

## Section 3

# FY 2015 Implementation Plan: More Projects, More Action, More Results

This section presents an implementation plan that describes the State's proposed investment in coastal restoration and protection during FY 2015 (July 1, 2014, through June 30, 2015). Included are all of the coastal protection and restoration projects in which the State will participate. Projected schedules and budgets are estimates based on the most recent available information.

## Project Status Summaries

This implementation plan presents the status of State coastal projects according to the four phases traditionally used to track projects: 1) planning; 2) design; 3) construction; and 4) operation, maintenance, and monitoring (OM&M). Below are summaries of project status by phase; Appendices A and B provide additional details about the projects. The current status of individual projects is presented by authorizing program in the project schedules in the Coastal Program Details section. Readers are referred to the State's coastal website (<http://coastal.la.gov/>) for additional details about specific projects. Regional maps of projects in planning, design, and/or construction in FY 2015 are presented in Figures 3-1 through 3-3.

### Projects in Planning

The planning team identified eight projects in the planning phase in FY 2015, including five restoration projects, one protection project, and two integrated protection and restoration projects. These projects represent a total State investment of \$70 million in FY 2015, and will proceed to design and construction according to their authorizing program as discussed in the Coastal Program Details section.

### Projects in Design

The planning team identified 29 projects in design for FY 2015, including one protection project and 28 restoration projects. These projects represent a total State investment of \$56 million in FY 2015. The path these projects will take to construction varies according to the authorizing program as described in the Coastal Program Details section.

### Projects Under Construction

The planning team identified 59 projects that will begin or continue construction in FY 2015, including 19 protection projects, 38 restoration projects, and 2 infrastructure projects. These projects represent a total State investment of \$477 million in FY 2015, and 27 of these projects are projected to complete construction in FY 2015. Table 3-1 presents additional information about projects set for construction in FY 2015, and Figure 3-4 provides a map with the locations of these projects.

### Constructed Projects in Operation, Maintenance, and Monitoring

The CPRA will expend approximately \$26.3 million in FY 2015 on operation, maintenance, and monitoring (OM&M). OM&M expenditures in FY 2015 will cover the operation and maintenance of 106 constructed projects and monitoring of 76 constructed projects. OM&M expenditures also include approximately \$2.3 million for monitoring coast-wide conditions using CRMS-Wetlands (<http://www.lacoast.gov/crms2/Home.aspx>). Finally, the State will expend approximately \$6.2 million in FY 2015 to engage in marine debris removal in offshore areas. These expenditures are reimbursable by the Federal Emergency Management Agency

(FEMA). Figure 3-5 provides a map with locations of all projects with OM&M expenditures in FY 2015. Project-specific OM&M expenditures are presented in Appendix B. The Barrier Island Status Report (Appendix C) is available online for review ([www.coastal.la.gov](http://www.coastal.la.gov)). The Operating Plans for the Caernarvon and Davis Pond diversions during calendar year 2014 (Caernarvon Operational Plan for 2014 and Davis Pond Operational Plan for 2014) are contained in Appendix D.

## Ongoing Programs

The State operates eight ongoing programs. These efforts provide supporting research, financial assistance, additional project benefits or educational support for our protection and restoration program.

## Adaptive Management

The Coastal Master Plan process recognizes that we need to quickly implement large scale projects within an extremely dynamic environment. We will continue to build on the decades of research and analysis performed to date, but we must move forward to maximize riverine resources even though our science may be imperfect. In so doing we must establish and maintain a robust adaptive management program that will allow us to modify constructed projects and inform the development of future projects.

## Coastal Program Details

The projects discussed above are authorized through multiple programs, each of which entails different processes to proceed through implementation. Summaries of coastal programs with active projects are presented below. Detailed projected expenditures are presented in Appendix B by program.

### Coastal Wetlands Planning, Protection and Restoration Act (CWPPRA)

CWPPRA was authorized by Congress in 1990 to identify, prepare, and fund construction of coastal wetlands restoration projects. CWPPRA is managed by a Task Force comprised of the State and five Federal agencies, including the Environmental Protection Agency (EPA), the U.S. Fish and Wildlife Service (USFWS), the Natural Resources Conservation Service (NRCS), the National Marine Fisheries Service (NMFS), and the USACE. The CWPPRA Task Force evaluates projects proposed for inclusion in the CWPPRA program and prepares a ranked list of candidate projects annually based on cost-effectiveness, longevity, risk, supporting partnerships, public support, and support of CWPPRA goals. From this ranked list, the Task Force selects a final list of projects, the Priority Project List (PPL), for implementation.

Following project selection, CWPPRA projects proceed through a two-phased implementation process. Phase 1 consists of Engineering and Design, an in-depth process by which engineers and biologists further develop and assess project features and effects. After design, these projects will be considered for construction, which begins upon Phase 2 approval by the Task Force. Phase 2, referred to as Construction and Monitoring, involves the actual building and subsequent OM&M of the project. The State will expend funds in FY 2015 on the implementation of 21 CWPPRA Phase 1 projects (design), 12 CWPPRA Phase 2 projects (design and construction), and the Coastwide Planting program. Finally, the State is participating in one CWPPRA demonstration project, the results of which will be incorporated into the design of future projects. Examples of active CWPPRA projects include the following:

- Northwest Turtle Bay Marsh Creation (BA-125) (Phase 1)
- Cole's Bayou Marsh Creation (TV-63) (Phase 1)
- South Lake Lery Marsh Creation (BS-16) (Phase 2)
- Bayou Dupont Marsh and Ridge Restoration (BA-48) (Phase 2)

Project schedules for CWPPRA projects are included in Table 3-2. Additional information about CWPPRA projects is available on the CWPPRA website ([www.lacoast.gov](http://www.lacoast.gov)). Project-specific CWPPRA expenditures are presented in Appendix B. The Federal cost-share for CWPPRA projects is 85 percent of the total project cost, with the State assuming responsibility for the remaining 15 percent of the cost. The State's contribution must include a cash payment of not less than five percent of the total project cost. The remainder of the State's contribution may take the form of lands, easements, or rights-of-way, or any other form of in-kind contribution determined to be appropriate by the lead Task Force member. Cost-share agreement conditions for CWPPRA projects vary according to the Federal partner.

## Water Resources Development Act (WRDA)

The State is partnered with the USACE on multiple large-scale protection and restoration projects and studies that have been authorized through past WRDA bills. WRDA refers to any of a set of public laws enacted by Congress to address various aspects of water resources including environmental, structural, navigational, flood protection, and hydrologic issues.

The State currently intends to expend funds in FY 2015 on several WRDA authorizations, including:

- Mississippi River Hydrodynamic and Delta Management Study (MR-16)
- Southwest Coastal Louisiana Feasibility Study (LA-20)

Schedules for these projects are presented in Table 3-3. Additional information about these projects is available at [www.lca.gov](http://www.lca.gov).

## Coastal Impact Assistance Program (CIAP)

CIAP was authorized in 2005 as part of the Federal Energy Policy Act to help six coastal States mitigate the onshore effects of Outer Continental Shelf (OCS) oil and gas development. CIAP will provide approximately \$495.6 million to Louisiana from the federal administrator, the USFWS. The State will receive 65 percent of these funds with the remaining 35 percent being distributed to the 19 coastal parishes. To date, all \$495.6 million of Louisiana's CIAP funds have been awarded for the implementation of 99 projects.

Authorized uses of CIAP funds include projects and activities to conserve, protect or restore coastal areas, including wetlands; mitigation of damage to fish, wildlife or natural resources; planning assistance and the administrative costs of CIAP compliance; implementation of a Federally approved marine, coastal or comprehensive conservation management plan; and onshore infrastructure projects and public service needs. Up to 23 percent of those funds can be spent on CIAP planning assistance and compliance and for onshore infrastructure projects and public service needs to mitigate OCS impacts.

The current approved Louisiana CIAP Plan identifies a total of 99 State-only, State/Parish-Shared, and Parish-only funded projects for which these funds were allocated.

The State will expend funds on the design and/or construction of 12 CIAP projects in FY 2015, including 10 restoration projects and two infrastructure projects. CIAP funds will also continue to be used to fund the CFCI program and four Performance Evaluation studies of constructed CIAP projects.

Active CIAP projects include:

- Mississippi River Long Distance Sediment Pipeline (BA-43 [EB])
- Morgan City Industrial Road (AT-05)
- Mississippi River Water Introduction into Bayou Lafourche (BA-161)
- Living Shoreline Protection Demonstration Project (PO-148)
- Falgout Canal Freshwater Enhancement (TE-63)

Project schedules for CIAP projects are included in Table 3-4. Additional information about these projects is available on the State's coastal website. Project specific expenditures for CIAP projects are presented in Appendix B.

Projects within the approved CIAP plan are funded for implementation by approval of CIAP grant applications which were submitted to USFWS for approval and were required to be submitted separately for the design and construction phases of a project. Once the grant application is approved, the CIAP projects are authorized and the phase of the project is funded. Once the design of the project is completed, applications for the construction phase can be submitted. Once the construction grant application is approved, the project is fully funded and will proceed to construction according to its schedule. Principal causes for the delay of CIAP projects include grant delays, land rights issues, permitting issues, and most recently the transfer of the federal administration of CIAP.

## State-Only Projects

The Louisiana Legislature allocated \$790 million in State budget surpluses for the years 2007, 2008, and 2009 for coastal protection and restoration activities. The State is utilizing these funds to expedite its coastal program by funding ongoing programs, developing initiatives, and implementing protection and restoration projects. The overwhelming majority of these funds have been allocated to project implementation. Surplus funds have been used to supplement projects that are authorized through one of the other programs described in this section (e.g., Mississippi River Long Distance Sediment Pipeline [BA-43 (EB)], Southwest Coastal Louisiana Feasibility Study [LA-20]) and implement other State-only projects. The State has also begun implementation of other projects without a Federal partner using Trust Fund revenues. The State will expend funds in FY 2015 on 16 State-only projects, including nine protection projects, six restoration projects, and one integrated protection and restoration project. Broadly speaking, State-only projects generally involve one of the following categories:

- Expedited construction of components of Federal protection projects (e.g., Larose to Golden Meadow [TE-65], Morganza to the Gulf [TE-64]);
- Coordination on Federal-only protection projects;
- Feasibility studies for flood protection in areas not currently covered by the existing Federal protection network (e.g., South Central Coastal Plan [TV-54]);
- Protection and restoration projects not included in one of the other coastal programs that are to be implemented in conjunction with local parishes (e.g., Jean Lafitte Tidal Protection [BA-75-1], Morgan City/St. Mary Flood Protection [TV-55]).

A total of \$293.3 million in 2008 and 2009 was allocated to cover LERRDS cost for the Greater New Orleans Hurricane Protection System. Included within this total is \$193.3 million from Act 20 of the 2009 Regular Legislative Session that was approved for Southeast Louisiana Hurricane Protection projects. This includes credits and payments toward the State and levee district match requirements



for the estimated \$15 billion Greater New Orleans Hurricane Protection System work underway. The non-Federal cost share of such work is estimated to be \$1.8 billion plus applicable interest. Under the plan, an additional \$40 million of these funds may be utilized to advance planning, design, and construction of hurricane protection and flood control projects in southeast Louisiana. These investments will match local and federal funds while improving the protection of our most vulnerable communities consistent with the Master Plan. These funds are projected to be expended in their entirety by the end of FY 2016.

Project schedules for State-only projects are included in Table 3-5. Project-specific expenditures for State-only projects are presented in Appendix B.

Of the 16 active State-only projects, 12 are funded for construction and will proceed to construction in accordance with their schedules as presented in Table 3-5. Two of the projects are funded for design and following completion of design will proceed to construction upon procurement of construction funds. The remaining projects are funded for feasibility only and would proceed to design upon receipt of further authorization through another coastal program.

## Community Development Block Grants (CDBG)

Louisiana received \$1.06 billion from HUD's CDBG program to assist in the recovery from Hurricanes Gustav and Ike. The vast majority of CDBG funds were allocated to the 19 coastal parishes for use in protecting their communities and infrastructure. However, included within the \$1.06 billion was an allocation of \$27.4 million to the Louisiana Office of Community Development-Disaster Recovery Unit (OCD-DRU) for State coastal protection and restoration projects that will help communities recover from the 2008 hurricanes and prepare to withstand future hurricanes with greater resilience. The State, in partnership with local interests, identified potential flood protection and restoration projects that could be implemented with these CDBG funds in all major regions of coastal Louisiana, including floodgate installation; levee construction or improvement to reduce storm surge impacts to coastal communities and critical infrastructure; and shoreline protection to benefit communities and related infrastructure and recreational facilities. HUD subsequently approved nine projects for CDBG funding.

Project schedules for CDBG projects are included in Table 3-6. Project-specific expenditures for CDBG projects are presented in Appendix B.

All active State CDBG projects are funded for construction and will proceed to construction in accordance with their schedules as presented in Table 3-6. State CDBG projects require an agreement with the local sponsor, where the local sponsor is responsible for ownership and OM&M costs after project completion. Project implementation requires submittal of an application to OCD-DRU for final approval and funding. Applicant projects are reviewed by OCD-DRU for consistency with program objectives and criteria. OCD-DRU has already performed a pre-screening of all nine State CDBG projects and has determined that the projects meet these objectives and criteria. Potential issues that could affect CDBG project implementation include design issues, land rights issues, environmental compliance issues, and permitting issues.

## Greater New Orleans Hurricane Protection System (HPS)

HPS, also referred to as the Hurricane & Storm Damage Risk Reduction System (HSDRRS), was authorized by PL 109-234, Emergency Supplemental Appropriations Act for Defense, the Global War on Terror, and Hurricane Recovery, 2006, and includes the West Bank and Vicinity project, the Lake Pontchartrain and Vicinity project, the IHNC Lake Borgne Surge Barrier and IHNC Seabrook Complex (each of which is managed separately). Each of these projects is in turn comprised of multiple segments, which have separate design and construction schedules. HPS also covers multiple restoration projects that are currently under development as mitigation for wetland impacts associated with construction of hurricane protection projects. As the non-Federal sponsor along with the local Levee Authorities and Levee Districts, the State has contributed to the West Bank and Vicinity and Lake Pontchartrain and Vicinity projects through plans and specifications review, construction inspection assistance, project and program management, and payment of LERRDS costs. Beginning in FY 2016 the non-Federal sponsor is anticipated to begin its 30 year payback to the Federal Government for the non-Federal sponsor's cost-share portion of construction costs (approximately 35 percent). Schedules for HPS projects are included in Table 3-7. These projects are fully funded for construction and will proceed with construction according to the schedules provided in Table 3-7. The principal issues that affect the HPS projects include engineering, constructability, budget and time issues.

## Non-State Projects

Act 545 of the 2008 Legislature mandates that State Annual Plans include descriptions of all projects and programs relating to hurricane protection, restoration, and infrastructure in coastal Louisiana, including Federal-only projects, local parish and levee district projects, and those privately funded wetland enhancements and activities that require a Coastal Use Permit. Appendix E contains an inventory of non-State projects identified through outreach to coastal parishes and levee districts to obtain information on local, non-State coastal projects. Appendix E also includes an inventory of proposed local projects as presented in coastal parish Master Plans. These proposed projects represent desired local investment in protection and restoration activities. Appendix E also presents information on Federal coastal protection projects for which local parishes or levee districts serve as the local sponsor. Finally, Appendix E presents information on non-State projects that have received State Restoration Partnership grants to support implementation. Adding non-State projects to this inventory will be a priority in future years as the State continues to gather information about non-State coastal protection and restoration efforts.

## Deepwater Horizon Oil Spill Restoration Planning

Although the timing and amount of funds related to the *Deepwater Horizon* oil spill have not been fully determined, the first wave of projects have been identified as oil spill damage assessment and restoration planning continues. With an understanding that the use of restoration funds will be guided by specific criteria, Louisiana is committed to maximizing its investment in oil spill recovery activities by implementing restoration projects that are consistent with the Coastal Master Plan to the extent possible. Schedules for projects that may be implemented for oil spill restoration planning are presented in Table 3-9. Project specific expenditures are presented in Appendix B.

## Natural Resource Damage Assessment (NRDA) Restoration

A NRDA is the process used by natural resource trustees to develop, on behalf of the public, their claim for natural resource damages against the party or parties responsible for the spill. Through that claim, the trustees will seek compensation in the form of restoration for the harm done to natural resources and services. The assessment process is lengthy and complex. The NRDA will continue until the natural resource trustees have determined the full extent of damages, restoration plans are designed and implemented, and the environment and public are made whole for injuries to natural resources and services resulting from the *Deepwater Horizon* oil spill.

## NRDA Early Restoration

In April 2011, the Trustees and BP announced an agreement under which BP committed to provide \$1 billion toward the implementation of early restoration projects. The agreement represents an initial step toward fulfilling the responsible parties' obligation to fund the complete restoration of natural resources. Early restoration provides an opportunity to implement restoration projects prior to the completion of the natural resource damage assessment process.

In July 2011, Governor Bobby Jindal unveiled the "Louisiana Plan", outlining 13 initial proposed early restoration projects. The proposed projects included marsh restoration, barrier island restoration, shoreline protection measures, resource-specific projects, and projects aimed at addressing impacts to our citizens' ability to use Louisiana's natural resources. The projects are consistent with Louisiana's Coastal Master Plan; they are consistent with the criteria outlined in the early restoration agreements and applicable regulations; and they support the goal of compensating the public for natural resource injuries resulting from the *Deepwater Horizon* oil spill. Additionally, the proposed projects reflect the ideas and input of a variety of coastal stakeholders and are complementary to the overall restoration goals for the State of Louisiana.

The first phase of Early Restoration projects was finalized in April 2012. Two Louisiana Plan projects, Lake Hermitage Marsh Creation – NRDA Early Restoration Project (\$14.4 million) and the Louisiana Oyster Cultch Project (\$15.6 million), were included in this initial phase of approved projects. Both projects are currently under construction.

In December 2013, the Trustees proposed a third suite of early restoration projects totaling approximately \$627 million. This proposed suite of projects underwent public review and comment through February 19, 2014. There are two additional Louisiana projects, totaling \$340 million, included in this proposal:

- Louisiana Outer Coast Restoration (\$318 million): The project involves the restoration of four barrier islands in Louisiana. From west to east, the four locations are Caillou Lake Headlands (also known as Whiskey Island), Chenier Ronquille, Shell Island (West Lobe and portions of East Lobe), and North Breton Island. The goal of the Louisiana Outer Coast Restoration project is to restore beach, dune, and back-barrier marsh habitats in Louisiana, as well as brown pelicans, terns, skimmers, and gulls to help compensate the public for spill-related injuries to these habitats and species. In total, these projects aim to create thousands of acres of dune and marsh, and restore miles of Louisiana's barrier island beaches.
- Louisiana Marine Fisheries Enhancement, Research, and Science Center (\$22 million): The Center is intended to address a portion of the recreational uses lost as a result of the spill. The Center would establish state of the art facilities

to responsibly develop aquaculture-based techniques for marine fishery management. The proposed project would include two sites (Calcasieu Parish and Plaquemines Parish) with the shared goals of fostering collaborative multi-dimensional research on marine sport fish and bait fish species; enhancing stakeholder involvement; and providing fisheries extension, outreach, and education to the public.

## BP and Transocean Criminal Settlements

In early 2013, a U.S. District Court approved two plea agreements resolving the criminal charges against BP and Transocean related to the *Deepwater Horizon* disaster. The agreements directed a total of \$2.544 billion to the National Fish and Wildlife Foundation (NFWF) for natural resources restoration in the Gulf of Mexico. Over the next five years, NFWF's newly established Gulf Environmental Benefit Fund will receive approximately \$1.27 billion to "create or restore barrier islands off the coast of Louisiana and/or to implement river diversion projects on the Mississippi and/or Atchafalaya Rivers for the purpose of creating, preserving and restoring coastal habitat."

## NFWF

In November 2013, NFWF announced its intent to obligate \$67.9 million from the Gulf Environmental Benefit Fund for five projects in the state of Louisiana. The initial projects reflect the fundamental components of Louisiana's comprehensive Coastal Master Plan and focus on barrier islands and river diversions. These initial investments in planning, engineering and design are critical to the implementation of the Coastal Master Plan and to the long-term sustainability of one of the most productive, unique and imperiled coastal and estuarine ecosystems in the world. The Louisiana projects include:

- Caminada Beach and Dune Increment II: Engineering and Design (\$3M)
- East Timbalier Island: Engineering and Design (\$6M)
- Mid-Barataria Sediment Diversion: Engineering and Design (\$40.4M)
- Lower Mississippi River Sediment Diversions: Planning (\$13.6M)
- Increase Atchafalaya Flow to Terrebonne: Planning (\$4.9M)

In January 2014, the CPRA Board approved the proposal of a second phase of projects to NFWF. The second phase includes a proposal for \$145 million for the construction of the Caminada Headland Beach and Dune Restoration Increment II. NFWF is currently reviewing this proposal.

## Clean Water Act Penalties

The Clean Water Act (CWA) establishes the basic structure for regulating discharges of pollutants into the waters of the United States and regulating water quality standards for surface waters. The CWA makes it unlawful to discharge any pollutant from a point source into navigable waters, unless a permit is obtained. Violations of the CWA can result in both civil and criminal prosecutions by the federal government. The U.S. Department of Justice (DOJ), on behalf of the Environmental Protection Agency (EPA), the United States Coast Guard (USCG), or another federal agency, may bring enforcement actions for civil or criminal penalties under the CWA.

## RESTORE Act

In June 2012, Congress proactively passed the RESTORE Act, which dedicates 80 percent of all prospective CWA administrative and civil penalties related to the *Deepwater Horizon* spill to a Gulf Coast Restoration Trust Fund. The RESTORE Act also outlines a structure by which the funds can be utilized to restore and protect the natural resources, ecosystems, fisheries, marine and wildlife habitats, beaches, coastal wetlands, and economy of the Gulf Coast region. The RESTORE

Act sets forth the following framework for allocation of the Trust Fund:

- 35 percent to be divided equally between the five Gulf States for ecological and economic restoration efforts in the region;
- 30 percent through the Gulf Coast Ecosystem Restoration Council to implement a comprehensive plan for ecosystem and economic recovery of the Gulf Coast;
- 30 percent for states' plans based on impacts from the *Deepwater Horizon* oil spill;
- 2.5 percent to create the Gulf Coast Ecosystem Restoration Science, Observation, Monitoring and Technology Program within the Department of Commerce's National Oceanic and Atmospheric Administration (NOAA); and
- 2.5 percent to the Centers of Excellence Research grants, which will each focus on science, technology, and monitoring related to Gulf restoration.

In February 2013, a U.S. District Court approved an agreement between DOJ and Transocean for \$1 billion in Clean Water Act civil penalties associated with the spill. These monies are subject to the RESTORE Act. Therefore 80% will be directed to the Gulf Coast Restoration Trust Fund. The timing and structure for allocating these funds are still being determined.

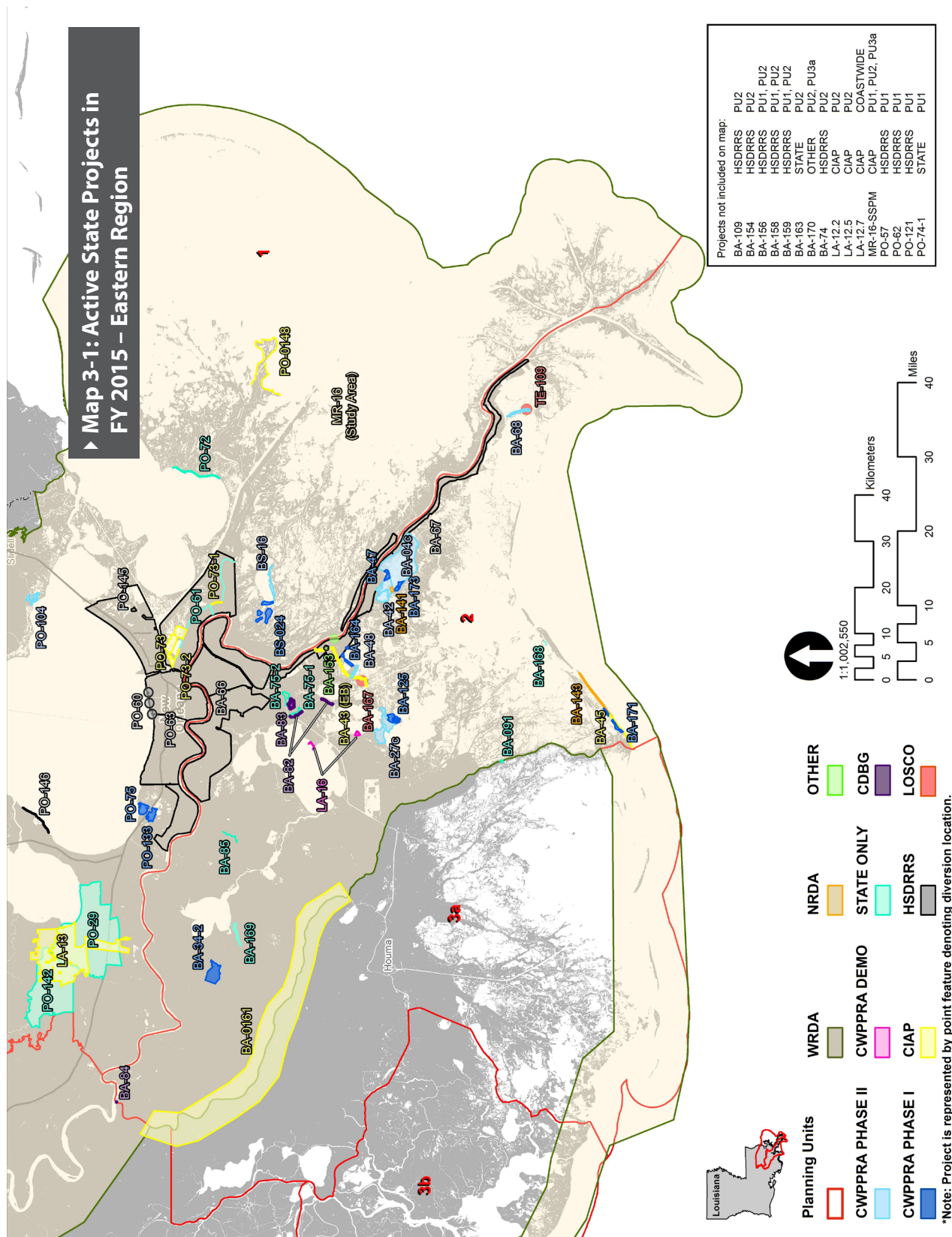
## Supplemental Environmental Projects

A civil action settlement may also include Supplemental Environmental Projects (SEPs), which are tools used by the EPA and DOJ in settlements in environmental enforcement actions. The EPA describes SEPs as environmentally beneficial projects that a violator agrees to undertake when settling an enforcement action. The purpose of a SEP is to provide environmental or public health benefits beyond those required to remediate environmental damages.

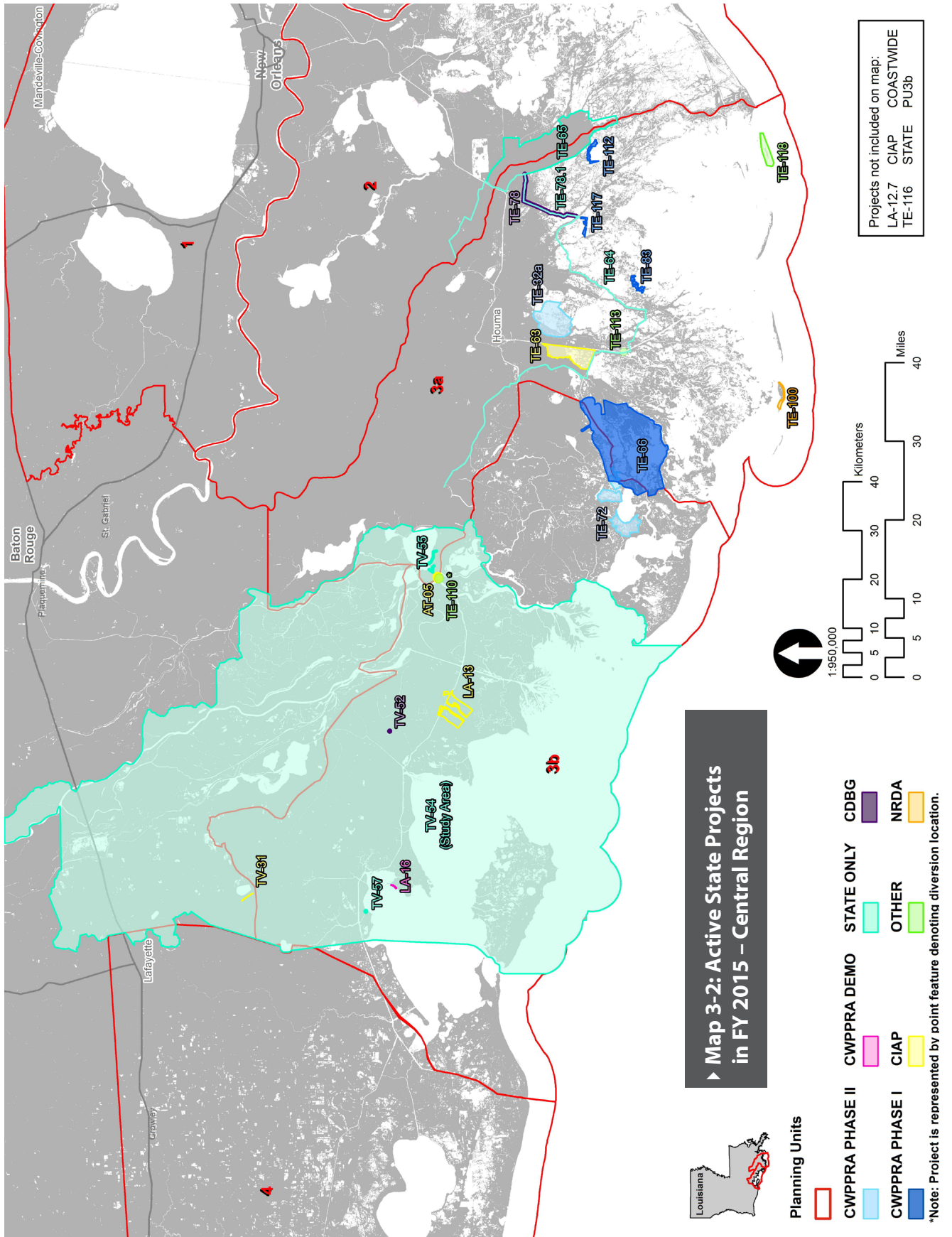
## MOEX Settlement

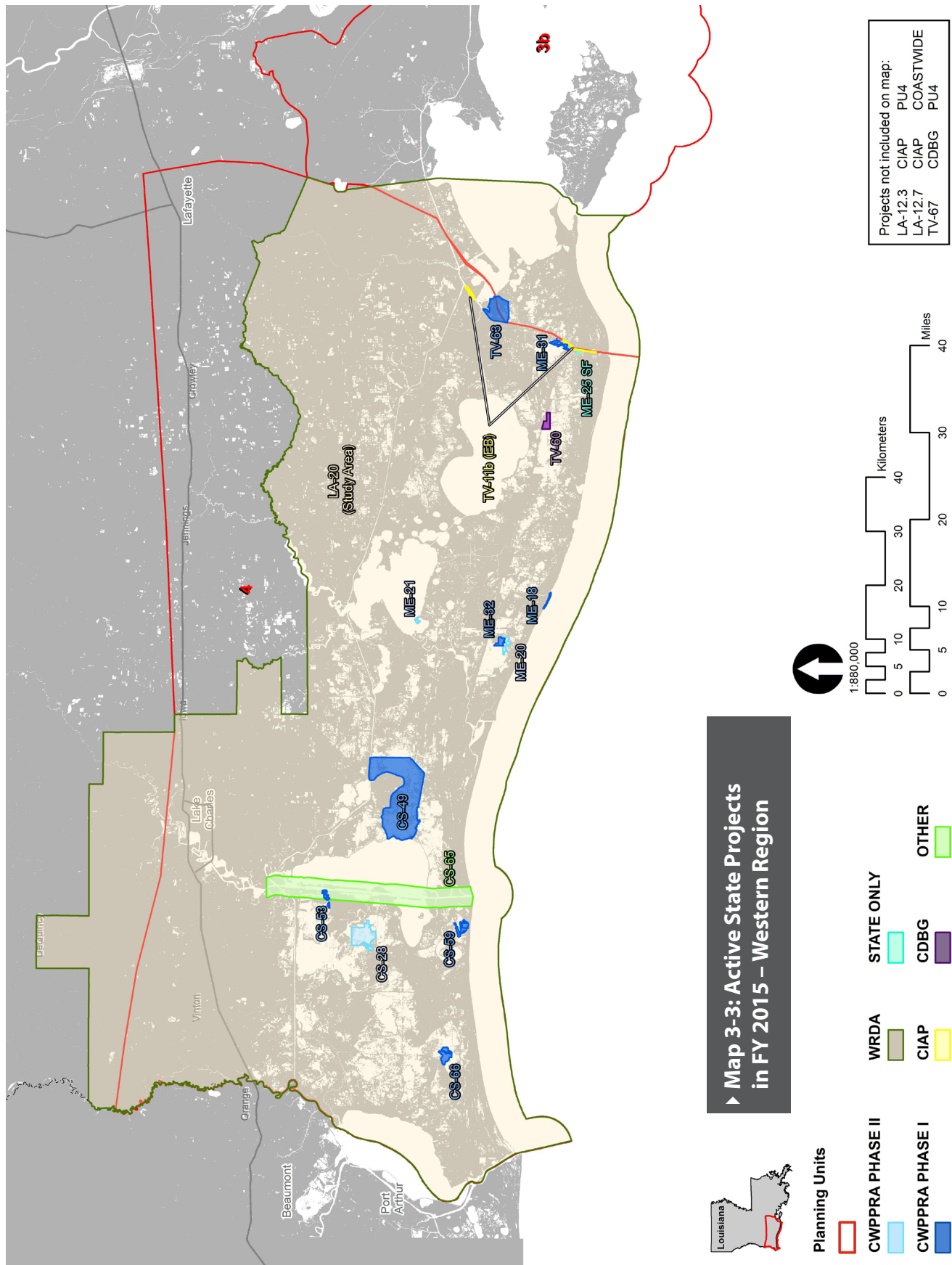
As part of the *Deepwater Horizon* oil event, MOEX agreed to pay \$70 million in civil penalties. Each of the Gulf States received a portion of these penalty payments. Louisiana's portion, \$6,755,059, was directed to the Coastal Protection and Restoration Fund in accordance with Act 805 of 2012. As required by Act 805, these funds will be used for integrated coastal protection efforts, including coastal restoration, hurricane protection and improving the resiliency of the Louisiana Coastal Area affected by the *Deepwater Horizon* oil spill. Specifically, \$3,400,000 is being utilized to construct PO-142 Hydrologic Restoration of the Amite River Diversion Canal, \$750,000 will be paid to the Attorney General's Office for related legal service, \$2,585,059 will be utilized to cover expenses associated with Mississippi River Hydrodynamic modeling and \$20,000 will be utilized to cover administrative expenses associated with the land acquisition portion of the MOEX settlement.











► **Table 3-1: Projects Scheduled to be in Construction in FY 2015**

Project ID	Project Name	Construction Start Date <sup>1</sup>	Construction Finish Date	State Construction Budget
<b>CWPPRA Phase II Projects</b>				
BA-04C	West Pointe a la Hache Outfall Management	10-Nov-14	13-Apr-17	\$648,666
BA-27C	Barataria Basin Landbridge Shoreline Protection, Phase 3-CU7 & 8	15-Apr-14	22-Jun-15	\$3,765,298
BA-42	Lake Hermitage Marsh Creation	29-Sep-11	29-Oct-14	\$5,469,938
BA-48	Bayou Dupont Marsh and Ridge Creation Project	17-Sep-13	23-Dec-15	\$5,343,343
BA-68	Grand Liard Marsh and Ridge Restoration	16-Dec-13	01-Apr-15	\$5,742,508
BS-16	South Lake Lery Shoreline and Marsh Restoration	05-Sep-13	08-Mar-15	\$4,470,149
CS-28	Sabine Refuge Marsh Creation Cycles 4 & 5	28-Feb-14	20-Nov-14	\$1,549,210
ME-20	South Grand Chenier Marsh Creation Project	02-Feb-15	29-Jan-16	\$3,039,739
ME-21	Grand Lake Shoreline Protection - Tebo Point	03-Dec-14	01-Sep-15	\$405,000
PO-104	Bayou Bonfouca Marsh Creation	30-Jan-15	27-Jan-16	\$3,818,511
TE-72	Lost Lake Marsh Creation and Hydrologic Restoration	18-Mar-15	30-Sep-16	\$4,845,977
<b>CWPPRA Demonstration Projects</b>				
LA-16	Non-rock Alternatives to Shoreline Protection Demonstration	16-Aug-13	17-Jul-14	\$839,846
<b>CIAP Projects</b>				
AT-05	Morgan City Industrial Road	24-Mar-14	29-Jan-15	\$214,848
BA-43 (EB)	Mississippi River Long Distance Sediment Pipeline <sup>2</sup>	17-Sep-13	23-Dec-15	\$56,495,337
BA-45	Caminada Headland Beach and Dune Restoration <sup>2</sup>	12-Apr-13	01-Aug-14	\$66,512,673
BA-161	Mississippi River Water Reintroduction into Bayou Lafourche - BLFWD	22-Mar-15	10-Nov-16	\$18,350,000
MR-16-SSPM	Mississippi River Delta Strategic Planning - SSPM Expansion	17-Feb-14	28-Jul-15	\$8,701,642
PO-73	Central Wetlands Demonstration	22-Aug-11	23-Feb-15	\$2,811,832
PO-73-1	Central Wetlands - Riverbend	03-Sep-13	22-Jan-15	\$1,800,000
PO-73-2	Central Wetlands - EBSTP to A2	14-May-14	11-Dec-15	\$4,218,168
PO-148	Living Shoreline	24-Nov-14	23-Dec-16	\$23,500,000
TE-63	Falgout Canal Freshwater Enhancement	01-Jul-14	30-Jun-15	\$3,300,000
TV-11B (EB)	Freshwater Bayou Bank Stabilization (CIAP)	19-Jul-13	21-Jul-14	\$10,833,652
TV-31	Acadiana Regional Airport Street Improvements - Admiral Doyle Drive	04-Mar-14	14-May-15	\$602,500
<b>State-Only Projects</b>				
BA-75-1	Jean Lafitte Tidal Protection	19-Feb-14	27-May-15	\$12,230,000
BA-75-2	Rosethorne Tidal Protection	30-Nov-14	28-Feb-16	\$20,000,000
BA-85	St. Charles West Bank Hurricane Protection Levee	16-Dec-13	28-Dec-17	\$8,000,000
BA-91	Bayou LaFourche Salt Water Control Structure	22-Jul-14	24-Apr-15	\$4,291,400

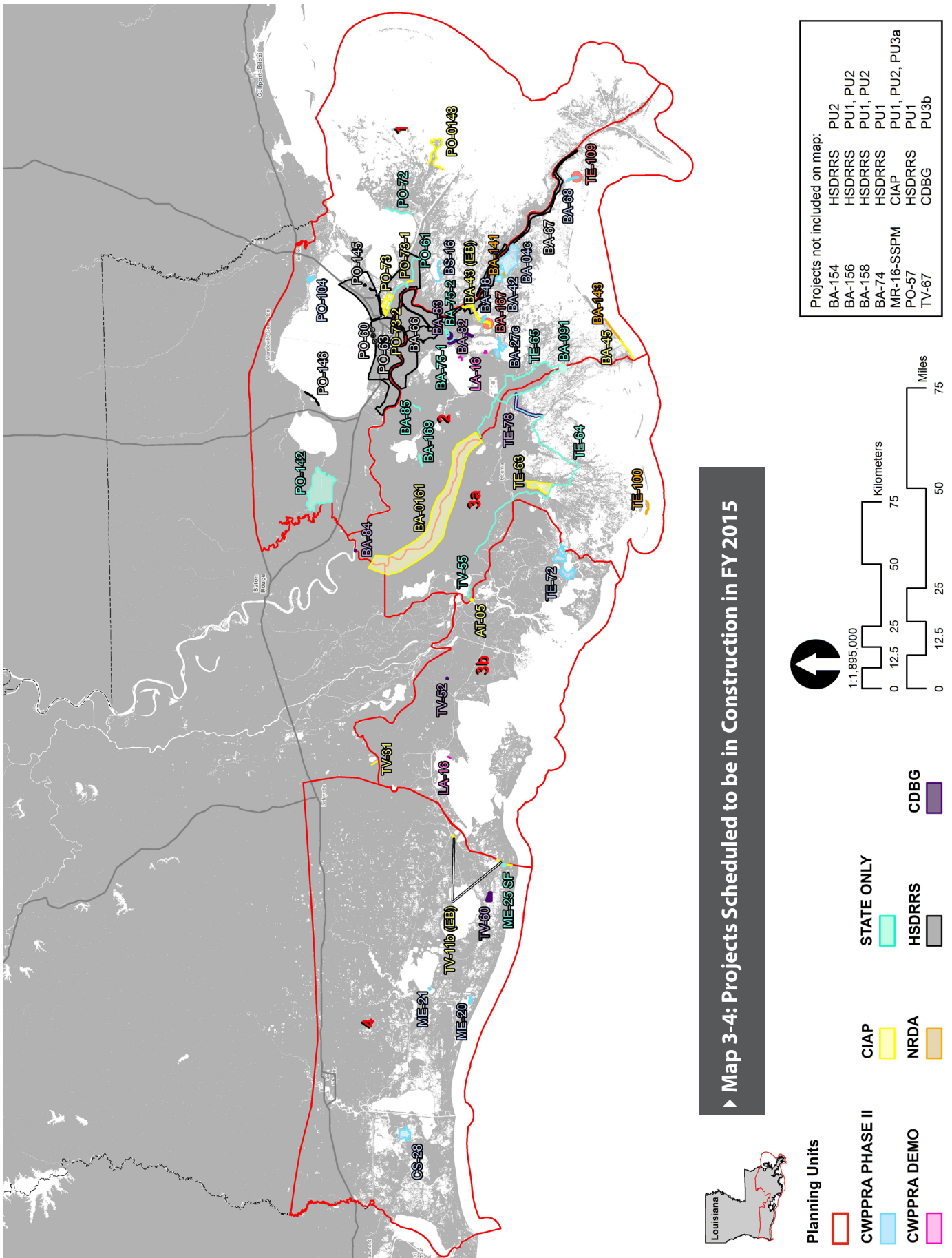
► **Table 3-1: Projects Scheduled to be in Construction in FY 2015**

Project ID	Project Name	Construction Start Date <sup>1</sup>	Construction Finish Date	State Construction Budget
<b>State-Only Projects (cont.)</b>				
BA-169	Kraemer/Bayou Boeuf Levee Lift	31-Jan-15	30-Sep-15	\$1,000,000
ME-25 SF	Marsh Creation Near Freshwater Bayou	06-Dec-13	27-May-15	\$5,358,516
PO-61	Forty Arpent Levee <sup>3</sup>	15-Jan-15	15-Dec-15	\$2,121,399
PO-72	Biloxi Marsh	25-Jan-13	06-Sep-14	\$19,360,000
PO-142	Hydrologic Restoration of the Amite Diversion Canal	14-Jul-14	19-Mar-15	\$2,542,100
TE-64	Morganza to the Gulf	30-Nov-05	03-Oct-16	\$102,556,411
TE-65	Larose to Golden Meadow - Flood Protection	06-Jan-09	31-Jul-14	\$27,820,000
TV-55	Morgan City/St. Mary Flood Protection	04-Sep-14	24-Feb-16	\$3,370,000
<b>CDBG Projects</b>				
BA-82	Lafitte Area Levee Repair	12-May-14	24-Mar-15	\$425,000
BA-83	Rosethorne Wetland Assimilation Project	21-Jul-14	01-Apr-15	\$771,875
BA-84	Bayou Lafourche Fresh Water District - Walter S. Lemann Memorial Pump Station Renovations	24-Jan-13	02-Sep-14	\$2,857,000
TE-78	Cut-Off/Pointe Aux Chene Levee	01-May-14	25-Aug-15	\$7,352,567
TV-52	Franklin Floodgate Sinkable Barge and Pump Station <sup>2</sup>	05-Jul-12	09-Sep-14	\$4,941,888
TV-60	Front Ridge Chenier Terracing/Protection	01-Jul-14	17-Jul-15	\$1,421,572
TV-67	Bayou Tigre Flood Control Project	01-Nov-14	28-Feb-16	\$5,308,244
<b>HSDRRS Projects<sup>4,5</sup></b>				
BA-66	West Bank and Vicinity	26-Jan-07	15-Mar-16	\$4,304,525,784
BA-67	New Orleans to Venice	03-Aug-12	24-Nov-20	\$1,301,523,760
BA-74	Storm-Proofing of Interior Pumping Stations	13-Apr-09	26-Nov-14	\$340,000,000
BA-154	Previously Authorized Mitigation WBV <sup>6</sup>	31-Jan-15	23-Jul-18	\$11,000,000
BA-156	Plaquemines TFU Mitigation - Braithwaite to Scarsdale - Big Mar	02-Sep-14	08-Jul-15	\$2,800,000
BA-158	New Orleans to Venice Mitigation - Plaquemines Non-Federal	15-May-15	06-Sep-17	\$14,500,000
PO-57	SELA-Overall	18-Feb-09	12-Oct-20	\$1,170,974,586
PO-60	Permanent Canal Closures and Pump Stations	01-Jan-13	08-May-17	\$614,800,000
PO-63	Lake Pontchartrain and Vicinity <sup>7</sup>	31-Oct-07	16-Oct-14	\$3,852,000,000
PO-145	LPV Task Force Guardian Mitigation- Bayou Sauvage <sup>7</sup>	01-Mar-12	31-Dec-14	\$780,000
PO-146	Previously Authorized Mitigation LPV- Manchac <sup>7</sup>	07-Jan-12	27-Feb-15	\$21,000,000
<b>LOSCO Projects</b>				
BA-167	OPA Little Lake	17-Sep-13	23-Dec-15	\$776,000
TE-109	OPA Mosquito Bay <sup>8</sup>	15-Nov-13	01-Apr-15	\$1,091,000

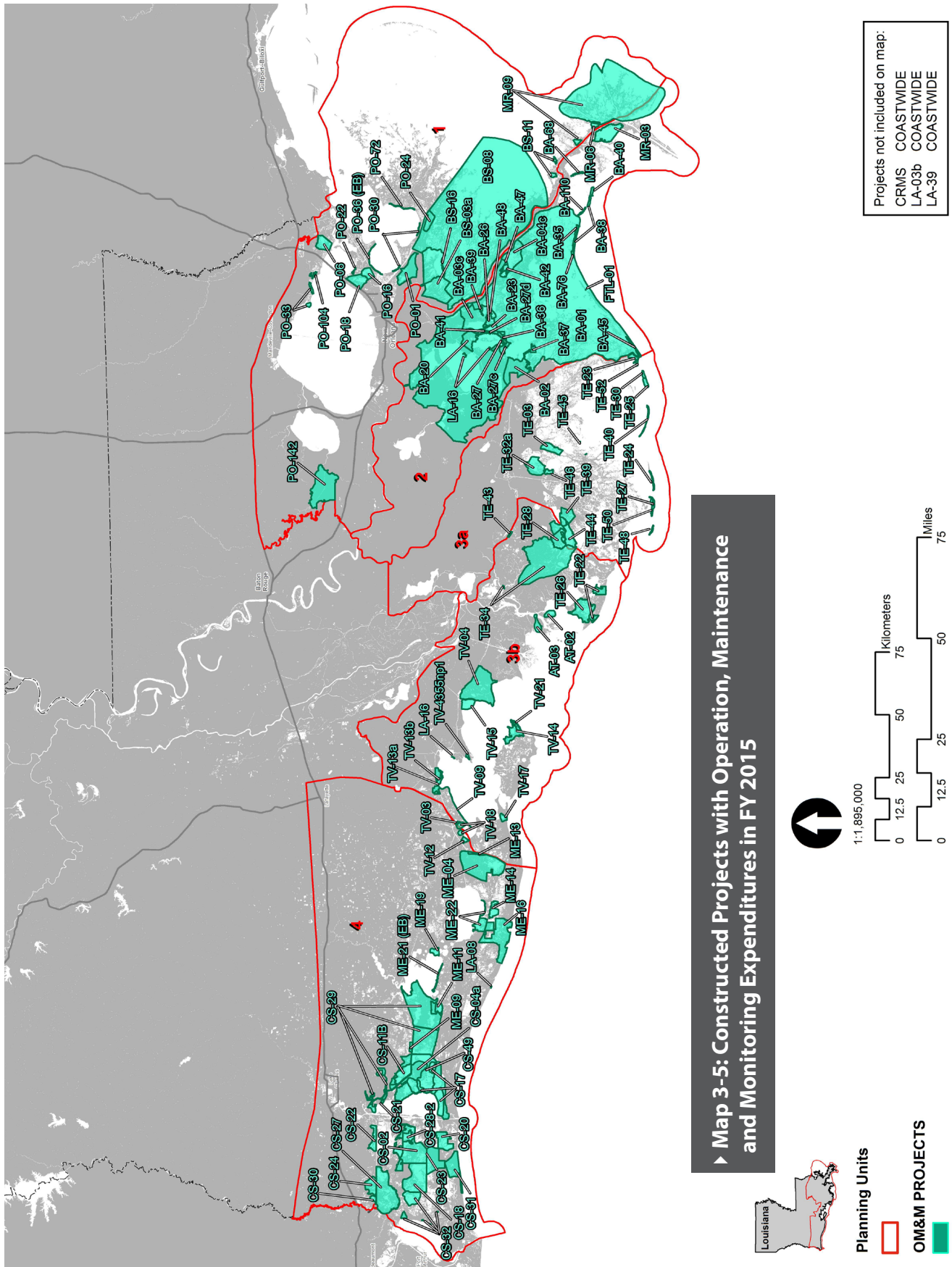
► **Table 3-1: Projects Scheduled to be in Construction in FY 2015**

Project ID	Project Name	Construction Start Date <sup>1</sup>	Construction Finish Date	State Construction Budget
<b>NRDA Projects</b>				
BA-141	Lake Hermitage Marsh Creation, Additional Increment	29-Sep-11	29-Oct-14	\$7,222,162
TE-100	NRDA Caillou Lake Headlands	01-Feb-15	01-Aug-16	\$108,309,000
<b>NFWF Projects</b>				
BA-143	Caminada Headland Beach and Dune Restoration Increment 2	23-Apr-14	25-Apr-16	\$144,551,441
<b>Notes</b>				
<ol style="list-style-type: none"> <li>1. Construction start date is defined as projected date for advertisement of construction bid notice; actual date of mobilization may vary.</li> <li>2. Project partially funded with Surplus funds.</li> <li>3. Project involves construction of a supplemental project within the scope of original project PO-61 (completed in FY 2011).</li> <li>4. Full construction budget is presented.</li> <li>5. Pending completion of approval process.</li> <li>6. Project cost included in total cost for BA-66.</li> <li>7. Project cost included in total cost for PO-63.</li> <li>8. Project to be constructed as a change order for BA-68.</li> </ol>				









► **Table 3-2: Projected Three-Year Schedules for Active CWPPRA Projects (FY 2015 - 2017)**

Project ID	Project Name	Tier	Federal Sponsor	2015				2016				2017			
				1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
CWPPRA Phase I Projects															
BA-34-2	Hydrologic Restoration and Vegetative Planting in the Lac des Allemands Swamp	2	EPA	D	D	D	D	D	W	W	W	W	W	W	W
BA-47	West Pointe a la Hache Marsh Creation Project	1	NRCS	D	D	D	D	D	W	W	W	W	W	W	W
BA-125	Northwest Turtle Bay Marsh Creation	2	USFWS	D	D	D	W	W	W	W	W	W	W	W	W
BA-164	Bayou Dupont Sediment Delivery-Marsh Creation 3	1	EPA	D	D	D	W	W	W	W	W	W	W	W	W
BA-171	Caminada Headland Back Barrier Marsh Creation <sup>1</sup>	1	EPA	D	D	D	D	D	D	D	D	D	D	W	W
BA-173	Bayou Grande Cheniere Marsh and Ridge Restoration <sup>1</sup>	1	USFWS	D	D	D	D	D	D	D	D	D	D	D	D
BS-24	Terracing and Marsh Creation South of Big Mar	2	USFWS	D	D	D	D	D	D	W	W	W	W	W	W
CS-49	Cameron-Creole Freshwater Introduction	1	NRCS	D	D	D	W	W	W	W	W	W	W	W	W
CS-53	Kelso Bayou Marsh Creation	1	NRCS	D	D	D	D	D	D	W	W	W	W	W	W
CS-59	Oyster Bayou Marsh Creation and Terracing	1	NOAA	D	D	W	W	W	W	W	W	W	W	W	W
CS-66	Cameron Meadows Marsh Creation and Terracing	2	NOAA	D	D	D	D	D	D	D	W	W	W	W	W
ME-18	Rockefeller Refuge Gulf Shoreline Stabilization	1	NOAA	D	D	D	D	D	D	D	W	W	W	W	W
ME-31	Freshwater Bayou Marsh Creation (CWPPRA)	1	NRCS	D	D	D	D	D	D	D	D	W	W	W	W
ME-32	South Grand Chenier Marsh Creation - Baker Tract <sup>1</sup>	1	NRCS	D	D	D	D	D	D	D	D	D	D	W	W
PO-75	LaBranche East Marsh Creation	2	NRCS	D	D	D	D	D	D	W	W	W	W	W	W
PO-133	LaBranche Central Marsh Creation	2	NRCS	D	D	D	D	D	D	D	D	W	W	W	W
TE-66	Central Terrebonne Freshwater Enhancement	1	NRCS	D	D	D	D	D	D	D	D	W	W	W	W
TE-83	Terrebonne Bay Marsh Creation	1	USFWS	D	D	D	D	D	W	W	W	W	W	W	W
TE-112	North Catfish Lake Marsh Creation	2	NRCS	D	D	D	D	D	D	D	W	W	W	W	W
TE-117	Island Road Marsh Creation and Nourishment <sup>1</sup>	1	NOAA	D	D	D	D	D	D	D	D	D	D	D	W
TV-63	Cole's Bayou Marsh Restoration	1	NOAA	D	D	D	D	D	D	D	W	W	W	W	W
CS-54	Cameron-Creole Watershed Grand Bayou Marsh Restoration	1	USFWS	W	W	W	W	W	W	W	W	W	W	W	W
PO-34	Alligator Bend Marsh Restoration and Shoreline Protection	1	NRCS	W	W	W	W	W	W	W	W	W	W	W	W

► **Table 3-2: Projected Three-Year Schedules for Active CWPPRA Projects (FY 2015 - 2017)**

Project ID	Project Name	Tier	Federal Sponsor	2015				2016				2017			
				1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
CWPPRA Phase I Projects (cont.)															
TE-51	Madison Bay Marsh Creation and Terracing	1	NOAA	W	W	W	W	W	W	W	W	W	W	W	W
TE-39-CU2	South Lake Decade Freshwater Introduction - CU2 <sup>2</sup>	1	NRCS												
TV-20	Bayou Sale Shoreline Protection <sup>2</sup>	3	NRCS												
CWPPRA Phase II Projects															
BA-04C	West Pointe a la Hache Outfall Management	3	NRCS	D	B	C	C	C	C	C	C	C	C	C	F
BA-27C	Barataria Basin Landbridge SP, Phase 3-CU7 & 8	C	NRCS	C	C	C	C	F	O	O	O	O	O	O	O
BA-42	Lake Hermitage Marsh Creation	C	USFWS	C	F	O	O	O	O	O	O	O	O	O	O
BA-48	Bayou Dupont Marsh and Ridge Creation Project	1	NOAA	C	C	C	C	C	C	F	O	O	O	O	O
BA-68	Grand Liard Marsh and Ridge Restoration	1	NOAA	C	C	C	F	O	O	O	O	O	O	O	O
BS-16	South Lake Lery Shoreline and Marsh Restoration	1	USFWS	C	C	C	F	O	O	O	O	O	O	O	O
CS-28	Sabine Refuge Marsh Creation Cycles 4 & 5	1	USFWS	C	F	O	O	O	O	O	O	O	O	O	O
ME-20	South Grand Chenier Marsh Creation Project <sup>3</sup>	C	USFWS	D	D	B	C	C	C	F	O	O	O	O	O
ME-21	Grand Lake Shoreline Protection, Tebo Point	1	NRCS	D	B	C	C	F	O	O	O	O	O	O	O
PO-104	Bayou Bonfouca Marsh Creation	2	USFWS	D	D	B	C	C	C	F	O	O	O	O	O
TE-32A	North Lake Boudreaux Basin Freshwater Introduction and Hydrologic Management	1	USFWS	D	D	D	D	D	D	B	C	C	C	C	C
TE-72	Lost Lake Marsh Creation and Hydrologic Restoration <sup>3</sup>	1	USFWS	D	D	B	C	C	C	C	C	C	F	O	O
CWPPRA Demonstration Projects															
LA-16	Non-rock Alternatives to Shoreline Protection Demo	2	NRCS	F	O	O	O	O	O	O	O	O	O	O	O

Legend		P	Feasibility & Planning	B	Both Design & Construction
References	1. Project newly approved for Phase I; final schedule under development.	D	Engineering & Design	F	Construction Complete
	2. Project currently on hold; schedule to be updated when implementation recommences.	W	Awaiting Additional Funding for Implementation	I	Program Implementation
	3. Project newly approved for Phase II; schedule under development.	C	Construction	O	Operations, Maintenance, & Monitoring

► **Table 3-3: Projected Three-Year Schedules for Active WRDA Projects (FY 2015 - 2017)**

Project ID	Project Name	Tier	Federal Sponsor	2015				2016				2017			
				1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
LCA Projects															
MR-16	Mississippi River Hydrodynamic and Delta Management Study <sup>1</sup>	1	USACE	P	P	P	P	P	P	P	P	P	P	P	P
PO-68	LCA Small Diversion at Convent / Blind River <sup>2</sup>	1	USACE												
Other WRDA Projects															
LA-20	Southwest Coastal Louisiana Feasibility Study <sup>3</sup>	1	USACE	P	W	W	W	W	W	W	W	W	W	W	W

<b>Legend</b>		P	Feasibility & Planning	B	Both Design & Construction
<b>References</b>	1. Project partially funded by CIAP funds.	D	Engineering & Design	F	Construction Complete
	2. Project currently on hold; schedule to be updated when implementation commences.	W	Awaiting Additional Funding for Implementation	I	Program Implementation
	3. Project partially funded by Surplus funds.	C	Construction	O	Operations, Maintenance, & Monitoring

► **Table 3-4: Projected Three-Year Schedules for Active CIAP Projects (FY 2015 - 2017)**

Project ID	Project Name	Tier	Federal Sponsor	2015				2016				2017			
				1Q	2Q	3q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
Restoration Projects															
BA-43 (EB)	Mississippi River Long Distance Sediment Pipeline¹	1	USFWS	C	C	C	C	C	C	F					
BA-45	Caminada Headland Beach and Dune Restoration¹	1	USFWS	F											
BA-161	Mississippi River Water Reintroduction into Bayou Lafourche - BLFWD	1	USFWS	D	D	B	C	C	C	C	C	C	F		
LA-12.2	Performance Evaluation - Barataria Land Bridge Biological Monitoring	2	USFWS	O											
LA-12.3	Performance Evaluation - Freshwater Bayou	2	USFWS	O	O										
LA-12.5	Performance Evaluation - Barrier Island Studies	2	USFWS	O	O	O	O								
LA-12.7	Performance Evaluation Borrow Area Management and Monitoring	2	USFWS	O											
LA-13	Coastal Forest Conservation Initiative	1	USFWS	I	I										
MR-16-SSPM	Mississippi River Delta Strategic Planning - SSPM Expansion	1	USFWS	B	B	B	C	F							
PO-73	Central Wetlands Demonstration	C	USFWS	C	C	F									

► **Table 3-4: Projected Three-Year Schedules for Active CIAP Projects (FY 2015 - 2017)**

Project ID	Project Name	Tier	Federal Sponsor	2015				2016				2017			
				1Q	2Q	3q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
Restoration Projects (cont.)															
PO-73-1	Central Wetlands - Riverbend	1	USFWS	C	C	F									
PO-73-2	Central Wetlands - EBSTP to A2	1	USFWS	C	C	C	C	C	C	F					
PO-148	Living Shoreline	1	USFWS	D	B	C	C	C	C	C	C	C	F		
TE-63	Falgout Canal Freshwater Enhancement	2	USFWS	C	C	C	C	F							
TV-11B (EB)	Freshwater Bayou Bank Stabilization (CIAP)	1	USFWS	F											
Infrastructure Projects															
AT-05	Morgan City Industrial Road	2	USFWS	C	C	F									
TV-31	Acadiana Regional Airport Street Improvements - Admiral Doyle Drive	2	USFWS	C	C	C	F								

Legend		P	Feasibility & Planning	B	Both Design & Construction
References	1. Project partially funded by Surplus funds.	D	Engineering & Design	F	Construction Complete
		W	Awaiting Additional Funding for Implementation	I	Program Implementation
		C	Construction	O	Operations, Maintenance, & Monitoring

► **Table 3-5: Projected Three-Year Schedules for Active State-Only Projects (FY 2015 - 2017)**

Project ID	Project Name	Tier	Federal Sponsor	2015				2016				2017			
				1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
State Non-Surplus Projects															
BA-91	Bayou LaFourche Salt Water Control Structure	1	N/A	C	C	C	F								
PO-29	River Reintroduction into Maurepas Swamp	1	N/A	D	D	D	D	D	D	D	D	W	W	W	W
PO-142	Hydrologic Restoration of the Amite River Diversion Canal	1	N/A	C	C	C	F								
State Surplus Projects															
BA-75-1	Jean Lafitte Tidal Protection	1	N/A	C	C	C	F								
BA-75-2	Rosethorne Tidal Protection	1	N/A	D	D	C	C	C	C	F					
BA-85	St. Charles West Bank Hurricane Protection Levee	1	N/A	B	B	B	B	B	B	B	B	B	B	B	B
BA-169	Kraemer/Bayou Boeuf Levee Lift¹	1	N/A	D	D	C	C	C	F						
BA-170	Breach Management Plan	1	N/A	P	P	P									
ME-25 SF	Marsh Creation Near Freshwater Bayou	1	N/A	C	C	C	F								
PO-61	Fort Arpent Levee²	C	N/A			C	C	C	F						
PO-72	Biloxi Marsh	C	N/A	F											
TE-64	Morganza to the Gulf	C	USACE	C	C	C	C	C	C	C	C	C	C		
TE-65	Larose to Golden Meadow - Flood Protection	C	N/A	F											
TV-54	South Central Coastal Plan	-	N/A	P	P										
TV-55	Morgan City/ St. Mary Flood Protection	1	N/A	B	C	C	C	C	C	F					
TV-57	Delcambre-Avery Canal (E&D)	1	N/A	D	D	D	D	D							
BA-168	Grand Isle Fifi Island Breakwater¹	1	N/A												
PO-74-1	Slidell Ring Levee¹	1	N/A												

Legend		P	Feasibility & Planning	B	Both Design & Construction
References	1. Project newly approved; final schedule under development.	D	Engineering & Design	F	Construction Complete
	2. Project involves construction of a supplemental project within the scope of original project PO-61 (completed in FY 2011).	W	Awaiting Additional Funding for Implementation	I	Program Implementation
		C	Construction	O	Operations, Maintenance, & Monitoring



► **Table 3-5: Projected Three-Year Schedules for Active State-Only Projects (FY 2015 - 2017)**

Project ID	Project Name	Tier	Federal Sponsor	2015				2016				2017			
				1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
State Surplus Projects (cont.)															
TE-78-1	Cut-Off/Pointe Aux Chene Levee <sup>1</sup>	1	N/A												
TE-116	St. Mary Backwater Flooding <sup>1</sup>	1	N/A												

► **Table 3-6: Projected Three-Year Schedules for Active CDBG Projects (FY 2015 - 2017)**

Project ID	Project Name	Tier	Federal Sponsor	2015				2016				2017			
				1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
BA-82	Lafitte Area Levee Repair	1	HUD	C	C	C	F								
BA-83	Rosethorne Wetland Assimilation Project	1	HUD	C	C	C	F								
BA-84	Bayou Lafourche Fresh Water District - Walter S. Lemann Memorial Pump Station Renovations	1	HUD	F											
TE-78	Cut-Off/Pointe Aux Chene Levee	1	HUD	C	C	C	C	F							
TV-52	Franklin Floodgate Sinkable Barge and Pump Station <sup>1</sup>	1	HUD	C	F										
TV-60	Front Ridge Chenier Terracing/Protection	1	HUD	C	C	C	C	F							
TV-67	Bayou Tigre Flood Control Project	1	HUD	D	D	C	C	C	C	F					

Legend		P	Feasibility & Planning	B	Both Design & Construction
References	1. Project partially funded by Surplus funds.	D	Engineering & Design	F	Construction Complete
		W	Awaiting Additional Funding for Implementation	I	Program Implementation
		C	Construction	O	Operations, Maintenance, & Monitoring

► **Table 3-7: Projected Three-Year Schedules for Active HSDRRS Projects (FY 2015 - 2017)<sup>1</sup>**

Project ID	Project Name	Tier	Federal Sponsor	2015				2016				2017			
				1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
BA-66	West Bank and Vicinity <sup>2,3</sup>	C	USACE	C	C	C	C	C	C	F					
BA-67	New Orleans to Venice <sup>2</sup>	1	USACE	C	C	C	C	C	C	C	C	C	C	C	C
BA-74	Storm-Proofing of Interior Pumping Stations	C	USACE	C	F										
BA-109	HSDRRS Mitigation- WBV <sup>2</sup>	2	USACE	D	D	D	D	D	B	B	B	B	B	B	B
BA-154	Previously Authorized Mitigation WBV <sup>2</sup>	2	USACE	D	D	B	B	B	B	B	B	C	C	C	C
BA-156	Plaquemines TFU Mitigation - Braithwaite to Scarsdale - Big Mar <sup>2</sup>	2	USACE	B	C	C	C	F							
BA-158	New Orleans to Venice Mitigation - Plaquemines Non-Federal <sup>2</sup>	2	USACE	D	D	D	B	C	C	C	C	C	C	C	C
BA-159	New Orleans to Venice Mitigation - Federal <sup>2</sup>	2	USACE	D	D	D	D	B	C	C	C	C	C	C	C
PO-57	SELA-Overall	C	USACE	C	C	C	C	C	C	C	C	C	C	C	C
PO-60	Permanent Canal Closures and Pump Stations <sup>2</sup>	1	USACE	C	C	C	C	C	C	C	C	C	C	C	F
PO-62	West Shore-Lake Pontchartrain, Louisiana Hurricane Protection Project Feasibility Study	1	USACE	P	W	W	W	W	W	W	W	W	W	W	W
PO-63	Lake Pontchartrain and Vicinity <sup>2,3</sup>	C	USACE	C	F										
PO-121	HSDRRS Mitigation- LPV <sup>2</sup>	2	USACE	D	D	D	D	B	B	B	C	C	C	C	C
PO-145	LPV Task Force Guardian Mitigation- Bayou Sauvage <sup>2</sup>	C	USACE	C	C	F									
PO-146	Previously Authorized Mitigation LPV- Manchac <sup>2</sup>	C	USACE	C	C	F									
BA-148	Risk Reduction - Barataria Basin Landbridge <sup>4</sup>	2	USACE												
BS-03B	Risk Reduction via Modification to the Caernarvon Freshwater Diversion <sup>4</sup>	2	USACE												

Legend		P	Feasibility & Planning	B	Both Design & Construction
References	1. OM&M duties are the responsibility of the local sponsor.	D	Engineering & Design	F	Construction Complete
	2. State expenditures may be covered with Surplus allocation for HSDRRS LERRDS.	W	Awaiting Additional Funding for Implementation	I	Program Implementation
	3. Payments for 30 year payback to commence upon completion of construction activities. According to the USACE, payback will begin in calendar year 2015.	C	Construction	O	Operations, Maintenance, & Monitoring
	4. Project on hold; schedule to be updated when implementation recommences.				

► **Table 3-8: Projected Three-Year Schedules for Active LOSCO Projects (FY 2015 - 2017)**

Project ID	Project Name	Tier	2015				2016				2017			
			1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
BA-167	OPA Little Lake	C	C	C	C	C	C	C	F					
TE-109	OPA Mosquito Bay	C	C	C	C	F								

Legend		P	Feasibility & Planning	B	Both Design & Construction
References	None	D	Engineering & Design	F	Construction Complete
		W	Awaiting Additional Funding for Implementation	I	Program Implementation
		C	Construction	O	Operations, Maintenance, & Monitoring

► **Table 3-9: Projected Three-Year Schedules for Active and Proposed Oil Spill Projects (FY 2015 - 2017)**

Project ID	Project Name	Tier	2015				2016				2017			
			1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
NRDA Early Restoration Projects														
BA-141	NRDA Lake Hermitage Marsh Creation Increment 2	C	C	F										
TE-100	NRDA Caillou Lake Headlands	1	D	D	C	C	C	C	C	C	F			
BA-111	Shell Island West- NRDA	1	W	W	W	W	W	W	W	W	W	W	W	W
NFWF Projects														
BA-143	Caminada Headland Beach and Dune Restoration Increment 2	1	C	C	C	C	C	C	C	F				
BA-153	Mid-Barataria Sediment Diversion	1	D	D	D	D	D	D	D	W	W	W	W	W
BA-163	Lower Mississippi River Sediment Diversions¹	1	P	P	P	P	W	W	W	W	W	W	W	W
TE-110	Increase Atchafalaya Flow to Eastern Terrebonne	1	P	P	W	W	W	W	W	W	W	W	W	W
TE-118	East Timbalier Island Restoration	1	D	D	D	D	D	D	D	D	W	W	W	W
Other Projects														
CS-65	Calcasieu Ship Channel Salinity Control Measures	1	P	P	W	W	W	W	W	W	W	W	W	W
TE-113	Houma Navigation Canal Lock Complex	1	D	D	D	D	D	D	D	D	D	D	D	D
PO-141	Central Wetlands Diversion	1	W	W	W	W	W	W	W	W	W	W	W	W
PO-144	Mississippi River Sediment Delivery System East	1	W	W	W	W	W	W	W	W	W	W	W	W

Legend		P	Feasibility & Planning	B	Both Design & Construction
References	1. Project involves evaluating the feasibility of sediment diversions into the Mid Breton, Lower Breton, and Lower Barataria basins.	D	Engineering & Design	F	Construction Complete
		W	Awaiting Additional Funding for Implementation	I	Program Implementation
		C	Construction	O	Operations, Maintenance, & Monitoring