



Gilbert Luna [REDACTED]

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**Universal Constructors=Zorro Ranch (August Invoice)**

1 message

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Danette Garcia <[REDACTED]>

Wed, Oct 31, 2018 at 11:59 AM

To: [REDACTED]

Good Morning,

Attached is the August Invoice for the above mentioned project.

Thank you and have a great day

**Danette A. Garcia**

Front Office Manager  
[REDACTED]

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 **Universal Constructors=Zorro Ranch (August Invoice).pdf**  
856K



Admin@BSNSantaFe.com

28 - Bisbee Court • Suite: B-10 • Santa Fe, NM 87508-1410 • Tel: 505-473-7973 • Fax: 505-473-1079

**Universal Constructors, Inc**  
**C/O Zorro Ranch, LLC**  
 Attn: Accounts Payable  
 49 Zorro Ranch Road  
 Stanley, New Mexico 87056

Invoice No: **BSNT18-835**  
 Project Name: **Zorro Ranch**  
 Date: **October 24, 2018**

**MATERIALS TESTING INVOICE**

Date	Description	Min or Qty	Test Rate	Hours Used	Hourly Rate	Mileage + Auto	Total
<b>Zorro Ranch Road, Stanley, Santa Fe County, NM</b>							
8/20/2018	Soil Field Sampling (18-S177)	2	\$ 60.00				\$ 120.00
	Sieve Analysis (18-S177)	1	\$ 65.00				\$ 65.00
	Modified Proctor (18-S177)	1	\$ 225.00				\$ 225.00
	Atterberg Limits (18-S177)	1	\$ 120.00				\$ 120.00
	Analyst (Travel/Site Standby/Lab Service/Reporting)			2	\$ 60.00	\$ 62.00	\$ 182.00
8/21/2018	Soil Field Sampling (18-A069)	2	\$ 60.00				\$ 120.00
	Sieve Analysis (18-A069)	1	\$ 65.00				\$ 65.00
	Modified Proctor (18-A069)	1	\$ 225.00				\$ 225.00
	Atterberg Limits (18-A069)	1	\$ 120.00				\$ 120.00
	Analyst (Travel/Site Standby/Lab Service/Reporting)			3	\$ 60.00	\$ 62.00	\$ 242.00
8/22/2018	Field Densities 18-D1041	2	\$ 60.00				\$ 120.00
	Analyst (Travel/Site Standby/Lab Service/Reporting)			2	\$ 60.00	\$ 62.00	\$ 182.00
8/28/2018	Field Densities (18-D1078)	2	\$ 60.00				\$ 120.00
	Analyst (Travel/Site Standby/Lab Service/Reporting)			3	\$ 60.00	\$ 62.00	\$ 242.00
8/29/2018	HMA Field Sampling (18-H076)	2	\$ 60.00				\$ 120.00
	Superpave Volumetrics (18-H076)	1	\$ 265.00				\$ 265.00
	Ignition Burn (18-H076)	1	\$ 265.00				\$ 265.00
	Field Densities (18-D1080)	2	\$ 60.00				\$ 120.00
	Analyst (Travel/Site Standby/Lab Service/Reporting)			4	\$ 60.00	\$ 62.00	\$ 302.00
8/30/2018	Field Densities (18-D1086)	2	\$ 60.00				\$ 120.00
	Analyst (Travel/Site Standby/Lab Service/Reporting)			4	\$ 60.00	\$ 62.00	\$ 302.00
<b>Subtotal:</b>							<b>\$ 3,642.00</b>
NM Gross Receipt Tax Exempt Certificate No.: A-1892506-06-00147 (NTTC) / Issued: 12-03-2004							\$ -
<b>Total amount for this invoice (Payable Upon Receipt)</b>							<b>\$ 3,642.00</b>

Invoices shall be e-mailed unless otherwise noted. Project contact noted below.

**Thank you for your business.**

BSN Santa Fe Inc. Contact

Please submit a partial lien waiver document along with payment or final completion.



Gilbert Luna [REDACTED]

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**Universal Constructors=Zorro Ranch (Reports)**

1 message

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**Danette Garcia** [REDACTED]  
To: [REDACTED]

Tue, Oct 23, 2018 at 11:58 AM

Good Afternoon,

Attached are the most recent test results.

Thank you and have a great day.

**Danette A. Garcia**

Front Office Manager



 **Universal Constructors=Zorro Ranch (Reports).pdf**  
2207K



28 - Bisbee Court • Suite: B-10 • Santa Fe, NM 87508-1410 • Tel: [REDACTED]

PROFESSIONAL ENGINEERING SERVICES  
 CONSTRUCTION MANAGEMENT  
 ENGINEERING CONSULTANTS  
 TRAINING  
 CONSTRUCTION STAKING  
 MATERIALS TESTING ANALYSIS/LABORATORY  
 SWPPP MANAGEMENT  
 DRAFTING

**IN-PLACE FIELD DENSITY TEST REPORT**

Project Name/No:		Zorro Ranch		BSN Lab Number: 18-D1232		Gauge Make: Instron Tek	
Project Control No:				Date Tested: 10/12/2018		Gauge Model: Xplorer	
Location:		Stanley, New Mexico		Material Type: HMA		Serial Number: 1396	
Contractor/Client:		Universal Construction		Structure Type: Roadway & Courtyard		Inspector: Ricky E. Gornek	
Average Daily Standard Count:		2379		Average Daily Moisture Standard Count:		601	
Test Number	1	2	3	4	5		
Location/Station Tested	Entrance to Barn Courtyard						
Location-off-set	CL of Road						
Lift Tested	Final Mat						
Depth Tested	B/S						
Max. Dry Density (pcf)	156.6						
Optimum Moisture-%							
Density Counts	762						
Air Gap CPM							
Moisture Counts	77						
Wet Density (pcf)	151.5	151.8					
Moisture (pcf)							
Dry Density (pcf)							
%- Moisture							
%-Compaction	96.7	96.9					
Avg. Dry density							
Avg. %-Moisture							
Avg. %Compaction		96.8					
Required %-Moisture							
Required %-Compaction		93-96%					

Notes/Comments If Any: None

Inspector Name: Ricky E. Gornek

Inspector Signature: *Ricky E. Gornek*

Date Reported: 10/12/2018

DDC001-12

# BSN Santa Fe MATERIALS TESTING LABORATORY

## ASPHALTIC CONCRETE DAILY PRODUCTION REPORT

English

Customer: <b>Universal Constructors</b>	Date: 10/5/2018	REPORT	CONTRACTOR	Report No.: 18-H091
Material Type: <b>Quartzite</b>	Proj. Name: <b>Zorro Ranch</b>	X	AGENCY	Project Manager: <b>Universal Constructors</b>
HMA Type: <b>SP-III</b>	Location: <b>Stanley, New Mexico</b>			Sample Location: <b>Entrance to Courtyard</b>

	DESIGN & CONTROL DATA			FIELD LAB DATA						CORE DENSITY ACCEPTANCE SECTION				
	DESIGN	Min	Max	SET 1	SET 2	SET 3	SET 4	SET 5	SET 6	CORE #	CORE HT.	Station	Location	COMP.
BULK DENSITY	2.401			2.406						1	3.01	Courtyard	Courtyard	93.09
MAXIMUM DENSITY	2.5			2.497						#VALUE!				#VALUE!
% AIR VOIDS	4.0	2.6	5.4	3.6						#VALUE!				#VALUE!
VMA	14.2	12.6	15.8	14.1						#VALUE!				#VALUE!
VFA	71.9	72.0	80.0	74.2						#VALUE!				#VALUE!
FA-Angularity(% Voids)	54%	40	---											
Flat & Elongated Particle-%	10.0%	---	20											
CA-Angularity(FF)-%	100.0%	75		100										
SAND EQUIVALENT	61.0%	45	---											
DUST PROPORTION	1.3	1	1.6	1.5										
SPECIMEN HEIGHT (mm)	115	110	120	116.3										

IGNITION BURN with Correction Factors					GRADATION PERCENTAGE PASSING							INITIAL & DESIGN & MAXIMUM GRADATIONS			
CHARACTERISTIC	% AC	2"	1-1/2"	1"	3/4"	1/2"	3/8"	# 4	# 8	# 20	<89%	=96%	<98%	AVERAGE	
TARGET VALUE	4.8	100	100	100	90-100	Max 90			23-49	2.0-8.0	88.0	96.8	96.8	87.3	
RANGE Min.	4.50	---			94		75	46	23	4.4	86.7	96.0	96.0	96.4	
RANGE Max.	5.3	---		100	100	100	86	60	49	7.2	87.7	96.5	96.4	96.4	
Moisture Max. 0.7	% AC	AGGREGATE GRADATION CORRECTION FACTORS													
Min. 2.7	0.70									1.8					
TEST NO.	STATION SAMPLED	Moisture	Coldfeed												
	COLD FEED														
	COLD FEED														
	COLD FEED														
	COLD FEED														
	COLD FEED														
TEST NO.	STATION SAMPLED	% AC	BURN												
18-H091	Ice to Cor. Stanley, NM	4.84	100	100	100	100	87	79	56	36	6.9				

BATCH PROPORTIONS - COLD FEED							
CA 1	CA 2	IA	CR FA	CR FA	FILLER	Versabind	LIME
29.0%		25.0%		10.0%			35.0%
0							

PLACEMENT DATA				TEMPERATURE & MOISTURE DATA				QUANTITIES			
Roll Pattern	STATION	Density	Temp	% Compaction				P.M. REQ. PLANT TEMP.	MIX PRODUCED		
								WASTE			
								PAY	%AC		
								AC USED	STRAP		
								AC WASTE			
								AC PAY	% LIME		
								LIME USED	STRAP		
								LIME WASTE			
								LIME PAY			
								REQUIRED YIELD			
								ACTUAL YIELD			
								REQUIRED THICKNESS			
								ACTUAL THICKNESS			

<p><b>FIELD REMARKS:</b></p> <p style="background-color: yellow;">Sample tonnage 80</p> <p style="background-color: yellow;">Temperature of sample is 276 degrees F.</p> <p style="background-color: yellow;">Sample pulled by Ricky Gorenak</p> <p style="background-color: yellow;">Coreing performed on 10-5-2018 in the Courtyard</p>	<p><b>BSN SANTA FE LAB REMARKS:</b></p> <p>All areas within specified limits.</p>
PROJECT MANAGER: <u>Universal Constructors</u>	BSN Lab Supervisor: <u>David A. Vigil</u>
LAB TECHNICIAN: <u>Austin L. Walker</u>	





Gilbert Luna <[REDACTED]>

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## Universal Constructors=Zorro Ranch (Report)

1 message

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Danette Garcia <[REDACTED]>  
To: [REDACTED]

Thu, Oct 11, 2018 at 11:40 AM

Good Morning,

Attached are the most recent test results.

Thank you and have a great day.

**Danette A. Garcia**

Front Office Manager



 **Universal Constructors=Zorro Ranch (Report).pdf**  
906K

# BSN Santa Fe MATERIALS TESTING LABORATORY

## ASPHALTIC CONCRETE DAILY PRODUCTION REPORT

English

Customer: <b>Universal Constructors</b>	Date: 10/5/2018	REPORT	CONTRACTOR	Report No.: 18-H091
Material Type: <b>Quartzite</b>	Proj. Name: <b>Zorro Ranch</b>	X	AGENCY	Project Manager: <b>Universal Constructors</b>
HMA Type: <b>SP-III</b>	Location: <b>Stanley, New Mexico</b>	Sample Location: <b>Entrance to Courtyard</b>		

  

DESIGN & CONTROL DATA	FIELD LAB DATA							CORE DENSITY ACCEPTANCE SECTION					
	SPECIFICATIONS		SET 1	SET 2	SET 3	SET 4	SET 5	SET 6	CORE #	CORE HT.	Radius	Location	COMP.
BULK DENSITY	DESIGN	Min	Max	2.406									#VALUE!
MAXIMUM DENSITY	2.401			2.497									#VALUE!
% AIR VOIDS	4.0	2.6	5.4	3.6									#VALUE!
VMA	14.2	12.6	15.8	14.1									#VALUE!
VFA	71.9	72.0	80.0	74.2									#VALUE!
FA-Angularity(% Voids)	54%	40	---										#VALUE!
Flat & Elongated Particle-%	10.0%	---	20										#VALUE!
CA-Angularity(FF)-%	100.0%	75	---	100	/	/	/	/	/	/	/	/	#VALUE!
SAND EQUIVALENT	61.0%	45	---										#VALUE!
DUST PROPORTION	1.3	1	1.6	1.5									#VALUE!
SPECIMEN HEIGHT (mm)	115	110	120	116.3									#VALUE!

  

IGNITION BURN with Correction Factors					GRADATION PERCENTAGE PASSING							INITIAL & DESIGN & MAXIMUM GYRATIONS			
CHARACTERISTIC	% AC	2"	1-1/2"	1"	3/4"	1/2"	3/8"	# 4	# 8	# 200	<89%	=96%	<98 %	AVERAGE	
TARGET VALUE	4.8	100	100	100	95-100	Max 90			23-49	2.0-8.0	88.0	96.8	96.8	87.3	
RANGE Min.	4.50	---			94		70	46	23	4.4	86.7	96.0	96.0	96.4	
RANGE Max.	5.3	---		100	100	100	86	60	49	7.2	87.7	96.5	96.4	96.4	
Moisture Max. 0.7	% AC	AGGREGATE GRADATION CORRECTION FACTORS													
Min. 2.7	0.70									1.8					
TEST NO.	STATION SAMPLED	Moisture	Coldfeed												
	COLD FEED														
	COLD FEED														
	COLD FEED														
	COLD FEED														
	COLD FEED														
TEST NO.	STATION SAMPLED	% AC	BURN												
18-H091	ice to Col. Stanley, NM	4.84	100	100	100	100	87	79	56	36	6.9				

  

BATCH PROPORTIONS - COLD FEED							
CA 1	CA 2	IA	CR FA	CR FA	FILLER	Versabind	LIME
29.0%		25.0%		10.0%			35.0%

  

PLACEMENT DATA				TEMPERATURE & MOISTURE DATA				QUANTITIES			
Roll Pattern	STATION	Density	Temp	% Compaction				P.M. REQ. PLANT TEMP.	MIX PRODUCED		
								WASTE			
								PAY	%AC		
								AC USED	STRAP		
								AC WASTE			
								AC PAY	% LIME		
								LIME USED	STRAP		
								LIME WASTE			
								LIME PAY			
								REQUIRED YIELD			
								ACTUAL YIELD			
								REQUIRED THICKNESS			
								ACTUAL THICKNESS			

  

<b>FIELD REMARKS:</b> Sample tonnage 86 Temperature of sample is 276 degrees F. Sample pulled by Ricky Gorenek	<b>BSN SANTA FE LAB REMARKS:</b> All areas within specified limits.
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PROJECT MANAGER: <u>Universal Constructors</u>	BSN Lab Supervisor: <u>David A. Vigil</u>
LAB TECHNICIAN: <u>Austin L. Walker</u>	



Gilbert Luna [Redacted]

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## Universal Construction=Zorro Ranch (Report)

1 message

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Danette Garcia [Redacted]  
To: [Redacted]

Fri, Oct 5, 2018 at 10:41 AM

Good Morning,

Attached are the most recent test results.

Thank you and have a great day.

**Danette A. Garcia**

Front Office Manager



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 **Universal Construction=Zorro Ranch (Report).pdf**  
652K



PROFESSIONAL ENGINEERING SERVICES  
 CONSTRUCTION MANAGEMENT  
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 MATERIALS TESTING ANALYSIS/LABORATORY  
 SWPPP MANAGEMENT  
 DRAFTING

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**IN-PLACE FIELD DENSITY TEST REPORT**

Project Name/No: Zorro Ranch		BSN Lab Number: 18-D1188		Gauge Make: Instro Tek	
Project Control No:		Date Tested: 9/27/2018		Gauge Model: Xplorer	
Location: Stanley, New Mexico		Material Type: Basecourse		Serial Number: 1396	
Contractor/Client: Universal Construction		Structure Type: Court Yard		Inspector: Ricky E. Gornek	
Average Daily Standard Count: 1		2376		Average Daily Moisture Standard Count: 630	
Test Number	1	2	3	4	5
Location/Station Tested	Ranch Court Yard				
Location-off-set	CL of Yard				
Lift Tested	FG(Basecourse)				
Depth Tested	B/S				
Max. Dry Density (pcf)	142				
Optimum Moisture-%	5.20%				
Density Counts	865	849			
Air Gap CPM					
Moisture Counts	87	92			
Wet Density (pcf)	142.4	143.7			
Moisture (pcf)	7.1	7.5			
Dry Density (pcf)	135.3	136.1			
%- Moisture	5.2	5.5			
%-Compaction	94.9	95.5			
Avg. Dry density	135.7				
Avg. %-Moisture	5.4				
Avg. %-Compaction	95.2				
Required %-Moisture					
Required %-Compaction	96%				

Notes/Comments If Any: None

Inspector Name: Ricky E. Gornek Inspector Signature: [Signature] Date Reported: 9/27/2018

00C001-12