



TOWN COUNCIL MINUTES

REGULAR MEETING

Monday, March 21, 2022 @ 6:00 p.m.

The Kure Beach Town Council held its regular meeting on Monday, March 21, 2022 at 6:00 p.m. The Town Attorney was present and there was a quorum of Council members present.

COUNCIL MEMBERS PRESENT

Mayor Craig Bloszinsky
MPT Allen Oliver
Commissioner John Ellen
Commissioner David Heglar
Vacant Seat

COUNCIL MEMBERS ABSENT

STAFF PRESENT

Police Chief – Mike Bowden
Fire Chief – Ed Kennedy
Recreation Director – Nikki Keely
Building Inspector – John Batson
Finance Officer – Arlen Copenhaver
Public Works Director – Jimmy Mesimer
Town Clerk – Mandy Sanders

Mayor Bloszinsky called the meeting to order at 6:00 p.m. and Commissioner Ellen gave the invocation and Pledge of Allegiance.

APPROVAL OF CONSENT AGENDA ITEMS

1. Accept the resignation of Deborah Hutchings from the Community Center Committee
2. Accept the resignation of Connie Mearkle from the Board of Adjustment
3. Appoint Bill Mahon, Pam Hicks, and Deyanira Rossell to the Marketing Committee as full members
4. Approve the Sponsorship in the amount of \$500 for the NCBIWA Spring Meeting and for MPT Oliver and Commissioner Ellen to attend in Emerald Island on May 5-6, 2022
5. Approve Budget Amendment 22-07 totaling \$23,730 for extension of the lifeguard season to provide for a beach patrol from April 1st to Memorial Day and to increase the hourly pay rate for lifeguards
6. Approve the FY 21-22 Revised Fee Schedule to include a \$2,000 maximum for the Storm Water Fee relating to ground covering expansion/addition and to add a \$85 Fire Permit Fee for underground/Aboveground Tank Removal/Abandonment
7. Approve Little Pink Houses of Hope/The Island Men to use the Ocean Front Park Pavilion on Thursday, April 28, 2022 from 9am until 2pm at no cost
8. Minutes:
 - February 21, 2022 Regular
 - February 4, 2022 Retreat



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Monday, March 21, 2022 @ 6:00 p.m.

MOTION- Commissioner Heglar made a motion approve the consent agenda as presented

SECOND- MPT Oliver

VOTE- Unanimous

ADOPTION OF THE AGENDA

MOTION- MPT Oliver made a motion to approve the agenda as presented

SECOND- Commissioner Heglar

VOTE- Unanimous

PUBLIC COMMENTS

Amy Pervis at 802 Largo Way read a letter regarding Pickle Ball Courts that is hereby incorporated into the minutes.

Judy Larrick at 645 Settlers Lane read a letter regarding the Draft Master Bike/Ped Plan that is hereby incorporated into the minutes

PRESENTATIONS

1. Jason Reyes, Alta Planning + Design - Presentation of Master Bike/Ped Plan

Jason Reyes gave a presentation on the Master Bike/Ped Plan that is hereby incorporated into the minutes.

Mayor Bloszinsky commented this plan has 30 pages and this was only a brief review of the plan. He recommends citizens review the details of the plan regarding the sidewalks, crosswalks etc. There is more than one bike path identified in the plan. Thank you to the Bike/Ped Committee for all the work that has gone into the plan and to Alta Planning.

2. Megan Matheny, Cape Fear Public Transportation Authority-Wave Transit

Megan Matheny gave a presentation on the Cape Fear RideMICRO Service that is hereby incorporated into the minutes.

3. Island Women, Presentation of Check for the Traffic Garden Event

Eline Clute with Island Women presented the check to Mayor Bloszinsky in the amount of \$500 for the Bike/Ped Committee to hold the Traffic Garden Event.



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DISCUSSION AND CONSIDERATION OF COMMITTEE BUSINESS

1. Bike Ped Committee

Bike/Ped Chair Linquist:

- The draft Bike/Ped Master Plan comments are being received till March 28th
- Last week a few members of the Bike/Ped Committee and MPT Oliver met with the NCDOT to receive more input on the lighted crosswalk signs
- The Committee addressed issues on adding additional crosswalks farther south in Town and the NCDOT was great to work with on this potential project
- The Bike/Ped Committee will be hosting the Traffic Garden Event on April 9th to teach children about road safety
- The Island Women will be volunteering at the event and if any citizen would like to volunteer please let the Committee know

2. Board of Adjustment

Interview applicants - One Full member Position and One Alternate Position

- Scott Selig
- John Nadeau

MOTION- Commissioner Heglar made a motion to appoint John Nadeau as a full member and Scott Selig as an alternate member of the Board of Adjustment

SECOND- MPT Oliver

VOTE- Unanimous

3. Historical Preservation Commission

- Discussion of allowing Students to do Community Service Hours for HPC to create an inventory of homes built before 1972 in Town

HPC Chairman Galbraith commented he was approached by a few high school students who would like to complete service hours for the Town. One of the items the Commission is working on is identifying historic properties in Town. The Town does not currently have an updated list of all the Historic properties throughout Kure Beach. The Commission was thinking the students could earn service hours by creating a list of the Historic buildings that are older than 50 years by driving around Town and then checking the deeds of the property.

Mayor Bloszinsky asked what risk would the Town have if any person got hurt?

Attorney Eldridge commented that would be covered under the hold harmless agreement each student would be required to sign.



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MOTION- MPT Oliver made a motion to authorize the Historic Preservation Commission to allow the students to complete the service hours for the Commission with the understanding each student would sign the Hold Harmless agreement waiver

SECOND- Commissioner Heglar

VOTE- Unanimous

4. Land Use Plan Committee

Chairperson Galbraith stated the Committee will meet this Wednesday with the Council of Government.

5. Planning and Zoning Commission

- Continued Discussion of 6 Foot Fences in the Side Yard

PZC Chairperson Galbraith commented a proposed text amendment regarding fences in the side yard was brought forward to PZC and the Commission recommended that Town Council not approve as presented. He spent some time doing research that he presented last month regarding what other similar Towns ordinances are for side yard fences. The PZC at the last meeting felt that the Sunset Beach ordinance would be acceptable. Rather than using the property line use the building. The Commission also thought that if the property is adjacent to a commercial building than it would be acceptable to have a 6-foot fence.

6. Shoreline Access and Beach Protection

- Discussion of Sea Oats to be placed on new Sand Dunes near Ocean Dunes (Chairman Panicali)

Chairman Dennis Panicali commented:

- The Committee is requesting for the Town to purchase sea oats near Ocean Dunes
- The dunes that were instructed recently were donated by Bledsoe construction which was around 1,500 feet total
- The downside is the area is prone to erosion, but worth while to stabilize the dunes
- If purchased Bledsoe construction has volunteered to install the sea oats

MOTION- Commissioner Heglar made a motion to purchase Sea Oats not to exceed \$9,000 from account designated by the Finance Officer for the Ocean Dunes area

SECOND- Commissioner Oliver

VOTE- Unanimous



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- Approve the Purchase of Beach Signs for the Shoreline Access and Beach Protection Committee

MOTION- MPT Oliver made a motion to approve the estimates of the beach signs for the Shoreline Access and Beach Protection to purchase

SECOND- Commissioner Heglar

VOTE- Unanimous

8. Stormwater Oversight Committee

Commissioner Heglar commented the Committee is still waiting on the state to update the permit renewal approval. He is requesting permission for the Public Works Director Mesimer and himself to work with an engineer to receive quotes for review and approval of stormwater permit transfers as these will now be done by Kure Beach instead of the state.

CONSENSUS- Town Council authorized Public Works Director Mesimer and Commissioner Heglar to work with an engineer to receive quotes for review and approval of Stormwater permit transfers

DISCUSSION AND CONSIDERATION OF DEPARTMENT HEAD BUSINESS

1. Administration

- Parking Consideration for Little Pink Houses of Hope/The Island Men event
- Discussion of Phone systems for meetings

Town Clerk Sanders stated:

- She received a request from the Little Pink Houses of Hope/The Island Men to receive free parking for 12 families and 5 volunteers for the week of April 24th- April 30th
- The Town sponsored them last year by allowing free parking for one day but the request this year is for the whole week to be able to do family portraits throughout the entire week
- Kure Beach Baptist Church has also requested free parking to hold blood drives in April, June, and August during the paid parking season which will be alternate months from the Community Center
- The first blood drive would be held on April 18, 2022 and the church is requesting 15-20 spaces from 8am to 5pm
- The church would provide the signs for the free parking
- The last item is she would like to request that for Public Information Sessions and Legislative Hearings to no longer use the call option unless an individual submits a special request to have the call in information available



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MOTION- Commissioner Heglar gave permission to Town Clerk Sanders to approve the request for the free parking passes for 12 families and 5 volunteers for the week of April 24th-April 30th 2022

SECOND- Commissioner Ellen

VOTE- Unanimous

MOTION- MPT Oliver made a motion to approve 15-20 free parking spaces for the months of April, June, and August for the Kure Beach First Baptist Church to hold blood drives

SECOND- Commissioner Heglar

VOTE- Unanimous

MPT Oliver commented he would like to remove remote participation for all meetings moving forward and return to the pre Covid way of handling meetings. The building is ADA accessible and he would rather the public attend the meetings in person as it is easier to hear.

Commissioner Ellen stated he agrees with MPT Oliver.

Commissioner Heglar commented that is not what Town Clerk Sanders is requesting at this time. Can the Committees still have the option to call-in?

Attorney Eldridge commented the Committees can still use the remote participation under the State of Emergency the Town is under.

MPT Oliver stated maybe the Town Council needs to review this next month after reviewing all the options possible.

Mayor Bloszinsky commented he would like time to review the information and hold conversation on it next month after hearing the options.

CONSENSUS- Town Clerk Sanders to bring forward a memorandum regarding remote participation for the Public and Committee/Commission/Board members

2. Building Inspections Department
 - Proposed Text Amendment Application - 11.14.010 Restrictions (Exemptions)

Building Inspector Batson commented:

- The Beach Nourishment Public Information was held last Monday and since then received an update that from J Avenue to Davis will be receiving sand
- The projected date to start is still March 27th for Kure Beach and completed by April 30th



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- The contractors were at Davis Beach Road this afternoon placing mats to protect the hazardous ramps
- Regarding the original text amendment that PZC denied recommending at the last months PZC meeting there was a lot of discussion
- The Applicant has since submitted a new amended text amendment that is included in the agenda packet tonight
- The amendment reads “Side yard fence may be raised to 6 feet in height when unusual property circumstances exist such as nonresidential uses or public parking is adjacent to the specific property/lot line in question”
- This certainly helps the applicant and other properties in Town, and he believes it is better than what is currently in the Code
- He does feel the original text amendment was more evenly applied across the jurisdiction and that everyone was treated the same regarding house placement, but he is glad to see some changes

MPT Oliver asked how far up the side yard would the applicant be allowed to put the fence?

Building Inspector Batson answered the way this reads the entire property line.

Commissioner Heglar commented wouldn't it be to the front of the property based on the definition of the side yard. Would the applicant be allowed to go to the front yard setback or to the side of the front part of the property?

Building Inspector Batson stated to the front yard setback.

MOTION- Commissioner Heglar made a motion to approve the amended proposed text amendment to Chapter 11 - 11.14.010 Restrictions (Exemptions) as presented

SECOND- MPT Oliver

VOTE- Unanimous

3. Fire Department

Fire Chief Kennedy stated:

- Building Inspector Batson and himself have worked to put several quotes together regarding tearing down and rebuilding the lifeguard shack
- After receiving several quotes for all parts of the project the final estimate is \$47,000 which includes the engineer plans but does not include the 20% contingency on materials
- He is requesting Town Council approval so the project can be completed within the month



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Building Inspector Batson commented he wants to make sure Town Council is aware that Fire Chief Kennedy and himself will be acting as contractors to the Town. He will have the Carolina Beach Building Inspector review the plans and handle the permit and inspections. There will also be a dumpster downtown and Town staff will be blocking 5 parking spaces to complete the work.

MOTION- Commissioner Heglar approved the Budget Amendment 22-08 in the amount of \$47,500 for the replacement of the Lifeguard Shack

SECOND-MPT Oliver

VOTE- Unanimous

4. Public Works Department

Public Works Director Messimer commented Civil Solutions finished the project for the pipe last week at Town Hall. Civil Solutions will be coming back to camera other parts of Town in the future.

Mayor Bloszinsky commented he spoke with the Beach Walk HOA and the HOA is very pleased with the work completed by Civil Solutions.

5. Recreation Department

- 75th Celebration Proclamation

Recreation Director Keely commented the Town Attorney has drafted a celebration proclamation that proclaims April of 2022 the month to honor Kure Beach's Anniversary.

MOTION- Commissioner Ellen made a motion to approve the 75th Celebration Proclamation as presented

SECOND- MPT Oliver

VOTE- Unanimous

DISCUSSION AND CONSIDERATION OF OLD BUSINESS

None.

DISCUSSION AND CONSIDERATION OF NEW BUSINESS

1. Interview applicants for the Town Commissioner Vacancy

- Brad Moody
- Connie Mearkle
- Craig Galbraith



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Monday, March 21, 2022 @ 6:00 p.m.

- Dennis Panacali
- Edward Pomeroy
- Tim Hilbrook

Mayor Bloszinsky commented Brad Moody, Edward Pomeroy and Tim Hilbrook are not present.

Candidates Connie Mearkle, Dennis Panicali, and Craig Galbraith introduced themselves and gave a brief overview of their experience to the audience.

MOTION- Mayor Bloszinsky made a motion to appoint Dennis Panicali as the Commissioner for the Town of Kure Beach

SECOND- Commissioner Heglar

VOTE- Unanimous

3. Oath of Office for new Town Commissioner

Town Clerk Sanders gave the oath of office to Dennis Panicali as the new Town Commissioner for the Town.

Commissioner Panicali took his seat at the dais.

4. Reschedule the April Town Council Meeting

MOTION- Commissioner Ellen made a motion to reschedule the April Town Council meeting to April 25, 2022 at 6:00 p.m.

SECOND- MPT Oliver

VOTE- Unanimous

5. Reschedule the May Town Council Meeting

MOTION- MPT Oliver made a motion to reschedule the May Town Council meeting to May 23, 2022 at 6:00 p.m.

SECOND- Commissioner Ellen

VOTE- Unanimous

6. Free Yard Waste Pick Up (MPT Oliver)

MPT Oliver commented he has had residents request if the Town was going to do the Free Yard Waste Pickup this year. In the past Public Works Department has tracked so it is only one free pickup per household.



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Commissioner Heglar stated he is not in favor. There is already a process for bulk pickup, and he wants it known he does not support.

MPT Oliver stated he will support Commissioner Heglar and not support.

MOTION- MPT Heglar made a motion to not hold the Free Yard Waste Pickup

SECOND- Commissioner Ellen

VOTE- (For) Mayor Bloszinsky, MPT Oliver, Commissioner Heglar, Commissioner Ellen –
(Against) Commissioner Panicali

7. Text Amendment Procedures

Attorney Eldridge stated:

- Previously he felt PZC should have an expanded role and the Code should set forth a procedure for amending the code that do not constitute zoning regulations
- After reviewing the Code, it is his opinion that the only addition to PZC's review and recommendation duties should be to include proposed amendments to the subdivision regulations
- The proposed amendment provides a clear procedure to follow when amending the code and allow Town Council or Department Heads to refer a proposed text amendment to PZC for review and comment

MOTION- Commissioner Heglar made a motion to approve the Proposed Text Amendment to 14.04.030 (Amendments) and 01.04.070 (Amendments to the Code) as presented

SECOND- MPT Oliver

VOTE- Unanimous

MAYOR UPDATES

None.

COMMISSIONER ITEMS

None.

CLOSED SESSION

None.



TOWN COUNCIL MINUTES

REGULAR MEETING

Monday, March 21, 2022 @ 6:00 p.m.

ADJOURNMENT

Mayor Bloszinsky adjourned the meeting at 8:33 p.m.

ATTEST: Mandy Sanders, Town Clerk

Craig Bloszinsky, Mayor

NOTE: These are action minutes reflecting items considered and actions taken by Council. These minutes are not a transcript of the meeting. A recording of the meeting is available on the town's website under [government>agendas&minutes](#)

Greenway Ext to Town Hall

(Comments to KB Town Council, 3/21/22)

Tonight you will hear a presentation by Alta, for WMPO, on the Draft KB Bicycle & Pedestrian Plan. This plan includes proposed bike paths (so-called Greenway) in Motsu fire break land behind Settlers Lane to Town Hall (p. 12,13) as well as an extension to Fort Fisher. Since only one Council member remains today from 2004 when WMPO first presented this same bike path to KB Council, I want to remind you of the actions and concerns at that time. Approx. 50-75 KB residents showed up in opposition to this proposal behind our homes because of issues of security, safety, privacy, environment, wildlife, costs, lack of police presence, and potential fire hazards. The Council, Police Dept and Fire Dept unanimously agreed and rejected the path. It was revisited again in 2010, 2014, 2016 with the same result. But it was approved, and later built, by CB. However before construction, even the Town of CB relocated the original path away from behind the homes in Carolina Sands due to the resident's objections and concerns.

And today, the majority of residents along Settlers Ln in KB Village, Keys, and Beach Walk are still opposed to this path and, yes, "passionately express our concerns". We also are opposed to Settlers and other neighborhood streets becoming designated bike routes, funneling riders onto a few streets, rather than embracing and acknowledging all the neighborhood streets available to bikers in KB. It's easy for many people to be in "favor" when it does not directly impact their happiness, property, privacy, safety, well-being or taxes! In 2004 and still today, the most logical solution is an OFF-ROAD (And I emphasize Off-Road) Bike Path along Dow Rd right-of-way connecting from CB State Park off-road bike path to KB Joe Eakes Park on K Ave. There were significant numbers of people at the public meetings in favor of this option as well. It provides the same desirable connections to "destinations north and south along the island" as stated in this Draft. It is not, however, given consideration in this draft as it's "less viable due to current Motsu restrictions of use" (p.14). Yet the same "Motsu restrictions of use" exist behind Settlers, in Ft. Fisher as well as all Motsu land. In my opinion, WMPO has never even seriously pursued or considered this option.

This draft further proposes a bike path Extension (p.14, 15) to Fort Fisher again shown through Motsu land from Seventh Street, through FF Air Force Recreation Area (FFAFRA) to FF State Historic Site. However, FFAFRA land is owned, not by MOTSU, but by Seymour Johnson Air Force ~~and the NC National Guard~~, while NC State owns the Historic Site land. And again in 2004 both FFAFRA and the Historic Site adamantly declared to WMPO that their land could NOT be accessed with a bike path.

With this bike path frequently revisited in the past 18 years, I believe it's time to put it to rest permanently. This area behind Settlers is maintained by Motsu as a fire lane and should remain a fire lane, not a fenced in bike path. How then could it possibly function in the event of a fire? Last year, for the first time ever, Motsu, in response to the Town's concern for fire risk, cleared not only the fire lane as usual, but most of the vegetation and trees on the east side behind the homes on Settlers negatively also impacting flooding issues. This draft recommends "native landscaping and trees" to provide privacy, but it's also too late for that now! In addition, the Town is also aware of other issues with this land including wet lands flooding, remains of the old Dow plant, costs, etc. I don't know the legal responsibilities for a bike path Plan approved by KB Council, but it certainly seems to me inappropriate for the Town to approve plans for land they do not own. Therefore, I believe the "Island Greenway Extension to Town Hall and Extension to Fort Fisher" should both be eliminated from this Plan entirely and put an end to these endless discussions.



Judy Larrick

645 Settlers Ln, Kure Beach

Good Evening Mr. Mayor and Town Council members. My name is _____ and I am here tonight to speak on behalf of the Kure Beach Pickleball players, a group of 85 plus PB enthusiasts who play on a daily basis at Joe Eakes Park. The KBPB group is a welcoming group comprised of players of all skill levels. Our player base consists of Kure Beach and surrounding area residents, vacation owners, and tourists.

Pickleball is the fastest growing sport in America. It is fun, social, and easy to learn. It is one of the only sports where the whole family from kids, to parents, to grandparents can play together and

have a blast. In the past four years we have witnessed this same growth and enthusiasm for Pickelball at Joe Eakes Park.

Due to having to share court space with tennis and basketball players our court space is limited. Although we have access to 5 courts due to the number of nets we have, we are guaranteed only access to two courts. The basketball courts where we play most of our games are not ideal for Pickleball. The rocks surrounding the courts are trip and fall hazards and the sand from the dog park and bleacher area are slip hazards.

The town of Kure Beach through the Parks and Rec Dept. is actively seeking ways to grow the sport. We applaud their efforts and strongly support any plan that would grow the sport in our ~~area~~ ^{Town}. Unfortunately Pickleball growth at Joe Eakes Park would be hindered with our current limited court situation.

Therefore we stand before you tonight requesting the Town of Kure Beach add three dedicated Pickleball Courts to ^{Joe Eakes Park} allow the vision of the Town and the enjoyment of the ~~KBBP~~ ^{all PB} players of be recognized.

We are aware of the License agreement with MOTSU and the challenges involved to make changes or improvements to the park. Carolina Beach did some major improvements to their dog park and added two ~~large~~ utility buildings at the Mike Chappell Park, a MOTSU licensed park in the past year. If CB can go thru the protocols and procedures to make improvements to their Park why can't we?

Wrightsville Beach just approved the addition of 5 dedicated Pickleball courts using a PARTF (Parks and Recreation

Trust Fund Grant) If WB can go thru the application and filing process to secure grants, why can't we?

We have identified the ideal location within the Joe Eakes Park campus for 3 dedicated Pickleball courts. The North ^{That would not disturb the courts in vicinity} end of the cordoned off area containing the Well house. ^{We} know there are setback restrictions concerning the Well house. In a visual observation of several other Well houses around Kure Beach it appears that our courts would be ^{outside} ~~inside~~ the current observed setbacks to impervious surfaces.

The absolute best place for new courts would be on the unused ball field

4

It is our sincere hope that you will give our request serious consideration and help our group and the town of KB to add a much needed amenity to our Park and our Town.

Thank you on behalf of the KBPB

PADDLES UP!!!!

Kure Beach Bicycle and Pedestrian Plan

Draft Plan Presentation
March 21, 2021



WILMINGTON URBAN AREA
METROPOLITAN PLANNING ORGANIZATION

alta

Presentation Outline

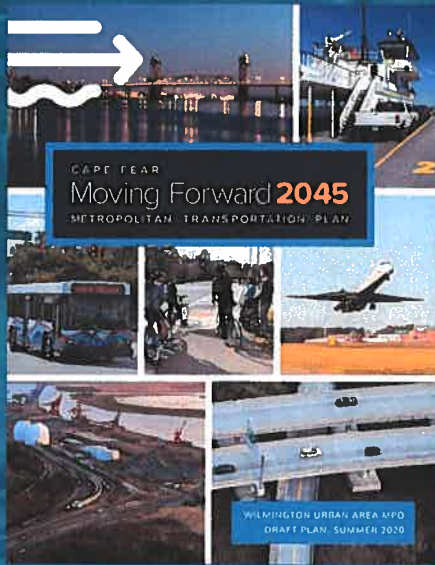
1. Background
2. Public Engagement Process Overview
3. Projects
4. Additional Resources Included in the Plan
5. Next Steps

Background



WILMINGTON URBAN AREA
METROPOLITAN PLANNING ORGANIZATION

Kure Beach Pedestrian & Bicycle Committee *2020 Walk Audit Report*



Kure Beach Pedestrian & Bicycle Committee Walk Audit

<ul style="list-style-type: none"> • Committee Members • Mo Linquist, Chair • Candy Ashton-Forrester, Secretary • Donald Boman • Eileen Clute • Cindy Maier • Matt Sakurada • Steve Shumate • Garner Von Cannon • Allen Oliver, Town Council Representative 	<ul style="list-style-type: none"> • Contents • Overview of Process • Street Maps • Ratings and Observations • Recommendations
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Background

ACKNOWLEDGMENTS

Thank you to the 400+ local residents of Kure Beach that participated in the development of this plan through public workshops, online maps, and comment forms. Special thanks to the community leaders, town staff, and committee members listed below.

TOWN COUNCIL:

Craig Bloszlnsky, Mayor, Town of Kure Beach
Allen Oliver, Mayor Pro Tem, Commissioner & Recreation Liaison, Town of Kure Beach
John Ellen, Commissioner, Town of Kure Beach
David Heglar, Commissioner, Town of Kure Beach

TOWN OF KURE BEACH STAFF:

John Batson, Building Inspector
Mike Bowden, Police Chief
Arlen Copenhaver, Finance & Budget Officer
Sean Geer, Recreation Coordinator
Nikki Keely, Director of Recreation
Ed Kennedy, Fire Chief
Jim Meslmer, Director of Public Works
Mandy Sanders, Town Clerk

TOWN OF KURE BEACH BIKE/PED COMMITTEE:

Mo Linquist, Chair	Cindy Maler Steve
Candy Ashton-Forrester	Shumate Garner
Jerry Clark	Von Cannon
Eileen Clute	

REGIONAL PLANNERS AND PROJECT CONSULTANTS:

Abby Lorenzo, Wilmington Urban Area MPO
Jessi Leonard, NCDOT Division 3
Jason Reyes, Alta Planning + Design
Stephen Bzomowski, Alta Planning + Design
Lucy Laird, Alta Planning + Design

Engagement Process Overview

3-Day Charrette, Fall 2021

- Two public open houses attended by over 100 community members

Online Input Map

- Comments highlighted barriers to walking & biking, plus key destinations

Online Public Survey

- 444 responses received; respondents were able to rank potential projects and key destinations



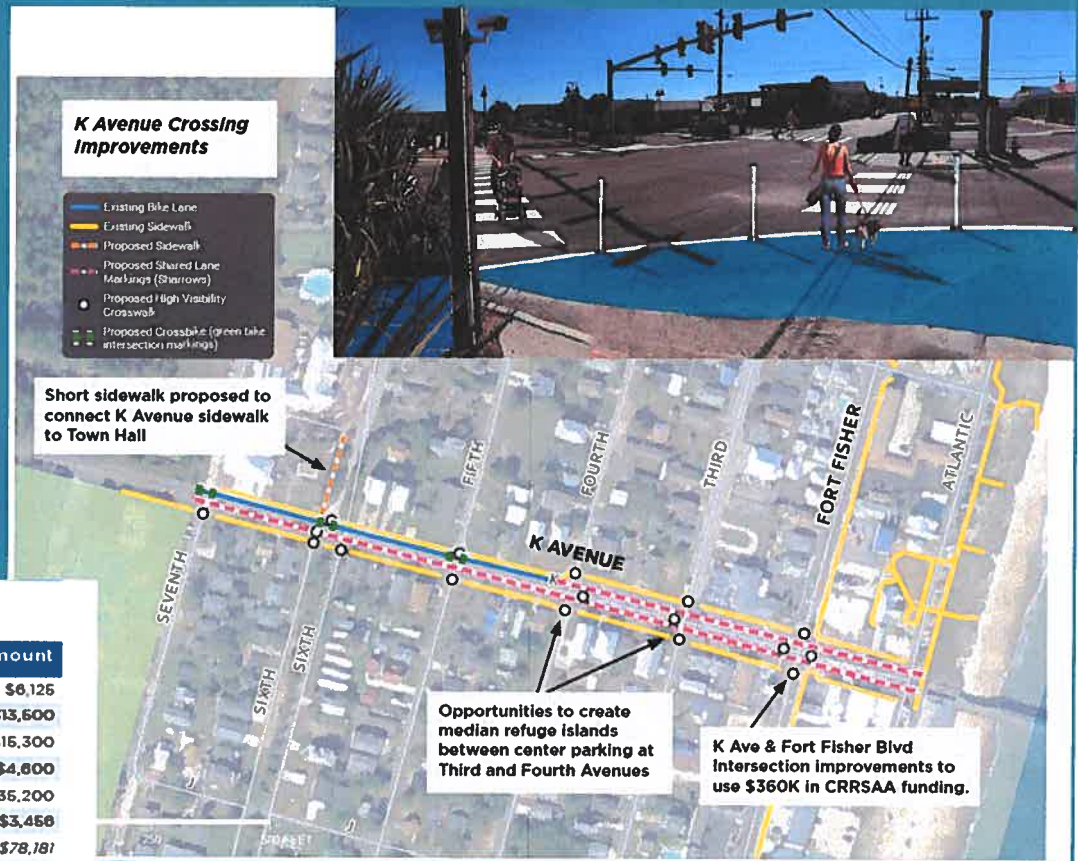


Projects

alta

Project: K Avenue Crossing Improvements

- Crossing improvements recommended at Fort Fisher Blvd and Third, Fourth, Fifth, Sixth, and Seventh Avenues
- Recommendations include high-visibility crosswalks with median refuges and bulb-outs.



PLANNING-LEVEL COST ESTIMATES

Item Description	Quantity	Unit	Unit Price	Amount
Sidewalk (5 ft wide)	175	LF	\$35	\$6,125
Sharrows	27	EA	\$500	\$13,600
Crosswalk	17	EA	\$900	\$15,300
Flexible Delineator	40	EA	\$115	\$4,600
Painted Curb Extensions (8)	4400	SF	\$8	\$35,200
Crossbike Treatment	3	EA	\$1,152	\$3,456
			<i>Sub Total</i>	<i>\$78,181</i>
			<i>Total</i>	<i>\$101,635</i>
			Estimated Range	\$100-120K**





Project: Short Island Greenway Connection

- Connects existing Carolina Beach Island Greenway to Kure Beach neighborhoods

Existing conditions looking north to Spot Lane



Existing conditions looking south to Settlers Lane



PLANNING-LEVEL COST ESTIMATES

Item Description	Quantity	Unit	Unit Price	Amount
Shared Use Path (10 ft wide)	1200	LF	\$150	\$180,000
			<i>Sub Total</i>	<i>\$180,000</i>
			<i>Total</i>	<i>\$234,000</i>
			Estimated Range	\$230-\$250K*



Project: Island Greenway Extension to Town Hall/K Ave

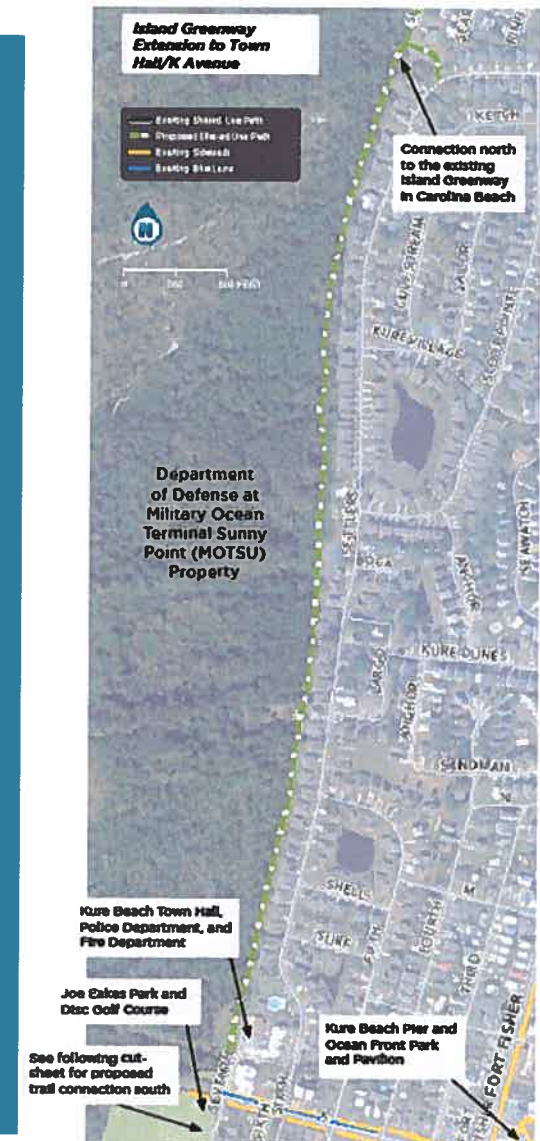
- Continuation of greenway extension in prior project
- Provides a safe way for pedestrians & cyclists to travel north to south in Kure Beach, while avoiding Fort Fisher Blvd

Existing conditions along the fire break corridor on MOTSU property



PLANNING-LEVEL COST ESTIMATES

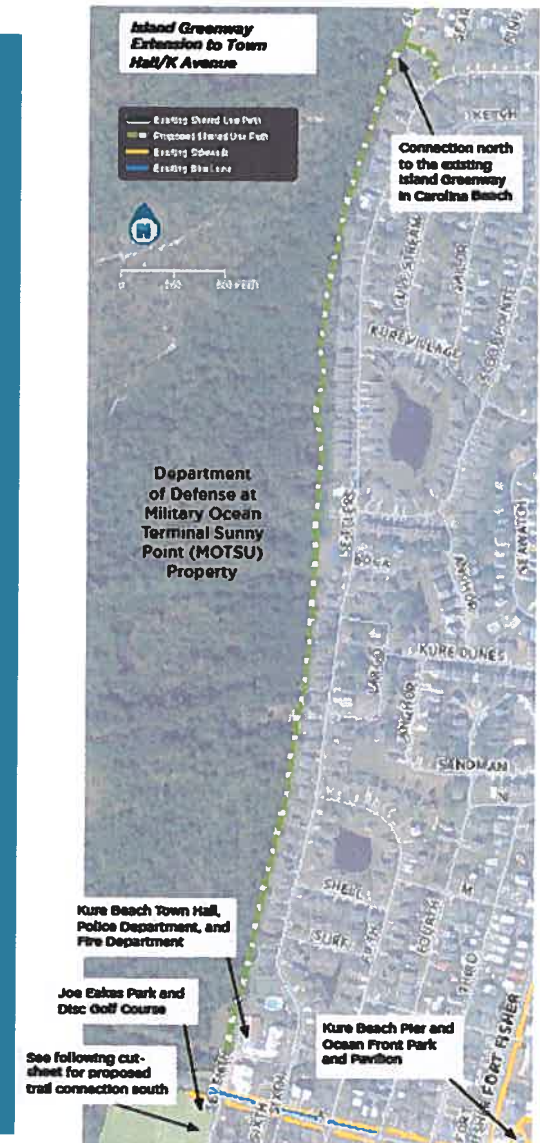
Item Description	Quantity	Unit	Unit Price	Amount
Shared Use Path (10 ft wide)	5250	LF	\$150	\$787,500
			Sub Total	\$787,500
			Total	\$1,023,750
			Estimated Range	\$1-\$1.2M*



Project: Island Greenway Extension to Town Hall/K Ave

If built, this trail should:

- Aim to preserve the natural feel of the corridor; construction of the existing Island Greenway north of Kure Beach had a wider footprint in the construction process than may be necessary;
- Be designed to decrease rather than increase currently reported drainage issues;
- Be designed to add native landscaping and trees between the trail and homes to provide privacy (some homes do not currently have privacy or landscape screening from the corridor);
- Be designed with mile-markers for safety and wayfinding; and
- Have a well-defined and adequately funded maintenance and management plan in place.



Project: Island Greenway Extension to Ft. Fisher

- Continues Island Greenway extension to proposed Fort Fisher Blvd Sidepath
- Provides connection to key destinations for cyclists and pedestrians

PLANNING-LEVEL COST ESTIMATES

Item Description	Quantity	Unit	Unit Price	Amount
Shared Use Path (10 ft wide)	13,405	LF	\$100-200	\$2,395,850
Sub Total				\$2,395,850
Total				\$3,114,605
Estimated Range				\$2-\$3.5M*

*See call out box on page 8: "How to Use Estimated Cost Ranges in this Plan"

PLANNING-LEVEL COST ESTIMATES (ALTERNATE ALIGNMENT)

Item Description	Quantity	Unit	Unit Price	Amount
Shared Use Path (10 ft wide)	11,205	LF	\$100-200	\$1,972,350
Sub Total				\$1,972,350
Total				\$2,564,055
Estimated Range				\$2.5-\$2.8M*



Project: Bicycle Lane Crossing Improvements

- Will improve safety for cyclists at intersections on Fort Fisher Blvd



PLANNING-LEVEL COST ESTIMATES

Item Description	Quantity	Unit	Unit Price	Amount
Crossbike Treatment	27	EA	\$1,152	\$31,104
			Sub Total	\$31,104
			Total	\$40,435
			Estimated Range	\$40-50K*



Project: Westside Signed Bike Route

Recommendations include a combination of wayfinding signage and shared-lane markings or “sharrows” along this route.

Example of a shared lane marking



Different examples of bicycle route wayfinding signs



PLANNING-LEVEL COST ESTIMATES

Item Description	Quantity	Unit	Unit Price	Amount
Sharrows	35	EA	\$500	\$17,500
Bike Route Signage	20	EA	\$350	\$7,000
			<i>Sub Total</i>	<i>\$24,500</i>
			<i>Total</i>	<i>\$31,850</i>
			Estimated Range	\$30-40K*



Project: Fort Fisher Blvd Sidepath Feasibility Study

- Sidewalks are narrow & uneven
- Explore the feasibility of:
 - Adding new sidewalk/sidepath on the west side of the street (higher-cost); or
 - Mark existing parking space for pedestrian/cyclist use



Existing conditions along Fort Fisher Blvd on the east side of the street (looking north).

Existing conditions along Fort Fisher Blvd on the west side of the street (looking south).



Example of an "armadillo buffer" being used to buffer on-street space for bicycling.



Project: Fort Fisher Blvd Crossing Improvements

Pair high visibility crosswalks with flashing beacons to reduce the likelihood of pedestrian crashes along Ft. Fisher Blvd

Example of the recommended flashing beacons for beach access points (in Carolina Beach)



PLANNING-LEVEL COST ESTIMATES

Item Description	Quantity	Unit	Unit Price	Amount
RRFB (pair)	7	EA	\$24,000	\$168,000
			Sub Total	\$168,000
			Total	\$218,400
			Estimated Range	\$215-250 K*



Project: Fort Fisher Blvd Sidepath (E Ave to State Historic Site)

Provide access for people walking & biking to Fort Fisher State Historic Site & Recreation Area, NC Aquarium, Ferry, and more.

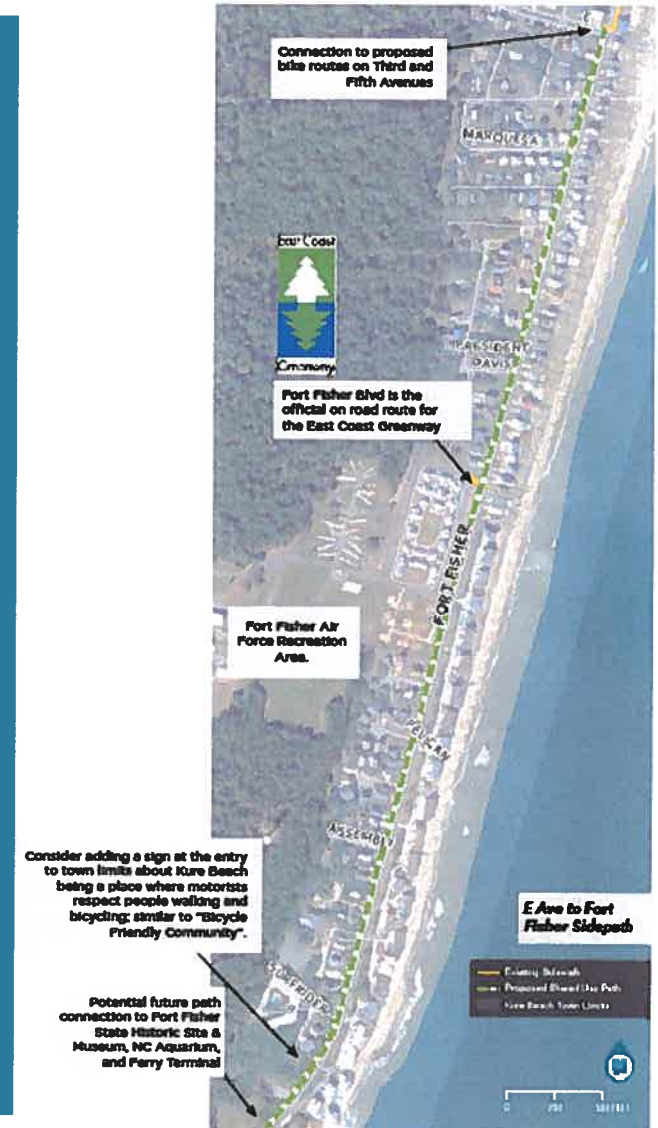
Existing conditions along Fort Fisher Blvd



Conceptual example of a sidepath along Fort Fisher Blvd

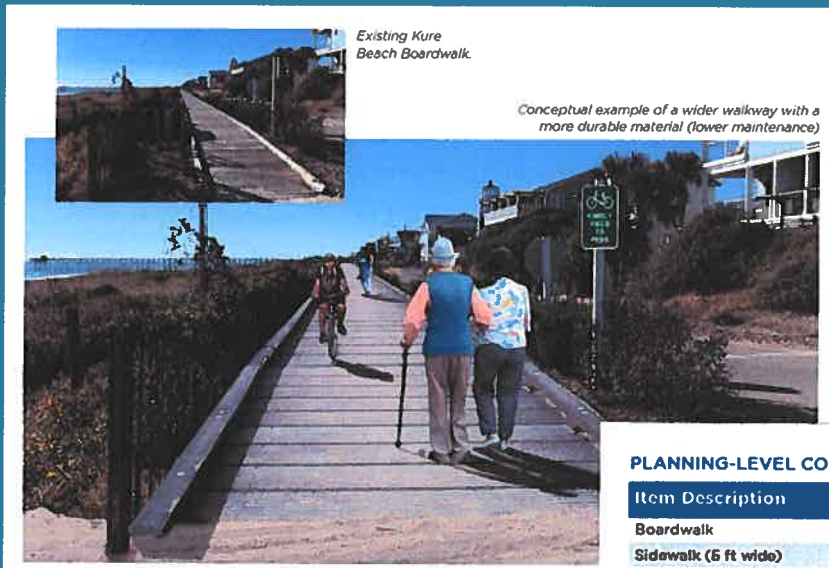
PLANNING-LEVEL COST ESTIMATES

Item Description	Quantity	Unit	Unit Price	Amount
Shared Use Path	10050	LF	\$100	\$1,005,000
			Sub Total	\$1,005,000
			Total	\$1,306,500
			Estimated Range	\$1.3-\$1.6M**



Project: Boardwalk Widening

- Increase width of boardwalk to a minimum of 10 feet (12 feet recommended for multiuse)
- Upgrade boardwalk material to lower long-term maintenance costs for the Town



PLANNING-LEVEL COST ESTIMATES

Item Description	Quantity	Unit	Unit Price	Amount
Boardwalk	1920	LF	\$900	\$1,728,000
Sidewalk (6 ft wide)	178	LF	\$36	\$6,160
			<i>Sub Total</i>	<i>\$1,734,160</i>
			<i>Total</i>	<i>\$2,254,408</i>
			Estimated Range	\$2.2-\$2.4M**





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Project: NC State Bike Route 3

- Direct bicyclists away from Fort Fisher Blvd with signage
- Potentially shift East Coast Greenway designation from Fort Fisher to Third Ave



The landscaped median could be modified to allow passage of bicyclists while preserving most of the trees

PLANNING-LEVEL COST ESTIMATES

Item Description	Quantity	Unit	Unit Price	Amount
Sharrows	22	EA	\$500	\$11,000
Bike Route Signage	23	EA	\$360	\$8,050
			<i>Sub Total</i>	<i>\$19,050</i>
			<i>Total</i>	<i>\$24,785</i>
			Estimated Range	\$25-30K*





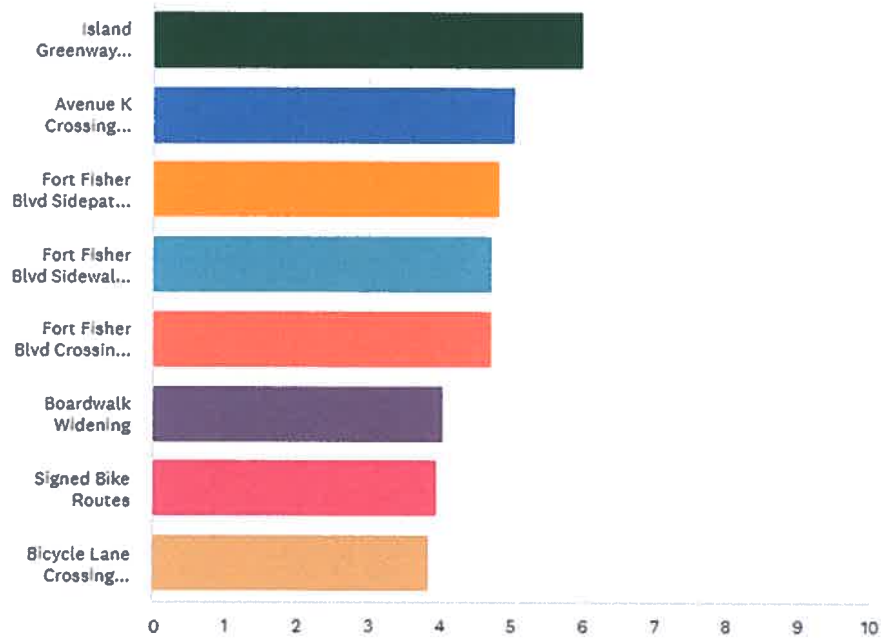


Project Ranking from Online Survey

Top Three Projects:

- Island Greenway Extension to Town Hall/K Ave
- K Avenue Crossing Improvements
- Fort Fisher Blvd Sidepath (E Ave to Fort Fisher)

**Greenway extension from Town Hall to Fort Fisher was not included in the survey*



	1	2	3	4	5	6	7	8	TOTAL	SCORE
Island Greenway Extension to Town Hall at K Avenue	44.36% 169	14.96% 57	8.40% 32	7.09% 27	4.99% 19	3.41% 13	6.82% 26	9.97% 38	381	5.99
Avenue K Crossing Improvements	12.43% 46	19.19% 71	17.84% 66	9.73% 36	12.97% 48	13.51% 50	8.65% 32	5.68% 21	370	5.05
Fort Fisher Blvd Sidepath (E Ave to Fort Fisher)	16.75% 66	16.75% 66	11.68% 46	10.66% 42	12.94% 51	8.38% 33	9.14% 36	13.71% 54	394	4.84

Additional Resources Included in the Plan

Program Recommendations

Education, encouragement, enforcement, promotion

Implementation Action Steps

Short-, mid-, and long-term practical steps toward plan implementation

Design Guideline Resources

Guidelines from NCDOT as well as federal agencies

Project Benefit Resources

Resources on the economic & health benefits of active transportation improvements

Funding Resources

Includes an overview of the 2021 Infrastructure Investment and Jobs Act, and how it affects federal transportation funding

Next Steps

March 31: Public review period closes

April 18: Plan adoption on Town Council agenda

May 25: Final plan presented to Wilmington Urban Area Metropolitan Planning Organization (WMPO)



WILMINGTON URBAN AREA
METROPOLITAN PLANNING ORGANIZATION

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Thank You!

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