



Department of Public Works

SANTA ROSA COUNTY, FLORIDA

Milton, Florida 32583

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MEMORANDUM

TO: Marine Advisory Committee

FROM: Stephen Furman, Public Works Director 

DATE: June 23, 2016

SUBJECT: Pier/Dock Report

Agenda Item

Discussion of Pier and Dock Report with recommendations.

Background

The County Parks Department, under the direction of Ms. Simmons, produced a brief history and conditions report for the majority of the county's piers and docks. With some of the facilities being closed due to the poor and/or dangerous conditions, the Marine Advisory Board is being asked to discuss options, and to make possible recommendations to the BCC for the funding of repairs.

Recommendation:

The Public Works Department recommends that a multi-year plan be established to address the needs of the docks and piers maintained by the county. Funding for the repairs and replacements can come from both the Boater Registration Fees, and from the general Repairs and Maintenance line in the Park's Department budget.

Due the varying degrees of maintenance needed on the piers and docks, it is recommend that projects be prioritized based on need and available funds. Some minor repairs would be proposed to be accomplished by county staff, and more complex repairs or replacements would be proposed to be bid out.

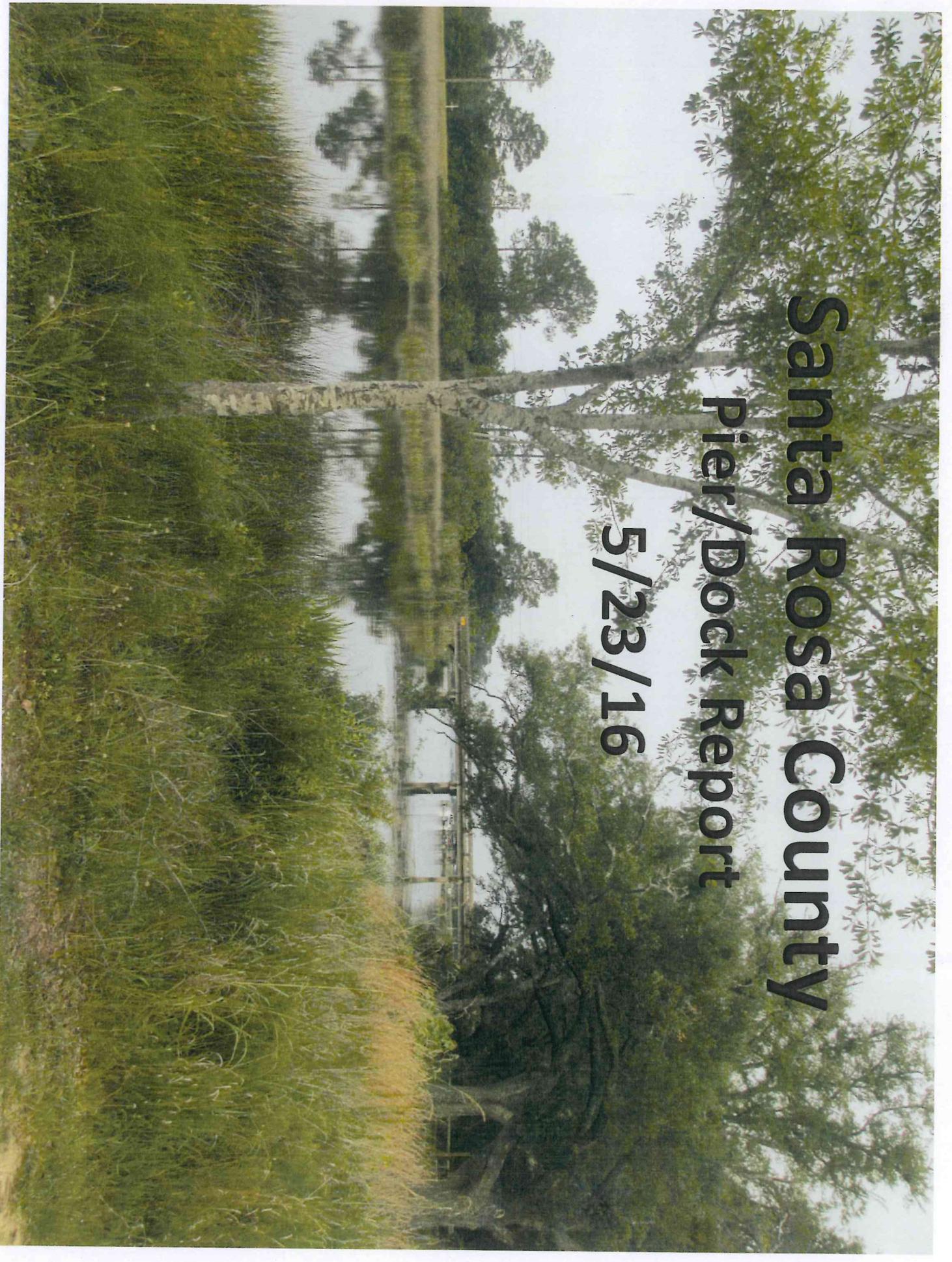
Future Action:

If desired by the Marine Advisory Committee, the attached "Pier/Dock Summary and Recommendations" document would be revised into a multi-year repair and maintenance plan. Specific items on the plan will be brought to this committee for discussion and possible Board of County Commission actions.

Santa Rosa County

Pier/Dock Report

5/23/16



Archie Glover Park Straight Pier Located on north side of park

- Purpose
 - Tie up at dock to load or unload passengers and belongings
- Intended Users
 - Watercraft entering Mulatto Bayou and Escambia Bay
- 5' x 70': 350 sf
 - Treated pilings
 - Treated decking
- Rebuilt 11/2008
 - County Built for \$4,000
- Requested repairs – replace 5 piling caps
- Condition - Good



Archie Glover Park T-Pier

Located on northwest side of
park

- Purpose
 - Fishing Pier
- Intended Users
 - Fishing in Mulatto Bayou
- 4' x 100' with 8' x 39' T: 712 sf
 - Treated pilings
 - Treated decking
- Built 4/2012
 - County built for \$7,354.96
- Requested repairs – none
- Condition - Good



Archie Glover Park T-Pier

Located on northeast side of
park

- Purpose
 - Fishing Pier
- Intended Use
 - Fishing in Mulatto Bayou
- 4' x 40' with 8' x 40' T: 480 sf
 - Treated pilings
 - Treated decking
- Built 4/2012
 - County built for \$4,958,40
- Requested repairs – replace broken piling on T at northwest corner
- Condition - Fair



Avalon Boat Ramp/Mulat

L-Pier

Located at south end of
Bonfire Drive

- Purpose
 - Tie up at dock to load or unload passengers and belongings
- Intended Use
 - Watercraft entering Mulatto Bayou
- 5' x 22' with 4.5' x 10' L: 155 sf
 - Treated pilings
 - Treated decking
- Requested repairs – none
- Condition - Good



Bal Alex Boat Ramp

L-Pier

Located at east end of Sandy

Bluff Drive W

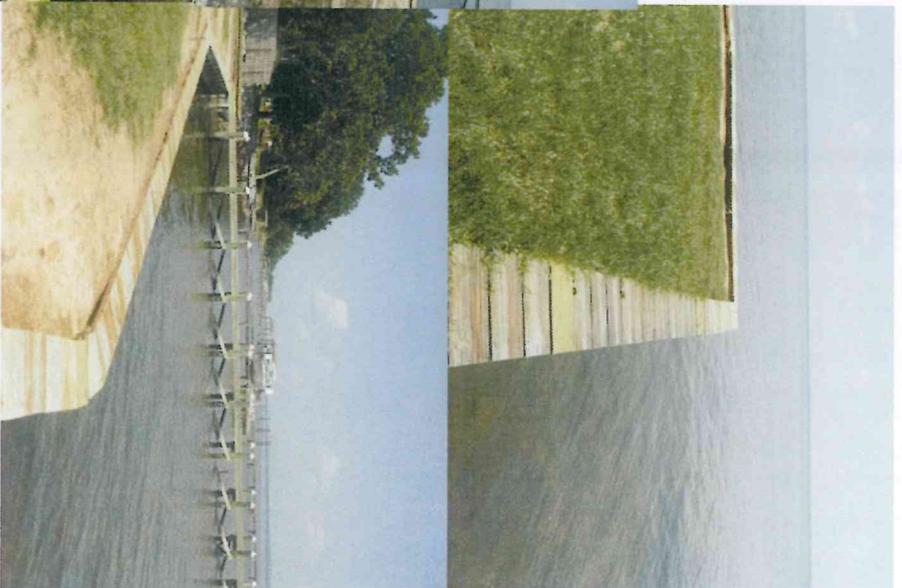
- Purpose
 - Tie up at dock to load or unload passengers and belongings
 - Fishing Pier
- Intended Use
 - Watercraft entering East Bay
 - Fishing in East Bay
- 4' x 99' with 4' x 20' L: 476 sf
 - Treated pilings
 - Treated decking
- Built 12/2005
 - Contractor built: \$29,276
- Requested repairs
 - Replace decking
 - Replace header bolts
 - Replace braces
 - Provide transfer to pier
- Condition - Fair



Bal Alex Boat Ramp Seawall Top

Located at east end of Sandy
Bluff Drive W

- Purpose
 - Walking/standing deck
- Intended Use
 - Fishing in East Bay
- 2' x 242'
 - Treated decking
- Built 10/2011
 - Decks and Such built for \$29,035.36
- Requested repairs
 - Replace decking
- Condition - Fair



East River Boat Ramp

L-Pier

Located west side of Hwy 87
S, south of River Road

- Purpose
 - Tie up at dock to load or unload passengers and belongings
 - Fishing Pier
- Intended Use
 - Watercraft entering East River
 - Fishing in East River
- 4' x 41' with 5' x 10' L: 214 sf
 - Treated pilings
 - Treated decking
- Built 12/2005
 - Contractor built: \$29,276
- Requested repairs
 - Replace 3 caps
- Condition - Good



Floridatown Park and Boat

Ramp

Straight Pier

- Purpose
 - Tie up at dock to load or unload passengers and belongings
 - Fishing Pier
- Intended Use
 - Watercraft entering Escambia Bay
 - Fishing in Escambia Bay
- 8 x 95': 760 sf
 - Treated pilings
 - Treated decking
- Built 1/1995 by county utilizing FBIP in the amount of \$2028.
 - Re-built 10/1998 by Navarre Fence & Marine Const. for \$2,608.
 - 25' section replaced for \$4,200.63 in 2005
- Requested repairs
 - Needs to be replaced
 - 4 braces missing
 - Recently re-decked funded by Parks budget
- Condition - Poor



Garcon Point Boat Ramp

Courtesy Docks

Located at south end of S

Garcon Point Road

- Purpose
 - Tie up at dock to load or unload passengers and belongings
 - Fishing Pier
- Intended Use
 - Watercraft entering East Bay
 - Fishing in East Bay
- 5' x 12': 60 sf
 - Treated pilings
 - Treated decking
- 5' x 42': 210 sf
 - Treated pilings
 - Treated decking
- Built 2008
- Requested repairs
 - Both piers need new decking
- Condition - Fair



Holley Boat Ramp #1 L - Pier

Located at south end of Live
Oak Street

- Purpose
 - Tie up at dock to load or unload passengers and belongings
 - Fishing Pier
- Intended Use
 - Watercraft entering East River
 - Fishing in East River
- 4' x 40' with 11' x 11' L with 2' x 40' catwalk: 361 sf
 - Treated pilings
 - Treated decking
- Re-built 2005 \$8490.64
- Re-built 2008
- Requested repairs
 - Replace decking
 - Replace stringer bolts
 - Replace header bolts
- Condition - Fair



Marquis Basin Boat Ramp

Straight Piers

Located at west end of

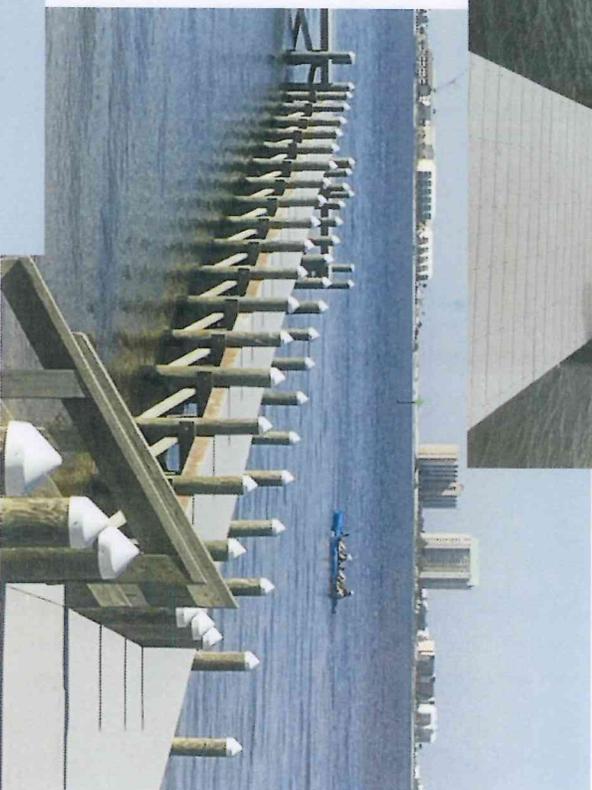
Gillespie Road

- Purpose
 - Tie up at dock to load or unload passengers and belongings
- Intended Use
 - Watercraft entering Marquis Basin
- North pier: 7' x 93': 651 sf
 - Treated pilings
 - Treated decking
- South pier: 6' x 94': 564 sf
 - Treated pilings
 - Treated decking
- Built 10/1994 with FBIP for \$12,000 by Davis Marine
- Re-decked piers 2011 - \$1,276
- Requested repairs
 - Replace both piers
- Condition - Poor



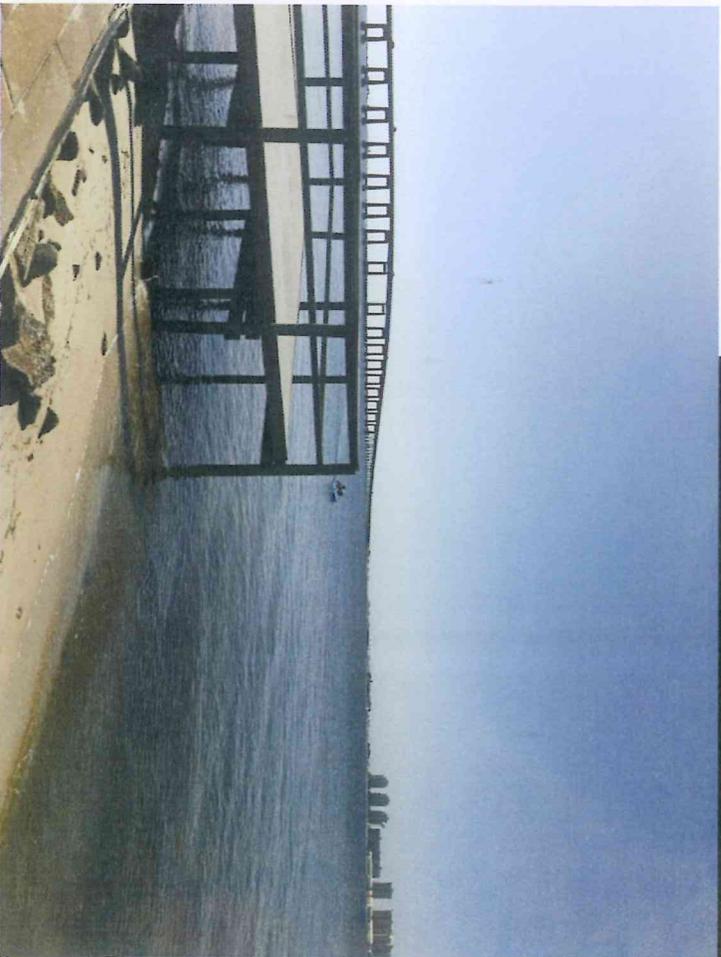
Navarre Park T - Pier

- Purpose
 - Fishing pier
- Intended Use
 - Fishing in Santa Rosa Sound
- 6' x 249' with 11' x 32' T: 1,846 sf
 - Treated pilings
 - Trex decking
- Built 2011 by Decks & Such for \$51,587
- Requested repairs
 - None
- Condition - Good



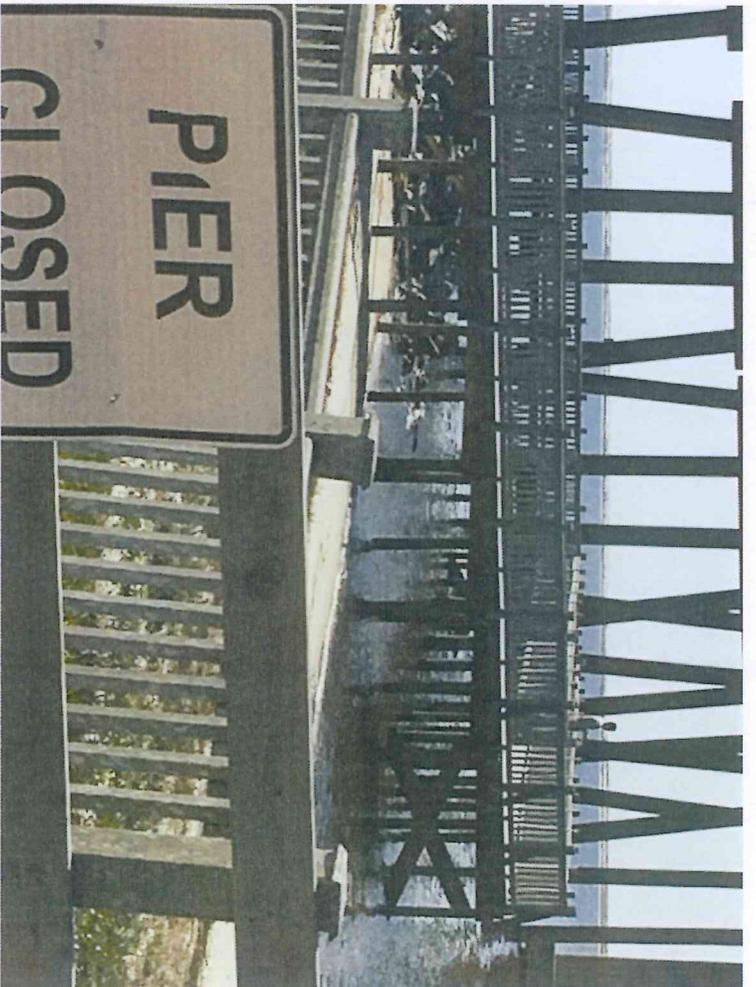
Navarre Park Performance Pier

- Purpose
 - Performance at amphitheater
- Intended Use
 - Entertainment
 - Weddings
- Pier
 - Treated pilings
 - Trex decking
- Re-decked 3/2011 for \$710
- Requested repairs
 - Replace or remove
- Condition – Poor; has been closed off to the public



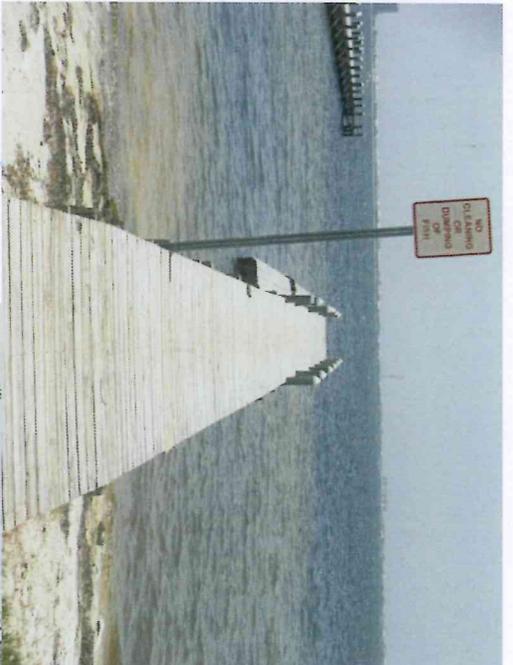
Navarre Park Boardwalk Pier

- Purpose
 - Walking path to east side of Navarre Beach Causeway to keep pedestrians from traversing via Navarre Parkway
- Intended Use
 - Connection to east side of Navarre Beach Causeway
 - Fishing in Santa Rosa Sound
- 8' x 505': 4,040 sf
 - Treated pilings
 - Trex decking
- Built 1997 from Nature Walk funds
- Requested repairs
 - Replace or remove.
- Condition – Poor; has been closed off to the public



Oriole Beach Boat Ramp T-Pier and Straight Pier Located at south end of Shady Pine Drive

- Purpose
 - Tie up at dock to load or unload passengers and belongings
 - Fishing Pier
- Intended Use
 - Watercraft entering Santa Rosa Sound
 - Fishing in Santa Rosa Sound
- 10' x 276' with 10' x 20' T': sf 2,960
 - Treated pilings
 - Treated decking
- Re-built 2005 for \$113,871.71 - \$38 sf
- 6' x 118' with 2' x 63' catwalk: sf 834
 - Treated pilings
 - Treated decking
- Requested repairs
 - Replace decking
 - Replace braces
 - Replace bolts
- Condition – Fair



Oyster Pile Boat Ramp Two Piers and Two Courtesy Docks

Located at the north end of
Water Street in Bagdad

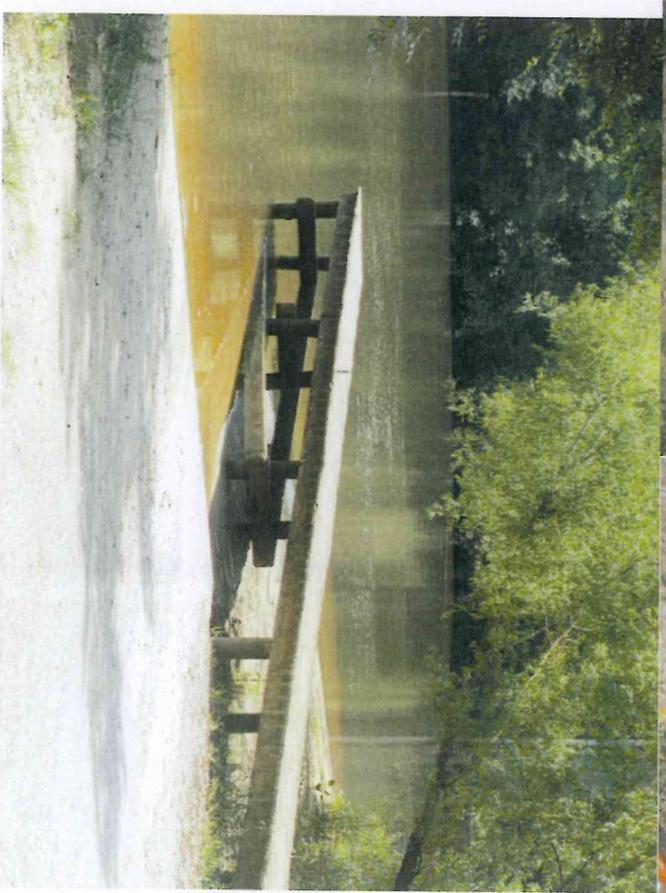
- Purpose
 - Tie up at dock to load or unload passengers and belongings
 - Fishing Pier
 - Courtesy Docks
- Intended Use
 - Watercraft entering Blackwater Bay
 - Fishing in Blackwater Bay
- 5' x 26': 130 sf
 - Treated pilings
 - Treated decking
- 5' x 34' with 5' x 37' L: 355 sf
 - Treated pilings
 - Treated decking
 - County built 2/2012 in the amount of \$3,041
- 6' x 101': 606 sf
 - Treated pilings
 - Treated decking
- 6' x 146': 876 sf
 - Treated pilings
 - Treated decking
- Re-built
 - Treated pilings
 - Treated decking
- Requested repairs
 - Replace decking
 - Replace stringer boards
- Condition – Fair



Quintette Boat Ramp

Located at the west end of
Quintette Boat Ramp Road

- Owned by NWFWMID
- Purpose
 - Tie up at dock to load or unload passengers and belongings
 - Fishing Pier
- Intended Use
 - Watercraft entering Escambia River
 - Fishing in Escambia River
- 4'-4.5' x 60': 270 sf
 - Treated pilings
 - Treated decking
- Requested repairs
 - Replace decking
- Condition – Fair structure; poor decking



Sandpiper Village Park T-Pier and Seawall

- Purpose
 - Fishing Pier
- Intended Use
 - Fishing in Pensacola Bay
- 6' x 250 with 10' x 21' T': 1,710 sf
 - Treated pilings
 - Treated decking
- Re-built 2005 for \$45,144; \$27 sf
- 120' seawall
 - Treated pilings
 - Treated lumber
 - Treated timber
- Re-built 2005 for \$39,256; \$327'
- Requested repairs
 - Rebuild – 48 pilings probed on pier and seawall were rotten
- Condition – Poor



Simpson River Fishing Pier

Located on the west side of Highway 90 south of Pace, north of Pensacola

- Owned by NWFWMID
- Purpose
 - Fishing Pier
- Intended Use
 - Fishing in Simpson River
- 6' x 160' with 2-5' x 20' ramps':
1,160 sf
 - Treated pilings
 - Treated decking
 - Treated railing
- built
- Requested repairs
 - Replace decking
 - Replace 5 benches
- Condition – Fair

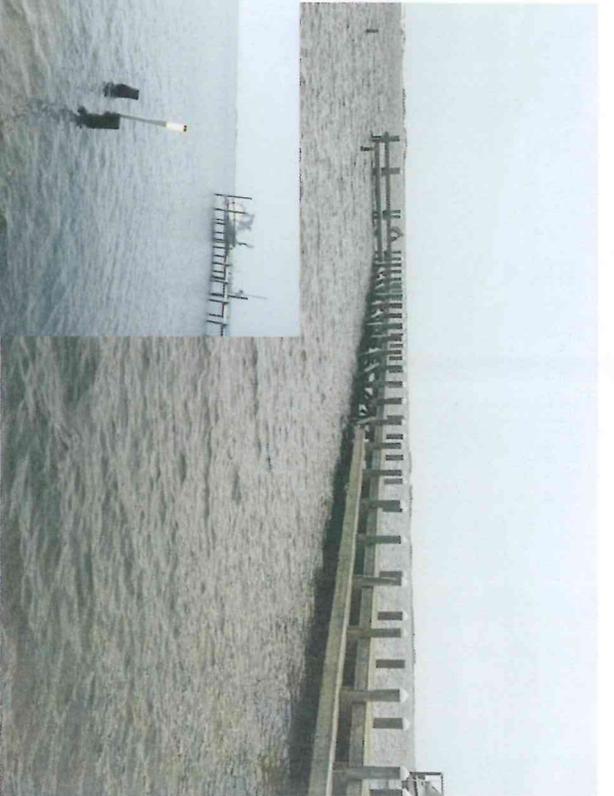
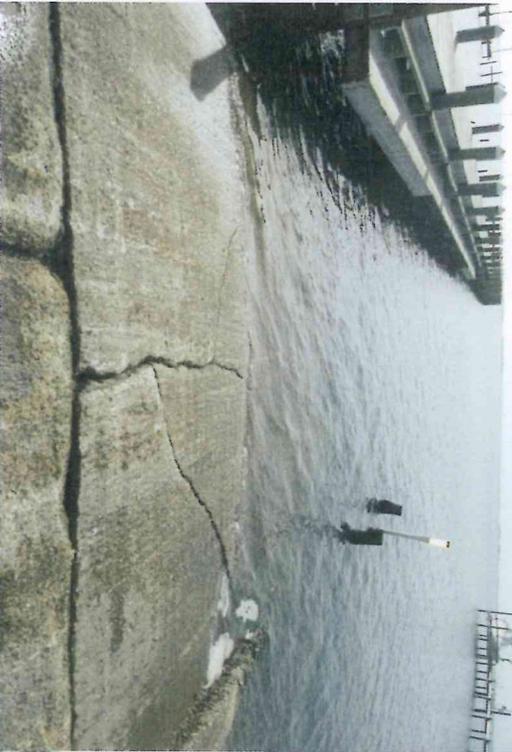


Woodlawn Beach Boat Ramp

L - Pier

Located on the south end of
Woodlawn Beach Road

- Purpose
 - Tie up at dock to load or unload passengers and belongings
 - Fishing Pier
- Intended Use
 - Watercraft entering Santa Rosa Sound
 - Fishing in Santa Rosa Sound
- 6' x 278' with 8' x 24' L; 2' x 21' catwalk, 2' x 97' catwalk, 2' x 72' catwalk: 2,240 sf
 - Treated pilings
 - Treated decking
- Re-built 2005 for \$53,692.71: \$24 sf
- Requested repairs
 - Replace decking
 - Replace braces
 - Replace bolts
 - Need to check pilings
- Condition – Poor



Pier/Dock Summary and Recommendations

Sandpiper Village Park Pier and Seawall— 6x250, 10x21, 120LF Seawall. — Poor Condition.

Recommendation is to replace this seawall and pier by contract services. Rough Estimate for replacement of both pier and seawall \$ 120,000. Possible funding from District Rec funds since it is fairly urgent.

Woodlawn Beach Boat Ramp Piers — 6x278, 8x24, 2x21, 2x97, 2x72- Poor Condition,

Recommend further investigation of pile integrity. Rough Estimate for replacement of both piers \$ 112,000. Possible funding from FBIP, FL Boater Regist. Fee, and District Rec Funds

Florida Town Park Straight Pier — 8x95 — Poor Condition. There is \$5000 in FRDAP grant money coming available for re-decking. Recommendation is to replace this pier by contract services. Rough estimate for replacement \$ 40,000. Might consider using rec funds since we are planning major improvements in the park.

Marquis Basin Straight Piers — 7x93 and 6x94 — Poor Condition - Recommendation is to replace these two piers by contract services. Rough Estimate for replacement of both piers \$ 61,000 Possible funding from FBIP, FL Boater Regist. Fee, and District Rec Funds

Navarre Park Performance Pier — Poor Condition — Closed. Recommend the pier remain closed and the replacement be addressed in the Navarre Park Master Plan. Rough estimate for replacement cost \$ 40,000. Possible Funding Source for Repairs: FRDAP since it might compete well since it is associated with the park.

Navarre Park Boardwalk Pier — 8x505 - Poor Condition- Closed. Recommend the pier remain closed and the replacement be addressed in the Navarre Park Master Plan. Rough estimate for replacement cost \$ 202,000. Possible Funding Source for Repairs: FRDAP since it might compete well being associated with the park.

Oriole Beach Boat Ramp Piers — 10x276 and 10x20, 6x18 and 2x63 — Fair Condition. Recommend replacing decking, broken braces and piles. Also, recommend replacing structural bolts or add SS fasteners to provide additional support. In-house repairs estimated at \$ 5000.00. (Materials) It may help to further investigate pile integrity prior to further expenditures on the two docks.

Archie Glover T Pier (NE) — 4'x40' and 8'x40' — Fair Condition — Needs one broken pile replaced. Estimated \$2500 repair for materials. Repair In-house. Recommend replacing structural bolts or add SS fasteners to provide additional support.

Bal Alex Bluff Drive L-Pier – 4'x99' and 4' x20' – Fair Condition – Needs decking, braces, possibly replace structural bolts or add SS fasteners to each side of header. Estimated \$3500 repair for materials. Repair In-house.

Bal Alex Bluff Drive Seawall Top – 2'x242' – Fair Condition – Needs re-decking. Estimated \$3000 repair for materials. Repair In-house.

Garcon Point Boat Ramp – 5x42 and 5x12 – Fair Condition – Both piers need re-decking. Replace structural bolts or add SS fasteners such as nails or lag bolts. Estimated \$3500 repair for materials. Repair in-house.

Holley Boat Ramp Oak Street – L-pier, 4x40, 11x11 and 2x40 – Fair Condition. Replace decking, replace structural bolts or as SS fasteners such as nails or lag bolts. Estimated \$3500 repair for materials. Repair in-house

Oyster Pile Boat Ramp Piers – 5x26, 5x34, 6x101, 6x146 – Fair Condition. Recommend replacing decking, repair/replace stringer boards as needed, add or replace fasteners as needed. Estimated \$5000 repair for materials. Repair in-house.

Quintette Boat Ramp – 4x60 – Fair Condition. Recommend replacing decking and installing additional fasteners to stringers and piles. Estimated \$2500 repair for materials. Repair in-house.

Simpson River Fishing Pier (Hwy 90) – Fair Condition. – Recommend replacing decking, benches and add structural fasteners to stingers and piles. In-house Project Estimated \$5000 repair for materials.

Archie Glover Straight Pier – 5'x70' – Good Condition – No Action

Archie Glover T Pier – 4'x100' and 8'x39' – Good Condition – No Action

Avalon –Bonfire Drive L-Pier – 5'x22' and 5'x10' – Good Condition – No Action

East River Boat Ramp L-Pier on Hwy 87 – 4x41 and 5x10 – Good Condition. No Action

Navarre Park T Pier – 6x249 and 11x32 – Good Condition. No Action