



# TOWN COUNCIL MINUTES

## REGULAR MEETING

September 21, 2020 @ 6:00 p.m.

The Kure Beach Town Council held its regular meeting on Monday, September 21, 2020 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 David Heglar  
Commissioner Joseph Whitley  
Commissioner John Ellen  
Commissioner Allen Oliver

### COUNCIL MEMBERS ABSENT

### STAFF PRESENT

Town Clerk – Mandy Sanders  
Recreation Director – Nikki Keely  
Financial Officer – Arlen Copenhaver  
Deputy Town Clerk – Beth Chase  
Police Chief – Mike Bowden  
Fire Chief – Ed Kennedy  
Public Works Director – Jimmy Mesimer

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. Approve closing Atlantic Avenue between K and L Avenues from the early morning hours through 5:00 p.m. on Saturday, November 21, 2020 and Saturday, November 28, 2020 for the Kure Beach Holiday Market and allow participation by food truck vendors during event hours (9am-3pm) on Saturday, November 21, 2020 and Saturday, November 28, 2020 at the Ocean Front Park/Atlantic Avenue
2. Approve Budget Amendment 21-02 in the amount of \$12,155 for grant proceeds received for the Police Department
3. Approve the contract with James E. Eldridge of the Eldridge Law Firm, P.C as Town Attorney at an hourly rate of \$175.00
4. Appoint Elizabeth Kiwaha to the Shoreline Access Beach Protection Committee as a full member
5. Approve Commissioner Allen Oliver to attend Fiduciary Responsibilities for Local Elected Officials in the amount of \$75.00
6. Approve changing the Pedestrian Ad-Hoc Committee name to Bike/Ped Advisory Committee
7. Minutes:
  - August 24, 2020 Special



# TOWN COUNCIL MINUTES

## REGULAR MEETING

September 21, 2020 @ 6:00 p.m.

- August 17<sup>th</sup> – 24<sup>th</sup>, 2020 Public Hearing
- August 17, 2020 Regular

MOTION- MPT Heglar made a motion to amend the consent agenda to add the resignation of Donald Bowman from the Pedestrian Committee and approve the consent agenda as amended

SECOND- Commissioner Whitley

VOTE- Unanimous

## ADOPTION OF THE AGENDA

MOTION- Commissioner Ellen made a motion to remove Garbage at Rental Properties throughout Town from the agenda and approve the agenda as amended

SECOND- MPT Heglar

VOTE- Unanimous

## PUBLIC COMMENT

None.

## DISCUSSION AND CONSIDERATION OF PERSONS TO ADDRESS COUNCIL

- Zachary Manfredi, Cape Fear Moving Forward 2045 Metropolitan Transportation Plan

Zachary Manfredi presented the Cape Fear Moving Forward 2045 Metropolitan Transportation Plan that is hereby incorporated as part of the minutes.

Mayor Bloszinsky asked:

- Who sets the priority for the plan?
- Is the Cape Fear Crossing part of the plan?

Zachary Manfredi stated CAC the Citizens Advisory Committee sets the direction for the Plan.

Abby Lorenzo stated it is the Committee who sets the priority for the direction of the organization. The Cape Fear Crossing is still a priority for the plan, but the board does recognize that it is over a billion dollar project and the Committee knows it may need other funding.

## DISCUSSION AND CONSIDERATION OF COMMITTEE BUSINESS

### 1. Board of Adjustment

- Interview applicants for the alternate position
  - Kurt Bartley



# TOWN COUNCIL MINUTES

**REGULAR MEETING**

**September 21, 2020 @ 6:00 p.m.**

**Town Council Questions for Applicant Kurt Bartley:**

- What is the role of the Board of Adjustment?
- How do you deal with conflict?

Applicant Kurt Bartley stated the Board of Adjustment handles the Quasi-Judicial Hearings and receives information from a citizen who is appealing a zoning decision. The board listens to both sides and then determines the best outcome for the Town. He used to be the Police Chief for Carolina Beach and spent 30 years in law enforcement so he understands the judicial part. In the last few years that he worked for Carolina Beach he was on the Technical Review Committee for the Town and understands how zoning works. He has lived here since 2008 and grew up on the island.

- Edward Pomeroy

**Town Council Questions for Applicant Edward Pomeroy:**

- What is the role of the Board of Adjustment?
- What is your thought on Variances in Kure Beach?

Applicant Edward Pomeroy stated the the role of Board of Adjustment is to handle individuals or corporations that appeal regarding a variance issue. There will always be a need to handle requests for variances and some variances are valid.

MOTION- MPT Heglar made a motion to appoint Burt Bartley as the Board of Adjustment alternate

SECOND- Commissioner Whitley

VOTE- Unanimous

**2. Planning & Zoning Commission**

- Interview James Dugan for the alternate Planning & Zoning position

MOTION- Commissioner Whitley made a motion to appoint James Dugan as the alternate for the Planning and Zoning Commission

SECOND- Commissioner Oliver

VOTE- Unanimous



# TOWN COUNCIL MINUTES

## REGULAR MEETING

September 21, 2020 @ 6:00 p.m.

- Resident text amendment application received for proposed text amendment to 15.36.010 (Control of Yard/Setbacks)

PZC Chairman Galbraith stated:

- Residents brought forth this request because they had temporary swimming pools in the front yard setback
- Applicants applied for the proposed text amendment to allow for temporary structures in the setback
- PZC recommendation to Town Council is to not approve the proposed text amendment at this time
- The Commission will hold discussion at next month's meeting regarding a temporary swimming pool in the rear setback
- The Consistency statement included in the agenda packet is to disapprove the proposed text amendment application
- Town Council will need to hold a Public hearing before taking action to decline or approve the proposed text amendment applicant received

MOTION- MPT Heglar made a motion to schedule the Public Hearing for proposed text amendment to 15.36.010 (Control of Yard/Setbacks) on Monday, October 19, 2020 at 5:30 p.m.

SECOND- Commissioner Whitley

VOTE- Unanimous

- Proposed text amendments to Chapter 8 (Public Health and Safety):
  - Section 16 (Light Trespass Nuisance)
  - Section 20 (Complaint Investigation)
  - Section 30 (Notice to Abate)
  - Section 40 (Abatement By Town - Upon Failure of Owner)

P&Z Chairman Galbraith stated:

- Reviewed numerous light ordinances in other small towns and in a few larger cities
- PZC did extensive field work and reviewed light situations throughout Town brought forward from residents
- This will be a complaint driven ordinance and PZC recommends including the light ordinance in Chapter 8 under Nuisance
- This proposed text amendment does not address commercial properties
- Residents would have two years to come into compliance and Building Inspector Batson would enforce this ordinance



# TOWN COUNCIL MINUTES

## REGULAR MEETING

September 21, 2020 @ 6:00 p.m.

Mayor Bloszinsky asked would security lights be covered under emergency situations?

Attorney Eldridge stated no security lights would not be covered under emergency situations, but residents are allowed to have them on their property as long as it doesn't trespass over the property line.

MPT Heglar asked how did PZC come up with the .1-foot candles?

P&Z Chairman Galbraith stated the .1-foot candles was a recommendation from the Dark Sky Regulation Commission.

**MOTION-** Commissioner Whitley made a motion to approve the proposed text amendments to Chapter 8 (Public Health and Safety): Section 16 (Light Trespass Nuisance), Section 20 (Complaint Investigation), Section 30 (Notice to Abate), Section 40 (Abatement By Town - Upon Failure of Owner)

**SECOND-** MPT Heglar

**VOTE-** Unanimous

### 3. Pedestrian Committee

Pedestrian Chairman Linquist gave a presentation on the Spot Lane Connector that is hereby incorporated as part of the minutes.

**MOTION-** Commissioner Oliver made a motion to approve the usage of the Spot Lane Connector for bicycle and pedestrian travel work and authorized the Committee to work with the Public Works Department to properly execute

**SECOND-** Commissioner Ellen

**VOTE-** Unanimous

### 4. Historical Preservation Commission

HPC Chairman Galbraith stated:

- HPC had submitted the initial designation report to the State about 7 months ago and received two comments regarding a better architectural narrative and to include a good quality map
- HPC recommends Town Council approve the contract with SWCA to assist with writing the architectural narrative and create a map of the district in the amount of \$3,000
- Once the contract is received by SWCA it will take 3 weeks to receive the information requested for the HPC designation report



# TOWN COUNCIL MINUTES

## REGULAR MEETING

September 21, 2020 @ 6:00 p.m.

Attorney Eldridge stated he recommends to include a Section 8.3 requiring the vender to deliver the Certificate of Insurance to the Town Clerk and revise Section 9.5 governing law from Arizona to North Carolina.

Commissioner Oliver commented is SWCA an architectural firm? He is unsure how the firm will handle the job with no field visits.

Attorney Eldridge stated no SWCA is not an architectural firm, as she is a planner.

HPC Chairman Galbraith stated there is no field visits included with this proposal. Once a field visit is included in the proposal the cost went way past the HPC budgeted amount. The firm may decide to visit and there will be zoom conference calls.

MOTION- MPT Heglar made a motion to approve the service agreement with SWCA in the amount of \$3,000 once amended

SECOND- Commissioner Whitley

VOTE- Unanimous

## DISCUSSION AND CONSIDERATION OF DEPARTMENT HEAD BUSINESS

### 1. Fire Department

Fire Chief Kennedy stated:

- Lifeguard season has officially ended as of Labor Day, a few lifeguards may still be patrolling the beach strand on the weekends
- Fire Commission week is October 4-9, 2020
- Fire Department originally planned to hold an Open house but due to COVID-19 has postponed the event
- He will work with Town Clerk Sanders to send out reminder on the Town website regarding smoke detectors
- Two Kure Beach firefighters will be recognized for line of duty deaths but due to COVID-19 this event has been postponed in Raleigh till May
- National Fallen Firefighters Foundation Memorial Service will recognize Captain Dennis Ebersole virtually on Sunday, October 4, 2020 at 10:00 a.m.

MPT Heglar stated he is seeking permission from Town Council to allow Tammy Ebersole to utilize Town facilities on Sunday, October 4, 2020 to watch the memorial. Also, would like permission to have Town Clerk Sanders to put the link on the Town website for the memorial.



# TOWN COUNCIL MINUTES

**REGULAR MEETING**

**September 21, 2020 @ 6:00 p.m.**

CONSENSUS- Town Council agrees to allow MPT Heglar to speak with Tammy Ebersole regarding allowing her to use Town facilities to watch the memorial on October 4, 2020 for Captain Dennis Ebersole.

## 2. Public Works Department

Public Works Director Mesimer stated:

- There is an inground Storage tank at the village lift station that holds the fuel for the backup generators that is not up to State requirements
- The tank is not in compliance as it is not a dual wall tank
- Company came out last Tuesday to address the state requirements to install a new tank and received a quote of \$98,000 to install a new tank
- Next month will bring more information regarding the new tank and replacement options
- Public Works is finishing the yearly sewer cleaning requirement and will be closing portions of the beach walkways throughout Town to make repairs
- Submitted the Stormwater Management Plan to the State by the deadline of September 10, 2020 and waiting for a response

MPT Heglar stated once the State approves the plan then the Town will need to address the stormwater ordinance for the Town.

## DISCUSSION AND CONSIDERATION OF OLD BUSINESS

### 1. LDSI Update

MPT Heglar gave a Stormwater presentation that is hereby incorporated as part of the minutes.

MOTION- MPT Heglar made a motion to continue the meeting on Friday, September 25, 2020 at 5:00 p.m. due to technical issues with the conference call

SECOND- Commissioner Whitley

VOTE- Unanimous

## **CONTINUED TOWN COUNCIL MEETING ON FRIDAY SEPTEMBER 25, 2020**

### COUNCIL MEMBERS PRESENT

Mayor Craig Bloszinsky

MPT David Heglar

Commissioner Joseph Whitley

Commissioner John Ellen

Commissioner Allen Oliver

### COUNCIL MEMBERS ABSENT



# TOWN COUNCIL MINUTES

## REGULAR MEETING

September 21, 2020 @ 6:00 p.m.

### STAFF PRESENT

Town Clerk – Mandy Sanders  
Recreation Director – Nikki Keely  
Financial Officer – Arlen Copenhaver  
Deputy Town Clerk – Beth Chase  
Police Chief – Mike Bowden  
Public Works Director – Jimmy Mesimer

MOTION- Commissioner Ellen made a motion to open the meeting on Friday, September 25, 2020 at 5:00 p.m.

SECOND- MPT Heglar

VOTE- Unanimous

### DISCUSSION AND CONSIDERATION OF OLD BUSINESS

#### 1. LDSI Update

MPT Heglar finished the Stormwater presentation that is hereby incorporated as part of the minutes.

MPT Heglar stated behind Settlers Lane on MOTSU property the Town has been working with MOTSU to allow the Town to complete work in that area. Commissioner Whitley spoke with MOTSU last week and let Town Council know that MOTSU wanted an engineer study before MOTSU proceeds. MPT Helgar sent the quote he received from LDSI to Town Council in the amount of \$47,000 for two stormwater projects. If the Town Council wants to proceed with the work, then the Town can apply for the FEMA BRIC grants to help with the funding by submitting letters of intent by October 10, 2020.

MOTION- Commissioner Oliver made a motion to authorize MPT Heglar to work with LDSI to submit letter of intents for financial support for both projects to BRIC

SECOND- Commissioner Whitley

VOTE- Unanimous

#### 2. Additional Golf Cart Parking at N Avenue

MPT Heglar stated the Town was originally enforcing people from parking at N Avenue but the Police Department has recently stopped enforcing since the July Town Council meeting when Town Council held discussion. There are currently no signs installed, so his recommendation is for the Town to allow golf cart parking only at N Avenue and install golf cart parking only signs.





# TOWN COUNCIL MINUTES

**REGULAR MEETING**

**September 21, 2020 @ 6:00 p.m.**

**MOTION-** MPT Heglar made a motion to approve Golf Cart Parking at N Avenue and direct Public Works Department to install Golf Cart Only parking signs

**SECOND-** Commissioner Whitley

**VOTE-** Unanimous

### 3. Street Naming Process Proposed Text Amendments

Attorney Eldridge stated:

- The proposed text amendments to Chapter 14 which is included in the agenda packet, provides for naming and renaming new and existing streets
- Since the Town code already provides for these matters, staff requests direction from Town Council on how to proceed and whether the proposed text amendments are to be replaced, in whole or in part
- In the event Town Council does intend to replace the existing provisions, then staff requests direction as to whether the current substance of the proposed text amendments is to be used or whether changes to the substantive provisions are indicated
- In the event council finds that the current code provisions are sufficient and do not need to be replaced, then staff requests direction on how requests to rename streets are made and processed, who decides the matter, and what standards and procedural requirements apply
- Staff also recommends that any text amendments be made to Chapter 13 and not Chapter 14
- In the event amendments are to be made to Chapter 13, should PZC have an opportunity to review and comment on the amendments prior to Council considering and acting on them?
- Sec. 4.03.G of the Town's Facilities Policy included, also provides for naming/renaming new and existing streets and these policy provisions are inconsistent with the code and the proposed text amendments
- His recommendation is to insert into the Facilities Policy a memo to refer to the section of the Code that addresses the naming process

Commissioner Whitley stated Town Council should make the final decision regarding the renaming of a street. He does not think a Public Hearing should be required to change the name of a street.

Mayor Bloszinsky stated the Town Council wanted a method for citizens to bring forth a street to be renamed only if the citizen has the support of 51% of residents on the street to be renamed. He does not expect Town Council to take action regarding one citizens request.



# TOWN COUNCIL MINUTES

## REGULAR MEETING

September 21, 2020 @ 6:00 p.m.

Attorney Eldridge asked does Town Council want to change anything in the code related to the naming of new streets.

CONSENSUS- Town Council directs Attorney Eldridge to leave the provisions for the naming of new streets as is in the Code of Ordinances

Attorney Eldridge stated:

- In Chapter 13 he will add a subsection for the renaming of existing streets below the Building Inspectors authority to add the Town Council has the ultimate authority
- In the event there is a request to rename an existing street the following shall apply:
  - Petition signed by 66% of the effected residents on the street
  - Proposal of the new street name
  - Certified letters will be sent to all property owners 10 days in advance of the Town Council meeting

CONSENSUS- Attorney Eldridge to bring forth a recommendation on the proposed text amendments regarding the Street Renaming process to the October Town Council meeting

### 4. Parking Update and Schedule

Mayor Craig Bloszinsky stated the Parking Committee met and revised a few items on the Parking RFP. The Committee changed the start date to April 1<sup>st</sup>. The Committee also decided to do two different rate structures. One for Atlantic Ave, Beach Accesses, and 3<sup>rd</sup> street. The other rate would cover 4<sup>th</sup> street to 7<sup>th</sup> Street. Commissioner Whitley will review the cloud security portion of the Parking RFP. The RFP will be sent out to venders by the end of September and the deadline for submissions will be the end of October.

## DISCUSSION AND CONSIDERATION OF NEW BUSINESS

### 1. Review of Civil Citation Fees

Police Chief Bowden stated his recommendation is to adjust the civil citations fines to cut down on the appeal requests received. The Administration Department currently has over 90 appeals for Dogs on the Beach and Parking. The third party attorney who currently holds the appeal hearings does it for free.

Mayor Bloszinsky stated he agrees with Police Chief Bowden's recommendation.



# TOWN COUNCIL MINUTES

## REGULAR MEETING

September 21, 2020 @ 6:00 p.m.

MPT Heglar stated he supports Police Chief Bowden recommendation. A lot of the appeals this year are due to the parking regulations related to COVID-19. In the future the Town needs to work with short term rentals to inform citizens of the rules and violations of the Town.

Commissioner Oliver stated he believes the Town needs to have a fine that is a deterrent for Dogs on the Beach, so he does not support this decision.

MOTION- MPT Heglar made a motion to approve the civil citations as presented by the Police Department

SECOND- Commissioner Ellen

VOTE- (3-2 Vote) Mayor Bloszinsky, MPT Heglar, Commissioner Ellen voted For, Commissioner Oliver, and Commissioner Whitley voted Against

Commissioner Ellen commented he would support the citizens who are currently appealing the citation to be allowed to pay the lower fine that was just approved.

MPT Heglar stated he will support that as well but if the citizen decides to proceed with the hearing and the attorney denies the appeal then the citizen should pay the greater fine.

Town Clerk Sanders asked what if a citizen has already paid their citation fine and comes back to the Town requesting the lower fine that was approved.

MPT Heglar stated if this happens please refer the citizen to the Town Council.

Commissioner Whitley stated he will not support this decision.

MOTION- MPT Heglar made a motion to direct Town Clerk Sanders and Police Chief Bowden to draft a letter to citizens who have appealed to offer the payment of the lesser approved civil citation fees, if the citizen declines the offer then the fee will remain the same after the appeal hearing is held

SECOND- Commissioner Ellen

VOTE- (4-1 Vote) Mayor Bloszinsky, MPT Heglar, Commissioner Ellen, Commissioner Oliver voted For, Commissioner Whitley voted Against

## COMMISSIONER ITEMS

Commissioner Whitley stated he spoke with MOTSU regarding a quarterly maintenance of the buffer zone so the Town can track citizens who have complaints and MOTSU will address these issues on a quarterly basis.



# TOWN COUNCIL MINUTES

**REGULAR MEETING**

**September 21, 2020 @ 6:00 p.m.**

## ADJOURNMENT

**MOTION-** MPT Heglar made a motion to adjourn the meeting at 6:36 p.m.

**SECOND-** Commissioner Ellen

**VOTE-** Unanimous

ATTEST: Mandy Sanders  
Mandy Sanders, Town Clerk

Craig Bloszinsky  
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>council.



Jonathan Hinkle, PE  
LDSI, Inc | Kinston, NC  
1308 HWY 258 N  
Kinston, NC 28504  
910.663.4123

# LDSI town review

David W. Heglar, PE  
Commissioner, Public Works  
Town of Kure Beach

- LDSI identified 5 specific throttle points in the system.
- Recommend that we address them in the following order – based on LDSI comments regarding severity

# Issue #1

- Model does not show this area surcharged
- This has not been a problem area for town
- Recommendation:
  - Camera to understand the location of the size change and verify no obstructions



Figure E: A Choke Point By the Intersection of K Ave & N 5<sup>th</sup> Ave

# Issue #2

- Model shows does not operate under surcharged conditions
- Monitoring during actual events has shown no issues (see next slides)
- Recommendation:
  - Ensure any changes to Beachwalk pond system coordinated with town system

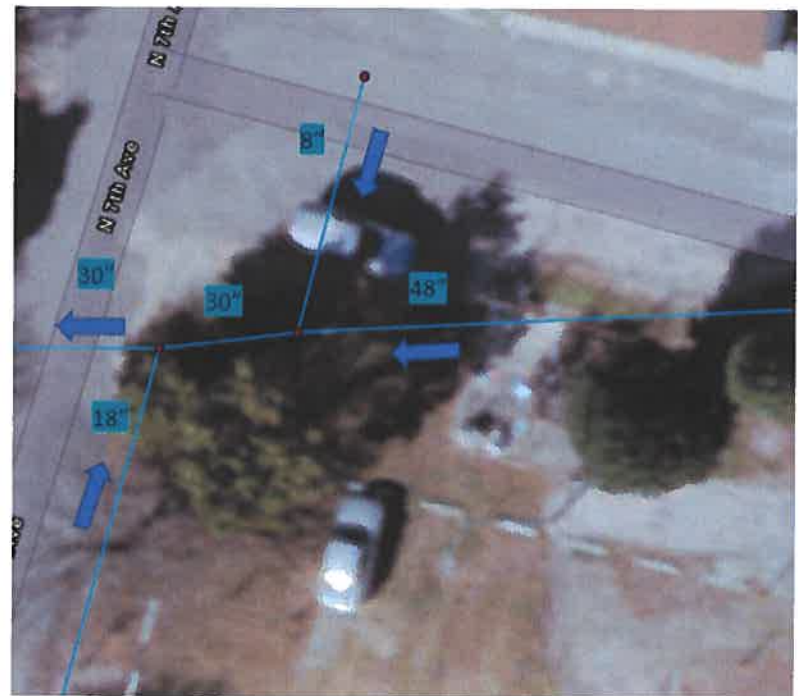
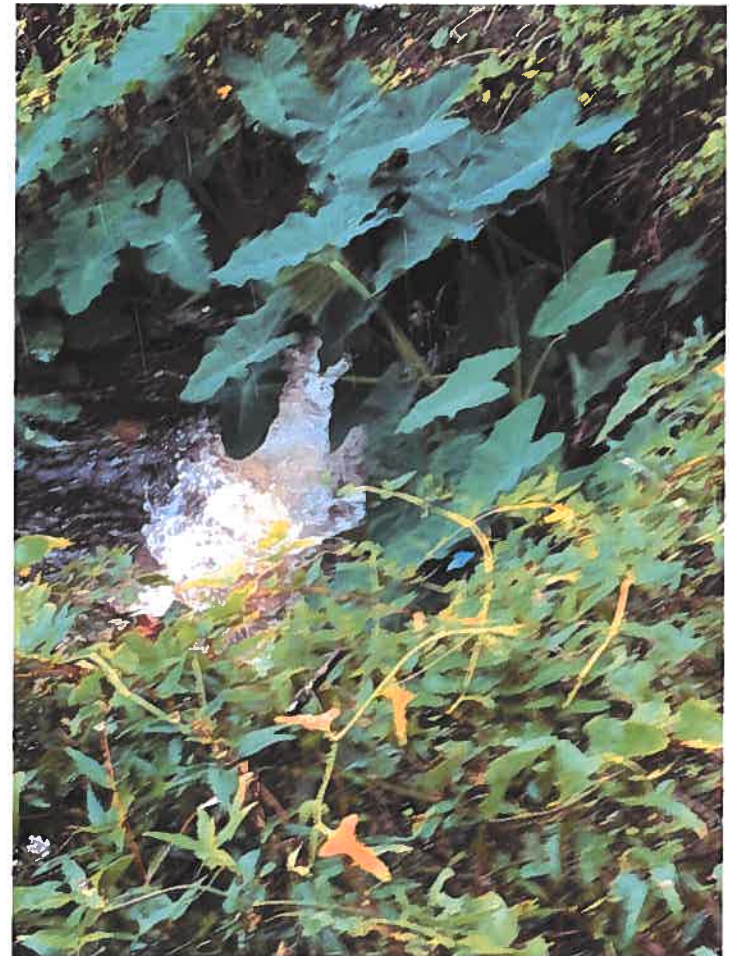
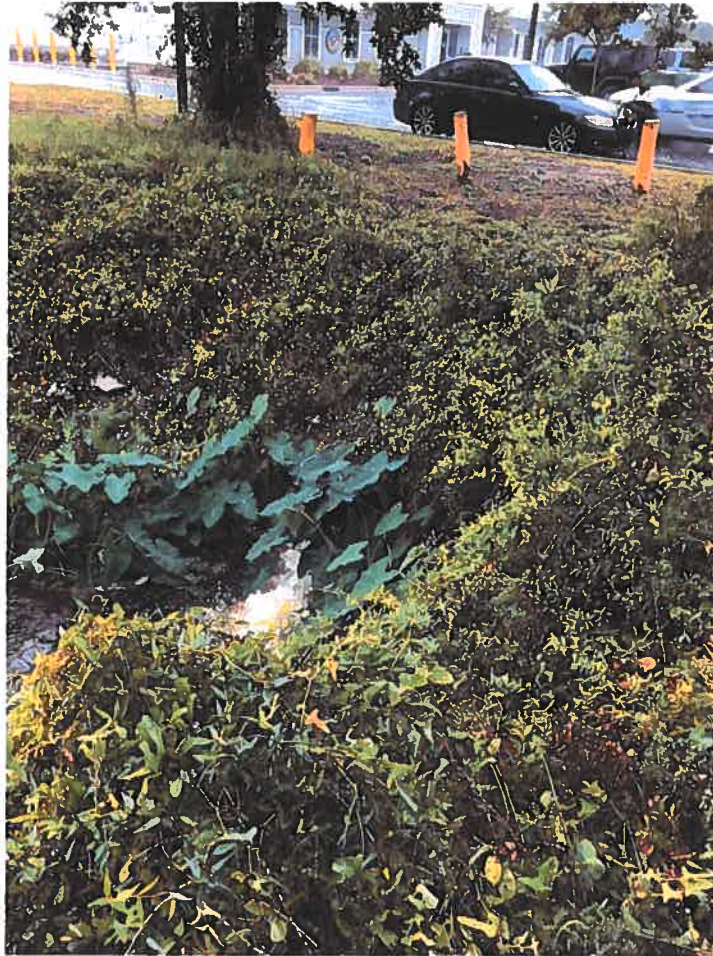


Figure F: A Choke Point Behind the Fire Station on K Ave



# Issue #2 – August 20, 2020



# Issue #3

- 75 ft section of 12" pipe in a large run
- Model shows surcharged conditions
- Town issues in this area
- Recommendation:
  - Replace 12" pipe with 15" pipe to increase flow through capacity



Figure G: A Throttle Point Along N 4<sup>th</sup> Ave Between L Ave & M Ave

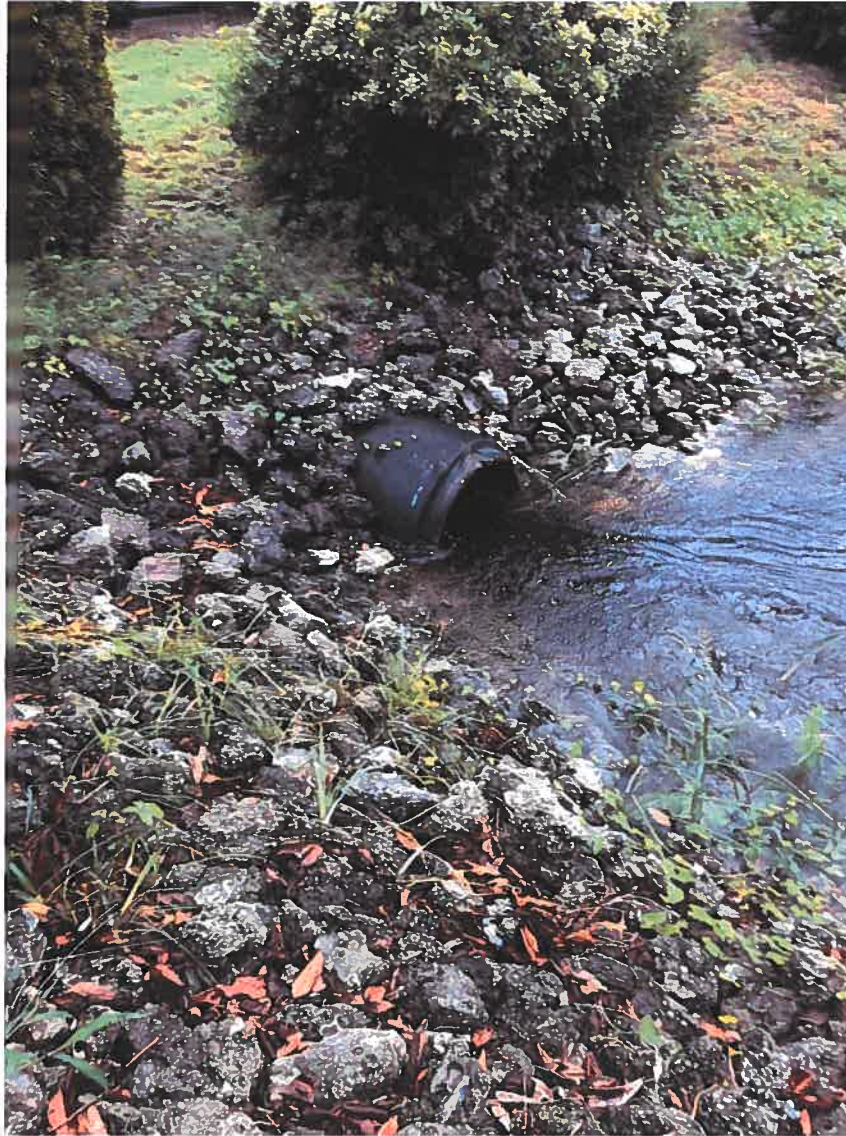
# Issue #4

- Beachwalk drainage system entrance into town system
- Model shows outflow is throttled by inlet boundary condition (upstream ponds)
- No issues based on experience (see next slides)
- Recommendation:
  - Coordinate any changes with BW system with town outfall system



# Issue #4 (cont) – August 20, 2020

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- 



# Issue #5

- 2 15" and 1 12" pipes feeding into a single 18" pipe at 5<sup>th</sup> Ave
- Modeling showed no issues
- Town experience with these pipes confirms model
- Recommendation:
  - Maintain on SW cleanout program



# Moving forward issues

- State audit of SW program – formal response sent on 9/11/20
- Once NC DEQ responds – will make the required changes
  - Requires TOKB to monitor permit compliance within town
  - Stormwater committee reformed to assist with this requirement

# KURE BEACH PEDESTRIAN & BICYCLE COMMITTEE

REQUEST FOR COUNCIL TO APPROVE THE INCLUSION OF THE WELL  
SITE AREA BETWEEN SPOT LANE AND SETTLERS LANE AS AN  
ADDITIONAL PATHWAY FOR BICYCLE AND PEDESTRIAN USE

## SPOT LANE CONNECTOR

- The town's well site, hereafter referred to as the SPOT LANE CONNECTOR, is a safe and logical location for a connecting path between the ISLAND GREENWAY and the Kure Beach area.
- Placing a pathway in this area will allow bike and pedestrian traffic to exit the ISLAND GREENWAY, continue southwest on Spot Lane, traverse the Spot Lane Connector, and enter Settlers Lane.
- From Settlers Lane, users would have the option of utilizing several streets for safer travel all the way to E Avenue.
- From E Avenue, users would follow Fort Fisher Blvd South to the Fort, Aquarium, or the Ft Fisher Ferry.



Directions

📍 Search for a place or address



Map Transit Satellite

79°  
AUG 23



akes Park  
n Hall

 Ocean Front Park  
and Pavilion



## ITEMS REQUIRED

- PERMANENT BARRIER AT THE END OF SPOT LANE TO PREVENT VEHICLE ACCESS TO THE SPOT LANE CONNECTOR.
- A TEMPORARY GRAVEL AND/OR MARKED PATH THROUGH THE CONNECTOR
- SIGNAGE TO PROMOTE AND DIRECT BICYCLE AND PEDESTRIAN USAGE OF THE NEW ROUTE
- DEPENDING ON COST, SIGNAGE COULD BE PLACED AT STRATEGIC LOCATIONS TO PROMOTE USAGE OF THE ROUTE.
- A FUTURE PAVED PATH THROUGH THE CONNECTOR ( FOR CONSIDERATION AT NEXT BUDGET MTG)

## SUMMATION

- As our purpose states, we strive to assist the town council in the realistic planning, funding, development and implementation of facilities and programs that will result in the increased safety and use of bicycle and pedestrian travel.
- We therefore request that the Kure Beach City Council approve the usage of the “Spot Lane Connector” for bicycle and pedestrian travel.



CAPE FEAR

# Moving Forward 2045

METROPOLITAN TRANSPORTATION PLAN



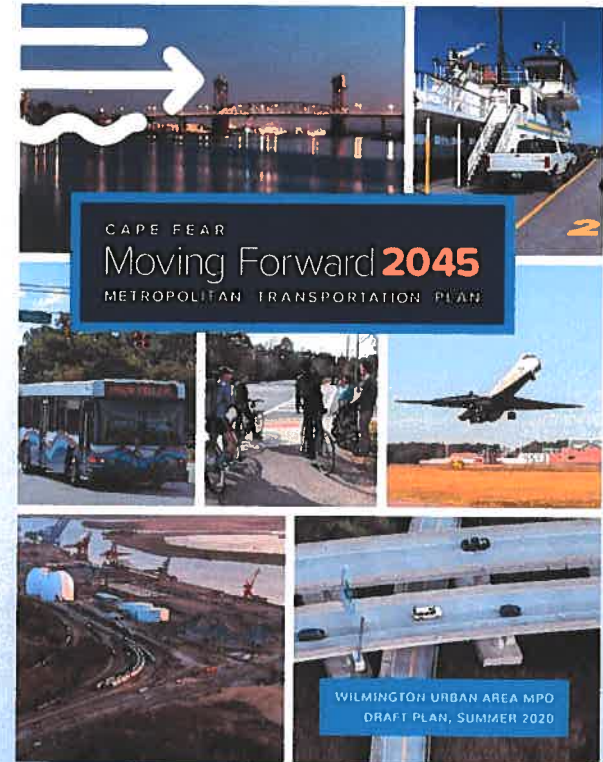
Final Plan Presentation

September 2020



# Presentation Overview

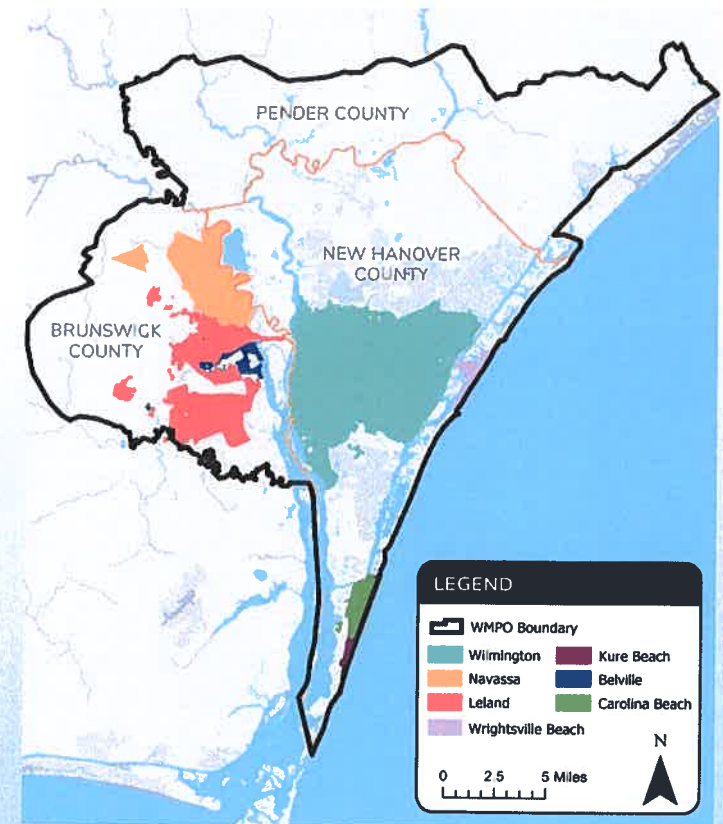
- About the WMPO and its requirements
- The plan development process
- The final plan
- How to support the plan





# About the Wilmington Urban Area Metropolitan Planning Organization (WMPO)

- Formed in 1978
- Approximately 280,000 in population
- 494 square miles
- 13-member Board includes representative from each member jurisdiction (2 from Wilmington), the Cape Fear Public Transportation Authority, and NCDOT Board of Transportation





## Responsibilities of the WMPO

- Federally required to provide regional transportation planning utilizing a continuing, cooperative, and comprehensive (3Cs) process which serves as the basis of the expenditure of federal transportation funding
- Update and maintain the metropolitan transportation plan every 5 years
- Prepare an annual work plan (UPWP)
- Assist in the prioritization of transportation projects for the development of the STIP/MPO TIP
- Coordinate the activities of the WMPO Board and TCC



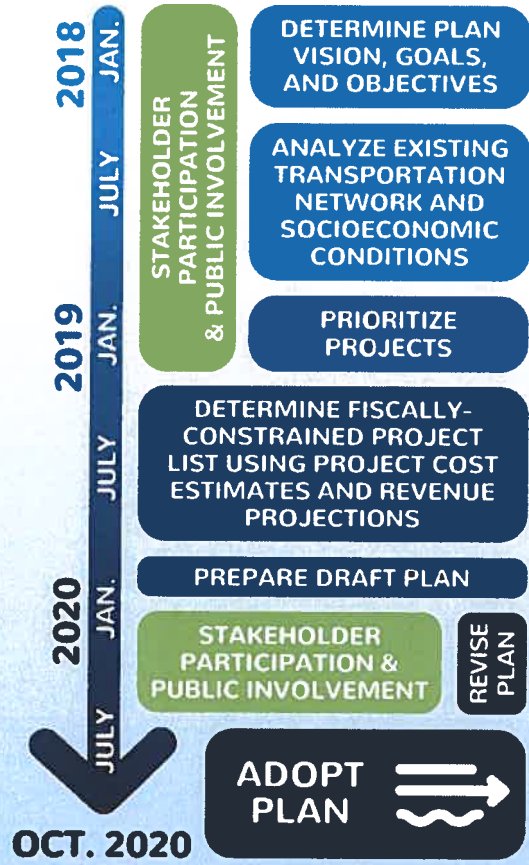


# Metropolitan Transportation Plans

- Federally Required to:
  - Provide a regional multi-modal transportation needs analysis
  - Consider regional demographics and land use
  - Public Involvement
  - 20-year minimum planning horizon
  - Fiscally constrained
  - Serves as the basis for MPO TIP/STIP



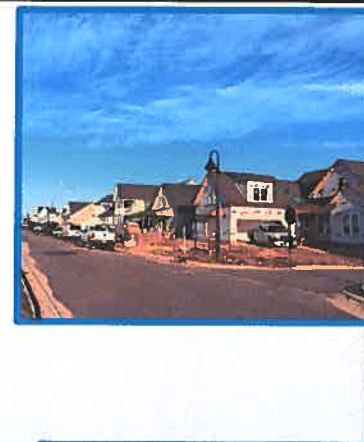
# Plan Development Process





# New Requirements and Considerations

- **FAST Act Requirements**
  - Additional Planning Factors
  - Inclusion of Inter-City Transit providers and Tourism
- Performance based approach
- Innovative Technologies
- Resiliency
- Environmental Justice





# Public Participation

2 lanes drop to 1 headed US 17 North + ingress/egress from gas station there cause huge backs down Marsh Oaks. Now proposed high density rezoning in area= not sustainable. Need 2 lanes to US 17N.

Wrightsville Ave is probably the most traveled college student cyclists in town. The bike lane needs to extend to Eastwood Rd

Wilshire NEEDS a sidewalk. You can't go down the road and see goat paths the entire way. Grass can't grow because people traveling by foot. With the hund

The bike path is part multi-use path, then transitions to sidewalk and/or bike lane on the road with no signage or easy method of transitioning.

It needs to mirror growth of the city, more airlines which will in turn add destinations and make air travel out of ILM cheaper

Either a spur to Raleigh or a direct connection to Amtrak would widen transportation opportunities without increasing road traffic.

Finish the underpass for the cross city trail at the drawbridge.

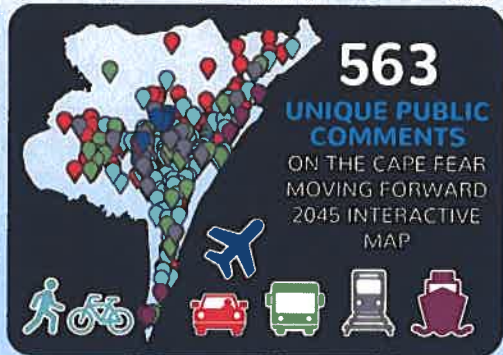
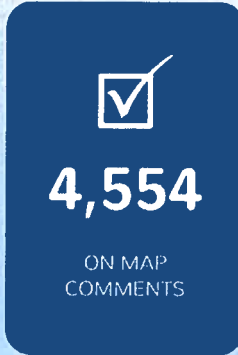
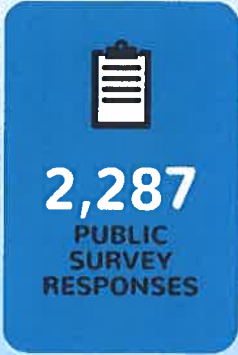
Why does the trail stop? Add more airlines serving ILM. Add more train to RDU and CLT serving ILM. Wrightsville Beach more parking available. Being there is never any parking available. Being we wait

Sidewalks from Independence to Kerr Ave

The town prohibits bikes on sidewalks therefore the major roadways need bike lanes for public safety.

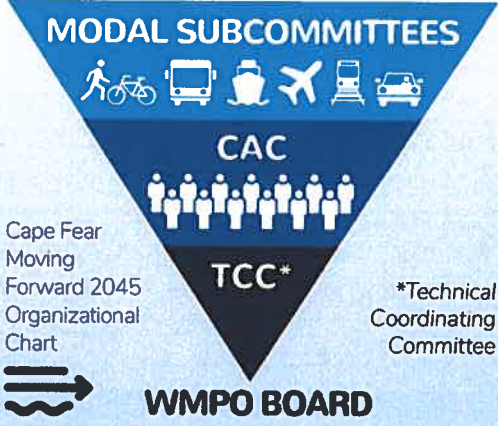
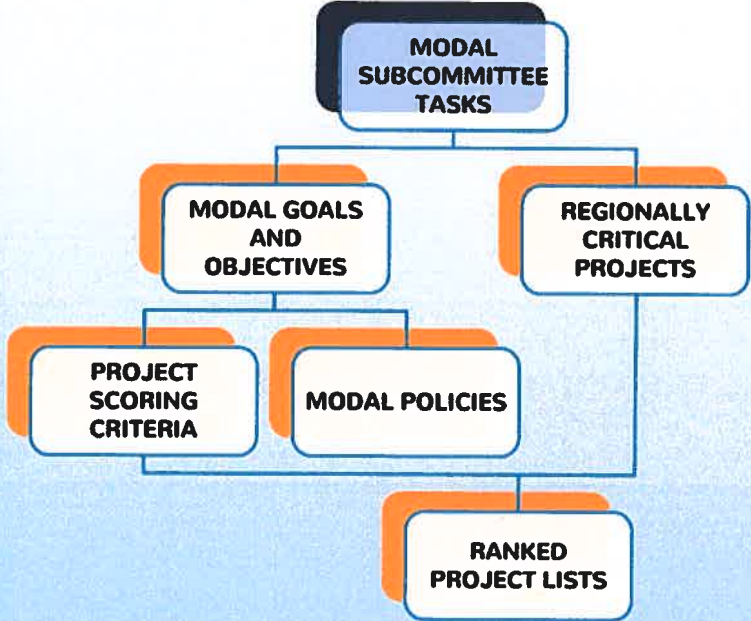
There should 100% be SAFE pedestrian sidewalks or paths on Wrightsville Avenue

Without additional lanes, this is going to cause a huge bottleneck and it's awful as it is today.











# Modal Elements Development





# Financial Forecast Development

Mode	Historical Funding Sources	Financial Forecast (FY2020-FY2045)	
	<ul style="list-style-type: none"> <li>Federal Aviation Administration (FAA) Grant History</li> <li>State Match</li> <li>Wilmington International Airport (ILM) Capital Improvement Plan (CIP)</li> <li>Customer Facility Charge, Passenger Facility Charge</li> <li>Airport Operations &amp; Maintenance (O&amp;M) Revenues</li> </ul>	<b>Capital Funding:</b> \$208,125,960 <b>Operations &amp; Maintenance Funding:</b> \$421,956,667	<b>AVIATION TOTAL:</b> \$630,082,627
	<ul style="list-style-type: none"> <li>Direct Attributable (STBG-DA and TASA-DA)</li> <li>Local Match</li> <li>City of Wilmington GO Bond</li> <li>Municipal O&amp;M (Trails, Sidewalks, Bike Lanes)</li> </ul>	<b>Capital Funding:</b> \$77,033,372 <b>Operations &amp; Maintenance Funding:</b> \$13,756,291	<b>BICYCLE &amp; PEDESTRIAN TOTAL:</b> \$90,789,663
	<ul style="list-style-type: none"> <li>Federal Ferry Boat Program</li> <li>Toll Revenues</li> <li>Regional State Transportation Investments</li> <li>State O&amp;M</li> </ul>	<b>Capital Funding:</b> \$58,697,582 <b>Operations &amp; Maintenance Funding:</b> \$207,846,116	<b>FERRY &amp; WATER TRANSPORTATION TOTAL:</b> \$266,543,698
	<ul style="list-style-type: none"> <li>Rail Industrial Access Program (RIAP)</li> <li>Short Line Infrastructure Assistance Program (SIAP)</li> </ul>	<b>Capital Funding:</b> \$31,736,429 <b>Operations &amp; Maintenance Funding:</b> N/A	<b>FREIGHT &amp; FREIGHT RAIL TOTAL:</b> \$31,736,429
	<ul style="list-style-type: none"> <li>Federal Transit Administration Funds (Capital and O&amp;M)</li> <li>State and Local Matches</li> <li>O&amp;M (NCDOT and Local)</li> <li>Passenger Fares</li> </ul>	<b>Capital Funding:</b> \$29,236,306 <b>Operations &amp; Maintenance Funding:</b> \$438,015,618	<b>PUBLIC TRANSPORTATION TOTAL:</b> \$467,251,924
	<ul style="list-style-type: none"> <li>State Transportation Improvement Program (STIP)</li> <li>Surface Transportation Block Grant Program – Direct Attributable (STBG-DA)</li> <li>Local Match</li> <li>City of Wilmington GO Bond</li> <li>O&amp;M (NCDOT Division and Powell Bill)</li> </ul>	<b>Capital Funding:</b> \$3,398,214,479 <b>Operations &amp; Maintenance Funding:</b> \$459,701,564	<b>ROADWAY TOTAL:</b> \$3,857,916,043
		<b>TOTAL CAPITAL FUNDING (ALL MODES): \$3,803,044,128</b> <b>TOTAL INCLUDING O&amp;M FUNDING (ALL MODES): \$5,344,320,384</b>	



# Fiscally Constraining the Plan





## Alternative Funding Sources

- A funding gap of \$7 billion was identified based on identified regional project needs and forecasted funding
- Alternative funding sources utilized in North Carolina and other parts of the US were researched, including taxes, fees, grants, and bonds
- Alternative funding sources explored by the Board:
  - Quarter Cent Sales Tax
  - Quarter Cent Sales Tax for Transit
  - Motor Vehicle License Tax
  - Motor Vehicle License Tax for Transit
  - Vehicle Registration Fee
  - Vehicle Rental Tax
  - Bicycle Registration Fee
  - Transportation Bonds
  - Tolling
- The Board supported the tolling of the Cape Fear Crossing, allowing for the forecasted toll revenues to be utilized for fiscally constraining a portion of the project in the plan





# TDM Strategies

## YEARS TO IMPLEMENTATION:



### SHORT-RANGE

- Alternative Work Schedules
- Bicycle and Pedestrian Infrastructure
- Bike Share
- Carpool and Vanpool
- Consulting for Telecommuting Opportunities
- Development Review
- Continued Employment of Full-time TDM Staff
- Personalized Commuter Plans

### MEDIUM-RANGE

- Bicycle and Pedestrian Infrastructure
- Bus Rapid Transit (BRT)
- Car Share
- Employer Shuttles
- Park and Ride Lots
- Transit Amenities

### LONG-RANGE

- Bicycle and Pedestrian Infrastructure
- Fixed Rail Transit
- High Occupancy Vehicle (HOV) Lanes
- Toll and Express Toll (HOT) Lanes
- Water Taxi Service

## RESULT:



**REDUCED TRAFFIC CONGESTION**



# TSMO Strategies

**ACCESS MANAGEMENT**

**ADDITIONAL TURN LANES**

**EMERGENCY VEHICLE  
PREEMPTION & TRANSIT  
SIGNAL PRIORITY**



**BUS PULLOUTS**



**INTERSECTION  
MODIFICATIONS &  
GEOMETRIC DESIGN  
IMPROVEMENTS**

**IMPROVED SIGNAGE  
& LIGHTING**

**PAVEMENT MARKINGS**

**MOTORIST ASSISTANCE  
PROGRAM**



**STREETScape  
IMPROVEMENTS**

**SOCIAL MEDIA  
& SMART APPS**

**TRAVELER INFORMATION  
SYSTEMS & DYNAMIC  
MESSAGE SIGNS**

**TRAFFIC SIGNAL  
TIMING OPTIMIZATION**

**VEHICLE DETECTORS  
REPAIR/REPLACEMENT**



# Public Review of the Draft Plan

On the Fiscally-Constrained Bicycle and Pedestrian Project List, it appears that several projects (BP-581 (Carolina Beach Road & College Road), BP-646 (College Road and Oleander Drive), BP-584 (College Road & Monkey Junction Shopping Center Entrance), BP-577 (Bayshore Drive & Market Street), BP-627 (Piner Road & Myrtle Grove Road)) are already included in the design or recommended cross sections for roadway projects anticipated for funding prior to the anticipated funding year of the bike/ped projects. If there is not a need for this redundancy, approximately \$113,800 (not considering inflation) could be freed-up, which could allow projects such as BP-147a (Central Blvd/ Morningside Dr. Bike Lanes), the Front Street sharrows (BP-471 and 370), etc. to be funded.

The top priority projects are programmed for funding between 2020-2025. With NCDOT facing financial issues, how will that affect these projects?

There are planned bicycle improvements on Lendire. What will this project look like?



**PUBLIC OUTREACH PHASE II**  
**2/26/20 - 5/15/20**

**IN PERSON OPEN HOUSES:**  
3/4/2020  
3/10/2020

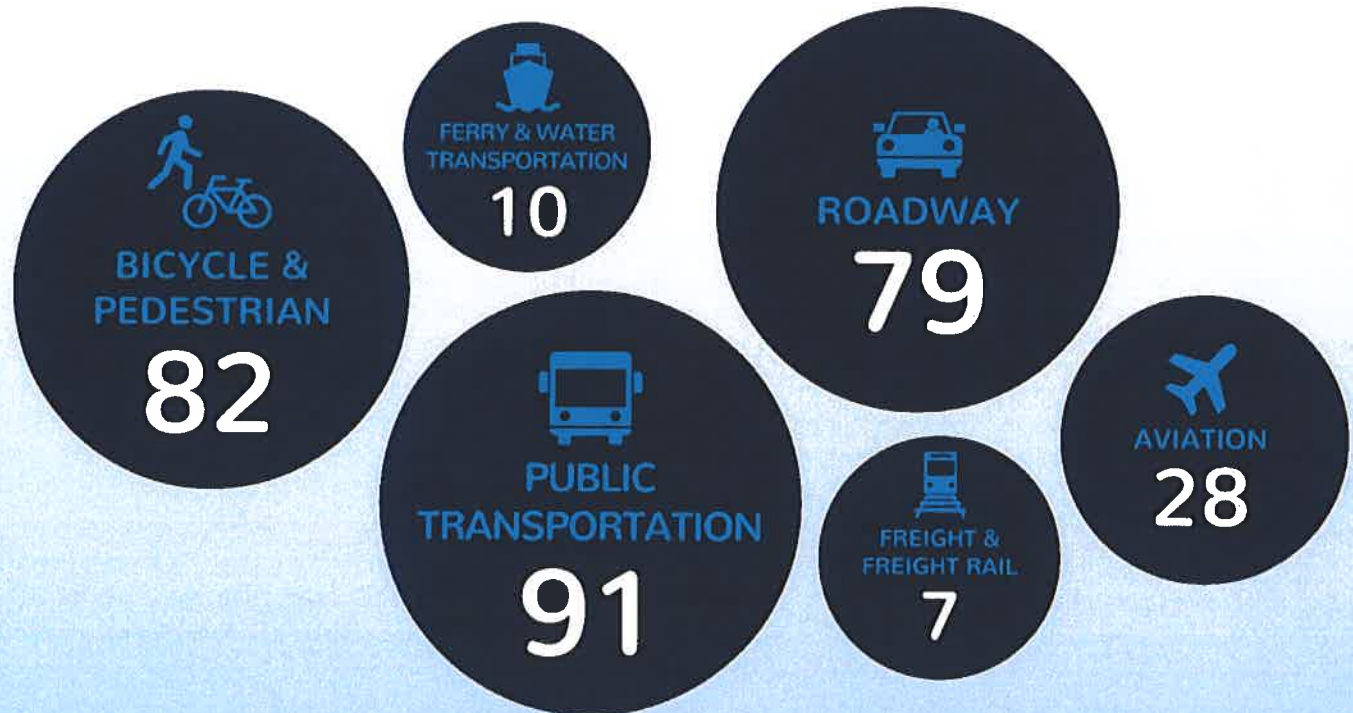
**VIRTUAL OPEN HOUSES:**  
7/6/2020  
7/7/2020  
7/8/2020

**113 COMMENTS ADDRESSED BY STAFF**



## Final Plan Outcomes

### NUMBER OF FISCALLY CONSTRAINED PROJECTS BY MODE:





## Your Role in Supporting the Plan

- Consider during development review, CIP planning, and local plan development
- Promote WMPO initiatives
- Participate in all efforts to develop the 2050 plan





Questions?

Abby Lorenzo

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(910) 341-7890

Wmpo.org



## Kure Beach Ocean Front Park Checklist

### Exterior

- Complete walk around of park/boardwalk inspecting for damage/debris
- Inspect swing hardware for deterioration
- Ensure "bluefish" properly secured in boardwalk/benches/swings
- Inspect playground equipment for damage/deterioration
- Visually check pavilion/restroom roofs and sunshade for damage
- Check exterior water faucets
- Ensure exterior lights in working order
- Test electrical outlets to ensure proper function
- Inspect flag pole/condition of flags
- Ensure general park cleanliness
- Review posting board for outdated/inappropriate materials

### Interior

- Complete walk around of facility inspecting for damage
- Ensure general cleanliness and equipment stored properly
- Check sinks/toilets/water heater
- Ensure interior lights in working order
- Check electrical breaker box for any issues
- Ensure HVAC system in working order
- Check stock of cleaning/paper supplies

Inspected By Sean Lee

Date 5/19/19

Facility Name our work