



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

January 21, 2020- COUNCIL WORKSHOP MEETING MINUTES

January 21, 2020 Minutes: The Town of Southern Shores Town Council met in the Pitts Center located at 5377 N. Virginia Dare Trail at 9:00 a.m. on Tuesday, January 21, 2020 to conduct a workshop meeting.

COUNCIL MEMBERS PRESENT: Mayor Tom Bennett, Mayor pro tem Elizabeth Morey, and Council Members Jim Conners, Leo Holland and Matt Neal.

OTHERS PRESENT: Interim Town Manager Wes Haskett, and Finance & Human Resource Officer Bonnie Swain

CALL TO ORDER / PLEDGE OF ALLEGIANCE / MOMENT OF SILENCE

Mayor Bennett called the meeting to order at 9:00 A.M., led the Pledge of Allegiance, and held a moment of silence.

GENERAL PUBLIC COMMENT

Mayor Bennett called on citizens wishing to give comment and the following spoke.

PUBLIC COMMENT-ANN SJOERDSMA

Disappointed in the timing of the workshop meeting, the public forum on beach nourishment, and last year's mini-hotel discussion. The time of day is inconvenient. She will no longer be recycling if recycle materials are to be sent to Wheelabrator. Cardboard and glass are easy enough to recycle.

PUBLIC COMMENT-CRAIG ALBERT

Town needs to seek a second opinion on beach nourishment.

PUBLIC COMMENT-JOE VANGIESON

This Board and the residents are not qualified to make a decision on beach nourishment, and he encourages a third-party interest. His expertise is in air pollution and objects to waste going to Wheelabrator.

Hearing no other citizen wishing to give comment, Mayor Bennett closed public comment.

MANAGER SEARCH / HIRING PROCESS- NCLM (HARTWELL WRIGHT)

Hartwell Wright with the NC League of Municipalities provided a briefing on the process of hiring a Town Manager. He highlighted the following areas:

- 35 of the 400 manager positions in the State of NC are recruiting right now.
- Hiring a Town Manager will be the most important decision Council will make.
- Council needs to hire the one that rises to the top.
- The manager works for the collective group, not individual.
- Town Manager applicant names need to stay confidential in order to protect their current positions.
- Since the board is hiring a consultant, the consultant will do much of the work.
- The board needs to determine a salary they are willing to commit for a Town Manager.
- The board needs to determine what qualities are important in a Town Manager.
- Be careful when building a profile and using absolute words, such as, must and require. These words

could eliminate a possible perfect candidate if they fall short in a requirement.

- The consultant works for the board.
- The NC League if Municipalities can provide a list of competitive salaries for the area.
- A Manager being an ICMA member is important.
- Town Managers are obligated to a minimum of two years.
- Open contract based on performance evaluations is preference (Hartwell Wright).
- All managers will require a severance package.
- Residency may be important to the board, but the salary must allow for the ability to afford housing in the Town. Requiring residency within the County or proximity may be more reasonable.
- It is common for a municipality to assist with relocation expenses.
- If there is an internal candidate, do not cause him/her to be part of the meetings.
- The Town Attorney will get involved when the board is preparing to make an offer. The document will come from the Mayor’s signature but needs to be prepared by the Town Attorney.
- ICMA has excellent templates that benefit both the municipalities and candidate.
- Make sure a thorough background check is conducted before an offer is made to a candidate (criminal and federal).

BRIEF RECESS (10:06-10:10 a.m.)

Upon returning from a brief recess, the Council were provided two presentations; one from Ken Willson from Aptim Coastal Planning & Engineering of Nc, Inc. and the second from Doug and David Carter with DEC Associates. Both presentations dealt with a potential beach nourishment project options and financial options.

BEACH MANAGEMENT PLAN REPORT - APTIM COASTAL PLANNING & ENGINEERING OF NC, INC. (KEN WILSON)

Ken Willson of APTIM Coastal Planning and Engineering of NC gave a presentation consisting of the following:

BACKGROUND ON BEACH MANAGEMENT PLAN

- Stated Goals of Beach Management Plan:
 - provides a reasonable level of storm damage reduction to public and private development
 - mitigates long-term erosion that could threaten public and private development, recreational opportunities, and biological resources
 - maintains a healthy beach that supports valuable shorebird and sea turtle nesting habitat
- Original Beach Management Plan recommendations were based on December 2017 survey data (Dec. 2018)
- Updated beach profile surveys – May 2019
- Updated the Beach Management Plan using May 2019 data (September 2019).

VOLUME CHANGE (UPDATE)

- *Northern Portion - Gained sand between Dec. 2017 and May 2019 (5.5 cy/lf./yr.)*
- *Main Fill Area – Gained sand between Dec. 2017 and May 2019 (4.6 cy/lf./yr.)*
- *Transition Area – Lost sand between Dec. 2017 and May 2019 – average of -18.9 cy/lf./yr.)*

PROJECT OPTIONS

Table 5. Project Option Cost Estimates

| Option | Volume (cy) | Permitting / Design / Soft Cost | Construction Cost | Pre-Construction/ Construction Admin. | Construction Env. Monitoring Costs | Contingency Cost (10%) | TOTAL COST |
|--------|-------------|---------------------------------|-------------------|---------------------------------------|------------------------------------|------------------------|--------------|
| 1 | 828,400 | \$435,000 | \$11,758,000 | \$283,500.00 | \$275,300.00 | \$1,275,000 | \$14,026,800 |
| 3 | 1,025,800 | \$435,000 | \$14,146,000 | \$313,500.00 | \$332,400.00 | \$1,523,000 | \$16,749,900 |

SCOPE OF ADDENDUM TO BEACH MANAGEMENT PLAN

- Review and assist the Town with revising the current goals and objectives of their Beach Management Plan, specifically to include the importance of maintaining sufficient useable beach;
- Develop an additional alternative that provides sand along the entire oceanfront of the Town;
- Develop an addendum to the Beach Management Plan that includes updated goals, the additional option including cost estimates, and updated recommendations; and
- Present the updated goals, additional alternative, and additional recommendations at a Public Forum in Southern Shores

REVISED BEACH MANAGEMENT PLAN GOALS

- Initial Goals of Beach Management Plan:
- Provides a reasonable level of storm damage reduction to public and private development
- Mitigates long-term erosion that could threaten public and private development, recreational opportunities, and biological resources
- Maintains a healthy beach that supports valuable shorebird and sea turtle nesting habitat
- Revised Goal #3:
- Maintains a healthy beach that provides sufficient useable beach and supports valuable shorebird and sea turtle nesting habitat

REVISED BEACH MANAGEMENT PLAN GOALS:

- ▶ Initial Goals of Beach Management Plan:
 1. Provides a reasonable level of storm damage reduction to public and private development
 2. Mitigates long-term erosion that could threaten public and private development, recreational opportunities, and biological resources
 3. Maintains a healthy beach that supports valuable shorebird and sea turtle nesting habitat
- ▶ Revised Goal #3:
 3. Maintains a healthy beach that provides sufficient useable beach and supports valuable shorebird and sea turtle nesting habitat



METHOD FOR DETERMINING SUFFICIENT USEABLE BEACH

Ken Willson explained the two points establishing the width of the beach were from the toe of the dune, edge of vegetation, to the +4-contour line (wet dry line). The distance in-between is what would be considered “usable beach”.

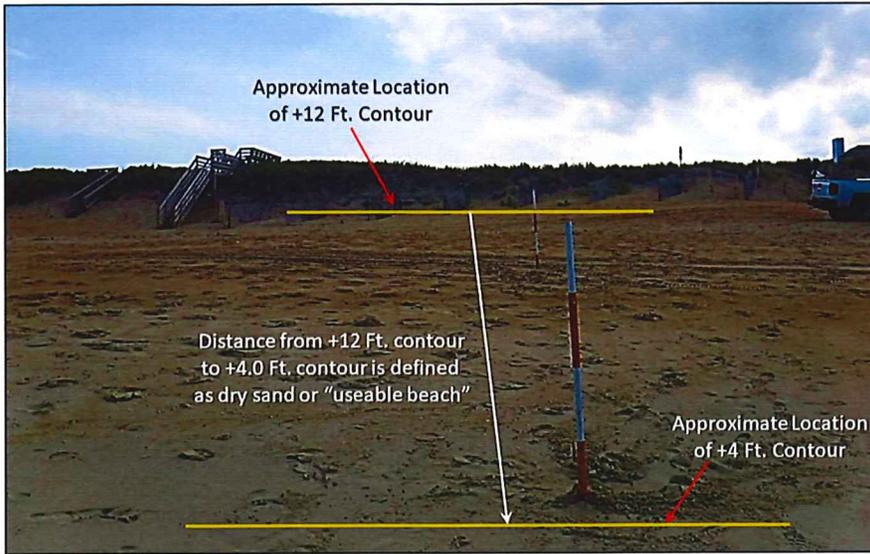


Table 1. Comparison of the average useable beach width computed for various portions of Southern Shores, Kitty Hawk, and Kill Devil Hills

| Beach Section | Profile Stations | Average Useable Beach Width |
|--|--------------------|-----------------------------|
| Town of Southern Shores from 3rd Avenue South to Southern Town Limit | -150+00 to 0+00 | 84 |
| 2017 Sand Placement Area (Skyline Road to Asheville Street) | -20+00 to 320+05 | 103 |
| Northern Section of Southern Shores from 5th Avenue North to Northern Town Limit | -197+12 to -157+41 | 57 |

ADDITIONAL OPTIONS: SUMMARY TABLE 2

Table 2. Comparison of volumes calculated for each of the beach fill options

| Design | Design Volume ⁽¹⁾ | Diffusion Loss Volume ⁽²⁾ | Advanced Fill Volume ⁽³⁾ | Taper Volume ⁽⁴⁾ | Total Volume | Avg. Fill Density ⁽⁵⁾ |
|-------------------------|--|--------------------------------------|-------------------------------------|-----------------------------|--------------|----------------------------------|
| Option 1 ⁽⁶⁾ | 540,000 | 54,400 | 225,000 | 9,000 | 828,400 | 36 |
| Option 2 | N/A - Design Volumes and Transition Area Volumes are the Same as Option 1. | | | | | |
| Option 3 ⁽⁶⁾ | 720,000 | 68,800 | 225,000 | 12,000 | 1,025,800 | 48 |
| Option 4 | 591,400 | 54,400 | 225,000 | 7,500 | 878,300 | 30 |
| Option 5 | 681,400 | 54,400 | 225,000 | 7,500 | 968,300 | 35 |

⁽¹⁾ Volume (CY) necessary to achieve the design goal of each option. This number excludes diffusion loss, advanced fill, and tapers.

⁽²⁾ Volume (CY) included to account for diffusion losses and background erosion (APTIM, 2018).

⁽³⁾ Volume (CY) included to account for background erosion expected to occur throughout the nourishment interval. Re-nourishment interval assumed to be 5 years.

⁽⁴⁾ Volume (CY) to construct a 500-foot taper on the northern end of the beach fill. Taper is dependent on the fill density at the northern extent of the project.

⁽⁵⁾ Total Volume included in the Design Volume divided by the length of the beach fill (CY/FT).

⁽⁶⁾ Options that only include placement of beach fill south of 3rd Avenue.



ADDITIONAL OPTIONS: SUMMARY TABLE 3

Table 3. Project Option Cost Estimates

| Option | Permitting/ Design Soft Cost ⁽¹⁾ | Volume (cy) ⁽²⁾ | Construction Cost ⁽³⁾ | Construction Soft Cost ⁽⁴⁾ | Construction Env. Monitoring Costs ⁽⁵⁾ | Contingency Cost (10%) | TOTAL COST |
|--------|---|----------------------------|----------------------------------|---------------------------------------|---|------------------------|--------------|
| 1 | \$435,000 | 828,400 | \$11,758,000 | \$235,500 ⁽⁶⁾ | \$275,300 | \$1,270,400 | \$13,974,200 |
| 3 | \$435,000 | 1,025,800 | \$14,146,000 | \$255,500 | \$332,400 | \$1,516,900 | \$16,685,800 |
| 4 | \$435,000 | 878,300 | \$12,505,000 | \$241,500 | \$232,700 | \$1,341,400 | \$14,755,600 |
| 5 | \$435,000 | 968,300 | \$13,783,000 | \$249,500 | \$256,600 | \$1,472,400 | \$16,196,500 |

⁽¹⁾ Professional services costs associated with the permitting and design of the beach fill project. These costs include design surveys of the beach and offshore sand investigations.

⁽²⁾ Total volume (CY) estimated for the Option including design volume, diffusion losses, advanced fill, and tapers.

⁽³⁾ Costs associated with mobilization/demobilization, sand placement, and other costs paid directly to the dredge contractor.

⁽⁴⁾ Costs associated with development of construction bid package, bidding assistance, and construction administration.

⁽⁵⁾ Costs anticipated for estimated environmental monitoring that may be required by permit condition.

⁽⁶⁾ Updated Construction Soft Costs from those included in the September 2019 update. The updating of these cost estimates resulted in a slight decrease in the Total Cost estimate.



FINANCIAL PLANNING - POSSIBLE BEACH NOURISHMENT - DEC ASSOCIATES, INC. (DOUG & ANDREW CARTER)

Doug and Andrew Carter of DEC Associates provided a presentation consisting of the following:

GENERAL INTRODUCTION

- DEC Associates engaged by the Town to assist in financial planning and raising capital funds for beach nourishment
- Firm specializes in beach nourishment financing alternatives
- Identified need for beach nourishment for all or part of the Town's shoreline and beginning to look at alternatives for funding
- Current focus on most cost-effective means to meet this important need, including sources of funds to finance estimated capital cost

- N.C. Statutes provide limited means to finance beach nourishment often requiring partnership between a Town and the County
- Plans for moving forward
- Public Forum-Potential Beach Nourishment Project

BEACH NOURISHMENT - FINANCING MODES AVAILABLE

- Pay-Go
- Borrowed
- General Obligation Bonds
- Must be voted by Referendum for new project issuance
- Authorization last for 7 years
- Public Hearing process to authorize vote
- Pledges unlimited tax levy to pay debt service

- Installment Purchase Financing – G.S. 160A-20
- Does not require voter referendum
- Requires Public Hearing process
- Requires pledge of real property for collateral
- Requires increased time to secure pledge of collateral
- Cost of property appraisals and other cost
- Does not work well for the projects proposed due to inability to perfect the real property lien (need to pledge at least 50% of borrowed amount)

BEACH NOURISHMENT - FINANCING MODES AVAILABLE

- Borrowed (continued)
- Special Assessment Bonds – G.S. 160A-220
- Special Assessment would be petitioned by 66% of property to be assessed – a voluntary process
- Multiple public hearings
- Although able to be blended with another mode of borrowing – not likely method
- Requires pledge of property included in assessment

- Special Obligation Bonds – G.S. 159I-30 - Preferred Method
- Does not require voter referendum
- State law prescribes use of Municipal Service District (MSD) in order to use Special Obligation Financing
- MSD can be formed and levy tax inside the district, or no tax levied in district
- Requires pledge of taxes and/or fees not levied by the municipality

BEACH NOURISHMENT - FINANCING MODES AVAILABLE

- Unique N.C. elements of SOBs
- Selected revenues are identified as source of credit pledge
- Can only pledge tax revenues that are not levied by the Town
- Any other lawful source of non-tax revenue can be pledged
- Current level of revenues that can be pledged are not sufficient to meet credit standards for lending. Use of Town/County Interlocal Agreement used as a means to bridge the gap of pledged revenues.
- Revenues for debt repayment
- Pledge of selected Town tax revenues and other lawful sources do not have to be used to pay debt service and can remain in the General Fund budget as customary
- Currently available sources of payment for debt service would include Town-wide property taxes, Municipal Service District property taxes, combination of property tax sources, others?
- County interlocal funds would be used to pay debt service

COUNTY BEACH NOURISHMENT FUNDING PLAN

- Dare County and its partnership with Towns
- Dare County leverages 2¢ of Occupancy Tax collected for beach nourishment projects
- Revenues are used to fund Town projects and unincorporated area projects
- Current County plans are for funding of at least 50% of project
- Towns who have completed beach nourishment projects have raised revenue equal to 7.82¢ of property tax equivalent
- 7.82¢ equates to approximately \$1,073,928 annually for Southern Shores
- Town would need to raise this revenue starting in the 2021-2022 fiscal year
- Model Discussion

PROJECT COST AND SOURCES OF FUNDS

Project Cost and Sources of Funds

Option 1

| <u>Uses</u> | | | | <u>Sources</u> | | | |
|-------------------------|--|------------------|--|------------------------|--|--------------------|--|
| Estimated Project Cost: | | \$13,974,200 | | County Contributed: | | \$7,037,100 | |
| Cost of Issuance: | | <u>\$100,000</u> | | Borrowed - Spec. Obs.: | | <u>\$7,037,100</u> | |
| | | \$14,074,200 | | | | \$14,074,200 | |

| Debt Service Estimate | | | | Repayment Revenues | | | |
|-----------------------|---------------------|-------------------|---------------------|--------------------|---------------------|---------------------|---------------------|
| FY | Principal | Interest | Total Debt Service | FY | County Contributed | Town Contributed | Total Revenue |
| 2023 | \$ 1,407,420 | \$ 246,299 | \$ 1,653,719 | 2023 | \$ 579,790 | \$ 1,073,928 | \$ 1,653,719 |
| 2024 | \$ 1,407,420 | \$ 197,039 | \$ 1,604,459 | 2024 | \$ 530,530 | \$ 1,073,928 | \$ 1,604,459 |
| 2025 | \$ 1,407,420 | \$ 147,779 | \$ 1,555,199 | 2025 | \$ 481,271 | \$ 1,073,928 | \$ 1,555,199 |
| 2026 | \$ 1,407,420 | \$ 98,519 | \$ 1,505,939 | 2026 | \$ 432,011 | \$ 1,073,928 | \$ 1,505,939 |
| 2027 | \$ 1,407,420 | \$ 49,260 | \$ 1,456,680 | 2027 | \$ 382,751 | \$ 1,073,928 | \$ 1,456,680 |
| Total: | \$ 7,037,100 | \$ 738,896 | \$ 7,775,996 | Total: | \$ 2,406,353 | \$ 5,369,642 | \$ 7,775,996 |

Project Cost and Sources of Funds

Option 3

| <u>Uses</u> | |
|-------------------------|---------------------|
| Estimated Project Cost: | \$16,685,800 |
| Cost of Issuance: | \$100,000 |
| | <u>\$16,785,800</u> |

| <u>Sources</u> | |
|-----------------------|----------------------|
| County Contributed: | \$8,392,900 |
| Borrowed - Spec. Obs. | \$8,392,900 |
| | <u>\$ 16,785,800</u> |

| Debt Service Estimate | | | |
|-----------------------|---------------------|-------------------|---------------------|
| FY | Principal | Interest | Total Debt Service |
| 2023 | \$ 1,678,580 | \$ 293,752 | \$ 1,972,332 |
| 2024 | \$ 1,678,580 | \$ 235,001 | \$ 1,913,581 |
| 2025 | \$ 1,678,580 | \$ 176,251 | \$ 1,854,831 |
| 2026 | \$ 1,678,580 | \$ 117,501 | \$ 1,796,081 |
| 2027 | \$ 1,678,580 | \$ 58,750 | \$ 1,737,330 |
| Total: | \$ 8,392,900 | \$ 881,255 | \$ 9,274,155 |

| Repayment Revenues | | | |
|--------------------|---------------------|---------------------|---------------------|
| FY | County Contributed | Town Contributed | Total Revenue |
| 2023 | \$ 898,403 | \$ 1,073,928 | \$ 1,972,332 |
| 2024 | \$ 839,653 | \$ 1,073,928 | \$ 1,913,581 |
| 2025 | \$ 780,902 | \$ 1,073,928 | \$ 1,854,831 |
| 2026 | \$ 722,152 | \$ 1,073,928 | \$ 1,796,081 |
| 2027 | \$ 663,402 | \$ 1,073,928 | \$ 1,737,330 |
| Total: | \$ 3,904,512 | \$ 5,369,642 | \$ 9,274,155 |

Project Cost and Sources of Funds

Option 4

| <u>Uses</u> | |
|-------------------------|---------------------|
| Estimated Project Cost: | \$14,755,600 |
| Cost of Issuance: | \$100,000 |
| | <u>\$14,855,600</u> |

| <u>Sources</u> | |
|-----------------------|---------------------|
| County Contributed: | \$7,427,800 |
| Borrowed - Spec. Obs. | \$7,427,800 |
| | <u>\$14,855,600</u> |

| Debt Service Estimate | | | |
|-----------------------|---------------------|-------------------|---------------------|
| FY | Principal | Interest | Total Debt Service |
| 2023 | \$ 1,485,560 | \$ 259,973 | \$ 1,745,533 |
| 2024 | \$ 1,485,560 | \$ 207,978 | \$ 1,693,538 |
| 2025 | \$ 1,485,560 | \$ 155,984 | \$ 1,641,544 |
| 2026 | \$ 1,485,560 | \$ 103,989 | \$ 1,589,549 |
| 2027 | \$ 1,485,560 | \$ 51,995 | \$ 1,537,555 |
| Total: | \$ 7,427,800 | \$ 779,919 | \$ 8,207,719 |

| Repayment Revenues | | | |
|--------------------|---------------------|---------------------|---------------------|
| FY | County Contributed | Town Contributed | Total Revenue |
| 2023 | \$ 671,605 | \$ 1,073,928 | \$ 1,745,533 |
| 2024 | \$ 619,610 | \$ 1,073,928 | \$ 1,693,538 |
| 2025 | \$ 567,615 | \$ 1,073,928 | \$ 1,641,544 |
| 2026 | \$ 515,621 | \$ 1,073,928 | \$ 1,589,549 |
| 2027 | \$ 463,626 | \$ 1,073,928 | \$ 1,537,555 |
| Total: | \$ 2,838,077 | \$ 5,369,642 | \$ 8,207,719 |

Project Cost and Sources of Funds

Option 5

| <u>Uses</u> | | <u>Sources</u> | |
|-------------------------|---------------------|-----------------------|---------------------|
| Estimated Project Cost: | \$16,196,500 | County Contributed: | \$8,148,250 |
| Cost of Issuance: | \$100,000 | Borrowed - Spec. Obs. | \$8,148,250 |
| | <u>\$16,296,500</u> | | <u>\$16,296,500</u> |

| <u>Debt Service Estimate</u> | | | | <u>Repayment Revenues</u> | | | |
|------------------------------|---------------------|-------------------|---------------------|---------------------------|---------------------|---------------------|---------------------|
| FY | Principal | Interest | Total Debt Service | FY | County Contributed | Town Contributed | Total Revenue |
| 2023 | \$ 1,629,650 | \$ 285,189 | \$ 1,914,839 | 2023 | \$ 840,910 | \$ 1,073,928 | \$ 1,914,839 |
| 2024 | \$ 1,629,650 | \$ 228,151 | \$ 1,857,801 | 2024 | \$ 783,873 | \$ 1,073,928 | \$ 1,857,801 |
| 2025 | \$ 1,629,650 | \$ 171,113 | \$ 1,800,763 | 2025 | \$ 726,835 | \$ 1,073,928 | \$ 1,800,763 |
| 2026 | \$ 1,629,650 | \$ 114,076 | \$ 1,743,726 | 2026 | \$ 669,797 | \$ 1,073,928 | \$ 1,743,726 |
| 2027 | \$ 1,629,650 | \$ 57,038 | \$ 1,686,688 | 2027 | \$ 612,759 | \$ 1,073,928 | \$ 1,686,688 |
| Total: | \$ 8,148,250 | \$ 855,566 | \$ 9,003,816 | Total: | \$ 3,634,174 | \$ 5,369,642 | \$ 9,003,816 |

FINAL OBSERVATIONS

- Current Estimates Identifies Needs for Additional Revenues to Meet Financial Plan for Current Project
- County Involvement will be Necessary to Accomplish Collateral Package for Special Obligation Bonds
- Team Stands Ready to Proceed with Financial Plan

DEC Associates stated that the Town will need to fund 1.074 million annually, decide what is the project they really want and then take that to the County. DEC Associates understands the Council Directive and will run the numbers once they receive the data from the tax assessor's office.

Having the MSD information is critical for Council decision making.

COUNCIL DIRECTIVES

BEACH NOURISHMENT

MOTION: Councilman Neal moved to direct staff to initiate MSD options with DEC Associates and inquire with whatever is required/recommended by Council. The motion was seconded by Mayor pro tem Morey. The motion passed unanimously (5-0).

Councilman Neal clarified and by consensus that options are to be as follows:

1. TOWN WIDE LEVY
2. OCEANFRONT ONLY WITH TOWN WIDE CONTRIBUTION
3. THREE OCEANFRONT DISTRICTS WITH TOWN WIDE CONTRIBUTION

DEC & Assoc stated a contribution percentage will still be required.

CONSULTING FIRM FOR HIRING A TOWN MANAGER

MOTION: Mayor pro tem Morey moved to postpone allocating the contract for a consulting firm for hiring a Town manager until the February 4, 2020 Council meeting. The motion was seconded by Councilman Holland. The motion passed unanimously.

PUBLIC FORUM-BEACH NOURISHMENT

Mayor Bennett opened the public forum and called for comment.

URSULA BATEMAN-PUBLIC COMMENT

Would like to know the timeframe for re-nourishment, 5 year or 7 years and would a significant hurricane impact this timeline.

Ken Willson (APTIM) stated that in presidential declared storms, the municipalities can apply for FEMA reimbursement funds for the project.

ANN SJOERDSMA-PUBLIC COMMENT

Would like to correct the Carters in the fact that the County has not pledge 50% of the project (according to November 6, 2019 Council meeting). No other town has committed to doing re-nourishment in 2022-2023, so the town should not make that assumption. Beach nourishment is not necessary except maybe the northern beach area.

CRAIG ALBERT-PUBLIC COMMENT

The research center in Duck has the surveys from the 1970's and 80's that Mayor pro tem Morey questioned availability and are willing to provide the information for free. They can tell us if we need beach nourishment or not.

DAVID BELOTE-PUBLIC COMMENT

Property owner on thirteenth Avenue. In favor of spending prudent money now rather than having to spend much more in the future. Happy to see the usable beach portion added to the plan.

JOE VANGIESON-PUBLIC COMMENT

Council appears to have already decided about beach nourishment. That is the perception he sees from the audience. He would also like to know the calibration process and the formula being used for "usable beach"

Ken Willson (APTIM) stated they went through a very rigorous calibration process that is sighted in that first report. They were able to use data from the field research facility on some storms. Usable beach is defined (by APTIM) as the linear distance at +12 (base of dune) to the +4 contour (wet/dry line).

MARK PETERS-PUBLIC COMMENT

In favor of beach nourishment and in favor of an MSD where the ocean front paid one percentage and town wide paid another percentage. There will be an economic impact if nothing is done.

PAUL BORZELLINO-PUBLIC COMMENT

Thanked Council for including option for a proposed beach nourishment project that would include the northern beaches in town. If the town does not do something soon, another part of Dare County is going to grab up the money available from Dare County for beach nourishment.

Hearing no one else wishing to speak, Mayor Bennett closed the public forum.

COUNCIL COMMENTS

Mayor Bennett stated he appreciated everyone's comments today. For the most part they were appropriate and showed respect for the difficult decision Council will have to make about beach nourishment. He further stated, Council does not take this decision lightly and is trying to do what is best for the town and the residents.

Hearing no other Council Member wishing to speak, Mayor Bennett called for a motion to adjourn.

ADJOURN

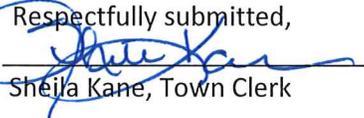
MOTION: Councilman Holland moved to adjourn. The motion was seconded by Councilman Conners. The motion passed unanimously (5-0). The time was 12:30 p.m.

ATTEST:


Thomas G. Bennett, Mayor



Respectfully submitted,


Sheila Kane, Town Clerk