



**MARITIME
RESOURCES**

4 Bamboo Terrace Key West Florida 33040 305-304-3151 swansonmaritime@gmail.com

Scope of Work

Repair damage to Wahoo Pier
City of Key West, Garrison Bight Marina

11 June 2019

DESCRIPTION – Inspect Vehicular Damage to Wahoo Pier; prepare “scope of work”.

1. Remove approximately 30 linear feet of 5/4" x 6" x 10' lpe decking and store for re-use. Remove (12) 4" x 12" x 14' Stringers and (4) 4" x 12" x 10' Bents. Remove (2) 10" x 10" Damaged Concrete Pilings. Remove ADA aluminum ramp.
2. Replace (2) 10" x 10" Precast Concrete Pilings: Drive to 8' minimum penetration or to cap rock. Alternatively, auger hole to 8' minimum and grout with #5000 PSI Concrete.
3. Rebuild Dock Structure as original 4" x 12" x 14' 2.5%cca pressure treated stringers on 24" centers set on 4" x 12" x 10' 2.5% cca pressure treated bents.
4. Replace all undamaged lpe decking with new stainless-Steel Screws.
5. Replace new (8) 5/4" x 6" x 10' lpe decking. (damaged boards)
6. Provide Temporary and final support to any disturbed utilities supported by dock structure.
7. Remove and re-install (2) electric transformers as necessary to access and replace dock structure.
8. Relocate any vessels necessary to accomplish repairs, working with Marina Management for temporary locations. Return any vessel to original locations.
9. Remove and reinstall existing aluminum ADA ramp, temporarily as necessary to access and replace dock structure.
10. Utilizing existing aluminum ADA ramp, temporarily install it to bypass work area and allow dock tenants safe access.
11. Remove all existing screws and store undamaged lpe deck boards for re-installation with new stainless-steel screws.
12. All fasteners to be stainless steel.
13. Properly dispose of all construction debris