Construction

Appropriations Language

For construction, improvement, acquisition, or removal of buildings and other facilities required in the conservation, management, investigation, protection, and utilization of fishery and wildlife resources, and the acquisition of lands and interests therein; [$37,439,000] *$23,737,000*, to remain available until expended[: Provided, That funds provided under this heading in Public Law 111-8, division E for Kealia Pond National Wildlife Refuge, Nisqually National Wildlife Refuge, Patuxent Research Refuge, Tennessee National Wildlife Refuge, and Mammoth Springs National Fish Hatchery may be reallocated to acquire migratory bird survey aircraft and for construction at Neosho National Fish Hatchery]. *(Department of the Interior, Environment, and Related Agencies Appropriations Act, 2010.)*

Justification of Language Change

Deletion: "Provided, That funds provided under this heading in Public Law 111-8, division E for Kealia Pond National Wildlife Refuge, Nisqually National Wildlife Refuge, Patuxent Research Refuge, Tennessee National Wildlife Refuge, and Mammoth Springs National Fish Hatchery may be reallocated to acquire migratory bird survey aircraft and for construction at Neosho National Fish Hatchery"

The language refers to a reprogramming in 2009 that was one-time in nature; therefore the language is no longer necessary.

Authorizing Statutes

Recreation Use of Conservation Areas Act of 1962 (16 U.S.C. 460k-460k-4). Commonly known as the Refuge Recreation Act of 1962, authorizes development of fish and wildlife areas for recreational use, including land acquisition and facilities construction and management.

National Wildlife Refuge System Administration Act of 1966, *as amended* (16 U.S.C. 668dd-668ee). Authorizes the Secretary of the Interior to award contracts for the provision of public accommodations of the National Wildlife Refuge System. It was amended by the National Wildlife Refuge System Improvement Act of 1997 (P.L. 105-57).

Migratory Bird Conservation Act (16 U.S.C. 715k). Provides for land acquisition, construction, maintenance, development, and administration for migratory bird reservations.

Fish and Wildlife Act of 1956 (16 U.S.C. 742a-742f). Authorizes the development, management, advancement, conservation, and protection of fish and wildlife resources, including the acquisition and development of existing facilities.

Comprehensive Environmental Response, Compensation, and Liability Act, as amended (42 U.S.C. 9601, et seq.). Authorizes trustees for natural resources to recover costs associated with hazardous materials removal, remediation, cleanup, or containment activities.

Federal Facilities Compliance Act (50 U.S.C. 1941). Requires federal agencies to comply with federal, state, and local solid and hazardous waste laws in the same manner as any private party.

Pollution Prevention Act of 1990, (P.L. 101-508) as amended (42 U.S.C. 13101, 13101 note, 13102-13109). Requires pollution that cannot be prevented at the source to be recycled in an environmentally sound manner, and disposal as a last resort.

Solid Waste Disposal Act (P.L. 89-272, 79 Stat. 997, as amended by the Resource Conservation and Recovery Act). Mandates that federal agencies divert solid waste from disposal in landfills through waste prevention and recycling at the rate of 45 percent by 2005 and 50 percent by 2010.

Earthquake Hazards Reduction Act of 1977 (42 U.S.C. 7701 -7706). Establishes an earthquake hazards reduction program.

National Dam Safety Program Act (P.L. 104-303 as amended by the Dam Safety and Security Act of 2002, P.L. 107-310). Provides for Federal agencies to implement the Federal Guidelines for Dam Safety, which established management practices for dam safety at all Federal agencies.

National Energy Conservation Policy Act of 1978 (P.L. 95-619, as amended, and 92 Stat. 3206, 42 U.S.C. 8252 et seq.). Establishes an energy management program in the federal government and directs federal agencies to perform energy surveys and implement energy conservation opportunities to reduce consumption of nonrenewable energy resources in buildings, vehicles, equipment, and general operations.

Federal Energy Management Improvement Act of 1988 (P.L. 100-615, November 5, 1998). Promotes the conservation and efficient use of energy throughout the federal government.

Energy Policy Act of 2005 (EPACT) (P.L. 109-58, August 8, 2005). Extends previous Congressional direction to Federal facility managers with even greater goals of energy efficiency improvements in existing and new facilities, mandates increased use of renewable energy sources, sustainable building design and construction, metering of all Federal buildings, and procurement of *Energy Star* equipment. This legislation contains energy efficiency tax credits and new ways to retain energy savings.

Energy Independence and Security Act of 2007 (EISA) (P.L. 110-140, December 19, 2007). Intends to move the United States toward greater energy independence and security; increase production of clean renewable fuels; protect consumers; increase the efficiency of products, buildings, and vehicles; promote research on and deploy greenhouse gas capture and storage options; and improve the energy performance of the Federal Government. The Act sets Federal energy management requirements in several areas, including: energy reduction goals for Federal buildings, facility management and benchmarking, performance standards for new building and major renovations, high-performance buildings, energy savings performance contracts, metering, energy-efficient product procurement, reporting, and reducing petroleum while increasing alternative fuel use.

Omnibus Appropriations Act of 2009 (P.L. 111-8, March 11, 2009; 123 Stat. 527). Section 748 codifies Executive Order 13423. "Executive Order 13423 (72 Fed. Reg. 3919; Jan. 24, 2007) shall remain in effect hereafter except as otherwise provided by law after the date of the enactment of this Act."

(16 U.S.C. 695k-695r). Provides for limitations on reduction of areas by diking or other construction in California and Oregon in the case of migratory waterfowl and other refuges, as well as other construction provisions.

(16 U.S.C. 760-760-12). Provides for the construction, equipping, maintenance, and operation of several named fish hatcheries.

(23 U.S.C. 144 and 151). Requires bridges on public highways and roads to be inspected.

Executive Orders

Presidential Memorandum of October 4, 1979. Directs all federal agencies to adopt and implement the Federal Guidelines for Dam Safety as prepared by the Federal Coordinating Council for Science, Engineering, and Technology. (Secretary of the Interior Order No. 3048, implements and assigns responsibility for a Department-wide dam safety program in accordance with the President's memorandum).

Executive Order 12088 (October 13, 1978). Requires agencies to ensure that facilities comply with applicable pollution control standards; ensure that sufficient funds for environmental compliance are requested in their budgets; and include pollution control projects in an annual pollution abatement budget plan.

Executive Order 12941 for Seismic Risk Safety (December 1994). Adopts minimum standards for seismic safety, requires federal agencies to inventory their owned/leased buildings and estimate the cost of mitigating unacceptable seismic risks.

Executive Order 12699, Seismic Safety of Federal and Federally Assisted or Regulated New Building Construction. Covers the new construction portion of *The Earthquake Hazards Reduction Act of 1977* (P.L. 95-124).

Executive Order 13031, Federal Alternative Fueled Vehicle Leadership (December 31, 1996). Mandates that the federal government demonstrate leadership in Alternative Fuel Vehicle (AFV) use and ensures that 75 percent of new light-duty vehicles leased or purchased in FY 2000 and subsequent years in urban areas are alternative fuel vehicles.

Presidential Memorandum, Energy Conservation at Federal Facilities (May 3, 2001). Directs agencies to take appropriate actions to conserve energy use at their facilities to the maximum extent consistent with the effective discharge of public responsibilities. Agencies located in regions where electricity shortages are possible should conserve especially during periods of peak demand.

Presidential Memorandum, Energy and Fuel Conservation by Federal Agencies (September 26, 2005). Directs Federal agencies to take immediate actions to conserve energy and fuel use throughout Federal facilities and the motor fleet.

Memorandum of Understanding for Federal Leadership in High Performance and Sustainable Buildings (signed January 25, 2006, by the Deputy Secretary of the Interior; Final High Performance and Sustainable Buildings Guidance, including revision to the Guiding Principles for Sustainable New Construction and Major Renovations, and for new guidance for Sustainable Existing Buildings, was published by the Office of the Federal Environmental Executive on December 1, 2008.). It proactively addresses the requirements of EPACT 2005 by requiring all new appropriate buildings constructed or major building retrofits completed after FY 2006 to: (1) employ integrated design principles (new buildings); employ integrated assessment, operation, and management principles (existing buildings); (2) optimize energy performance; (3) protect and conserve both indoor and outdoor water; (4) enhance indoor environmental quality; and (5) reduce the environmental impact of materials.

Executive Order 13423, Strengthening Federal Environmental, Energy, and Transportation Management (January 24, 2007). [E.O. 13423 rescinds several previous E.O.s, including E.O. 13101, E.O. 13123, E.O. 13134, E.O. 13148, and E.O. 13149.] The Executive Order directs Federal agencies to implement sustainable practices for: energy efficiency and reductions in greenhouse gas emissions use of renewable energy; reduction in water consumption intensity; acquisition of green products and services; pollution prevention, including reduction or elimination of the use of toxic and hazardous chemicals and materials; cost effective waste prevention and recycling programs; increased diversion of solid waste; sustainable design/high performance buildings; vehicle fleet management, including the use of alternative fuel vehicles and alternative fuels and the further reduction of petroleum consumption; and electronics stewardship. In addition, the Order requires more widespread use of Environmental Management Systems (EMS) as the framework in which to manage and continually improve these sustainable practices. It is supplemented by Implementing Instructions issued on March 29, 2007 by the Council on Environmental Quality, and authorizes OMB to track agencies' progress on Executive Order and EPACT goals through three management scorecards on environmental stewardship, energy, and transportation.

Executive Order 13514, Federal Leadership in Environmental, Energy, and Economic Performance (October 5, 2009). This Executive Order expands on the energy reduction and environmental performance requirements of Executive Order 13423 and establishes an integrated strategy towards sustainability and reduction goals for greenhouse gas emissions, water consumption, petroleum consumption, recycling and diversion of materials. It further defines requirements for sustainability in buildings and leases, sustainable acquisition, and electronic stewardship among others.

Justification of Fixed Costs and Related Changes

	2010 Budget	2010 Revised	2011 Fixed Costs and Related Changes
Additional Operational Costs from 2010 and 2011 January Pay Raises			
1. 2010 Pay Raise, 3 Quarters in 2010 Budget	+$102	+$102	NA
Amount of pay raise absorbed	*[$0]*	*[$0]*	NA
2. 2010 Pay Raise, 1 Quarter (Enacted 2.0%)	NA	NA	NA
Amount of pay raise absorbed			*[$32]*
3. 2011 Pay Raise (Assumed 1.4%)	NA	NA	NA
Amount of pay raise absorbed			*[$66]*

These adjustments are for an additional amount needed to fund estimated pay raises for Federal employees.

Line 1 2010 Revised column is an update of the 2010 budget estimates based upon the 2010 Enacted amount of 2.0%.

Line 2 is the amount needed in 2011 to fund the enacted 2.0% January 2010 pay raise from October through December 2010.

Line 3 is the amount needed in 2011 to fund the estimated 2.0% January 2010 pay raise from January through September 2011.

The estimated cost increase will be absorbed through increased efficiencies such as delayering organizations, re-examining position grades, management streamlining, and business process improvement.

	2010 Budget	2010 Revised	2011 Fixed Costs and Related Changes
Other Fixed Cost Changes			
One Less Paid Day	NA	NA	NA

The number of paid days is constant from 2010 to 2011.

Non-Foreign Area COLA – Locality Pay Adjustment			NA
Amount of Non-Foreign Area COLA – Locality Pay Adjustment absorbed		*[$3]*	*[$7]*

This adjustment is for changes to pay and benefits for Federal employees stationed in U.S. States, territories, and possessions outside the continental United States. Specifically, the Nonforeign Area Retirement Equity Assurance Act, as contained in subtitle B (sections 1911-1919) or title XIX of the National Defense Authorization Act (NDAA) for Fiscal Year 2010 (P.L. 111-84) transitions the nonforeign area cost-of-living allowance (COLA) authorized under 5 U.S.C. 5941(a)(1) to locality pay authorized under 5 U.S.C. 5304 in the nonforeign areas as listed in 5 CFR 591.205. The act also extends locality pay to American Samoa and other nonforeign territories and possessions of the United States where no COLA rate applies. The estimated cost increase will be absorbed.

Employer Share of Federal Health Benefit Plans	+$24	+$24	NA
Amount of health benefits absorbed	*[$0]*	*[$0]*	*[$33]*

The 2010 adjustment is for changes in Federal Government's share of the cost of health insurance coverage for Federal employees. For 2011, the increase is estimated at 7.0%. The estimated cost will be absorbed.

Rental Payments	-$2	-$2	NA
Amount of rental payments absorbed	*[$0]*	*[$0]*	*[$14]*

The adjustment is for changes in the costs payable to General Services Administration and others resulting from changes in rates for office and non-office space as estimated by GSA, as well as the rental costs of other currently occupied space. These costs include building security; in the case of GSA space, these are paid to DHS. Costs of mandatory office relocations, i.e. relocations in cases due to external events there is no alternative but to vacate the currently occupied space, are also included. The estimated cost increase will be absorbed.

Appropriation: Construction

	2009 Actual	2009 Recovery Act	2010 Enacted	2011			Change from 2010 (+/-)
				DOI-wide Changes & Transfers (+/-)	Program Changes (+/-)	Budget Request	
Nationwide Engineering Services* ($000)	8,970		9,161	0	0	9,161	0
Bridge and Dam Safety Programs ($000)	1,350		1,855	0	0	1,855	0
Line Item Construction Projects ($000)	25,267		26,423	0	-13,702	12,721	-13,702
Recovery Act ($000)		115,000					
Subtotal ($000)	**35,587**	**115,000**	**37,439**	**0**	**-13,702**	**23,737**	**-13,702**
Anadromous Fish: Cancellation of Unobligated Balances ($000)	-54		0			0	
Total, Construction ($000)	**35,533**	**115,000**	**37,439**	**0**	**-13,702**	**23,737**	**-13,702**
FTE	**97**	**[36]**	**97**	**0**	**0**	**97**	**0**

*Nationwide Engineering Services includes: Core Engineering Services; User Cost Share; Environmental Compliance Management; Seismic Safety Program; and Waste Prevention, Recycling and EMS.

Summary of 2011 Program Changes for Construction

Request Component	($000)	FTE
Reduce Line Item Construction	-13,702	0
Total, Program Changes	**-13,702**	**0**

Justification of 2011 Program Changes

The 2011 budget request for the Construction program is $23,737,000 and 97 FTE, a net program change of -$13,702,000 and 0 FTE from the 2010 Enacted.

Decrease Line-Item Construction Projects (-$13,702,000/+0 FTE) – A total of $12,721,000 is requested for line-item construction projects. This represents a decrease of $13,702,000 from the 2010 Enacted. The American Recovery and Restoration Act (ARRA) provided $115 million for construction projects. This funding level is three times the Service's average Line-Item Construction budget. As the Service continues implementing ARRA funded projects in 2011, the FWS only requests additional construction funds to address the highest priority projects not on the ARRA list. Individual projects are selected using merit-based criteria, including accepted industry ranking standards and the Department of the Interior's approved ranking criteria. The projects were approved by the Service's Investment Review Board and documented within a comprehensive 5-year priority list. Projects proposed for 2011 are summarized by program in the following table:

2011 Construction Project Listing by Program

DOI Rank Score	Reg	Station	State	Project Title/Description	Request ($000s)
National Wildlife Refuge System (NWRS)					
1000	1	Turnbull NWR	WA	Lower Pine Lake Dam – Phase II [d/cc]	1,250
813	8	Kern NWR	CA	Poso Creek Weir [p/d/cc]	550
805	4	Pond Creek NWR	AR	Maintenance Shop [p/d/cc]	1,030
633	8	San Luis NWR	CA	Water Monitoring Stations [p/d/cc]	245
625	N/A	NWRS Service-wide	N/A	Visitor Facility Enhancements	1,309
625	N/A	NWRS Service-wide	N/A	Green Energy Projects	1,500
584	7	Kenai NWR	AK	HQ/Visitor Facility – Phase I [p/d/ic]	2,448
Subtotal, NWRS					**8,332**
National Fish Hatchery System (NFHS)					
798	2	Alchesay NFH	AZ	Replace Water Supply Pipeline [p/d/cc]	2,439
738	5	Green Lake NFH	ME	Replace UV Disinfection System [d/cc]	1,300
625	N/A	NFHS Service-wide	N/A	Visitor Facility Enhancements	400
625	N/A	NFHS Service-wide	N/A	Green Energy Projects	250
Subtotal, NFHS					**4,389**
Dam and Bridge Safety					
N/A	9	Service-wide	N/A	Dam Safety Program and Inspections	1,115
N/A	9	Service-wide	N/A	Bridge Safety Program and Inspections	740
Subtotal, Dam and Bridge Safety					**1,855**
Nationwide Engineering Services (NES)					
N/A	9	Service-wide	N/A	Core Engineering Services	5,485
N/A	9	Service-wide	N/A	Seismic Safety Program	120
N/A	9	Service-wide	N/A	Environmental Compliance Management	1,000
N/A	9	Service-wide	N/A	Waste Prevention, Recycling, and EMS	100
N/A	9	Service-wide	N/A	User Cost Share	2,456
Subtotal, Nationwide Engineering Services					**9,161**
TOTAL, CONSTRUCTION					**23,737**

Notes: p = planning, d = design, c = construction, cc = complete construction, and i = initiate a phase

Program Overview

The Construction program request consists of the following activities and sub-activities:

- Nationwide Engineering Services:
  - Core Engineering Services
  - Seismic Safety Program
  - Environmental Compliance Management
  - Waste Prevention, Recycling, and Environmental Management Systems (EMS)
  - Energy Program Management
  - User Cost Share
- Dam Safety Program and Inspections
- Bridge Safety Program and Inspections
- Line-Item Construction Projects

Nationwide Engineering Services (NES). NES is comprised of four sub-activities: Core Engineering Services; the Seismic Safety Program; Environmental Compliance Management; and Waste Prevention, Recycling and Environmental Management Systems. (Energy Program Management is funded by Core Engineering Services.) Work in these areas is performed by staff assigned to the Division of Engineering (DEN), a component of the Assistant Director – Business Management and Operations' organization, and the Regional Engineering Offices, located at each of the Service's eight regional offices.

Core Engineering Services (CES). Engineering program costs are reimbursed through a combination of direct charges against the Construction Appropriation, deferred maintenance, ROADs and other reimbursable projects. Approximately 49% of engineering FTEs are funded via CES funding. The balance of FTEs is funded by charges against specific projects. Service Engineers use a project-based accounting system to account for and seek reimbursement for design and construction management services. CES funding supplements project-specific reimbursements to cover staff and office costs that cannot be charged against projects. Such costs include: 1) management/administration of the Engineering program in the Regional and Washington Offices, and 2) annual staff costs required to provide engineering technical assistance for which funds are not otherwise available.

Seismic Safety Program. *The Earthquake Hazards Reductions Act of 1977* is intended to reduce risk to life and property from future earthquakes in the United States through establishment of an effective earthquake hazards reduction program. Executive Order 12699, Seismic Safety of Federal and Federally Assisted or Regulated New Buildings Construction, covers the new construction portion of the Act. Executive Order 12941 requires that Federal agencies inventory existing buildings and estimate the cost of mitigating unacceptable seismic risks. The Service has more than 5,000 buildings located in high, moderate and low seismic zones. Seismic Safety Program funds are for implementation and oversight of the nationwide Seismic Safety Program only. Funding to complete seismic safety structural repairs is requested by the Regional Directors separately as individual line-item construction projects.

Environmental Compliance Management. The DEN ensures that Service facilities and activities comply with new and existing Federal, State, and local environmental laws and regulations as required by the Federal Facility Compliance Act. Federal managers can receive "Notices of Violation" and may be fined for noncompliance with environmental laws. In addition, irresponsible Federal employees can be criminally charged for violation of environmental laws. The DEN also provides technical assistance to Regional Offices and field stations for environmental cleanups, compliance policy, training, environmental compliance audits, Environmental Management Systems (EMS) conformance audits, and environmental compliance.

Waste, Prevention, Recycling, and Environmental Management Systems. Funding is used to support implementation of Executive Orders 13423 and 13514, manage the "Greening the Government" program outlined in the Department of the Interior's Strategic Plan, and carry out associated waste prevention, recycling, and other actions outlined in the Department's Action Plan. The Waste, Prevention, Recycling, and Environmental Management Systems Program objectives include: continuing to implement and maintain EMS at appropriate organizational levels; reducing waste by-products; increasing the recycled content of materials used by the Service in accordance with the opportunities identified in prior years; and reducing the use of toxic/hazardous chemicals and materials.

Sustainability and Energy Management Program. The Service provides the Department of the Interior and the Department of Energy (DOE) with an annual report documenting the Service's

progress in reducing energy, fuel, and water consumption. Service engineers provide technical advice to regional and field staffs on ways to reduce energy consumption, take advantage of renewable energy sources, test appropriate building designs to ensure that they are energy efficient, and identify high return-on-investment energy efficiency projects that may be funded either under the Resource Management Appropriation or the Construction Appropriation. The Service relies on CES funding to manage these activities. However, with over 7,000 Service-owned buildings, 400 leased buildings and a fleet of 7,100 vehicles dispersed over hundreds of locations, a concentrated and sustained effort will have to be undertaken to meet Service and DOI goals, as well as mandates being phased in over the next 5-10 years. These mandates include:

- Conducting comprehensive energy and water evaluations of operations, required by Section 432 of the Energy Independence and Security Act of 2007 (EISA);
- Incorporating sustainable practices in 15 percent of the Service's existing buildings by the end of 2015; all new construction must achieve these same standards, with larger buildings receiving certification through a third-party rating system (e.g., Leadership in Energy and Environmental Design, LEED, E.O. 13423);
- Reducing energy intensity of 30 percent by 2015 (The Energy Policy Act of 2005);
- Achieving greenhouse gas reduction targets (E.O. 13514);
- Achieving reductions in fleet fuel usage, adding meters to buildings and other energy using operations, energy efficient procurement (EISA); and
- Assuring that all major new and renovation projects comply with the energy savings guidelines contained in the Implementing Instructions of Executive Orders 13423 and 13514, as well as applicable DOE guidelines.

Engineering will continue to collect data on energy and other sustainability-related matters in order to report on energy reduction goals and sustainability achievements until a more comprehensive program is implemented.

Green Energy projects include efforts such as these solar photovoltaic panels at San Andres NWR in New Mexico, which has decreased its energy intensity by 80 percent from its 2003 baseline.

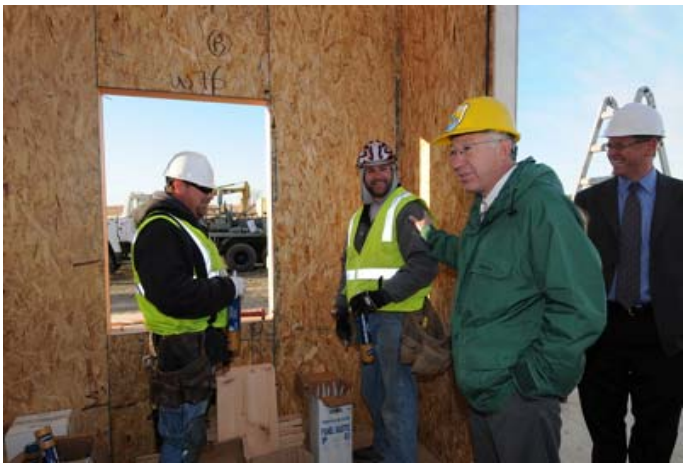
Dam Safety Program and Inspections. DOI Secretarial Order 3048, the President's memorandum of October 4, 1979, the Federal Guidelines for Dam Safety (April, 2004) and the Dam Safety Act of 2006 (P.L. 109-460) require existing dams to be properly designed, operated and maintained to ensure their safety. In addition, dams that threaten downstream populations are required to have Emergency Action Plans (EAPs). During 2010, the Service will continue its Dam Safety Program, which includes periodic Safety Evaluation of Existing Dams (SEED) inspections. SEED inspections include performing and reassessing hazard classifications, which is a classification system based upon the population at risk and economic loss in the event of a dam failure. Additionally, dams receive a Department of the Interior Dam Safety Program Technical Priority Ranking, which quantifies the condition of the dam. The Service uses the Technical Priority Ranking, the hazard classification, and the overall condition of the dam to identify the need and priority for dam safety repair and rehabilitation projects. The Service currently has approximately 205 dams in inventory. In 2011, the Service will change its budget policy so that unobligated dam safety line-item construction funds less than $1 million are routinely applied to other dam safety projects. Currently, the unobligated funds are reprogrammed to other projects per Congressional reprogramming guidelines or to the Emergency Construction Fund in accordance with Senate Report 101-534. There is an ongoing need within the Dam Safety Program for funding and authority to spend funds for minor dam

repairs such as replacing or repairing gates, or installing instrumentation to perform monitoring or perform necessary engineering analyses. The policy change will allow the use of dam safety money for more dam safety work, which often has neither a specific account nor authority. This change will simplify the reprogramming and recognize the authority under the Dam Safety Program to fund important and modest dam safety projects without seeking specific spending authority.

Bridge Safety Program and Inspections. The Federal Highway Administration (FHWA), under authority and regulation of 23 U.S.C. 144 and 151 as outlined in CFR 650, requires bridges on public highways and roads to be inspected every two years. The Service owns over 700 bridges that serve essential administrative functions or provide primary public access. Inspection activities include determining or verifying the safe load-carrying capacity; identifying unsafe conditions and recommending ways to eliminate them; identifying maintenance, rehabilitation, or reconstruction needs. Funds are also used to provide national management, administration and technical supervision of the program.

Line-Item Construction Projects. The Service's Line-Item Construction Program provides for the construction, rehabilitation and replacement of those assets needed to accomplish management objectives. All projects are scored in accordance with the Department's 5-Year Deferred Maintenance and Capital Improvement Plan criteria and are reviewed and selected by the Service's Investment Review Board in support of the Department's Capital Planning and Investment Control (CPIC) process. The criteria rates the critical health, safety, and resource protection values of each project. A full explanation of the criteria and the CPIC process can be found at http://www.doi.gov/ocio/cp/cpic_guide.doc.

Impact of ARRA Funding on Requested Construction Projects. American Recovery and Reinvestment Act of 2009 (ARRA) funding provided the Service with an unprecedented opportunity to accelerate work on planned construction and deferred maintenance projects. ARRA funding will complete the majority of deferred maintenance projects initially scheduled for 2010, as well as construct 10 of the NWRS' highest priority office and visitor centers. Other ARRA funds were directed towards completing larger deferred maintenance projects that exceed the Resource Management deferred maintenance program funding threshold. Many projects will improve building energy efficiency by updating windows, doors, insulation and mechanical systems and retrofit other buildings with renewable energy systems. To further support the renewed focus on reducing energy and water consumption, ARRA funds will also complete numerous energy and water evaluations at the Service's largest, most energy-consuming facilities. A valuable output of this effort will be the identification of future life-cycle cost-effective energy and water reduction retrofit projects. To build on this effort, the Service's 2011 request includes line-item funding for Green Energy projects.



Interior Secretary Salazar tours the headquarters/visitor contact building under construction at the Audubon NWR in North Dakota. The project was funded by ARRA.

2011 Program Performance

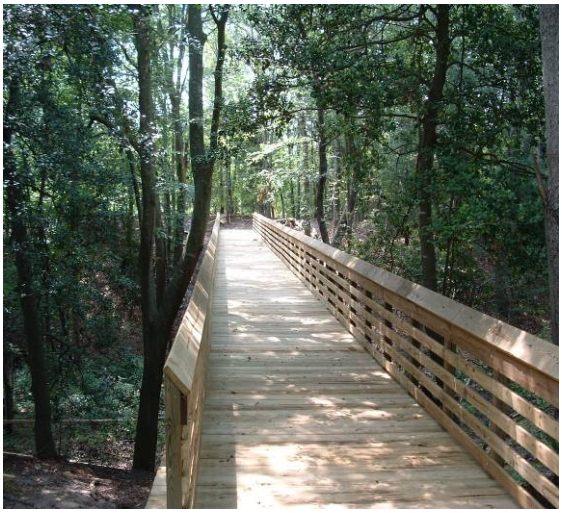
Line-Item Construction Projects. In 2011, the Service requests a total of $12,721,000 for projects. A summary of proposed projects is included in the 2011 Construction Appropriation List of Project Data Sheets table below. A Project Data Sheet (PDS) is provided for each project and includes key data on

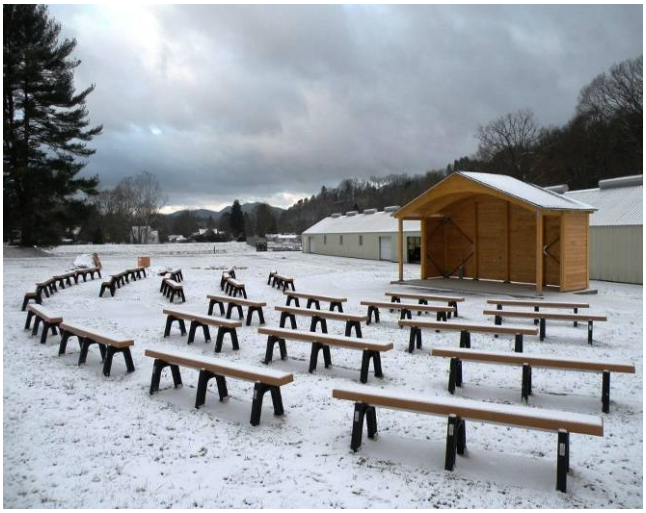
project description, justification, cost and schedule. Following the individual Project Data Sheets is a Summary Project Data Sheet for 2011 – 2015. This summarizes the Service's 5-Year Construction Plan that directs funding to the most critical health, safety, and resource protection needs. This plan complies with the Federal Accounting Standards Advisory Board (FASAB) Number 6 on deferred maintenance reporting. Project selection is based on each project's alignment with the Department and Service Objectives, condition assessments of existing facilities and subsequent ranking of Facility Condition Index (FCI) and DOI Rank.

2011 Construction Appropriation
List of Project Data Sheets

DOI Rank Score	Region	Station	State	Project Title/Description	Request ($000s)
1000	1	Turnbull NWR	WA	Lower Pine Lake Dam – Phase II [cc]	1,250
813	8	Kern NWR	CA	Poso Creek Weir [p/d/cc]	550
805	4	Pond Creek NWR	AR	Maintenance Shop [p/d/cc]	1,030
798	2	Alchesay NFH	AZ	Replace Water Supply Pipeline [p/d/cc]	2,439
738	5	Green Lake NFH	ME	Replace UV Disinfection System [d/cc]	1,300
633	8	San Luis NWR	CA	Water Monitoring Stations [p/d/cc]	245
625	N/A	NWRS Service-wide	N/A	Visitor Facility Enhancements	1,309
625	N/A	NFHS Service-wide	N/A	Visitor Facility Enhancements	400
625	N/A	NWRS Service-wide	N/A	Green Energy Projects	1,500
625	N/A	NFHS Service-wide	N/A	Green Energy Projects	250
584	7	Kenai NWR	AK	HQ/Visitor Facility – Phase I [p/d/ic]	2,448
TOTAL, LINE-ITEM CONSTRUCTION PROJECTS					**12,721**

Notes: p = planning, d = design, c = construction, cc = completion of construction, and i = initiation of a phase





A pedestrian bridge at Rappahannock NWR in Virginia and an amphitheatre at White Sulphur Springs NFH in West Virginia are examples of Visitor Facility Enhancement projects completed in 2008.

DEFERRED MAINTENANCE AND CAPITAL IMPROVEMENT PLAN

2011

1/27/2010

U.S. Fish and Wildlife Service

PROJECT DATA SHEET

Total Project Score/Ranking:	1000
Programmed Funding FY:	2011
Funding Source:	Construction

Project Identification

Project Title: Lower Pine Lake Dam - Phase II [cc]

Project #: 2009962567 **Unit/Facility Name:** Turnbull NWR

Region/Area/District: Region: 1 **Org Code:** 13560 **Congressional District:** 5 **State:** WA

Project Justification

DOI Asset Code: 40162000 **Unique Identifier:** 10003917 **API:** 100 **FCI - Before:** 0.31 **FCI - Projected:** 0.00

Project Description:

Complete permanent repairs to the service spillway and outlet works for Lower Pine Lake Dam, Turnbull NWR. Proposed funding will install a concrete outlet works to maintain the pool level, a concrete pipe spillway, an outlet gate, and a granular filter around the pipe. As design will not be complete until FY 2010, quantities and additional details are currently not available.

Project Need/Benefit:

Lower Pine (Cheever) Lake Dam is a High Hazard dam with a Population at Risk of 12 people. The structure is an earthfill embankment dam that was constructed as a WPA project in approximately 1940 and was rehabilitated in 1978 and 1985. The 2008 SEED inspection revealed an emergency condition at Lower Pine Lake Dam. The corrugated metal pipe spillway was deteriorated and there was significant leakage flowing from beneath the dam into the corroded pipe spillway. Emergency repairs, comprised of installing temporary pipe sections with rubber gaskets and injecting grout into voids beneath and around spillway pipes, were made to the service spillway conduit in October 2008. These emergency repairs are temporary, and additional funding is required to repair the spillway and outlet works permanently. The DOI Dam Safety rank is 181. Based on an estimated current replacement value of $4,800,658, the FCI is 0.31, and the projected FCI is 0.00.

Any unobligated funding from this project totaling less than $1 million will be applied toward other dam safety projects in accordance with Service policy.

Ranking Categories: Identify the percent of the project that is in the following categories of need.

100	% Critical Health or Safety Deferred Maintenance	(10)	0	% Energy Policy, High Performance Sustain Bldg CI	(5)
0	% Critical Health or Safety Capital Improvement	(9)	0	% Critical Mission Deferred Maintenance	(4)
0	% Critical Resource Protection Deferred Maintenance	(7)	0	% Code Compliance Capital Improvement	(4)
0	% Critical Resource Protection Capital Improvement	(6)	0	% Other Deferred Maintenance	(3)
			0	% Other Capital Improvement	(1)

Capital Asset Planning Required? (Y or N): No

VE Required (Y or N): Y Type: D Scheduled (YY): 2011 Completed (YY):

Total Project Score: 1000

Project Costs and Status

Project Cost Estimate (this PDS):	**$'s**	**%**
Deferred Maintenance Work:	1,250,000	100
Capital Improvement Work:	0	0
Total:	1,250,000	100

Project Funding History (Entire Project):	**$'s**
Appropriated to Date:	250,000
Requested in FY 2011 Budget:	1,250,000
Future Funding to Complete Project:	0
Total:	1,500,000

Class of Estimate: B

Estimate Escalated To FY: 2011

Planning Funds Received in FY $0

Design Funds Rec'd in FY 2009 $250,000

Dates:	**Sch'd**
Construction Start/Award: (QTR/YY)	1/11
Project Complete: (QTR/YY)	4/13

Project Data Sheet Prepared/Last Updated Jan-10 (mm/yy)

DOI Approved? YES

Annual Operation & Maintenance Costs ($'s)

Current:	Projected:	Net Change:
1,481.00	1,500.00	19.00

DEFERRED MAINTENANCE AND CAPITAL IMPROVEMENT PLAN

2011

1/27/2010

U.S. Fish and Wildlife Service

PROJECT DATA SHEET

Total Project Score/Ranking:	813
Programmed Funding FY:	2011
Funding Source:	Construction

Project Identification

Project Title: Construct Poso Creek Weir [p/d/cc]

Project #: 00122456 **Unit/Facility Name:** Kern NWR

Region/Area/District: Region: 8 **Org Code:** 81610 **Congressional District:** 20 **State:** CA

Project Justification

DOI Asset Code: **Unique Identifier:** 81610 **API:** 100 **FCI - Before:** **FCI - Projected:** 0.00

Project Description:

Plan, design and construct a 14 x 120 ft concrete bridge with flashboard weir water control capability within the Poso Creek channel at Kern NWR.

Project Need/Benefit:

Installation of a flashboard water control structure will allow for rapid adjustment of weir water levels during flooding. Currently water levels are managed by means of an earthen berm which must be removed with heavy equipment during flood events. Because flooding is unpredictable, failure to remove the dam in time typically results in upstream breaches of the canal, floods two county roads and surrounding private lands and endangered species habitat. Breaches cannot be repaired until the water levels recede, which can take months.

As this would be new construction, there is no "FCI - before" for this structure. The existing earthern berm is not considered a real property asset type; costs are not reported for its maintenance. The proposed flashboard weir structure would be manually controlled.

Ranking Categories: Identify the percent of the project that is in the following categories of need.

0	% Critical Health or Safety Deferred Maintenance	(10)	0	% Energy Policy, High Performance Sustain Bldg CI	(5)
50	% Critical Health or Safety Capital Improvement	(9)	0	% Critical Mission Deferred Maintenance	(4)
0	% Critical Resource Protection Deferred Maintenance	(7)	0	% Code Compliance Capital Improvement	(4)
50	% Critical Resource Protection Capital Improvement	(6)	0	% Other Deferred Maintenance	(3)
			0	% Other Capital Improvement	(1)

Capital Asset Planning Required? (Y or N): No

VE Required (Y or N): N Type: Scheduled (YY): Completed (YY):

Total Project Score: 813

Project Costs and Status

Project Cost Estimate (this PDS):	$'s	%
Deferred Maintenance Work:	0	0
Capital Improvement Work:	550,000	100
Total:	550,000	100

Project Funding History (Entire Project):	$'s
Appropriated to Date:	0
Requested in FY 2011 Budget:	550,000
Future Funding to Complete Project:	0
Total:	550,000

Class of Estimate: C

Estimate Escalated To FY: 2012

Planning Funds Received in FY $0

Design Funds Rec'd in FY $0

Dates:	Sch'd
Construction Start/Award: (QTR/YY)	1/11
Project Complete: (QTR/YY)	4/13

Project Data Sheet Prepared/Last Updated Jan-10 (mm/yy)

DOI Approved? YES

Annual Operation & Maintenance Costs ($'s)

Current: 0.00 Projected: 500.00 Net Change: 500.00

DEFERRED MAINTENANCE AND CAPITAL IMPROVEMENT PLAN

2011

1/27/2010

U.S. Fish and Wildlife Service

PROJECT DATA SHEET

Total Project Score/Ranking:	805
Programmed Funding FY:	2011
Funding Source:	Construction

Project Identification

Project Title: Maintenance Shop [p/d/cc]

Project #: 2009943729 **Unit/Facility Name:** Pond Creek NWR

Region/Area/District: Region: 4 **Org Code:** 43575 **Congressional District:** 04 **State:** AR

Project Justification

DOI Asset Code: **Unique Identifier:** 43575 **API:** 100 **FCI - Before:** **FCI - Projected:** 0.00

Project Description:

Plan, design and construct a 4-bay, 4,000 s.f. maintenance workshop at Pond Creek NWR. The new building will be fabricated on-site and meet all building codes and other requirements impacting the design and construction of federal facilities. The workshop will include an office heated/cooled with an EnergyStar compliant high efficiency HVAC unit. Other sustainable building features will be incorporated into the building during design.

Project Need/Benefits:

The refuge currently uses a 12' x 14' open-air, pole barn as a maintenance shop. Containing a grinder, drill press, band-saw, welder, torch, and other equipment, maintenance is currently performed exposed to the weather. Construction of the workshop will improve protection to maintenance equipment and enable staff to complete maintenance more effectively and safely indoors. Once the workshop is complete, the existing pole building will be used to store refuge signs.

Ranking Categories: Identify the percent of the project that is in the following categories of need.

0	% Critical Health or Safety Deferred Maintenance	(10)	10	% Energy Policy, High Performance Sustain Bldg CI	(5)
70	% Critical Health or Safety Capital Improvement	(9)	0	% Critical Mission Deferred Maintenance	(4)
0	% Critical Resource Protection Deferred Maintenance	(7)	20	% Code Compliance Capital Improvement	(4)
0	% Critical Resource Protection Capital Improvement	(6)	0	% Other Deferred Maintenance	(3)
			0	% Other Capital Improvement	(1)

Capital Asset Planning Required? (Y or N): No

VE Required (Y or N): Y Type: D Scheduled (YY): 2011 Completed (YY):

Total Project Score: 805

Project Costs and Status

Project Cost Estimate (this PDS):	$'s	%
Deferred Maintenance Work:	0	0
Capital Improvement Work:	1,030,000	100
Total:	1,030,000	100

Project Funding History (Entire Project):	$'s
Appropriated to Date:	0
Requested in FY 2011 Budget:	1,030,000
Future Funding to Complete Project:	0
Total:	1,030,000

Class of Estimate: C

Estimate Escalated To FY: 2011

Planning Funds Received in FY $0

Design Funds Rec'd in FY $0

Dates:	Sch'd
Construction Start/Award: (QTR/YY)	1/11
Project Complete: (QTR/YY)	4/13

Project Data Sheet Prepared/Last Updated Jan-10 (mm/yy)

DOI Approved? YES

Annual Operation & Maintenance Costs ($'s)

Current:	Projected:	Net Change:
0.00	1,500.00	1,500.00

DEFERRED MAINTENANCE AND CAPITAL IMPROVEMENT PLAN

2011

1/26/2010

U.S. Fish and Wildlife Service

PROJECT DATA SHEET

Total Project Score/Ranking:	798
Programmed Funding FY:	2011
Funding Source:	Construction

Project Identification

Project Title:	Replace Water Supply Line [p/d/cc]				
Project #: 2008868381	Unit/Facility Name: Alchesay NFH				
Region/Area/District:	Region: 2	Org Code: 22212	Congressional District:	6	State: AZ

Project Justification

DOI Asset Code: 40710400	Unique Identifier: 10008729	API: 100	FCI - Before: 0.99	FCI - Projected: 0.00	

Project Description:

Replace the main water supply pipeline with a 24" underground High Density Polyehtylene (HDPE) pipe. This is a turn-key project and funding will complete all necessary planning, design and construction. The final alignment of the new pipeline will be determined during design.

All production water is delivered to the hatchery via a 46-year-old steel pipeline, which is 4,330 feet long and crosses the North Fork of White River at two places. It has over 7 significant leaks; catastrophic failure is imminent. Temporary repairs have been made by placing bands over a number of leaks and 80 feet of the failed pipeline that crosses the North Fork of White River was replaced with a PVC pipe in January 2008. In times of need, staff are on the riverbank or in the current (including crossing) to make repairs and inspect for leaks, risking injury due to the uncontrolled environment.

Project Need/Benefit:

Alchesay NFH provides eight to ten inch rainbow, brown, and brook trout to 19 reservations in Arizona and New Mexico for the Tribal Trust recreational fish stocking program. Benefits of the program include increased fishing opportunities and large economic gains: over 193,000 angling days; angling-related retail sale of $12.4 million; 233 jobs with total income of $5.7 million; and aggregate tax revenue of $1.75 million (USFWS Division of Economics, 2006).

This is a high priority project on a mission critical water management asset, in accordance with the Service's asset prioritization guidelines and GPRA measure XIM.2.5.1.0412 Service-wide Comprehensive Facilities Improvement: Overall condition of buildings and structures (as measured by the FCI) that are mission critical and mission dependent (as measured by the API) with emphasis on improving the condition of

Ranking Categories: Identify the percent of the project that is in the following categories of need.

10	% Critical Health or Safety Deferred Maintenance	(10)	0	% Energy Policy, High Performance Sustain Bldg CI	(5)
0	% Critical Health or Safety Capital Improvement	(9)	0	% Critical Mission Deferred Maintenance	(4)
90	% Critical Resource Protection Deferred Maintenance	(7)	0	% Code Compliance Capital Improvement	(4)
0	% Critical Resource Protection Capital Improvement	(6)	0	% Other Deferred Maintenance	(3)
			0	% Other Capital Improvement	(1)

Capital Asset Planning Required? (Y or N): Yes

VE Required (Y or N): Y Type: D Scheduled (YY): 2011 Completed (YY):

Total Project Score: 798

Project Costs and Status

Project Cost Estimate (this PDS):	$'s	%
Deferred Maintenance Work:	2,439,000	100
Capital Improvement Work:	0	0
Total:	2,439,000	100

Project Funding History (Entire Project):	$'s
Appropriated to Date:	0
Requested in FY 2011 Budget:	2,439,000
Future Funding to Complete Project:	0
Total:	2,439,000

Class of Estimate: C

Estimate Escalated To FY: 2011

Planning Funds Received in FY $0

Design Funds Rec'd in FY $0

Dates:	Sch'd
Construction Start/Award: (QTR/YY)	1/11
Project Complete: (QTR/YY)	4/13

Project Data Sheet Prepared/Last Updated: Jan-10 (mm/yy)

DOI Approved? NO

Annual Operation & Maintenance Costs ($'s)

Current:	Projected:	Net Change:
6,090.15	0.00	-6,090.15

DEFERRED MAINTENANCE AND CAPITAL IMPROVEMENT PLAN

2011

1/4/2010

U.S. Fish and Wildlife Service

PROJECT DATA SHEET

Total Project Score/Ranking:	738
Programmed Funding FY:	2011
Funding Source:	Construction

Project Identification

Project Title: Replace UV Disinfection System [d/cc]

Project #: 2009944475 **Unit/Facility Name:** Green Lake NFH

Region/Area/District: Region: 5 **Org Code:** 53373 **Congressional District:** 2 **State:** ME

Project Justification

DOI Asset Code: 40710300 **Unique Identifier:** 10023241 **API:** 100 **FCI - Before:** 0.25 **FCI - Projected:** 0.00

Project Description:

Redesign and replace UV disinfection system. The current system's bulbs and ballasts are no longer manufactured rendering the entire system obsolete. The system is an essential component in preventing disease outbreaks in the hatchery's Atlantic salmon population. In order to continue to function, 1500 UV water supply disinfection ballasts and bulbs must be replaced with commercially available models. The existing ballasts are known to contain cancer-causing PCB's. As they age, the ballasts become more and more likely to leak exposing employees to unacceptable health risks. This project includes complete replacement of 5 units each capable of disinfecting up to 3000 gallons of incoming surface water every minute. Other costs associated with this project are the replacement and disposal costs associated with the PCB-laden ballasts, replacement of indicator lamps and replacing eight (8) deteriorated valve operators on discharge lines associated with the UV unit. Additionally, current ballasts and bulbs operate at only 30-45% efficiency. Replacing them with new, more cost-effective units would result in a substantial annual cost savings.

O&M costs represent actual 2008 O&M costs for this asset.

Project Need/Benefit:

Replacing the obsolete bulbs and ballasts will prevent unexpected failure of this mission critical disease control system, safeguard Atlantic salmon being raised for restoration and recovery efforts and reduce the long-term electrical demand of the hatchery.

Ranking Categories: Identify the percent of the project that is in the following categories of need.

0	% Critical Health or Safety Deferred Maintenance	(10)	0	% Energy Policy, High Performance Sustain Bldg CI	(5)
0	% Critical Health or Safety Capital Improvement	(9)	0	% Critical Mission Deferred Maintenance	(4)
50	% Critical Resource Protection Deferred Maintenance	(7)	0	% Code Compliance Capital Improvement	(4)
50	% Critical Resource Protection Capital Improvement	(6)	0	% Other Deferred Maintenance	(3)
			0	% Other Capital Improvement	(1)

Capital Asset Planning Required? (Y or N): No

VE Required (Y or N): Y Type: D Scheduled (YY): 2011 Completed (YY):

Total Project Score: 738

Project Costs and Status

Project Cost Estimate (this PDS):	$'s	%
Deferred Maintenance Work:	650,000	50
Capital Improvement Work:	650,000	50
Total:	1,300,000	100

Project Funding History (Entire Project):	$'s
Appropriated to Date:	0
Requested in FY 2011 Budget:	1,300,000
Future Funding to Complete Project:	0
Total:	1,300,000

Class of Estimate: B

Estimate Escalated To FY: 2011

Planning Funds Received in FY $0

Design Funds Rec'd in FY $0

Dates:	**Sch'd**
Construction Start/Award: (QTR/YY)	1/11
Project Complete: (QTR/YY)	4/13

Project Data Sheet Prepared/Last Updated Jan-10 (mm/yy)

DOI Approved? NO

Annual Operation & Maintenance Costs ($'s)

Current:	Projected:	Net Change:
110,093.65	100,093.65	-10,000.00

DEFERRED MAINTENANCE AND CAPITAL IMPROVEMENT PLAN
2011

1/27/2010

U.S. Fish and Wildlife Service

PROJECT DATA SHEET

Total Project Score/Ranking:	633
Programmed Funding FY:	2011
Funding Source:	Construction

Project Identification

Project Title:	Water Monitoring Stations [p/d/cc]				
Project #:	2008863031	**Unit/Facility Name:**	San Luis NWR		
Region/Area/District:	Region: 8	**Org Code:**	81655	**Congressional District:**	18
State:	CA				

Project Justification

DOI Asset Code:	**Unique Identifier:** 81655	**API:** 100	**FCI - Before:**	**FCI - Projected:** 0.00

Project Description:
Plan, design and construct eighteen weirs/stations to conduct quality control measures for water and salt in drainages in the San Luis NWR Complex. The water monitoring stations will provide data on the dynamics of water and its salt load entering and leaving the drainages or a subset of the drainages comprising the San Luis NWR Complex and will help improve water and wetland management efforts and enhance waterbird populations and public-use opportunities. Data monitoring will help meet legal and administrative requirements for use of water in the Central Valley including drainage and water planning requirements. These 18 sites are listed in the annual Refuge Water Management Plans of both San Luis and Merced National Wildlife Refuges, as well as in the document "Water Monitoring at the San Luis National Wildlife Refuge Complex".

Project Need/Benefit:
This project will result in improved water management (both quantity and quality) of wetlands, benefiting the waterbirds of the Central Valley, including a sizable waterfowl component. The weirs will improve access for visitors to the station, including wildlife observers and sportsmen. This project will also assist the Complex in meeting its RAPP goals for habitat management (water level manipulation and most soil management), water quality, water quantity, and public-use (including the hunt program). Solar powered water monitoring stations will be employed to improve operations and maintenance. Once water monitoring stations and weirs are complete, monitoring will take place for a minimum of three years, with an annual report at the end of each year.

Ranking Categories: Identify the percent of the project that is in the following categories of need.

0	% Critical Health or Safety Deferred Maintenance	(10)	0	% Energy Policy, High Performance Sustain Bldg CI	(5)
0	% Critical Health or Safety Capital Improvement	(9)	0	% Critical Mission Deferred Maintenance	(4)
0	% Critical Resource Protection Deferred Maintenance	(7)	30	% Code Compliance Capital Improvement	(4)
70	% Critical Resource Protection Capital Improvement	(6)	0	% Other Deferred Maintenance	(3)
			0	% Other Capital Improvement	(1)

Capital Asset Planning Required? (Y or N): No
VE Required (Y or N): N Type: Scheduled (YY): Completed (YY):

Total Project Score: 633

Project Costs and Status

Project Cost Estimate (this PDS):	**$'s**	**%**
Deferred Maintenance Work:	0	0
Capital Improvement Work:	245,000	100
Total:	245,000	100

Project Funding History (Entire Project):	**$'s**
Appropriated to Date:	0
Requested in FY 2011 Budget:	245,000
Future Funding to Complete Project:	0
Total:	245,000

Class of Estimate: C
Estimate Escalated To FY: 2011

Planning Funds Received in FY $0
Design Funds Rec'd in FY $0

Dates:	**Sch'd**
Construction Start/Award: (QTR/YY)	1/11
Project Complete: (QTR/YY)	4/13

Project Data Sheet Prepared/Last Updated: Jan-10 (mm/yy)

DOI Approved? YES

Annual Operation & Maintenance Costs ($'s)

Current:	Projected:	Net Change:
0.00	1,500.00	1,500.00

DEFERRED MAINTENANCE AND CAPITAL IMPROVEMENT PLAN

2011

1/27/2010

U.S. Fish and Wildlife Service

PROJECT DATA SHEET

Total Project Score/Ranking:	625
Programmed Funding FY:	2011
Funding Source:	Construction

Project Identification

Project Title: NWRS Visitor Enhancement Projects 2011

Project #: 2007747180 **Unit/Facility Name:** National Wildlife Refuge System

Region/Area/District: Region: 9 **Org Code:** 93000 **Congressional District:** Mult. **State:** Mult.

Project Justification

DOI Asset Code:	Unique Identifier: 93000	API: 100	FCI - Before:	FCI - Projected: 0.00

Project Description:

Planning, design, and construction of visitor contact facilities such as information kiosks, signs, fishing piers, boat docks, boardwalks, and trails at multiple locations Service-wide. The Service will leverage standardized approaches, including continued application of the Unified Design and Cost Estimate Model and standardized kiosk designs, where possible. Sign projects included for VFE funding do not qualify for Refuge Roads program funding because transportation funds are restricted to repairs and maintenance of roads. Stand alone or interpretive signs projects are only eligible when part of a Refuge Road repair project. Potential projects include:

Construct interpretive facilities at Little Pend Oreille NWR, WA
Construct an ADA accessible information kiosk at Tishomingo NWR, OK
Construct an amphitheater cover at Balcones Canyonlands NWR, TX
Construct recreational trails at Shiawasse NWR, MI
Construct ADA accessible fishing and crabbing pier at Sabine NWR, LA
Replace portable comfort station with prefabricated restroom facility at Lower Suwannee NWR, FL
Rehabilitate observation tower and trail to make them ADA accessible at St. Marks NWR, FL
Construct trail extension to Main Overlook at Cahaba River NWR, AL
Construct Lotus Garden canoe/kayak launch facility at Back Bay NWR, VA
Construct low impact boardwalk and trail at John Heinz NWR, PA
Construct ADA accessible fishing dock and parking pad at Valentine NWR, NE
Develop and install interpretive signs along Dalton Highway (Arctic NWR), AK
Construct paved ADA portion of Shorebird Loop Trail at Humboldt Bay NWR, CA
Construct interpretive signs at Imperial Beach Blvd observation deck, Tijuana Slough NWR, CA

Ranking Categories: Identify the percent of the project that is in the following categories of need.

0	% Critical Health or Safety Deferred Maintenance	(10)	0	% Energy Policy, High Performance Sustain Bldg CI	(5)
0	% Critical Health or Safety Capital Improvement	(9)	50	% Critical Mission Deferred Maintenance	(4)
0	% Critical Resource Protection Deferred Maintenance	(7)	0	% Code Compliance Capital Improvement	(4)
50	% Critical Resource Protection Capital Improvement	(6)	0	% Other Deferred Maintenance	(3)
			0	% Other Capital Improvement	(1)

Capital Asset Planning Required? (Y or N): No

VE Required (Y or N): Y Type: D Scheduled (YY): 2011 Completed (YY):

Total Project Score: 625

Project Costs and Status

Project Cost Estimate (this PDS):	$'s	%
Deferred Maintenance Work:	654,500	50
Capital Improvement Work:	654,500	50
Total:	1,309,000	100

Project Funding History (Entire Project):	$'s
Appropriated to Date:	0
Requested in FY 2011 Budget:	1,309,000
Future Funding to Complete Project:	0
Total:	1,309,000

Class of Estimate: C

Estimate Escalated To FY: 2011

Planning Funds Received in FY $0

Design Funds Rec'd in FY $0

Dates:	Sch'd
Construction Start/Award: (QTR/YY)	1/11
Project Complete: (QTR/YY)	4/13

Project Data Sheet Prepared/Last Updated Jan-10 (mm/yy)

DOI Approved? YES

Annual Operation & Maintenance Costs ($'s)

Current: 0.00	Projected: 10,000.00	Net Change: 10,000.00

DEFERRED MAINTENANCE AND CAPITAL IMPROVEMENT PLAN

2011

1/4/2010

U.S. Fish and Wildlife Service

PROJECT DATA SHEET

Total Project Score/Ranking:	625
Programmed Funding FY:	2011
Funding Source:	Construction

Project Identification

Project Title: NFHS Visitor Facility Enhancements 2011

Project #: 2009962550 **Unit/Facility Name:** National Fish Hatchery System

Region/Area/District: Multiple **Org Code:** Multiple **Congressional District:** Multiple **State:** Multiple

Project Justification

DOI Asset Code:	**Unique Identifier:** 94100	**API:** 100	**FCI - Before:**	**FCI - Projected:** 0.00

Project Description:

Funding for Visitor Facility Enhancements (VFE) will be used on small constructed assets that support visitation and outreach at the Service's field stations. National Fish Hatchery System (NFHS) field station involvement in outreach to children and local communities has been extensive and diverse, through fishing days, outdoor classrooms, adopt-a-fish programs, and numerous other means of involving America's children in outdoor activities. The NFHS will make Outdoor Education as the central theme to implement many VFE projects in conjunction with Friends Groups to support the National Fish Hatchery System Volunteer Act of 2006. Potential projects include:

Remodel Visitor Center at Makah NFH, WA
Repair Fish Counting Building at Red Bluff Fish and Wildlife Office, CA
Construct Viewing Platform at Coleman NFH, CA
Rehab visitor contact area at Dexter NFH and FTC, NM
Construct observation and Interpretive Pond Project at Pendills Creek NFH, MI
Construct a handicapped accessible fishing pier at Dale Hollow NFH, TN
Rehab visitor parking area at Erwin NFH, TN
Construct Outdoor Fish Viewing Tank at Allegheny NFH, PA
Rehabilitate Trail and Restroom Facility at Bozeman FTC, MT
Replace Broken Entrance Signs, Kiosk, Relocate Kiosk at Hotchkiss NFH, CO

Ranking Categories: Identify the percent of the project that is in the following categories of need.

0	% Critical Health or Safety Deferred Maintenance	(10)	0	% Energy Policy, High Performance Sustain Bldg CI	(5)
0	% Critical Health or Safety Capital Improvement	(9)	50	% Critical Mission Deferred Maintenance	(4)
0	% Critical Resource Protection Deferred Maintenance	(7)	0	% Code Compliance Capital Improvement	(4)
50	% Critical Resource Protection Capital Improvement	(6)	0	% Other Deferred Maintenance	(3)
			0	% Other Capital Improvement	(1)

Capital Asset Planning Required? (Y or N): No
VE Required (Y or N): N Type: Scheduled (YY): Completed (YY):

Total Project Score: 625

Project Costs and Status

Project Cost Estimate (this PDS):	**$'s**	**%**
Deferred Maintenance Work:	200,000	50
Capital Improvement Work:	200,000	50
Total:	400,000	100

Project Funding History (Entire Project):	**$'s**
Appropriated to Date:	0
Requested in FY 2011 Budget:	400,000
Future Funding to Complete Project:	0
Total:	400,000

Class of Estimate: D
Estimate Escalated To FY: 2011

Planning Funds Received in FY $0
Design Funds Rec'd in FY $0

Dates:	**Sch'd**
Construction Start/Award: (QTR/YY)	1/11
Project Complete: (QTR/YY)	4/13

Project Data Sheet Prepared/Last Updated Jan-10 (mm/yy)

DOI Approved? NO

Annual Operation & Maintenance Costs ($'s)

Current: 0.00	Projected: 2,000.00	Net Change: 2,000.00

DEFERRED MAINTENANCE AND CAPITAL IMPROVEMENT PLAN

2011

1/27/2010

U.S. Fish and Wildlife Service

PROJECT DATA SHEET

Total Project Score/Ranking:	625
Programmed Funding FY:	2011
Funding Source:	Construction

Project Identification

Project Title: NWRS Green Energy Projects 2011

Project #: 2009939229 | **Unit/Facility Name:** National Wildlife Refuge System

Region/Area/District: Region: 9 | **Org Code:** 93000 | **Congressional District:** Multi. | **State:** Multi.

Project Justification

DOI Asset Code:	Unique Identifier:	API: 100	FCI - Before:	FCI - Projected: 0.00

Project Description:

Plan, design and construct additional green energy projects at refuge sites. The NWRS is investing strategically in energy conservation and renewable energy generation, and is focusing on the most cost-effective solutions. The NWRS will target those refuges using the largest amount of energy or locations with high utility rates so as to achieve energy savings. Recommendations will be based on findings resulting from energy audits conducted during FY2009 and 2010. Green energy projects are focusing on renewable energy technologies such as solar and wind-powered electricity generation, solar hot water heating and elimination or reduction of fossil fuel combustion in HVAC systems by installing geothermal systems. Potential projects include:

King Salmon Administrative Site (AK) ($125,000) - Construct Wind Generator
John Heinz NWR (PA) ($210,000) - Install Solar PV System at Cusano Environmental Education Center.
Wichita Mountains WR (OK) ($279,000) - Install a solar electric 34.8kW PV system for the VC.
Big Stone NWR (MN) ($150,000) - Office Shop Energy Retrofit Designs (Phase 1 p/d)
Homer Administrative Site (AK) (736,000) Retrofit Alaska Ocean & Islands Admin Office/ VC with renewable energy system.

Need/Benefit:

These projects are necessary to help meet the Service's carbon footprint reduction objective and meet the Energy Policy Act of 2005, Executive Order 13423 and the Energy Independence & Security Act of 2007. Implementing green or renewable energy projects at NWRS will help reduce greenhouse gas emissions and the quantity of purchased energy. In addition these projects will serve as demonstrations of renewable energy technology to the visiting public and support creation of jobs related to development and implementation of clean energy technologies while reducing our dependence on fossil fuels.

Ranking Categories: Identify the percent of the project that is in the following categories of need.

0	% Critical Health or Safety Deferred Maintenance	(10)	100	% Energy Policy, High Performance Sustain Bldg CI	(5)
0	% Critical Health or Safety Capital Improvement	(9)	0	% Critical Mission Deferred Maintenance	(4)
0	% Critical Resource Protection Deferred Maintenance	(7)	0	% Code Compliance Capital Improvement	(4)
0	% Critical Resource Protection Capital Improvement	(6)	0	% Other Deferred Maintenance	(3)
			0	% Other Capital Improvement	(1)

Capital Asset Planning Required? (Y or N): No

VE Required (Y or N): Y Type: D Scheduled (YY): 2011 Completed (YY):

Total Project Score: 625

Project Costs and Status

Project Cost Estimate (this PDS):	$'s	%
Deferred Maintenance Work:	0	0
Capital Improvement Work:	1,500,000	100
Total:	1,500,000	100

Project Funding History (Entire Project):	$'s
Appropriated to Date:	0
Requested in FY 2011 Budget:	1,500,000
Future Funding to Complete Project:	0
Total:	1,500,000

Class of Estimate: D

Estimate Escalated To FY: 2011

Planning Funds Received in FY $0

Design Funds Rec'd in FY $0

Dates:	Sch'd
Construction Start/Award: (QTR/YY)	1/11
Project Complete: (QTR/YY)	4/13

Project Data Sheet Prepared/Last Updated: Jan-10 (mm/yy)

DOI Approved? YES

Annual Operation & Maintenance Costs ($'s)

Current:	Projected:	Net Change:
0.00	1,000.00	1,000.00

DEFERRED MAINTENANCE AND CAPITAL IMPROVEMENT PLAN
2011

1/27/2010

U.S. Fish and Wildlife Service

PROJECT DATA SHEET

Total Project Score/Ranking:	625
Programmed Funding FY:	2011
Funding Source:	Construction

Project Identification

Project Title: NFHS Green Energy Projects 2011			
Project #: 2009962553	**Unit/Facility Name:** National Fish Hatchery System		
Region/Area/District: Multiple	**Org Code:** Multiple	**Congressional District:** Multiple	**State:** Multiple

Project Justification

DOI Asset Code:	**Unique Identifier:** 94100	**API:** 100	**FCI - Before:**	**FCI - Projected:** 0.00

Project Description:

Plan, design and construct additional green energy projects at hatchery facilities. The National Fish Hatchery System (NFHS) will continue a national energy management program that invests strategically in energy conservation and renewable energy generation, and focuses on the most cost-effective solutions. The NFHS will target those refuges using the largest amount of energy or locations with high utility rates so as to achieve energy savings. Recommendations will be based on findings resulting from energy audits conducted during FY2009 and 2010. Energy projects will range from simple energy conservation actions such insulating and replacing windows and furnaces, to more complex actions such as upgrading to high-efficiency pumps or installing geothermal heat exchange systems. Other solutions will call for renewable energy such as installing solar- and wind-powered generators. Potential projects include:

Install Insulation, Cooling, and Heating at Abernathy FTC, WA
Replace Windows in Incubation Bldg at Spring Creek NFH, WA
Replace Windows at Lahontan NFH, NV
Construct a 3.3 kW solar photovoltaic system at Mora NFH and TC, NM
Tier II Energy Efficiency Projects for Shop at Genoa NFH, WI
Tier I Energy Efficiency Projects for Trout Building, Office, Clam Building, Coldwater West, Holding House & Storage Building at Genoa NFH, WI
Replace deficient office and lab lighting in hatchery bldg at Jordan River NFH, MI
Replace HVAC Systems at Warm Springs NFH, GA
Replace water heaters with on-demand tankless water heater at Greers Ferry NFH, AR, and Orangeburg NFH, SC
Replace 62 energy inefficient light fixtures and bulbs at Erwin NFH, TN
Replace uninsulated windows for increased energy efficiency at Lamar NFH and NEFC, PA
Rehabilitate the Containment Building HVAC at Bozeman FTC, MT
Replace refrigerator at Gavins Point NFH, SD
Replace cryopreservation equipment at Gavins Point NFH, SD
Replace Water Heaters at Garrison Dam NFH, ND, and Ouray NFH, UT.

Ranking Categories: Identify the percent of the project that is in the following categories of need.

0	% Critical Health or Safety Deferred Maintenance	(10)	100	% Energy Policy, High Performance Sustain Bldg CI	(5)
0	% Critical Health or Safety Capital Improvement	(9)	0	% Critical Mission Deferred Maintenance	(4)
0	% Critical Resource Protection Deferred Maintenance	(7)	0	% Code Compliance Capital Improvement	(4)
0	% Critical Resource Protection Capital Improvement	(6)	0	% Other Deferred Maintenance	(3)
			0	% Other Capital Improvement	(1)

Capital Asset Planning Required? (Y or N): No
VE Required (Y or N): N Type: Scheduled (YY): Completed (YY):

Total Project Score: 625

Project Costs and Status

Project Cost Estimate (this PDS):	**$'s**	**%**
Deferred Maintenance Work:	0	0
Capital Improvement Work:	250,000	100
Total:	250,000	100

Project Funding History (Entire Project):	**$'s**
Appropriated to Date:	0
Requested in FY 2011 Budget:	250,000
Future Funding to Complete Project:	0
Total:	250,000

Class of Estimate: D
Estimate Escalated To FY: 2011

Planning Funds Received in FY $0
Design Funds Rec'd in FY $0

Dates:	**Sch'd**
Construction Start/Award: (QTR/YY)	1/11
Project Complete: (QTR/YY)	4/13

Project Data Sheet Prepared/Last Updated: Jan-10 (mm/yy)

DOI Approved? NO

Annual Operation & Maintenance Costs ($'s)

Current:	Projected:	Net Change:
0.00	2,500.00	2,500.00

DEFERRED MAINTENANCE AND CAPITAL IMPROVEMENT PLAN

2011

1/29/2010

U.S. Fish and Wildlife Service

PROJECT DATA SHEET

Total Project Score/Ranking:	584
Programmed Funding FY:	2011
Funding Source:	Construction

Project Identification

Project Title: HQ/Visitor Facility - Phase I [p/d/ic]

Project #: 2007726332 **Unit/Facility Name:** Kenai NWR

Region/Area/District: Region: 7 **Org Code:** 74525 **Congressional District:** 0 **State:** AK

Project Justification

DOI Asset Code: 35100000 **Unique Identifier:** 10035063 **API:** 100 **FCI - Before:** 0.26 **FCI - Projected:** 0.00

Project Description:

Funding will complete planning and design and initial site preparation for a 7,000 s.f. visitor center. Design will meet all building codes and other requirements impacting design and construction of federal facilities. The building will be LEED certified to ensure maximum energy efficiency and ensure compliance with the guiding principles for high performance sustainable buildings. Life cycle cost analysis of the various alternative energy sources will be evaluated in the design phase. Additionally, funds will convert the existing 2,000 s.f. visitor contact area located in the administrative building into office space. Additional funding, $7,452,000, will be required to complete the visitor center and remaining sitework. The estimated s.f. cost for the visitor center is approximately $1,400 per s.f. The new visitor center will complement the refuge's environmental education center and main administrative office which are located next door to the proposed site for the visitor center. The new building will incorporate accessible spaces displays and media, which will address ADA deficiencies present in the current building. Future operations and maintenance costs are predicted to be nearly $60,000 each year.

Project Need/ Benefit:

There will be no lease costs associated with the facility, since the land is owned by the Service. This facility is listed in the Kenai Comprehensive Conservation Plan, and the NEPA process was completed in January, 2010. The conceptual planning has been completed and a project to upgrade the facilities sewer and water system to support the visitor center was completed in 2007. Kenai NWR is the only refuge in Alaska that is easily accessed from the road system. Over 500,000 visitors from around the world come here to experience the vast wildlife and wilderness resources found at the refuge. The visitor center will provide a much needed resource for providing orientation for these visitors. The visitor center will enhance resource protection efforts on the Kenai Peninsula, particularly on behalf of the brown bear population. Once built, the refuge anticipates visitor center visitation to increase from 40,000 to over 110,000 annually. Noted increases to O&M will come from regional management capability funds.

Ranking Categories: Identify the percent of the project that is in the following categories of need.

0	% Critical Health or Safety Deferred Maintenance	(10)	15	% Energy Policy, High Performance Sustain Bldg CI	(5)
0	% Critical Health or Safety Capital Improvement	(9)	10	% Critical Mission Deferred Maintenance	(4)
25	% Critical Resource Protection Deferred Maintenance	(7)	35	% Code Compliance Capital Improvement	(4)
0	% Critical Resource Protection Capital Improvement	(6)	0	% Other Deferred Maintenance	(3)
			15	% Other Capital Improvement	(1)

Capital Asset Planning Required? (Y or N): Yes

VE Required (Y or N): Y Type: D Scheduled (YY): 2011 Completed (YY):

Total Project Score: 584

Project Costs and Status

Project Cost Estimate (this PDS):	**$'s**	**%**
Deferred Maintenance Work:	856,800	35
Capital Improvement Work:	1,591,200	65
Total:	2,448,000	100

Project Funding History (Entire Project):	**$'s**
Appropriated to Date:	0
Requested in FY 2011 Budget:	2,448,000
Future Funding to Complete Project:	7,452,000
Total:	9,900,000

Class of Estimate: C

Estimate Escalated To FY: 2011

Planning Funds Received in FY $0

Design Funds Rec'd in FY $0

Dates:	**Sch'd**
Construction Start/Award: (QTR/YY)	1/11
Project Complete: (QTR/YY)	4/13

Project Data Sheet Prepared/Last Updated Jan-10 (mm/yy)

DOI Approved? YES

Annual Operation & Maintenance Costs ($'s)

Current:	Projected:	Net Change:
33,203.43	60,000.00	26,796.57

U.S. FISH & WILDLIFE SERVICE
DEPARTMENT OF THE INTERIOR MAINTENANCE AND CONSTRUCTION PLAN FY 2011-2015
Summary Project Data Sheet

1/29/2010

DOI Rank	Reg	Unit Name	State	Congress District	Project Title/Description	Ranking Categories (%) CHSdm	CHSci	CRPdm	CRPci	Energy	CMdm	CCci	CIOdm	OCI	Cost ($000)
FY 2011															
1000	1	Tumbull NWR	WA	05	Lower Pine Lake Dam - Phase II [cc]	100									1,250
813	8	Kern NWR	CA	20	Poso Creek Weir [p/d/cc]		50		50						550
805	4	Pond Creek NWR	AR	04	Maintenance Shop [p/d/cc]		70			10		20			1,030
798	2	Alchesay NFH	AZ	06	Replace Water Supply Line [p/d/cc]	10		90							2,439
738	5	Green Lake NFH	ME	02	Replace UV Disinfection System [d/cc]			50	50						1,300
633	8	San Luis NWR	CA	18	Water Monitoring Stations [p/d/cc]				70			30			245
625	9	NWRS Service-wide	NA		NWRS Visitor Facility Enhancements 2011				50		50				1,309
625	9	NFHS Service-wide	NA		NFHS Visitor Facility Enhancements 2011				50		50				400
625	9	NWRS Service-wide	NA		NWRS Green Energy Projects 2011					100					1,500
625	9	NFHS Service-wide	NA		NFHS Green Energy Projects 2011					100					250
584	7	Kenai NWR	AK	00	HQ/Visitor Facility - Phase I [p/d/ic]					10	10			80	2,448
					FY 2011 Total Cost										**12,721**

U.S. FISH & WILDLIFE SERVICE
DEPARTMENT OF THE INTERIOR MAINTENANCE AND CONSTRUCTION PLAN FY 2011-2015
Summary Project Data Sheet

1/29/2010

DOI Rank	Reg	Unit Name	State	Congress District	Project Title/Description	Ranking Categories (%) CHSdm	CHSci	CRPdm	CRPci	Energy	CMdm	CCci	CIOdm	OCI	Cost ($000)
FY 2012															
1000	8	Pahranagat NWR	NV	02	Upper Pahranagat Dam - Phase I [p/d]	100									300
820	4	Warm Springs NFH	GA	11	Replace Fish Holding House [p/d/cc]	20		80							1,112
813	6	Long Lake NWR	ND	00	Construct Storage Building [p/d/cc]	25		50	25						500
783	5	Patuxent Research Refuge	MD	03	Facilities Modernization	50				10	30	10			4,665
756	6	Long Lake NWR	ND	00	Construct Culvert Bridges [p/d/cc]		25		75						500
745	4	Wolf Creek NFH	KY	01	Replace Oxygenation System [p/d/cc]			60	40						1,208
700	6	National Black Footed-Ferret Conservation	CO	04	Water Supply Rehabilitation			100							365
680	5	Green Lake NFH	ME	02	Construct Production Wastewater Treatment Plant - Phase II [cc]	20			80						2,800
625	9	NFHS Service-wide	NA		NFHS Visitor Facility Enhancements 2012				50		50				400
625	9	NWRS Service-wide	NA		NWRS Green Energy Projects 2012					100					2,500
625	9	NFHS Service-wide	NA		NFHS Green Energy Projects 2012					100					600
625	9	NWRS Service-wide	NA		NWRS Visitor Facility Enhancements 2012				50		50				2,500
600	2	Willow Beach NFH	AZ	02	Water Treatment to Remove Quagga Mussel from Water Supply - Phase II [d/c]				100						1,773
584	7	Kenai NWR	AK	00	HQ/Visitor Facility - Phase II [cc]					10	10			80	7,452
									FY 2012 Total Cost						**26,675**

U.S. FISH & WILDLIFE SERVICE
DEPARTMENT OF THE INTERIOR MAINTENANCE AND CONSTRUCTION PLAN FY 2011-2015
Summary Project Data Sheet

1/29/2010

DOI Rank	Reg	Unit Name	State	Congress District	Project Title/Description	Ranking Categories (%) CHSdm	CHSci	CRPdm	CRPci	Energy	CMdm	CCci	CIOdm	OCI	Cost ($000)
FY 2013															
1000	3	Big Oaks NWR	IN	09	Old Timbers Dam - Phase II [c]	100									1,000
1000	8	Pahranagat NWR	NV	02	Upper Pahranagat Dam - Phase II [cc]	100									2,700
1000	3	Necedah NWR	WI	06	Sprague Mather and Goose Pool Dams - Phase I [p/d]	100									100
783	5	Patuxent Research Refuge	MD	03	Facilities Modernization	50				10	30	10			5,272
625	9	NWRS Service-wide	NA		NWRS Visitor Facility Enhancements 2013			50			50				2,500
625	9	NFHS Service-wide	NA		NFHS Visitor Facility Enhancements 2013			50			50				400
625	9	NWRS Service-wide	NA		NWRS Green Energy Projects 2013					100					2,500
625	9	NFHS Service-wide	NA		NFHS Green Energy Projects 2013					100					600
600	1	Abernathy Fish Technology Center	WA	03	Administration/Visitor Center Building - Phase I [p/d/ic]			100							2,307
600	2	Willow Beach NFH	AZ	02	Water Treatment to Remove Quagga Mussel from Water Supply - Phase III [cc]			100							2,446
600	3	Pendills Creek NFH	MI	01	New Hatchery Building [p/d/cc]			100							2,250
600	6	Baca NWR	CO	03	Fencing			100							600
378	5	Edwin B. Forsythe NWR	NJ	02	Construct HQ/Visitor Center - Phase I [p/d]									100	4,000
					FY 2013 Total Cost										**26,675**

U.S. FISH & WILDLIFE SERVICE
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Summary Project Data Sheet

1/29/2010

DOI Rank	Reg	Unit Name	State	Congress District	Project Title/Description	Ranking Categories (%) CHSdm	CHSci	CRPdm	CRPci	Energy	CMdm	CCci	CIOdm	OCI	Cost ($000)
FY 2014															
1000	3	Big Oaks NWR	IN	09	Old Timbers Dam - Phase III [c]	100									2,000
1000	3	Necedah NWR	WI	06	Sprague Mather and Goose Pool Dams - Phase II [cc]	100									1,000
700	6	Leadville NFH	CO	05	Replace Shop/Garage/Maintenance Buildings			100							800
625	9	NWRS Service-wide	NA		NWRS Visitor Facility Enhancements 2014				50		50				2,500
625	9	NFHS Service-wide	NA		NFHS Visitor Facility Enhancements 2014				50		50				400
625	9	NWRS Service-wide	NA		NWRS Green Energy Projects 2014					100					2,500
625	9	NFHS Service-wide	NA		NFHS Green Energy Projects 2014					100					600
600	4	Mountain Longleaf Pine NWR	AL	03	Office/Shop [p/d/cc]				100						810
600	1	Abernathy Fish Technology Center	WA	03	Administration/Visitor Center Building - Phase II [cc]				100						4,593
600	6	Gavins Point NFH	SD	01	New Water Treatment and Quarantine Building for Endangered Fish Species - Phase I [p/d/ic]				100						1,610
378	5	Edwin B. Forsythe NWR	NJ	02	Construct HQ/Visitor Center - Phase II [c]									100	9,862
					FY 2014 Total Cost										**26,675**

U.S. FISH & WILDLIFE SERVICE
DEPARTMENT OF THE INTERIOR MAINTENANCE AND CONSTRUCTION PLAN FY 2011-2015
Summary Project Data Sheet

1/29/2010

DOI Rank	Reg	Unit Name	State	Congress District	Project Title/Description	Ranking Categories (%) CHSdm	CHSci	CRPdm	CRPci	Energy	CMdm	CCci	CIOdm	OCI	Cost ($000)
FY 2015															
1000	6	Bozeman Fish Technology Center	MT	01	Seismic Safety Rehabilitation of Three Buildings - Phase II [cc]	100									1,000
1000	3	Big Oaks NWR	IN	09	Old Timbers Dam - Phase IV [cc]	100									1,000
783	5	Patuxent Research Refuge	MD	03	Facilities Modernization	50				10	30	10			4,883
700	4	Edenton NFH	NC	01	Replace 36 Fractured/Crumbling Cement Catch Basins [p/d/cc]		100								3,142
700	6	Fish Springs NWR	UT	01	Aquifer Monitoring Wells		100								200
650	1	San Pablo Bay NWR	CA	06	Levee Rehab/Construction to Restore Tidal Flow		50	50							6,663
625	3	Jordan River NFH	MI	01	Construct Whitefish Production System - Phase I [p/d/ic]			100							1,211
625	9	NWRS Service-wide	NA		NWRS Visitor Facility Enhancements 2015			50			50				2,500
625	9	NFHS Service-wide	NA		NFHS Visitor Facility Enhancements 2015			50			50				400
625	9	NWRS Service-wide	NA		NWRS Green Energy Projects 2015					100					2,500
625	9	NFHS Service-wide	NA		NFHS Green Energy Projects 2015					100					600
600	5	Nashua NFH	NH	02	Construct Shad Rearing and Disease Isolation Building [p/d/ic]			100							800
600	4	Atchafalaya NWR	LA	03	Office/Shop [p/d/cc]			100							926
600	6	Gavins Point NFH	SD	01	New Water Treatment and Quarantine Building for Endangered Fish Species - Phase II [cc]			100							850
														FY 2015 Total Cost	**26,675**
														TotalCost	**119,421**

Summary of Requirements

Appropriation: Construction

Comparison by Activity/Subactivity	2009 Actual		2010 Enacted[1]		Fixed Costs & Related Changes (+/-)		Program Changes (+/-)		2011 Budget Request[2]		Inc. (+) Dec(-) from 2010	
	FTE	Amount	*FTE*	Amount	*FTE*	Amount	*FTE*	Amount	*FTE*	Amount	*FTE*	Amount
Nationwide Engineering Services	*89*	8,970	*97*	9,161			*0*	0	*97*	9,161	*0*	0
Dam Safety		750		1,115				0		1,115		0
Bridge Safety		600		740				0		740		0
Wildlife Refuges		11,870		19,141				-10,809		8,332		-10,809
Fish Hatcheries		5,719		7,132				-2,743		4,389		-2,743
Law Enforcement		0		0				0		0		0
Other		7,678		150				-150		0		-150
Subtotal, Construction	*89*	35,587	*97*	37,439	*0*	0	*0*	-13,702	*97*	23,737	*0*	-13,702
Cancellation of Anadromous Fish balances		-54		0				0		0		0
Subtotal, Construction w/ cancellation	*89*	35,533	*97*	37,439	*0*	0	*0*	-13,702	*97*	23,737	*0*	-13,702
American Recovery and Reinvestment Act of 2009	*5*	115,000	*36*	0			*-36*	0	*0*	0	*-36*	0
Total, Appropriation (w/ ARRA)	*94*	150,533	*133*	37,439	*0*	0	*-36*	-13,702	*97*	23,737	*-36*	-13,702
Reimbursable program		2,000		2,000						2,000		0
Total, Construction	*94*	152,533	*133*	39,439	*0*	0	*-36*	-13,702	*97*	25,737	*-36*	-13,702

[1]FY 2010 FTE estimates include the net impact of changes due to additional Recovery Act hiring and proposed program changes in FY 2010.

[2]FY 2011 FTE estimates include the net impact of changes due to separations following completion of Recovery Act activities and proposed program changes in FY 2011.

Standard Form 300

DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE
CONSTRUCTION

Program and Financing (in million of dollars)

Identification code 14-1612-0-1-303	2009 actual	2010 estimate	2011 estimate
Obligations by program activity:			
Direct Program:			
00.01 Refuges	40	34	29
00.02 Hatcheries	11	10	7
00.03 Law Enforcement	0	1	1
00.04 Dam safety	2	3	2
00.05 Bridge safety	0	1	1
00.06 Nationwide Engineering Services	9	10	9
00.07 Recovery Act Activities	21	94	0
00.08 Migratory Bird Surveys	8	1	0
00.09 Ecological Services/Habitat Restoration	1	1	1
0.100 Total, Direct program:	92	155	50
09.01 Reimbursable program:	1	2	2
10.00 Total, new obligations	93	157	52
Budgetary resources available for obligation			
21.40 Unobligated balance carried forward, start of year	135	200	87
22.00 New Budget Authority (gross)	152	39	26
22.10 Resources avail from recoveries of prior year obligations	6	5	2
23.90 Total budgetary resources available for obligation	293	244	115
23.95 Total new obligations (-)	-93	-157	-52
24.40 Unobligated balance carried forward, end of year	200	87	63
New budget authority (gross), detail:discretionary			
40.00 Appropriation	36	37	24
40.01 Appropriation Recovery Act Supplemental	115		
43.00 Appropriation (total, discretionary)	151	37	24
Discretionary spending authority from offsetting collections			
58.00 Offsetting collections (cash)	1	2	2
70.00 Total new budget authority (gross)	152	39	26
Change in obligated balances			
72.40 Obligated balance, start of year	67	68	100
73.10 Total New obligations	93	157	52
73.20 Total outlays (gross) (-)	-85	-120	-128
73.45 Recoveries of prior year obligations (-)	-6	-5	-2
74.00 Change in uncollected customer payments	-1		
74.40 Obligated balance, end of year	68	100	22
Outlays (gross) detail:			
86.90 Outlays from new discretionary authority	21	9	7
86.93 Outlays from discretionary balances	64	111	121
87.00 Total outlays (Gross)	85	120	128

Standard Form 300

DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE
CONSTRUCTION

Program and Financing (in million of dollars)

Identification code 14-1612-0-1-303	2009 actual	2010 estimate	2011 estimate
Offsets against gross BA and outlays:			
Offsetting collections from:			
88.00 Federal sources	0	2	2
Net budget authority and outlays:			
89.00 Budget Authority	151	37	24
90.00 Outlays	85	118	126
Direct Obligations:			
Personnel compensation:			
11.11 Full-time permanent	8	8	7
11.13 Other than full-time permanent		3	2
11.19 Total personnel compensation	8	11	9
11.21 Civilian personnel benefits	2	3	2
12.10 Travel and transportation of persons	1	3	2
23.1 Rental payments to GSA	1	1	1
23.3 Communications, utilities and misc. charges	0	3	2
25.2 Other Services	22	24	9
25.3 Purchase of goods from Government accounts	14	13	5
25.4 Operation and maintenance of facilities	3	14	3
25.7 Operation and maintenance of equipment	0	4	3
26.0 Supplies and materials	1	21	1
31.0 Equipment	3	7	2
32.0 Land and structures	35	47	9
41.0 Grants, subsidies and contributions	2	3	2
99.0 Subtotal obligations, Direct Obligations	92	154	50
99.0 Reimbursable obligations			
23.2 Land and Structures	1	2	2
99.5 Below reporting threshold		1	
99.9 Total, new obligations	93	157	52

Personnel Summary

Identification code 14-1612-0-1-303	2009 actual	2010 estimate	2011 estimate
Direct:			
10.01 Civilian full-time equivalent employment	102	133	97