



TOWN OF KILL DEVIL HILLS

Land Where Flight Began

PUBLIC NOTICE

NOTICE IS HEREBY GIVEN that on Monday, May 8, 2023, at 4:00 p.m., the Town of Kill Devil Hills Street Improvement and Special Projects Committee will hold a meeting in the Town Hall Meeting Room, located at 102 Town Hall Drive, Kill Devil Hills.

A printed packet is available for public inspection in the Planning Department, 102 Town Hall Drive. To schedule an inspection time, contact the Department at 252-449-5318. Packet materials can be viewed on the Town's website at <https://www.kdhnc.com/743/Meetings-Agendas-Packets-Minutes>.

Written public comments for the Street Improvement and Special Projects Committee can be emailed to info@kdhnc.com. Comments must include your name and address and are limited to three minutes for individuals, and five minutes when speaking for a group. The items to be discussed are listed below:

AGENDA

Call to Order

Agenda Approval

Approval of the February 22, 2022 meeting minutes

Public Comment (Time limit of 3 minutes per person; 5 minutes per group)

Ongoing Business

New Business

1. 2022 Street Rating Update – American Engineering
2. Citizen Comments/Request
 - a) Sportsman Drive
 - b) Eighth Avenue
 - c) West Fourth Street
3. Election of Vice-Chair

Adjournment

Posted this 3rd day of May 2023

Jennifer Stecher

Administrative Assistant/Deputy Town Clerk

Copies to: *Street Improvement and Special Projects Committee members in their meeting materials; Mayor & Board of Commissioners; Town Manager; all Town bulletin boards; KDH Sunshine List including all local news media; KDH Electronic Distribution List; website, social media; file*

Minutes of the February 22, 2022, meeting of the Kill Devil Hills Street Improvement and Special Projects Committee (SISPC) held at 4:00 p.m. in the Town Hall meeting room of the Administration Building, 102 Town Hall Drive, Kill Devil Hills.

Members Present: Chairperson B.J. McAvoy, Kevin Cox, Billy Dorn, Nelson V. “Skip” Jones, Jr., and Ronald Seidman, II

Others Present: Meredith Guns, Planning Director; Steve Albright, Public Services Director; Derek Dail, Assistant Public Services Director; Pete Burkheimer, Town Engineer; Patrick Lewis, American Engineering; and Jennifer Stecher, Clerk to the SISPC

Call to Order

At 4:07 p.m., Commissioner B.J. McAvoy called this meeting of the Kill Devil Hills Street Improvement and Special Projects Committee (SISPC) to order and welcomed everyone present.

Agenda Approval

Ron Seidman moved to approve the agenda for the meeting as presented. Skip Jones seconded the motion, which was approved by a unanimous, 5-0, vote.

Approval of the Minutes of the July 27, 2021 Meeting

Mr. Jones requested an amendment to the minutes to reflect his comments regarding his knowledge as a builder and the effects the new building codes have on older properties. Mr. Jones moved to approve the amended minutes of the July 27, 2021, SISPC meeting as amended. Mr. Seidman seconded the motion, and the minutes were approved as amended, with a unanimous, 5-0, vote.

Public Comment

Alice Jaeger, 401 West Eden Street – Ms. Jaeger was interested in finding out what the future plan will be to remedy the standing water situation and she wanted to know what the long-term permanent solution will be. She was hopeful the Federal Government’s prospective infrastructure plan will filter money down to the Town to assist with the standing water issue in her neighborhood.

Jack Williams, 302 West Durham Street – Mr. Williams appreciated the quick response by Staff in June 2021 to offer temporary solutions to the standing water issue. He was interested in the outcome of the feasibility study that has been completed since the last SISPC meeting and what will be the plan to mitigate the flooding issues in his neighborhood.

Jonathan Lent, 305 West Durham Street – Mr. Lent was also appreciative of the temporary solutions the Town has offered so far in regards to the standing water and is interested in a long term drainage solution. He would like to see the Town continue to keep the neighborhood culverts cleared to accommodate any heavy rains when they occur. Mr. Lent also requested the road be blocked when flooded to deter additional damage to homeowners from wakes or traffic accidents.

Ralph Pierce, 2006 Elizabeth City Street – Mr. Pierce inquired whether the sock pipe will be extended from current project to help his neighborhood. Mr. Pierce expressed concern regarding the current building codes creating a negative effect on older properties that were built lower. The older properties tend to collect the water that runs off of new properties that are required to be built on higher ground.

Ongoing Business

New Business

1. Limited Interim Stormwater Management Plan Update

The Limited Interim Stormwater Management Plan Update was developed by the Town Engineer, to address several recent public comments and other drainage concerns. The recommendation is intended to update the 10-year-old plan and to identify sources of flooding and how or if they can be addressed in addition to future stormwater projects the Town may want to consider. Staff suggested the SISPC approve and forward to the Board of Commissioners the following recommended policy:

It is the Town's policy to construct, maintain and rehabilitate its streets and roads so that their storm drainage systems (roadside ditches/swales, culverts, enclosed pipe systems, outfalls, etc.) accomplish the following objectives:

- i. Keep the street drained so that it is safely passable to vehicular and pedestrian traffic.*
- ii. To the maximum extent practicable, avoid stormwater from the street draining onto private property, except through an easement.*
- iii. Receive the surface flow of stormwater from adjacent single-family residential properties.*

In addition, in those areas where the Town determines that groundwater management measures are feasible, such a system may be installed and may provide some benefit to adjacent residential properties whose land and/or structures are lower than the elevation of the street. In so doing, the Town is applying a technique which has been shown to promote the three foregoing objectives. The Town welcomes any secondary benefits that such groundwater systems may provide in alleviating a private property owner's adverse drainage conditions due to being lower than the street, but affirmatively declares that it is under no duty to do so and accepts no liability should such mitigation be ineffective or not totally effective in any given rainfall event.

This recommended policy outlines a clear statement as to primary objectives and goals of the Town's capital projects that include drainage/stormwater work which is to protect the Town infrastructure and safety. The Town's goal to manage stormwater and drainage is to protect Town rights-of-ways while providing some secondary benefits (to varying degrees) to adjacent private properties. Staff is applying for a BRIC grant to help fund some of the updates.

Mr. Jones asked what the life-expectancy is for current sock-drains. Mr. Burkheimer said the first sock drains were put in during 2006 and they have worked well and notes that a two-inch to seven-inch rain will be dramatically addressed with the current system being used.

Staff recommended forwarding the Limited Interim Stormwater Management Plan Update to the Board of Commissioners for consideration and further recommended formal adoption of the policy statement as it relates to street and stormwater capital projects.

Mr. Jones moved to approve and forward the Limited Interim Stormwater Management Plan Update as presented to the Board of Commissioners as well as suggest to the BOC to formally accept the recommended policy. Mr. Cox seconded the motion, and the proposal was approved as presented, with a unanimous, 5-0, vote.

2. Street Improvement Recommendation for Fiscal Years 2022-23 Fiscal Year (FY) and 2023-24 Plan Year

Mr. Burkheimer presented the Street and Drainage Improvement Recommendations for fiscal year 2022-23 and the recommendation for the plan year of 2023-24. The 2022-23 recommendation is Seminole Street, Indian Drive and US 158 Drainage. It will include a four block section of Indian Drive and all of Seminole Street, and expand the previous drainage project on US 158 to extend from West Third Street north to West Durham Street. The project will also include replacement of some of the AC water main with an estimated cost is \$1,390,000 (\$866,000 streets, \$504,000 water fund).

The 2023-24 plan year includes Wrightsville Boulevard from Goddard Street to Carolyn Drive. This project proposes resurfacing of the roadway and establish a medium size storm drainage line as a major branch of the Memorial Boulevard drainage system. This project will dramatically improve the efficiency of the drainage system in this area and replace outdated water mains. The estimated cost is \$2,265,000 (\$1,271,000 streets and \$994,000 water funds).

Staff recommended forwarding the 2022-23 street recommendation Seminole Street, Indian Drive and US158 Drainage as well as the 2023-24 Plan Year recommendation, Wrightsville Boulevard, to the Board of Commissioners with a favorable recommendation.

Mr. Cox asked about asbestos pipes. Mr. Burkheimer said that the replacement of asbestos pipes does not immediately get replaced if the street is in good condition.

Chairperson McAvoy moved to forward the 2022-23 street recommendation Seminole Street, Indian Drive and US158 Drainage as well as the 2023-24 Plan Year recommendation, Wrightsville Boulevard, to the Board of Commissioners with a favorable endorsement. Mr. Cox seconded the motion, which carried by a unanimous, 5-0 vote.

Street Condition Survey

Mr. Albright said the Town is due to complete a visual assessment and deficiency rating of all streets. In previous years, Staff and committee member took six to eight trips, approximately four hours each, to tour and rate Town streets. Mr. Albright invited current members of the committee to join him to tour the streets sometime in May of this year. Mr. Seidman said he was interested.

Sidewalks along US 158

Mr. Cox asked about the continuation of sidewalks along US 158 by the Wright Brothers monument. Mr. Albright noted that it has been put on the National Park Service's (NPS) long term plan but no definite time frame designated to completing sidewalks at that location. Ms. Guns said she spoke with the NPS last summer and they were not interested in supporting it monetarily but noted there is public interest for the project. Ms. Guns said she will follow-up with NPS staff again about the possibility to complete the project.

Adjournment

There being no other business before the SISPC at this time, Mr. Seidman moved to adjourn the meeting. Mr. Dorn seconded the motion, which carried by a unanimous, 5-0 vote, and the meeting adjourned. The time was 5:13 p.m.

Submitted by:

Jennifer Stecher
Administrative Assistant/Deputy Town Clerk



May 3, 2023

The Kill Devil Hills Street Improvement and Special Projects Committee,
c/o Ms. Meredith Guns, Planning Director
Ms. Debora P. Diaz, Town Manager
P. O. Box 1719
Kill Devil Hills, NC 27948

By **e-mail**

Subject: **Project ID V22200 – 2022 Street Conditions Rating Study and
Future Project Review**

Dear Committee Members, Ms. Diaz and Ms. Guns:

This is our annual update on your capital projects program and discussion of the program going forward.

2022 Street Conditions Rating Study

Town staff conducted a Street Conditions Rating Study in 2022. Here is a brief summary of the results; tables showing streets in this summary are included on Page 1 of the attached spreadsheet:

- 3.97 miles of "Poor" condition streets were upgraded to Excellent between 2017 and 2022.
- 1.20 miles of streets fell to "Poor" condition between 2017 and 2022.
- There are a total of 4.39 miles of remaining "Poor" condition streets as of the 2022 Rating Study.
- Between the 2023 project to be awarded on May 8, and the project planned for 2024-2025, an additional 1.19 miles of "Poor" condition streets will be upgraded to "Excellent".

It is very clear that the Town's program of replacing "Poor" condition streets is working. Town staff should be commended for their efforts in prioritizing the streets most in need of upgrading and ensuring that corresponding capital projects are designed and completed – even through the last couple of years of highly inflationary pricing.

What is recommended for the next two years?

Continuing with the planning that Town staff has done, the following two projects will be completed in FY 2023-24 and FY 2024-25.

FY 2023-24: The upcoming fall project that is recommended for award in May, with a September 2023 construction start date, is shown with **salmon shading**. Seminole's pavement is Poor, and Indian is Fair3, likely to fall to Poor prior to the next Street Rating.

Seminole Street and Indian Drive will include replacing their asbestos-cement water mains with modern PVC lines and overlay of the street pavement. "Sock drain" will be installed along most of Seminole, part of Indian, and along Apache from Indian back to tie into the West Third Street system that was completed in 2022.

The total cost of this project is \$1,408,915, of which about **\$674,500** represents street and drainage funding; the remaining \$734,315 is water funding.

FY 2024-25: The area with **blue shading** is intended to show the next year out, FY 2024-25. This project will be the replacement a one-mile section of Wrightsville Boulevard, from Goddard Street all the way south to Carolyn Drive, including storm drainage, replacement of asbestos-cement water mains, and upgrading pipe sizes on smaller water mains. This project will improve a major branch of the Memorial Boulevard storm drainage system and improve the system's ability to handle the runoff from a tropical storm or other high-volume rain event.

Summary

We have prepared a spreadsheet that summarizes the results of the 2022 Street Conditions Rating Study. Below is a list of information that can be found in the spreadsheet.

Page 1: This contains the following information:

- Summary of streets upgraded to "Excellent" condition through capital projects completed since the 2017 Street Conditions Rating Study.
- Summary of streets that fell to "Poor" condition since the 2017 Street Conditions Rating Study

Pages 2 and 3: This is a recap of the accomplishments of the last 18 years' projects. It is provided to help the Committee and others see historical context.

Page 4:

In the **Drainage Only** sections, we note past drainage-only projects completed in the past 18 years.

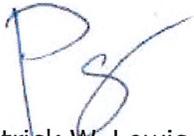
In the block after that is a list of drainage projects still remaining from the Town's 2005 Multi-Year Drainage Plan.

In the final block, **POOR Streets Remaining**, we note the streets with a condition rating of 50 or lower, making them "Poor." This is a relatively short list compared to 2017's Study. Those "Poor" rated streets which will be upgraded in 2023-2024 and 2024-2025 are shaded with the respective colors that are discussed in the prior section. In summary, we are confident that the diligence of Town staff to keep with the program of identification and upgrade of "Poor" rated streets will continue to reduce the "Poor" rated streets within the Town.

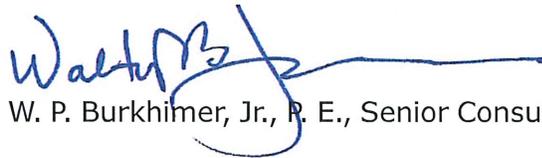
Thank you for the opportunity to assist Town staff in the improvement of the Town's infrastructure. We'll see you at the May 8, 2023 SISPC meeting, at 4:00 p.m. in the Board of Commissioners' Meeting Room.

Very truly yours,

AMERICAN ENGINEERING ASSOCIATES, P.A .



Patrick W. Lewis, P.E, ENV SP



W. P. Burkheimer, Jr., P. E., Senior Consultant

Cc: Mr. Steve Albright, Public Services Director
Ms. Meredith Guns, Planning Director

KILL DEVIL HILLS -- Street and Drainage Improvements Recommendations

Presented to the KDH Street Improvement and Special Projects Committee on May 8, 2023

May 3, 2023

American Engineering Associates

Streets Upgraded to Excellent Condition Since 2017 (Last Street Grading)

Street Name	Upgrade Project	Length (Miles)
Bay Drive (Avalon-Canal)	Bay Drive Path, Phases 3&4 2017-2019	0.81
Goldie Street (Pine Grove - Quail)	Whispering Pines 2018-19	0.07
Harrington Avenue (Burns - Pine Grove)		0.13
Heather Lane		0.10
Pine Cone Court		0.03
Pine Grove Trail		0.30
Pine Needle Court		0.03
Quail Lane		0.22
Hayman Boulevard (158 - E of Circle)		Hayman-Sixth-Town Hall 2019-2020
Plymouth Street	0.03	
Town Hall Drive	0.41	
Captains Circle	2020-2021 Fall Streets	0.15
Captains Lane		0.16
Cedar Drive (Dogwood - W First)		0.09
Cedar Drive (W First - Captains Lane)		0.05
Teakwood Lane		0.07
Briggs Street		0.14
E Dean Street	2020-2021 Spring Streets	0.06
E Helga Street		0.17
E Martin Street		0.19
W Third Street		0.67
	TOTAL	3.97

TOTAL OF 21 STREETS UPGRADED THROUGH TOWN OF KDH PROJECTS.

AN ADDITIONAL 7 STREETS UPGRADED THROUGH PRIVATE DEVELOPMENT.

Streets That Fell to Poor Condition Since 2017 (Last Street Grading)

Street Name	Length (Miles)
Prospect Avenue	0.19
Sealoft Court	0.03
W Martin Street	0.59
W Ocean Acres Drive	0.29
W St. Clair Street	0.08
TOTAL	1.2

NOTE: Summary Table of Remaining Poor Streets is on Page 4 (4.39 Miles). Projects from 2023-2025 will upgrade 1.19 miles of Poor streets, leaving 3.20 miles from this grading cycle.

Blocks Below Summarize Previous Years' Projects

Note: Older project printed small to save space; more recent ones larger on next page.

				Poor Streets Fixed This Season: 400 ft		Cumulative Length, Poor Streets Fixed
Year	Project	Condition	Length	Status/Comments		
2005 Fall	Project	(May 2003 rating)				
Street		Condition	Length	Status/Comments		
	Eighth Ave (Martin to Airstrip)	Semi-improved	450	Completed		
	Ninth Ave (Martin to Airstrip)	Poor	400	Completed		400
	Culvert repairs	Not applicable		Completed		
2006 Spring	Project	(May 2003 rating)			Poor Streets Fixed This Season: 380 ft	Cumulative Length, Poor Streets Fixed
Street		Condition	Length	Status/Comments		
	West Baum St	Unimproved	600	No Award Spring 05, Fall 05, Spring 06		
	W. Fresh Pond/ W. Lake Drive Connector	Poor	380	Completed		780
	Creek St (Third to Indian)	Drainage	600	Completed		
	Cardinal St (800 Block)	Drainage	425	Completed		
2006 Fall	Project	(May 2003 rating)			Poor Streets Fixed This Season: 3,650 ft	Cumulative Length, Poor Streets Fixed
Street		Condition	Length	Status/Comments		
	Sir Walter Rd	Poor	1,920	Completed		2,700
	Princess Anne Dr (Camellia to First)	Poor	720	Completed		3,420
	Camellia Dr (Sir Walter to Princess Anne)	Poor	350	Completed		3,770
	East Landing Dr (Cove to US 158)	Poor	660	Completed; overlay		4,430
2007 Spring	Project	(2007 rating)			Poor Streets Fixed This Season: 3,520 ft	Cumulative Length, Poor Streets Fixed
Street		Condition	Length	Status/Comments		
	Seagate Ct	Poor	100	Completed		4,530
	Sea Village La	Poor	500	Completed		5,030
	Sea Wing Ct	Poor	100	Completed		5,130
	Raymond Ave (Wilkinson to Arch)	Poor	1,625	Completed		6,755
	Raymond Ave (Arch to Town Line)	Fair 3	600	No Award Spring 07, built 2013		
	E. Chowan St (NC 12 to Raymond)	Poor	595	Completed		7,350
	E. Sothel St (NC 12 to Raymond)	Poor	600	Completed		7,950
2007-08	Project	(2007 rating)			Poor Streets Fixed This Season: 2,350 ft	Cumulative Length, Poor Streets Fixed
Street		Condition	Length	Status/Comments		
	Bay Dr (Nixonton to Town Line)	Poor	2,350	Includes Multi-Purpose Trail		10,300
	Bay Dr (Hayman to Nixonton)(Drainage)	Good	1,300	Drainage only; future trail		
	Various Drainage Projects	(also listed Drainage Only below)				
2008-09	Project	(2007 rating)			Poor Streets Fixed This Season: 4,140 ft	Cumulative Length, Poor Streets Fixed
Street		Condition	Length	Status/Comments		
	St. Louis St (Susan to Bay)	Poor	41.4	1,426 Completed		11,726
	Wallace St (Susan to Lee)	Poor	22.6	717 Completed		12,443
	Truxton St (Lee to Bay)	Poor	43.8	744 Completed		13,187
	Wilkinson St (Lee to Bay)	Poor	44.4	1,253 Completed	2.73	14,440
	Lee Ave (Wilkinson to Cameron)	Fair3	54.0	2,342 Completed		
	Palmetto St (Lee to Bath)	Poor		529 No Award Winter 08, built 2014		
	E Avalon Drainage, Phase 3	(also listed Drainage Only below)	22.0	Complete; New Bern Street portion not awarded Winter 08		
2009-10	Project	(2007 rating)			Poor Streets Fixed This Season: 2,362 ft	Cumulative Length, Poor Streets Fixed
Street		Condition	Length	Status/Comments		
	W First St (Canal to Ketch)	Poor	50.6	566 w/MP Trail; Completed		15,006
	W First St (Ketch to Landing)	Excellent	97.1	1,764 w/MP Trail; Completed		
	W First St (Landing to south end)	Poor	46.1	1,796 w/MP Trail; Completed		16,802
2010-11	Project	(2007 rating)			Poor Streets Fixed This Season: 0 ft	Cumulative Length, Poor Streets Fixed
Street		Condition	Length	Status/Comments		
	Phase 1A completed, stormwater only, on urgent basis					
	Ocean Acres Dr (158 to Copley W)	Fair3	59.0	2,800 Stormwater infiltration only		16,802
	Harrington Lane (OA to Burns)	Good	89.0	250 Stormwater infiltration only		3.18 miles
	Bell Avenue (OA to Burns)	Fair1	71.0	250 Stormwater infiltration only		
	Gunas Dr (portion n of OA)	Fair1	75.0	135 Stormwater infiltration only		
	Burns Dr (short portions)	Fair3	59.0	220 Stormwater infiltration only		
Fall FY 2011-2012	Project	(2007 rating)			Poor Streets Fixed This Season: 950 ft	Cumulative Length, Poor Streets Fixed
Street		Condition	Length	Status/Comments		
	SW AREA (Ocean Acres) Stormwater, Phase 2					
	Ocean Acres Drive	Fair3	59.0	3,050 1.5" Overlay only		17,602
	Ocean Acres Drive	Poor	49.0	800 2" Overlay only		
	Burns Drive	Fair3	60.4	900 stormwater only		
	Harrington Ave (Burns-Gunas)	Fair2	67.0	250 stormwater only		
	Gunas Drive	Fair1	75.0	700 stormwater only		
	Copley Drive	Fair1	77.0	400 stormwater only		
	Jones Court	Poor	43.0	150 2" Overlay only		17,752
	Adjust WM and remove 9 "jumpers"			6,250 0.18 miles Poor		3.36 miles
Spring FY 2011-12	Project	(2007 rating)			Poor Streets Fixed This Season: 1,252 ft	Cumulative Length, Poor Streets Fixed
Street		Condition	Length	Status/Comments		
	Pirates Loop	Poor	47.0	709 full reconstruction; grade change		18,461
	Coral Drive	Poor	48.4	302 full reconstruction		18,763
	Harpoon Drive	Poor	48.4	241 overlay		19,004
				1,252 0.24 miles Poor		3.6 miles
Fall FY 2012-13	Project	(2007 rating)			Poor Streets Fixed This Season: 1,579 ft	Cumulative Length, Poor Streets Fixed
Street		Condition	Length	Status/Comments		
	Parkwood Area (road reconstruction & drainage)					
	Parkwood Dr	Poor	50.4	1,352 full reconstruction		20,356
	Maple Ct	Fair 2	70.0	223 overlay		
	Myrtle Ct	Poor	48.4	227 overlay		20,583
	Elm Ct	Fair 3	52.4	245 overlay		3.9 miles
	Telegraph Ct	Fair 3	52.4	400 overlay		
				4,951 0.30 miles Poor		
Spring FY 2012-13	Projects	(2007 rating)			Poor Streets Fixed This Season: 0 ft	Cumulative Length, Poor Streets Fixed
Street		Condition	Length	Status/Comments		
	Bay Drive Multi-Use Path, Phase 2					
	Bay Drive (Avalon to Wilkinson)	Good	86.2	2,555 full reconstr., first 2 blocks		20,583
	Bay Drive (Wilkinson to Nixonton)	Fair 2	41.7	415 overlay		3.9 miles
	Raymond Ave (Arch to Town Line)	Fair 3	54.0	600		
				3,570 0.00 miles Poor		
FY 2013-14	Project: NW Area 2	Condition (2012 Rating)	Length	Status/Comments		Cumulative Length, Poor Streets Fixed
	Nixonton Street	Poor	42.0	1,039		
	Bath Street	Poor	40.4	948		
	Mary Hill Court	Poor	46.0	367		20,584
	Columbia Avenue	Poor	37.4	777		3.9 miles
	Jean Court	Poor	46.0	374		
	Shiloh Street	Poor	42.0	1,159		
	Truxton Street	Poor	50.0	890		
	Wilkinson St (Columbia to 158)	Fair1	73.0	725		
	Palmetto St (Lee to Bath)(Alternate?)	Poor	22.0	529		
				6,808 1.15 miles Poor		

KILL DEVIL HILLS -- Street and Drainage Improvements Recommendations

May 3, 2023

Previous Years' Projects (continued from previous page)

FY 2014-15 Project: N KHShores						Cumulative Length, Poor Streets Fixed
Condition (2012 Rating)	Rating	Length	Status/Comments			
Memorial Blvd. (Wright-Woodmere)	Poor	29.2	1,965			
Memorial Blvd. (48" pipe replacing ex. culverts)			1,080	1,080' is part of 1,965'		
Aviation Avenue	Excellent	95.6	550		20,585	
Pinehurst Avenue	Fair1	73.6	550		3.9 miles	
Sutton Avenue	Good	81.4	550			
Carlow Avenue	Good	90.8	550			
Raleigh Avenue	Fair2	68.4	945	158 to NC12		
Baker Avenue	Excellent	95.6	550			
Ferris Avenue	Fair1	71.2	550			
			2,910	0.37 miles Poor		
FY 2015-16: Northwest Area, Phase 3, Wrightsville, Memorial, Sioux Drainage and E & W Eighth						Cumulative Length, Poor Streets Fixed
Condition (2012 Rating)	Rating	Length	Status/Comments			
Memorial Blvd. (Baum - halfway to Corrigan)	Poor	37.4	200	bid Sep 14; not awarded		
Wrightsville Blvd (Eighth to north end)	Poor	38.6	738	bid Sep 14; not awarded	20,585	
Cameron Street	Poor	45.4	1,865		3.9 miles	
Susan Drive	Poor	48.4	1,160			
E Eighth Street	Fair3	54.6	1,025	Nags Head 50% share: \$0		
W Eighth St	Fair2	67.0	1,417	Nags Head 50% share: \$100		
			6,405	0.75 miles Poor		
FY 2016-17: Clark/Blue Jay St, Mustian St, Carlton Ave, Cooke Pl, Anchor Ct, Schooner Ct						Cumulative Length, Poor Streets Fixed
Condition (2012 Rating)	Rating	Length	Status/Comments			
W Clark Street	Poor	48.0	1,396	begin Dec 16, complete Apr 17		
Blue Jay Street				begin Dec 16, complete Apr 17	20,586	
Mustian Street	Poor	43.8	1,625	begin Dec 16, complete Apr 17	3.9 miles	
W Carlton Ave	Poor	43.8	401			
Cooke Place	Poor	42.0	262	begin Dec 16, complete Apr 17		
Anchor Court	Poor	44.4	79	begin Dec 16, complete Apr 17		
Schooner Court	Fair2	56.4	200	begin Dec 16, complete Apr 17		
			3,963	0.75 miles Poor		
FY 2017-18: Bay Drive Multi-Use Path, Phases 3 & 4						Cumulative Length, Poor Streets Fixed
Condition (2012 Rating)	Rating	Length	Status/Comments			
Canal Dr, W First to Indian	Good	81.0	1,325		20,586	
Bay, Indian to Avalon	Fair3	58.2	4,275		3.9 miles	
			5,600	0.00 miles Poor		
FY 2018-19: Whispering Pines						Cumulative Length, Poor Streets Fixed
Condition (2017 Rating)	Rating	Length	Status/Comments			
Pine Gove Trail	Poor	46.3	2,170		26,746	
Quail Lane	Poor	42.0	3,160		5.07 miles	
Goldie Street	Fair3	56.4	150			
Harrington Lane (Burns to Pine Grove)	Poor	38.3	510			
Shay Street (Quail to Dean)	Poor	41.0	320			
Pine Cone Court	Fair3	54.0	180			
Pine Needle Court	Poor	42.3	180			
Heather Lane	Poor	46.0	320			
			6,990			
			6,160	1.17 miles Poor		
FY 2019-20: Hayman / Town Hall / Sixth						Cumulative Length, Poor Streets Fixed
Condition (2017 Rating)	Rating	Length	Status/Comments			
Hayman Blvd & Plymouth Ave						
Hayman Cir W to Bay; drainage; overlay	Poor	43.0	3,260		32,556	
Plymouth Ave, overlay	Poor	39.4	180		6.17 miles	
Sixth Avenue & Town Hall Drive						
Town Hall Dr, overlay; drain	Poor	45.4	1,030			
Sixth AV (Airstrip to Baum), overlay & drain	Poor	46.6	1,340	overlay fabric		
			5,810			
			5,810	1.10 miles Poor		
FY 2020-21: Fall and Spring Bid Packages						Cumulative Length, Poor Streets Fixed
Condition (2017 Rating)	Rating	Length	Status/Comments			
First Flight Village 3 / Landings 3						
Cedar Dr, Captains La&Cir, Teakwood Ln	F3 - Poor	48.0	3,460		39,586	
					7.5 miles	
Helga, Briggs, 4th, Martin, Dean						
Briggs St	Poor	47.8	1,030			
East Helga St	Poor	53.0	1,340	narrow width after water project		
East Fourth St	Fair1	74.0	200	bad drainage @ intersection		
East Martin St	Poor	50.1	900	22 w of Memorial		
East Dean St	Poor	50.0	300	0.06 miles Poor		
			7,030	1.33 miles Poor		
FY 2021-22: West Third Street						Cumulative Length, Poor Streets Fixed
Condition (2017 Rating)	Rating	Length	Status/Comments			
W Third St (US 158 to Bay Drive)						
drainage, overlay, WM, SW (158-Creek)	Poor	43.3	1,194		43,367	
drainage, overlay, WM, SW (Creek-Bay)	Fair3	58.6	2,587		8.21 miles	
			3,781	0.72 miles Poor		
FY 2022-23: W. Durham, US 158, and W. Fifth Street						Cumulative Length, Poor Streets Fixed
Condition (2017 Rating)	Rating	Length	Status/Comments			
US 158 Drainage (W Third-W Durham)				pipe ditch w/36" & 30"; regrade ditch; 6" PVC WM	44,127	
				1,830 LF of drainage replaced	8.36 miles	
W Durham St (US 158-Newport News St)	Fair2	64.0	760	18"/15" sock		
			760	0.00 miles Poor		

KILL DEVIL HILLS -- Street and Drainage Improvements Recommendations

May 3, 2023

Drainage Only Areas Completed

(per Albemarle & Associates 2005 Multiyear Drainage Plan & Public Services' Post-Dorian Plan)

Street or Area	Nature of Problem	Status/Comments
06-07, East Avalon, Phase 1	Residential property Flooding	Avalon Street ONLY, not whole project; Completed Fall 04
07-08, Cardinal St	Residential property Flooding	Completed Spring 06
07-08, Creek St	Residential property Flooding	Completed Spring 06
07-08, Cedar Dr	Residential property Flooding	Completed Spring 06
06-07, East Avalon, Phase 2	Residential property Flooding	Completed Winter 07-08
Second St / Princess Anne Dr	Residential property Flooding	Completed Winter 07-08
Martin St / Blue Jay St	Commercial property flooding	Completed Winter 07-08
Baum St / Memorial Ave	Falling CMP, roadway damage	Completed Winter 07-08
East Fresh Pond Dr	Residential property Flooding	Completed Winter 07-08
East Holly St	Open ditch; safety issues	Completed Winter 07-08
08-09, East Avalon, Phase 3	Residential property Flooding	Completed Winter 08-09, except New Bern St
10-11, Southwest Area, Phase 1A	Residential property Flooding	Completed Summer 10
10-11, Southwest Area, Phase 2	Residential property Flooding	Completed Fall 11
14-15, NKHS, Memorial Ditch Phase 1	Falling CMP; develop backbone	Completed Spring 15
15-16, Sioux Street Drainage	Residential property Flooding	Completed Winter 15-16; owners provided easements
18-19, Quail La / Shay / Dean St	Residential property Flooding	Completed w/Whispering Pines Project, 2019
22-23, US 158 - W Third, W Durham	Res. property Flooding upstream	Completed w/Durham&Croatan project Spring 2023
07-08, denotes Plan Year (FY) per Albemarle & Assoc. 2005 Multiyear Drainage Plan, ND = Not Determined		

Drainage Only Areas Remaining

(per Albemarle & Assoc. 2005 Multiyear Drainage Plan & Public Services' Post-Dorian Plan)

Street or Area	Nature of Problem	Status/Comments
Memorial Ave Ditch, Phases 2 & 3	Flooding; culvert failure	Continue 2-mile Master Plan; ocean outfall reliever. Ph. 1 done 14-15. Made low priority with parallel work on Wrightsville

POOR Streets Remaining

(after completion of 2022/23 project)

In "Poor Streets Remaining," streets highlighted with the following colors of shading are recommended on the first page for the following Fiscal Year:	FY 2024-2025 & beyond		Type (Collector or Local Access)
		FY 2023-2024	
RANDOM ST (Concrete)	Poor	512	LA
W. SPORTSMAN DR	Poor	2,997	LA
DOCK ST (Concrete)	Poor	549	LA
SEMINOLE ST (W Third to Indian)	Poor	930	LA
SEALOFT CT	Poor	135	LA
W. ST. CLAIR ST	Poor	435	LA
MEMORIAL BLVD (1228 S to Martin)	Poor	1,540	C
WRIGHTSVILLE BLVD (Goddard to Carolyn)	Poor	5,340	LA
W. MARTIN ST	Poor	3,106	LA
W. OCEAN ACRES DRIVE	Poor	3,000	C
BURNS DR	Poor	3,660	LA
PRROSPECT AVE	Poor	981	
Poor (2022) Streets After 22-23 Project	4.39 miles	23,185 ft	

Director of
Planning and Inspections
MEREDITH GUNS

Building Inspector
MARTY SHAW
CHARLES THUMAN

Code Enforcement Officer
JORDAN BLYTHE



Assistant Director of
Planning and Inspections
CAMERON RAY

Senior Planner
RYAN LANG

Zoning Administrator
DONNA ELLIOTT

THE TOWN OF KILL DEVIL HILLS
NORTH CAROLINA

PLANNING DEPARTMENT

May 8, 2023

Memorandum

To: Street Improvement/Special Project subcommittee

From: Meredith Guns, Planning Director *MRG*

Subject: Citizen Comments/Request

Over the past year staff has received several request for capital road improvements or traffic control devices. Attached are three citizen request for West Sportsman Drive, Eighth Avenue and West Fourth Street.

The 2023-24 Capital Project is already in place due to a change in the 2021-22 West Third Street Project which was expanded to include the entire street and therefore the original project was broken into several fiscal years. This year's project (2022-23) includes drainage improvements on US158 to West Durham and along West Fourth Street, West Fifth Street and West Durham to improve continuous flooding in that area as well as a sidewalk along the first block of West Fifth Street.

The upcoming project (2023-24) has been bid and bids will be reviewed this evening by the Board of Commissioners. This project includes the portions of the original 2021-22 West Third Street project that were deferred including street and drainage improvements to Indian Drive, Seminole Street and Apache Street. The 2024-25 fiscal year project is proposed to be Wrightsville Ave as associated drainage.

The request for stop signs and speed bumps on West Fourth Street and is not consistent with the MUTCD therefore staff would not recommend any action on this request. Staff recommends revisiting the capital request when the subcommittee discusses upcoming capital projects early next year.

Guns, Meredith

From: Albright, Steve
Sent: Wednesday, April 5, 2023 8:26 AM
To: Diane
Cc: Britt, Gary; Harris, Dana; Guns, Meredith
Subject: RE: Speeding on Kill Devil Hills Westside

Good Morning Ms. Barbre,

I am forwarding your message to the Police Chief and Assistant Chief for consideration of additional enforcement of the existing posted speed limit.

The use of stop signs to control speed is not supported by the Manual of Uniform Traffic Control Devices (MUTCD). Similar requests during the past decade have been denied by the Street Improvement Special Projects Committee (SISPC).

Speed bumps are also not appropriate for a 25 MPH roadway.

I have also copied Meredith Guns, Planning Director who can share your concerns with the next meeting of the SISPC.

If you continue to witness speeding, please reach out to the Police Department and they can assist.

Sincerely,

Steve Albright

Public Services Director
Town of Kill Devil Hills
107 Town Hall Drive
PO Box 1719
Kill Devil Hills, NC 27948
Office - 252-480-4086
Fax - 252-441-6136
www.kdhnc.com



-----Original Message-----

From: Diane <diane.barbre@gmail.com>
Sent: Wednesday, April 5, 2023 8:01 AM
To: Albright, Steve <Steve@kdhnc.com>
Subject: Speeding on Kill Devil Hills Westside

I read where the 29 MPH speed limit didn't pass. I agree with that vote not because, as one board member said, "that's creeping" but because Someone who doesn't go 25 isn't going to go 20.

I live on 4th street west and pretty much every car and truck exceeds the speed limit and it's exacerbated by the construction going on. Yesterday I saw some kind of truck with a tank go by at at least 40 miles an hour.

Why not look at options like

Installing stop signs on 4th street at the one cross street and a couple of courts. This action slowed down the traffic on Bay Drive

Install speed bumps. This street needs to be protected from speeders and people coming out of Wawa need to be discouraged from using our street as a detour to avoid the ridiculous traffic that's going to cause.

Everyone in this development deserves at least some efforts to slow down the traffic, as do other west side streets since the Wawa was refused access to the highway.

You need to start thinking about viable options for the board to vote on in addition to lowering the speed limit. The people on the west side deserve that at a minimum.

Diane barbre.
Sent from my iPad

Guns, Meredith

From: Albright, Steve
Sent: Tuesday, June 14, 2022 8:43 AM
To: Guns, Meredith; Dail, Derek; Pete Burkheimer
Subject: FW: Roads and steps

FYI - paving request for gravel street section.

Steve Albright
Public Services Director
Town of Kill Devil Hills
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-----Original Message-----

From: Ben Sproul <ben.sproul@kdhnc.com>
Sent: Monday, June 13, 2022 10:54 PM
To: Vonnie <obxncc@charter.net>
Cc: BOC <boc@kdhnc.com>; Albright, Steve <Steve@kdhnc.com>; O'Dell, Michael <odell@kdhnc.com>; Cipriano, Ross <ross@kdhnc.com>; Diaz, Debbie <debbie@kdhnc.com>
Subject: Re: Roads and steps

Vonnie!

Thank you so much for your compliments about the steps! I will certainly pass on your kind remarks to the team responsible.

I will also forward your observations about Eighth Ave to Public Works and our Streets Committee regarding the paving issue.

I really appreciate you for reaching out to share your thoughts, both complementary and constructive!

All the best,

Ben Sproul
Kill Devil Hills, Mayor

> On Jun 11, 2022, at 6:39 AM, Vonnie <obxncc@charter.net> wrote:
>
> Dear Ben,

> Vonnie Spaeth here (Walter's wife...remember us from the YMCA.)

>

> First, I want to let you know that the steps which were recently replaced at the Martin Street beach access are wonderful! They are much wider than the previous ones, therefore they are much safer. Please pass this along to your workers.

>

> Secondly, can you PLEASE have the paving of the south end of Eighth Avenue put at the top of the list for paving jobs? This is a short stretch of a dead end street off of Martin Street. There are eight year round residents and two summer families who are here most of the season. The dirt and dust we have to contend with is atrocious. We will all appreciate your assistance in getting this issue resolved.

>

> I hope this finds you, Alison and your sons doing well.

>

> Sincerely,

> Vonnie

>

> Sent from my iPad

Guns, Meredith

From: Albright, Steve
Sent: Monday, April 24, 2023 4:53 PM
To: Guns, Meredith
Cc: Dail, Derek
Subject: FW: Kill Devil Hills SISPC

FYI – maybe add this to the Duck concerns on W. Sportsman for the agenda

From: Dail, Derek <derek@kdhnc.com>
Sent: Monday, April 24, 2023 4:25 PM
To: darlene bright <dbright717@gmail.com>
Cc: Albright, Steve <Steve@kdhnc.com>
Subject: RE: Kill Devil Hills SISPC

Good afternoon Darlene,

It has been a long time coming, but we have planned our next SISPC meeting. The next SISPC meeting will be Monday, May 8th at 4:00 p.m. in the Kill Devil Hills Town Hall Commissioners meeting room located at 102 Town Hall Drive, Kill Devil Hills.

You should receive an official notice through the sunshine list and other outlets, but I wanted to send you something in case you did not see the meeting schedule elsewhere.

Sincerely,

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
Office – 252-480-4085
Fax – 252-441-6136
www.kdhnc.com



From: darlene bright <dbright717@gmail.com>
Sent: Thursday, November 17, 2022 11:46 PM
To: Dail, Derek <derek@kdhnc.com>
Subject: Re: Kill Devil Hills SISPC

Derek,

Thank you for taking time today to discuss my concerns regarding W. Sportsman Dr. My husband and I work hard to maintain the curb appeal of our property and many of our neighbors do the same. I think you'll agree, the poor condition of W. Sportsman Dr. and other streets within the Avalon community, does have a negative affect on the way visitors and potential buyers view our neighborhood. I appreciate the process KDHC Public Works uses to assess the streets and infrastructure within our town as you explained. I hope W. Sportsman Dr. will be considered for improvement in the near future.

I am willing to attend future Street Improvements and Special Projects Committee (SISPC) meetings as you suggested. I will also ask the Town to add me to "the sunshine list"

Thank you again for your time and attention today. I look forward to seeing you again in the near future.

Darlene

On Thu, Nov 17, 2022 at 3:55 PM Dail, Derek <derek@kdhnc.com> wrote:

Darlene,

Thanks for stopping by this afternoon and letting us know your concerns regarding the street condition of W. Sportsman Drive. As we discussed the Street projects are selected based upon the Street Inventory Ratings that are conducted every five years and other infrastructure needs identified by Town constituents. The street ratings and street infrastructure needs are evaluated by the Street Improvements and Special Projects Committee (SISPC) that meets as needed, usually two to three times a year, and provides recommendations for future street projects and other special projects to the Board of Commissioners for consideration.

We are currently conducting our Street Inventory Ratings and will these will be presented to the SISPC sometime this winter. If you would like the Town can add you to the "sunshine list" that sends out weekly updates that notifies property owners and other stakeholders to upcoming events, meeting and provides and other important information that needs to be circulated including notifications of SISPC meetings that are open to the public. If you would like to be added to the "sunshine list" please send your request to info@kdhnc.com.

I also have you pinned to my board to remind me to let you know when the next meeting is scheduled.

Thanks,

Derek A. Dail, P.E.

Assistant Public Services Director

Town of Kill Devil Hills

107 Town Hall Drive

PO Box 1719

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Office - 252-480-4085

Fax - 252-441-6136

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Guns, Meredith

From: Albright, Steve
Sent: Friday, February 17, 2023 2:26 PM
To: Guns, Meredith
Cc: Ray, Cameron; Dail, Derek
Subject: June Duck - W. Sportsman Drive

Good Afternoon Meredith,

June Duck requests notification prior to the next SISPC meeting. She would like to attend to speak on the need for W. Sportsman improvements and consideration of converting to one way traffic. 757-575 4218. jmduck01@gmail.com

Thank you,

Steve Albright

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