# BAXTER STATION PHASE 2 BOND COMPUTATIONS

#### 6-17-25

### Phase 2 Amounts:

Phase 2 Total =	\$172	,362.00
Street Trees, Buffer Trees & Shrubs: \$15,820.00 x 115% =	<u>\$ 18</u>	<u>,193.00</u>
Street Lights (prepaid to Dominion):	\$	0.00
Pavement Markings: \$2,500.00 x 115% =	\$ 2,5	875.00
Sidewalk Bond: 2,889 sq. yd. @ \$46/ sq yd = \$145,494.00 x 115% =	\$151,2	294.00



Reliance Concrete Contractors, Inc.

**PROJECT** 

#### **BAXTER STATION PART 2 SIDEWALK**

### MOYOCK, NC

#### PLAN DATE : 9/22/2022

Revision: 0

**Bid Date:** 

Phone:

Email:

Fax:

**Reliance Concrete Contractors, Inc.** 2969 South Military Hwy. Chesapeake, VA 23323 757-967-9970 off. / 757-487-5190 fax (SWAM# 676650 - VDOT cert.# R688)

DESCRIPTION	QTY	COST	UNIT	AMOUNT
4" CONC. SIDEWALK NONREINFORCED, BROOM FINISH	2889.00	\$46.00	SY	\$132,894.00
HCR W/DETECTABLE WARNING SURFACE	7.00	\$1,800.00	EA	\$12,600.00

#### **EXCLUDES:**

TERMS AND CONDITIONS:

1. Item base bid. Qty's to be determind by actual field measurements upon completion of work.

2. Any broken and/or damaged concrete to be repaired on time and material basis.

3. All work to be accessible by truck under its own power with no external assistance. All quoted concrete is 3000 psi unless noted otherwise.

4. <u>Grade</u>: to be + or - 0.10'

5. <u>Price excludes</u>: permits and bonds, engineering, surveying, layout, independent testing, traffic control, excavation, landscaping, stone under concrete, select fill, (not responsible for unsuitable subgrade, undercut or fill), concrete pumping, concrete sealing, joint sealing and any associated sawcutting, concrete steps, drop inlet/drain box collars, brick pavers, retaining walls, footers, mechanical/electrical pads, dowels and bollards, unless otherwise noted above. ANYTHING NOT ON CIVIL PLANS.

6. Prices: Are based on the total of all line items identified above. If 25% or more of items are deleted from total quote, as presented above, the unit prices quoted no longer applies and will need to be re-evaluated. Prices are good for 90 days from proposal date.

7. Change Orders: No Changes will be performed until a fully documented change is executed and approved by the Contractor.

8. Payment: Will be paid to Reliance Concrete Contractor, Inc. regardless of terms set between the GC and owner. Net 30 days from invoice date, unless otherwise agreed to in writing with Reliance Concrete Contractors, Inc.

9. Retainage: All retainage to be paid within 90 days of substantial completion or if job is haulted for more than 90 days.

10. Service Charge: Purchaser agrees to pay Reliance Concrete Contractors, Inc. a service charge of 1.5% per month, an annual percentage rate of 18%, on any outstanding balance/invoices past due. This service charge is in addition to and not in lieu of any other remedies Reliance Concrete Contractors, Inc. may have provided; however, Reliance Concrete Contractors Inc. reserves the right to require payment in advance.

11. Attorneys' Fees: Should this account be placed in the hands of an attorney for collections, purchaser agrees to pay an attorney fee of (25%) of the total amount due at the time the account is referred to the attorney. Purchaser further agrees to pay all court costs incurred by RCC, Inc.

12. Warranty: Reliance Concrete Contractors, Inc., as Subcontractor on the project, does hereby guarantee that all work, executed under the plans and specifications provided will be free from defects of materials and workmanship for a period of one (1) year, beginning from the date of substantial completion or determined by RCC, Inc. All defects occurring within that period shall be replaced or repaired at no cost to the Owner; ordinary wear or tear and unusual abuse or neglect notwithstanding. See note 2.

# TOTAL PROPOSAL COST

Acceptance: The above terms, conditions and descriptions are satisfactory and are hereby accepted. Must sign and return prior to work commencement.

Submitted By:

Date: 3/28/2025

Accepted by:

Date:

\$145,494.00

Brian Hamilton, Vice President

**QHOC** 

Contact: PERRY ARNETTE

PROPOSAL

# C & L Concrete Works, Inc.

P.O. Box 178 Camden, North Carolina 27921 Office (252) 335-1994 Fax (252) 331-1111

Proposal submitted to: QHOC Homes Att: Justin , Perry	Phone: Justin 757-816-2006 Perry 757 -478-1205	Date: 6/9/2025
Street: 227 Caratoke Hwy	Job Name: Baxter Station – Phase 2	Crosswalks
City, State, Zip: Moyock, NC 27958	Job Location:	

Description of work and price:

#### Baxter Station – Phase 2 Crosswalks

Stripe/paint (5) crosswalks per plans.

\$2,500.00

Unless a lump sum is to be paid for the foregoing work and is clearly stated, it is understood and agreed that the quantities referred to are estimates and that payment shall be made at the stated unit prices for the actual quantities of work performed as determined upon the completion of the work. Any changes from the above described work involving extra cost will be executed only upon written orders and will be billed as an extra charge over and above this estimate.

Estimates for work performed will be submitted every 30 days. Payment of these estimates is due upon receipt. The balance will be due upon completion of work. Any unpaid balance after 30 days will be subject to an 18% annual finance charge.

If this proposal meets with your acceptance, please sign and return the attached copy.

This proposal expires 30 days from the date hereof, but may be accepted at any later date at the sole option of C & L Concrete Works, Inc.

Upon default, the holder of this note may employ an attorney to enforce the holder's rights and remedies and the maker, principal, surety, grantor and endorser of this note hereby agree to pay to the holder the sum of fifteen (15%) percent to the outstanding balance owing on said note for reasonable attorney's fees, plus all other reasonable expenses incurred by the holder in exercising any of the holder's rights and remedies upon default.

ACCEPTED:

<u>By:</u>

Firm Name

For C & L Concrete Works, Inc.

Name and Title

Date:

Date:

# **Coastal Landscapes, Inc.**

P.O. Box 57038 Virginia Beach, VA 23457 757-721-4109 Office 757-426-8585 Fax

admin@coastallandscapes.hrcoxm...

#### Name / Address

QHOC HOMES 227 CARATOKE HWY UNIT D MOYOCK, NC 27958

ltem	Qty	Description	Cost	Total
		BAXTER STATION MOYOCK, NC		
		STREET TREES- PHASE 2		
		*COUNT BASED ON STREET TREES IN RED AREA ON MAP*		
TREE	113	STREET TREE 2"CAL/8'HT 15 GAL	140.00	15,820.00
				¢45,000,00
				\$15,820.00

Coastal Landscapes Inc., provides all designs, materials, & labor for landscape. All plant materials are guaranteed for 1 year from install. There is no guarantee on annuals, sod, bulbs, perennials, dogwoods, palms, gardenias or plants provided by owner. Plants that have been subject to extreme climatic conditions (ie. flood, freeze, drought), neglect, improper watering, mechanical or animal damage will void guarantee. Estimates are good for 6 weeks. A 50% deposit is required to be placed on the schedule, the remainder is due at completion. Debtor will be responsible for court costs incurred to collect on account. Homeowner is responsible for marking all private utilities, irrigation systems, & lighting prior to landscape installation. Coastal Landscapes is not reponsible for any damages. This bill is personally guaranteed by the under signed. Credit card payments will incur a 4% processing fee.

Signature

# DATE Estimate #

6/9/2025

BAXTER P2

# Estimate

NC Engineering License No. F-1519



June 17, 2025

Mr. Perry Arnette Quality Homes of Currituck 417-D Caratoke Highway Moyock, NC 27958

ECS Proposal No. 22:32312

Reference: Paving Letter Baxter Station Subdivision Moyock, North Carolina

Dear Mr. Arnette:

As requested, ECS Southeast, LLC (ECS) visited the site on various occasions to test the subbase and asphalt for the referenced subdivision. ECS observed the roadway construction for portions of Baxter Station Boulevard and Tuscorora Lane and tested the subbase and asphalt placement.

The roadway section for these areas consists of a minimum of 6 inches of ABC stone and 2 inches of surface mix asphalt (Type S-9.5B). The project requires that the subbase and asphalt be tested for quality assurance to see that it generally meets NCDOT standards. This letter report contains the results of the subbase and asphalt quality assurance testing. This includes thickness, density, asphalt gradation, and asphalt content.

For this project ECS has performed the following:

- NCDOT current testing for Vulcan materials Jack Quarry was reviewed for Modified Proctor Testing and sieve analysis (HICAMS 1055412). The laboratory test results indicate that the imported ABC materials were in general accordance with NCDOT requirements.
- Compaction testing was performed and indicated that the ABC materials were compacted to meet the requirement of an average of 98% of the Modified Proctor. The thickness of the stone was checked and verified to be at or greater than the 6- inch requirement. The results of this testing are attached to this report.
- Compaction testing was performed in the field for the asphalt placement and the results are attached. The compaction results indicated that the asphalt compaction met or exceeded 90% of the maximum specific gravity supplied by the asphalt supplier.
- Coring operations were performed at 3 locations within the roadway alignment. The cores were taken at random locations determined by the ECS representative.
- Laboratory testing procedures were performed on the core specimens and included thickness and bulk specific gravity. Additionally, testing was performed to confirm the asphalt content and the asphalt gradation. These were performed in general accordance with NCDOT testing procedures. The following Table 1 contains the results of the coring including the thickness and specific gravity results. Table 2 contains the results of the asphalt content testing. Results of the asphalt gradation are attached to this report.

ECS Florida, LLC • ECS Mid-Atlantic, LLC • ECS Midwest, LLC • ECS Pacific, Inc. • ECS Southeast, LLC • ECS Southwest, LLP ECS New York Engineering, PLLC An Associate of ECS Group of Companies • www.ecslimited.com



Sample #	Asphalt Type	Thickness	Specific Gravity	Percent Compaction (min. 90%)
C-1	S-9.5B	2.375	2.218	91.3
C-2	S-9.5B	2.5	2.141	88.1
C-3	S-9.5B	2.5	2.254	92.8
Average	S-9.5B			90.7

# Table 1 – Asphalt Laboratory Test Results

# Table 2 – Asphalt Content Test Results

Sample #	Sample Location	Asphalt Content
Sample #1	Bulk Sample	6.2%

Based on our observations and test results, it is our engineering opinion that the subbase and asphalt were placed in general accordance with NCDOT standards. We appreciate being of service to you on this project. Should you need additional information or assistance, please do not hesitate to contact our office.

Respectfully, ECS Southeast, LLC

W. Lloyd Ward, P.E. Principal Engineer

Wade Wetherington, E.I. Project Manager



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"ONE FIRM, ONE MISSION."

EC	ECS So 6714 Net Wilmingt T 910.68 F 910.68	therland on, NC 6.9114	ls Drive 28405		L	ETTE	R OF TR/	ANSMITTAL	
1643 Me WilliamsI	2025 Iome Builders o rrimac Trail Sui burg, VA 23185 Ir. Lloyd Ward	ite A	uck		RE: ECS Job # Permits: Location:	22:330 Baxter	-		
CC:		X	Field Repo	rts X	For you	ır use	X	As requested	
ENCL:	Field Report #	<b>#</b> 38	4/25/2025	ABC Ston	9				
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Kris J. Stamm <sup>(</sup> Office Manager, Principal

NC Registered Firm # F-1519

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Wade A. Wetherington, E.I. Project Manager

Disclaimer

<sup>1.</sup> This report (and any attachments) shall not be reproduced except in full without prior written approval of ECS.

<sup>2.</sup> The information in this report relates only to the activities performed on the report date.

<sup>3.</sup> Where appropriate, this report includes statements as to compliance with applicable project drawings, and specifications for the activities, performed on this report date.

<sup>4.</sup> Incomplete or non-conforming work will be reported for future resolution.

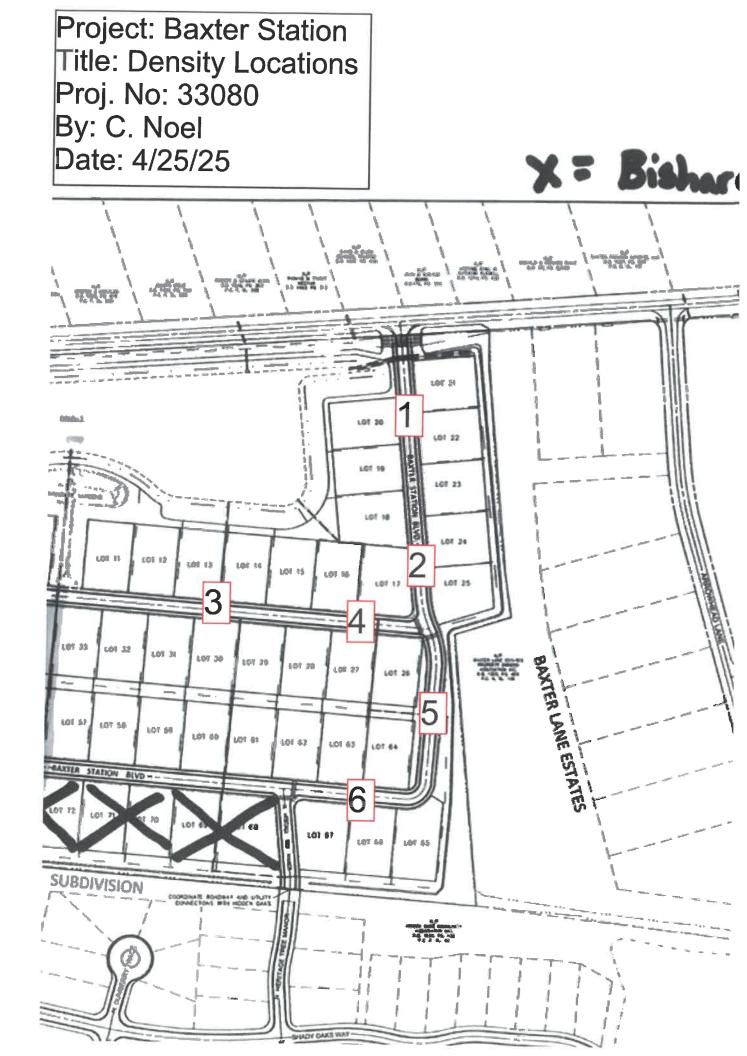
<sup>5.</sup> The results of samples and/or specimens obtained or prepared for subsequent laboratory testing will be presented in separate reports/documents.

NC Registered En	gineering Firm # F-1519					
ECS	ECS Southeast, LLC 6714 Netherlands Drive Wilmington, NC 28405 T 910.686.9114			FIELD F	REPORT	
Project	F 910.686.9666 Baxter's Station			Project No. Report No. Day & Date	22:33080 38 Friday 4/25/2025	
Location	Moyock, NC			Weather On-Site Time	60°/ Sunny 1.75	
Client	Quality Home Builders of Currituck			Lab Time	0.50	
Contractor	None Listed			Travel Time* Total Re Obs Time	<u>2.25</u> 4.50 0.00	
Remarks	ABC Stone					
Trip Charges* Chargeable Items	Tolls/Parking* s 5000	Mileage*	116	Time of	Arrival <b>8:00A</b>	Departure <b>9:45A</b>
	* Travel time and milea	age will be bi	lled in acc	ordance with the o	contract.	
S	ummary of Services Performed (field test dat	ta, locations,	elevations	& depths are estim	nates) & Individuals Cor	ntacted.

The undersigned arrived on site, as requested, to check the compaction of ABC stone for the Subdivision Roads. Please see the attached sketch for the approximate density test locations.

Utilizing the Nuclear Density Gauge test method (ASTM D-6938) to check the compaction of ABC stone; test results indicated that the compacted material, at the areas and depths tested, met the project requirements of 100% of the maximum dry density.

At the density test locations, the thickness of the ABC stone was measured to be at least 8 inches.



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# Field Compaction Summary, ASTM D-6938

ECS Southeast, LLC

Technician: Chris Noel

4/25/2025	
Date:	

	Test Methoc	Test Method ASTM D-6938	
Nuclear (	Nuclear Gauge No. 30		
Make	Troxler	Density Std	2341
Model	3440	Moisture Std	745
Ser. No. 3714	3714		

	San	Sample No.		Description	tion			P	Proctor Method	p		Uncon	Uncorrected Max.	×	Uncorrected Optimum
	S	Stone		ABC Stone			Modifie	I Proctor	Modified Proctor Method (ASTM D-1557)	STM D-15	57)		138.1		Moisture Content 5.4
Test No.	Lot No.	Test Mode	Probe Depth (in.)	Station / Location	Lift / Elev	Sample No.	% Oversize	Corrected Max. Density	ΰĞžŭ	Wet Density (pcf)	Dry Density (pcf)	Moisture Content (%)	Percent Comp. (%)	P/F	Comments
1	DT	F	9	Subdivision Road	00	Stone	0.00	138.1	5.4	148.1	143.3	3.3	103.8	٩	
2	DT	F	9	Subdivision Road	00	Stone	0.00	138.1	5.4	148.2	143.0	3.6	103.5		
e	DT	F	9	Subdivision Road	00	Stone	0.00	138.1	5.4	143.7		3.7	100.3	. 0	
4	DT		9	Subdivision Road	00	Stone	0.00	138.1	5.4	145.7	140.3	3.8	101.6		
5	DT		9	Subdivision Road	00	Stone	0.00	138.1	5.4	147.2		4.0	102.5		
9	DT	F	9	Subdivision Road	00	Stone	0.00	138.1	5.4	144.4	139.7	3.4	101.2		

Page 1

EC	ECS So 6714 Net Wilmingto T 910.68 F 910.68	herland on, NC 2 6.9114	s Drive		L	ETTER O	F TR/		
1643 Me Williamst	2025 Iome Builders c rrimac Trail Sui burg, VA 23185 Ir. Lloyd Ward	te A	uck		RE: ECS Job # Permits: Location:	Baxter's Sta 22:33080 Baxters Land Moyock, NC	e		
CC:		X	Field Repo	rts	<b>Δ</b> For you	Ir use	X	As requested	
ENCL:	Field Report #	41	6/3/2025	Asphalt					

m J Ato

Kris J. Stamm Office Manager, Principal

NC Registered Firm # F-1519

WNZ

Wade A. Wetherington, E.I. Project Manager

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NC Registered	Engineering Firm # F-1519									
ECS	ECS Southeast, LLC 6714 Netherlands Drive Wilmington, NC 28405 T 910.686.9114			FIELD I	REPOR	т				
Project	F 910.686.9666 Baxter's Station			Project No. Report No. Day & Date	22:33080 41 Tuesday 6/	3/2025				
Location	Moyock, NC			Weather On-Site Time	80 °/ Sunn					
Client	Quality Home Builders of Curritu	ıck		Lab Time	8.50 0.50					
Contractor	None Listed			Travel Time* Total Re Obs Time	<u>4.00</u> 13.00 0.00					
Remarks	Asphalt									
Trip Charges*	Tolls/Parking*	Mileage*	228	Time of	Arrival	Departure				
Chargeable Ite	ms				9:30A	6:00P				
				cordance with the						
	Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.									

The undersigned arrived on site, as requested, to observe the placement and compaction of RS9.5B asphalt for Tuscora Lane and Baxter Station Blvd. Please see the attached sketch for the approximate test locations

Utilizing the Nuclear Density Gauge test method (ASTM D-2950) to check the compaction of the asphalt; test results indicated that the asphalt, at the areas and depths tested, met the NCDOT minimum density requirements of 90% of the bulk specific gravity value. This value was obtained from the asphalt supplier quality control laboratory.

The undersigned also cut 3 cores for thickness measurement and specific gravity testing. The cores were returned to the ECS laboratory for testing.

Prior to leaving the site, the undersigned patched the asphalt core locations.

While on site, the undersigned observed the proofrolling of the ABC stone for Baxter Station Blvd. Please see the attached sketch for the approximate proofroll location.

Using a loaded, tandem-axle dump truck; the subject area was proofrolled and was observed to be stable.

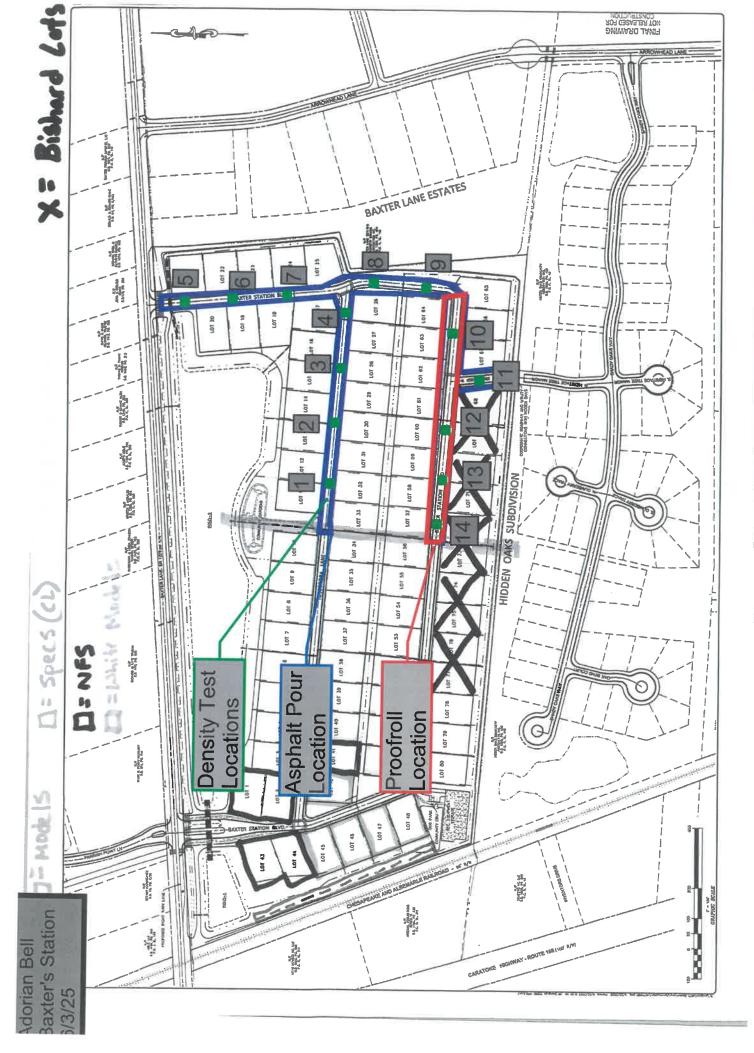
ECS	506 W. 13th Street Greenville NC, 27834 (252)-215-2257	ASPHALT DEI	NSITY REPORT
Job Name:	Baxter's Station	Job Number:	33080
Location:	Moyock	Technician:	Adorian Bell
Contractor:	C&L Asphalt	Date:	6/3/2025

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TEST #	TEST LOCATION	DEPTH ELEVATION	ASPHALT TYPE	IN-PLACE DENSITY (wet) pcf	COMP %	SPEC%	REMARKS PASS/FAIL
1	Tuscora Lane	Surface	9.5B	139.3	90.1%	90%	PASS
2	Tuscora Lane	Surface	9.5B	139.4	90.2%	90%	PASS
3	Tuscora Lane	Surface	9.5B	140,1	90.6%	90%	PASS
4	Tuscora Lane	Surface	9.5B	142.4	92.1%	90%	PASS
5	Baxter Station Blvd	Surface	9.5B	139.6	90.3%	90%	PASS
6	Baxter Station Blvd	Surface	9.5B	142	91.9%	90%	PASS
7	Baxter Station Blvd	Surface	9.5B	139.7	90.4%	90%	PASS
8	Baxter Station Blvd	Surface	9.5B	140.6	91.0%	90%	PASS
9	Baxter Station Blvd	Surface	9.5B	141.4	91.5%	90%	PASS
10	Baxter Station Blvd	Surface	9.5B	141.2	91.4%	90%	PASS
11	Baxter Station Blvd	Surface	9.5B	140.9	91.2%	90%	PASS
12	Baxter Station Blvd	Surface	9.5B	140.2	90.7%	90%	PASS
13	Baxter Station Blvd	Surface	9.5B	139.9	90.5%	90%	PASS
14	Baxter Station Blvd	Surface	9.5B	140.5	90.9%	90%	PASS
				Average:	001070	0070	TAGO
ASPHALT TYPE	MIX DESIGN (JMF)	MAXIMUM S GRAVITY		MAXIMUM WE WEIGHT ()		ASPHAI	LT SUPPLIER
RS-9.5B		2.477 154.6 All				Alle	en Meyer



Transmittal Page 4/4

ECS Mid-Atlantic, LLC

			@ Ndes												SETS.					in No.						-					
		-	Gmm (meas.)					btion (%)	ite Gs	ACeff	Ndes	Ndes	g Ndes	and the state	MIX TARGETS			נשש:	A.C., %:	Mix Design No.			T		T						
		- No	(est.)					Agg. Absorbtion (%)	Aggregate Gs	P0.075 / ACeff	VMA @ Ndes	VFA @ Ndes	%Gmm @ Ndes	The second second	The state of the s	484.2	7.1004	4/00.0	112.6	6.2			water (g):	Water (g):	IURE (C):						
Baxter Station	Surface Asphalt	Gmh @ Nin!	(meas.)						and the second second	A State	N THE R	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		And NIN S		Initial (a)-		r, rinai (g): 	Aspnait Content (g):	t, % (A.C.): _	T 2001	1-zua)	Aspirati, NUCE BOWI, & Water (g):	RICE BOWI & Water (g):	WAIER IEMPERALURE (C):						
Baxt	Surfa	COBP	FACTOR				COMPACTION	(%)							-308)	Asphalt & Pan. Initial (a):	chalt & Dar	Ambali Contrat (g):	Aspnalt C	Aspnait Content, % (A.C.):	AACUTO	Acherol D		1		1 0 1					
		Sample Vol (cm3)	@ Ndes				COMP/	6)							AASHTO T	Asp	Ac	<u>R</u>	Juck		CRAVITY						(3) (0000				
		18				Contraction of the local distribution of the	VOIDS	(%)							<b>IGNITION</b> (	3067.8	1813.4	1700.8	0.00	lt Content	SPECIFIC	mntv (a)	Rowl (a)	Asnhalt (n):	Y (Gmm):		site of three				
PROJECT NAME:		Gmb @ Ndes	(est.)			1.00v 1.	H20 AB-	SORB. (%)							INTENT BY	Pan (g):	Asphalt (a):	Addregate (c)	Correction Factor	Corrected Asphalt Content % (A C ).	EORETICAL	RICE Bowl, Empty (n)	Asphalt & RICE Rowl (a):	Δ.	SPECIFIC GRAVITY (Gmm):		as a comoo				
PRO		Gmb @ Ndes	(meas.)			ALLAN DIT	DENSITY	(PCF)							ASPHALT CONTENT BY IGNITION (AASHTO T-308)			Age	Correct	Corr	MAXIMUM THEORETICAL SPECIFIC GRAVITY (AASUTO 7 200)		Asp		SPECI	NOTES:	Test Sample was a composite of three (3) Corros				
0		N	WATER		Averages		-	(Gmb)							-	AASHTO M-323	Ľ.				2		00	lax.	67	Z				- 10	Π
22-33080 13-Jun-25	T-312)		SSD		AVE	) T-166)	Z	WATER					Averance	anda		AASHT	J.M.F.					100 Min.	90-100	90 Max	32-67					2-	
	AASHTO	Z	AIR			AASHTO	000	220					Aver		0000	PASS	(%)	100.0	100.0	100.0	100.0	99.3	95.4	56.2	36.4	26.1	18.6	12.7	8.4	5.6	
NUMBER: DATE:	ACTION (		Ndes			CORES (	2	AIR						TO T 301	102-1 01	REIAIN	(%)	0.0	0.0	0.0	0.0	0.7	4.6	43.8	63.6	73.9	81.4	87.3	91.6	94.4	
PROJECT NUMBER: DATE:	GYRATORY COMPACTION (AASHTO T-312)		Nini			BULK DENSITY OF CORES (AASHTO T-166)	HEIGHT	('NI)						N AASH		VVEIGEL RELAIN	(ĝ)				0	11.7	78.2	744.8	1081.7	1257.0	1384.9	1484.5	1558.3	1604.8	
<u>م</u>	GYRATO	Sample	No.			BULK DE	Sample							GRADATION (AASHTO 7 30)	Cioro	OIEVE	(mm)	50.0	37.5	25.0	19.0	12.5	9.5	4.75	2.36	1.18	0.60	0.30	0.15	0.075	Pan

JOSH STEIN Governor D. REID WILSON Secretary RICHARD E. ROGERS, JR. Director



June 17, 2025

#### CURRITUCK COUNTY WATER DEPARTMENT ATTN: DONAL I. MCREE, COUNTY MANAGER 153 COURTHOUSE ROAD CURRITUCK, NC 27929

#### Re: Final Approval

Final Approval Date: June 17, 2025 BAXTER STATION Serial No.: 22-00951 Water System Name: CURRITUCK COUNTY WATER SYSTEM Water System No.: NC0427010 Currituck County

Dear Sir/Madam:

The Department received an Engineer's Certification statement and an Applicant's Certification concerning the above referenced project. The Engineer's Certification verifies that the construction of the referenced project has been completed in accordance with the engineering plans and specifications approved under Department Serial Number 22-00951. The Applicant's Certification verifies that an Operation and Maintenance Plan and Emergency Management Plan have been completed and are accessible to the operator at all times and available to the department upon request and that the system will have a certified operator as required by 15A NCAC 18C .1300.

The Department has determined that the requirements specified in 15A NCAC 18C .0303(a) and (c) have been met, and therefore, issues this **Final Approval** in accordance with Rule .0309(a).

Please contact us at (919) 707-9100 if you have any questions or need additional information.

Sincerely,

adosky

Rebecca Sadosky, Ph.D., Chief Public Water Supply Section Division of Water Resources, NCDEQ

cc: JAMIE MIDGETTE, P.E., Regional Engineer Currituck County Health Department BISSELL PROFESSIONAL GROUP



MARK S. BISSELL BISSELL PROFESSIONAL GROUP PO BOX 1068 KITTY HAWK, NC 27949

# ATTACHMENT "A"

# Baxter Station Phase 2

#### **Reserve Fund Calculations**

A. Temporary Reserve Fund Calculation:

1.	Phase 2: Roadway Base Course Construction Cost: Roadway Surface Course Construction Cost:	\$126,137.76 <u>\$112,860.00</u>
	Phase 2 Subtotal:	\$238,997.76
	<u>Temporary Fund Amount</u> : 10% of \$238,997.76 =	<b>\$</b> 23,899.78
В.	Permanent Reserve Fund Calculation:	
	<ol> <li>Annual Cost of Common Area &amp; Stormwater Maintenance:</li> <li>Annual Cost of Common Area Insurance:</li> </ol>	\$ 24,160.44 <u>\$ 1,626.00</u> \$ 25,786.44
Perma	nent Reserve Fund Amount: 2 x \$25,786.44 =	\$ 51,572.88



Sadler Landscaping, LLC 8122 NC Hwy 32 South Plymouth, NC 27962 252-927-0020

Date: 6/16/2025

RE: Stone Quantities for Baxter Station

To: Perry Arnette

Sadler Landscaping has installed 2658.33 TONs of Stone at \$47.45 per TON for a total of \$126,137.76.

Thank you,

Jonathan B. Sawyer, IV

Asst. Project Manager/Estimator

Page of pages

# C & L Concrete Works, Inc.

PROPOSAL

P.O. Box 178 Camden, North Carolina 27921 Office (252) 335-1994 Fax (252) 331-1111

Proposal submitted to: QHOC Homes Att: Justin , Perry	Phone: Justin 757-816-2006 Perry 757 -478-1205	Date: 3/31/2025
Street: 227 Caratoke Hwy	Job Name: Baxter Station – Phase 2	
City, State, Zip: Moyock, NC 27958	Job Location:	

Description of work and price:

Baxter Station – Phase 2 Mobilization Fine Grading – 6,845 SY 2" NCDOT 9.5B Asphalt (6,845 SY) – 855 tons

\$800.00 \$3,100.00 <u>\$112,860.00</u> **\$116,760.00** 

\*\*Based on current FOB pickup price from Alan Myers Chesapeake plant.

Unless a lump sum is to be paid for the foregoing work and is clearly stated, it is understood and agreed that the quantities referred to are estimates and that payment shall be made at the stated unit prices for the actual quantities of work performed as determined upon the completion of the work. Any changes from the above described work involving extra cost will be executed only upon written orders and will be billed as an extra charge over and above this estimate.

Estimates for work performed will be submitted every 30 days. Payment of these estimates is due upon receipt. The balance will be due upon completion of work. Any unpaid balance after 30 days will be subject to an 18% annual finance charge.

If this proposal meets with your acceptance, please sign and return the attached copy.

This proposal expires 30 days from the date hereof, but may be accepted at any later date at the sole option of C & L Concrete Works, Inc.

Upon default, the holder of this note may employ an attorney to enforce the holder's rights and remedies and the maker, principal, surety, grantor and endorser of this note hereby agree to pay to the holder the sum of fifteen (15%) percent to the outstanding balance owing on said note for reasonable attorney's fees, plus all other reasonable expenses incurred by the holder in exercising any of the holder's rights and remedies upon default.

ACCEPTED:

Firm Name

Name and Title

For C & L Concrete Works, Inc.

Date:

Date:



# INSURANCE OUTLINE FOR

# BAXTER STATION PROPERTY OWNERS ASSOCIATION, INC.

### **80 UNITS**

Package policy including:

- \$ Optional Property (Fire and Casualty) Can be added at a later date
- \$1,000,000 Combined Single Limit for Bodily Injury and Property Damage General Liability Insurance arising from occurrences covering the Association, the managing agent and all Owners. Includes Comprehensive General Liability, Personal Injury, Medical Payments, Cross Liability, "severability of interest", Contractual Liability, Water Damage Liability, Liability for the property of others, Host Liquor Liability, and Products Liability - 30 days' notice of cancellation is included - Waiver of subrogation is included.
- \$ 1,000,000 Hired and Non-Owned Auto Liability
- \$ 10,000 Fidelity Bond covering all directors, officers and employees of the Association and the managing agent, if any who handles Association funds. ( as required by the documents)
- \$ Optional Umbrella Liability
- \$1,000,000 Directors and Officers Liability covering the "wrongful acts" of a director, officer and developer on the association board. Written on a "claims made" basis. Very broad policy coverage and endorsed by CAI see attached CNA coverage outline.
- \$ Optional Workers Compensation Employers Liability

Annual Premiums:	General Liability	\$ 500.00
	Fidelity Bond	\$ 199.00
	Non-owned and Hired Auto Liability	\$ Included
	CNA D&O Liability	\$ 927.00
	Workers Compensation	Optional
	Umbrella	Optional
	Total Premiums	\$ 1,626.00



# **CERTIFICATE OF LIABILITY INSURANCE**

DATE (MM/DD/YYYY) 10/30/2024

CI BI	THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.													
lf	PORTANT: If the certificate holder i SUBROGATION IS WAIVED, subject is certificate does not confer rights t	to th	ne ter	ms and conditions of th	ne policy	, certain po	olicies may							
	DUCER	o the	Cert	incate noider in neu or st	CONTAC		). Ola							
	nouri Ins & Financial				CONTACT NAME: Sahouri COIs PHONE 702 002 000 000 FAX 005 040 0000									
	0 Greensboro Drive				(A/C, No, Ext): 703-883-0500 (A/C, No): 855-242-6660									
	te 1550				E-MAIL ADDRESS: coi@sahouri.com									
Mc	Lean VA 22102				INSURER(S) AFFORDING COVERAGE NAIC #									
					INSURER	A: Philadel	phia Insuranc	e Companies						
INSU				BAXTSTA-01	INSURER	в: Hanover	Insurance C	ompany		22292				
	ter Station Homeowners Association Goodman Management Group, Inc		1C.		INSURER	C:								
	0 Old Brick Rd	•			INSURER	2 D :								
	n Allen VA 23060-5841				INSURER									
					INSURER									
CO	/ERAGES CER	TIFIC		NUMBER: 1170110679	INSORER	<u>кг.</u>		REVISION NUMBER:						
					VE BEEN	LISSUED TO								
IN Ce	THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS. NSR       POLICY EFF   PO													
INSR LTR	TYPE OF INSURANCE		SUBR WVD	POLICY NUMBER		POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMIT	s					
A	X COMMERCIAL GENERAL LIABILITY			PHPK2699701-000		11/1/2024	11/1/2025	EACH OCCURRENCE	\$ 1,000	,000				
	CLAIMS-MADE X OCCUR							DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 100.0	,				
								MED EXP (Any one person)	\$ 5,000					
								PERSONAL & ADV INJURY	\$ 1,000					
	GEN'L AGGREGATE LIMIT APPLIES PER:								\$ 2,000	,				
	V PRO-							GENERAL AGGREGATE	. ,	,000				
								PRODUCTS - COMP/OP AGG	\$\$					
A	OTHER: AUTOMOBILE LIABILITY					44/4/0004	44/4/0005	COMBINED SINGLE LIMIT	\$ 1,000	000				
А				PHPK2699701-000		11/1/2024	11/1/2025	(Ea accident)	. ,	,000				
	ANY AUTO							BODILY INJURY (Per person)	\$					
	AUTOS ONLY AUTOS							BODILY INJURY (Per accident) PROPERTY DAMAGE	,					
	X HIRED AUTOS ONLY X NON-OWNED AUTOS ONLY							(Per accident)	\$					
									\$					
A	X UMBRELLA LIAB X OCCUR			PHUB915787-000		11/1/2024	11/1/2025	EACH OCCURRENCE	\$1,000	,000				
	EXCESS LIAB CLAIMS-MADE							AGGREGATE	\$					
	DED RETENTION \$								\$					
В	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY			wc		11/1/2024	11/1/2025	X PER OTH- STATUTE ER						
	ANYPROPRIETOR/PARTNER/EXECUTIVE	NI / 4						E.L. EACH ACCIDENT	\$ 100,0	00				
	OFFICER/MEMBER EXCLUDED?	N/A						E.L. DISEASE - EA EMPLOYEE						
	If yes, describe under DESCRIPTION OF OPERATIONS below							E.L. DISEASE - POLICY LIMIT	\$ 100,0					
A A A	(Replacement Cost)			PHPK2699701-000 PHPK2699701-000 PHPK2699701-000		11/1/2024 11/1/2024 11/1/2024	11/1/2025 11/1/2025 11/1/2025	Limit of Insurance Deductible	65,00 2,500	0				
	RIPTION OF OPERATIONS / LOCATIONS / VEHICI re are 80 units that are a part of this ass			101, Additional Remarks Schedul	le, may be	attached if more	e space is require	ed)						
	rerage is provided for HOA common are			Init Owners should purcha	se their o	own insuran	ce coverage f	or their homes.						
Ger	neral Liability includes separation of insu	ireds	claus	se.										
C~-	orage for community owned property	nro	ided -	an a choosel form 4000/	nlaac	nt cost ha-	in An arras	l value endereement er-	00					
00	rerage for community owned property is	μον	iued (	on a special lonn, 100% re	placeme	m cost, bas	is. An agreed	a value endorsement appli	CS.					
See	Attached													
CEF					CANC	ELLATION								
	Baxter Station Homeowner c/o Goodman Managemen 2400 Old Brick Rd				SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.									
	Glen Allen VA 23060-5841				L		lyde	and the same						
						© 19	88-2015 AC	ORD CORPORATION.	All riat	nts reserved.				

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#### Landscape Maintenance Performance Schedule and Pricing

Baxter Statio							E	xhil	bit E	3						
Date	13-Jun-25	FREQUENCY CALENDAR OF SERVICES									TOTAL					
	FUNCTION	JAN	<u>FEB</u>	MAR	<u>APR</u>	MAY	JUN	<u>JUL</u>	AUG	<u>SEP</u>	<u>0CT</u>	NOV	DEC	CYCLES	COST	COST
LAWNS																
Mowing/Line	e Trimming/Clean-Up			1	4	5	4	5	4	4	3	2		32	\$592.43	\$18,957.63
Hard Edge Si	idewalks & Curblines			1	4	5	4	5	4	4	3	2		32	\$17.47	\$559.00
OFFSEASON SERVI	CES															
Winter Visit:	S	3	2	2								2	3	12	\$386.98	\$4,643.81
							1	TOT	11.00							\$24160.44
								1014	AL CO	SI:						\$24,160.44

Cost per month:

\$2,013.37

AGENCY CUSTOMER ID: BAXTSTA-01

e e		LOC #:
		ARKS SCHEDULE Page 1 of 1
AGENCY Sahouri Ins & Financial		NAMED INSURED Baxter Station Homeowners Association, Inc. c/o Goodman Management Group, Inc.
POLICY NUMBER		2400 Old Brick Rd Glen Allen VA 23060-5841
CARRIER	NAIC CODE	EFFECTIVE DATE:
ADDITIONAL REMARKS		
THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACC		
FORM NUMBER: FORM TITLE: CERTIFICATE OF		NSURANCE
Wind/hail is excluded.		
Package policy includes:		
*Equipment Breakdown limit is included		
*Ordinance or Law (undamaged portion) – included at full building	value	
*Ordinance or Law (Demolition) - \$300,000		
Ordinance or Law (Increased Cost of Construction) - \$300,000		
Building values reviewed annually at renewal.		
According to our records, the property is not located within a specia	al hazard floo	d area.
Fidelity Crime Coverage in the amount of \$10,000, is provided by F Coverage is INCLUDED for designated agents (Property Manager	Philadelphia Ir & Employees	nsurance Company on policy # PHPK2699701-000 effective 11/01/2024-2025. s) as employees covered for Employee Theft.
	nce Company	on policy # SFD00001999 effective 11/01/2024-2025 with a limit of \$1.000.000.
Cancellation notices are given to the first named insured 10 days p		

Prepared by and return to: Brian W. Byrd, Fox Rothschild LLP PO Box 21927, Greensboro, NC 27420

NORTH CAROLINA

#### SUPPLEMENT TO DECLARATION OF COVENANTS, CONDITIONS AND RESTRICTIONS FOR BAXTER STATION (Phase 2)

CURRITUCK COUNTY

#### THIS SUPPLEMENT TO DECLARATION is made this \_\_\_\_\_ day of \_\_\_\_\_ 2025, by **Baxter Station, LLC**, a North Carolina limited liability company ("Declarant").

#### WITNESSETH THAT:

WHEREAS, Declarant caused the Declaration of Covenants, Conditions and Restrictions for Baxter Station ("Baxter Station") to be recorded in Book 1774, Page 361, in the Office of the Register of Deeds of Currituck County, North Carolina, and thereby subjected certain real property to the covenants, conditions, restrictions and easements therein contained; and

WHEREAS, Article XII, Section 12.4 (b) of the Declaration provides that the Declarant may annex certain additional property into Baxter Station without the consent of the owners of property previously subjected to the Declaration; and

WHEREAS, the land shown on the plat entitled "**Baxter Station Phase 2**" recorded in Plat Book \_\_\_\_\_\_, Page \_\_\_\_\_, in the Office of the Register of Deeds, Currituck County, North Carolina (the "Annexation Property") is part of the additional property which pursuant to Article XII, Section 12.4 (b) of the Declaration may be annexed into Baxter Station without the consent of property owners; and

WHEREAS, pursuant to the provisions of Article XII, Section 12.4 (b) of the Declaration, Declarant desires to exercise its right to annex the Annexation Property into Baxter Station and to subject all of the Annexation Property to the covenants, conditions, restrictions and easements contained in the Declaration.

NOW, THEREFORE, Declarant hereby supplements and amends the Declaration by annexing the Annexation Property into Baxter Station and declares that all of the Annexation Property shall be held, sold and conveyed subject to the covenants, conditions, restrictions and easements contained in the Declaration, which are for the purpose of protecting the value and desirability of, and which shall run with the real property and be binding on all parties having any right, title or interest in said property, or any part thereof, their heirs, successors and assigns, and shall inure to the benefit of each owner thereof. By accepting a deed to any portion of the Annexation Property, the owners thereof agree to abide by all of the covenants, conditions, restrictions and easements contained in the Declaration, including the covenants to pay any assessments levied pursuant thereto and to be subject to the liens for such assessments imposed therein.

#### [Signature Page to Follow]

IN WITNESS WHEREOF, Declarant has caused this Supplement to be executed this the day and year first above written.

#### **Baxter Station, LLC**

By:			
Name:			
Title: <sup>–</sup>			

State of North Carolina – County of \_\_\_\_\_

I certify that the following person personally appeared before me this day, acknowledging to me that he signed the foregoing document: \_\_\_\_\_\_.

[Name of signatory]

Today's Date: \_\_\_\_\_, 2025

[Notary's signature as name appears on seal]

[Notary's printed name as name appears on seal]

My commission expires: \_\_\_\_\_, 20\_\_\_\_

[Affix Notary Seal in Space Above]



# STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

Josh Stein GOVERNOR J.R. "JOEY" HOPKINS Secretary

June 20, 2025

Quality Homes of Currituck 417-D Caratoke Highway Moyock, NC 27958

Attn: Mr. Perry Arnette

Subject: Pavement Certification Baxter Station Subdivision Currituck County

Dear Mr. Arnette:

We have received the attached test report, dated June 17, 2025, from ECS Southeast, LLP for the construction of roads in the Baxter Station Subdivision. This pavement section was designed with 6" of Aggregate Base Course and 2" of asphalt surface course.

Based upon our review, these courses are in general conformance with the Minimum Design and Construction Criteria for Subdivision Roads.

The above mentioned roads will be eligible for petitioning the addition to the State System of Maintained Roads upon satisfying all other applicable minimum NCDOT criteria.

Sincerely, Cattlin & Spin

Caitlin A. Spear, PE District Engineer

Attachments

Telephone: (252) 621- 6400 Fax: (252) 621- 6410 Customer Service: 1-877-368-4968

Website: www.ncdot.gov

NC Engineering License No. F-1519



June 17, 2025

Mr. Perry Arnette Quality Homes of Currituck 417-D Caratoke Highway Moyock, NC 27958

ECS Proposal No. 22:32312

Reference: Paving Letter Baxter Station Subdivision Moyock, North Carolina

Dear Mr. Arnette:

As requested, ECS Southeast, LLC (ECS) visited the site on various occasions to test the subbase and asphalt for the referenced subdivision. ECS observed the roadway construction for portions of Baxter Station Boulevard and Tuscorora Lane and tested the subbase and asphalt placement.

The roadway section for these areas consists of a minimum of 6 inches of ABC stone and 2 inches of surface mix asphalt (Type S-9.5B). The project requires that the subbase and asphalt be tested for quality assurance to see that it generally meets NCDOT standards. This letter report contains the results of the subbase and asphalt quality assurance testing. This includes thickness, density, asphalt gradation, and asphalt content.

For this project ECS has performed the following:

- NCDOT current testing for Vulcan materials Jack Quarry was reviewed for Modified Proctor Testing and sieve analysis (HICAMS 1055412). The laboratory test results indicate that the imported ABC materials were in general accordance with NCDOT requirements.
- Compaction testing was performed and indicated that the ABC materials were compacted to meet the requirement of an average of 98% of the Modified Proctor. The thickness of the stone was checked and verified to be at or greater than the 6- inch requirement. The results of this testing are attached to this report.
- Compaction testing was performed in the field for the asphalt placement and the results are attached. The compaction results indicated that the asphalt compaction met or exceeded 90% of the maximum specific gravity supplied by the asphalt supplier.
- Coring operations were performed at 3 locations within the roadway alignment. The cores were taken at random locations determined by the ECS representative.
- Laboratory testing procedures were performed on the core specimens and included thickness and bulk specific gravity. Additionally, testing was performed to confirm the asphalt content and the asphalt gradation. These were performed in general accordance with NCDOT testing procedures. The following Table 1 contains the results of the coring including the thickness and specific gravity results. Table 2 contains the results of the asphalt content testing. Results of the asphalt gradation are attached to this report.

ECS Florida, LLC • ECS Mid-Atlantic, LLC • ECS Midwest, LLC • ECS Pacific, Inc. • ECS Southeast, LLC • ECS Southwest, LLP ECS New York Engineering, PLLC An Associate of ECS Group of Companies • www.ecslimited.com



Sample #	Asphalt Type	Thickness	Specific Gravity	Percent Compaction (min. 90%)
C-1	S-9.5B	2.375	2.218	91.3
C-2	S-9.5B	2.5	2.141	88.1
C-3	S-9.5B	2.5	2.254	92.8
Average	S-9.5B			90.7

# Table 1 – Asphalt Laboratory Test Results

# Table 2 – Asphalt Content Test Results

Sample #	Sample Location	Asphalt Content
Sample #1	Bulk Sample	6.2%

Based on our observations and test results, it is our engineering opinion that the subbase and asphalt were placed in general accordance with NCDOT standards. We appreciate being of service to you on this project. Should you need additional information or assistance, please do not hesitate to contact our office.

Respectfully, ECS Southeast, LLC

W. Lloyd Ward, P.E. Principal Engineer

Wade Wetherington, E.I. Project Manager



ECS Florida, LLC • ECS Mid Atlantic, LLC • ECS Midwest, LLC • ECS Pacific, Inc. • ECS Southeast, LLC • ECS Southwest, LLP ECS New York Engineering, PLLC • An Associate of ECS Group of Companies • www.ecslimited.com

"ONE FIRM, ONE MISSION."

EC	ECS So 6714 Net Wilmingt T 910.68 F 910.68	therland on, NC 6.9114	ls Drive 28405		L	ETTE	R OF TR/	ANSMITTAL	
1643 Me WilliamsI	2025 Iome Builders o rrimac Trail Sui burg, VA 23185 Ir. Lloyd Ward	ite A	uck		RE: ECS Job # Permits: Location:	22:330 Baxter	-		
CC:		X	Field Repo	rts X	For you	ır use	X	As requested	
ENCL:	Field Report #	<b>#</b> 38	4/25/2025	ABC Ston	9				
					_				

This J Dta

Kris J. Stamm <sup>(</sup> Office Manager, Principal

NC Registered Firm # F-1519

WNA

Wade A. Wetherington, E.I. Project Manager

Disclaimer

<sup>1.</sup> This report (and any attachments) shall not be reproduced except in full without prior written approval of ECS.

<sup>2.</sup> The information in this report relates only to the activities performed on the report date.

<sup>3.</sup> Where appropriate, this report includes statements as to compliance with applicable project drawings, and specifications for the activities, performed on this report date.

<sup>4.</sup> Incomplete or non-conforming work will be reported for future resolution.

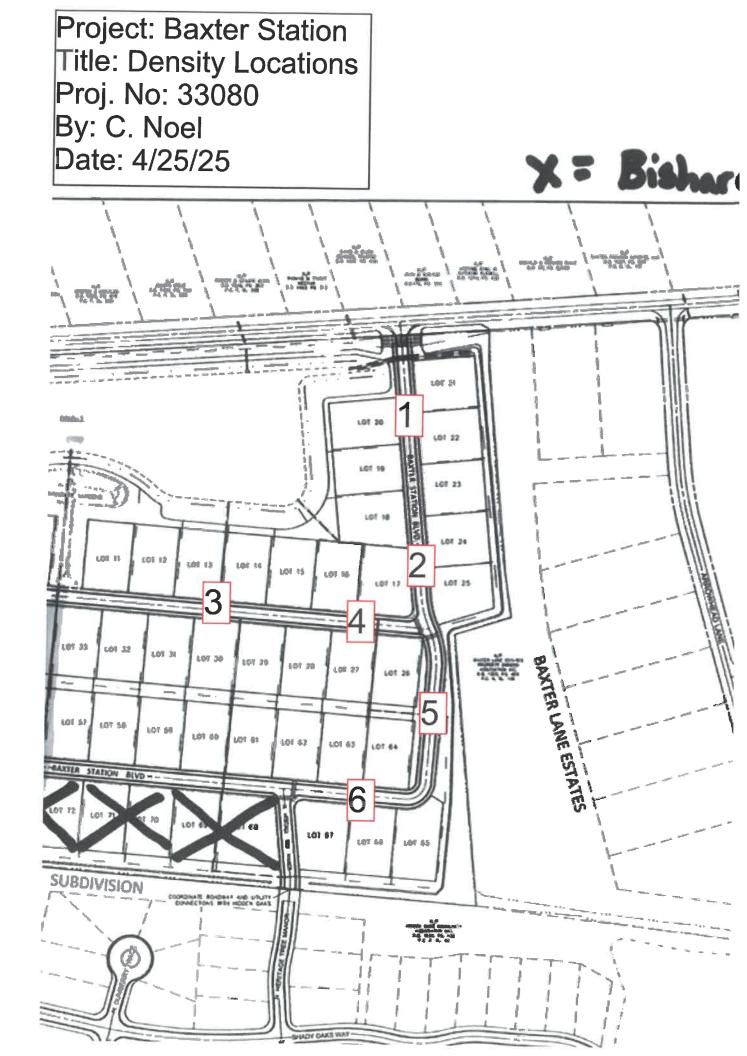
<sup>5.</sup> The results of samples and/or specimens obtained or prepared for subsequent laboratory testing will be presented in separate reports/documents.

NC Registered En	gineering Firm # F-1519					
ECS	ECS Southeast, LLC 6714 Netherlands Drive Wilmington, NC 28405 T 910.686.9114			FIELD F	REPORT	
Project	F 910.686.9666 Baxter's Station			Project No. Report No. Day & Date	22:33080 38 Friday 4/25/2025	
Location	Moyock, NC			Weather On-Site Time	60°/ Sunny 1.75	
Client	Quality Home Builders of Currituck			Lab Time	0.50	
Contractor	None Listed			Travel Time* Total Re Obs Time	<u>2.25</u> 4.50 0.00	
Remarks	ABC Stone					
Trip Charges* Chargeable Items	Tolls/Parking* s 5000	Mileage*	116	Time of	Arrival <b>8:00A</b>	Departure <b>9:45A</b>
	* Travel time and milea	age will be bi	lled in acc	ordance with the o	contract.	
S	ummary of Services Performed (field test dat	ta, locations,	elevations	& depths are estim	nates) & Individuals Cor	ntacted.

The undersigned arrived on site, as requested, to check the compaction of ABC stone for the Subdivision Roads. Please see the attached sketch for the approximate density test locations.

Utilizing the Nuclear Density Gauge test method (ASTM D-6938) to check the compaction of ABC stone; test results indicated that the compacted material, at the areas and depths tested, met the project requirements of 100% of the maximum dry density.

At the density test locations, the thickness of the ABC stone was measured to be at least 8 inches.



ç

# Field Compaction Summary, ASTM D-6938

ECS Southeast, LLC

Technician: Chris Noel

4/25/2025	
Date:	

	Test Methoc	Test Method ASTM D-6938	
Nuclear (	Nuclear Gauge No. 30		
Make	Troxler	Density Std	2341
Model	3440	Moisture Std	745
Ser. No. 3714	3714		

	San	Sample No.		Description	tion			P	Proctor Method	p		Uncon	Uncorrected Max.	×	Uncorrected Optimum
	S	Stone		ABC Stone			Modifie	I Proctor	Modified Proctor Method (ASTM D-1557)	STM D-15	57)		138.1		Moisture Content 5.4
Test No.	Lot No.	Test Mode	Probe Depth (in.)	Station / Location	Lift / Elev	Sample No.	% Oversize	Corrected Max. Density	ΰĞžŭ	Wet Density (pcf)	Dry Density (pcf)	Moisture Content (%)	Percent Comp. (%)	P/F	Comments
1	DT	F	9	Subdivision Road	00	Stone	0.00	138.1	5.4	148.1	143.3	3.3	103.8	٩	
2	DT	F	9	Subdivision Road	00	Stone	0.00	138.1	5.4	148.2	143.0	3.6	103.5		
e	DT	F	9	Subdivision Road	00	Stone	0.00	138.1	5.4	143.7		3.7	100.3	. 0	
4	DT		9	Subdivision Road	00	Stone	0.00	138.1	5.4	145.7	140.3	3.8	101.6		
5	DT		9	Subdivision Road	00	Stone	0.00	138.1	5.4	147.2		4.0	102.5		
9	DT		9	Subdivision Road	00	Stone	0.00	138.1	5.4	144.4	139.7	3.4	101.2		

Page 1

EC	ECS So 6714 Net Wilmingto T 910.68 F 910.68	herland on, NC 2 6.9114	s Drive		L	ETTER O	F TR/		
1643 Me Williamst	2025 Iome Builders c rrimac Trail Sui burg, VA 23185 Ir. Lloyd Ward	te A	uck		RE: ECS Job # Permits: Location:	Baxter's Sta 22:33080 Baxters Land Moyock, NC	e		
CC:		X	Field Repo	rts	<b>Δ</b> For you	Ir use	X	As requested	
ENCL:	Field Report #	41	6/3/2025	Asphalt					

m J Ato

Kris J. Stamm Office Manager, Principal

NC Registered Firm # F-1519

WN

Wade A. Wetherington, E.I. Project Manager

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<sup>3.</sup> Where appropriate, this report includes statements as to compliance with applicable project drawings, and specifications for the activities, performed on this report date.

<sup>4.</sup> Incomplete or non-conforming work will be reported for future resolution.

<sup>5.</sup> The results of samples and/or specimens obtained or prepared for subsequent laboratory testing will be presented in separate reports/documents.

NC Registered	Engineering Firm # F-1519					
ECS	ECS Southeast, LLC 6714 Netherlands Drive Wilmington, NC 28405 T 910.686.9114			FIELD I	REPOR	т
Project	F 910.686.9666 Baxter's Station			Project No. Report No. Day & Date	22:33080 41 Tuesday 6/	3/2025
Location	Moyock, NC			Weather On-Site Time	80 °/ Sunn	
Client	Quality Home Builders of Curritu	ıck		Lab Time	8.50 0.50	
Contractor	None Listed			Travel Time* Total Re Obs Time	<u>4.00</u> 13.00 0.00	
Remarks	Asphalt					
Trip Charges*	Tolls/Parking*	Mileage*	228	Time of	Arrival	Departure
Chargeable Ite	ms				9:30A	6:00P
				cordance with the		
	Summary of Services Performed (field tes	st data, locations,	elevation	s & depths are estir	nates) & Individu	als Contacted.

The undersigned arrived on site, as requested, to observe the placement and compaction of RS9.5B asphalt for Tuscora Lane and Baxter Station Blvd. Please see the attached sketch for the approximate test locations

Utilizing the Nuclear Density Gauge test method (ASTM D-2950) to check the compaction of the asphalt; test results indicated that the asphalt, at the areas and depths tested, met the NCDOT minimum density requirements of 90% of the bulk specific gravity value. This value was obtained from the asphalt supplier quality control laboratory.

The undersigned also cut 3 cores for thickness measurement and specific gravity testing. The cores were returned to the ECS laboratory for testing.

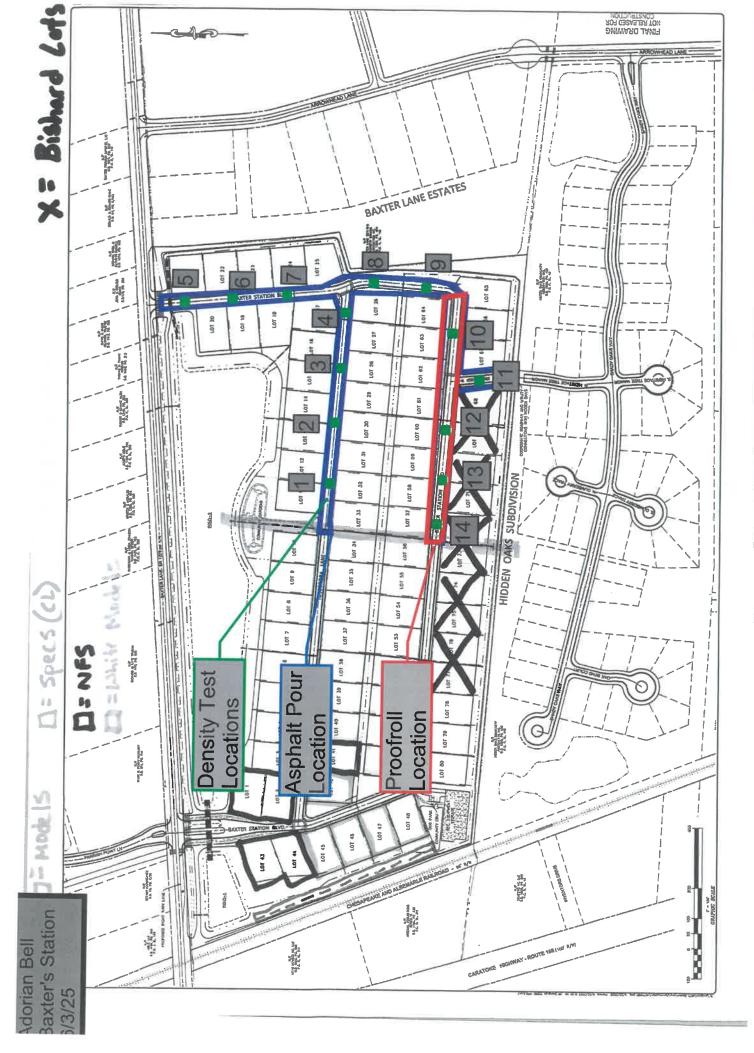
Prior to leaving the site, the undersigned patched the asphalt core locations.

While on site, the undersigned observed the proofrolling of the ABC stone for Baxter Station Blvd. Please see the attached sketch for the approximate proofroll location.

Using a loaded, tandem-axle dump truck; the subject area was proofrolled and was observed to be stable.

ECS	506 W. 13th Street Greenville NC, 27834 (252)-215-2257	ASPHALT DEI	NSITY REPORT
Job Name:	Baxter's Station	Job Number:	33080
Location:	Moyock	Technician:	Adorian Bell
Contractor:	C&L Asphalt	Date:	6/3/2025

TEST #	TEST LOCATION	DEPTH ELEVATION	ASPHALT TYPE	IN-PLACE DENSITY (wet) pcf	COMP %	SPEC%	REMARKS PASS/FAIL
1	Tuscora Lane	Surface	9.5B	139.3	90.1%	90%	PASS
2	Tuscora Lane	Surface	9.5B	139.4	90.2%	90%	PASS
3	Tuscora Lane	Surface	9.5B	140.1	90.6%	90%	PASS
4	Tuscora Lane	Surface	9.5B	142.4	92.1%	90%	PASS
5	Baxter Station Blvd	Surface	9.5B	139.6	90.3%	90%	PASS
6	Baxter Station Blvd	Surface	9.5B	142	91.9%	90%	PASS
7	Baxter Station Blvd	Surface	9.5B	139.7	90.4%	90%	PASS
8	Baxter Station Blvd	Surface	9.5B	140.6	91.0%	90%	PASS
9	Baxter Station Blvd	Surface	9.5B	141.4	91.5%	90%	PASS
10	Baxter Station Blvd	Surface	9.5B	141.2	91.4%	90%	PASS
11	Baxter Station Blvd	Surface	9.5B	140.9	91.2%	90%	PASS
12	Baxter Station Blvd	Surface	9.5B	140.2	90.7%	90%	PASS
13	Baxter Station Blvd	Surface	9.5B	139.9	90.5%	90%	PASS
14	Baxter Station Blvd	Surface	9.5B	140.5	90.9%	90%	
			0.00	Average:	30.376	30%	PASS
ASPHALT TYPE	MIX DESIGN (JMF)	MAXIMUM S GRAVITY	SPECIFIC (Gmm)	MAXIMUM WET UNIT WEIGHT (pcf)		ASPHA	LT SUPPLIER
RS-9.5B		2.47	77	154.6		Alle	en Meyer



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ECS Mid-Atlantic, LLC

		1. 1. 1. 1. 1.	MTV	@ Ndes													GETS				gn No.		New Street			and the second s						
			Gmm	(meas.)						btion (%)	ate Gs	ACeff	Ndes	Ndes	Sabu g		MIX TARGETS	Gmb:	Gmm:	A.C., %: [	Mix Design No.	Ì		Ī	Ī		1					
Baxter Station			Gmb @ Nini	(est.)						Agg. Absorbtion (%)	Aggregate Gs	P0.075 / ACeff	VMA @ Ndes	VFA @ Ndes	Month Constant			4881.2	4768.6	112.6	6.2	C GRAVITY (AASHTO T 200)	Minter (a).	Water (g):	vvater (g):	I UKE (C):						
	Surface Asphalt		Gmb @ Nini	(meas.)									A colorado			C. S.		Asphalt & Pan, Initial (g): Asphalt & Pan Final (d):	pnait & Pan, Final (g): Ashalt Contact (c):	Asphalt Content (g):	Asphalt Content, % (A.C.):		Achiel 1-208)		WATER TEMPERATURE (G):							
	Surfa		CORR.	FACTOR			_		COMPACTION	(%)							-308)						Achialt R									
		- and - and -	Sample Vol. (cm3)	@ Ndes					COMP/	6)							AASHTO T		AS	Acut	V 10							(3) Coroc				
				@ Nini					VOIDS	(%)							2067 0	1812.4	1700.8	0.00	alt Content	SPECIFIC	motv (a):	Bowl (a):	Asphalt (n):	Y ((Gmm):		site of three				
PROJECT NAME:	SAMPLE ID:		Gmb @ Ndes Gmb @ Ndes (meas.) (est.)					105.1	H20 AB-	SORB. (%)							Dan (a)	Asnhalf (n):	Aggregate (g):		Corrected Asphalt Content	MAXIMUM THEORETICAL SPECIFIC	RICE Bowl, Empty (a):	Asphalt & RICE Bowl (g):	A	Asphalt (g): SPECIFIC GRAVITY (Gmm):		Test Sample was a composite of three (3) Cores.				
PRO.			Gmb @ Ndes	(meas.)	famoust			CITE IN CALLED	DENSITY	(PCF)							Partial CONTENT BY IGNITION (AASHTO T-308)		Ag	Correct	Corr	AXIMUM TH		Asp	-	SPECI	NOTES:	est Sample v				
			Z	WATER			Averages	T-166)	Gs	(Gmb)							_	Ľ,				<		00	ax.	67	~				0	Π
22-33080 13- hin 25	T-312			SSD			Aver		Z	WATER					ades		AASHTO M-323	J.M.F.					100 Min	90-100	90 Max.	32-67					2 - 10	
	ASHTO		<b>z</b> :	AIR				(AASHTO							Averages		PASS		100.0	100.0	100.0	100.0	99.3	95.4	56.2	36.4	26.1	18.6	12.7	8.4	5.6	
NUMBER: DATE:	ACTION			Ndes				CORES	Z	AIR						(TO T-30)	WEIGHT RETAIN	(%)	0.0	0.0	0.0	0.0	0.7	4.6	43.8	63.6	73.9	81.4	87.3	91.6	94.4	
PROJECT NUMBER: DATE:	GYRATORY COMPACTION (AASHTO T-312)		New	UN				BULK DENSITY OF CORES (AASHTO T-166)	HEIGHT	('NII)						HSAS) NC	WEIGHT	(g)				0	11.7	78.2	744.8	1081.7	1257.0	1384.9	1484.5	1558.3	1604.8	
α.	GYRATO	Samula	No	D				BULK DE	Sample							<b>GRADATION (AASHTO T-30)</b>	Sieve	(mm)	50.0	37.5	25.0	19.0	12.5	9.5	4.75	2.36	1.18	0.60	0.30	0.15	0.075	Pan