



RIVERS AND GULF

P.O. BOX 869, SLIDELL, LA 70459-0869

MARINE SURVEYORS, INC.

PHONE: (504) 347-4637

MARINE SURVEYORS and CONSULTANTS

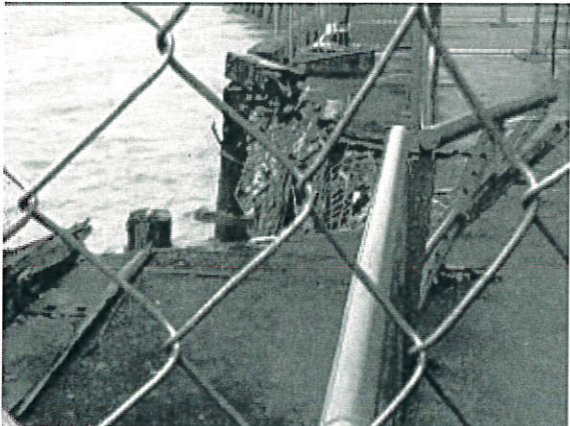
February 15, 2019

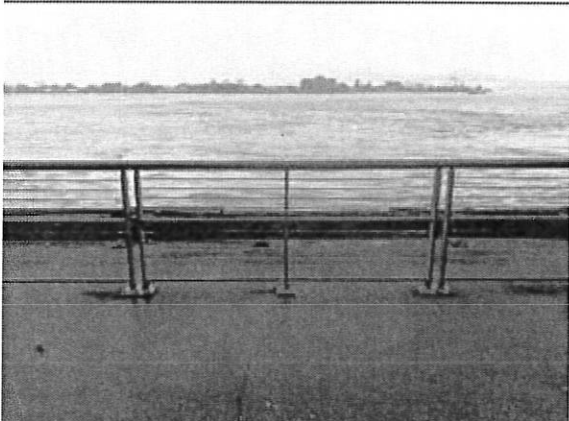
FIELD SURVEY

MANDEVILLE STREET WHARF
NEW ORLEANS, LOUISIANA

SURVEY FILE NO. 19-20310

We, the undersigned, have on February 15, 2019, held survey on the "Mandeville Street Wharf", owned and operated by the City of New Orleans, in order to ascertain and agree upon or as otherwise noted, the cause, nature, extent, and recommended repair of damages alleged to have been sustained in consequence of it being struck by barge MMLP318 in the tow of the M/V DANI MAYES on January 22, 2019.

<u>UPON EXAMINATION FOUND</u>	<u>RECOMMENDED</u>
<p>1. An approximately 40' x 10' section of steel reinforced concrete dock was crushed with supporting timber piles in way cracked and/or displaced.</p> 	<p>1. Remove and renew as original (approximate sizes):</p> <ul style="list-style-type: none">-Four (4) 18" diameter x 150' estimated length timber piles-Fourteen (14) 12" x 12" x 8' treated wood timbers that line edge of the concrete.-One (1) 3" x 3" x 3/8" x 40' of steel angle edging.-Approximately 10' x 42' x 3' of steel reinforced concrete.

<u>UPON EXAMINATION FOUND</u>	<u>RECOMMENDED</u>
<p>2. Four sections of stainless-steel pipe and wire handrails were distorted and/or broken.</p> 	<p>2. Remove and renew as original (approximate sizes): -Four 8' x 42" sections of stainless-steel handrail each consisting of a 3" diameter top rail, a 1 1/2" diameter mid and bottom rails, nine courses of stainless-steel wire, and three 2" x 3/4" x 42" flat bar vertical stanchions each with a 6" x 10" x 3/8" base plate.</p>

Notes:

- A. Necessary towboats, work barges and labor to be provided to effect repairs
- B. Necessary removals and replacements to effect repairs.
- C. Necessary erection and removal of staging to effect repairs.
- D. Necessary fairing old to new to effect repairs.
- E. Necessary testing of repairs.
- F. All new and disturbed work to be recoated as original
- G. Necessary floating equipment to effect repairs.
- H. All necessary men and materials to effect the foregoing repairs and notes.
- I. Scrap to become property of contractor.
- J. All work to be carried out in a workmanlike manner in accordance with the applicable codes and to the satisfaction of owners, owner's representative, and/or regulatory bodies.

SURVEYOR'S NOTES:

The above is based solely on a very limited examination of the damaged area from the sound area of the dock. There is additional support structure and members beneath the dock that the undersigned could not view at the time of the survey. We have requested technical drawings of the dock and once provided we will be able to provide a more detailed and accurate description of the damage and the required replacements.

An additional survey of the area from the water may be beneficial and/or required to be able to provide and accurate description and determination of the extent of damage.

SURVEYORS SIGN WITHOUT PREJUDICE



Andrew J. Minster, NAMS-CMS
Rivers and Gulf Marine Surveyors, Inc.
survey@riversandgulf.com