



**Town of Southern Shores
Regular Council Meeting
February 7, 2017**

The Town of Southern Shores Council met in the Pitts Center located at 5375 N. Virginia Dare Trail at 5:30 p.m. on Tuesday, February 7, 2017.

COUNCIL MEMBERS PRESENT: Mayor Bennett, Mayor pro tem Fred Newberry, Council Members Leo Holland, Chris Nason and Gary McDonald.

COUNCIL MEMBERS ABSENT: None

CALL TO ORDER / PLEDGE OF ALLEGIANCE / MOMENT OF SILENCE

Mayor Bennett called the meeting to order at 5:30 p.m., led the Pledge of Allegiance, and held a moment of silence.

AMENDMENTS / APPROVAL OF AGENDA

MOTION: Council Member McDonald moved to have agenda item 3B *"Proposal to Update Town Land Use Plan"* moved above agenda item #3, and to change "Land Use Plan" to "Strategic Plan". The motion was seconded by Mayor pro tem Newberry. The motion passed (4-1) with Mayor pro tem Newberry, Council Member McDonald, Council Member Holland, Council Member Nason voting YES; Mayor Bennett voting NO.

Mayor pro tem Newberry stated when submitting the agenda item request he made a mistake, and meant to call the plan a comprehensive plan or a strategic plan, and not the Land Use Plan.

MOTION: Council Member McDonald moved to approve the agenda as amended. The motion was seconded by Council Member Nason. The motion passed unanimously (5-0).

CONSENT AGENDA

The Consent Agenda consisted of the following items:

- i. Approval of Minutes 2017- Jan 3 (reg. meeting), Jan 17 (public forum), Jan 18 (special meeting)
- ii. Budget Amendment # 11 - Cover costs of Town beach condition survey & nourishment engineering/permitting (1-18-17)
- iii. Budget Amendment- #12 – Cover costs of increased # of Council Meetings (directed 12/6//16)
- iv. Budget Amendment # 13 - Cover remaining costs of HX Matthew recovery (FEMA reimbursement process)
- v. Confirm construction contract with lowest bidder-E. Dogwood-NC 12 storm water project (authorized 7/5/16)
- vi. Tax Pickups and Releases

MOTION: Council Member McDonald moved to approve the Consent Agenda with the exception of Item ii. - Budget Amendment # 11 – “Cover costs of Town beach condition survey & nourishment engineering/permitting (1-18-17)”. The motion was seconded by Council Member Holland. The motion passed unanimously (5-0).

MOTION: Council Member Nason moved to approve Consent Agenda Item ii. - Budget Amendment # 11 – “Cover costs of Town beach condition survey & nourishment engineering/permitting (1-18-17)”. The motion was seconded by Council Member Holland. The motion passed (4-1) with Mayor Bennett, Mayor pro tem Newberry, Council member Nason, Council Member Holland voting YES; Council Member McDonald voting NO.

GENERAL PUBLIC COMMENT

Mayor Bennett called for public comment and the following citizens offered comment:

- Karen Price- 18 Ocean Blvd. The Town has an opportunity to piggyback with Kitty Hawk for beach nourishment. We couldn't afford it without this opportunity.
- Van Price-18 Ocean Blvd. -The problem of severe beach erosion in front of Pelican Watch has been identified by Council. This cannot be fixed by doing nothing and beach pushes will not fix it. This is a deal of a lifetime.
- Lori Williams-representing the League of Women's Voters presented Council with this year's Citizen's Guide. This guide is available throughout the County.
- Paul Bowen- Please vote for the beach nourishment project. The Town has an opportunity to save a significant amount of money. Do not hesitate on the investment and yes it is an investment just like any other asset.
- Anne Laufner- concerned with the potential cost of the trail from South Dogwood through East Dogwood that the Dogwood Trail Task Force is recommending. Also what side of the street will the walk way be on when closer to the beach access since there is parking there. Recommends placing correct walking signage, and recommendation to close bridge shows the Task Force was more interested to eliminating traffic than to the inconvenience it will cause the residents.
- Jewel Monroe-Loves Southern Shores. Our beach is devastated by Hurricane Matthew. Engineers are very technical; her degree is in common sense. Common sense is to take this opportunity for beach nourishment.
- John Power-resident since 1989. Thanked the Dogwood Task Force for all their hard work. One recommendation is disturbing-closing of the bridge in effect locks everyone away from the beach. In favor of beach nourishment.
- Janet Owen-65 S Dogwood, Supports all walkways from South and East Dogwood. Health and safety of citizens is good investment. Closing the bridge is not the best thing for the community
- Joe VanGieson-228 N Dogwood-Thanked Council Members bringing up comprehensive plan. Trinitie Bridge was built some years ago, with a short report from the engineer. Compaction seems to be the problem. Encourages Council not to go forward. Does not like wording of Item #3 on the Agenda, and Council should not take votes on anything this evening.
- Charles Nash-Thanked Council for the efforts on beach nourishment. Pelican Watch Assn. spent \$25,000 last month on trucking sand and it is all gone. The Assn. has spent \$150,000 in past ten years on beach pushes and they do not work. This is an infrastructure which the Town should maintain and hopes Council will consider it.

[Clerk's Note: A copy of the public comment signup sheet is hereby attached].

Hearing no other citizen wishing to speak, the Mayor closed public comment.

Next Agenda item:

PROPOSAL TO UPDATE TOWN'S STRATEGIC PLAN

Mayor pro tem Newberry stated he will first read his motion and then Council can discuss.

Mayor pro tem Newberry moved that "the Council direct the Planning Board, along with the support of the Town Manager, the Town staff, and citizen's representatives to develop a comprehensive plan for the Town. The specific direction would include, at a minimum the plan should address beach nourishment, the Volunteer Fire Department facility proposed to be built, multi-use paths, bridge and road construction and repairs, flooding issues in other parts of the Town which would include Ninth Ave., Tenth Ave., Eleventh Ave., Skyline Rd. and any other areas that are prone to flooding, and any other projects that could impact our budget and tax rate. Further the plan should include cost and engineering analysis, recommended funding sources, prioritization of the projects, provisions for public hearings before being presented to the Council for approval. A recommended completion date by end of calendar year 2017."

Mayor pro tem Newberry stated he thinks it is important to have a plan in place. There are too many projects popping up without proper planning and without the details that are necessary to make good decisions. There is not enough information to provide to the public so that they can provide input. These are tax dollars that we are spending and we are all concerned about tax rates. He does not think any of us want our taxes to go up but at the same time if we have critical projects we need to know more details about them so we can make decisions on whether we would incur a tax increase and the public needs an opportunity to provide Council that input so that we can make good decisions. The Town must start with a good plan and that is what Mr. Newberry stated he was proposing.

Council Member Holland stated the proposed timeframe of a completion date of the plan by end of calendar year 2017 will mean the Town will miss the beach nourishment opportunity. He stated he did not know if that should be included in a plan. Council Member Holland stated if there is a citizen committee he sees it taking longer than the calendar year. He stated there are a lot of items requested to be placed in the plan and priority items should be placed in it and work from there. He stated his one problem with such a plan is missing that window of opportunity for beach nourishment, the project must get done. The beach nourishment project needs to be addressed quickly or the dates will be missed. Council Member Holland further stated if we do not do the beach nourishment project now the Town will have to probably wait two years for Nags Head to do a maintenance program on their beaches and in the meantime it gets costlier and Mother Nature chips away at the remaining dune in front of Pelican Watch.

Council Member McDonald stated the current beach nourishment project is in the works and would not be a part of the plan. Council has already approved the engineering and permitting for beach nourishment in front of Pelican Watch.

Mayor pro tem Newberry stated beach nourishment includes more than just Pelican Watch. He agrees with Council Member McDonald that Council has made a lot of progress with the Pelican Watch project but beach nourishment in the plan context means all of Southern Shores beaches. He stated he definitely understands the urgency of taking action on the current project. He stated how can we continue to make decisions on critical projects such as this (Pelican Watch beach nourishment) and impact tremendous costs on the citizens of the town without a plan; he stated we have got to have a plan.

Council Member Nason stated his initial thought is that conceptually he agrees with planning. He thinks that this does not mean Council's business stops; that Council is not going to do things in that time period. He stated his concern would be that Council would not act on something or a portion of something just because they are waiting on the plan to come out in January 2018. He stated he does not necessarily agree on the approach and we need to get the best information. He asked that this be tabled and Mayor pro tem Newberry work with the Town Manager to come up with what is the best approach for this input. He stated he is not saying what Mr. Newberry has described won't work but on the execution side of it the Town Manager has got to be the one who helps do this and he has to do a lot of heavy lifting to produce this document. He stated he is not prepared to task the Town's Planning Board with this. The Planning Board is not aware of this at this point. He encouraged Mayor pro tem Newberry to work with Town staff to come up with a way to do this and he is not opposed to having citizen input. He stated in reference to Mayor pro tem Newberry's request that it is awfully specific and is not sure that this will get us where we need go with that approach.

Mayor Bennett stated over the last six years, three years before he was Mayor and three years since, the Town has spent almost nine million dollars on infrastructure; roads, bridges, canal system and Council has not imposed any harsh taxes on anybody to do that. It was done because it was managed well. Mayor Bennett said the Fire Department may need a new building and we are going to try and work worth them in any way we can. A dredge project (beach nourishment) is not going to be a back breaker. He stated we are hearing a lot about raising people's taxes and it irritates the hell out of me. That is not the first step. The first step is to determine what we need to do it and who is going to pay for it. He stated we pay our way; we have done it as a Town with good management. The Town can do a beach nourishment project for \$500,000 and not raise anyone's taxes. Every street paved in this Town did not raise your taxes. We get the cart ahead of the horse sometimes. The Dogwoods Trails Task Force has made a recommendation to Council. We implement that in stages if we decide to do it and we do it in a big enough bite to make it work. We do not take on the whole thing at one time. The construction of the Trinitie Trail bridge is not an emergency. The capital street improvement plan has been going on for seven years at \$550,000 a year with no taxes raised. He stated he is not against long range planning by any stretch but he feels they have been getting along very well without piles of paper work to keep up with. The Town Manager has done his job, Town staff has done their job, Council has done their job over the years. He stated we can plan it to death or we can do it. So far we have been able to do it with good counsel from our Town Manager and staff. He agrees with Mr. Nason, and if Mr. Newberry and Mr. McDonald want to sit down and meet with the Town Manager and talk to him about what their concepts are and get them implemented then he will work with that. Until he sees that happen he stated Council needs to move ahead in the direction they are going.

Council Member Nason stated as far as cost projections, there are a lot of baby steps before you can even get there. The Fire Department had to do a needs assessment to get there. It does not happen immediately.

Mayor pro tem Newberry encouraged Council to support his motion and reconsider. He stated it doesn't mean business stops, it can run parallel. He stated every meeting he seems to have to react to a new requirements and he doesn't feel that is a good way to run a town.

Council Member McDonald stated that Mayor Bennett and Council Member Nason are talking about planning and that is what Mayor pro tem Newberry is trying to get together, a plan. The projects need to be itemized. There is already a roads plan so all the Town Manager must do is work with the Planning Board and put something together. He stated it is not asking a lot. If Council does all these projects it will be 8-12 million dollars. 8 million dollars is a 20% increase in the budget. It is something we owe our Town.

Council Member Nason stated that the reality of it is they may not all happen and not at once. A baby step needs to be taken to get a cost and without that initial information you cannot even create this plan that is proposed. The Planning Board is not authorized to hire engineers to get this information, that is the Council's responsibility Council Member Nason stated.

Council Member McDonald stated that everyone keeps mentioning this is not the Planning Board's responsibility, but he referenced Town Code Section 24-27 – "Powers and Duties of the Planning Board. It shall be the duty of the planning board to prepare plans and to coordinate the plans of the Town and those of others so as to bring about a coordinated and harmonious development of the area." He stated it goes on to explain other duties but that is part of their job and job description.

Council Member Nason stated I don't doubt that but it is the Council's responsibility too. Council Member McDonald agreed.

Mayor Bennett and Council Member Holland stated they are both inclined to table this motion until either Mayor pro tem Newberry or Council Member McDonald works with the Town Manger and the planning Board Chairman.

MOTION: Mayor pro tem Newberry repeated his initial Motion. The motion was then seconded by Council Member McDonald. Upon a brief discussion, the motion failed (2-3) with Mayor pro tem Newberry and Council Member McDonald voting YES; Mayor Bennett, Council Member Holland, Council Member Nason voting NO.

Next Agenda item:

CONSIDERATION OF SSVFD'S FACILITIES ASSESSMENT AND REQUEST

Fire Chief Ed Limbacher presented Council with a facilities request PowerPoint (attached) and answered several questions. The Fire Chief stated the Southern Shores Volunteer Fire Department is seeking financial support for the demolition and construction of a new 15,411 sq. foot two-story fire station. Mr. Limbacher encouraged Council to attend the Thursday, February 9th SSVFD Public Forum for residents on the needs assessment and departments request for a new facility. He stated the SSVFD is asking Council for a yes or no answer to financial support at the March meeting.

Council asked several questions involving size, phasing and time requirements.

Mayor pro tem Newberry stated that the Fire Department is seeking an answer in March. He acknowledged the SSVFD is holding a Public Forum, but questioned whether there should be a Public Hearing as well.

Town Attorney Gallop stated that depending on financing, a Public Hearing may be required, but for just deciding to go forward - it is not required.

Council Member McDonald asked if the SSVFD asks for all the construction funding in March will the Town be required to have a public hearing.

Town Attorney Gallop stated only when actual project loan financing is involved. The Town agreeing to financially support the decision would just be part of the normal budget process.

Council Member Holland stated Council needs to decide to move forward or not.

Next Agenda item:

CONSIDERATION OF DOGWOODS TRAILS TASK FORCE FINAL REPORT AND RECOMMENDATIONS

Chairman Mike Fletcher of the South and East Dogwood Trails Task Force formally presented the final report (attached). The Task Force made four (4) major recommendations:

1. During road rebuild, tree removal and storm water infrastructure construction should be held to a minimum necessary.
2. A walkway should be completed the entire length of South and East Dogwood Trails.
3. A physical survey should be completed for the entire length of South and east Dogwood Trails.
4. The Dick White Bridge should be closed for all motorized vehicles, except for emergency vehicles, on weekends from 7:00 a.m.-6:00 p.m. from May 15th to September 15th to largely resolve the issue of seasonal cut through traffic on the Dogwoods.

MOTION: After discussions, Mayor Bennett moved to direct the Town Manager to engage the services of the Town Engineer to design and engineer a workable plan as recommended by the Dogwood Trails Task Force to construct a 5 ft. walking/jogging path along South and East Dogwood Trails for Council's consideration. The cost of the plan is not to exceed \$30,000 and to be funded from residual monies budgeted for the South and East Dogwood Trail survey. The motion was seconded by Council Member Holland. The motion passed unanimously (5-0).

Next Agenda item:

CONSIDERATION OF CONSTRUCTION OF A NEW TRINITE/JUNIPER TRAILS BRIDGE

The Town Manager stated the Trinitie Bridge has come up in discussion the past 18 months. NCDOT replaced the culvert not too long ago and came back and put in more ties. The Town Manager reported the Town Engineer is reporting that it is not currently a safety concern and public works can overlay as necessary.

Mayor Bennett stated he was inclined to leave it as is and have the Public Works Department check on it yearly.

Mayor pro tem Newberry stated what he has read and heard was there may have been some faulty construction. He questioned if core samples were taken and why should the Town pay for faulty construction?

By consensus of all Council, the Town Manager will follow up with NCDOT and inquire if core samples were taken.

Next Agenda item:

CONSIDERATION OF INSTALLATION OF NIGHT LIGHTING AT NC HIGHWAY 12 CROSSWALKS

Mayor Bennett explained that the prosed lights would be installed at the crosswalks along NC12 (11 crosswalks). The lights would be placed at crosswalks that are not at a lighted intersection.

Council Member Holland encouraged staff to apply for a Tourism Bureau grant to help fund the cost of the lights.

The Town Manager stated the Town would need to apply to NCDOT for an encroachment agreement for the twenty-two pole installation locations.

MOTION: Council Member McDonald moved to direct the Town Manager to purchase the lights and move money from fund balance to cover the cost. The motion was seconded by Council Member Holland. The motion passed unanimously (5-0).

Council Member McDonald mentioned that crossing at the light at Chicahawk Trail and NC12 is dangerous for the children in the summertime. Children are crossing when they see stopped traffic in the turning lane and are not watching the count-down box.

Next Agenda item:

REVIEW OF EXISTING CAPITAL STREET IMPROVEMENTS PRIORITY LIST

The Town Manger stated the draft capital street improvement list is the current recommendation based from staff observations. This is not necessarily the final version that will be presented for consideration.

The Town Manager stated there is an error in the list. Bayberry Trail was meant to also include Dewberry Lane. Yaupon Trail has been at the top of the list for two years. Staff recommends doing it in two phases. There is currently bulkheading work being completed. He also stated that hopefully Juniper Trail will be completed this year with remaining funds from this current fiscal year. He stated when Council adopts a plan for the year staff tries to work the list from the top down but depending on costs that are received it may not always be possible.

Mayor pro tem Newberry asked will there be an opportunity to see the design and is there curbs, gutters and swales. The Town Manager stated all street rebuild designs have always been available for viewing at Town Hall, on the Town website, and at the citizen meetings on a street.

[Clerk's Note: A copy of the January 26, 2017 Draft Capital Street Improvement List is attached]

Mayor Bennett stated that Council Member McDonald, Council Member Holland and himself attended a scoping meeting in Washington NC on January 31st. The purpose of the meeting was to allow Mr. Ken Willson from CB&I to explain the scope and reasons for the Southern Shores potential beach nourishment project and hopefully expedite issuance of the necessary permits to move forward. Mayor Bennett stated he left the meeting feeling positive that the permits could be obtained in time. He said the Town still needs to get the easements from the property owners in the proposed area of beach nourishment, and encouraged the Town Council to levy a special assessment on the owners to help defray some of the costs.

GENERAL PUBLIC COMMENT

Mayor Bennett called for public comment and the following citizens offered comment:

- Joe Van Gieson-About the Trinitie Bridge, it might be appropriate to ask for sampling and analysis records for the fill material that was used as well as the compaction logs.
- Tommy Karole-Disappointed in the lack of planning, and there is a need for a plan and hopes Council will reconsider it. He would like to put a food truck in the Kitty Hawk Elementary School parking lot on summer weekend and donate 100% of proceeds to either the Surf Rider foundation, Schools, or the Fire Department.
- Sam Williams-Speaking as Chairman to the Planning Board. He stated he is a supporter of long term plans and phasing things. However he disagrees with the Planning Board having the lead on any strategic planning for the Town. Planning Boards typically deal with variances and not writing reports. The makeup of the Planning Board changes as terms change. Time frame is too short and the report will not get done in that timeframe. It is just

too big a job. Also, the Planning Board is comprised of volunteers and when they volunteered it wasn't to get involved writing reports.

- Pat Wilson-been here 14 years. Would like to address Mr. Newberry's proposal. We have a Town Manager, Town Council, and Town Planning Board, and she doesn't feel we need another organization to look into things. Town Council needs to look into things themselves and communicate with one another. Supports the SSVFD. If the Fire Chief says we need a new facility, then we need a new facility. Can't diddle around with upgrading equipment and needs. Council meetings are too long, do some work ahead of time.
- Geri Sullivan-spent a 35 year career in managing large projects and the last years as financial manager and controller. Planning is being proactive not reactive. Don't need detailed engineering plans, can research on internet. Already have a plan in place for the roads; done correctly a long-range plan becomes a living document that gets updated yearly. Would be happy to work with people and bring a plan and bring some of her skills to it.
- Trisha Farinholt-supports beach nourishment and Dogwood Trails walking path. Closing the Dick White Bridge only shifts the traffic problem. Emergency safety issue closing the bridge, even for a five-minute delay.

[Clerk's Note: A copy of the public comment signup sheet is hereby attached].

Hearing no other citizens wishing to speak Mayor Bennett closed public comment.

Mayor's Comments:

Mayor Bennett stated he has two motions he wishes for Council to consider based on his earlier comments about the meeting in Washington and some of the necessary steps that need to be taken if the beach nourishment project is going to work.

Mayor Bennett stated the motion is to direct the Town Manager, in consultation with the Town Attorney, to prepare a petition requesting the Town to levy a special assessment on all parcels of property in the proposed project area, in the amount of thirty percent of the Town's estimated cost of \$500,000. The assessments maybe levied over a five-year period. The number of parcel owners required by law to sign the petition must be reached by March 7, 2017.

Mayor Bennett stated the assessment is to defray some of the costs and paid by the property owners that would benefit the most. If the Town ever occurred a larger beach nourishment project and we didn't have the homeowners contribute that would put a burden on the Town.

Council Member Nason stated the cost has also increased from the original projections.

Mayor pro tem Newberry stated he is not opposed but this matter was not on the Agenda and it is not fair to the people who are going to be assessed without an opportunity to provide input.

Mayor Bennett stated he has spoken to a good number of Pelican Watch property owners, and the homeowner's association president. A petition would first need to be received to see if they are willing to contribute and how much.

Town Attorney Gallop stated the petition is a way of initiating the process for Council to then consider. There will then be notices and public hearings associated with confirming that an assessment is to be levied. The Mayor is essentially tasking the Town Manager with helping prepare a petition that politically may never ultimately be approved in any event. Council may never approve the project or may never approve the assessment. If the petition doesn't come to Council in time to trigger the assessment than it might be a null issue even if Council wanted to do an assessment.

MOTION: Mayor Bennett repeated his motion. The motion was seconded by Council Member Holland. The motion passed unanimously (5-0).

MOTION: Mayor Bennett moved to direct the Town Attorney to proceed with all necessary legal steps to acquire easements from all property owners in the proposed nourishment project and the budget be amended in the amount of \$25,000 to cover the costs, with the funds to come from the unassigned fund balance. The motion was seconded by Council Member Holland. The motion was seconded by Council Member Holland. Following discussions, the motion passed 3-2 with Mayor Bennett, Council Member Holland, Council Member Nason voting YES; Mayor pro tem Newberry and Council Member McDonald voting NO.

Council Member McDonald asked about the current easements that have already been obtained for Kitty Hawk and if they would need to be done again.

Town Attorney Gallop stated he will let Attorney Robert Hobbs make that decision.

Mayor pro tem Newberry asked Attorney Gallop is time is of the essence. Town Attorney Gallop stated it took a year to do the Town of Duck's title work. He stated he mentioned at the last meeting that Council would need to decide by this meeting.

Mayor Bennett stated he would not have brought the easements up if he didn't feel it was important to get it done.

Council Member's Comment & Responses

Mayor pro tem Newberry stated he just wanted to respond to a citizen's comment about the long meetings. He stated NC law does not allow three or more Council Members to meet without publishing a meeting notice. He stated Tommy Karole has a good idea about a hot dog stand at the Kitty Hawk School. The Town should capitalize on a bad situation. Also, he will be attending the Gov-Ed Committee meeting and will report back at the next Council Meeting.

Council Member Holland thanked the County Commissions in voting to assist the Town of Southern Shores Beach Nourishment project. He reported on the Tourism Board's new officers for the year. A Town Hall series by Saving Lives Task Force which will address substance abuse and addiction concerns Tuesday February 21st 5:30-7:30 p.m. in the Nags Head municipal complex. He also asked the Town Manager if he could provide the budget calendar schedule as he has done in previous years.

Council Member McDonald also thanked the County Commissions for agreeing to match up to \$500,000 for beach nourishment.

Council Member Nason thanked County Manager Bobby Outten for kick starting the County portion of funding for beach nourishment.

ADJOURN

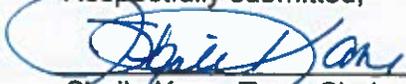
MOTION: Council Member Holland moved to adjourn. The motion was seconded by Council Member McDonald. The motion passed unanimously (5-0). The time was 8:49 pm.

ATTEST:


Thomas G. Bennett, Mayor



Respectfully submitted,


Sheila Kane, Town Clerk

**Town of Southern Shores
Budget Amendment Number # 13**

Streets Increases			Streets and Administration Decreases		
Account Number	Description	Amount	Account Number	Description	Amount
57-50153	<u>Streets</u> Hurricane Matthew	133,495	57-50906 57-50798	<u>Streets</u> Street Maintenance Dogwood Survey	35,000 33,025
			42-50211	<u>Administration</u> Contingency	65,470
		\$ 133,495			\$ 133,495

Explanation: To cover costs associated with Hurricane Matthew Recovery

Recommended By:

J. Peter Rascoe, III, Town Manager

Approved By:

Tom Bennett, Mayor

Date



Town of Southern Shores

5375 N. Virginia Dare Trail, Southern Shores, NC 27949

Phone 252-261-2394 / Fax 252-255-0876

www.southernshores-nc.gov

RESOLUTION 2017-02-01

Resolution Requesting NCDOT Concurrence with Bid Award

WHEREAS, the Southern Shores Town Council did, on July 5, 2016, authorize Town staff to proceed with final design and construction, in partnership with the North Carolina Department of Transportation (NCDOT), of the storm water remediation project to be located adjacent to and within the right-of-way of NC State Highway 12 in Southern Shores, Dare County, NC; and

WHEREAS, since some of the project's funding sources are being provided by and through the NCDOT, it was therefore necessary to seek bids for construction of the project not only in accordance with Article 8 of Chapter 143 of the North Carolina General Statutes, but also in strict accordance with NCDOT agency bidding guidelines; and

WHEREAS, NCDOT bidding guidelines require the Town of Southern Shores to request NCDOT concurrence with an award of a contract to the lowest qualified bidder; and

WHEREAS, bids were received for construction of the project from three qualified firms, of which the lowest bid of \$ 186,651.50 was received from RPC Contracting, Inc.; and

WHEREAS, the Town Manager, having been authorized to award a contract to RPC pursuant to Council action of July 5, 2016 consistent with the project budget adopted June 7, 2017 as amended, has awarded the contract to RPC, Contracting Inc. based on its lowest bid of \$186,651.50;

NOW THEREFORE IN ACCORDANCE with the Article 8 of Chapter 143 of the North Carolina General Statutes and the bidding guidelines of the NCDOT, the Southern Shores Town Council hereby affirms the Town Manager's award of the contract to RPC, Inc., subject however to concurrence by the NCDOT; and

FURTHER, the Town of Southern Shores does hereby formally request concurrence by the NCDOT of the Town's award of a contract to RPC, Contracting Inc.

This the 7th day of February, 2017.

Thomas G. Bennett, Mayor

Attest: _____
Sheila Kane, Town Clerk

Bid Tabulation Sheet - NC 12/East Dogwood Drainage Project - Town of Southern Shores

1/12/2017

Contractor	Envelope #1				Envelope #2			Inclusion of Addendum Items
	Proof of Contractors License	Proof of NCDOT Prequalification	E-verify Affidavit	5% Bid Deposit	Bid Amount	Bid Form Completion		
RPC Contracting, Inc.	X	X	X	X	\$186,651.50	X	X	
Barnhill Contracting Company	X	X	X	X	\$224,516.30	X	X	
Thunder Contracting, Inc.	X	X	X	X	\$329,660.00	X	X	

Prepared by: Anlauf Engineering, PLLC





GENERAL PUBLIC COMMENT SIGN-UP SHEET
February 7, 2017

We encourage your public comments. All speakers must recognize the utmost importance of maintaining the decorum of Town meetings and of the need for all to have an opportunity to speak in a timely and uninterrupted manner. Please limit your comments to 3 minutes and speak courteously and respectfully to the Council as a whole. The 3 minute time allotted is your time to speak. You may choose to use all of it or less, but it is not transferrable to anyone else. Public comment is your opportunity to provide input on Town matters. It is not meant to be a dialogue exchange between you, members of the Council, or others in the audience.

NAME	MAILING ADDRESS OF RESIDENT	TOPIC
Karen Divola Price	18 Ocean Blvd	Beach Nourishment
VAN PRICE	18 OCEAN BLVD	Beach Nourishment
LORI WILLIAMS	109 BUDDING PAN	LAWN
PAUL BOWEN	8 SEABASS CIR	Beach Nourishment
Ann Laughner	25 E. Dogwood Tr.	Dogwoods Trail Taskforce
Bob Monner	2 Sea Bass	Dune
Jenna Monner	2 Sea Bass	Dune
JOHN POWER	246 SEA OATS	DOGWOOD TASK
JANET OWEN	65 S. DOGWOOD	" "
Joe Van Gieson	228 N Dogwood	Comprehensive Planning Trinity Bridge
CHARLES SEANACH		

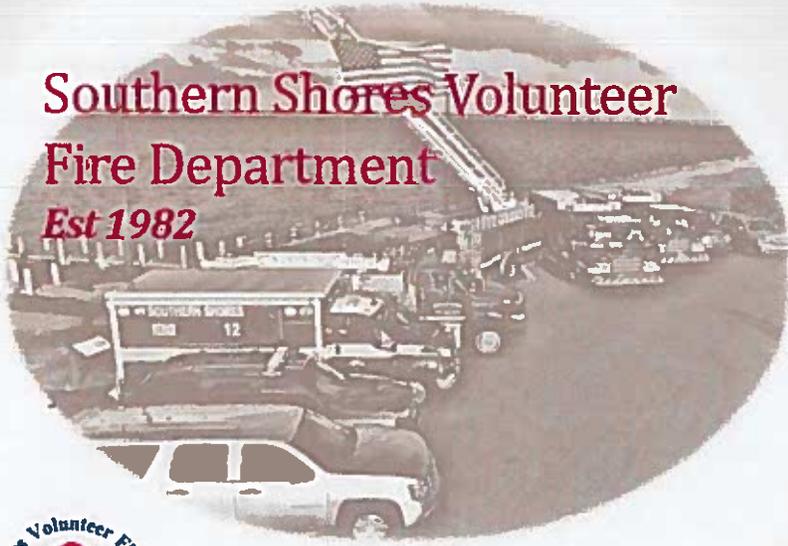


GENERAL PUBLIC COMMENT SIGN-UP SHEET

February 7, 2017

We encourage your public comments. All speakers must recognize the utmost importance of maintaining the decorum of Town meetings and of the need for all to have an opportunity to speak in a timely and uninterrupted manner. Please limit your comments to 3 minutes and speak courteously and respectfully to the Council as a whole. The 3 minute time allotted is your time to speak. You may choose to use all of it or less, but it is not transferrable to anyone else. Public comment is your opportunity to provide input on Town matters. It is not meant to be a dialogue exchange between you, members of the Council, or others in the audience.

NAME	MAILING ADDRESS OF RESIDENT	TOPIC
✓ AL EWERTING	187 ^S Dogwood TRS	TOWN BUSINESS
Joe Van Guesen	228 N Dogwood	Part Section 3 of Agenda
Tommy Karol E	77 DOGWOOD	TOWN
Charles Wash	26 Pelican Walk	Beach Abatement
Sara Williams	109 Pudding Pan	PLANNING BUS LIT
✓ Pat Wilson	101 Bear Track	Town Council
Lee Sullivan	31 Fork Ave	Planning/General
Trisha Farinholt	69 Ocean Blvd	Beach Marker / Dogwood Trail / Closure of New Bridge



Southern Shores Volunteer Fire Department *Est 1982*



15 S. Dogwood, Southern Shores, NC 27949
www.ssvfd.net

Our Mission

It shall be the mission of the Southern Shores Fire Department to provide the highest quality service to the communities we are entrusted to serve. Preservation of life, property and Incident stabilization through courage and dedication shall be our greatest priority. Throughout any event our members will be caring and empathic to all of our citizens. We will go above and beyond in every situation to bring about the best possible resolution.



15 S. Dogwood, Southern Shores, NC 27949
www.ssvfd.net

Our History

The Southern Shores Volunteer Fire Department was incorporated in 1982, with the station located at 28 East Dogwood Trail. This station was originally part of the rural Colington fire district. It was given to Kitty Hawk when they broke away and finally became the Southern Shores East Station in 1982.

In 1988 the Southern Shores South Station(across from KHES) was built on land donated by the Kitty Hawk Land Company. It was completed in 1989 and currently serves as the Departments headquarters for operations.



15 S. Dogwood, Southern Shores, NC 27949
www.ssvfd.net

Meet Your Neighbors

Andy
Firefighter,
Pilot for FedEx



Stephen
Firefighter,
College Student



Ronnie
Deputy Chief,
Supervisor, Dominion Power

Paul
Lieutenant,
Dare County EMS



Mike
Chief Engineer,
Retiree



15 S. Dogwood, Southern Shores, NC 27949
www.ssvfd.net

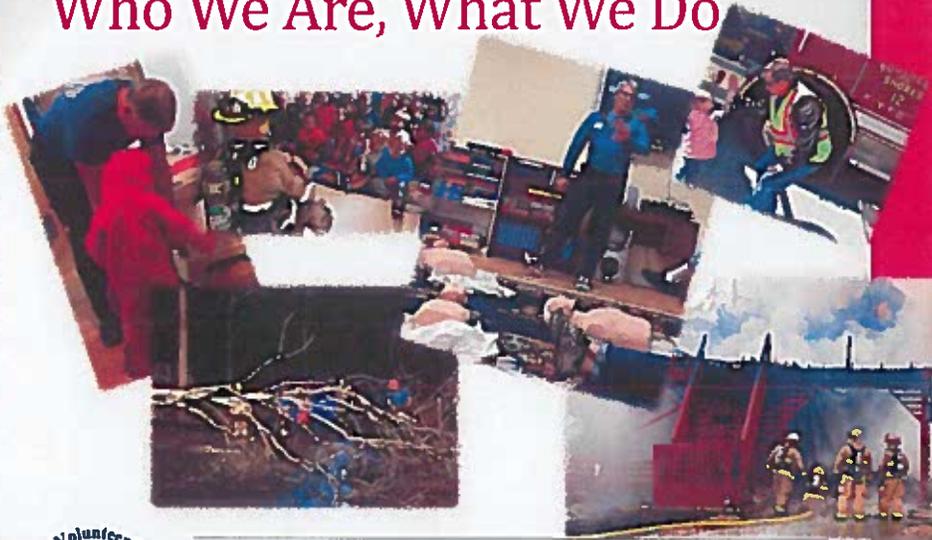
Who We Are, What We Do

- *Owners: Crystal Clear Pool and Spa Cleaning*
- *Outer Banks Community Foundation*
- *Dominion Power*
- *NC Aquarium*
- *Dare County EMS*
- *College Students*
- *High School Students*
- *Local Home Builder*
- *Retirees*



15 S. Dogwood, Southern Shores, NC 27949
www.ssvfd.net

Who We Are, What We Do



15 S. Dogwood, Southern Shores, NC 27949
www.ssvfd.net

Being a Volunteer Fire Fighter

- Initial 40 hours of specific training:
 - History
 - Extinguishers
 - Vehicle Extracation
 - Hoses and Appliances
 - First Aid
 - Personal Protection Equipment
 - Communications
- Ongoing Annual Training to maintain skills: 36 hrs.
- Weekly vehicle maintenance
- Equipment maintenance
- Response time



Being a Part of a Family, Serving Your Community



15 S. Dogwood, Southern Shores, NC 27949
www.ssvfd.net

Its takes a team to support a community.....

- *Mutual Aid with other Departments*
- *Aid & Assist EMS crews*
- *Rehab Support Teams*
- *Recruiting and Public Relations Efforts*
- *Junior Member Program & Community Foundation*



15 S. Dogwood, Southern Shores, NC 27949
www.ssvfd.net

What We Have Done....

- *Internship with High School students*
- *Expanded our relationships with Mutual Aid Departments*
- *Exciting Department Events w/ Community*
- *Social Media*
- *Department Store*



15 S. Dogwood, Southern Shores, NC 27949
www.ssvfd.net

Looking Toward the Future....

- *Assessing Personnel Needs & Challenges*
- *Assessing Department Equipment Needs*



15 S. Dogwood, Southern Shores, NC 27949
www.ssvfd.net

What We Can Do Together.....

- *Protect Our Families*
- *Protect our Investments*
- *Raise Awareness*
- *Support Our Neighbors, Support Each Other*



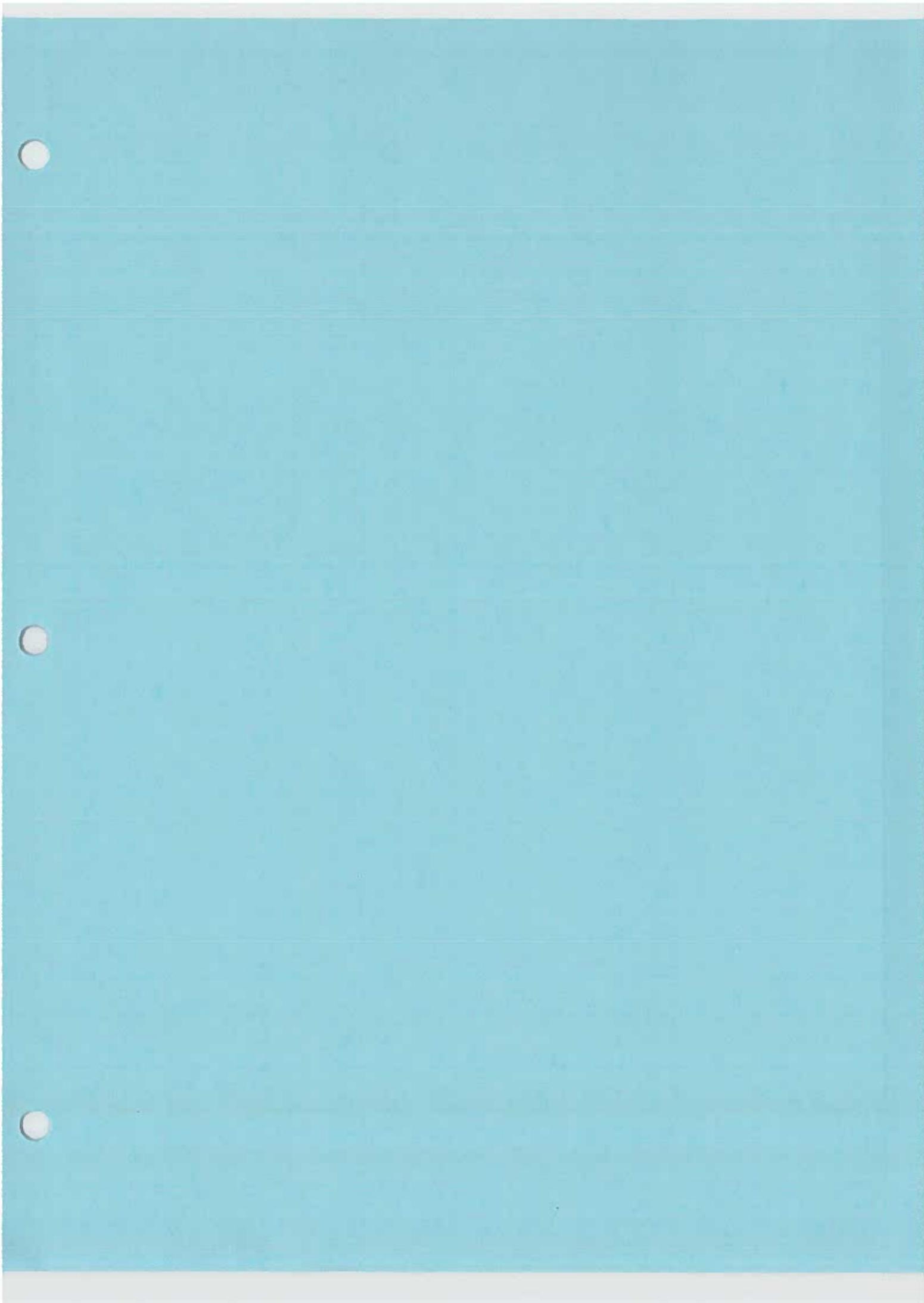
15 S. Dogwood, Southern Shores, NC 27949
www.ssvfd.net

Questions?



15 S. Dogwood, Southern Shores, NC 27949
www.ssvfd.net





January 17, 2017

Town Council
Town of Southern Shores
Southern Shores, NC 27949

Subject: Task Force Final Report

Gentlemen:

It is my pleasure to submit to you the final report of the South and East Dogwoods Task Force. The Task Force believes the report, entitled "Evaluation of South & East Dogwood Trails," responds to the charge the Task Force was given by you.

The Task Force thanks you for the opportunity to provide input on this important issue.

If you have any questions, please contact me.

Sincerely,



Michael Fletcher
Chairman, South and East Dogwoods Task Force

Enclosure: Final Report
cc: Peter Rascoe, Town Manager
Shiela Kane, Town Clerk

EVALUATION OF SOUTH & EAST DOGWOODS TRAILS

FINAL REPORT

TOWN OF SOUTHERN SHORES

January 17, 2017

Authored by: South and East Dogwoods Task Force

TABLE OF CONTENTS

	<u>Page</u>
Table of Contents	1
Introduction	2
Major Recommendations	2
Issue – Road Rebuild	3
Issue – Long Term Maintenance and Future Improvements	5
Issue –Walkway	5
Issue – Physical Survey	8
Issue – Seasonal Cut-Through Traffic	9
Conclusions	11
<u>Appendices</u>	
Table 1 – Options for Bridge Closure	12
Attachment 1 – Task Force Members	13
Attachment 2 – Charge to Task Force	13
Attachment 3 – Task Force Procedures	14
Attachment 4 – Survey Results	14
Attachment 5 – TOSS Police Department Accident Data	14
Attachment 6 - Southern Shores Rebuild Standards	15
Attachment 7 – Walkway Drawings	15
Attachment 8 - Solutions Workshop Results	15
References	16

EVALUATION OF SOUTH & EAST DOGWOOD TRAILS

FINAL REPORT

INTRODUCTION

The South and East Dogwoods Task Force (i.e., Task Force) was established by the Southern Shores Town Council. The Council appointed an independent selection committee to solicit applications and choose the nine-member Task Force. Membership on the Task Force was open to any full-time Southern Shores resident who chose to apply. The Selection Committee completed its work in September 2015, and the nine-member Task Force began work in October of 2015.

The Task Force (Attachment 1) was charged (Attachment 2) to provide a report to the Town Council regarding issues of vehicular and pedestrian safety, any future street improvements, and long-term maintenance of South and East Dogwood Trails. The report was to identify any issues and possible solutions for these topics through the Task Force's research and input from Southern Shore's property owners. The Task Force could also include any other issues it may identify regarding these two streets. The procedures and processes the Task Force used to address this charge can be found in Attachment 3.

It should be noted that other than providing the initial charge to the Task Force, the Southern Shores Town Council did not interact with or provide additional directions to the Task Force.

MAJOR RECOMMENDATIONS

Although there are a number of recommendations presented in this report, the major recommendations are:

- During road rebuilds, tree removal and stormwater infrastructure construction should be held to the minimum necessary.
- A walkway should be completed for the entire length of South and East Dogwood Trails.
- A physical survey should be completed for the entire length of South and East Dogwood.
- The Dick White Bridge should be closed to all motorized vehicles, with the exception of emergency vehicles, on weekends from 7:00 AM to 6:00 PM from May 15 – September 15 to largely resolve the issue of seasonal cut-through traffic on the Dogwoods.

Additional recommendations can be found in the corresponding Issue sections of this report.

ISSUES AND RECOMMENDATIONS

Issue – Road Rebuild

When Southern Shores was developed, a survey of roadways and lots was completed. Then roads were paved within the surveyed roadways. During paving, the macadam (i.e., a heated mixture of tar and gravel applied to the surface of a road) was laid over the sand, on a clay base, or on a compacted gravel base. As these roads come to the end of their useful lifespans they must be rebuilt.

During the issue development phase several issues (e.g., tree cutting in the right-of-way and new stormwater infrastructures) and suggestions related to the road rebuild effort were identified.

One suggestion was to upgrade (i.e., where possible widen, pave and straighten) South and East Dogwood Trails. The reasoning behind this suggestion was that these upgraded streets would permit a quicker and easier passage for local and seasonal cut-through traffic which would greatly reduce traffic backups on these streets. Such a change would fundamentally change the character of Southern Shores. These upgrades are not under consideration by the Town and the resident survey data suggests that such a change is not supported by Town residents.

In small communities, narrow streets/roads are generally considered safer than wider roads. Most of the streets in Southern Shores are already considered narrow (i.e., 18 - 20 feet wide). Currently the Town does not plan to widen any street during the road rebuild process. The exception to this policy is that a road may be widened to permit easier passage of emergency vehicles (i.e., fire trucks and ambulances).

A majority of the Town's residents who responded to the Task Force's survey (Attachment 4) enjoy the character of South and part of East Dogwood Trails. The sections of South and East Dogwood Trails that are enjoyed the most are the relatively narrow, winding roads with overhanging trees. It reminds people of a small town setting and not a suburban setting with wider and straighter streets. The Task Force believes that the special character of Southern Shores be considered in the road design process. For example maintaining narrow road widths and minimizing curbing.

Among the issues raised about this type of roadway is the safety of drivers and pedestrians due to the narrowness and winding of the roadway. Drivers felt that it is safe to drive on these sections of the South and East Dogwood Trails. Pedestrians believed that in the same sections of the roadway, it was unsafe to walk, run or bicycle so they refrained from doing so. Some bicyclists indicated they will still use the street. Therefore appropriate signage should be used to alert drivers to the possibility of bicyclists using the roadway. For example, "Share the Road" or "Bicycles May Use Full Lane" signs could be installed along South and East Dogwood Trails.

The Task Force felt that there are no significant vehicular safety issues for these sections of the roadways. However, the Task Force felt that something should be done to improve safety of the walkers, runners and bicyclists.

During the ongoing road rebuild the Town has been clearing its right-of-way of brush and trees if within four feet of the hard surface of the roadway. This is being done to improve driver safety. As previously stated, drivers already consider South and East Dogwood Trails safe. Studies by the Town's Police Department show that driving on these sections of South and East Dogwood Trails is safe (see Attachment 5). In addition, many residents in these areas feel that brush and tree cutting is significantly degrading the character of the roadway. The Task Force found no convincing evidence that a four foot clearance on both sides of South Dogwood and parts of East Dogwood was necessary for safety or other purposes.

Stormwater runoff on South and East Dogwood Trails seems to vary with reference to the dune crest. Stormwater runoff on South and the sections of East Dogwood Trails west of the dune crest is generally minimal. Stormwater runoff on East Dogwood Trail east of the dune crest appears to be more significant. This is likely related to the larger roadway surface area where stormwater is not absorbed.

Recommendations

- MAJOR RECOMMENDATION - During road rebuilds, tree removal and stormwater infrastructure construction should be held to the minimum necessary. (This recommendation is to provide emphasis to current Town guidelines.)
- The Town should continue its policy of not widening roads unless emergency vehicles cannot gain access to their desired location.
- Current stormwater runoff patterns should be considered before any new stormwater infrastructure is built.
- Consider the special character of Southern Shores in the road design process.
- Decisions regarding tree removal, land disturbance, and beautification within the right-of-way should include ongoing discussions with affected homeowners and professional consultants such as an engineer, architect, landscape architect and to achieve the best possible outcome for beauty and function.
- Install signage on South and East Dogwood Trails that warns motorists that bicyclists may be using the roadway.
- Recommendations related to the walkway issue should be considered in conjunction with these recommendations.

Issue – Long Term Maintenance and Future Improvements

A long term maintenance program for South and East Dogwood Trails should consist of selective trimming/cutting within the Town's street right-of-way, removing tree roots that are impacting roadways, filling potholes before they get too large, and erosion control. Currently, streets are rebuilt on a priority system with the worst sections being rebuilt first. The Task Force believes this to be a good system for ranking road rebuilds and that this system should continue into the future. Therefore, it is expected that South and East Dogwood Trails will be rebuilt in sections.

Southern Shores has adopted its own design standards for street rebuild projects (Attachment 6). These standards incorporate some NCDOT standards by reference while other standards vary significantly from NCDOT standards. Examples of these significant variations in standards include the standard for right-of-way distances to be cleared next to the hard road surface and the flexibility to preserve vegetation. The Town's standards, with some recent revisions, have been in place for almost a decade.

Recommendation

- Develop a long term maintenance program specific for South and East Dogwood Trails and some of their feeder streets that takes into account the residents desire to maintain the existing character.

Issue –Walkway

A number of the streets in Southern Shores are narrow and densely lined with trees and shrubs. Many of these streets have also been winding with some changes in the topography. These narrow, winding and rolling streets are seen as part of the character and uniqueness of Southern Shores by many residents and visitors. This is especially true for sections of South and East Dogwood Trails and their feeder streets. Although community expectations favor maintaining this historical character of the neighborhoods they also want a paved walking path beside these streets.

In the Task Force's survey of residents (431 responses), several questions were asked about the safety of pedestrians, bikers, and drivers on South and East Dogwood Trails. The majority of respondents agreed or strongly agreed that they did not feel safe walking or biking on the South and East Dogwood Trails (239 of 428 answers). A larger majority of respondents agreed or strongly agreed that a walking path should be added along the South and East Dogwood Trails (276 of 423 answers). Responders were more evenly split over whether the South and East Dogwood Trails should be widened to accommodate walkers and bikers. This was echoed in the Survey where a large number of attendees wanted some form of a paved path. Currently, north of the Town cemetery there is no walking path and people who like to walk and run must do so on the street which is perceived as dangerous. When asked what type of a paved path they

wanted they were generally supportive of a five-foot wide meandering walkway instead of the wider ten to twelve-foot multiuse path.

The Task Force is supportive of the construction of a continuous walkway along the South and East Dogwood Trails. For purposes of this report, the Task Force is using the term "walkway" to mean a five foot wide paved area (unless a wider path is specified) to run beside South and East Dogwood Trails.

A path, 10 to 12 feet wide, also known as a bike path or multiuse path, is impractical given the narrowness of the right of way, the closeness of homes to the current road surface, and the additional trees that would have to be removed. A wider multi-use or bicycle path on East Dogwood, on the east side of the dune, is more practical but to be truly worthwhile it should connect to existing or future paths in Southern Shores and adjacent communities.

The Task Force feels that any walkway along South and East Dogwood Trails should incorporate the elements of a greenway to maintain the environmental and scenic qualities that exist currently. A greenway can be defined as a linear interconnecting park, a strip of land near an urban area set aside for recreational or environmental use, or any scenic trail or route set aside for travel or recreational activities. A study by the University of Massachusetts discusses a greenway's significance in maintaining environmental quality and increasing aesthetic values, livability and quality of life.

The walkway should wind its way in and around the trees to save as many trees as possible (Attachment 7). Also, the topography of the natural environment should be maintained to the extent possible.

The new walkway should start at the end of the current concrete walkway at the north end of the Town cemetery on South Dogwood Trail and continue to the Southern Shores Civic Association (SSCA) dune crossover at the eastern end of East Dogwood Trail. The walkway should be contiguous (i.e., on one side of the street) if possible, even though it may not be possible given the location of the existing road surface within the right-of-way. If the path is non-contiguous, pedestrian crosswalks should be used to connect the walkway. Some retaining walls, ramps and slight roadway realignment may be necessary under extreme conditions. Most of the seemingly difficult grade conditions can be overcome with creative and proper engineering and/or design.

When considering the building of a walkway, it is necessary to be aware that South Dogwood Trail and the western section of East Dogwood Trail are in many ways quite different from East Dogwood Trail on the east side of the dune. West of the dune crest, South and East Dogwood Trails are narrower, winding and tree lined. East of the dune crest, the East Dogwood Trail right-of-way and the roadway are wider. The roadway is divided by a central planted median, a relatively narrow walkway is painted on the southern edge of the east bound lane.

Because of the width of the right-of-way on East Dogwood Trail (east of the dune's crest), walkways could be constructed on both sides of the roadway. The walkways should be 8-10 feet

wide to accommodate more seasonal foot traffic since it is a beach access street. The walkway on the north side of the street should be built from Hillcrest to the intersection of East Dogwood Trail and NC 12 where a crosswalk from the north side to the south side of the street should be painted. The walkway on the south side of the roadway should be a continuation of the proposed walkway coming from the west side of the dune.

Major safety improvements must also include larger pedestrian refuge areas on the east and west sides of the intersection of East Dogwood Trail and NC 12 so groups of beach goers can safely wait to cross. Planning and design of the Rte. 12 and East Dogwood Trail stormwater mitigation project should either be integrated with the recommended pedestrian refuge area or the project should allow for a future addition of such a refuge area. In addition, there should be a marked pedestrian crossing on Ocean Blvd at the crossing point to the SSCA dune crossover, even if the entire walkway is not approved.

For safety, the walkways on both South and East Dogwood Trails should be separated from traffic by at least a three to six foot wide grass swale. If the space available is less than three feet, a protective curb should be installed for safety reasons. It should be noted that some curbing could increase the volume of stormwater runoff.

Small flowering trees should be planted where practical to aesthetically enhance the walkway improvements. Planting South and East Dogwood Trails' namesake tree would be both appropriate and aesthetically pleasing.

Recommendations:

- MAJOR RECOMMENDATION - A walkway should be completed for the entire length of South and East Dogwood Trails.
- The walkway should connect to the current path at the north end of the cemetery on South Dogwood and end on East Dogwood at the Southern Shores Civic Association (SSCA) crossover.
- The walkway should be five feet wide and be designed to contain the elements of a greenway.
- The walkway should be separated from the road by a green space three feet to six feet wide. If the space available is less than three feet, a protective curb should be installed for safety reasons.
- The walkway should meander among the trees thereby limiting the number of trees to be removed.
- The walkway should, where feasible, follow the grade of the land.
- The walkway should be contiguous if possible.

- A pedestrian crosswalk should be used to connect the walkway if the walkway is non-contiguous.
- All pedestrian crosswalks should be clearly marked, including the crossing at East Dogwood Trail and Ocean Blvd.
- Retaining walls, ramps and roadway realignment should be considered under extreme conditions.
- The existing sidewalk from the Route 158/South Dogwood intersection to the school should be improved in accordance with the above recommendations.
- For safety, the East Dogwood Trail walkways, from Hillcrest to NC 12, should be on both sides of the road and be at least five feet wide.
- Provide school bus pick-up and drop-off waiting areas. Bike racks, a bus stop size shelter, and benches should also be provided to accommodate both school buses and pedestrians, especially at the bus stop on Holly, Beechtree and Bayberry Trails and East Dogwood.
- Construct pedestrian refuge areas, large enough to safely accommodate 10-15 beachgoers, on both sides of the East Dogwood and NC12 intersection.
- Appropriate signage should be installed on South and East Dogwood Trails to alert drivers to roadway bicycle use.
- Plant small flowering trees where practical to aesthetically enhance walkway improvements.
- Involve residents in the walkway design process, especially in those walkway sections adjacent to their properties.

Issue – Physical Survey

As described above, Town residents identified several concerns associated with the current road rebuild process (e.g., tree removal, stormwater infrastructure construction and roadways may not have been constructed in the center of the right-of-way, many of the right-of-way and lot corner markers have been lost or destroyed, and the fate of irrigation systems and flower beds that residents have built in the Town's roadway right-of-way. These conditions can and have caused confusion and sometimes anger when a road rebuild is conducted.

To aid in planning and decision making, a physical survey (including roadway right-of-way and large tree location) should be completed as one of the first steps in any road rebuild and the first step in designing and constructing a walkway along South and East Dogwood Trails. It should be noted that a preliminary recommendation supporting the need for a complete physical survey

was presented to the Southern Shores Town Council in June 2016. It has since been approved by the Council and is in the process of being executed.

Recommendation

- MAJOR RECOMMENDATION - A physical survey should be completed for the entire length of South and East Dogwood Trails.

Issue – Seasonal Cut-Through Traffic

Seasonal traffic volume (i.e., “cut through traffic”) has been an issue in Southern Shores, and specifically on South and East Dogwood Trails, for many years. During the Task Force’s information gathering phase, we collected information on the Town’s past efforts to identify viable ways to reduce traffic flow through the residential portions of the Town. Past and continuing efforts to mitigate the inconvenience caused by heavy traffic flow, both by tourist and locals, have been hampered by the fact that possible solutions being considered are often not within the control of the Town.

The level of concern about seasonal traffic voiced by the Town’s residents during the information gathering phase was so striking that the Task Force thought it imperative to explore the issue further despite the frustration generated by the knowledge that previous efforts had not been successful. The concern about the volume of seasonal traffic was evident both in the survey results as well in the many comments attached to the survey.

While it can be argued that a speed limit reduction would reduce cut-through traffic to some degree, there is no convincing evidence to that effect. We believe that reducing the speed limit is not justified on streets already deemed safe for vehicular traffic by accident data and a majority of Town residents. Also, once the roadways are jammed due to the volume of traffic, speed becomes a moot point.

The Task Force held a public workshop that provided very good input and suggestions for decreasing and or managing seasonal traffic volume. Several of the suggestions are listed below:

- Reduce the speed limit to 15 mph.
- Place “removable” stop signs at each intersection.
- Have Town Police patrol more frequently to reduce traffic violations, direct traffic and assist residents in getting out of their driveways.
- Place speed bumps of various types along the most heavily traveled routes.
- Have the Town sponsor a series of “street fairs” that close the roads on weekends.
- Close a bridge on either South or East Dogwood Trails during tourist season weekends.

Of all of the ideas the Task Force considered, we felt that the idea of closing a bridge held the most promise for greatly reducing cut through traffic.

It is within the power of the Town to temporarily close streets without impacting Powell Bill funding (i.e., those State funds received for road and bridge repair). If these temporary street closures are applied to roadways where bridges are located, this would in effect create a cul-de-sac on either end of the bridge. The bridge traffic at the time of street closure should be limited to pedestrians and bicycles. The temporary barriers creating the closure should be easily moveable to allow emergency vehicles to quickly pass over the bridge.

The Task Force evaluated the pros and cons of four different levels of closure. This information is shown in abbreviated form on Table 1 in the Appendices.

In the Task Force's opinion, the most viable solution to eliminate cut through traffic is to close the Dick White Bridge for the period of heaviest traffic volume on weekends during the tourist season (Option 1 in Table 1).

While the Task Force understands that the recommendation to close the Dick White Bridge will be controversial, we have exhaustively examined prior recommendations and found no other solution that would solve the issue of seasonal traffic volume on South and East Dogwood Trails. In addition, the Task Force believes that both the volume and level of concern about seasonal cut-through traffic volume warrants this recommendation.

Although not part of this study, it would be amiss not to mention potential side effects of the temporary closures of the Dick White Bridge. It is reasonable to assume that cut-through traffic will seek other routes through Southern Shores to bypass the heavily congested parts of NC 12. It is impossible at this point to determine whether such rerouting of traffic would prove to be too burdensome given that Juniper/Trinitie, Chicahauk, Porpoise Run, Dolphin Run, East Dogwood Trail, Sea Oats, Wax Myrtle, and Hillcrest routes already see some heavy cut-through traffic.

Monitoring of South and East Dogwood Trails, their side streets and all cut-through routes should be conducted to determine if the bridge closure is working as intended and not causing additional problems on other cut-through routes. This will help determine if any adjustments need to be made.

Recommendations

- **MAJOR RECOMMENDATION** - The Dick White Bridge should be closed to all motorized vehicles, with the exception of emergency vehicles, on weekends from 7:00 AM to 6:00 PM from May 15 through September 15 to largely resolve the issue of seasonal cut-through traffic on the Dogwoods.
- The Town should provide an opportunity for Southern Shores residents impacted by such a bridge closure to make their opinions known before a final decision is made by the Town Council.
- Monitoring of South and East Dogwood Trails, their side streets and all cut-through routes should be conducted to determine if the bridge closure is working as intended and not causing additional problems on other cut-through routes.

Conclusion

The Task Force believes that this report addresses the items in its charge and will provide the Town Council with the necessary information to develop a specific plan for South and East Dogwood Trails.

Table 1 – Options for Bridge Closure

Options for Bridge Closure		
Solution Option	Pros	Cons
<p><u>Option 1</u> Daily Closure on Sat – Sun 7:00AM – 6:00PM only during the “tourist season” (May 15 – September 15).</p>	<p>Lowest impact on travel route options for residents.</p> <p>Cut-through traffic eliminated on South and North Dogwood and greatly reduced on East Dogwood during closure times.</p>	<p>Most potential for resident driver confusion regarding closure times.</p> <p>Cut-through traffic outside of closure times will continue.</p> <p>Has most logistical cost (placing and removing temporary barriers on Saturdays & Sundays).</p>
<p><u>Option 2</u> Weekend Closure during Season</p>	<p>Modest impact on travel route options for residents.</p> <p>Cut-through traffic eliminated on South and North Dogwood and greatly reduced on East Dogwood during closure times.</p>	<p>Some potential for driver confusion regarding closure times.</p> <p>Cut-through traffic outside of closure time will continue.</p>
<p><u>Option 3</u> Seasonal Closure</p>	<p>No driver confusion after initial implementation.</p> <p>Moderate to high impact on travel route options for residents.</p> <p>Cut-through traffic eliminated on South and North Dogwood and greatly reduced on East Dogwood during season.</p>	<p>High impact to school bus routes, trash and recycle service, mail and package deliveries.</p> <p>Cut-through traffic outside of closure time will continue.</p> <p>Moderate to high impact on travel route options for residents.</p>
<p><u>Option 4</u> Permanent Closure</p>	<p>Cut-through traffic eliminated on South and North Dogwood and greatly reduced on East Dogwood.</p> <p>No driver confusion after initial implementation.</p> <p>Dick White Bridge can be turned into a micro-park.</p>	<p>High impact to resident travel route options due to permanent change to traffic pattern.</p> <p>High impacts to school bus routes, mail deliveries, and trash and recycle service.</p>

Attachment 1 – South and East Dogwoods Taskforce Members

<u>Name</u>	<u>Address</u>
Richard Bell	South Dogwood Trail
Jim Conners	Duck Woods Drive
Tom Craney	East Dogwood Trail
Dan Dwyer	North Dogwood Trail
Michael Fletcher	Woodland Drive
Mary Keith Lilly	Wood Duck Court
Maureen McGrath	South Dogwood Trail
Shirley Ruff	Chicahauk Trail
Sam Williams	Pudding Pan Lane

Attachment 2 - Charge to the South and East Dogwood Trails Taskforce:

Members of the South and East Dogwood Trails Task Force of the Town of Southern Shores have now been officially appointed by the Town Council. It should be clearly understood the Council itself has no current plans in place for South and/or East Dogwood Trails. Other than this charge to the Task Force, the Council will not direct the Task Force in its work.

The charge to this Task Force is to solicit input from property owners of Southern Shores and develop a report to the Town Council specifically regarding issues of vehicular and pedestrian safety, any future street improvements, and long-term maintenance of South and East Dogwood Trails. The report should include data collected from the property owners, and any examples and recommendations of viable solutions. The Task Force may also include other issues it may identify regarding these two streets. The report will provide the Town Council has the necessary information to develop a specific plan for the Town.

This Task Force is encouraged to consider all reasonable and feasible options, including the - impacts on adjacent landowners. Town staff is available as a resource to the Task Force, and will pursue other resources the Task Force considers necessary to perform its work.

Attachment 3 - Task Force Procedures/Process

From the beginning, as a guiding principle, the Task Force strove to keep the process and results open and transparent to the Town's residents. As a result, the Task Force meetings were open, a Facebook page was established, and periodic reports were made to the Town Council. The Town staff were of great assistance during this time. This assistance was in the form of funding for such things as the survey, inserting the Task Force's updates in the bi-weekly Town newsletter, and providing links to Task Force information on the Town Website.

Initially the Task Force identified some issues facing South and East Dogwood Trails. This was accomplished by the Task Force through a basic understanding, of the issues facing the South and East Dogwoods, as well as research and brainstorming. Through this process, the Task Force identified what was thought to be the major issues. These included: modification of road rebuild standards, the need for a continuous walkway along both South and East Dogwood, summer weekend cut thru traffic, and a need for a comprehensive physical survey from the beginning of South Dogwood to the eastern end of East Dogwood.

To obtain feedback on the Task Force's preliminary thoughts, a survey was made available to the Town's residents. The survey determined the relative priorities of the issues identified by the Task Force and elicited feedback from Town residents on any other issues that the Task Force had missed. The results of the survey can be found in Attachment 4. The survey confirmed that the Task Force had identified the major issues facing the South and East Dogwoods, identified the relative priorities of the issues, and did not identify any new significant issues.

The next step in the process was to identify viable solutions to the problems related to the major issues. A workshop for Town residents was held by the Task Force after additional research and brainstorming was conducted. The purpose of the workshop was to identify possible solutions for the problems of each issue. The workshop resulted in a number of viable solutions (Attachment 8). Many of these proposed solutions are included in the discussion sections of this report.

Attachment 4 – Survey Results

“Dogwood Taskforce Survey Results,” Town of Southern Shores Document

Attachment 5 – TOSS Police Department Traffic Counts

2015 Southern Shores Traffic Counts <http://southernshores-nc.gov/wp-content/uploads/2015/10/TOSS-Police-Department-2015-Traffic-Count-Averages.pdf>

Attachment 6 - Southern Shores Rebuild Standards

<http://southernshores-nc.gov/wp-content/uploads/2015/02/Town-of-Southern-Shores-Street-Rebuild-Standards1.pdf>

Attachment 7 –Walkway Drawings

“Walkway Drawings,” Town of Southern Shores Document

Attachment 8 – Solutions Workshop Results

Walkway

- Walkway separate from road with green space through trees.
- Flexibility in response to terrain.
- No sidewalks – reduce speed limit
- Narrow walking path – 5'
- Save trees
- Move path from one side to other to avoid going close to houses
- Path down center of East Dogwood
- Establish replanting program
- Widen street to include road way & path

Road/Traffic

- Lower speed limit in season
- Speed bumps – removable
- Close roads at certain times
- Close bridge – locals have a pass
- Enforce speed limit
- Stop signs at every side street
- Use cameras
- Close intersection of East, North, and South Dogwood – make Dogwoods a dead end.
- On Saturdays in the summer, hold events on Dogwood.
- Flashing no through traffic signs

References

2012 Land Use Plan <http://southernshores-nc.gov/wp-content/uploads/2012/07/8-30-12CertifiedAdoptedLandUsePlan.pdf>

2015 Southern Shores Traffic Counts <http://southernshores-nc.gov/wp-content/uploads/2015/10/TOSS-Police-Department-2015-Traffic-Count-Averages.pdf>

Anne Arundel County “Neighborhood Traffic Control Guidelines”
<http://www.aacounty.org/dpw/highways/neighborhoodtraffic.cfm>

BikeWalk NC, Safe Passing Principles and Law, including North Carolina Statutes, Sec. 20-150

Budgetary Ordinance http://southernshores-nc.gov/wp-content/uploads/minutes-agendas-newsletters/Town-Ordinance_2015-07-01.pdf

Capital Street Improvement prioritization for FY 2015-2016 as recommended by the Southern Shores Capital Improvement Planning Committee

“City of Sunnyvale Neighborhood Traffic Calming” Sunnyvale California”,
<http://sunnyvale.ca.gov/Portals/0/Sunnyvale/DPW/Transportation/SVale%20Traffic%20Calming.pdf>

Design Standards <http://southernshores-nc.gov/wp-content/uploads/2014/12/Rebuild-Guilding-Design-Standards.pdf>

“Dogwood Cut-Through Task Force Suggestions,” Town of Southern Shores document

“Dogwood Taskforce Survey Results,” Town of Southern Shores Document

Drive Michigan Safely “Speed Control in Residential Areas”, <http://library.ite.org/pub/e271b7f3-2354-d714-518b-58ef17953fd3>

Excerpt from National Association of City Transportation Officials on lane widths. It backs up our statements that narrower streets promote slower driving speeds.

Greenways Inc., Benefits of Greenways (Greenways.com/benefits-of-greenways)

Institute of Transportation Engineers, Traffic Calming, Chapter 1: Introduction

North Carolina Department of Transportation, Stormwater Best Management Practices Toolbox, Version 2, April 2014

North Carolina Department of Transportation Roadway Design Manual (Rev. Date 7/22/13)

North Carolina General Statutes, Open Public Meetings, Section 143.

North Carolina Guide to Open Government and Public Records, North Carolina Attorney General's Office and North Carolina Press Association.

North Carolina Open Government Coalition, Open Meetings Law (see ncopengov.org)

Pedestrian and Bicycle Information Center, The Truth about Lane Widths, The Influence of Lane Widths on Safety and Capacity: a summary of the latest findings.

Prioritization of Projects <http://southernshores-nc.gov/wp-content/uploads/2015/06/April-21-2015-Capital-Street-Prioritization-for-fy-15-16.pdf>

"Roadway Elements & Cut-Through Traffic", Town of Southern Shores document

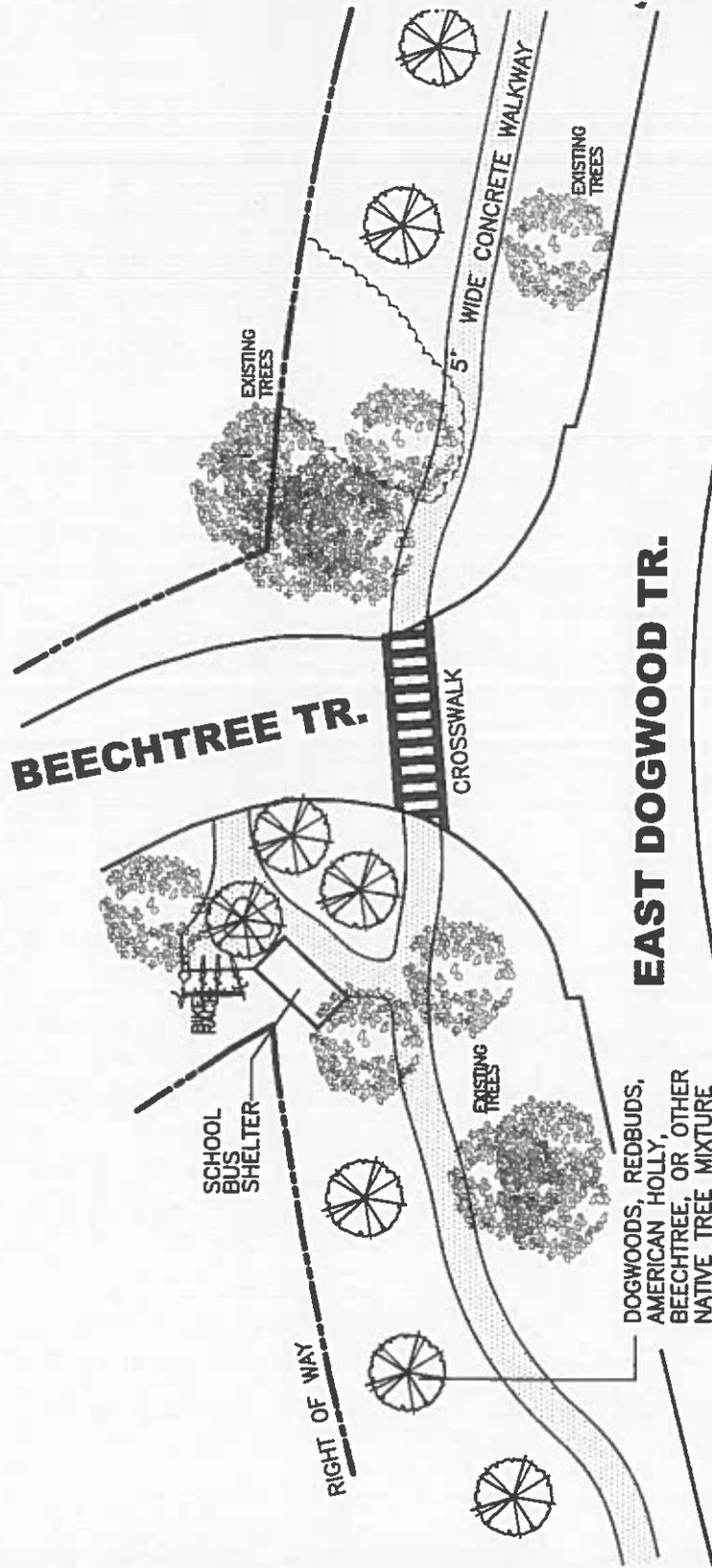
"Roles & Responsibilities by Road Class or Type", Town of Southern Shores document

Southern Shores Bicycle, Pedestrian Plan <http://southernshores-nc.gov/draft-comprehensive-bicycle-pedestrian-plan/>

"Southern Shores: The First Decade, 1946-56" by David Stick

University of Massachusetts: New England Greenway: Greenway Definition (umass.edu/greenway/Greenways/2GR-def.html)

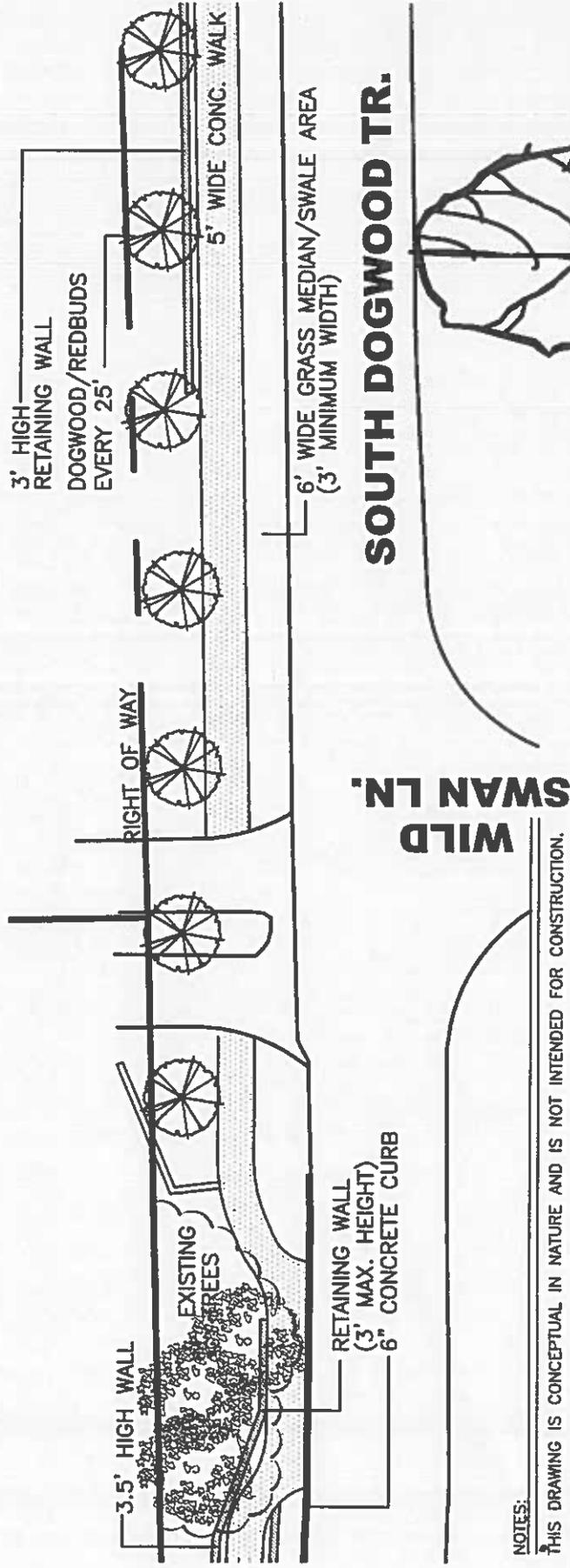
"Who controls the roads?" – The Conference Room – Answers to Questions on NC Laws, nclawyer.typepad.com/north_carolina.../who-controls-the-roads.html



DOGWOODS, REDBUDS,
AMERICAN HOLLY,
BEECHTREE, OR OTHER
NATIVE TREE MIXTURE

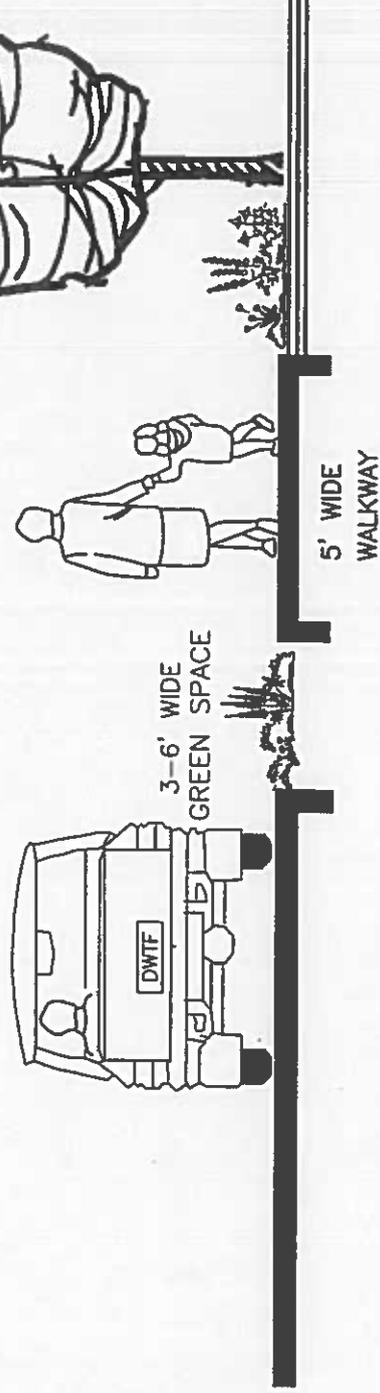
NOTES:
THIS DRAWING IS CONCEPTUAL IN NATURE AND IS NOT INTENDED FOR CONSTRUCTION.

**WALKWAY OPTION
BEECHTREE & EAST DOGWOOD TRAILS
DOGWOOD TRAIL
TASK FORCE**



NOTES:

THIS DRAWING IS CONCEPTUAL IN NATURE AND IS NOT INTENDED FOR CONSTRUCTION.



**WALKWAY OPTION
WILD SWAN AND SOUTH DOGWOOD TRAIL
DOGWOOD TRAIL
TASK FORCE**



PlanetSun
PHOTOVOLTAIC SYSTEM
Beghelli



BRIGHT IDEAS LIGHTING, INC.

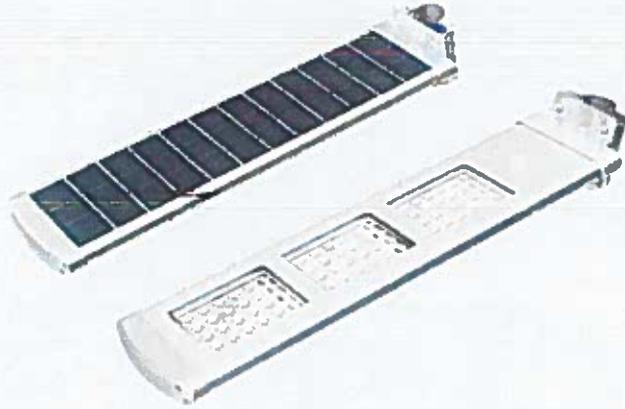
PO Box 1554 - Kitty Hawk, NC 27949

leigh@brightideaslightingobx.com

252-715-2567 (a) 252-305-0805 (c)

LUCE SOLARE

LSL-19



APPLICATION: The LSL-19 is designed to meet recommended illuminance in areas such as local roadways, pathways, parks.

The **LUCE SOLARE LSL-19** is a solar pathway solution that integrates the solar panel, LED module and the battery into a single product. **LSL-19** provides energy savings, high-luminance and low maintenance. The **LSL-19** design and technology eliminates the need for bulky external battery boxes, while maintaining maximum light output using high efficiency solar cells.

The **LSL-19** incorporates SMART TECHNOLOGY that automatically switches off during the day for efficient charging. Dimming is controlled by the passive infrared (PIR) sensor that optimizes performance. At dusk the **LSL-19** will turn on at 500 lumens until dawn, unless motion is detected. The **LSL-19** will output at 100% or 3000 lumens upon detection of motion. After one minute of no motion the **LSL-19** will dim back down to 500 lumens.

ADVANTAGES

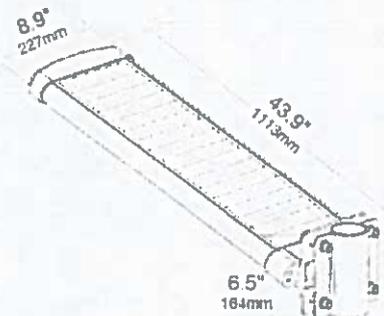
- Integrated Solution
- Environmentally Friendly
- Easy Installation
- \$0 energy cost
- IP65
- 140° distribution, 8m (26ft) coverage area

ORDERING INFORMATION

MODEL	POWER	COLOR TEMP	MAX LUMENS
LSL-19	20W	6000K	3000

SPECIFICATIONS

Solar Panel	22.7W, 17% efficiency
Battery	Li-ion 3.7V 39Ah / est. 1500 life cycles
LED Lamp	20W / 3000 lumens / 50,000 hours
Charge Time	10 hours
Discharge Time	3 nights - estimated 30 hours
Operating Temperature	-20°C--60°C
Mounting Height*	4m-5m (13-16ft)*
Mounting ID (internal diameter)	60mm (2.36")
Effective Projected Area (EPA)	0.7 ft ²
Housing	aluminum alloy and steel
Certificate	CE / ROHS / IP65 / FCC
Weight	27lbs
Warranty	3 years

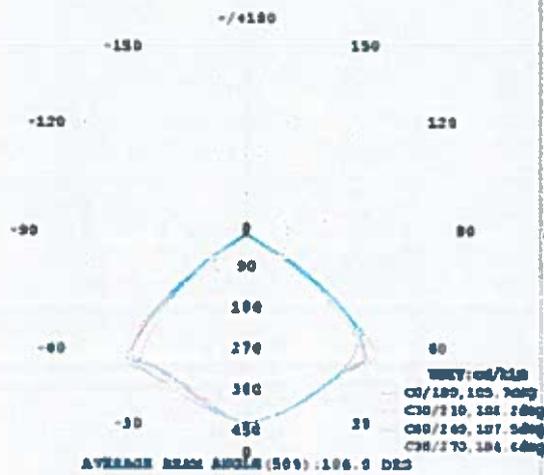


*The mounting height is an estimate and depends on the application. Poles not provided by Beghelli.

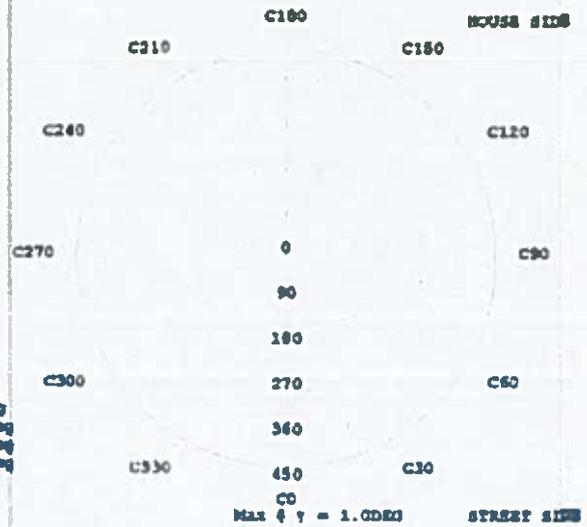


PHOTOMETRICS

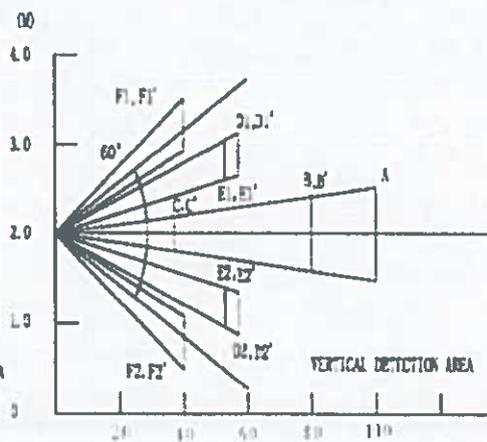
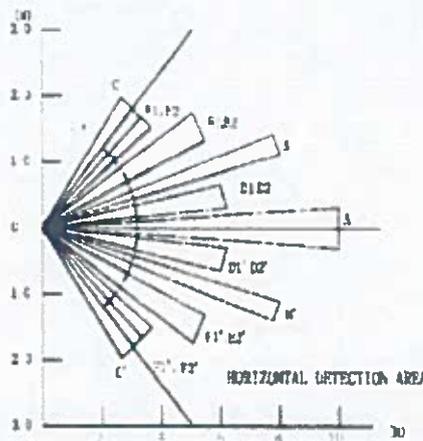
**INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS**



**MAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM**



SENSOR COVERAGE



BRIGHT IDEAS LIGHTING

OUTER BANKS PROJECTS

The following is a list of site lighting projects where Bright Ideas Lighting furnished materials (fixtures and poles). Also, for many of these projects, Bright Ideas provided photometry (Lighting Survey) for customers in order to ensure lighting plan was compliant with local lighting ordinance.

• The Dune Restaurant	Nags Head
• Sugar Creek Condominiums	Nags Head
• Sweet Water Baptist	Nags Head
• Tanger Outlet	Nags Head
• Staples	Nags Head
• Kelly's	Nags Head
• Outer Banks Hospital	Nags Head
• Parrot Bay – Retail	Kill Devil Hills
• Holiday Inn Express	Kill Devil Hills
• ABC Store	Kill Devil Hills
• Sunsatons	Kill Devil Hills
• ABC Store	Manteo
• The Oasis	Manteo
• Marshes Light	Manteo
• RD Sawyer Ford	Manteo
• Cypress Cove	Manteo
• Sandy Ridge Shoppes	Southern Shores
• Duck Woods Country Club	Southern Shores
• Monterey Shores	Corolla
• Hampton Inn	Corolla
• Corolla Light (Tennis)	Corolla
• Aqua S Restaurant	Duck
• Waterfront Shoppes	Duck
• Duck Fire Department	Duck
• Town of Duck (Solar Crosswalks)	Duck
• Currituck Club (Tennis)	Ocean Sands
• Colington Pizza	Colington
• Sound Side Park	Point Harbor

BRIGHT IDEAS LIGHTING

CELEBRATING 25 YEARS

January 12, 2017

Bright Ideas Lighting
PO Box 1554
Kitty Hawk, NC 27949

Town of Southern Shores
5375 N Virginia Dare Trail
Southern Shores, NC 27949
Attn: Peter Rascoe & David Kole

Re: Crosswalk Illumination

Gentleman,

We would like to Thank You and the Town of Southern Shores for your interest in the Safe Walk crosswalk solar lighting assembly. Please see the attached proposal and let us know if you have any questions or concern. We look forward to working you.

Thank you,



Leigh & Tony Gomez

BRIGHT - IDEAS - LIGHTING

PO BOX 1554
KITTY HAWK, NC 27949
252.715.2567 (o) 252.305.0805 (m)
leigh@brightideaslightingobx.com

Pro Forma Invoice

Date	Estimate #
1/10/2017	714

Name / Address
Town of Southern Shores 5375 N Virginia Dare Trail Southern Shores, NC 27949 Attn: Peter Rasco

Description	Qty	Rate	Total
SOLAR LIGHTING ASSEMBLY AS PER DESIGN / INCLUDES LUMINAIRE , BATTERY AND SOLAR PANEL INTEGRAL TO CAST ALUMINUM HOUSING / CONTROLLED BY PIR SENSOR / INCLUDES ROUND TAPERED FIBERGLASS POLE / DIRECT BURIAL / 14 FOOT EFFECTIVE MOUNTING HEIGHT ABOVE GRADE	22	985.00	21,670.00T
FREIGHT TERMS : ADD \$150 PLUS 20% OF ORDER VALUE FOR ORDERS LESS THAN \$5000.00 (POLES)		0.00	0.00T
Subtotal			\$21,670.00
Sales Tax (6.75%)			\$1,462.73
Total			\$23,132.73

bright • ideas • lighting

Serving Hampton Roads & The Outer Banks
Since 1992

TONY GOMEZ

Lighting Design & Commercial Sales

(252) 202-4323

bllobx@aol.com



LEIGH GOMEZ

BRIGHT IDEAS LIGHTING

SWAM • MICRO • HUB • SMALL BUSINESS

Commercial Lighting Products & Design Services for Over 25 Years

PO Box 1554
Kitty Hawk, NC 27949

(o) 252 715 2567 (m) 252 305 0805
leigh@brightideaslightingobx.com

Staff Recommended Capital Street Improvement Prioritization for FY 2016-2017

January 26, 2017

Listed street portions as full depth rebuilds (unless noted) are recommended by staff to the Town Council for its consideration and possible decision for FY 17-18. Based on actual observed street conditions as of January 26, 2017. As prioritized, recommended street improvements are not associated with other conceptual projects (i.e. conceptual adjacent walking paths, etc.)

1. **Yaupon Trail** - (asphalt failure, edge failure and continuing tree root undermining.) [Include appropriate turn around development w/ bulkheading and land acquisition. {recommend phasing}]
2. **Juniper Trail** - (asphalt failure in area south of the Juniper culvert bridge on both street and sidewalk) [funded for FY 16-17; in bid preparation process for possible Spring '17 project]
3. **Clamshell Trail** - western phase, Chicahawk Tr. intersection to Otter Slide (asphalt & subgrade failure) [include nearby storm water improvement for Trinite Trail]
4. **Palmetto Lane** - midpoint of length of street to intersection with Juniper Trail
5. **Skyline Road and Highway 12 intersection** - (stormwater flooding issue)
6. **Hillcrest Drive** - north end from Hickory Trail intersection to SSCA tennis courts
7. **Sea Oats Trail** - north end from 11th Avenue to NC Highway 12
8. **South Dogwood Trail** - (block cracking, alligator cracking, edge failures, shoving and sloughing failures)
11. **Wax Myrtle Trail** - (block cracking, alligator cracking, & edge failures) [recommend partial; include Dolphin Run and Porpoise Run]
12. **Ginguite Trail** - (alligator cracking, shoving and sloughing failures and subgrade failures) - [recommend partial segments]
13. **Spindrift Trail/High Dune Loop/Wild Pony Lane intersection** – (Edge failures and asphalt cracking failures)
14. **Clamshell Trail** - eastern phase, Otter slide to Chicahawk Trail intersection (asphalt & subgrade failure)
15. **East Dogwood Trail** - (asphalt & subgrade failures)
16. **Wax Myrtle and Hickory Trail intersection**
17. **Pintail Trail** - (tree root intrusion, block cracking)
18. **West Holly Trail** - (stormwater flooding and driveability issues)
19. **Bayberry Trail** - (asphalt and subgrade failures)
20. **Land Fall Loop** - (street rebuild: alligator cracking)
21. **Happy Indian Lane** - cul-de-sac rebuild (alligator cracking, eroded areas)
22. **Teal Court-capital repair** - (portion of road leading to cul-de-sac cracking)
23. **North Dogwood Trail** - (block cracking, alligator cracking, edge failure, emergency vehicle access)
24. **Turtle Pond Court** - (asphalt failure, edge failure, alligator cracking)

**Capital Street Improvement prioritization for FY 2016-2017 as recommended by the CIP Committee
May 19, 2016**

****draft revisions made October 13, 2016****

"Targets" for rebuild for FY 16-17:

1. **Yaupon Trail** - street rebuild due to asphalt failure, edge failure and continuing tree root undermining. Bulkhead replacement. [recommend phasing]
 2. **Wild Swan Lane** – street rebuild: cracking, root upheaval, potholes, and stormwater. [exclude extreme south and north ends]
 3. **Osprey Lane** [within house addresses #95-105] - street rebuild: alligator cracking, root upheaval, and stormwater
 4. **Juniper Trail**- asphalt failure in area south of the Juniper culvert bridge on both street and sidewalk
-

Remaining priorities for rebuild:

5. **Clamshell Trail** - asphalt & subgrade failure. [phased: Chicahawk Trail to Otter Slide- remainder following]
6. **Skyline Road and Highway 12 intersection**- stormwater flooding issue
7. **Hillcrest Drive**- north end from Hickory to the tennis courts
8. **Sea Oats Trail**- north end from 11th Avenue to Highway 12
9. **South Dogwood Trail**
10. **East Dogwood Trail**
11. **North Dogwood Trail**
11. **Wax Myrtle Trail** - Block and alligator cracking, edge failures. [recommend partial]- including Dolphin and Porpoise Run
12. **Ginguite Trail** - [recommend partial segments]
13. **Land Fall Loop** - street rebuild: alligator cracking.
14. **Happy Indian Lane** - cul-de-sac rebuild: alligator cracking, eroded areas.
15. **Teal Court** - repair, portion of road leading to cul-de-sac cracking.
16. **Spindrift Trail/High Dune Loop/Wild Pony Intersection**
17. **Clamshell Trail/Chicahawk Trail Intersection**
18. **Wax Myrtle and Hickory Intersection**
19. **Pintail Trail**
20. **West Holly Trail**- stormwater flooding and driveability issues
21. **Turtle Pond Court** - street rebuild [Public Works to perform minor repairs to extend life of street]
22. **Twisted Tree Court** - street rebuild [Public Works to perform minor repairs to extend life of street]

****NC Hwy 12-East Dogwood Trail stormwater flooding**- a separate individual line item of \$300,000 has been included in the FY 2016-2017 budget for a potential project in partnership with the NCDOT to mitigate this flooding, if the Council approves such a project. Fund matching may be available from the state to offset this budgetary allotment.