

Table 8: Restoration Projects Being Considered in the 2017 Coastal Master Plan.

Project ID	Project Type	Name	Description	Parish
001.DI.02	Diversion	Lower Breton Diversion (50,000 cfs)	Sediment diversion of 50,000 cfs into Lower Breton Sound to build and maintain land (modeled at 50,000 cfs for river flows at 1,000,000 cfs; variable flows above 200,000 cfs calculated using a linear function up to 1,000,000 cfs; and open with variable flow rate (larger than 50,000 cfs, estimated using linear extrapolation) for river flow above 1,000,000 cfs. No operation below 200,000 cfs).	Plaquemines
001.DI.100	Diversion	Manchac Landbridge Diversion	A structure in the existing western spillway guide levee to divert 2,000 cfs thereby increasing freshwater exchange with adjacent wetlands.	St. Charles; St. John
001.DI.101	Diversion	Ama Sediment Diversion	Sediment diversion into Upper Barataria near Ama to provide sediment for emergent marsh creation and freshwater to maintain existing wetlands, 50,000 cfs capacity (modeled at 50,000 cfs when Mississippi River flow equals 1,000,000 cfs; open with a variable flow rate calculated using a linear function from zero to 50,000 cfs for river flow between 200,000 cfs and 1,000,000 cfs, diverts exactly 50,000 cfs when Mississippi River flow is 1,000,000 cfs; and open with variable flow rate (larger than 50,000 cfs, estimated using linear extrapolation) for river flow above 1,000,000 cfs. No operation below 200,000 cfs).	St. Charles

Project ID	Project Type	Name	Description	Parish
001.DI.102	Diversion	Union Freshwater Diversion	Diversion into West Maurepas swamp near Burnside to provide sediment for emergent marsh creation and freshwater and fine sediment to maintain existing wetlands, 25,000 cfs capacity (modeled at 25,000 cfs when Mississippi River flow equals 400,000 cfs; closed when river flow is below 200,000 cfs or above 600,000 cfs; a variable flow rate calculated using a linear function from zero to 25,000 cfs for river flow between 200,000 cfs and 400,000 cfs and held constant at 25,000 cfs for river flow between 400,000 cfs and 600,000 cfs).	Ascension
001.DI.103	Diversion	Upper Breton Diversion	Sediment diversion into Upper Breton Sound near Caernarvon to build and maintain land, 75,000 cfs capacity (open with a variable flow rate calculated using a linear function from zero to 75,000 cfs for river flow between 200,000 cfs and 1,000,000 cfs; diverts exactly 75,000 cfs when Mississippi River flow is 1,000,000 cfs; and open with variable flow rate (larger than 75,000 cfs, estimated using linear extrapolation) for river flow above 1,000,000 cfs. No operation below 200,000 cfs).	Plaquemines
001.DI.104	Diversion	Mid-Breton Sound Diversion (35,000 cfs)	Sediment diversion into Mid-Breton Sound in the vicinity of White's Ditch to build and maintain land, 35,000 cfs capacity (modeled at 35,000 cfs when the Mississippi River flow equals 1,000,000 cfs; flow rate calculated using a linear function for river flow from 200,000 cfs to 1,000,000 cfs; flows variable above 1,000,000 cfs; 5,000 cfs minimum flow below 200,000 cfs).	Plaquemines

Project ID	Project Type	Name	Description	Parish
001.DI.17	Diversion	Upper Breton Diversion (250,000 cfs)	Sediment diversion into Upper Breton Sound near Caernarvon to build and maintain land, 250,000 cfs capacity (modeled with a variable flow rate calculated using a linear function from zero to 250,000 cfs for river flow between 200,000 cfs and 1,000,000 cfs; diverts exactly 250,000 cfs when Mississippi River flow is 1,000,000 cfs; and open with variable flow rate (larger than 250,000 cfs, estimated using linear extrapolation) for river flow above 1,000,000 cfs).	Plaquemines
001.DI.18	Diversion	Central Wetlands Diversion (5,000 cfs)	Diversion into Central Wetlands near Violet to provide sediment for emergent marsh creation and freshwater to maintain existing wetlands, 5,000 cfs capacity (modeled at a constant flow of 5,000 cfs, independent of the Mississippi River flow).	St. Bernard
001.DI.21	Diversion	East Maurepas Diversion (2,000 cfs)	Diversion into East Maurepas near Hope Canal to provide sediment for emergent marsh creation and freshwater and fine sediment to maintain existing wetlands, 2,000 cfs capacity (modeled at a constant flow of 2,000 cfs, independent of the Mississippi River flow).	St. John
001.DI.23	Diversion	Mid-Breton Sound Diversion (35,000 cfs)	Sediment diversion into Mid-Breton Sound near Woodlawn to build and maintain land, 35,000 cfs capacity (when Mississippi River flow equals 1,000,000 cfs; and open with variable flow rate (larger than 35,000 cfs, estimated using linear extrapolation) for river flow above 1,000,000 cfs. No operation below 200,000 cfs).	Plaquemines

Project ID	Project Type	Name	Description	Parish
001.MC.08a	Marsh Creation	Central Wetlands Marsh Creation-Component A	Creation of approximately 3,000 acres of marsh in Central Wetlands near Bayou Bienvenue to create new wetland habitat and restore degraded marsh.	Orleans; St. Bernard
001.MC.09	Marsh Creation	Biloxi Marsh Creation	Creation of approximately 37,200 acres of marsh in the eastern portion of Biloxi Marsh from Oyster Bay to Drum Bay to create new wetland habitat and restore degraded marsh.	St. Bernard
001.MC.100	Marsh Creation	Sunrise Point Marsh Creation	Creation of approximately 1,200 acres of marsh on east bank of Plaquemines Parish around Auguste Bay to create new wetland habitat and restore degraded marsh.	Plaquemines
001.MC.101	Marsh Creation	Uhlan Bay Marsh Creation	Creation of approximately 800 acres of marsh on the east bank of Plaquemines Parish around Uhlan Bay to create new wetland habitat and restore degraded marsh.	Plaquemines
001.MC.102	Marsh Creation	Pointe a la Hache Marsh Creation	Creation of approximately 20,000 acres of marsh on the east bank of Plaquemines Parish near Pointe a la Hache to create new wetland habitat and restore degraded marsh.	Plaquemines
001.MC.103	Marsh Creation	Fritchie North Marsh Creation	Creation of approximately 4,300 acres of marsh in St. Tammany Parish along the eastern Lake Pontchartrain shoreline to create new wetland habitat and restore degraded marsh.	St. Tammany
001.MC.104	Marsh Creation	East Bank Land Bridge Marsh Creation	Creation of approximately 2,300 acres of marsh in Plaquemines Parish between Grand Lake and Lake Lery to create new wetland habitat and restore degraded marsh.	Plaquemines

Project ID	Project Type	Name	Description	Parish
001.MC.105	Marsh Creation	Spanish Lake Marsh Creation	Creation of approximately 800 acres of marsh in Plaquemines Parish along the eastern shore of Spanish Lake to create new wetland habitat and restore degraded marsh.	Plaquemines
001.MC.106	Marsh Creation	St. Tammany Marsh Creation	Creation of approximately 5,900 acres of marsh in St. Tammany Parish along the northern shore of Lake Pontchartrain to create new wetland habitat and restore degraded marsh.	St. Tammany
001.MC.107	Marsh Creation	Tiger Ridge/Maple Knoll Marsh Creation	Creation of approximately 4,000 acres of marsh in Plaquemines Parish near Tiger Ridge to create new wetland habitat and restore degraded marsh.	Plaquemines
001.MC.108	Marsh Creation	Guste Island Marsh Creation	Creation of approximately 700 acres of marsh in St. Tammany Parish along the northwest Lake Pontchartrain shoreline to create new wetland habitat and restore degraded marsh.	St. Tammany
001.MC.13	Marsh Creation	Golden Triangle Marsh Creation	Creation of approximately 4,100 acres of marsh in Golden Triangle Marsh between the MRGO and GIWW to create new wetland habitat and restore degraded marsh.	Orleans; St. Bernard
001.MC.17	Marsh Creation	Eastern Lake Borgne Marsh Creation	Creation of approximately 7,000 acres of marsh in Biloxi Marsh on eastern shore of Lake Borgne near Bayou La Loutre to create new wetland habitat and restore degraded marsh.	St. Bernard
001.OR.01a	Oyster Barrier Reef	Biloxi Marsh Oyster Barrier Reef-Component A	Creation of approximately 104,400 feet of oyster barrier reef to a design elevation of 2 feet NAVD88 along the eastern shore of Biloxi Marsh to provide oyster habitat, reduce wave erosion, and prevent further marsh degradation.	St. Bernard

Project ID	Project Type	Name	Description	Parish
001.OR.100	Oyster Barrier Reef	North Biloxi Marsh Oyster Reef	Creation of approximately 66,200 feet of oyster barrier reef to a design elevation of 2 feet NAVD88 along the northern shore of Biloxi Marsh to provide oyster habitat, reduce wave erosion, and prevent further marsh degradation.	St. Bernard
001.RC.01	Ridge Restoration	Bayou LaLoutre Ridge Restoration	Restoration of approximately 108,900 feet of historic ridge to an elevation of 5 feet NAVD88 to provide coastal upland habitat, restore natural hydrology, and provide wave and storm surge attenuation to approximately 210 acres along Bayou LaLoutre.	St. Bernard
001.RC.100	Ridge Restoration	Bayou Terre aux Ridge Restoration	Restoration of approximately 91,200 feet of historic ridge to an elevation of 5 feet NAVD88 to provide coastal upland habitat, restore natural hydrology, and provide wave and storm surge attenuation to approximately 180 acres along Bayou Terre aux Boeufs.	St. Bernard
001.RC.102	Ridge Restoration	Bayou Aux Chenes Ridge Restoration	Restoration of approximately 113,200 feet of historic ridge to an elevation of 5 feet NAVD88 to provide coastal upland habitat, restore natural hydrology, and provide wave and storm surge attenuation to approximately 220 acres along Bayou Aux Chenes.	Plaquemines
001.RC.103	Ridge Restoration	Carlisle Ridge Restoration	Restoration of approximately 38,200 feet of a natural land bridge to an elevation of 5 feet NAVD88 to provide coastal upland habitat, restore natural hydrology, and provide wave and storm surge attenuation to approximately 80 acres near Carlisle.	Plaquemines

Project ID	Project Type	Name	Description	Parish
001.SP.01	Shoreline Protection	Manchac Landbridge Shoreline Protection	Shoreline protection through rock breakwaters designed to an elevation of 3.5 feet NAVD88 along approximately 5,500 feet of the west side of Lake Pontchartrain north of Pass Manchac near Stinking Bayou to preserve shoreline integrity and reduce wetland degradation from wave erosion.	Tangipahoa
001.SP.03	Shoreline Protection	Eastern Lake Borgne Shoreline Protection	Shoreline protection through rock breakwaters designed to an elevation of 3.5 feet NAVD88 along approximately 54,400 feet of the eastern shore of Lake Borgne to preserve shoreline integrity and reduce wetland degradation from wave erosion.	St. Bernard
001.SP.04	Shoreline Protection	MRGO Shoreline Protection	Shoreline protection through rock breakwaters designed to an elevation of 3.5 feet NAVD88 along approximately 71,500 feet of the north bank of the Mississippi River Gulf Outlet to preserve shoreline integrity and reduce wetland degradation from wave erosion.	Orleans; St. Bernard
001.SP.05	Shoreline Protection	East New Orleans Landbridge Shoreline Protection	Shoreline protection through rock breakwaters designed to an elevation of 3.5 feet NAVD88 along approximately 35,900 feet of the east side of the New Orleans Landbridge near Alligator Bend to preserve shoreline integrity and reduce wetland degradation from wave erosion.	Orleans
001.SP.100	Shoreline Protection	Breton Sound Shoreline Protection	Shoreline protection through rock breakwaters designed to an elevation of 3.5 feet NAVD88 along approximately 217,300 feet of the west side of Breton Sound from the Mississippi River Gulf Outlet to California Bay to preserve shoreline integrity and reduce wetland degradation from wave erosion.	St. Bernard; Plaquemines

Project ID	Project Type	Name	Description	Parish
001.SP.101	Shoreline Protection	Unknown Pass to Rigolets Shoreline Protection	Shoreline protection through rock breakwaters designed to an elevation of 3.5 feet NAVD88 along approximately 2,000 feet of the east side of the New Orleans Landbridge from Unknown Pass to the Rigolets to preserve shoreline integrity and reduce wetland degradation from wave erosion.	Orleans
001.SP.102	Shoreline Protection	North Lake Pontchartrain Shoreline Protection	Shoreline protection through rock breakwaters designed to an elevation of 3.5 feet NAVD88 along approximately 23,300 feet of the north side of the Lake Pontchartrain shoreline to preserve shoreline integrity and reduce wetland degradation from wave erosion.	St. Tammany
001.SP.103	Shoreline Protection	Northeast Lake Pontchartrain Shoreline Protection	Shoreline protection through rock breakwaters designed to an elevation of 3.5 feet NAVD88 along approximately 18,200 feet of the western shore of Lake Pontchartrain east of the Tangipahoa River to preserve shoreline integrity and reduce wetland degradation from wave erosion.	St. Tammany; Tangipahoa
001.SP.104	Shoreline Protection	LaBranche Wetlands Shoreline Protection	Shoreline protection through rock breakwaters designed to an elevation of 3.5 feet NAVD88 along approximately 11,100 feet of the southern shore of Lake Pontchartrain near the LaBranche wetlands to preserve shoreline integrity and reduce wetland degradation from wave erosion.	St. Charles
002.BH.04	Barrier Island/Headland Restoration	Barataria Pass to Sandy Point Barrier Island Restoration	Restoration of 13,800 acres of Barataria Bay barrier islands between Barataria Pass and Sandy Point to provide dune, beach, and back barrier marsh habitat. The project provides storm surge and wave attenuation for 134,100 linear ft. of shoreline in the Barataria Basin.	Plaquemines; Jefferson

Project ID	Project Type	Name	Description	Parish
002.BH.05	Barrier Island/ Headland Restoration	Belle Pass to Caminada Pass Barrier Island Restoration	Restoration of 6,900 acres of Barataria Bay barrier islands between Belle Pass and Caminada Pass to provide dune, beach, and back barrier marsh habitat. The project provides storm surge and wave attenuation for 82,900 linear ft. of shoreline in the Barataria Basin.	Lafourche; Jefferson
002.DI.03	Diversion	Mid-Barataria Diversion (75,000 cfs)	Sediment diversion of 75,000 cfs into Mid-Barataria in the vicinity of Myrtle Grove to build and maintain land (modeled at 75,000 cfs for river flows of 1,000,000 cfs; variable flows from 200,000 cfs to 1,000,000 cfs calculated using a linear function; and open with variable flow rate (larger than 75,000 cfs, estimated using linear extrapolation) for river flow above 1,000,000 cfs. No operation below 200,000 cfs.	Plaquemines
002.DI.03a	Diversion	Mid-Barataria Diversion (250,000 cfs)	Sediment diversion of 250,000 cfs into Mid-Barataria in the vicinity of Myrtle Grove to build and maintain land (open with a variable flow rate calculated using a linear function from zero to 250,000 cfs for river flow between 200,000 cfs and 1,000,000 cfs; diverts exactly 250,000 cfs when Mississippi River flow is 1,000,000 cfs; and open with variable flow rate (larger than 250,000 cfs, estimated using linear extrapolation) for river flow above 1,000,000 cfs. No operation below 200,000 cfs.	Plaquemines

Project ID	Project Type	Name	Description	Parish
002.DI.15	Diversion	Lower Barataria Diversion (50,000 cfs)	Sediment diversion of 50,000 cfs into Lower Barataria in the vicinity of Port Sulphur to build and maintain land (open with a variable flow rate calculated using a linear function from zero to 50,000 cfs for river flow between 200,000 cfs and 1,000,000 cfs; diverts exactly 50,000 cfs when Mississippi River flow is 1,000,000 cfs; and open with variable flow rate (larger than 50,000 cfs, estimated using linear extrapolation) for river flow above 1,000,000 cfs. No operation below 200,000 cfs.	Plaquemines
002.DI.100	Diversion	Mid-Barataria Diversion (75,000 cfs)	Sediment diversion of 35,000 to 75,000 cfs into Mid-Barataria in the vicinity of Myrtle Grove to build and maintain land. (Modeled at 35,000 cfs for years 9 through 20 and 75,000 cfs for years 21 through 50 for river flows at 1,000,000 cfs; open with a variable flow rate calculated using a linear function from zero to capacity between 200,000 and 1,000,000 cfs and above 1,000,000; no operation below 200,000 cfs).	Plaquemines
002.DI.101	Diversion	Mid-Barataria Diversion (75,000 cfs)	Sediment diversion into Mid-Barataria to build and maintain land, 75,000 cfs capacity (modeled with no flow under 200,000 cfs. Variable flows to capacity when the Mississippi River flows are between 200,000 and 1,250,000 cfs. The project diverts exactly 75,000 cfs when the Mississippi River flows at 1,250,000 cfs).	Plaquemines

Project ID	Project Type	Name	Description	Parish
002.DI.102	Diversion	Mid-Barataria Diversion (75,000 cfs)	Sediment diversion into Mid-Barataria near Myrtle Grove to build and maintain land, 75,000 cfs (modeled at 5,000 cfs for Mississippi River flows below 200,000 cfs; variable flows to capacity between 200,000 and 1,250,000 cfs calculated using a linear function; diverts exactly 75,000 cfs when flows at 1,250,000 cfs).	Plaquemines
002.MC.04a	Marsh Creation	Lower Barataria Marsh Creation-Component A	Creation of approximately 19,300 acres of marsh in Jefferson Parish on east shore of Little Lake and Turtle Bay to create new wetland habitat and restore degraded marsh.	Jefferson
002.MC.05e	Marsh Creation	Large-Scale Barataria Marsh Creation-Component E	Creation of approximately 12,400 acres of marsh in the Barataria Basin south of the Pen to the Barataria Landbridge to create new wetland habitat and restore degraded marsh.	Plaquemines; Jefferson
002.MC.07	Marsh Creation	Barataria Bay Rim Marsh Creation	Creation of approximately 1,200 acres of marsh along northern rim of Barataria Bay to create new wetland habitat and restore degraded marsh.	Plaquemines; Jefferson; Lafourche
002.MC.08	Marsh Creation	North Caminada Marsh Creation	Creation of approximately 16,600 acres of marsh north of Elmers Island between Caminada Bay and Bayou Lafourche to create new wetland habitat and restore degraded marsh.	Lafourche
002.MC.100	Marsh Creation	North Barataria Bay Marsh Creation	Creation of approximately 13,900 acres of marsh surrounding Barataria Bay shoreline to create new wetland habitat and restore degraded marsh.	Plaquemines; Jefferson; Lafourche

Project ID	Project Type	Name	Description	Parish
002.RC.01	Ridge Restoration	Bayou Long Ridge Restoration	Restoration of approximately 27,000 feet of historic ridge to an elevation of 5 feet NAVD88 to provide coastal upland habitat, restore natural hydrology, and provide wave and storm surge attenuation to approximately 50 acres along Bayou Long/Bayou Fontanelle.	Plaquemines
002.RC.02	Ridge Restoration	Spanish Pass Ridge Restoration	Restoration of approximately 46,300 feet of historic ridge to an elevation of 5 feet NAVD88 to provide coastal upland habitat, restore natural hydrology, and provide wave and storm surge attenuation to approximately 90 acres west of Venice along banks of Spanish Pass.	Plaquemines
002.RC.100	Ridge Restoration	Red Pass Ridge Restoration	Restoration of approximately 23,000 feet of historic ridge southwest of Venice to provide coastal upland habitat, restore natural hydrology, and provide wave and storm surge attenuation to approximately 50 acres along banks of Red Pass.	Plaquemines
002.RC.101	Ridge Restoration	Adams Bay Ridge Restoration	Restoration of approximately 31,600 feet of historic ridge to an elevation of 5 feet NAVD88 to provide coastal upland habitat, restore natural hydrology, and provide wave and storm surge attenuation to approximately 60 acres along Adams Bay.	Plaquemines
002.RC.102	Ridge Restoration	Bayou Eau Noire Ridge Restoration	Restoration of approximately 34,800 feet of historic ridge to an elevation of 5 feet NAVD88 to provide coastal upland habitat, restore natural hydrology, and provide wave and storm surge attenuation to approximately 70 acres along Bayou Eau Noire.	Plaquemines

Project ID	Project Type	Name	Description	Parish
002.RC.103	Ridge Restoration	Grand Bayou Ridge Restoration	Restoration of approximately 48,100 feet of historic ridge to an elevation of 5 feet NAVD88 to provide coastal upland habitat, restore natural hydrology, and provide wave and storm surge attenuation to approximately 90 acres along Grand Bayou.	Plaquemines
002.SP.100	Shoreline Protection	Lake Hermitage Shoreline Protection	Shoreline protection through rock breakwaters designed to an elevation of 3.5 feet NAVD88 along approximately 6,500 feet around southern shore of Lake Hermitage to preserve shoreline integrity and reduce wetland degradation from wave erosion.	Plaquemines
002.SP.101	Shoreline Protection	Fifi Island Shoreline Protection	Shoreline protection through rock breakwaters designed to an elevation of 3.5 feet NAVD88 along approximately 10,500 feet of the northeastern shore and southwestern shore of Fifi Island to preserve shoreline integrity and reduce wetland degradation from wave erosion.	Jefferson
002.SP.102	Shoreline Protection	East Snail Bay Shoreline Protection	Shoreline protection through rock breakwaters designed to an elevation of 3.5 feet NAVD88 along approximately 7,300 feet of the northeastern shore of Snail Bay south of Little Lake to preserve shoreline integrity and reduce wetland degradation from wave erosion.	Lafourche
002.SP.103	Shoreline Protection	West Snail Bay Shoreline Protection	Shoreline protection through rock breakwaters designed to an elevation of 3.5 feet NAVD88 along approximately 16,600 feet of the western shoreline of Snail Bay south of Little Lake to preserve shoreline integrity and reduce wetland degradation from wave erosion.	Lafourche

(referred to as a polder). Linear levees create a closed system by tying into other linear levees or by extending inland to high ground. Based on local geotechnical and hydraulic conditions, some levee templates include stability berms on the protected side and wave berms on the flood side of levees. CPRA’s Louisiana Flood Protection Design Guidelines (July 2015b) were used when applicable to inform levee geometry selections when not made explicit in a source report or document.

- **Concrete T-wall:** T-walls are typically located at points along an earthen levee that have a high potential for erosion or insufficient space for the wide slopes of an earthen levee.
- **Floodgate:** Floodgates are needed where levees or T-walls cross a road or railroad or where they intersect waterways.
- **Ring Pumps (Internal to Levees):** Pumps are needed in enclosed risk reduction systems to allow water that enters a polder to be pumped out.

Additional information about the Structural Protection projects evaluated in the master plan is presented in Section 3.9. Table 9 presents the 20 Structural Protection projects evaluated in the 2017 Coastal Master Plan.

Table 9: Structural Protection Projects Evaluated in the 2017 Coastal Master Plan.

Project ID	Project Name	Description	Parish
001.HP.04	Greater New Orleans High Level	Hurricane protection levee around the Greater New Orleans area from Verret to the Bonnet Carre Spillway (elevation 15 to 35 feet)	Orleans; St. Bernard; Jefferson; St. Charles; Plaquemines
001.HP.05	Greater New Orleans LaPlace Extension	Hurricane protection levee in the LaPlace area (elevation 13.5 feet)	St. Charles; St. John; St. James
001.HP.08	Lake Pontchartrain Barrier	Planning and design of hurricane protection barriers across the passes at Chef Menteur and The Rigolets (elevation 2.0 feet)	Orleans; St. Tammany
001.HP.13	Slidell Ring Levee	Hurricane protection levee around Slidell (elevation 16.0 feet)	St. Tammany
002.HP.06	Upper Barataria Risk Reduction-Hwy 90 Alignment	Hurricane protection levee along Highway 90 between the West Bank and Larose (elevation 15.5 feet)	St. Charles; Lafourche; Jefferson
002.HP.07	Lafitte Ring Levee	Hurricane protection levee around Lafitte (elevation 16.0 feet)	Jefferson
002.HP.100	Fort Jackson to Venice	Hurricane protection levee between Fort Jackson and Venice (elevation 18.0 feet)	Plaquemines

Project ID	Project Name	Description	Parish
002.HP.101	St. Jude to City Price	Hurricane protection levee between St. Jude and City Price (elevation 17.0 to 22.0 feet)	Plaquemines
002.HP.102	Oakville to La Reussite	Hurricane protection levee between Oakville and La Reussite (elevation 10.5 feet)	Plaquemines
004.HP.15	Abbeville and Vicinity	Construction of a levee south of Delcambre, Erath, and Abbeville roughly following Highway 330 from the Delcambre Canal to the western extents of Abbeville (elevation 23.0 to 27.0 feet)	Iberia; Vermilion
03a.HP.02b	Morganza to the Gulf	Hurricane protection levee around Houma and Terrebonne ridge communities from Larose to Humphreys Canal (elevation 19.5 to 36.5 feet)	Lafourche; Terrebonne
03a.HP.20	Maintain Larose to Golden Meadow-basic	Maintenance of existing Larose to Golden Meadow hurricane protection levees to design elevation for 50-year period of analysis	Lafourche
03a.HP.101	Maintain Larose to Golden Meadow-enhanced	Maintenance of existing Larose to Golden Meadow hurricane protection levees to design elevation for 50-year period of analysis	Lafourche
03a.HP.102	Morganza to the Gulf-enhanced inducements investigation	Hurricane protection levee around Houma and Terrebonne ridge communities from Larose to Humphreys Canal	Lafourche; Terrebonne
03a.HP.103	Morganza to the Gulf- basic inducements investigation	Hurricane protection levee around Houma and Terrebonne ridge communities from Larose to Humphreys Canal	Lafourche; Terrebonne
03b.HP.08	Amelia Levee Improvements (3E)	Hurricane protection levee, pump station, and vertical lift gates along the GIWW between Lake Palourde and the Bayou Boeuf Lock (elevation 18.0 feet)	Assumption; St. Mary
03b.HP.10	Morgan City Back Levee	Hurricane protection levee along Lake Palourde in the vicinity of Morgan City (elevation 13.5 feet)	St. Mary

Project ID	Project Name	Description	Parish
03b.HP.12	Franklin and Vicinity	Hurricane protection levee along the GIWW between the Wax Lake Outlet and Charenton Drainage and Navigation Canal and along Bayou Sale (elevation 16.5 feet)	St. Mary
03b.HP.13	Bayou Chene Floodgate	Floodgate across Bayou Chene near Amelia (elevation 10.0 feet)	St. Mary; Terrebonne
03b.HP.14	St. Mary/Iberia Upland Levee	Hurricane Protection levee in Iberia and St. Mary Parishes between the Delcambre Canal and the Charenton Canal (elevation 15.5 to 20.0 feet)	St. Mary; Iberia
004.HP.15	Abbeville and Vicinity	Construction of a levee south of Delcambre, Erath, and Abbeville roughly following Highway 330 from the Delcambre Canal to the western extents of Abbeville (elevation 23.0 to 27.0 feet)	Iberia; Vermilion

Note: All elevations are referenced to the North American Vertical Datum of 1988 (NAVD88 Geoid 12a).

1.2.3 Nonstructural Risk Reduction Projects

Nonstructural Risk Reduction projects include non-residential floodproofing, residential elevation, and residential voluntary acquisition. Table 10 presents the 54 Nonstructural Risk Reduction project areas evaluated in the 2017 Coastal Master Plan. These projects include floodproofing non-residential properties where 100-year flood depths are 3 feet or less, elevating residential properties where 100-year flood depths are 3-14 feet, and acquiring residential properties where 100-year flood depths are greater than 14 feet based on the Federal Emergency Management Agency (FEMA) Base Flood Elevation +2.0 feet of freeboard or CPRA's recommended elevation height (100-year flood depths plus 2 feet freeboard), whichever is higher, in order to add a wider safety margin for future flood risk.

Table 10: Nonstructural Risk Reduction Project Areas Evaluated in the 2017 Coastal Master Plan.

Project ID	Name	Parish
ACA.01N	Acadia	Acadia
ASC.01N	Ascension – Donaldsonville	Ascension
ASC.02N	Ascension – Prairieville/Sorrento	Ascension
ASU.01N	Assumption	Assumption
ASU.02N	Assumption – Amelia	Assumption
CAL.01N	Calcasieu	Calcasieu

Project ID	Name	Parish
CAM.01N	Cameron	Cameron
IBE.03N	Iberia	Iberia
IBE.01N	Iberia – Lower	Iberia
IBV.01N	Iberville	Iberville
JEF.01N	Jefferson – Grand Isle	Jefferson
JEF.03N	Jefferson – Kenner/Metairie	Jefferson
JEF.02N	Jefferson – Lafitte/Barataria	Jefferson
JEF.04N	Jefferson – Marrero/Gretna	Jefferson
JFD.01N	Jefferson Davis	Jefferson Davis
LFT.01N	Lafayette	Lafayette
LAF.02N	Lafourche – Larose/Golden Meadow	Lafourche
LAF.01N	Lafourche – Lower	Lafourche
LAF.03N	Lafourche – Raceland	Lafourche
LIV.01N	Livingston	Livingston
ORL.04N	Orleans – Algiers	Orleans
ORL.02N	Orleans – Lake Catherine	Orleans
ORL.03N	Orleans – New Orleans	Orleans
ORL.01N	Orleans – Rigolets	Orleans
PLA.04N	Plaquemine – Belle Chasse	Plaquemines
PLA.02N	Plaquemines – Braithwaite	Plaquemines
PLA.03N	Plaquemines – Grand Bayou	Plaquemines
PLA.05N	Plaquemines – Phoenix/Pointe A La Hache	Plaquemines
PLA.01N	Plaquemines – West Bank	Plaquemines
STB.02N	St. Bernard	St. Bernard