

Lake Pontchartrain and Vicinity Hurricane Protection (East Bank)

1. St. Charles Parish (existing protection 12 to 13 ft.):

- a. Earthen Enlargement (Category 4) - 17 ft.
- b. Earthen Enlargement (Category 5) - 19 ft.
- c. I-Wall (Category 4) - 17 ft.
- d. I-Wall (Category 5) - 19 ft.
- e. Pumping Stations and Drainage Structures (Category 4) - 17 ft.
- f. Pumping Stations and Drainage Structures (Category 5) - 19 ft.

2. Jefferson Parish – Return Levee (existing protection 13.5 to 17 ft.):

- a. T-Wall (Category 4) – 17-19 ft.
- b. T-Wall (Category 5) – 19 -21 ft.

3. Jefferson Parish – Lakefront (existing protection 16 ft.):

- a. Earthen Enlargement (Category 4) - 19 ft.
- b. Earthen Enlargement (Category 5) - 21 ft.
- c. I-Wall (Category 4) - 19 ft.
- d. I-Wall (Category 5) - 21 ft.
- e. T-Wall (Category 4) - 19 ft.
- f. T-Wall (Category 5) - 21 ft.
- g. Pumping Stations (Category 4) - 19 ft.
- h. Pumping Stations (Category 5) - 21 ft.

***^P.S. # 2 & # 3 May need to have Breakwaters raised to maintain safe level of forces on P.S. Walls***

4. Orleans Parish – Jefferson Parish to Seabrook – Lakefront (existing protection 17 to 18.5 ft.):

- a. Earthen Enlargement (Category 4) - 20 – 21.5 ft.
- d. Earthen Enlargement (Category 5) - 22 – 23.5 ft.
- e. I-Wall (Category 4) - 21.5 ft.
- f. I-Wall (Category 5) - 23.5 ft.
- g. T-Wall (Category 4) - 21.5 ft.
- h. T-Wall (Category 5) - 23.5 ft.
- i. Outfall Canals Structures (Category 4) - 21.5 ft.\*
- j. Outfall Canals Structures (Category 5) - 23.5 ft.\*

***\*Note: 17<sup>th</sup> Street, Orleans Ave, London Ave. and Bayou St. John***

5. Orleans Parish – Seabrook to Southpoint (Citrus and New Orleans East Lakefront)

Citrus (existing protection 14.5 ft.):

- a. I-Wall Stone Dike (Category 4) - 17.5 ft.\*\*
- b. I-Wall Stone Dike (Category 5) - 19.5 ft.\*\*
- c. T-Wall Stone Dike (Category 4) - 17.5 ft.\*\*
- d. T-Wall Stone Dike (Category 5) - 19.5 ft.\*\*
- e. Pumping Stations (Category 4) - 17.5 ft.\*\*
- f. Pumping Stations (Category 5) - 19.5 ft.\*\*

**\*\*Assuming raising stone breakwater to make this work, else add 2 feet to heights.**

New Orleans East Lakefront (existing protection 18 ft.):

- a. Earthen Enlargement (Category 4) - 21 ft.
- b. Earthen Enlargement (Category 5) - 23 ft.
- c. I-Wall (Category 4) - 21 ft.
- d. I-Wall (Category 5) - 23 ft.

6. Orleans Parish – Southpoint to GIWW (existing protection 13.5 to 17.5 ft.):

- a. Earthen Enlargement (Category 4) - 21 ft.
- b. Earthen Enlargement (Category 5) - 23 ft.
- c. I-Wall (Category 4) - 21 ft.
- d. I-Wall (Category 5) - 23 ft.
- e. Drainage Structures and Floodgates (Category 4) - 21 ft.
- f. Drainage Structures and Floodgates (Category 5) - 23 ft.

7. Orleans Parish – New Orleans East Back Levee (existing protection 17.5 to 19.0 ft.):

- a. Earthen Enlargement (Category 4) - 21 ft.
- b. Earthen Enlargement (Category 5) - 23 ft.
- c. I-Wall (Category 4) - 23 ft.
- d. I-Wall (Category 5) - 25 ft.
- e. Pumping Stations (Category 4) - 23 ft.
- f. Pumping Stations (Category 5) - 25 ft.

8. Orleans Parish – Citrus Back Levee (existing protection 14.0 ft.):

- a. I-Wall (Category 4) - 19.5 ft.
- b. I-Wall (Category 5) - 21.5 ft.
- c. T-Wall (Category 4) - 19.5 ft.
- d. T-Wall (Category 5) - 21.5 ft.

9. Orleans Parish – IHNC East and West (existing protection 13.0 to 14.0 ft.):

- a. T-Wall (Category 4) - 19.5 ft
- b. T-Wall (Category 5) - 21.5 ft.
- c. Pumping Stations and Floodgates (Category 4) - 19.5 ft
- d. Pumping Stations and Floodgates (Category 5) - 21.5 ft.

10. Chalmette Plan – Orleans Parish Reach (IHNC Lock to Bayou Bienvenue)

IHNC Lock to Paris Road Bridge (existing protection 15.0 to 16.0 ft.):

- a. I-Wall (Category 4) - 19.5 ft.
- b. I-Wall (Category 5) - 21.5 ft.
- c. T-Wall (Category 4) - 19.5 ft.
- d. T-Wall (Category 5) - 21.5 ft.
- e. Pumping Stations and Floodgates (Category 4) - 19.5 ft.
- f. Pumping Stations and Floodgates (Category 5) - 21.5 ft.

Along GIWW Paris Road Bridge to Bayou Bienvenue (existing protection 17.5 ft.):

- a. Earthen Enlargement (Category 4) - 21 ft.
- b. Earthen Enlargement (Category 5) - 23 ft..
- c. I-Wall (Category 4) - 23 ft.
- d. I-Wall (Category 5) - 25 ft.
- e. Bayou Bienvenue Structure (Category 4) - 23 ft.
- f. Bayou Bienvenue Structure (Category 5) - 25 ft.

11. Chalmette Plan – St. Bernard Parish (along MRGO) (existing protection 17.5 ft.):

- a. Earthen Enlargement (Category 4) - 21 ft.
- b. Earthen Enlargement (Category 5) - 23 ft.
- c. I-Wall (Category 4) - 23 ft.
- d. I-Wall (Category 5) - 25 ft.
- e. Bayou Dupre Structure (Category 4) - 23 ft.
- f. Bayou Dupre Structure (Category 5) - 25 ft.

12. Chalmette Plan – St. Bernard Parish (MRGO to Mississippi River) (existing protection 13.0 to 17.5 ft.):

- a. Earthen Enlargement (Category 4) - 21 ft.
- b. Earthen Enlargement (Category 5) - 23 ft.
- c. I-Wall (Category 4) - 23 ft.
- d. I-Wall (Category 5) - 25 ft.
- e. T-Wall (Category 4) - 23 ft.
- f. T-Wall (Category 5) - 25 ft.

- g. Drainage Structures and Floodgates (Category 4) - 23 ft.
- h. Drainage Structures and Floodgates (Category 5) - 25 ft.

13. Barrier Plan:

- a. Structure A Complex (MRGO – GIWW Intersection) (Category 4) - 21 ft.
- b. Structure A Complex (MRGO – GIWW Intersection) (Category 5) - 23 ft.
- c. Structure B Complex (Chef Menteur) (Category 4) - 21 ft.
- d. Structure B Complex (Chef Menteur) (Category 5) - 23 ft.
- e. Structure C Complex (Rigolets) (Category 4) - 21 ft.
- f. Structure C Complex (Rigolets) (Category 5) - 23 ft.
- g. Connecting Levees between Structure Complexes (Category 4) - 21 ft.
- h. Connecting Levees between Structure Complexes (Category 5) - 23 ft.
- i. Levee North of the Rigolets Complex (West of the Pearl River) (Category 4) - 21 ft.
- j. Levee North of the Rigolets Complex (West of the Pearl River) (Category 5) - 23 ft.
- k. Seabrook Structure (Category 4) - 19.5 ft.
- l. Seabrook Structure (Category 5) - 21.5 ft.