

MINUTES

CITY COUNCIL BEACH RENOURISHMENT TOUR

ST. PETERSBURG, FLORIDA

FRIDAY, OCTOBER 16, 1992

Members Present: Mayor Paul W. Muenzer
Vice Mayor Fred Sullivan
Council Member Ron Pennington
Council Member Joe Herms

Others Present: Tracy Griffith, WNOG
Ken Abernathy, Beach Renourishment Committee
Frank Blanchard, Beach Renourishment Committee
Staff Members: Dr. Richard L. Woodruff, Jon Staiger, Mark Thornton, Leighton Westlake
Lucas Woodruff, Matthew Woodruff

Beach Renourishment Tour

The group convened at City Hall at 6:30 A.M., Friday, October 16, 1992. Transportation was provided in the following arrangement: Council Member Herms drove with passengers Paul Muenzer, Fred Sullivan, Frank Blanchard, and Tracy Griffith. Car #2 was driven by Richard Woodruff with passengers Ron Pennington, Mark Thornton, Leighton Westlake, Lucas Woodruff, and Matthew Woodruff. Car #3 was driven by Jon Staiger with passenger Ken Abernathy. It should be noted that Car #3 left from a different origination point and met the group in St. Petersburg. It should further be noted that Leighton Westlake was picked up in Fort Myers at Exit 21.

A tour was provided by Misener Marine Construction Inc. of Tampa, Florida. Hal Fisher met the group on St. Petersburg Beach and provided a tour of an existing dredge project. The group arrived at the construction office of Misner Marine at approximately 10:15 A.M. and proceeded by car to the construction site. At that site Mr. Fisher explained the operation which basically consisted of the following points:

1. Barges bring the sand in from a spoil site some 17 miles south of the project site.
2. The barges are then off-loaded onto a larger barge that has a series of hoppers that feed onto conveyor belts which deposit the sand along the beach.

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3. Bulldozers then spread the sand creating the renourished beach.
4. Total project reviewed consists of 2.6 miles of renourished beach, with that beach being approximately 100 feet above the high tide line and 100 feet below the high tide line. Anticipated time of project is May 1992 through December 1992. Estimated cost of the project is \$9,000,000.
5. The sand deposited on the beach is in a dry state and thereby creates very little turbidity and results in a usable beach immediately after smoothing. The project is able to produce 100 linear feet at the desired width per day.
6. The project operates 24 hours a day, 7 days a week through multiple employee shifts.

After reviewing the site of the renourished beach, the group travelled further south and took a work boat out to the actual spoil site. At the spoil site the following notes were made:

1. A large construction barge is used as the work platform and operates two cranes that use clam shell buckets for the actual dredging of the sand. The depth of the water varies from 6 to 20 feet and the dredged material is then deposited on barges which are then transported to the renourishment site.
2. Loading time varies from 5 to 8 hours per barge depending on the size of the clam shell and the quality of the material being dredged.
3. Transportation site to the renourished beach is approximately 2 1/2 hours with a loaded barge and 1 1/2 hours with an empty barge.
4. One advantage of this technique is your ability to immediately view the quality of the sand being dredged, and if it is unacceptable due to type of material or general content, it can be immediately deposited back at the dredge site, thereby ensuring a high quality of sand for the renourished beach.

End of Tour

The tour concluded at approximately 2:15 P.M. at which time the group returned to the City of Naples. The group arrived at City Hall at approximately 5:15 P.M. It should be noted that Car #3, consisting of Jon Staiger, Ken Abernathy, and Tracy Griffith, did not take the second half of the tour, but left directly from the renourishment site.

Submitted by:

Dr. Richard L. Woodruff
City Manager

Paul W. Muenzer, Mayor

RLW:jp

Janet Cason
City Clerk

These minutes of Naples City Council approved on 11/4/92.