TOWN OF KILL DEVIL HILLS
PUBLIC SERVICES

Post Office Box 1719, 107 Town Hall Drive
Kill Devil Hills, NC 27948
Administration (252) 480-4080 Fax (252) 441-6136
Office Hours: 8:00 a.m. – 5:00 p.m. Mon. – Fri.
Water Plant (252) 480-4090
www.kdhnc.com

STEPHEN F. ALBRIGHT
Director

DEREK A. DAIL
Assistant Director

MARCIA K. OLLIS
Administrative Services

ALFRED W. BURTON
Water Plant

WILLIAM H. WATERFIELD
Water Systems

L. RANDOLPH TURNER
Streets

LYNN E. LINDSEY
Solid Waste

November 13, 2023

Memorandum

To: Debora P. Diaz, Town Manager

From: Derek A. Dail, Assistant Public Services Director

Subject: Recommendation for Acceptance of Street Improvements in E. Corrigan Street

Please find the attached letter from Michael W. Robinson, PE, PLS on behalf of Ocean Breeze Development, LLC requesting acceptance of the recently completed improvements to E. Corrigan Street east of S. Memorial Blvd.

The Board of Commissioners approved the conceptual right-of-way improvements plan for the street at their March 7, 2022 meeting. Michael W. Robinson, PE, PLS Engineering to provide engineering oversight for the project with grading and drainage work completed by H&H Land Development, and asphalt paving completed by C&L Concrete Works.

Public Services has received the as-built surveys and geotechnical testing results for the improvements. Staff has inspected the improvements, reviewed the as-builts and test result documents and finds the final work to be in general compliance with the approved plans.

Attached you will find a certification package including:

- Street improvements acceptance request from Michael W. Robinson, PE, PLS
- Town Engineer's approval of acceptance
- Geotechnical subgrade, base and pavement testing and certifications
- A-Built Survey of E. Corrigan Street Improvements

Staff recommends approving the acceptance of these street improvements. If the Board of Commissioners agrees with this recommendation, following motion would be appropriate:

1. Accept the street, and right-of-way improvements on E. Corrigan Street;
2. Adopt the official traffic map revised to reflect the improvements;
3. Adopt the Powell Bill Map revised to reflect the improvements.

Thank you for your consideration.

Engineering and Surveying
Mailing Address: P.O. Box 2852 (104 Jester Court)
Kill Devil Hills, North Carolina 27948
mrobinson@obxengineering.com
Phone: 252-255-8026

Michael W. Robinson, P.E., P.L.S.

November 02, 2023

Derek A. Dail P.E.
Assistant Public Services Director Town of Kill Devil Hills
107 Town Hall Drive
PO Box 1719
Kill Devil Hills, NC 27948

Re: Corrigan Street, Kill Devil Hills, Dare County, NC

Dear Mr. Dail,
On behalf of Ocean Breeze Development, LLC, please accept this letter as our request for the Town of Kill Devil Hills to approve the construction of Corrigan Street between South Virginia Dare Trail (N.C. 12) and South Memorial Boulevard and to accept our dedication of said road to the Town of Kill Devil Hills.

Thank you in advance for your assistance. If you have any questions or need additional information, please free to call me at 252-255-8026 or email at mrobinson@obxengineering.com.

Sincerely,

Michael W. Robinson P.E., P.L.S.

Dail, Derek

Subject: FW: East Corrigan Street

From: Pete Burkhimer <PBurkhimer@american-ea.com>
Sent: Tuesday, November 7, 2023 9:49 AM
To: mrobinson obxengineering.com <mrobinson@obxengineering.com>; Albright, Steve <Steve@kdhnc.com>; Dail, Derek <derek@kdhnc.com>
Cc: Emily Zeltmann <ezeltmann@american-ea.com>; Patrick Lewis <plewis@american-ea.com>
Subject: RE: East Corrigan Street

Based on the revised supporting information provided in Mike Robinson's email, including his request, Andy Deel's certification, Eastern Geomatics' as-built survey and Terracon's revised report, Town Engineer concurs in the acceptance of the subject block of East Corrigan Street for operation and maintenance by the Town. As requested, we have provided the revised Powell Bill map to reflect the same. This block will also be included in the supporting forms in the July, 2024 Powell Bill submittal.

Pete Burkhimer, PE
Senior Consultant
AMERICAN Engineering
830 Greenbrier Circle, Suite 110
Chesapeake, VA 23320
(757) 468-6800 (office), (757) 478-5970 (cell)
pburkhimer@american-ea.com

August 21, 2023

TO: **C&L Concrete Works Inc.**
210 US 158
Camden, NC 27921

Attn: Mr. Glen Lamb

RE: Construction Materials Testing Services
Ocean Breeze
Kill Devil Hills, North Carolina
Terracon Project No: K5231066
Report No. 1

Dear Mr. Lamb:

As requested, a representative of **Terracon** visited the project site between the dates of July 31, 2023, and August 7, 2023. The purpose of our visits was to observe and evaluate the roadway construction activities with respect to asphalt placement for the East Corrigan Street alignment within the project site.

The project plans, as it relates to East Corrigan Street, require a minimum pavement thickness of 2 inches of S-9.5C followed by 2 inches of I-19C. The project specifications required testing of the asphalt materials be performed for quality assurance, in accordance with the NCDOT requirements. As such, this report includes the evaluation of the asphalt materials placed within the roadway alignment as they relate to thickness, density, aggregate gradation, and asphalt content. The requested scope of services did not include the evaluation of the existing subgrade soils and/or structural fill materials placed to establish the design grade elevations, if required.

SCOPE OF SERVICES

For this project, **Terracon** has performed the following tasks:

- Performed field density testing of roller techniques during placement of the asphalt materials during construction of the roadway alignment. The test locations were randomly established in the field by a **Terracon** representative.

- During our July 31, and August 1, 2023, site visits, field density testing was performed on the asphalt materials (S-9.5C and I-19.0C) during paving operations. Test results indicated the asphalt materials placed met the minimum NCDOT requirement of 92% per the referenced laboratory density provided on the Job Mix Formulas provided by the contractor.

- Following the completion of asphalt placement, we performed coring operations at three (3) locations with the use of a 6-inch diameter core barrel within the requested roadway alignment. The core locations were randomly established in the field by a **Terracon** representative prior to initiating the coring operations.

- Performed laboratory testing procedures on the collected core samples at **Terracon's** laboratory located in Elizabeth City, NC. The laboratory testing procedures consisted of average core specimen thickness and bulk specific gravity as well as asphalt content and asphalt aggregate gradation analysis. The laboratory test procedures were executed in general accordance with NCDOT testing procedures. The specific gravity (density) and thickness test results are provided in the following tables (Table I through Table II – Asphalt Laboratory Test Results). The asphalt content test results are provided in "Table III – Asphalt Content Test Results" and the asphalt aggregate gradation analysis test results are provided on the attached "Particle Size Distribution" sheets.

Table I– Asphalt Laboratory Test Results S-9.5C

Sample #	Sample Location (1)	Asphalt Type	Average Sample Thickness (in.)	Specific Gravity	Percent Compaction (Min. 92%)(2-3)
C-1	See The Attached Location Plan	S-9.5C	2.85	2.206	91.9
C-2	See The Attached Location Plan	S-9.5C	2.49	2.228	92.8
C-3	See The Attached Location Plan	S-9.5C	2.29	2.216	92.3
Average		**S-9.5C**	**2.54**	**2.216**	**92.3**

Note (1) = Locations provided in the table above are considered to be approximate.
Note (2) = Percent compaction based on the Rice specific gravity values of 2.401 for Type S-9.5C (JMF: 20-0061-121), furnished by C&L Concrete Works Inc.
Note (3) = Minimum percent compaction requirement: 92% for Types S-9.5C.

Table II– Asphalt Laboratory Test Results I-19.0C

Sample #	Sample Location (1)	Asphalt Type	Average Sample Thickness (in.)	Specific Gravity	Percent Compaction (Min. 92%)(2-3)
C-1	See The Attached Location Plan	I-19.0C	3.64	2.224	90.9
C-2	See The Attached Location Plan	I-19.0C	2.90	2.222	90.8
C-3	See The Attached Location Plan	I-19.0C	2.75	2.213	90.4
Average		**I-19.0C**	**3.09**	**2.219**	**90.7**

Note (1) = Locations provided in the table above are considered to be approximate.
Note (2) = Percent compaction based on the Rice specific gravity values of 2.448 for Type I 19.0C (JMF: 20-0098-121), furnished by C&L Concrete Works Inc.
Note (3) = Minimum percent compaction requirement: 92% for Types I 19.0C.

Table III – Asphalt Content Test Results

Sample # and Asphalt Type	Sample Location	Asphalt Content (%)(1-2)
C-2 / S-9.5C	See The Attached Location Plan	6.3
C-2 / I 19.0C	See The Attached Location Plan	5.6

Note (1) = Percent asphalt requirement for Type S-9.5C is 6.3% +/- 0.7% per the JMF: 20-0061-121 furnished by C&L Concrete Works Inc. and the NCDOT allowable tolerance.
Note (2) = Percent asphalt requirement for Type I 19.0C is 5.0% +/- 0.7% per the JMF: 20-0098-121 furnished by C&L Concrete Works Inc. and the NCDOT allowable tolerance.

Based on the completed laboratory testing procedures discussed in this report, the asphalt materials placed for this project appear to be in general compliance with NCDOT requirements with respect to percent compaction, asphalt content, and/or aggregate gradation. As an exception, the following deficiencies are identified.

- Based on the results of the laboratory core testing procedures, the I-19.0C asphalt samples did not meet the NCDOT average minimum percent compaction of 92%. However, field density test results obtained during asphalt placement indicated that the materials were compacted to at least the NCDOT minimum of 92%. The slight variability between these test results is common and is likely associated with the varying ASTM testing procedures and the varying sample locations.
- Based on the results of the laboratory core testing procedures, the I-19.0C asphalt materials did not meet the NCDOT aggregate gradation production tolerance for the materials finer than the #8 sieve.

Although the test results indicated the above noted discrepancies, these slight deficiencies are not anticipated to significantly affect the asphalt materials' performance or life span.

We appreciate the opportunity to offer our services to you, and trust that you will call our Elizabeth City office with any questions that you may have.

Respectfully Submitted,
Terracon

Gerald W. Stalls Jr., P.E.
Senior Project Engineer
NC Lic. #034336

NORTH CAROLINA PROFESSIONAL SEAL 034336 ENGINEER GERALD W. STALLS, JR.

Attachments: Field Density Test Report(s)
Particle Size Distribution Test Report(s): Asphalt Core C-2; S-9.5C and I 19.0C
Location Plan

HMAC FIELD DENSITY TEST REPORT

Report Number: K5231066.0002
Service Date: 07/31/23
Report Date: 08/03/23
Task: Field Testing and Sampling

Terracon
106 Capital Trace, Unit E
Elizabeth City, NC 27909-7731
252-335-9765

Client

C & L Concrete Works Inc
Attn: Glen Lamb
210 US 158
Camden, NC 27921

Project

Ocean Breeze
E Corrigan Street
Nags Head, NC 27948

Project Number: K5231066

Material Information

Mat. No.	Reference Number	Classification and Description	Laboratory Test Method	Lab Test Data: Reference Density (pcf)	Project Requirements: Min. Thickness (in)	Min. Comp. (%)	Max. Comp. (%)
2	20-0098-121	I19.0C		153.0		92.0	

Field Test Data

Test No.	Test Location	Pave. Lift	Mat. No.	Nuclear Density (pcf)	Core Data: Core Length (in)	Core Density (pcf)	Correction Factor (pcf)	Corrected Density (pcf)	Comp. (%)
	East Corrigan Street								
1	50' west of Hwy 12	1	2	140.7					92.0
2	100' west of Hwy 12	1	2	140.9					92.1
3	150' west of Hwy 12	1	2	140.7					92.0
4	200' west of Hwy 12	1	2	140.8					92.0

Datum: **Std. Cnt. M:** 684 **Std. Cnt. D:** 2243
S/N: 75685 **Make:** Troxler **Model:** 3430 **Last Cal. Date:** 02/01/2023
Comments: **Test and/or retest results on this report meet project requirements as noted above.**

Services:
Terracon Rep.: Christian Mitchell
Reported To:
Contractor: C&L Concrete Works
Report Distribution:

Reviewed By:

Brad Gallop
Project Manager

Test Method: ASTM D2950

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

CR0025, 11-16-12, R

HMAC FIELD DENSITY TEST REPORT

Report Number: K5231066.0001
Service Date: 08/01/23
Report Date: 08/03/23
Task: Field Testing and Sampling

Terracon
106 Capital Trace, Unit E
Elizabeth City, NC 27909-7731
252-335-9765

Client

C & L Concrete Works Inc
Attn: Glen Lamb
210 US 158
Camden, NC 27921

Project

Ocean Breeze
E Corrigan Street
Nags Head, NC 27948

Project Number: K5231066

Material Information

Mat. No.	Reference Number	Classification and Description	Laboratory Test Method	Lab Test Data: Reference Density (pcf)	Project Requirements: Min. Thickness (in)	Min. Comp. (%)	Max. Comp. (%)
2	20-0061-121	S9.5C		150.1		92.0	

Field Test Data

Test No.	Test Location	Pave. Lift	Mat. No.	Nuclear Density (pcf)	Core Data: Core Length (in)	Core Density (pcf)	Correction Factor (pcf)	Corrected Density (pcf)	Comp. (%)
	East Corrigan Street								
1	30' west from Hwy 12	2	2	138.5					92.3
2	105' west from Hwy 12	2	2	138.3					92.1
3	175' west from Hwy 12	2	2	138.4					92.2
4	20' east from Memorial	2	2	138.3					92.1

Datum: **Std. Cnt. M:** 680 **Std. Cnt. D:** 2219
S/N: 75685 **Make:** Troxler **Model:** 3430 **Last Cal. Date:** 02/01/2023
Comments: **Test and/or retest results on this report meet project requirements as noted above.**

Services:
Terracon Rep.: Christian Mitchell
Reported To:
Contractor: C&L Concrete Works
Report Distribution:

Reviewed By:
Brad Gallop
Project Manager

Test Method: ASTM D2950

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

CR0025, 11-16-12, R

PARTICLE SIZE DISTRIBUTION REPORT

Report Number: K5231066.0005
Service Date: 08/15/23
Report Date: 08/17/23
Task: Laboratory Testing

Terracon
106 Capital Trace, Unit E
Elizabeth City, NC 27909-7731
252-335-9765

Client

C & L Concrete Works Inc
Attn: Glen Lamb
210 US 158
Camden, NC 27921

Project

Ocean Breeze
E Corrigan Street
Nags Head, NC 27948

Project Number: K5231066

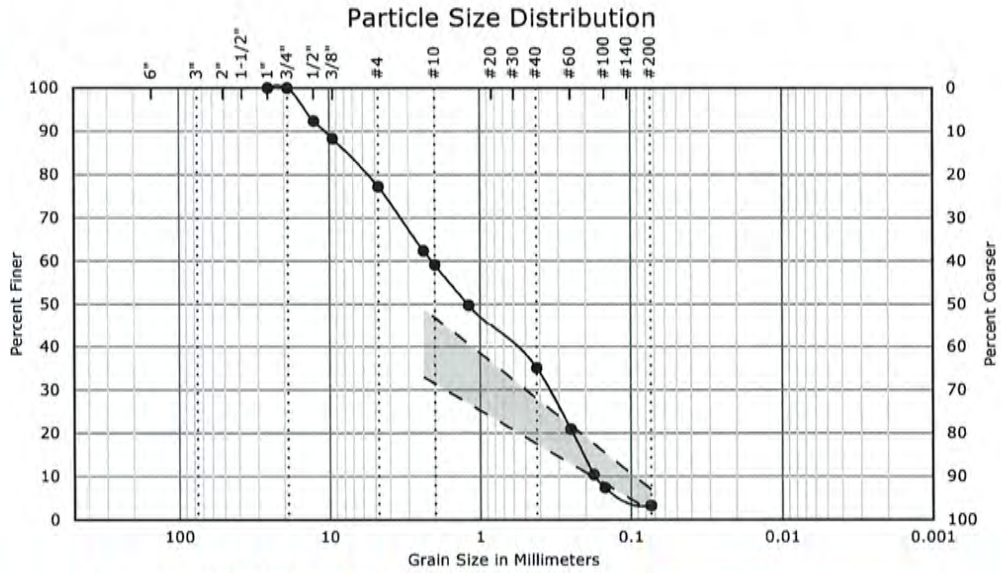
Sample Information

Sample Type:	Core
Sample Location:	C2 See Attached Plan
Sample Description:	Asphalt Core I9.0C
USCS:	Poorly-graded sand with gravel (SP)

Laboratory Test Data

Test Method:	ASTM D6913
Method:	B
Atterberg Limits:	Non-Plastic
Sample Preparation:	Oven Dried
Sieving Method:	Single Sieve-Set Sieving

Sieve Size	Percent Finer	Spec.*	Pass (X=Fail)
1"	100		
3/4"	100		
1/2"	92		
3/8"	88		
#4	77		
#8	62	33-49	x
#10	59		
#16	50		
#40	35		
#60	21		
#80	10		
#100	7		
#200	3	2-7	



% Cobbles	% Gravel - 22.8		% Sand - 74.0			% Fines
	Coarse	Fine	Coarse	Medium	Fine	
0.0	0.0	22.8	18.2	23.9	31.9	3.3

*

D_{60} = 2.10 D_{30} = 0.34 D_{10} = 0.174 C_c = 0.3 C_u = 12.0 FM =

Comments: Asphalt Content 5.6% Percent Compaction 91% JMF 20-0098-121 for Type I19.0C

Services:
Terracon Rep.: Kim Overton
Reported To:
Contractor: C&L Concrete Works
Report Distribution:

Reviewed By:

Brad Gallop
Project Manager

Test

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

PARTICLE SIZE DISTRIBUTION REPORT

Report Number: K5231066.0006
Service Date: 08/15/23
Report Date: 08/17/23
Task: Laboratory Testing

Terracon
106 Capital Trace, Unit E
Elizabeth City, NC 27909-7731
252-335-9765

Client

C & L Concrete Works Inc
Attn: Glen Lamb
210 US 158
Camden, NC 27921

Project

Ocean Breeze
E Corrigan Street
Nags Head, NC 27948

Project Number: K5231066

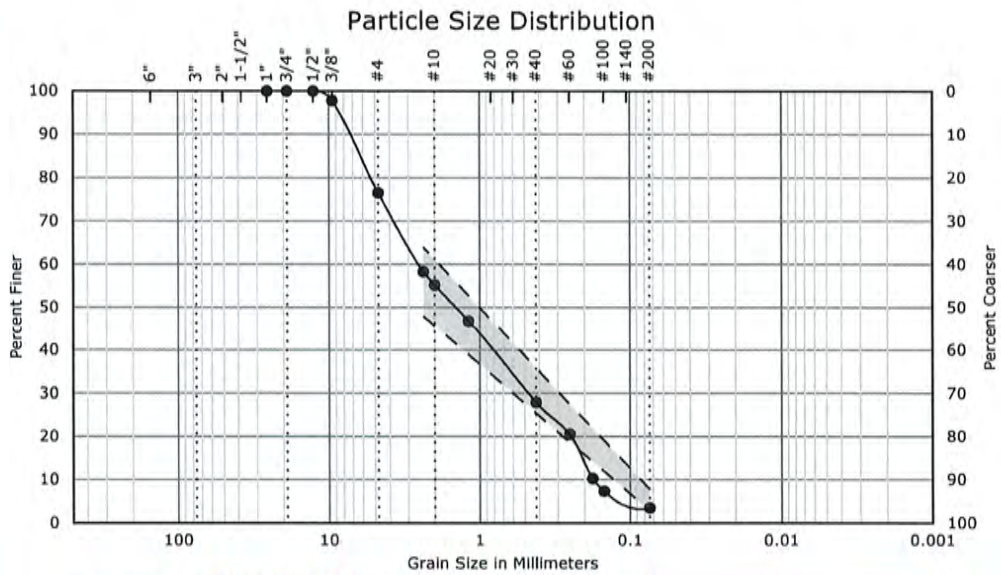
Sample Information

Sample Type:	Core
Sample Location:	C2 See Plan
Sample Description:	Asphalt Core S9.5C
USCS:	Poorly-graded sand with gravel (SP)

Laboratory Test Data

Test Method:	ASTM D6913
Method:	B
Atterberg Limits:	Non-Plastic
Sample Preparation:	Oven Dried
Sieving Method:	Single Sieve-Set Sieving

Sieve Size	Percent Finer	Spec.*	Pass (X=Fail)
1"	100		
3/4"	100		
1/2"	100		
3/8"	98		
#4	77		
#8	58	48-64	
#10	55		
#16	47		
#40	28		
#60	21		
#80	10		
#100	7		
#200	3	2.8-7.8	



% Cobbles	% Gravel - 23.5		% Sand - 73.1			% Fines
	Coarse	Fine	Coarse	Medium	Fine	
0.0	0.0	23.5	21.3	27.3	24.4	3.5

D_{60} = 2.57 D_{30} = 0.47 D_{10} = 0.175 C_c = 0.5 C_u = 14.7 FM =

*

Comments: Asphalt Content 6.3% Percent Compaction 93% JMF 20-0061-121

Services:
Terracon Rep.: Kim Overton
Reported To:
Contractor: C&L Concrete Works
Report Distribution:

Reviewed By:

Brad Gallop
Project Manager

Test

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

C-1
C-2
C-3
SITE PLAN
OCEAN BREEZE TOWNHOMES
902 SOUTH VIRGINIA DARE TRAIL
200 feet
bing
© 2023 Microsoft Corporation © Vexcel Imaging

FIELD DENSITY TEST REPORT

Report Number: K5221130.0006
Service Date: 07/25/23
Report Date: 07/26/23
Task: Field Services

Terracon
106 Capital Trace, Unit E
Elizabeth City, NC 27909-7731
252-335-9765

Client

R M Saunders General Contractor
Attn: Randy Saunders
PO Box 1922
Kill Devil Hills, NC 27948

Project

Ocean Breeze
902 S Virginia Dare Trail
Kill Devil Hills, NC

Project Number: K5221130

Material Information

Mat. No.	Proctor Ref. No.	Classification and Description	Laboratory Test Method	Lab Test Data: Opt. Water Content (%)	Lab Test Data: Max. Lab Density (pcf)	Project Requirements: Water Content (%)	Project Requirements: Compaction (%)
2	K5221130.0007	ABC Stone		6.0	142.5		Min 100.0

Field Test Data

Test No.	Test Location	Lift / Elev.	Mat. No.	Probe Depth (in)	Wet Density (pcf)	Water Content (pcf)	Water Content (%)	Dry Density (pcf)	Percent Compaction (%)
	Roadway								
1	Approx 30' west of NC12	FG	2	6	147.2	3.7	2.6	143.5	100+
2	Approx. 125' west of NC12	FG	2	6	146.9	3.6	2.5	143.3	100+
3	Approx. 30' east of Memoral Blvd	FG	2	6	148.0	3.5	2.4	144.5	100+

Datum: Top of existing grade **Std. Cnt. M:** 596 **Std. Cnt. D:** 2078
S/N: 31918 **Make:** Troxler **Model:** 3430 **Last Cal. Date:** 05/26/2022
Comments: **Test and/or retest results on this report meet project requirements as noted above.**

Services: Perform in-place moisture and density retests as requested or as required by the project specifications to determine degree of compaction and material moisture condition.
Terracon Rep.: Christian Mitchell
Reported To:
Contractor: H&H Land Development
Report Distribution:
(1) R M Saunders General Contractor, Randy Saunders

Reviewed By:
Brad Gallop
Project Manager

Test Methods: ASTM D6938

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

TOWN OF KILL DEVIL HILLS

Land Where Flight Began

Resolution of Acceptance of Street Improvements to East Corrigan Street

WHEREAS, street and right-of-way improvements to East Corrigan Street, have recently been completed; and

WHEREAS, the Michael W. Robinson, PE, PLS, on behalf of Ocean Breeze Development, LLC, has petitioned the Board of Commissioners to accept the street improvements into the Town of Kill Devil Hills public streets system; and

WHEREAS, the Kill Devil Hills Town Code, Chapter 91, Streets, Acceptance and Improvement of Public Streets establishes the procedure and criteria that must first be met prior to the Town accepting any street improvements into the Town's public systems; and

WHEREAS, Ocean Breeze Development, LLC, and Kill Devil Hills Town Staff have submitted the following:

- Street improvements acceptance request from Michael W. Robinson, PE, PLS, on behalf of Ocean Breeze Development, LLC;
- Town Engineer's approval of acceptance;
- Geotechnical subgrade, base, and pavement testing and certifications; and
- As-Built Survey of East Corrigan Street improvements;

therefore be it

RESOLVED, That the Board of Commissioners for the Town of Kill Devil Hills approves the following:

1. The street and right-of-way improvements for East Corrigan Street are hereby accepted into the Town's public streets system;

2. The Official Traffic Map of the Town of Kill Devil Hills, reflecting these improvements and regulatory signage of the Town of Kill Devil Hills is hereby adopted as amended;

3. The revised Powell Bill Map is hereby adopted as amended.

This 13th day of November, 2023.

SEAL

Benjamin A. Sproul
Mayor

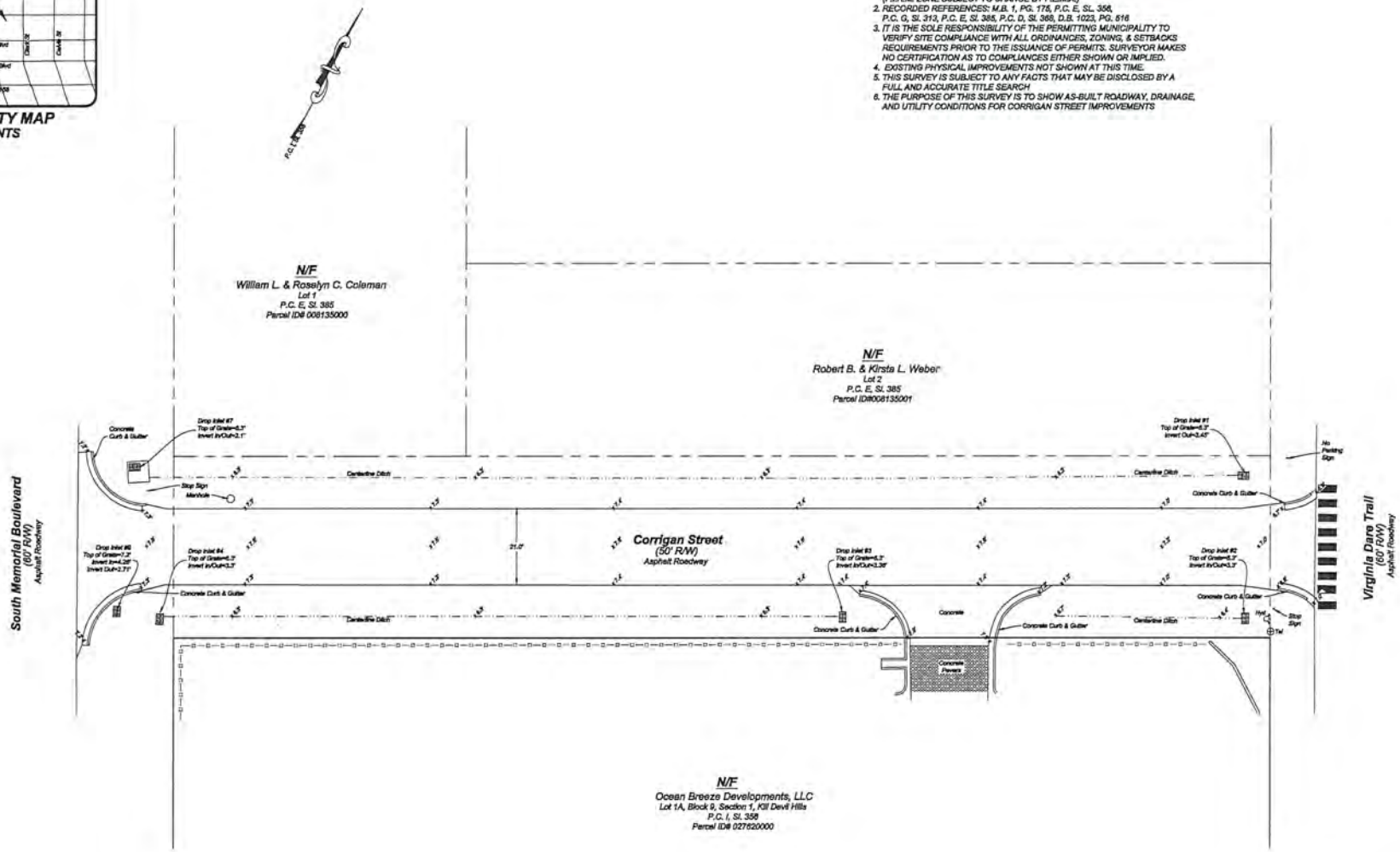
ATTEST:

James Michael O'Dell
Town Clerk

VICINITY MAP
NTS

NOTES

1. FLOOD ZONE X; FLOOD PANEL #3720968300K (F.I.R.M. ZONE SUBJECT TO CHANGE BY F.E.M.A.)
2. RECORDED REFERENCES: M.B. 1, PG. 176, P.C. E, SL. 358, P.C. G, SL. 313, P.C. E, SL. 385, P.C. D, SL. 368, D.B. 1023, PG. 616
3. IT IS THE SOLE RESPONSIBILITY OF THE PERMITTING MUNICIPALITY TO VERIFY SITE COMPLIANCE WITH ALL ORDINANCES, ZONING, & SETBACKS REQUIREMENTS PRIOR TO THE ISSUANCE OF PERMITS. SURVEYOR MAKES NO CERTIFICATION AS TO COMPLIANCES EITHER SHOWN OR IMPLIED.
4. EXISTING PHYSICAL IMPROVEMENTS NOT SHOWN AT THIS TIME.
5. THIS SURVEY IS SUBJECT TO ANY FACTS THAT MAY BE DISCLOSED BY A FULL AND ACCURATE TITLE SEARCH
6. THE PURPOSE OF THIS SURVEY IS TO SHOW AS-BUILT ROADWAY, DRAINAGE, AND UTILITY CONDITIONS FOR CORRIGAN STREET IMPROVEMENTS



I, JAMIE E. FURR, CERTIFY THAT UNDER MY DIRECTION AND SUPERVISION THIS PLAT WAS DRAWN FROM AN ACTUAL FIELD SURVEY AS PER RECORDED DESCRIPTION; THAT THE RATIO OF PRECISION AS CALCULATED IS 1:10,000+; THAT THIS PLAT WAS PREPARED IN ACCORDANCE WITH N.C.A.C. TITLE 21, CHAPTER 56, SECTION 1600.

WITNESS MY HAND AND SEAL THIS 6 DAY OF NOVEMBER, 2023

P.L.S. L-4602

IF THIS SEAL IS ABSENT, THIS PLAT IS TO BE CONSIDERED PRELIMINARY, NOT TO BE USED FOR RECORDATION, CONVEYANCE, OR SITESPECIFIC APPROVAL

GRAPHIC SCALE

(IN FEET)
1 inch = 20 ft.

LEGEND

- EXC PIPE
- DRILL HOLE SET
- REBAR SET
- EX. REBAR
- EX. CONC. MON.
- CONC. MON. SET
- EX. PK NAIL
- EX. DRILL HOLE
- FIBER OPTIC
- CATV PED.
- UTILITY POLE
- ELEC. BOX
- LIGHTPOST
- WATER METER
- FIRE HYDRANT

EASTERN GEOMATICS, PLLC
P.O. BOX 1026
(305 SOUNDVIEW DRIVE)
KILL DEVIL HILLS, N.C. 27948
PHONE: 252-441-4590
FIRM LIC#: P-0733

REVISIONS			
NO.	DATE	DESCRIPTION	BY

SURVEY FOR: Ocean Breeze Developments, LLC

LOT NO.: Lot 1A, Block 9, Section 1, Kill Devil Beach

Atlantic Township — Dare County — North Carolina

FILE NO.: 21-1931-ROAD

SCALE: 1"=20'

SURVEYED: JEF

DRAWN: JEF

CHECKED: JEF

DATE: 11/6/2023

SHEET NO.: 1 OF 1 SHEETS

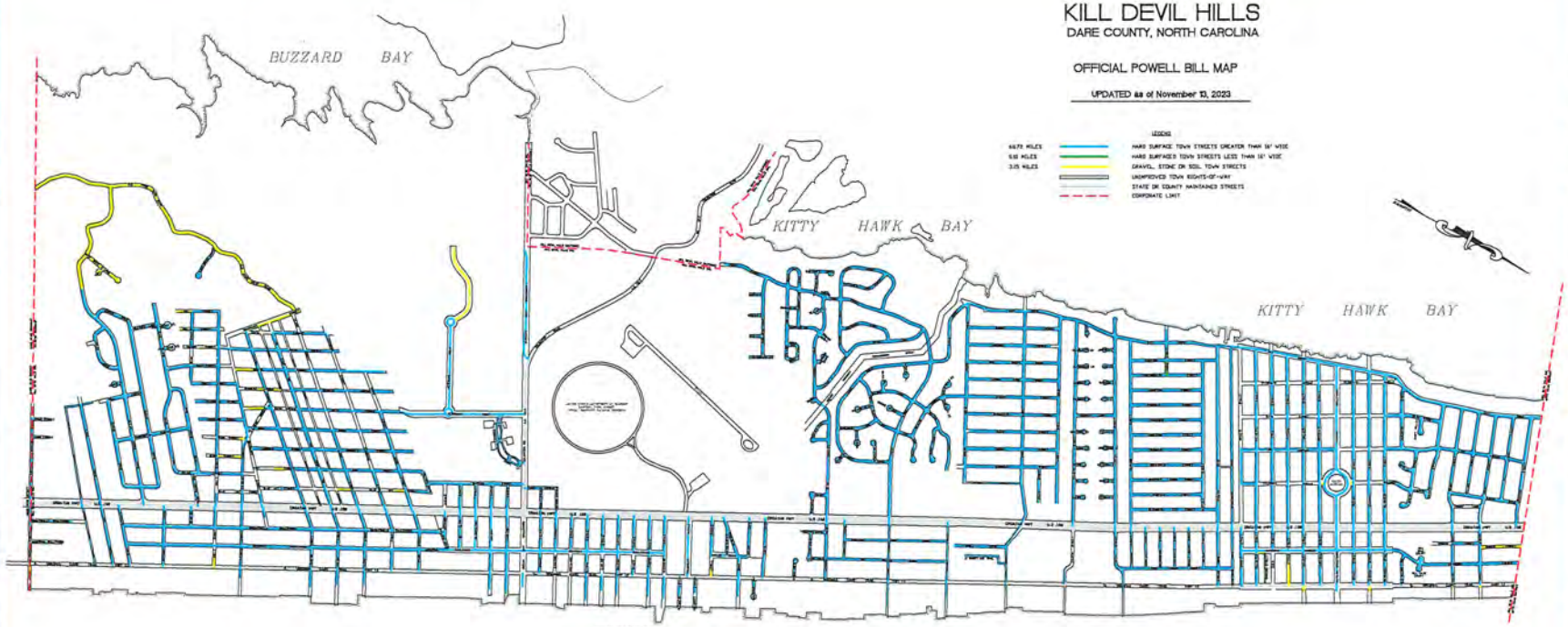
TOWN OF

KILL DEVIL HILLS

DARE COUNTY, NORTH CAROLINA

OFFICIAL POWELL BILL MAP

UPDATED as of November 13, 2023



COMMONWEALTH OF VIRGINIA
CITY OF VIRGINIA BEACH

This is to certify that I, Walter P. Sundstrom, Jr., am a Registered Professional Engineer pursuant to the laws of the State of North Carolina, that I have made actual measurements and examinations of non-State system streets in Kill Devil Hills, NC, and that said measurements and examinations are accurate and that within a possible error of one-hundredth of a mile per mile.

Witness my hand and seal this 13th day of November, 2023.

Walter P. Sundstrom, Jr., P.E. (SEAL)

NORTH CAROLINA PROFESSIONAL SEAL 10786 WALTER P. SUNDSTROM, JR. ENGINEER

OFFICIAL POWELL BILL MAP
NOVEMBER 13, 2023 UPDATE

REVISIONS		
NO.	DATE	DESCRIPTION	BY

KILL DEVIL HILLS, NORTH CAROLINA
A NONE TOWNSHIP, DARE COUNTY

KILL DEVIL HILLS NORTH CAROLINA Birthplace of Flight

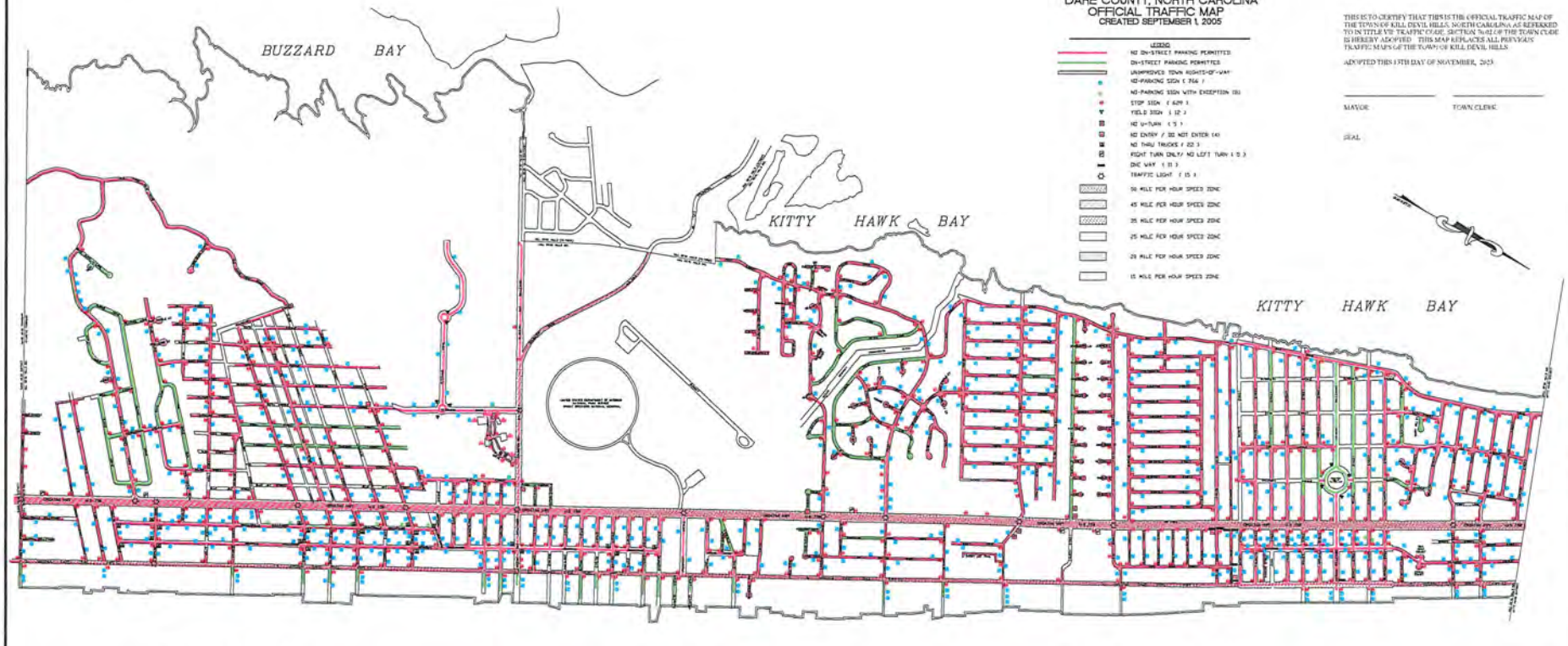
Powell Bill Mapping and Certification

AMERICAN Engineering
Surveyors • Engineers • Planners
Kitty Hawk, NC • Kill Devil Hills, NC
Nags Head, NC • Manteo, NC
Elizabeth City, NC • Hertford, NC
Chesapeake, VA • Virginia Beach, VA
(252) 261-3300 (757) 301-1000

Base Mapping

TOWN OF KILL DEVIL HILLS
PLANNING AND INSPECTIONS DEPARTMENT
P.O. BOX 1757
Kill Devil Hills, NC 27948
Ph. 252-449-3120 Fax 252-449-3118
www.kdh.com

TOWN OF KILL DEVIL HILLS
DARE COUNTY, NORTH CAROLINA
OFFICIAL TRAFFIC MAP
CREATED SEPTEMBER 1, 2005



THIS IS TO CERTIFY THAT THIS IS THE OFFICIAL TRAFFIC MAP OF THE TOWN OF KILL DEVIL HILLS, NORTH CAROLINA AS REFERRED TO IN TITLE VII TRAFFIC CODE, SECTION 76-02 OF THE TOWN CODE IS HEREBY ADOPTED. THIS MAP REPLACES ALL PREVIOUS TRAFFIC MAPS OF THE TOWN OF KILL DEVIL HILLS.

ADOPTED THIS 13TH DAY OF NOVEMBER, 2023.

MAYOR

TOWN CLERK

SEAL

UPDATED APRIL 10, 2006
UPDATED MAY 12, 2006
UPDATED JUNE 27, 2006
UPDATED JULY 27, 2006
UPDATED APRIL 27, 2009
UPDATED MAY 24, 2009
UPDATED MARCH 01, 2022
UPDATED APRIL 01, 2022
UPDATED DECEMBER 12, 2022
UPDATED NOVEMBER 13, 2023

OFFICIAL TRAFFIC MAP
REVISED NOVEMBER 13, 2023

NO.	DATE	DESCRIPTION	BY

REVISIONS

KILL DEVIL HILLS, NORTH CAROLINA
ALBANO TOWNSHIP DARE COUNTY
SCALE: 1"=600'

TOWN OF KILL DEVIL HILLS

OFFICE OF THE TOWN CLERK
PO BOX 1719
KILL DEVIL HILLS, NC 27948
WWW.KDHNC.COM