



Section 4
Projections:
2016 - 2017 - 2018

Congratulations to the High School Division winners of the CPRA and Youth Wetlands Program's inaugural Student Poetry Contest.

"Laissez Les Bon Temps Rouler"

1st Place

"Let the good times roll"
It's the motto of my Louisiana people,
It helps us to remember
A different time, a different place, or a different person
But for me...
I think of the Louisiana coast
I think of the old camps on the water
The fishing with family
The birds soaring across the bayous
The crawfish boils
I think of every moment of joy
And then the hurricanes
I think of every moment of sadness
Like those hurricanes that chip away at our coast
But not the people
Those hurricanes have never taken away the joy of the
people of Louisiana
Those windy disasters brought us even closer to finding a
way
To finding a way to save our wetlands
And slowly, very patiently
We will find a way to solve this problem
So that the people of Louisiana can once again say,
"Laissez les bon temps rouler."

*By: Meredith Perniciaro, Age 15
St. Rose, La.*

"Ourselves"

2nd Place

Louisiana, home of Jazz, Mardi Gras, and the Big Easy
Yet the most ignored thing is the coast of our state
If it is ignored there will be no Big Easy
Just ignorance
Blinded by profit
Blinded by greed
Sweet hot southern sun
Beaming down on the coast
Shelter, refuge, and concealment
Mother to our culture
Our home
This is my Louisiana

*By: Gilberto Sotres, Age 16
Harvey, La.*

"Coastal Paradise"

3rd Place

A swaying sea of brown and green
Filled with life often unseen
Majestic home to valuable life
An innocent victim of nature and human strife

Clothed in silence and mysterious grace
Where birth and death interlace
A blue heron sings its ancient song

Tupelo cypress bend their weathered knees
Peering from dark and murky seas
A water-logged wilderness
Dressed to impress

Bright dragons in blues and greens
Hunt their prey over primordial streams
Designed by our creator's hand
A fragile and essential land

Where bobcats, black bear, and nutria thrive
A paradiese that must survive
Through it flows the land's life water
Slowly bleeding into the depth of sea

The pictures changes from hour to hour
As day draws to a close where the cypress tower
The creatures of the night begin their flight
As the Louisiana sun extinguishes her light

As this ancient land ends its day
Its hope is that human kind will allow it to stay
Set aside dreams of wealth
To protect this treasure renewed stealth.

*By: Madison Pillaro, Age 16
St. Martinville, La.*

Section 4

Projections: Fiscal Years 2016 – 2017 – 2018

Table 4-1 presents projected state revenues over the next three fiscal years. Tables 4-2 through 4-4 show how the state proposes to spend its coastal budget over the next three fiscal years. Figures 4-1 through 4-3 depict projected expenditures by project phase for FY 2016–FY 2018, respectively.

While the three-year projections provide readers with an informative picture of the state's upcoming activities, the Legislature only reviews and approves expenditures for FY 2016 (July 1, 2015 through June 30, 2016). The implementation plan incorporates projects that have received funding for planning, design, construction, or OM&M. The state is exploring new funding sources, with the intent of obtaining this level of funding consistently from year to year so that new projects can continue to be brought on line. The state acknowledges that new project opportunities may arise as federal funds become available after the approval of the FY 2016 Annual Plan. In this event, any requests for additional expenditures will be submitted for approval by the CPRA Board.

Sources of Coastal Funding

The state will continue to pursue new possible funding sources while we make the most efficient use of existing funding sources, which include the following:

- The state Coastal Protection and Restoration Trust Fund is largely supported by mineral revenues and severance taxes on oil and gas production on state lands. The Trust Fund provides funding for the coastal program's ongoing operating expenses and for continuing state efforts in coastal restoration and protection.
- The USFWS Administrator of the CIAP program allocated approximately \$497 million in CIAP funds to Louisiana and its 19 coastal parishes over a four-year period, with the state receiving 65 percent. All state CIAP funds are expected to be expended by December 2016.
- The Louisiana Legislature allocated funds from state budget surpluses in 2007, 2008, and 2009 to the coastal program, providing a \$790 million investment in coastal protection and restoration efforts. All surplus funds are currently projected to be expended by the end of FY 2018.
- The Gulf of Mexico Energy Security Act (GOMESA) provides four Gulf Coast states, including Louisiana, with 37.5 percent of federal revenue gained from new OCS drilling leases. Full funding from GOMESA will begin in 2017 and is expected to eventually contribute \$100–200 million to Louisiana each year. No end date has been established for GOMESA funding. The state is considering bonding GOMESA funds based on expected revenue from future oil and gas royalty payments, a strategy that could contribute significant funding to the coastal program over the near-term. The state is also considering borrowing GOMESA funds from the federal government based on expected

future royalties. Before bonding or borrowing can take place, however, the U.S. Department of the Interior must publish regulations for allocating funds to the state, and the state must estimate the amount of money that can be expected from oil and gas revenues (both short- and long-term). With these estimates, the potential revenue stream can be evaluated.

- Louisiana received \$1.06 billion in CDBG funding to assist in the recovery from Hurricanes Gustav and Ike. This total includes an allocation of \$27.4 million for state coastal protection and restoration projects. All CDBG funding resulting from Hurricanes Gustav and Ike is currently projected to be expended by FY 2017.
- The Office of the Governor generates a Capital Outlay Budget Proposal with a list of projects to be granted cash and non-cash lines of credit. State and non-state entities may submit Capital Outlay requests for inclusion in the proposal. For FY 2016, the CPRA is requesting Capital Outlay funding to supplement implementation of 13 coastal projects. Additional information about this request is presented in Appendix F. Final decisions on Capital Outlay requests will be announced at the close of the 2015 Regular Legislative Session.

Development of Funding Projections

The budget projections in Tables 4-2 through 4-4 show the amount of state funds that would actually be needed to accomplish the proposed implementation plan for the next three fiscal years. When developing these projections, the planning team worked with the following assumptions:

- Projected Trust Fund revenues are based on the most recent available information; however, this revenue is difficult to estimate in advance because of a complicated formula and funding triggers based largely on fluctuating mineral revenues.
- All remaining funds earmarked for projects from 2007, 2008, and 2009 surplus funds were carried forward and are shown as revenue for the purposes of the FY 2016 Annual Plan.
- Funding projections represent known avenues through which funding will be received. However, many uncertainties persist regarding the percentages and amounts of funding to be provided by the federal government and local sponsors. Should more dollars become available, the state will be able to expand its efforts and allocate these funds under the direction of the CPRA Board.

Forecasting the Future Funding Picture

The Coastal Master Plan outlines projects for implementation over a 50-year planning horizon. To support this effort, the state is actively pursuing possible sources of funding that may be available over the next 50 years to support future coastal restoration and flood risk reduction projects. The *Deepwater Horizon* oil spill has the potential to be a significant source of funding in the coming years.

Flexibility to Respond to Changing Conditions

Revenue and expenditure projections in Tables 4-1 and 4-2 are based on the most recent available information. Tables 4-1 and 4-2 present a forecast based on a snapshot in time. However, as the *Deepwater Horizon* oil spill illustrates, the coastal program needs some degree of funding flexibility to enable the state to respond appropriately to changing conditions on the ground. The CPRA has been granted authority to reprogram dollars from approved funding streams and allocate the dollars to best meet new opportunities or needs. Reprogramming of existing and new funds will likely occur, with approval from the CPRA Board, to ensure that limited coastal program funds are allocated to the areas of greatest need and in a manner that will provide the greatest overall benefit to the coast. Such flexibility allows the coastal program to respond effectively to unforeseen events that take place outside the legislatively mandated planning cycle.

LaGov

LaGov is a new statewide integrated financial and procurement system that CPRA began using July 1, 2014. This new system integrates financial, human resources, payroll, procurement, and logistics, and brings multiple benefits to CPRA, most notably, system generated project accounting. Other important advantages are better management of federal grants and other funding sources, improvements in managing vendor relationships, improved reporting, and more efficient business processes.

► **Table 4-1: Projected Three-Year Revenues (FY 2016 - FY 2018)**

Revenue Sources	FY 2016	FY 2017	FY 2018	Program Total (FY 2016 - FY 2018)
CPR Trust Fund Annual Revenue ^{1,2}	\$27,600,000	\$27,900,000	\$28,400,000	\$83,900,000
CPR Trust Fund Carried Forward	\$11,297,895	\$0	\$0	\$11,297,895
GOMESA ¹	\$80,775	\$80,775	\$140,000,000	\$140,161,550
DOTD Interagency Transfer ¹	\$4,000,000	\$4,000,000	\$4,000,000	\$12,000,000
DOTD Interagency Transfer - Projects	\$277,633	\$138,817	\$0	\$416,450
CWPPRA Federal Funds ³	\$72,337,669	\$75,214,854	\$75,168,429	\$222,720,952
CIAP	\$79,571,255	\$17,997,486	\$0	\$97,568,741
Surplus '07, '08, '09	\$218,204,372	\$68,050,495	\$27,581,400	\$313,836,268
Community Development Block Grants	\$11,800,838	\$4,940,749	\$0	\$16,741,587
Capital Outlay Funds	\$9,599,885	\$0	\$0	\$9,599,885
Deepwater Horizon NRDA	\$151,229,000	\$92,812,699	\$9,981,161	\$254,022,860
NFWF	\$153,163,709	\$15,191,510	\$9,275,194	\$177,630,413
Proposed RESTORE Revenues	\$28,954,397	\$24,483,191	\$78,474,156	\$131,911,744
LDNR Mitigation Funds ⁴	\$800,000	\$0	\$0	\$800,000
LDNR Beneficial Use Funds ⁴	\$500,000	\$0	\$0	\$500,000
Iberia Parish IGA ⁵	\$380,000	\$0	\$0	\$380,000
St. Mary Levee District Funds ⁶	\$875,000	\$0	\$0	\$875,000
MOEX Settlement ⁷	\$3,226,712	\$435,847	\$1,409,400	\$5,071,959
OCD-DRU Grant ⁸	\$675,000	\$0	\$0	\$675,000
Berm to Barrier ⁹	\$99,544	\$104,612	\$99,687	\$303,843
OM&M Federal Funds ¹⁰	\$36,725,819	\$29,835,671	\$17,246,556	\$83,808,046
FEMA Claims for OM&M ^{11,12}	\$1,510,886	\$0	\$0	\$1,510,886
FEMA Claims for Isaac Beach and Dune Project Repair ¹³	\$34,562,851	\$34,562,851	\$0	\$69,125,702
Additional Funding for Isaac Beach and Dune Project Repair	\$11,390,037	\$11,260,793	\$0	\$22,650,830
LOSCO Funding ¹⁴	\$1,200,000	\$0	\$0	\$1,200,000
RESTORE Adaptive Management	\$2,400,000	TBD	TBD	\$2,400,000
Project Billing	\$21,000,000	\$21,000,000	\$21,000,000	\$63,000,000
Capital Outlay Request Submitted for HSDRRS 30-Year Payback	\$0	\$0	\$0	\$0
Total Projected Revenue	\$883,463,278	\$428,010,350	\$412,635,983	\$1,724,109,611

Notes

1. Annually recurring revenue source to be spent in accordance with the Louisiana Constitution, specifically State Law Section 214.5.4(E) and the provisions within paragraph (3).
2. Revenue forecast tied to mineral revenue.
3. Represents anticipated Federal reimbursement for CWPPRA projects led by CPRA in which the State is initially incurring more than its 15% cost share during project implementation.
4. Supplemental funding to augment construction of eligible projects (specific projects to be determined at a later date).
5. Used to partially fund TV-0057.
6. Used to partially fund TV-0052-2.
7. Represents anticipated balance as of FY 2016 of an initial deposit of \$6.75 million of funds from the MOEX settlement.
8. Used to fund Coastal Community Resiliency Program.
9. Used to fund monitoring of constructed Berm to Barrier projects.
10. Represents anticipated Federal reimbursement for CWPPRA and WRDA OM&M activities led by CPRA in which the State is initially incurring more than its cost share during project implementation.
11. Represents anticipated claims associated with recovery from past disasters which has been obligated by FEMA.
12. CPRA is pursuing FEMA recovery funding through the FEMA appeals process to restore the form and function of the Coastal Barrier Island Resource System (CBRS) units S01-S08 which were lost as a result of Hurricane Katrina. The cumulative cost of this restoration is estimated to be on the order of \$500 million.
13. Represents anticipated claims from FEMA recovery funds through the FEMA appeals process to restore various beach and dune restoration projects damaged by Hurricane Isaac.
14. Represents reimbursement of expenditures for CPRA oil spill response activities.

► Table 4-2: Projected Three-Year Expenditures¹ (FY 2016 - FY 2018)

Program / Funding Source	FY 2016	FY 2017	FY 2018	Program Total (FY 2016 - FY 2018)
CWPPRA State Expenditures <i>(not including surplus expenditures)</i> ²	\$17,351,129	\$14,785,146	\$14,831,571	\$46,967,846
CWPPRA Federal Expenditures ³	\$72,337,669	\$75,214,854	\$75,168,429	\$222,720,952
WRDA Project Expenditures <i>(not including surplus or CIAP expenditures)</i>	\$0	\$0	\$0	\$0
CIAP Projects and Program Expenditures <i>(not including surplus expenditures)</i>	\$79,571,255	\$17,997,486	\$0	\$97,568,741
Surplus Projects and Program Expenditures	\$218,204,372	\$68,050,495	\$27,581,400	\$313,836,268
Community Development Block Grants	\$11,800,838	\$4,940,749	\$0	\$16,741,587
HSDRRS 30-Year Payback ⁴	\$0	\$0	\$0	\$0
MOEX Project Expenditures	\$3,226,712	\$435,847	\$1,409,400	\$5,071,959
DOTD Interagency Transfer - HNC Deepening Expenditures	\$277,633	\$138,817	\$0	\$416,450
Capital Outlay Project Expenditures	\$9,599,885	\$0	\$0	\$9,599,885
State-Only Project Expenditures <i>(non-surplus)</i>	\$2,166,000	\$136,000	\$136,000	\$2,438,000
Deepwater Horizon NRDA Expenditures	\$151,229,000	\$92,812,699	\$9,981,161	\$254,022,860
NFWF Expenditures <i>(not including surplus expenditures)</i>	\$153,163,709	\$15,191,510	\$9,275,194	\$177,630,413
Proposed RESTORE Expenditures <i>(not including surplus expenditures)</i>	\$28,954,397	\$24,483,191	\$78,474,156	\$131,911,744
LDNR Mitigation Expenditures ⁵	\$800,000	\$0	\$0	\$800,000
LDNR Beneficial Use Expenditures ⁵	\$500,000	\$0	\$0	\$500,000
Iberia Parish IGA Expenditures ⁶	\$380,000	\$0	\$0	\$380,000
St. Mary Levee District Expenditures ⁷	\$875,000	\$0	\$0	\$875,000
OM&M - State Expenditures <i>(not including surplus or CIAP expenditures)</i>	\$7,009,200	\$8,280,149	\$7,334,049	\$22,623,398
OM&M - Federal Expenditures ⁸	\$36,725,819	\$29,835,671	\$17,246,556	\$83,808,046
OM&M - Marine Debris Removal <i>(partially reimbursed by FEMA)</i> ⁹	\$1,640,130	\$0	\$0	\$1,640,130
OM&M - Isaac Beach and Dune Recovery <i>(partially reimbursed by FEMA)</i> ¹⁰	\$45,823,644	\$45,823,644	\$0	\$91,647,288
Project Support	\$4,100,000	\$4,000,000	\$4,000,000	\$12,100,000
Operating Costs (see Tables 4-3 and 4-4)	\$38,210,731	\$46,936,966	\$50,704,118	\$135,851,815
Total Projected Expenditures	\$883,947,124	\$449,063,224	\$296,142,034	\$1,629,152,382

Notes

1. Represents proposed expenditures provided that commensurate level of funding is received.
2. Because CWPPRA projects compete for funding annually, CWPPRA expenditures as presented in Appendix B (which include projected expenditures for approved projects only) do not adequately capture likely CWPPRA expenditures in outlying years. The State's estimated CWPPRA expenditures for FY 2017 - FY 2018 are therefore based on prior years' expenditures.
3. Represents anticipated Federal reimbursement for CWPPRA projects led by CPRA in which the State is initially incurring more than its 15% cost share during project implementation.
4. Payback is based on current HSDRRS construction schedule; payback will not commence until completion of HSDRRS construction activities. According to current estimates, payback will commence in September 2019 with an estimated annual payment of \$98.4 million.
5. Supplemental funding to augment construction of eligible projects (specific projects to be determined at a later date).
6. Used to partially fund TV-0057.
7. Used to partially fund TV-0052-2.
8. Represents anticipated Federal reimbursement for CWPPRA and WRDA OM&M activities led by CPRA in which the State is initially incurring more than its cost share during project implementation.
9. Represents anticipated reimbursement associated with recovery from past disasters which has been obligated by FEMA.
10. Represents anticipated reimbursement of FEMA recovery funds through the FEMA appeals process to restore various beach and dune restoration projects damaged by Hurricane Isaac.

► **Table 4-3: Programmatic Projected Three-Year Expenditures (FY 2016 - FY 2018)**

Program	FY 2016	FY 2017	FY 2018	Program Total (FY 2016 - FY 2018)
Ongoing Program Expenditures				
Beneficial Use Program ¹	\$4,000,000	\$2,000,000	\$2,000,000	\$8,000,000
Barrier Island Maintenance Program ¹	\$361,825	\$0	\$0	\$361,825
Vegetative Plantings	\$400,000	\$400,000	\$400,000	\$1,200,000
Assistance to Levee Authorities	\$250,000	\$1,000,000	\$1,000,000	\$2,250,000
Restoration Partnerships	\$1,000,000	\$1,000,000	\$1,000,000	\$3,000,000
Total Ongoing Programs Expenditures	\$6,011,825	\$4,400,000	\$4,400,000	\$14,811,825
Adaptive Management Expenditures				
Project Development and Implementation Program	\$0	\$350,000	\$350,000	\$700,000
Innovative Programs ¹	\$10,000,000	\$1,000,000	\$1,000,000	\$12,000,000
Non-structural Program Development ¹	\$2,700,000	\$0	\$0	\$2,700,000
Louisiana Coastal Engineering, Research and Education	\$40,000	\$300,000	\$300,000	\$640,000
Event Driven Ad-Hoc Research	\$0	\$350,000	\$350,000	\$700,000
Coastal Science Assistantship Program	\$300,000	\$300,000	\$300,000	\$900,000
Coastal Innovation Partnership Program	\$0	\$200,000	\$200,000	\$400,000
Master Plan Advisory Committees	\$305,000	\$165,000	\$0	\$470,000
Project and Ad-Hoc Advisory Boards	\$0	\$550,000	\$550,000	\$1,100,000
Model Development and Maintenance ²	\$5,700,000	\$2,875,000	\$900,000	\$9,475,000
Implementation Models	\$0	\$750,000	\$750,000	\$1,500,000
Small Scale Physical Model ³	\$500,000	\$500,000	\$500,000	\$1,500,000
SWAMP Development ²	\$600,000	\$600,000	\$600,000	\$1,800,000
Fisheries ³	\$1,250,000	\$2,250,000	\$2,500,000	\$6,000,000
Regional Geology and Sediment Management	\$0	\$750,000	\$750,000	\$1,500,000
SWAMP Implementation ¹	\$7,500,000	\$12,500,000	\$15,000,000	\$35,000,000
Event Driven Ad-Hoc Monitoring	\$0	\$350,000	\$400,000	\$750,000
Barrier Island Comprehensive Monitoring ¹	\$2,800,000	\$2,250,000	\$2,300,000	\$7,350,000
CRMS - Wetlands ³	\$1,750,000	\$1,250,000	\$1,250,000	\$4,250,000
Flood Protection Inspections / Analysis	\$250,000	\$2,700,000	\$2,700,000	\$5,650,000
Data Management ²	\$2,000,000	\$2,350,000	\$2,350,000	\$6,700,000
Monitoring Data Interpretations	\$0	\$650,000	\$750,000	\$1,400,000
Workshop and Conference Development	\$125,000	\$125,000	\$150,000	\$400,000
Youth Wetlands Education and Outreach Program	\$500,000	\$500,000	\$500,000	\$1,500,000
Total Adaptive Management Expenditures	\$36,320,000	\$33,615,000	\$34,450,000	\$104,385,000
TOTAL Programmatic Expenditures	\$42,331,825	\$38,015,000	\$38,850,000	\$119,196,825
Programmatic Surplus Expenditures	\$31,338,883	\$15,339,597	\$17,339,597	\$64,018,077
Programmatic NFWF Expenditures	\$3,487,500	\$6,443,726	\$1,511,574	\$11,442,800
Programmatic Operations Expenditures	\$7,505,442	\$16,231,677	\$19,998,829	\$43,735,948
Notes				
1. FY 2016 expenditures fully funded by surplus funds.				
2. FY 2016 expenditures partially funded by surplus funds.				
3. FY 2016 expenditures funded by NFWF Adaptive Management Funds.				

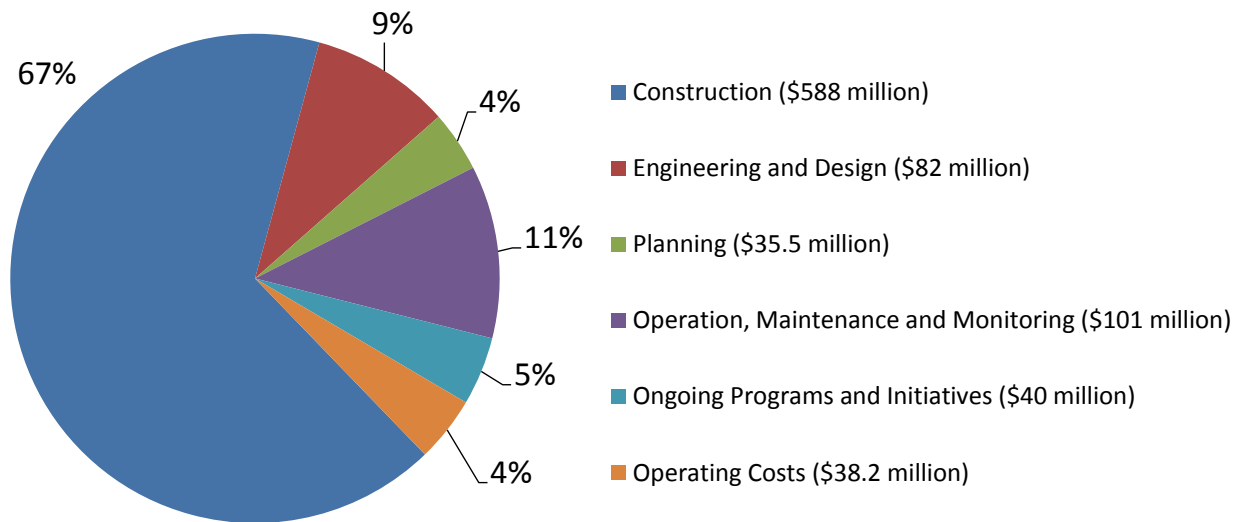
► **Table 4-4: State Protection and Restoration Projected Three-Year Operating Expenditures (FY 2016 - FY 2018)**

Program	FY 2016	FY 2017	FY 2018	Program Total (FY 2016 - FY 2018)
CPRA	\$23,529,106	\$23,529,106	\$23,529,106	\$70,587,318
OCM ¹	\$2,902,134	\$2,902,134	\$2,902,134	\$8,706,402
Office of the Governor - Coastal Activities	\$1,397,730	\$1,397,730	\$1,397,730	\$4,193,190
DNR Secretary (OMF Back Office Support)	\$2,691,319	\$2,691,319	\$2,691,319	\$8,073,957
Office of the Attorney General	\$185,000	\$185,000	\$185,000	\$555,000
Total Operating Costs	\$30,705,289	\$30,705,289	\$30,705,289	\$92,115,867

Notes

1. Includes \$75,000 per fiscal year for support of the Louisiana Department of Wildlife and Fisheries.

► **Figure 4-1: Projected FY 2016 Expenditures by Project Phase**

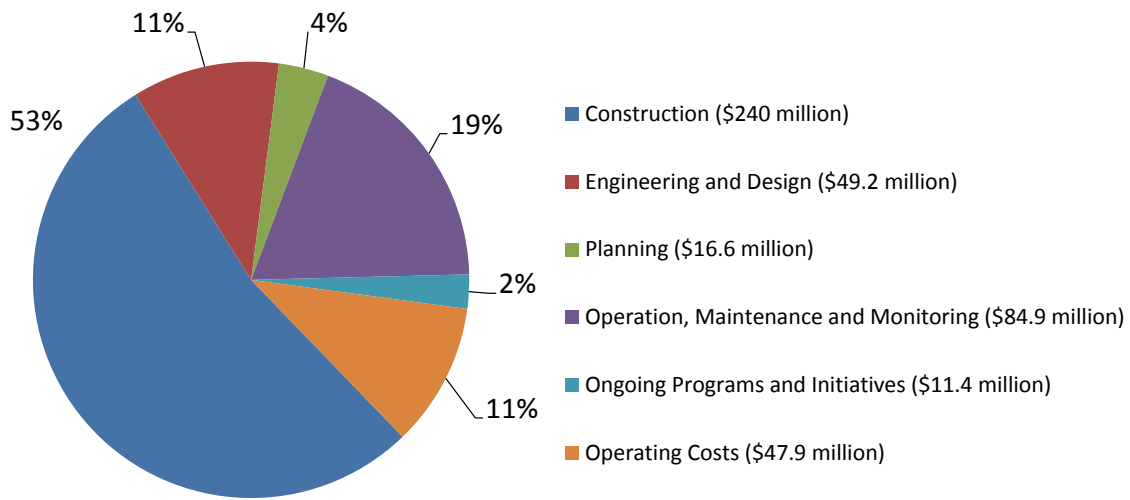


Notes

- Construction includes Beneficial Use (\$4 million)
- OM&M includes BIMP (\$361,000). Repair/Rehabilitation of Projects (\$1.1 million), Marine Debris Removal (\$1.6 million), and Isaac Beach and Dune Recovery (\$45.8 million).
- Ongoing Programs Includes Project Support (\$4.1 million)

TOTAL Expenditures
\$884 million

► **Figure 4-2: Projected FY 2017 Expenditures by Project Phase**

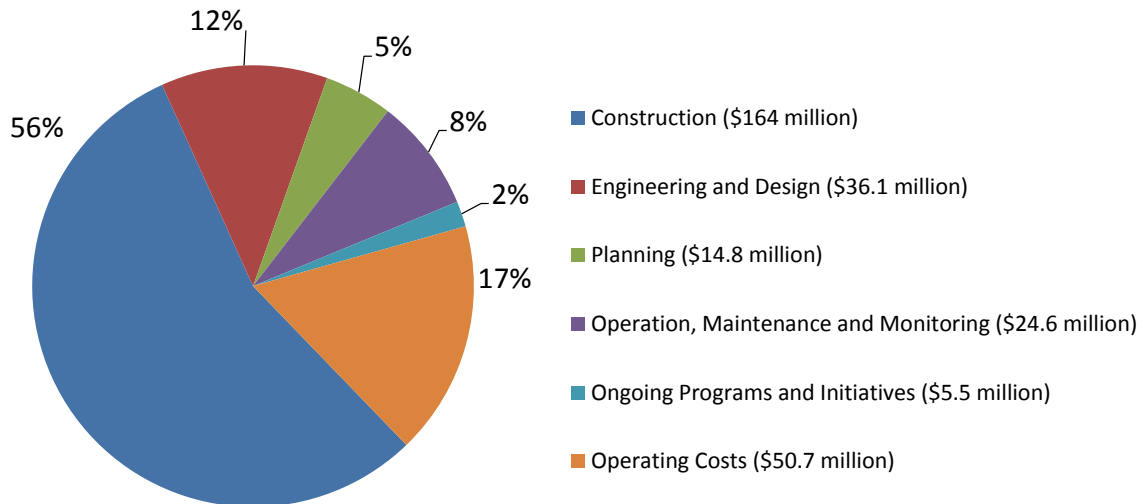


Notes

- Construction includes Beneficial Use (\$2 million)
- Engineering and Design and Construction include CWPPRA adjustment for outlying years (see Table 4-2 for explanation)
- OM&M includes Isaac Beach and Dune Recovery (\$45.8 million)
- Ongoing Programs includes Project Support (\$4 million)

TOTAL Expenditures
\$449 million

► **Figure 4-3: Projected FY 2018 Expenditures by Project Phase**



Notes

- Construction includes Beneficial Use (\$2 million)
- Engineering and Design and Construction include CWPPRA adjustment for outlying years (see Table 4-2 for explanation)
- Ongoing Programs includes Project Support (\$4 million)

TOTAL Expenditures
\$296 million