

Department of Homeland Security Federal Emergency Management Agency

General Info

Project #	162386	PW #	396	Project Type	Specialized
Project Category	G - Parks, Recreational Facilities, and Other Items			Applicant	Orange Beach, City of (003-57144-00)
Project Title	Canoe Trail			Event	4563DR-AL (4563DR)
Project Size	Large			Declaration Date	9/20/2020
Activity Completion Date	3/20/2022			Incident Start Date	9/14/2020
Process Step	Pending Peer Review			Incident End Date	9/16/2020

Damage Description and Dimensions

The Disaster # 4563DR, which occurred between **09/14/2020** and **09/16/2020**, caused:

Damage #415570; Canoe Trail, Gulf Bay Road Park

Due to applicant already signing paperwork before all sites were separated the entire site report and photo page for all sites have been uploaded.

General Facility Information:

- **Facility Type:** Parks, Cemeteries, and Recreational Facilities
- **Facility:** Gulf Bay Park
- **Facility Description:** Recreational park open to the public
- **Approx. Year Built:** 2007
- **Location Description:** Gulf Bay road
- **GPS Latitude/Longitude:** 30.29915, -87.61044

General Damage Information:

- **Date Damaged:** 9/16/2020
- **Cause of Damage:** Storm surge flooding and hurricane force winds

Facility Damage:

- Fencing, split rail , 313 FT long x 3 FT high, storm surge and wave action uplifted, broke, and washed away component , 0% work completed.
- Docks, 2 each of floating dock attachment hardware (2 sets of hinges and piling guides), storm surge and wave action uplifted, broke, and washed away component , 0% work completed.
- Docks, 6 each of polyethylene dock float, 48 IN long x 24 IN wide x 16 IN deep, storm surge and wave action uplifted, broke, and washed away component , 0% work completed.
- Piers, wooden treated lumber deck boards , 288 LF long x 6 IN wide x 2 IN thick, storm surge and wave action uplifted, broke, and washed away component , 0% work completed.
- Piers, 4 each of wooden treated lumber pilings , 30 FT long x 8 IN in diameter, storm surge and wave action uplifted, broke, and washed away component, 0% work completed.
- Piers, wooden treated lumber joists , 108 LF long x 8 IN wide x 2 IN thick, storm surge and wave action uplifted, broke, and washed away framing , 0% work completed.

Damage #458444; Cypress Avenue

General Facility Information:

- **Facility Type:** Parks, Cemeteries, and Recreational Facilities
- **Facility:** Cypress Avenue park
- **Facility Description:** Recreational facility
- **Approx. Year Built:** 2007
- **Location Description:** Cypress avenue
- **GPS Latitude/Longitude:** 30.29434, -87.58979

General Damage Information:

- **Date Damaged:** 9/16/2020
- **Cause of Damage:** Storm surge flooding and high winds

Facility Damage:

- Driveways, 19.1111 CY of limestone, 172 FT long x 18 FT wide x 2 IN deep, storm surge flooding caused material to undermine and wash away, 0% work completed.
- Driveways, 32.4074 CY of sand , 35 FT long x 25 FT wide x 1 FT deep, storm surge flooding caused surface material to erode and wash away, 0% work completed.
- Ditch, 2.4444 CY of silt / ditch cleaning, 22 FT long x 12 FT wide x 3 IN deep, storm surge flooding caused silt to collect inside ditchline, to be removed, 0% work completed.

Damage #458449; Canoe Trail, Washington Ave Park

General Facility Information:

- **Facility Type:** Parks, Cemeteries, and Recreational Facilities
- **Facility:** Washington avenue park
- **Facility Description:** Park with pier open to the public
- **Approx. Year Built:** 2007
- **Location Description:** Washington avenue
- **GPS Latitude/Longitude:** 30.27503, -87.57306

General Damage Information:

- **Date Damaged:** 9/16/2020
- **Cause of Damage:** Storm surge flooding

Facility Damage:

- Piers, 26 each of wooden treated lumber , 25 LF long x 8 IN in diameter, storm surge flooding caused material to shift compromising it by being out of plum, 0% work completed.
- Piers, wooden treated lumber, 1,234 LF long x 6 IN wide x 2 IN thick, storm surge flooding caused material to become displaced by washing it away or cracking them , 0% work completed.
- Piers, wooden treated lumber, 351 LF long x 8 IN wide x 2 IN thick, storm surge flooding caused material to become displaced by washing them away and or cracking them , 0% work completed.

Damage #458454; Canoe Trail, Harrison Park

General Facility Information:

- **Facility Type:** Parks, Cemeteries, and Recreational Facilities
- **Facility:** Harrison Park
- **Facility Description:** Recreational park open to the public
- **Approx. Year Built:** 2007
- **Location Description:** Canoe Trail Harrison Park
- **GPS Latitude/Longitude:** 30.29871, -87.55485

General Damage Information:

- **Date Damaged:** 9/16/2020
- **Cause of Damage:** Storm surge flooding

Facility Damage:

- Fencing, wooden privacy, 360 FT long x 6 FT high, storm surge flooding and high winds caused material to be displaced by washing/blowing away, 0% work completed.
- Fencing, wooden round rail , 52 FT long x 3 FT high, storm surge flooding and high winds caused material to washing or blow away, 0% work completed.
- Benches, 1 each of cast iron , 40 IN long x 13 IN wide x 17 IN thick, storm surge flooding and high wind uplifted component blowing it away, 0% work completed.

Damage #458456; Canoe Trail, Hayden Drive

General Facility Information:

- **Facility Type:** Parks, Cemeteries, and Recreational Facilities
- **Facility:** Hayden drive
- **Facility Description:** Recreational facility
- **Approx. Year Built:** 2004
- **Location Description:** Hayden drive
- **GPS Latitude/Longitude:** 30.31026, -87.51936

General Damage Information:

- **Date Damaged:** 9/16/2020
- **Cause of Damage:** Storm surge flooding and high winds

Facility Damage:

- Fencing, wooden split rail, 30 FT long x 3 FT high, storm surge flooding and high winds caused material to uplift, break, and wash away, 0% work completed.
- Piers, 26 each of wooden treated lumber, 6 FT long x 6 IN wide x 2 IN thick, storm surge flooding caused material to break, uplift, and be washed away, 0% work completed.
- Piers, 4 each of wooden treated lumber, 10 FT long x 6 IN wide x 2 IN thick, storm surge flooding caused material to uplift, break and be washed away, 0% work completed.
- Piers, 6 each of wooden treated lumber, 25 FT long x 8 IN in diameter, storm surge flooding caused material to shift, break, become out of plum, and or be washed away, 0% work completed.
- Decks, 60 SF of wooden treated lumber , 10 FT long x 6 FT wide, storm surge flooding caused material to be uplifted, break, and wash away, 0% work completed.

Damage #458459; Canoe Trail, Mississippi Avenue

General Facility Information:

- **Facility Type:** Parks, Cemeteries, and Recreational Facilities
- **Facility:** Mississippi avenue park
- **Facility Description:** Recreational facility
- **Approx. Year Built:** 2007
- **Location Description:** Mississippi avenue
- **GPS Latitude/Longitude:** 30.30100, -87.51601

General Damage Information:

- **Date Damaged:** 9/16/2020
- **Cause of Damage:** Storm surge flooding

Facility Damage:

- Fencing, wooden split rail, 55 FT long x 3 FT high, storm surge flooding caused material to uplift, break, and wash away, 0% work completed.
- Fencing, wooden privacy , 245 FT long x 6 FT high, storm surge flooding caused material to uplift, break

and wash away, 0% work completed.

- Tables, 1 each of picnic , 72 IN W x 60 IN D x 31 IN H, storm surge flooding caused material to uplift and wash away, 0% work completed.
- Piers, 31 each of wooden treated lumber, 25 FT long x 8 IN in diameter, storm surge flooding caused material to uplift, break, and be washed away, 0% work completed.
- Piers, 26 each of wooden treated lumber, 9 FT long x 8 IN wide x 2 IN thick, storm surge flooding caused material to uplift, break, and wash away, 0% work completed.
- Piers, 91 each of wooden treated lumber, 7 FT long x 8 IN wide x 2 IN thick, storm surge flooding caused material to uplift, break, and wash away, 0% work completed.
- Piers, 180 each of wooden treated lumber, 8 FT long x 6 IN wide x 2 IN thick, storm surge flooding caused material to uplift, break, and wash away, 0% work completed.
- Piers, 94 each of wooden treated lumber, 6 FT long x 6 IN wide x 2 IN thick, storm surge flooding caused material to uplift, break, and wash away, 0% work completed.
- Sidewalk, 100 SF of concrete , 20 FT long x 5 FT wide, storm surge flooding caused material to shift, uplift, and separate at joints, 0% work completed.
- surface , 44.4444 CY of sand, 60 FT long x 30 FT wide x 8 IN deep, storm surge flooding caused material to uplift and wash away, 0% work completed.
- Bulkhead, sheathing and face boards, 166 LF long x 6 IN wide x 2 IN thick, storm surge and wave action uplifted, broke, and or washed away framing, 0% work completed.
- Bulkhead, top plate, 66 LF long x 12 IN wide x 2 IN thick, storm surge and wave action uplifted, broke, and or washed away framing, 0% work completed.

Damage #458462; Canoe Trail, Look Rook Road

General Facility Information:

- **Facility Type:** Parks, Cemeteries, and Recreational Facilities
- **Facility:** Look Rook park
- **Facility Description:** Recreational facility
- **Approx. Year Built:** 2007
- **Location Description:** Canoe trail Look Rook off Jackson avenue
- **GPS Latitude/Longitude:** 30.29455, -87.53692

General Damage Information:

- **Date Damaged:** 9/16/2020
- **Cause of Damage:** Storm surge flooding

Facility Damage:

- Fencing, wooden split rail, 16 FT long x 4 FT high, storm surge flooding and high winds caused material to uplift, break and wash away , 0% work completed.
- Piers, 54 each of wooden treated lumber, 23 FT long x 7 IN in diameter, storm surge and wave action uplifted, broke, and or washed away framing , 0% work completed.
- Piers, 3 each of wooden treated lumber, 20 FT long x 8 IN wide x 2 IN thick, storm surge and wave action uplifted, broke, and or washed away framing , 0% work completed.
- Piers, 49 each of wooden treated lumber, 5 FT long x 8 IN wide x 2 IN thick, storm surge and wave action uplifted, broke, and or washed away framing , 0% work completed.
- Piers, 106 each of wooden treated lumber, 10 FT long x 8 IN wide x 2 IN thick, storm surge and wave action uplifted, broke, and or washed away framing , 0% work completed.
- Piers, 22 each of wooden treated lumber, 20 FT long x 6 IN wide x 2 IN thick, storm surge and wave action uplifted, broke, and or washed away framing , 0% work completed.
- Piers, 432 each of wooden treated lumber, 6 FT long x 6 IN wide x 2 IN thick, storm surge and wave action uplifted, broke, and or washed away framing , 0% work completed.
- Roadway surface , 9.8765 CY of 57 limestone, 100 FT long x 16 FT wide x 2 IN deep, storm surge flooding caused material to undermine and wash away, 0% work completed.
- armour, 1.8519 CY of rip rap , 5 FT long x 5 FT wide x 2 FT deep, storm surge flooding caused material to undermine and wash away, 0% work completed.
- Benches, 2 each of wooden , 5 FT long x 3 FT high, storm surge and wave action uplifted, and or washed away benches, 0% work completed.

Damage #458463; Canoe Trail, White Avenue

General Facility Information:

- **Facility Type:** Parks, Cemeteries, and Recreational Facilities
- **Facility:** White avenue recreation park
- **Facility Description:** Recreational facility
- **Approx. Year Built:** 2007
- **Location Description:** White avenue
- **GPS Latitude/Longitude:** 30.29353, -87.54545

General Damage Information:

- **Date Damaged:** 9/16/2020
- **Cause of Damage:** Storm surge flooding

Facility Damage:

- Fencing, wooden split rail , 275 FT long x 3 FT high, storm surge and wave action uplifted, broke, and washed away component , 0% work completed.

Damage #458465; Canoe Trail, Wilson Boulevard

General Facility Information:

- **Facility Type:** Parks, Cemeteries, and Recreational Facilities
- **Facility:** Wilson blvd canoe trail
- **Facility Description:** Recreational facility
- **Approx. Year Built:** 2007
- **Location Description:** Wilson blvd
- **GPS Latitude/Longitude:** 30.29134, -87.55876

General Damage Information:

- **Date Damaged:** 9/16/2020
- **Cause of Damage:** Storm surge flooding

Facility Damage:

- Fencing, wooden round rail, 35 FT long x 3 FT high, storm surge flooding and hurricane force winds caused material to uplift, break, wash and or blow away, 0% work completed.
- Parking Lots, 11.8827 CY of surface 57 limestone , 55 FT long x 35 FT wide x 2 IN deep, storm surge flooding undermined material washing it away, 0% work completed.
- Signage, 1 each of wayfinding sign , 36 IN long x 26 IN wide, storm surge flooding and hurricane force winds caused component to break away from post and get swept away, 0% work completed.
- Armour, 38.5185 CY of rip rap, 52 FT long x 10 FT wide x 2 FT deep, storm surge flooding undermined material causing it to uplift and wash away, 0% work completed.

Damage #458467; Canoe Trail, Moses Rd

General Facility Information:

- **Facility Type:** Parks, Cemeteries, and Recreational Facilities
- **Facility:** Moses road recreational facility
- **Facility Description:** Recreational facility
- **Approx. Year Built:** 2007
- **Location Description:** Moses road
- **GPS Latitude/Longitude:** 30.27971, -87.56829

General Damage Information:

- **Date Damaged:** 9/16/2020

- **Cause of Damage:** Storm surge flooding

Facility Damage:

- Fencing, wooden privacy, 230 LF long x 6 FT high, storm surge flooding caused material to uplift, break, wash and or blow away, 0% work completed.
- Fencing, wooden round rail, 24 LF long x 3 FT high, storm surge flooding caused material to uplift, break, wash and or blow away, 0% work completed.
- Tables, 1 each of wooden picnic, 6 FT long x 5 FT wide x 30 IN high, storm surge flooding caused material to break, uplift, and wash away, 0% work completed.

Damage #458470; Canoe Trail, Jubilee Point Rd

General Facility Information:

- **Facility Type:** Parks, Cemeteries, and Recreational Facilities
- **Facility:** Jubilee point
- **Facility Description:** Recreational park
- **Approx. Year Built:** 2007
- **Location Description:** Jubilee point
- **GPS Latitude/Longitude:** 30.27993, -87.56452

General Damage Information:

- **Date Damaged:** 9/16/2020
- **Cause of Damage:** Storm surge flooding

Facility Damage:

- Fencing, wooden round rail, 334 FT long x 3 FT high, storm surge flooding and hurricane force winds caused material to break, uplift, wash and or get blown away, 0% work completed.
- Piers, wooden treated lumber, 840 LF long x 6 IN wide x 2 IN thick, storm surge and wave action uplifted, broke, and washed away framing, 0% work completed.
- Piers, 20 each of wooden treated lumber, 6 FT long x 6 IN wide x 2 IN thick, storm surge and wave action uplifted, broke, and washed away framing, 0% work completed.
- Piers, 18 each of wooden treated lumber, 25 LF long x 8 IN in diameter, storm surge and wave action uplifted, broke, and washed away framing, 0% work completed.
- Piers, wooden treated lumber, 180 LF long x 6 IN wide x 2 IN thick, storm surge and wave action uplifted, broke, and washed away framing, 0% work completed.

Damage #458471; Canoe Trail, Cross Lane

General Facility Information:

- **Facility Type:** Parks, Cemeteries, and Recreational Facilities
- **Facility:** Cross lane boardwalk
- **Facility Description:** Boardwalk allowing homeowners, guest, and tourist to cross sand dunes to the beach
- **Approx. Year Built:** 2007
- **Location Description:** Intersection of Cross Lane and Rollins road
- **GPS Latitude/Longitude:** 30.26355, -87.60456

General Damage Information:

- **Date Damaged:** 9/16/2020
- **Cause of Damage:** Storm surge flooding

Facility Damage:

- Sand on the boardwalk, 12.963 CY of sand , 50 FT long x 7 FT wide x 1 FT deep, storm surge and wave action uplifted sand material onto boardwalk preventing the applicant from the removal of it due to endangered species in the area , 0% work completed.

Damage #458472; Canoe Trail, Perdido Beach Blvd

General Facility Information:

- **Facility Type:** Parks, Cemeteries, and Recreational Facilities
- **Facility:** Boardwalk
- **Facility Description:** Boardwalk allowing tourist, guest, and homeowners cross over sand dunes
- **Approx. Year Built:** 2007
- **Location Description:** Perdido Beach Blvd
- **GPS Latitude/Longitude:** 30.26054, -87.61585

General Damage Information:

- **Date Damaged:** 9/16/2020
- **Cause of Damage:** Storm surge flooding

Facility Damage:

- Signage, 5 each of flag pole, 21 LF long, storm surge and wave action uplifted, broke, and washed away component, 0% work completed.
- Boardwalk, wooden treated lumber, 40 LF long x 6 IN wide x 2 IN thick, storm surge and wave action uplifted, broke, and or washed away framing, 0% work completed.
- Boardwalk, wooden treated lumber, 140 FT long x 10 IN wide x 2 IN thick, storm surge and wave action uplifted, broke, and or washed away framing, 0% work completed.
- Boardwalk, wooden treated lumber, 20 LF long x 8 IN wide x 8 IN thick, storm surge and wave action uplifted, broke, and or washed away framing, 0% work completed.
- Boardwalk, wooden treated lumber, 240 LF long x 8 IN wide x 2 IN thick, storm surge and wave action uplifted, broke, and or washed away framing, 0% work completed.
- Boardwalk, 5 each of wooden treated lumber, 10 FT long x 8 IN wide x 2 IN thick, storm surge and wave action uplifted, broke, and or washed away framing, 0% work completed.
- Boardwalk, 5 each of wooden treated lumber, 10 FT long x 12 IN wide x 2 IN thick, storm surge and wave action uplifted, broke, and or washed away framing, 0% work completed.
- Boardwalk, 5 each of wooden treated lumber, 16 FT long x 6 IN wide x 6 IN thick, storm surge and wave action uplifted, broke, and or washed away framing, 0% work completed.

Final Scope

415570 Canoe Trail, Gulf Bay Road Park

Damage #415570; Canoe Trail – Gulf Bay Park Road

WORK TO BE COMPLETED

*The applicant will utilize contractor and (or) force account for repairs to **Gulf Bay Park Road** to restore this facility back to its pre-disaster design, function, and capacity (in-kind) within the existing footprint.*

EXTERIOR, GPS 30.29915, -87.61044

1. Remove and replace, 313 LF, split rail fence, 3 FT high. (GPS 30.299106 -87.609924; 30.299181 -87.610413)
2. Remove and replace, 2 EA, floating dock attachment hardware, (hinges and piling guides)
3. Remove and replace, 6 EA, polyethylene dock float, 48 IN long x 24 IN wide x 16 IN deep.
4. Remove and replace, 144 SF, treated lumber, 2 IN thick.
5. Remove and replace, 30 LF, treated lumber pilings, 8 IN diameter.

6. Remove and replace, 108 LF, wooden treated lumber joists, 108 LF long x 8 IN wide x 2 IN thick.

TOTAL DAMAGE INVENTORY: \$22,735.25

PROJECT NOTES:

1. Damages for DI 458471 and DI 458472 have been incorrectly swapped in the DDD. This Scope of Work corrects the error by swapping damages for DI 458471 with damages for DI 458472.
2. All estimates for work to be completed were generated using RSMMeans cost data year 2021 for Mobile, Alabama.
3. All repairs to meet accepted "Industry Standards" and all currently enforceable "Codes and Standards"
4. A Cost Estimating Format (CEF) has been created for this project. See attached cost estimate "**162386 - DR4563(AL) – CEF Cost Estimate FEMA**". Quantities may be increased from the SOW to capture additional work due to best construction practices, to seam repairs to the adjacent areas, adjustments to minimum job quantities, etc. and will be noted on the estimate as necessary.
5. Procurement shall be in accordance with local, state, and federal procurement laws, regulations, and procedures.
6. All borrow or fill material must come from pre-existing stockpiles, material reclaimed from maintained roadside ditches (provided the designed width or depth of the ditch is not increased), or commercially procured material from a source existing prior to the event. For any FEMA-funded project requiring the use of a non-commercial source or a commercial source that was not permitted to operate prior to the event (e.g. a new pit, agricultural fields, road ROWs, etc.) in whole or in part, regardless of cost, the Applicant must notify FEMA and the Recipient prior to extracting material. FEMA must review the source for compliance with all applicable federal environmental planning and historic preservation laws and executive orders prior to a subrecipient or their contractor commencing borrow extraction. Consultation and regulatory permitting may be required. Non-compliance with this requirement may jeopardize receipt of federal funding. Documentation of borrow sources utilized is required at closeout.
7. Project work completion percentages are accurately depicted in the DDD.
8. Applicant will be required to obtain any necessary Federal, State, and Local environmental permits prior to the start of construction.

458444 Cypress Avenue

Damage #458444; Canoe Trail – Cypress Avenue

WORK TO BE COMPLETED

*The applicant will utilize contractor and (or) force account for repairs to **Cypress Avenue** to restore this facility back to its pre-disaster design, function, and capacity (in-kind) within the existing footprint.*

EXTERIOR, GPS 30.29434, -87.58979

1. Remove and replace, 26.75 TN, limestone, 2 IN deep.
2. Remove and replace, 45.37 TN, sand, 1 FT deep,
3. Remove and replace, 3.42 TN, silt, 3 IN deep

TOTAL DAMAGE INVENTORY: \$4,331.72

458449 Canoe Trail, Washington Ave Park

Damage #458449; Canoe Trail – Washington Avenue Park

WORK TO BE COMPLETED

The applicant will utilize contractor and (or) force account for repairs to **Washington Avenue Park** to restore this facility back to its pre-disaster design, function, and capacity (in-kind) within the existing footprint.

EXTERIOR, 30.27503, -87.57306

1. Remove and replace, 650 LF, treated lumber, 8 IN in diameter
2. Remove and replace, 617 SF, treated lumber, 2 IN thick
3. Remove and replace, 175.5 SF, treated lumber, 2 IN thick

TOTAL DAMAGE INVENTORY: \$55,331.86

458454 **Canoe Trail, Harrison Park**

Damage #458454; Canoe Trail – Harrison Park

WORK TO BE COMPLETED

The applicant will utilize contractor and (or) force account for repairs to **Harrison Park** to restore this facility back to its pre-disaster design, function, and capacity (in-kind) within the existing footprint.

EXTERIOR, 30.29871, -87.55485

1. Remove and replace, 360 LF, wooden fencing, 6 FT high. (GPS 30.298766 -87.554545 (e) 30.298708 -87.553984)
2. Remove and replace, 52 LF, 3 FT high
3. Remove and replace 1 EA, cast iron bench, 4 ft long

TOTAL DAMAGE INVENTORY: \$15,255.36

458456 **Canoe Trail, Hayden Drive**

Damage #458456; Canoe Trail – Hayden Drive

WORK TO BE COMPLETED

The applicant will utilize contractor and (or) force account for repairs to **Hayden Drive** to restore this facility back to its pre-disaster design, function, and capacity (in-kind) within the existing footprint.

EXTERIOR, 30.31026, -87.51936

1. Remove and replace, 30 LF, wooden split-rail fencing, 3 FT high
2. Remove and replace, 78 SF, treated lumber, 2 IN thick
3. Remove and replace, 20 SF, treated lumber, 2 IN thick
4. Remove and replace, 150 LF, treated lumber, 8 IN diameter

5. Remove and replace, 60 SF, treated lumber, 2 IN thick

TOTAL DAMAGE INVENTORY: \$18,099.76

458459 Canoe Trail, Mississippi Avenue

Damage #458459; Canoe Trail – Mississippi Avenue

WORK TO BE COMPLETED

*The applicant will utilize contractor and (or) force account for repairs to **Mississippi Avenue** to restore this facility back to its pre-disaster design, function, and capacity (in-kind) within the existing footprint.*

EXTERIOR, 30.30100, -87.51601

1. Remove and replace, 55 LF, fencing, wooden split rail, 3 FT high
2. Remove and replace, 245 LF, fencing, wooden privacy, 6 FT high (GPS 30.301138 -87.516268 (e) 30.300861 -87.516048)
3. Remove and replace, 1 EA, picnic table
4. Remove and replace, 60 SF, treated lumber, 2 in thick
5. Remove and replace, 775 LF, treated lumber piles, 8 in dia.
6. Remove and replace, 156 SF, treated lumber, 2 in thick
7. Remove and replace, 425 SF, treated lumber, 2 in thick
8. Remove and replace, 720 SF, treated lumber, 2 in thick
9. Remove and replace, 282 SF, treated lumber, 2 in thick
10. Remove and replace, 100 SF, concrete sidewalk
11. Remove and replace, 62.22 TN, sand
12. Remove and replace, 83 SF, treated lumber, 2 in thick
13. Remove and replace, 66 SF, treated lumber, 2 in thick

TOTAL DAMAGE INVENTORY: \$125,518.29

458462 Canoe Trail, Look Rook Road

Damage #458462; Canoe Trail – Look Rook Road

WORK TO BE COMPLETED

*The applicant will utilize contractor and (or) force account for repairs to **Look Rook Road** to restore this facility back to its pre-disaster design, function, and capacity (in-kind) within the existing footprint.*

EXTERIOR, 30.29455, -87.53692

1. Remove and replace, 16 LF, fencing, wooden split rail.
2. Remove and replace, 1242 LF, wooden treated lumber (piers) 7 IN in diameter
3. Remove and replace, 40 SF, wooden treated lumber, 2 IN thick
4. Remove and replace, 163.33 SF, wooden treated lumber, 2 IN thick.
5. Remove and replace, 706.66 SF, wooden treated lumber, 2 IN thick
6. Remove and replace, 220 SF, wooden treated lumber, 2 IN thick
7. Remove and replace, 4320 SF, wooden treated lumber, 2 IN thick
8. Remove and replace, 13.8 TN, crushed limestone
9. Remove and replace, 2.8 SY, rip rap, 2 FT deep
10. Remove and replace, 2 EA, wooden benches, 5 FT long x 3 FT high

TOTAL DAMAGE INVENTORY: \$230,265.88

458463 Canoe Trail, White Avenue

Damage #458463; Canoe Trail – White Avenue

WORK TO BE COMPLETED

*The applicant will utilize contractor and (or) force account for repairs to **White Avenue** to restore this facility back to its pre-disaster design, function, and capacity (in-kind) within the existing footprint.*

EXTERIOR, 30.29353, -87.54545

1. Remove and replace, 275 LF, fencing, wooden split rail, 275 FT long x 3 FT high, (GPS 30.301138 -87.454431; 30.293068 -87.545533)

TOTAL DAMAGE INVENTORY: \$9,722.25

458465 Canoe Trail, Wilson Boulevard

Damage #458465: Canoe Trail – Wilson Boulevard

WORK TO BE COMPLETED

*The applicant will utilize contractor and (or) force account for repairs to **Wilson Boulevard** to restore this facility back to its pre-disaster design, function, and capacity (in-kind) within the existing footprint.*

EXTERIOR, 30.29134, -87.55876

1. Remove and replace, 35 LF, fencing, wooden round rail, 35 FT long x 3 FT high
2. Remove and replace, 11.8 CY, 57 limestone, 55 FT long x 35 FT wide x 2 IN deep

3. Remove and replace, 1 EA, wayfinding sign, 36 IN long x 26 IN wide,
4. Remove and replace, 57.8 SY, rip rap, 52 FT long x 10 FT wide x 2 FT deep

TOTAL DAMAGE INVENTORY: \$14,898.91

458467 Canoe Trail, Moses Rd

Damage #458467: Canoe Trail – Moses Road

WORK TO BE COMPLETED

*The applicant will utilize contractor and (or) force account for repairs to **Moses Road** to restore this facility back to its pre-disaster design, function, and capacity (in-kind) within the existing footprint.*

EXTERIOR, 30.27971, -87.56829

1. Remove and replace, 230 LF, fencing, wooden privacy, 230 LF long x 6 FT high. (GPS(s) 30.279756 -87.568301 (e) 30.293068 -87.568299)
2. Remove and replace, 24, LF, fencing, wooden, round rail, 24 LF long x 3 FT high
3. Remove and replace, 1 EA, wooden picnic, 6 FT long x 5 FT wide x 30 IN high

TOTAL DAMAGE INVENTORY: \$14,086.13

458470 Canoe Trail, Jubilee Point Rd

Damage #458470; Canoe Trail – Jubilee Point Road

WORK TO BE COMPLETED

*The applicant will utilize contractor and (or) force account for repairs to **Jubilee Point Road** to restore this facility back to its pre-disaster design, function, and capacity (in-kind) within the existing footprint.*

EXTERIOR, 30.27993, -87.56452

1. Remove and replace, 334 LF, fencing, wooden round rail, 334 FT long. GPS (s) 30.279904 -87.564488 (e) 30.279457 -87.564477
2. Remove and replace, 420 SF, wooden treated lumber, 2 IN thick
3. Remove and replace, 60 SF, wooden treated lumber, 2 IN thick
4. Remove and replace, 450 LF, wooden treated lumber piles, 8 IN diameter
5. Remove and replace, 90 SF, treated lumber, 2 IN thick

TOTAL DAMAGE INVENTORY: \$47,867.24

458471 Canoe Trail, Cross Lane

Damage #458471; Canoe Trail – Cross Lane

WORK TO BE COMPLETED

The applicant will utilize contractor and (or) force account for repairs to Cross Lane to restore this facility back to its pre-disaster design, function, and capacity (in-kind) within the existing footprint.

EXTERIOR, 30.26054, -87.61585

Dune Walkover Replacement

1. Remove and replace, 720 LF, 6 x 6 posts
2. Remove and replace, 240 LF, 2 x 10 treated lumber
3. Remove and replace, 400 LF, 2 x 6 treated lumber, joists
4. Remove and replace, 600 LF, 2 x 6 treated lumber, railing
5. Remove and replace, 1800 LF, 2 X 2 treated lumber, railing
6. Remove and replace, 600 SF, 2 x 6 treated lumber, decking
7. Remove and replace, 200 LF, 2 x 12 treated lumber, joists

Handrails

8. Remove and replace, 420 LF, 2 x 6 treated lumber, railing
9. Remove and replace, 1260 LF, 2 x 2 treated lumber, railing
10. Remove and replace, 140 LF, 2 x 12 treated lumber, joists

Stair Transition

11. Remove and replace, 144 LF, 6 x 6 treated lumber, posts
12. Remove and replace, 48 LF, 2 x 10 treated lumber
13. Remove and replace, 48 LF, 2 x 6 treated lumber, joists
14. Remove and replace, 120 LF, 2x 6 treated lumber, railing
15. Remove and replace, 320 LF, 2 x 2 treated lumber, railing
16. Remove and replace, 64 LF, 2 x 12 treated lumber, stair stringer
17. Remove and replace, 132 SF, 2 x 6 treated lumber, decking
18. Remove and replace, 40 LF, 2 x 12 treated lumber, joists

TOTAL DAMAGE INVENTORY: \$58,478

Scope Notes: The SOW for this DI is correct; however, the DDD information for this site was mistakenly switched with DI 458472.

458472 **Canoe Trail, Perdido Beach Blvd**

Damage #458472: Canoe Trail – Perdido Beach Blvd

WORK TO BE COMPLETED

The applicant will utilize contractor and (or) force account for repairs to Perdido Beach Blvd to restore this facility back to its pre-disaster design, function, and capacity (in-kind) within the existing footprint.

EXTERIOR, 30.26355, -87.60456

1. Remove and replace, 12.963 CY, sand, 50 FT long x 7 FT wide x 1 FT deep

TOTAL DAMAGE INVENTORY: \$655.97

Scope Notes: The SOW for this DI is correct; however, the DDD information for this site was mistakenly switched with DI 458471.

406 HMP Scope

This project has been reviewed for mitigation opportunities. Some hazard mitigation has been accomplished by the method of repair in which the Applicant added a seaside stair transition to bring the walkway to the appropriate height above the dune required by Local Code. The increased height and added strength will make the walkway more resilient to storm surges. The costs associated with the method of repair are included in the in-kind repair costs. PA Mitigation review complete.

Cost

Code	Quantity	Unit	Total Cost	Section
9000 (CEF Cost Estimate)	1.00	Lump Sum	\$22,735.25	Uncompleted
9000 (CEF Cost Estimate)	1.00	Lump Sum	\$4,331.72	Uncompleted
9000 (CEF Cost Estimate)	1.00	Lump Sum	\$55,331.86	Uncompleted
9000 (CEF Cost Estimate)	1.00	Lump Sum	\$15,255.36	Uncompleted
9000 (CEF Cost Estimate)	1.00	Lump Sum	\$18,099.76	Uncompleted
9000 (CEF Cost Estimate)	1.00	Lump Sum	\$125,518.29	Uncompleted
9000 (CEF Cost Estimate)	1.00	Lump Sum	\$230,265.88	Uncompleted
9000 (CEF Cost Estimate)	1.00	Lump Sum	\$9,722.25	Uncompleted
9000 (CEF Cost Estimate)	1.00	Lump Sum	\$14,898.91	Uncompleted
9000 (CEF Cost Estimate)	1.00	Lump Sum	\$14,086.13	Uncompleted
9000 (CEF Cost Estimate)	1.00	Lump Sum	\$47,867.24	Uncompleted
9000 (CEF Cost Estimate)	1.00	Lump Sum	\$655.97	Uncompleted
9000 (CEF Cost Estimate)	1.00	Lump Sum	\$58,478.10	Uncompleted

CRC Gross Cost	\$617,246.72
Total 406 HMP Cost	\$0.00
Total Insurance Reductions	\$0.00
<hr/>	
CRC Net Cost	\$617,246.72
Federal Share (75.00%)	\$462,935.04
Non-Federal Share (25.00%)	\$154,311.68

Award Information

Version Information

Version #	Eligibility Status	Current Location	Bundle Number	Project Amount	Cost Share	Federal Share Obligated	Date Obligated
0	Pending	In Review		\$0.00	75 %	\$0.00	

Drawdown History

EMMIE Drawdown Status As of Date	Obligation Number	Expenditure Number	Expended Date	Expended Amount
No Records				

Subgrant Conditions

- As described in Title 2 Code of Federal Regulations (C.F.R.) § 200.333, financial records, supporting documents, statistical records and all other non-Federal entity records pertinent to a Federal award must be retained for a period of three (3) years from the date of submission of the final expenditure report or, for Federal awards that are renewed quarterly or annually, from the date of the submission of the quarterly or annual financial report, respectively, as reported to the Federal awarding agency or pass-through entity in the case of a subrecipient. Federal awarding agencies and pass-through entities must not impose any other record retention requirements upon non-Federal entities. Exceptions are stated in 2 C.F.R. §200.333(a) – (f)(1) and (2). All records relative to this project are subject to examination and audit by the State, FEMA and the Comptroller General of the United States and must reflect work related to disaster-specific costs.
- In the seeking of proposals and letting of contracts for eligible work, the Applicant/Subrecipient must comply with its Local, State (provided that the procurements conform to applicable Federal law) and Federal procurement laws, regulations, and procedures as required by FEMA Policy 2 CFR Part 200, Procurement Standards, §§ 317-326.
- The Recipient must submit its certification of the subrecipient's completion of this project, the final claim for payment, and supporting documentation within 180 days from the date that the applicant completes the scope of work, or the project deadline, whichever occurs first. FEMA reimburses Large Projects (those with costs above the large project threshold) based on the actual eligible final project costs. Therefore, during the final project reconciliation (closeout), the project may be amended to reflect the reconciliation of actual eligible costs.
- When any individual item of equipment purchased with PA funding is no longer needed, or a residual inventory of unused supplies exceeding \$5,000 remains, the subrecipient must follow the disposition requirements in Title 2 Code of Federal Regulations (C.F.R.) § 200.313-314.
- The terms of the FEMA-State Agreement are incorporated by reference into this project under the Public Assistance award and the applicant must comply with all applicable laws, regulations, policy, and guidance. This includes, among others, the Robert T. Stafford Disaster Relief and Emergency Assistance Act; Title 44 of the Code of Federal Regulations; FEMA Policy No. 104-009-2, Public Assistance Program and Policy Guide; and other applicable FEMA policy and guidance.
- The DHS Standard Terms and Conditions in effect as of the declaration date of this emergency declarations or major disaster, as applicable, are incorporated by reference into this project under the Public Assistance grant, which flow down from the Recipient to subrecipients unless a particular term or condition indicates otherwise.
- The Uniform Administrative Requirements, Cost Principles, and Audit Requirements set forth at Title 2 Code of Federal Regulations (C.F.R.) Part 200 apply to this project award under the Public Assistance grant, which flow down from the Recipient to all subrecipients unless a particular section of 2 C.F.R. Part 200, the FEMA-State Agreement, or the terms and conditions of this project award indicate otherwise. See 2 C.F.R. §§ 200.101 and 110.
- The subrecipient must submit a written request through the Recipient to FEMA before it makes a change to the approved scope of work in this project. If the subrecipient commences work associated with a change before FEMA approves the change, it will jeopardize financial assistance for this project. See FEMA Policy No. 104-009-2, Public Assistance Program and Policy Guide.
- Pursuant to section 312 of the Stafford Act, 42 U.S.C. 5155, FEMA is prohibited from providing financial assistance to any entity that receives assistance from another program, insurance, or any other source for the same work. The subrecipient agrees to repay all duplicated assistance to FEMA if they receive assistance for the same work from another Federal agency, insurance, or any other source. If an subrecipient receives funding from another federal program for the same purpose, it must notify FEMA through the Recipient and return any duplicated funding.

Insurance

Additional Information

8/25/2021

The scope of work represented in this project is neither insured nor insurable. No insurance relief is anticipated. No insurance narrative will be produced or uploaded into documents or attachments.

FEMA Policy 206-086-1

PART 2: Other Insurance-Related Provisions. (Sections 312 and 406(d) of the Stafford Act)

A. Duplication of Benefits. FEMA cannot provide assistance for disaster-related losses that duplicate benefits available to an applicant from another source, including insurance.

1. Before FEMA approves assistance for a property, an applicant must provide FEMA with information about any actual or anticipated insurance settlement or recovery it is entitled to for that property.
2. FEMA will reduce assistance to an applicant by the amount of its actual or anticipated insurance proceeds.
3. Applicants must take reasonable efforts to recover insurance proceeds that they are entitled to receive from their insurer(s).

No insurance requirements will be mandated for the damages included in this project. Insurance requirements are specific to permanent work to replace, restore, repair, reconstruct, or construct buildings, contents, equipment, or vehicles. (FEMA Recovery Policy FP 206-086-1).

Larry Wright, (CTR) Insurance Specialist FEMA-PA CRC-East

O&M Requirements

There are no Obtain and Maintain Requirements on **Canoe Trail**.

406 Mitigation

There is no additional mitigation information on **Canoe Trail**.

Environmental Historical Preservation

Is this project compliant with EHP laws, regulations, and executive orders?

Unanswered

EHP Conditions

- Any change to the approved scope of work will require re-evaluation for compliance with NEPA and other Laws and Executive Orders.
- This review does not address all federal, state and local requirements. Acceptance of federal funding requires recipient to comply with all federal, state and local laws. Failure to obtain all appropriate federal, state and local environmental permits and clearances may jeopardize funding.
- If ground disturbing activities occur during construction, applicant will monitor ground disturbance and if any potential archaeological resources are discovered, will immediately cease construction in that area and notify the State and FEMA.

EHP Additional Info

There is no additional environmental historical preservation on **Canoe Trail**.

Final Reviews

Final Review

Reviewed By Not Reviewed

Reviewed On Not Reviewed

Review Comments

No comments available for the Final Review step

Recipient Review

Reviewed By Not Reviewed

Reviewed On Not Reviewed

Review Comments

No comments available for the Recipient Review step

Project Signatures

Signed By Unsigned

Signed On Unsigned