



Meeting Name: Town Council Meeting
Meeting Date: September 27, 2023
Prepared By: D. Dyess
Item Title: Discussion - Slope Review for JB0 and Mobi-Mats

DISCUSSION:

During the discussion around the JB #0 beach access and applying for a FRDAP grant, there was mention of accessibility. Some of that discussion turned into an ADA topic around that access point, which may not have been the original intent. It was then discussed to evaluate the use of a Mobi-mat to assist until there is a determination on the grant funds and future crossing structure.

ADA Evaluation:

All of the town crossovers are built to have some forms of ADA compliance, like handrails and seat heights. As for wheelchair accessibility JB #4 has the proper slope for access. We also found that the Marsinski Park access not only has the serpentine access for full ADA compliance, but it also has beach accessible wheelchairs available.



Based on the 6.8-foot grade change in a 73-foot distance, staff is recommending that wheelchair accessibility not be considered for this location. However, a stable surface that accommodates firm footing and carts should be considered.

Mobi-mat consideration:

Staff met onsite with the vendor representative. The vendor evaluated the site from the sidewalk to the stairs. He felt that the Mobi-mat could help with the erosion that we are currently seeing at the location. Staff is not confident that it will make a difference in the erosion. He provided two quotes, one that is 5 foot wide from top to bottom with a slight turn in it at \$4,300.00 and one that is 8 foot wide from top until the slight turn and then narrows to 5 feet at \$8,215.00.

Staff is not recommending that the current stairs be removed and having the Mobi-mat extend into the beach side sand. Once we later go to replace the stairs, we will have to get a permit due to it being east of the 1997 coastal control line (this is something we have done on all of our walk over modifications), this stair structure sits east of the 1979 coastal control line, which is protected by our code. There is also DEP regulations around disturbing the dune (attached) that would prevent the leveling out of the earth below the stairs for the Mobi-mat.

The vendor also informed us that the Mobi-mat must be taken up from the beachside of the dune in the turtle protection zone during turtle nesting season.

RECOMMENDATION:

Discuss the merits of purchasing a Mobi-mat and provide staff direction.