rice - TxDOT Tex 227F	142.4	Backscatter	93.6	92 / 97	C	2487	Torres, Emanuel

Remarks

C: Compliant

Comments

Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter"

Gauge Information

Gauge SN	Make	Model	Density Count	Moisture Count	Standard Count Date	Last Calibration Date	Last Calibrated By
2487	Humboldt	5001EZ	2059	482	10/23/24	03/06/24	Qal-Tek
2487	Humboldt	5001EZ	2059	483	12/11/24	03/06/24	Qal-Tek
2487	Humboldt	5001EZ	2059	480	12/12/24	03/06/24	Qal-Tek
2487	Humboldt	5001EZ	2059	480	12/17/24	03/06/24	Qal-Tek
2487	Humboldt	5001EZ	2059	480	12/18/24	03/06/24	Qal-Tek
2487	Humboldt	5001EZ	2059	480	12/19/24	03/06/24	Qal-Tek
76396	Troxler	3430P	2230	707	12/13/24	04/30/24	Qal-Tek

Testing performed when called in by contractor.

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