



# AGENDA ITEM MEMORADUM

**Town Manager**

Department

**Connie Hoffmann**

Department Director

COMMISSION MEETING DATE (*) - 7:00 PM	Deadline to Town Clerk
<input type="checkbox"/> May 8, 2012	April 27
<input type="checkbox"/> May 22, 2012	May 11
<input type="checkbox"/> June 12, 2012	June 1
<input type="checkbox"/> June 26, 2012	June 15
<input type="checkbox"/> July 10, 2012	June 29
<input type="checkbox"/> July 24, 2012	July 13

**\*Subject to Change**

- |                                       |   |                                       |                                       |
|---------------------------------------|---|---------------------------------------|---------------------------------------|
| <input type="checkbox"/> Presentation | <input type="checkbox"/> Reports        | <input type="checkbox"/> Consent      | <input type="checkbox"/> Ordinance    |
| <input type="checkbox"/> Resolution   | <input type="checkbox"/> Quasi-Judicial | <input type="checkbox"/> Old Business | <input type="checkbox"/> New Business |

**FY2012 DESIGNATED HIGH PRIORITY ITEM - PRIORITY TOPIC**

## SUBJECT TITLE: BEACH NOURISHMENT PROJECT POSITION STATEMENT

**EXPLANATION:** At the Commission meeting of April 24, the County staff asked if the Commission would provide an expression of Lauderdale-by-the-Sea's position on the matter of participating in the proposed Beach Nourishment Segment II project. Two Commissioners expressed opposition to the project, but the majority of the Commission asked staff to develop a draft position statement that would outline the conditions under which the Town might agree to participate in the project. Based on the Commission's comments at that meeting, a draft of a position statement has been prepared for your review.

(The letter which transmits whatever position statement the Commission agrees upon to the County would clearly state that these conditions are subject to execution of a legal agreement between the County and the Town that covered these points. Based on the input of the Commission, I will work with the Town Attorney to finalize the position statement and prepare the transmittal letter.)

Also attached is information that County staff member Eric Myers provided in response to questions from the Commission at the last meeting. On April 24<sup>th</sup>, Mr. Myers estimated the Town's cost of the project at \$442,000, based on the fact that the length of the shoreline to be nourished in LBTS constituted about 15.5% of the shoreline to be nourished in the total project. The Commission had asked him if our cost would change significantly if the formula was based on volume of sand rather than liner footage of beach nourished. In his latest communication, he advised that the volume of sand placed on the Town's beaches would be about 12.5% of the volume of sand likely to be placed in the entire project. That would reduce the Town's share to around \$356,000 if the County Commission decided to accept that cost sharing approach.



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In response to the Commission's question about the length of time the project would take to complete in LBTS, he estimates it would take around 70 work days for the southern stretch and about 30 work days for the northern stretch of beach.

**EXHIBITS: Draft position statement on Proposed Beach Nourishment Project Segment II**  
**Additional information from Eric Myers, Broward County's Natural Resources Administrator**

Reviewed by Town Attorney  
 Yes     No

Town Manager Initials CA

**DRAFT POSITION STATEMENT OF LAUDERDALE-BY-THE-SEA TOWN COMMISSION REGARDING THE  
PROPOSED SEGMENT II BROWARD COUNTY BEACH NOURISHMENT PROJECT**

The Town Commission of Lauderdale-by-the-Sea has studied the various documents and information supplied by Broward County staff regarding the proposal to widen certain beaches in central Broward County, known as Beach Nourishment Project Segment II. We are appreciative of the time and effort devoted by County staff member Eric Myers to inform us and our citizenry and answer our questions regarding this project.

County staff acknowledges that Lauderdale-by-the-Sea's beaches are in good shape and stable and that the beach nourishment work to be done within our corporate boundaries is to serve as a taper for the beach expansion in Pompano Beach to our north and Fort Lauderdale to our south. We would prefer not to have the Segment II project done in our Town because of the expense, the disruption it will cause during our high tourism season, and the unknown and possibly detrimental impact the project could have on our near shore reef. However, Mr. Myers has explained that the tapers are extremely important to the performance of the beach nourishment in the cities of Pompano Beach and Fort Lauderdale and we do want to be good neighbors.

Based on the information currently available about the project at this time the Town can consider supporting and participating in the project under conditions including, but not limited to, the following:

1. The County receives commitments from the Federal government and the State government to fund approximately 75% of the costs of the project.
2. The total cost of the entire Segment II project does not exceed the County's current estimate of \$45.6 million.
3. The apportionment of costs to the cities shall not exceed 6.25% of the total project cost.
4. The Town's share of the cost shall be proportionate to the volume of sand placed on our beach compared to the volume of sand placed on the other cities' beaches, excluding the volume of sand placed on the Town's beach temporarily and moved/spread to another city.

(COMMISSION – an alternative to 1 – 4 would be that “no costs of the project are charged to LBTS” or that “LBTS will pay no more than \$XX towards the cost of this project”.)

5. The County agrees there will be no sand delivery staging points located in Lauderdale-by-the-Sea for the delivery of sand to Pompano Beach.
6. The Town must approve the location of any staging site in the southern portion of our Town and the County agrees to pay for the complete repair of any damage done to our roadways and beach portal in connection with sand delivery in our Town, to the Town's satisfaction and specifications.
7. The County agrees that it will also utilize a staging site located in Fort Lauderdale to deliver sand to the lower half of the beachfront located in the Galt Ocean Mile area of Fort Lauderdale.

8. The County commits to complete all beach nourishment work on Town beaches, and all sand deliveries through Town staging areas, in one tourist season (i.e. November – March).
9. The County guarantees that no damage will occur to the hard bottom reefs located seaward of the Town's beach as a result of this project and shall pay for all costs associated with the restoration of the reefs should damage occur, to the Town's satisfaction and specifications.

There may be additional conditions or issues that the Town will need to bring forward, as it obtains additional information and as the project develops. The Town appreciates the opportunity to share its concerns at this stage of the project, and looks forward to a continued dialogue with the County and our neighboring cities.



ENVIRONMENTAL PROTECTION and GROWTH MANAGEMENT DEPARTMENT  
**Natural Resources Planning & Management Division**  
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## Additional Responses to Lauderdale-By-The-Sea Questions Regarding Broward County's Proposed Segment II Beach Nourishment Project

At the April 24<sup>th</sup> Commission meeting several issues were raised which required additional response:

Information had been provided regarding the project length and percentage by municipality which related to the previously used project cost application formula. It was suggested that because of the nature of the fill in Lauderdale-By-The-Sea (LBTS), which consists exclusively of tapers, that using the length might overestimate the volume of fill in the municipality. As requested we prepared a table to show the difference between project length and project volume by municipality. See the following table for comparison.

	Length (ft)		Volume (cy)	
Pompano Beach	4,310	15.5%	140,000	18.9%
LBTS	2,460	8.9%	50,000	6.8%
LBTS	2,210	8.0%	35,000	4.7%
Fort Lauderdale	18,750	67.6%	515,000	69.6%
	27,730	100.0%	740,000	

We were also asked how long construction would likely affect LBTS. Here are the words that I paraphrased at the meeting. If we assume accessing the beach at Palm Ave (LBTS) which would be used to build the taper in southern LBTS and 1/2 of Galt Ocean Mile fill. We currently estimate the required volume for this area to be about 130,000 cubic yards or about 175,000 tons. With a daily placement rate of 2,500 tons (this can vary), it may take 70 total days (more or less) to complete. We don't expect much street impact for Pompano Beach and northern LBTS because of the absence of access in LBTS for that reach. The 50,000 cubic yards or 67,300 tons in the north taper could take about 30 days to construct (assuming a daily placement rate of 2,500 tons). Prohibitions on weekend and holiday work will prolong this.

We were asked about the ability to reduce Town Financial contribution based on using a volumetric calculation and recognition that the Town does not feel that it needs the fill in the tapers, which is required to support the larger fill sections in Pompano Beach and Ft. Lauderdale. This is a policy decision would have to be made by our Board, we can note this issue in the item we bring to our Board transmitting the community outreach response and seeking final direction for the project.