

**U.S Fish and Wildlife Service
PROJECT DATA SHEET**

Total Project Score/Ranking:	N/A
Planned Funding FY	2021
Funding Source:	Legacy Restoration Fund

Project Identification

Project Title:	F001 – National Hire of Wage Grade (WG) Professionals to Stand Up 12 Maintenance Action Team (MAT) Strike Forces		
Project No:	Various	Unit/Facility Name:	Multiple Locations
Region:	Nationwide	Congressional District:	Various
IR:	Various	Various	State: Multiple Locations

Project Justification (No Asset-Level Table Presented)

Project Description (PD):

The U.S. Fish and Wildlife Service (FWS) will hire and form 12 Maintenance Action Team (MAT) Strike Forces to integrate, initiate, and execute earthwork, water management, and other civil works rehabilitation projects. The use of Wage Grade professionals to accomplish these project types in-house will be accomplished by leveraging existing annual, deferred and FLTP funds, as well as partner contributions when available, to address deferred maintenance (DM) projects at multiple field stations. The utilization of MAT teams for internal project execution has resulted in an average savings of 30-70 percent over contracted construction costs.

Specific to the GAOA, the MAT Strike Force teams will be primarily located at the National Wildlife Refuges receiving the project funding. Hiring will be accomplished through nationwide recruitment.

Scope of Benefits (SB):

Project Selection Criteria / GAOA Strategy Alignment: • 1.1 Restore & Protect High Visitation / Public Use Facilities • 1.3 Expand Recreation Opportunities and Public Access • 2.1 Reduce or Eliminate Deferred Maintenance • 2.2 Leverage Funding / Pursue Partnering Opportunities • 3.1 Address Safety Issues • 4.1 Modernize Infrastructure

Individual field station annual operations and maintenance costs will be reduced by addressing the holistic, core issues on the specific project instead of the current piecemeal frequent fixes that erode annual budgets. Additionally, safety and liability issues stemming from reoccurring damage issues will be largely eliminated with the end result of a safer facility with enhanced public access and a more favorable visitor experience. An enhanced visitor experience should result in increased visitation and overall public support for the Refuge.

Investment Strategy (IS):

The anticipated DM reduction from the use of these Strike Force teams is estimated at \$13,806,000 for FY 2021 and \$15,340,000 for FY22. GAOA funding will be leveraged with private, regional, and/or station funds to maximize the return on the GAOA investment and to ensure full project completion.

One of the intents of the execution of the GAOA program is to fully address the deferred maintenance at selected refuges. Comprehensive project planning at the refuges will provide a source for the most suitable projects to be executed with the Strike Force teams. The completion of these projects will contribute to the overall backlog reduction at the indicated refuge. Since this is a multi-refuge effort, this Project Data Sheet does not include any specific refuge's entire backlog.

Consequences of Failure to Act (CFA):

Throughout the National Wildlife refuge System, individual refuges maintain a tremendous network of gravel roads, multi-use trails, and stabilized levee and impoundment systems utilized for public and management access into some of the most pristine areas of the country. The direct benefits of utilizing Wage Grade professionals to accomplish this in-house project execution work are the following:

1. Forces can rapidly improve public and management access into existing areas for an increase in public use and hunting and fishing access opportunities.
2. Existing heavy equipment will be utilized to improve the return on investment.
3. In-house Wage Grade professionals can be more flexible and proactive in executing the work based on weather conditions, seasonal flooding, or other issues impacting the specific refuges by working on other preventative and life-cycle maintenance requirements when field conditions stall an ongoing project. This will prevent downtime and prevent or eliminate additional deferred maintenance.
4. The hiring and use of Wage Grade professionals benefits local economies by providing employment and job training opportunities.
5. The projects can be executed more rapidly than those bundled with larger contracts requiring Architect and Engineering design services and contractor sequencing.
6. The use of standing MATs provides an inherent flexibility to take advantage of yearly funding authorizations for the rapid execution and obligation of available funding. The opportunity to holistically address the DM backlog at these refuges will enable refuge management staffs to strategically partner with non-profit groups for enhanced management capabilities at their stations (i.e. North American Waterfowl Conservation Agreement (NAWCA) restorations tied to access routes, etc.)

Ranking Categories:

FCI/API (40%)	API 0	FCI 0.00	Score = (.40 x 0) = 0	0
SB (20%)		Actual FCI 0.00	Score = (.20 x 0) = 0	0
IS (20%)			Score = (.20 x 0) = 0	0
CFA (20%)			Score = (.20 x 0) = 0	0

Combined ranking factors = (.40 x API/FCI score) + (.20 x SB score) + (.20 x IS score) + (.20 x CFA score)

Capital Asset Planning	Exhibit 300 Analysis Required:	No	Total Project Score	Not Scoreable
VE Study:	Scheduled (YY)	Completed (YY)		

Project Costs and Status					
Project Cost Estimate (this PDS):		Project Funding History (entire project):		\$'s	
Deferred Maintenance Work:	\$'s	%	Appropriated to Date:		\$'s
	\$7,440,000	100			\$ 0
Capital Improvement Work:	\$0	0	Requested in FY:	2021	Budget:
Total:	\$7,440,000	100	Estimated FY21 non-GAOA Funding:		\$ 7,440,000
			Future GAOA Funding Needed to Complete Project:		\$ 8,000,000
			Future non-GAOA Funding Needed to Complete Project:		\$ 69,840,000
			Total:		\$ 77,280,000
					\$ 162,560,000
Class of Estimate: A,B,C	N/A		Planning and Design Funds: \$'s		\$'s
Estimate Escalated to FY:	N/A		Planning Funds Received in		\$0
			Design Funds Received in		\$0
Dates:	Sch'd		Project Data Sheet	(mm/yy)	DOI Approved:
Construction Start/Award: (QTR/YY)	N/A		Prepared/Last Updated	01/21	Yes
Project Complete: (QTR/YY)	N/A				
Annual Operation & Maintenance Costs (\$)					
Current:	N/A	Projected:	N/A	Net Change:	N/A

**U.S Fish and Wildlife Service
PROJECT DATA SHEET**

Total Project Score/Ranking:	70
Planned Funding FY	2021
Funding Source: Legacy Restoration Fund	

Project Identification

Project Title:	F002 - Consolidate and Modernize Public Use Facilities and Improve Recreational Access		
Project No:	2021343896	Unit/FacilityName:	Wichita Mountains Wildlife Refuge
Region:	SOUTHWEST	Congressional District:	04
IR:	6	ARKANS-A-RO GRANDE-TEXAS GULF	OK

Project Justification

DOI Asset Code	FRPP Unique Id #	Description	API	FCI-Before
35410100	10008441	BLDG WH FIRE CACHE, FIRE CACHE BUILDING, METAL	100	1.00
35300200	10008418	BLDG QTRS#005, RESIDENCE, BUFFALO LODGE	80	1.00
35801600	10008446	BLDG DET GARAGE, NORTH OF RESIDENCE 11	65	1.00
35410300	10008452	BLDG WH EQUIP VEHICLE, 12 STALL, MAINTENANCE & LE	80	1.00
35300200	10008413	BLDG QTRS#001, RESIDENCE	80	0.41
35801600	10008448	BLDG DET GARAGE, BY RESIDENCES 3 & 4, GRANITE	65	1.00
35300200	10008420	BLDG QTRS#007, RESIDENCE	80	1.00
35600100	10008429	BLDG MAINT SHOP, VEHICLE AND SHOP MAINTENANCE	80	1.00
35801600	10008449	BLDG DET GARAGE, AT QUANAH PARKER (QTRS 8)	65	1.00
35410600	10065282	BLDG WH CHEMICAL, CHEMICAL STORAGE BUILDING	100	1.00
35410300	10008451	BLDG WH EQUIP VEHICLE, 14 STALL FOR FIRE VEHICLES	80	1.00
35300200	10008415	BLDG QTRS#002, RESIDENCE B002	80	0.91
35410600	10008439	BLDG WH CHEMICAL, FLAMMABLE/OIL STORAGE, RED BRICK	80	1.00
35800400	10008436	BLDG MULTI-PURPOSE, BLACKSMITH SHOP/STORAGE	80	1.00
35801600	10008447	BLDG DET GARAGE, SOUTH OF RESIDENCE 11	65	1.00
35410300	10008440	BLDG WH EQUIP VEHICLE, WAREYARD METAL STORAGE BLDG	80	1.00
35410600	10008438	BLDG WH CHEMICAL, CHEMICAL STORAGE, GRANITE STONE	80	1.00
35100000	10008427	BLDG OFFICE, REFUGE HEADQUARTERS, RED BRICK	100	0.03
35800500	10008471	BLDG STABLE, OLD HORSE BARN/STORAGE, TRAILER PADS	80	1.00
35410300	10056717	BLDG WH EQUIP VEHICLE, NEW STORAGE HEAVY EQUIPMENT	50	0.12
35300200	10008416	BLDG QTRS#003, RESIDENCE	80	0.75
35410600	10065283	BLDG WH CHEMICAL, OIL AND PAINT STORAGE BUILDING.	100	1.00

35300200	10008417	BLDG QTRS#004, RESIDENCE	80	0.75
35300200	10008425	BLDG QTRS#012, RESIDENCE	80	1.00
35100000	10008435	BLDG OFFICE, FIRE OFFICE, GRANITE STONE	65	1.00
40400500	10006177	TANK FUEL PRESS, FUEL CELL, ABOVE GROUND CONCRETE	0	1.00
35410300	10006153	BLDG WH EQUIP VEHICLE, STORAGE (OLD RPI NUMBER 1	0	1.00
35100000	10006124	BLDG OFFICE, ADMIN OFFICE (OLD RPI NUMBER 9)	10	1.00
35600100	10006126	BLDG MAINT SHOP, VOC. SHOP, HEALTH OCCUP. TRNG. (0	1.00
40710800	10006178	SEWAGE FACILITY, WASTE WATER TREATMENT SYSTEM (OL	0	1.00
35410300	10006161	BLDG WH EQUIP VEHICLE, STORAGE (OLD RPI NUMBER 1	0	1.00
35600100	10006170	BLDG MAINT SHOP, VOC. SHOP (CARP #2) (OLD RPI NUM	0	1.00
35600100	10006176	BLDG MAINT SHOP, MASONARY BRICK, SHOP (OLD RPI NU	0	1.00
35230900	10006159	BLDG EDUCATION, EDUCATION BUILDING (OLD RPI NUMBE	0	1.00
35291100	10006136	BLDG GYM, GYM/CANTEEN/WEIGHT ROOM W/PATIO (OLD RP	0	1.00
35410300	10006137	BLDG WH EQUIP VEHICLE, STORAGE BUILDING- METAL FRAM	0	1.00
40161800	10006125	WATER PUMP STATION, VOC. BRK./BRICK MASON (OLD RP	0	1.00
35300200	10006152	BLDG QTRS#000, RESIDENCE (OLD RPI NUMBER 112)	0	1.00
35600100	10006139	BLDG MAINT SHOP, VOC. SHOP (CARP.) (OLD RPI NUMBE	0	1.00
35600100	10006149	BLDG MAINT SHOP, VOC. SHOP UNION BLDG, (OLD RPI N	0	1.00
40710000	10006130	UTILITY SYS, WATER AND FIRE SUPPRESSION SYSTEM FOR	0	1.00
35410300	10006165	BLDG WH EQUIP VEHICLE, STORAGE, OPEN (OLD RPI NUM	0	1.00
35600100	10006135	BLDG MAINT SHOP, VOC. SHOP, MAINT/REC (OLD RPI N	0	1.00
35310000	10006169	BLDG QTRS#000 BUNK, DORMITORY, DEER (OLD RPI NUMB	0	1.00
40400100	10006128	TANK WATER, CONCRETE DOMESTIC WATER STORAGE TANKS	0	1.00
35310000	10006167	BLDG QTRS#000 BUNK, DORMITORY (BUFFALO) (OLD RPI	0	1.00
35100000	10006144	BLDG OFFICE, C/M SUPV. OFFICE (OLD RPI NUMBER 89	10	1.00

35410300	10006158	BLDG WH EQUIP VEHICLE, SAND AND GRAVEL STORAGE BUI	0	1.00
35801100	10006163	BLDG LAUNDRY, LAUNDRY/WAREHOUSE/VO C. (OLD RPI NUM	0	1.00
35291400	10006155	BLDG CAFETERIA, CAFETERIA (OLD RPI NUMBER 118)	0	1.00
40720100	10006140	TELECOM SYSTEM, SIREN AT ADMINISTRATION BUILDING,	0	1.00
40710900	10006129	SEPTIC, SEWAGE SYSTEM, PIPE AND LAGOON (OLD RPI N	0	1.00
35310000	10006156	BLDG QTRS#000 BUNK, DORMITORY (BOBCAT) (OLD RPI N	0	1.00
40800200	10008430	FENCE, CEDAR AND CHAINLINK FENCE WITH 4 CATTLEGUAR	0	1.00
35100000	10006172	BLDG OFFICE, OFFICE, VOCATIONAL (OLD RPI NUMBER	0	1.00
35410100	10006174	BLDG WH FIRE CACHE, FIRE SUPPRESSION STATION (OLD	0	1.00
35410300	10006150	BLDG WH EQUIP VEHICLE, STORAGE (PLASTER) (OLD RPI	0	1.00
35410300	10006173	BLDG WH EQUIP VEHICLE, WATER PLANT (OLD RPI NUMBE	0	1.00

Project Description (PD):

This project will co-locate and consolidated multiple facilities to improve efficiency, modernize transportation infrastructure, and demolish unnecessary infrastructure to eliminate the deferred maintenance backlog by an estimated \$18.3 million (this phase) and reduce the annual operating costs at Wichita Mountains National Wildlife Refuge. The intent of the project is to plan, design and construct a 13,540 sf administrative headquarters building and a 12,000 sf multi-purpose maintenance/fire cache building, and 2,500 sf bunkhouse to replace inefficient and geographically dispersed facilities. In addition, this project will also include the cleanup of the abandoned Treasure Lake Job Corps Civilian Conservation Center site and the renovation of the existing visitor center. The energy efficient facilities will reduce annual operating costs and greatly increase logistical capabilities for administering natural resource protection and public use programs by providing centrally located office and meeting space for 31 permanent, seasonal staff, fire crew, and volunteers, and by providing secure and sufficient parking for employees and visitors. Individual projects addressed will incorporate proper ADA/ABA accessibility requirements.

Scope of Benefits (SB):

•1.1 Restore & Protect High Visitation / Public Use Facilities •1.2 Improve ADA Accessibility •1.3 Expand Recreation Opportunities and Public Access •1.4 Remediate Poorest FCI Facilities •2.1 Reduce or Eliminate Deferred Maintenance •2.2 Leverage Funding / Pursue Partnering Opportunities •2.3 Reduce Annual Operating Costs •2.4 Remove, Replace, or Dispose of Assets •4.1 Modernize Infrastructure

Investment Strategy (IS):

Deferred Maintenance reduction: 78% Capital Improvement: 0% Lifecycle Investments: \$5,051,045.00, Demo Summary: \$5,083,690 Transportation costs \$451,000. Demolished infrastructure: 6,914 sf admin building, 3,096 sf shop, 5,304 sf vehicle shop, 8 residences totaling 12,996 sf, 3 residential garages totaling 3,187 sf, 3,200 sf metal storage building, 2,550 sf fire storage building, 4,083 sf vehicle storage building, 1,998 sf fire office building, 3,200 sf fire cache, 1,664 sf horse barn, 6 chemical storage buildings totaling 2,044 sf, 2,100 sf heavy equipment storage building and the cleanup of the Job Corps site includes the removal of 26 buildings totaling roughly 102,000 sf.

Consequences of Failure to Act (CFA):

Consolidating an administrative building and multi-purpose maintenance/fire building and bunkhouse and modernizing transportation infrastructure will expand recreation opportunities and public access, and address health and safety issues for staff and visitors. The National Dam Safety program has provided for 2 remediation projects for High Hazard Dams. In addition, since the proposed Admin/Maintenance facilities would be relocated to an area closer to the Visitor Center, there would be the opportunity for a MAT strike force to demo those buildings as well. The Renovate the Rt #014 Meers Road project will include the road/shoulder, 4 parking areas/pull outs and adding a bike lane.

Ranking Categories:

FCI/API (40%)	API <u>100</u> Actual FCI <u>0.00</u>	FCI (weighted)	0.55	Score = (.40 x 75) = 30
SB (20%)				Score = (.20 x 100) = 20
IS (20%)				Score = (.20 x 100) = 20
CFA (20%)				Score = (.20 x 0) = 0

Combined ranking factors = (.40 x API/FCI score) + (.20 x SB score) + (.20 x IS score) + (.20 x CFA score)

<u>Capital Asset Planning</u>		Exhibit 300 Analysis Required: Yes			Total Project Score	70
VE Study:	N	Scheduled (YY)	Completed (YY)			
Project Costs and Status						
Project Cost Estimate (this PDS):		\$'s	%	Project Funding History (entire project):		\$'s
Deferred Maintenance Work:		\$22,618,000	100	Appropriated to Date:		\$0
Capital Improvement Work:		\$0	0	Requested in FY:	2021	Budget:
Total:		\$22,618,000	100	Future Funding to Complete Project:		\$22,618,000
				Total:		\$6,427,000
						\$29,045,000
Class of Estimate: A,B,C		C	Planning and Design Funds: \$'s			\$'s
Estimate Escalated to FY: (yy):			Planning Funds Received in			\$0
			Design Funds Received in			\$0
Dates:		<u>Sch'd</u>	Project Data Sheet		(mm/yy)	DOI Approved:
Construction Start/Award: (QTR/YY)		3/21	Prepared/Last Updated		01/21	Yes
Project Complete: (QTR/YY)		3/25				
Annual Operation & Maintenance Costs (\$s)						
Current:	\$121,445	Projected:	\$72,863	Net Change:	-\$48,582	

**U.S Fish and Wildlife Service
PROJECT DATA SHEET**

Total Project Score/Ranking:	70
Planned Funding FY	2021
Funding Source: Legacy Restoration Fund	

Project Identification

Project Title:	F003 - Modernize Infrastructure to Improve Waterfowl Hunting Areas and Improve Recreational Access		
Project No:	2021343905	Unit/FacilityName:	Camas NWR
Region:	PACIFIC	Congressional District:	02
IR:	9	COLUMBIA-PACIFIC NORTHWEST	State: ID

Project Justification

DOI Asset Code	FRPP Unique Id #	Description	API	FCI-Before
40160400	10064469	CANAL, MAIN CANAL	100	0.22
40161800	10005864	WATER PUMP STATION, WELL #8	100	0.62
40160400	10051590	CANAL, INDEPENDENT DITCH CANAL	100	0.54
40760200	10047014	RT#011, WILDLIFE VIEWING ROUTE - TOOMEY POND	80	0.24
40161800	10005853	WATER PUMP STATION, WELL #3	100	1.00

Project Description (PD):

This project will rehabilitate the water delivery systems of Camas National Wildlife Refuge. These systems were originally built in the 1960s when Camas Creek typically ran every year and water flowed freely from artesian wells. Changes in local agricultural practices since the 1980's have altered the hydrology of the area, making it difficult to manage water effectively for migratory birds and other wildlife. Today, the Refuge relies heavily on deep ground water wells to augment limited water received from Camas Creek.

This project proposes to:

- Relocate wells closer to the most productive wetlands
- Replace and/or rehabilitate three miles of open water delivery ditches
- Relocate the Camas Creek diversion structure, improving wetlands within the waterfowl hunting area
- Restore riparian areas
- Improve public use facilities along the 6.3 mile auto-tour route:
 - * Refurbish the main visitor kiosk
 - * Develop informational signs along the auto-tour route
 - * Resurface the road with gravel
 - * Construct ADA accessible hunting and photography blinds

Scope of Benefits (SB):

Project Selection Criteria / GAOA Strategy Alignment: • Restore & Protect Public Use Facilities • 1.2 Improve ADA Accessibility • 1.3 Expand Recreation Opportunities and Public Access • 2.1 Reduce or Eliminate Deferred Maintenance • 2.2 Leverage Funding / Pursue Partnering Opportunities • 2.3 Reduce Annual Operating Costs • 2.4 Remove, Replace or Dispose of Assets • 4.1 Modernize Infrastructure

Investment Strategy (IS):

Overall, the completion of these projects will have an immense impact on the station level DM backlog, decreasing it by approximately \$11 million and possibly more by creating the opportunity to leverage FLTP funds. Utility cost savings directly translates into an increase in the acreage of wetlands managed by the Refuge. Further, by modernizing the open water ditch delivery systems with a lining or converting to a piped delivery system, less water will be lost to infiltration and evapotranspiration, making more efficient use of the pumped groundwater. By rehabilitating and modernizing the Refuge infrastructure, annual operations and maintenance needs will also decrease through a reduction in utility costs.

Consequences of Failure to Act (CFA):

Failure to complete this project would have a negative impact on several waterfowl species as well as public visitation. Additionally, 2,500 acres of migratory bird habitat would continue to be dry, affecting waterfowl, White-faced Ibis, Trumpeter Swans, American Avocets, Black-necked Stilts. Continued dry hunt units will result in less habitat available to hunters. Failure to address the auto-tour route will continue to decrease access to those with mobility-impairments, safety concerns for visitors and employees using refuge roads in their current state.

Ranking Categories:

FCI/API (40%)	API 100	FCI (weighted)	0.87	Score = (.40 x 75) = 30
SB (20%)	Actual FCI 0.00			Score = (.20 x 100) = 20
IS (20%)				Score = (.20 x 50) = 10
CFA (20%)				Score = (.20 x 50) = 10

Combined ranking factors = (.40 x API/FCI score) + (.20 x SB score) + (.20 x IS score) + (.20 x CFA score)

Capital Asset Planning	Exhibit 300 Analysis Required: No	Total Project Score 70
VE Study: N	Scheduled (YY)	Completed (YY)

Project Costs and Status					
<u>Project Cost Estimate (this PDS):</u>		<u>Project Funding History (entire project):</u>		\$'s	
Deferred Maintenance Work:	\$'s	100	Appropriated to Date:		\$229,000
Capital Improvement Work:	\$0	0	Requested in FY:	<u>2021</u>	Budget: \$6,883,000
Total:	\$6,883,000	100	Future Funding to Complete Project:		\$763,000
			Total:		\$7,875,000
Class of Estimate: A,B,C	C	Planning and Design Funds: \$'s		\$'s	
Estimate Escalated to FY: (yy):		Planning Funds Received in		2020	\$229,000
		Design Funds Received in			
Dates:	<u>Sch'd</u>	<u>Project Data Sheet</u>	(mm/yy)	<u>DOI Approved:</u>	
Construction Start/Award: (QTR/YY)	<u>3/21</u>	Prepared/Last Updated	<u>01/21</u>	Yes	
Project Complete: (QTR/YY)	<u>4/23</u>				
Annual Operation & Maintenance Costs (\$s)					
Current:	\$1,264	Projected:	\$1,800	Net Change:	\$536

**U.S Fish and Wildlife Service
PROJECT DATA SHEET**

Total Project Score/Ranking:	80
Planned Funding FY	2021
Funding Source: Legacy Restoration Fund	

Project Identification

Project Title:	F004 -Modernize Public Use Facilities, Repair Seismic Issues and Improve Recreational Access		
Project No:	2020339886	Unit/FacilityName:	Crab Orchard NWR
Region:	MIDWEST	Congressional District:	12
IR:	3	GREAT LAKES	IL

Project Justification

DOI Asset Code	FRPP Unique Id #	Description	API	FCI-Before
40710700	10013505	WASTEWATER SYSTEM, SEWAGE LINES (SOUTH OF VC)	50	1.00
40710400	10013493	WATER DIST PROD, WATER PIPE (NORTH OF VC)	80	0.21
40710400	10013494	WATER DIST PROD, WATER PIPE (SOUTH OF VC)	65	1.00
35290800	10013416	BLDG VCS, CRAB ORCHARD VISITOR CENTER BLDG A-3-2	50	1.00
40710700	10013504	WASTEWATER SYSTEM, SEWAGE LINES (NORTH OF VC)	50	1.00
35800400	10013481	BLDG MULTI-PURPOSE, VETERANS HAVEN	30	0.08
40162000	10013508	DAMS HIGH SIGNIFICANT HAZARD - LITTLE GRASSY DAM	100	1.00

Project Description (PD):

The initial phase of this project at Crab Orchard National Wildlife Refuge will include the following:

- The repair and/or replacement of waterlines and sewer lines in the north half of the refuge. Both systems have numerous issues with leaks and the Refuge is losing thousands of dollars each year due to lost billing revenue.
- The repair and/or replacement of damaged concrete on three high hazard dams.
- The replacement of the Visitor Center which is beyond its useful life cycle.
- Addressing seismic deficiencies at the Veteran's Haven Building.
- The demolition of excess facilities to reduce annual operating costs.
- The modernization of campground facilities and related outdoor recreation infrastructure such as the replacement of outdated shower buildings, replacement of water lines, reshaping of campsites, and repairing the campground roads.

Crab Orchard Refuge was established in 1947 with four primary purposes: wildlife conservation, agriculture, industry and recreation. Consequently, the Refuge manages a complex system of infrastructure that includes over 1 million square feet of building space, most of which is leased to private industry, campgrounds, marinas, boat launches, beaches, trails, roads and privately run group camps. The Refuge is responsible for supplying water and sewer services to both owned and leased buildings. There are also three high hazard dams on the Refuge that require constant monitoring and upkeep. All projects undertaken would have the appropriate ADA/ABA accessibility issues addressed.

Scope of Benefits (SB):

- 1.1 Restore & Protect High Visitation / Public Use Facilities • 1.2 Improve ADA Accessibility • 1.3 Expand Recreation Opportunities and Public Access • 1.4 Remediate Poorest FCI Facilities • 2.1 Reduce or Eliminate Deferred Maintenance • 2.2 Leverage Funding / Pursue Partnering Opportunities • 2.3 Reduce Annual Operating Costs • 2.4 Remove, Replace, or Dispose of Assets • 3.1 Address Safety Issues • 4.1 Modernize Infrastructure

Investment Strategy (IS):

Repairing or replacing the leaking water and sewer lines will save the facility thousands of dollars in lost revenue from leaks within the system. Repairing the campground facilities will make these areas both safer and more attractive for visitors, resulting in increased use. These projects will also modernize several key pieces of infrastructure, which will reduce the long-term maintenance costs.

Consequences of Failure to Act (CFA):

Phase 1 of this project will meet several goals and objectives of the Department. The project will reduce the deferred maintenance backlog for several mission critical assets including water lines, sewer lines, high hazard dams and roads. This project will also directly enhance public use by making needed repairs to the campground area.

Ranking Categories:

FCI/API (40%)	API <u>100</u>	FCI (weighted)	0.86	Score = (.40 x 75) = <u>30</u>
SB (20%)	Actual FCI <u>0.00</u>			Score = (.20 x 100) = <u>20</u>
IS (20%)				Score = (.20 x 100) = <u>20</u>
CFA (20%)				Score = (.20 x 50) = <u>10</u>

Combined ranking factors = (.40 x API/FCI score) + (.20 x SB score) + (.20 x IS score) + (.20 x CFA score)

Capital Asset Planning	Exhibit 300 Analysis Required: Yes	Total Project Score	80
VE Study: N	Scheduled (YY)	Completed (YY)	

Project Costs and Status

Project Cost Estimate (this PDS):	\$'s	%	Project Funding History (entire project):	\$'s
Deferred Maintenance Work:	\$24,929,000	100	Appropriated to Date:	\$750,000
Capital Improvement Work:	\$0	0	Requested in FY: <u>2021</u>	Budget: \$24,929,000
Total:	\$24,929,000	100	Future Funding to Complete Project:	\$3,329,000
			Total:	\$29,008,000

Class of Estimate: A,B,C
C
Planning and Design Funds: \$'s
\$'s

Estimate Escalated to FY: (yy):	Planning Funds Received in	\$0
	Design Funds Received in	\$0

Dates:
Sch'd
Project Data Sheet
(mm/yy)
DOI Approved:

Construction Start/Award: (QTR/YY)	<u>3/21</u>	Prepared/Last Updated	<u>01/21</u>	Yes
Project Complete: (QTR/YY)	<u>3/24</u>			

Annual Operation & Maintenance Costs (\$s)

Current: \$70,352	Projected: \$29,914	Net Change: -\$40,438
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**U.S Fish and Wildlife Service
PROJECT DATA SHEET**

Total Project Score/Ranking:	90
Planned Funding FY	2021
Funding Source:	Legacy Restoration Fund

Project Identification

Project Title:	F005 - Consolidate and Modernize Public Use Facilities, Improve Waterfowl Hunting Areas and Improve Recreational Access		
Project No:	2021343838	Unit/FacilityName:	Tule Lake NWR
Region:	PACIFIC SOUTHWEST	Congressional District:	02
IR:	10	CALIFORNIA GREAT BASIN	

Project Justification

DOI Asset Code	FRPP Unique Id #	Description	API	FCI-Before
35100000	10001445	BLDG OFFICE BIOLOGY BUILDING	100	1.00
35100000	10001345	BLDG OFFICE HEADQUARTERS OFFICE	100	0.99
35410300	10001353	BLDG WH EQUIP VEHICLE STORAGE, DUCK HOSPITAL	80	1.00
40660100	10050823	RT#905, VISITOR CENTER BUS PARKING	65	1.00
40660100	10049183	RT#900, HEADQUARTERS PARKING	100	1.00
40660100	10001375	RT#904, DISCOVERY MARSH TRAIL PARKING	80	1.00

Project Description (PD):

This project will consist of the following components.

- The relocation and modernization of the headquarters and visitor center facility. The building and adjacent area would be built to current ADA and ABA standards allowing improved accessibility for the public and employees. This project will include the demolition of unnecessary infrastructure to eliminate deferred maintenance.
- The modernization of the transportation infrastructure to eliminate deferred maintenance, improve outdoor recreational access, and will support access to wildlife habitat and high use waterfowl hunting areas.

The Tule Lake National Wildlife Refuge headquarters and visitor center was constructed in 1984. This building was not sited well and was poorly designed and constructed. Recent Architect/Engineer inspections have indicated systemic structural and seismic deficiencies that require replacement of the structure instead of rehabilitation. The current building is located at the base of a hill and poses a health and safety risk due to rock slides and water infiltration. Based on the combination of the issues, age, and annual maintenance expenses associated with the building, the determination was made to relocate and replace the building. The replacement facility will reduce operation and maintenance costs through the demolition of three buildings and colocation into one facility. Based on the age and condition of the existing parking lots, they will be replaced and relocated with the new location of the building.

GAOA funding will be requested to complete the remaining deferred maintenance (DM) backlog along with leveraging appropriated deferred maintenance funding where suitable. This work will be completed in accordance with a masterplan approach to ensure the priority order for buildings, roads, and water systems.

Scope of Benefits (SB):

Project Selection Criteria / GAOA Strategy Alignment: • 1.1 Restore & Protect High Visitation / Public Use Facilities • 1.2 Improve ADA Accessibility • 1.3 Expand Recreation Opportunities and Public Access • 1.4 Remediate Poorest FCI Facilities • 2.1 Reduce or Eliminate Deferred Maintenance • 2.2 Leverage Funding / Pursue Partnering Opportunities • 2.3 Reduce Annual Operating Costs • 2.4 Remove, Replace, or Dispose of Assets • 4.1 Modernize Infrastructure

Investment Strategy (IS):

Deferred Maintenance Reduction: This project is a lifecycle replacement and the new facility will have reduced annual operating costs due to energy efficiencies and the new status of the structure. There is a total deferred maintenance reduction of \$9.5 million anticipated from both aspects of this project. Deferred Maintenance: \$8,792,216 (\$8,530,000 Project Estimate + \$262,216 Appropriated to date); Capital improvement: \$0 Lifecycle Improvement: \$0 Project Add-ons: \$493,080 (Administration 3%; Project Management 15%; Construction Management 2%); Demolition Cost Estimate: TBD pending further project development; Transportation Related Costs: \$260,000 (included in DM above)

Consequences of Failure to Act (CFA):

Failure to act will cause the asset to deteriorate further and will cost the service more money to correct the deficiencies at a later time. It also places the staff and public safety at risk if it is not resolved. FLTP funds will be leveraged to complete capital improvements to transportation infrastructure.

Ranking Categories:

FCI/API (40%)	API	100	FCI (weighted)	0.83	Score = (.40 x 75) =	30
SB (20%)	Actual FCI	0.00			Score = (.20 x 100) =	20
IS (20%)					Score = (.20 x 100) =	20
CFA (20%)					Score = (.20 x 100) =	20

Combined ranking factors = (.40 x API/FCI score) + (.20 x SB score) + (.20 x IS score) + (.20 x CFA score)

<u>Capital Asset Planning</u>		Exhibit 300 Analysis Required: No			Total Project Score	90
VE Study:	C	Scheduled Completed (YY) (YY)				
Project Costs and Status						
Project Cost Estimate (this PDS):	\$'s	%	Project Funding History (entire project):		\$'s	
Deferred Maintenance Work:	\$9,409,000	100	Appropriated to Date:		\$262,216	
Capital Improvement Work:	\$0	0	Requested in FY:	2021	Budget:	\$9,409,000
Total:	\$9,409,000	100	Future Funding to Complete Project:			\$383,000
			Total:			\$10,054,216
Class of Estimate: A,B,C	C		Planning and Design Funds: \$'s		\$'s	
Estimate Escalated to FY: (yy):			Planning Funds Received in		\$0	
			Design Funds Received in		\$0	
Dates:	<u>Sch'd</u>		Project Data Sheet	(mm/yy)	DOI Approved:	
Construction Start/Award: (QTR/YY)	3/21		Prepared/Last Updated	01/21	Yes	
Project Complete: (QTR/YY)	4/23					
Annual Operation & Maintenance Costs (\$s)						
Current:	\$11,350		Projected:	\$1,361	Net Change:	-\$9,989

**U.S Fish and Wildlife Service
PROJECT DATA SHEET**

Total Project Score/Ranking:	80
Planned Funding FY	2021
Funding Source: Legacy Restoration Fund	

Project Identification

Project Title:	F006-Consolidate and Modernize Public Use Facilities and Improve Recreational Access		
Project No:	2020339887	Unit/FacilityName:	Seney NWR
Region:	MIDWEST	Congressional District:	01
IR:	3	GREAT LAKES	MI

Project Justification

DOI Asset Code	FRPP Unique Id #	Description	API	FCI-Before
35410300	10010341	BLDG WH EQUIP VEHICLE BOAT HOUSE (W OF YCC BARN)	50	0.31
40751100	10010432	RT#T400, PINE RIDGE NATIONAL REC TRAIL	65	0.16
35240200	10010358	BLDG, PIT TOILET WIGWAM PICNIC AREA	50	0.92
40750200	10010445	PICNIC AREA, SHOW POOLS, W/PAVILION, KIOSK	30	0.18
40760100	10010461	RT#010, HQ ENTRANCE RD	65	0.18
40760200	10010464	RT#011, MARSHLAND WILDLIFE DRIVE	65	0.14
40161900	10036037	NID#MI00642, DAM LOW HAZARD DELTA CREEK POOL W/WCS	100	1.00
35800400	10072239	AUC SENEY HQ/VC		

Project Description (PD):

This project at Seney National Wildlife Refuge consists of the following:

- The demolition and replacement of the existing visitor center and office buildings and replacement of these spaces into a collocated, energy-efficient facility on the site of the aged visitor center. The replacement of the parking areas to account for the new building layout will be incorporated into this work.
- The resurfacing of the entrance road due to pavement failure.
- The rehabilitation of the Pine Ridge Nature Trail.
- Restoration of the wigwam picnic shelter and restroom.
- The completion of the auto tour route driving surface and bridge repairs.
- The demolition of the boat house.
- The demolition of water control structures that are no longer required due to changing management strategies.

Seney National Wildlife Refuge was established in 1935 by Executive Order under the Migratory Bird Conservation Act for the protection and production of migratory birds and other wildlife. The Refuge encompasses approximately 95,238 acres, of which 25,150 acres comprise the Seney Wilderness Area which contains the Strangmoor Bog National Natural Landmark. Seney Refuge is as one of the area's destinations for outdoor enthusiasts who seek to escape the hustle and bustle of day-to-day life. A significant number of visitors are reoccurring out of town visitors. In addition, Seney Refuge's recreational opportunities contribute to the region's ecotourism industry and helps to attract new visitors. Improving and repairing the public use assets will result in a more favorable visitor experience and FWS anticipates an increase in visitation. ADA/ABA accessibility issues will be addressed during the design phase for all projects within this PDS.

Scope of Benefits (SB):

Project Selection Criteria / GAOA Strategy Alignment: • 1.1 Restore & Protect High Visitation / Public Use Facilities • 1.2 Improve ADA Accessibility • 1.3 Expand Recreation Opportunities and Public Access • 1.4 Remediate Poorest FCI Facilities • 2.1 Reduce or Eliminate Deferred Maintenance • 2.2 Leverage Funding / Pursue Partnering Opportunities • 2.3 Reduce Annual Operating Costs • 2.4 Remove, Replace, or Dispose of Assets • 4.1 Modernize Infrastructure

Investment Strategy (IS):

The current phase of GAOA funding will focus on constructing a combined visitor center and office building and leverage Federal Lands Transportation Program (FLTP) funding to improve the auto tour and several other public use assets. The current deferred maintenance backlog at Seney Refuge is \$19,757,865. With this phase of funding, FWS will eliminate more than 50 percent of this backlog. With future GAOA funding, FWS will focus on the remaining buildings, making the necessary repairs to extend their lifespans, and address any remaining backlog projects for public use assets. FWS will also use future funding to begin designs for all the needed bridge and water control structure repairs.

Consequences of Failure to Act (CFA):

Completion of this phase will provide the public with a safe, energy efficient and accessible building to introduce them to the refuge. The building will also result in an annual operations and maintenance cost savings and reduce the station's carbon footprint. The Service will improve visitor and ADA accessibility and safety by repairing roads and public use facilities, removing unneeded infrastructure, and repairing several bridges.

Ranking Categories:

FCI/API (40%)	API <u>100</u>	FCI (weighted)	0.29	Score = (.40 x 75) = <u>30</u>
SB (20%)	Actual FCI 0.00			Score = (.20 x 100) = <u>20</u>
IS (20%)				Score = (.20 x 100) = <u>20</u>
CFA (20%)				Score = (.20 x 50) = <u>10</u>

Combined ranking factors = (.40 x API/FCI score) + (.20 x SB score) + (.20 x IS score) + (.20 x CFA score)

<u>Capital Asset Planning</u>		Exhibit 300 Analysis Required: <u>No</u>	<u>Total Project Score</u> <u>80</u>
VE Study:	N	Scheduled (YY)	Completed (YY)
Project Costs and Status			
Project Cost Estimate (this PDS):	\$'s	%	Project Funding History (entire project): \$'
Deferred Maintenance Work:	\$11,273,000	100	Appropriated to Date: \$0
Capital Improvement Work:	\$0	0	Requested in FY: <u>2021</u> Budget: \$11,273,000
Total:	\$11,273,000	100	Future Funding to Complete Project: \$11,274,000
			Total: \$22,547,000
Class of Estimate: A,B,C	C		Planning and Design Funds: \$'s \$'
Estimate Escalated to FY: (yy):			Planning Funds Received in \$0
			Design Funds Received in \$0
Dates:	Sch'd		Project Data Sheet (mm/yy) DOI Approved:
Construction Start/Award: (QTR/YY)	<u>3/21</u>		Prepared/Last Updated 01/21 Yes
Project Complete: (QTR/YY)	<u>4/23</u>		
Annual Operation & Maintenance Costs (\$s)			
Current: \$36,753	Projected: \$1,045		Net Change: -\$35,708

**U.S Fish and Wildlife Service
PROJECT DATA SHEET**

Total Project Score/Ranking:	90
Planned Funding FY	2021
Funding Source: Legacy Restoration Fund	

Project Identification

Project Title:	F007 - GAOA - Dale Bumpers Project Portfolio - Phase I Design		
Project No:	2020339906	Unit/FacilityName:	Dale Bumpers White River NWR
Region:	SOUTHEAST	Congressional District:	01
IR:	4	MISSISSIPPI BASIN	AR

Project Justification

DOI Asset Code	FRPP Unique Id #	Description	API	FCI-Before
40130500	10019571	BOAT LAUNCH, BIG ISL HORSESHOE LAKE	55	0.88
40130500	10019572	BOAT LAUNCH, JACK'S BAY	55	0.98
40130500	10019574	BOAT LAUNCH, MOON LAKE	55	0.80
40130500	10019575	BOAT LAUNCH, HUDSON'S LANDING	55	0.80
40130500	10019678	BOAT LAUNCH, INDIAN BAY	55	0.52
40130500	10066508	BOAT LAUNCH, PROSPEROUS BAYOU	100	0.63
40130500	10071814	BOAT LAUNCH, FU CHUTE LANDING	55	0.65
40750100	10040119	CAMPGROUND, N. UNIT	55	1.00
40750100	10040121	CAMPGROUND, INDIAN BAY	55	1.00
40750100	10040123	CAMPGROUND, ETHEL BOTTOMS	55	0.93
40750100	10040128	CAMPGROUND, JACKS BAY	55	1.00
40750100	10040131	CAMPGROUND, LEVEE LOOP	55	1.00
40760500	10019520	B.I.#43670-00042, PANTHER BRANCH BRIDGE	100	0.09
40760500	10060245	B.I.#43670-00068, PRAIRIE BAYOU BR	50	0.04
40760500	10040046	B.I.#43670-00077, BIG ISLAND CHUTE BRIDGE	80	0.02
40760500	10019580	B.I.#43670-00118, ESSEX BAYOU BRIDGE	65	0.18
40760200	10040315	RT# 015, SMOKEHOUSE HILL/ESCRONGES LAKE RD	100	0.01
40760200	10040314	RT# 014, HORSESHOE LAKE RD	55	1.00
40760200	10040431	RT# 117ZZ, WOLF LAKE ROADS	70	0.01
40660100	10040069	RT# 902, BUCK LAKE PARKING	55	0.01
40660100	10040071	RT# 905zz, SWAN LAKE PARKING	55	0.02

Project Description (PD):

This project at Dale Bumpers White River National Wildlife Refuge consists of planning and designing for the following projects:

- The repair and/or replacement of seven boat launches and rehabilitation of five campgrounds that provide recreational access to visitors.
- The repair of seven levees that provide waterfowl with critical habitat and visitors with access to viewing platforms.
- The repair of numerous public transportation assets, including 24 parking lots, four road bridges, and eight gravel roads that enable visitor access.

All projects will have ADA/ABA accessibility issues addressed as part of the design process.

Scope of Benefits (SB):

- 1.1 Restore & Protect High Visitation / Public Use Facilities
- 1.2 Improve ADA Accessibility
- 1.3 Expand Recreation Opportunities and Public Access
- 1.4 Remediate Poorest FCI Facilities
- 2.1 Reduce or Eliminate Deferred Maintenance
- 2.2 Leverage Funding / Pursue Partnering Opportunities
- 2.3 Reduce Annual Operating Costs
- 2.4 Remove, Replace, or Dispose of Assets
- 4.1 Modernize Infrastructure

Investment Strategy (IS):

By fully funding these projects, FWS will eliminate over \$3.4 million in planned deferred maintenance (DM). There is a total DM backlog reduction of \$14.4 million anticipated from all phases of this project portfolio. Upon completion of the project portfolio, Refuge maintenance costs against these targeted assets are expected to decrease immediately. Consequently, the Refuge will begin predictive maintenance scheduling to keep assets operational. The Refuge will continue to leverage State and local governments for FLAP and other applicable funding.

Consequences of Failure to Act (CFA):

The project portfolio, if fully funded, clearly demonstrates a major and measurable impact to the Service's operations and maintenance reduction immediately and in the near future. Completion of the selected \$10.4 million DM project portfolio will ultimately provide the Refuge and FWS with the ability to predict and plan future maintenance requirements, through life-cycle maintenance analysis, while aiding in the proper care of a modern facility. Service-provided funding to complement the GAOA funding will be derived from DM and the Federal Lands Transportation Program (FLTP) with an estimated amount of \$1 million combined. Of note, none of the project portfolio is considered capital improvement but rather are traditional repair and replace

Ranking Categories:

FCI/API (40%)	API <u>100</u>	FCI (weighted)	0.22	Score = (.40 x 75) = <u>30</u>
SB (20%)	Actual FCI <u>0.00</u>			Score = (.20 x 100) = <u>20</u>
IS (20%)				Score = (.20 x 100) = <u>20</u>
CFA (20%)				Score = (.20 x 100) = <u>20</u>

Combined ranking factors = (.40 x API/FCI score) + (.20 x SB score) + (.20 x IS score) + (.20 x CFA score)

Capital Asset Planning	Exhibit 300 Analysis Required: No	Total Project Score <u>90</u>
VE Study: N	Scheduled (YY)	Completed (YY)
Project Costs and Status		
Project Cost Estimate (this PDS):	\$'s %	Project Funding History (entire project): \$'
Deferred Maintenance Work:	<u>\$2,170,000</u> 100	Appropriated to Date: <u>\$0</u>
Capital Improvement Work:	<u>\$0</u> 0	Requested in FY: <u>2021</u> Budget: <u>\$2,170,000</u>
Total:	<u>\$2,170,000</u> 100	Future Funding to Complete Project: <u>\$12,220,000</u> Total: <u>\$14,390,000</u>
Class of Estimate: A,B,C	C	Planning and Design Funds: \$'s \$'
Estimate Escalated to FY: (yy):		Planning Funds Received in <u>\$0</u> Design Funds Received in <u>\$0</u>
Dates:	Sch'd	Project Data Sheet (mm/yy) DOI Approved:
Construction Start/Award: (QTR/YY)	<u>3/21</u>	Prepared/Last Updated <u>01/21</u> Yes
Project Complete: (QTR/YY)	<u>4/23</u>	
Annual Operation & Maintenance Costs (\$s)		
Current: \$46,803	Projected: \$980	Net Change: -\$45,823

**U.S Fish and Wildlife Service
PROJECT DATA SHEET**

Total Project Score/Ranking:	70
Planned Funding FY	2021
Funding Source:	Legacy Restoration Fund

Project Identification

Project Title:	F008 - Consolidate and Modernize Maintenance and Habitat Infrastructure		
Project No:	2021342406	Unit/FacilityName:	Attwater Prairie Chicken NWR
Region:	SOUTHWEST	Congressional District:	08
IR:	6	ARKANS-A-RO GRANDE-TEXAS GULF	TX

Project Justification

DOI Asset Code	FRPP Unique Id #	Description	API	FCI-Before
35600100	10041158	BLDG MAINT SHOP NEW BUTLER SHOP BUILDING WITH WELL	80	1.00
35100000	10053949	BLDG OFFICE NEW OFFICE ANNEX BLDG, 46' X 28'	90	0.19
35290700	10053950	BLDG VC, NEW VISITOR CONTACT STATION	80	0.19
35600100	10007676	BLDG MAINT SHOP BUTLER BUILDING, METAL, MODEL 166	90	1.00
35100000	10051700	BLDG OFFICE NEW MODULAR OFFICE, 34' X 28'	90	0.19
35410300	10007757	BLDG WH EQUIP VEHICLE, EQUIPMENT STORAGE, STEEL AN	90	1.00
35410500	10007684	BLDG WH SHED, RENZ BARN	90	0.62

Project Description (PD):

The project includes demolishing the existing facilities and replacing them with a small admin/visitor facility of approximately 6,400 sf and a new multi-purpose maintenance building of approximately 11,500 sf. The goal of this project is to demolish multiple buildings at Attwater Prairie Chicken NWR to remove the deferred maintenance backlog at the Refuge, reduce the overall square footage by consolidating and right sizing buildings, and modernize the Refuge's infrastructure by providing interpretive and environmental education opportunities for the public.

Scope of Benefits (SB):

1.1 Restore & Protect High Visitation / Public Use Facilities 1.2 Improve ADA Accessibility 1.3 Expand Recreation Opportunities and Public Access 1.4 Remediate Poorest FCI Facilities 2.1 Reduce or Eliminate Deferred Maintenance 2.3 Reduce Annual Operating Costs 2.4 Remove, Replace, or Dispose of Assets 4.1 Modernize Infrastructure

Investment Strategy (IS):

An overall deferred maintenance reduction of \$5.53 million at this refuge is anticipated to be achieved through this single project including demolition of unused structures. • Deferred Maintenance: 79% • Capital Improvement: 0% • Lifecycle Investments: \$1,473,171 • Project Add-Ons: 18% Add-Ons for Admin fees and Project/Construction Management • Contingency: 10% • Demo Summary: \$660,769 • Transportation related costs: \$560,000 Demolished infrastructure includes the following. • 6,914 sf admin building • 952 sf office building • 1,288 sf office annex building • Two maintenance shop buildings totaling 7,200 sf • 6,250 sf vehicle storage building • 1,600 sf storage shed ADA/ABA accessibility requirements will be achieved.

Consequences of Failure to Act (CFA):

The Refuge would utilize pending FY2021-2025 deferred maintenance funding to aid in the reduction of the overall deferred maintenance backlog at the station. As part of a future GAOA phase, FWS would like to remove all of the deferred maintenance at Attwater Prairie Chicken NWR. This would include \$152,000 of deferred maintenance to include water control structures and fencing replacements.

Ranking Categories:

FCI/API (40%)	API <u>100</u>	FCI (weighted)	0.64	Score = (.40 x 75) = 30
SB (20%)	Actual FCI <u>0.00</u>			Score = (.20 x 50) = 10
IS (20%)				Score = (.20 x 100) = 20
CFA (20%)				Score = (.20 x 50) = 10

Combined ranking factors = (.40 x API/FCI score) + (.20 x SB score) + (.20 x IS score) + (.20 x CFA score)

Capital Asset Planning	Exhibit 300 Analysis Required: No	Total Project Score	70
VE Study: N	Scheduled (YY)	Completed (YY)	

Project Costs and Status

Project Cost Estimate (this PDS):	\$'s	%	Project Funding History (entire project):	\$'
Deferred Maintenance Work:	\$6,790,000	100	Appropriated to Date:	\$0
Capital Improvement Work:	\$0	0	Requested in FY: <u>2021</u>	Budget: <u>\$6,790,000</u>
Total:	\$6,790,000	100	Future Funding to Complete Project:	<u>\$1,062,000</u>
			Total:	<u>\$7,852,000</u>

Class of Estimate: A,B,C	C	Planning and Design Funds: \$'s	\$'s
Estimate Escalated to FY: (yy):		Planning Funds Received in	\$0
		Design Funds Received in	\$0
Dates:	<u>Sch'd</u>	Project Data Sheet	DOI Approved:
Construction Start/Award: (QTR/YY)	<u>2/21</u>	Prepared/Last Updated	01/21
Project Complete: (QTR/YY)	<u>3/23</u>		Yes
Annual Operation & Maintenance Costs (\$s)			
Current: \$54,426	Projected: \$32,655	Net Change: -\$21,771	

**U.S Fish and Wildlife Service
PROJECT DATA SHEET**

Total Project Score/Ranking:	90
Planned Funding FY	2021
Funding Source: Legacy Restoration Fund	

Project Identification

Project Title:	F009 - Modernize Facilities and Repair Seismic Issues, Phase (I)-Design		
Project No:	2021343837	Unit/FacilityName:	Izembek NWR
Region:	ALASKA	Congressional District:	00
IR:	11	ALASKA	AK

Project Justification

DOI Asset Code	FRPP Unique Id #	Description	API	FCI-Before
35300200	10034993	BLDG QTRS#001, MGRS QTRS	100	0.74
35310000	10035003	BLDG QTRS#014 BUNKHOUSE	100	1.00
40710200	10035012	POWER DISTRIBUTION, HEADQUARTERS, UNDERGROUND POWE	100	1.00
35100000	10034996	BLDG OFFICE HEADQUARTERS	100	0.06
40710400	10049259	WATER DIST PROD, HEADQUARTERS, WATER DISTRIBUTION	100	1.00
35410300	10034841	BLDG WH EQUIP VEHICLE HANGAR W/ 2 FUEL TANKS	100	0.06

Project Description (PD):

This project is for Phase I planning and design activities the following projects:

- The rehabilitation of facilities to address seismic safety concerns.
- The replacement of the primary waterline and sewer lines due to frost heave and freeze/thaw issues.
- The rehabilitation of refuge buildings to:
- Address electrical code deficiencies at all buildings.
- Replace siding and windows as needed.
- Repair stairs in the residences.
- Address seismic deficiencies noted in 2011 Structural Assessments through proper retrofit activities. Proper seismic rehabilitation of the buildings ensures continued station mission and full utilization of the assets.
- Rehabilitation of six refuge quarters and seven facilities buildings. The rehabilitation of the quarters is imperative to recruiting and retaining high-quality employees. The rehabilitation of the facilities buildings is required for daily operations and safeguarding government property and equipment.
- Addressing previously identified health and safety issues associated with refuge structures.

WO# 2021343789: Phase 2 [c]: Plan Year: 2022, Plan Cost: \$ 7,306,000

Scope of Benefits (SB):

The project is for plan and design which will: 2.1 Reduce or Eliminate Deferred Maintenance, 2.3 Reduce Annual Operating Costs, 2.4 Remove, Replace, or Dispose of Assets, 3.1 Address Safety Issues, 3.2 Protect Employees / Improve Retention, 4.1 Modernize Infrastructure

Investment Strategy (IS):

Phase I portion is for planning and design of these seismic and rehabilitation projects to reduce the DM backlog on quarters at this station by \$3.5million. The refuge Headquarters and the Hangar rehabilitation will reduce the DM backlog by an another \$800k. Additionally, \$800k of DM funding is scheduled over the next 5 years to complete water and sewer line replacement at the HQ site. Replacing inefficient fixtures, windows, and siding will result in a reduction in operations and maintenance costs, and completing needed seismic modifications will greatly reduce the likelihood of collapse and risk of loss of life. By combining these projects we will reduce the number of mobilizations to this remote site and allow us to reduce DM even more.

Consequences of Failure to Act (CFA):

Cold Bay, Alaska, is a remote community only accessible by aircraft or ship. There are few, and at times no, local licensed trades people to call in cases of emergency. When emergency maintenance needs do arise, the costs are significant due to mobilization and travel costs. By completing multiple projects in one contract, we will realize significant savings by reducing the costs of mobilization and decrease the need for near future work on these assets. Completing the needed seismic mitigation is of particular concern, as there are two active volcanoes within 60 miles of Cold Bay, Alaska, increasing the likelihood of strong earthquake activity.

Ranking Categories:

FCI/API (40%)	API <u>100</u>	FCI (weighted)	0.92	Score = (.40 x 75) = <u>30</u>
SB (20%)	Actual FCI <u>0.00</u>			Score = (.20 x 100) = <u>20</u>
IS (20%)				Score = (.20 x 100) = <u>20</u>
CFA (20%)				Score = (.20 x 100) = <u>20</u>

Combined ranking factors = (.40 x API/FCI score) + (.20 x SB score) + (.20 x IS score) + (.20 x CFA score)

Capital Asset Planning		Exhibit 300 Analysis Required: No			Total Project Score	90		
VE Study:	N	Scheduled (YY) Completed (YY)						
Project Costs and Status								
Project Cost Estimate (this PDS):	\$'s	%	Project Funding History (entire project):		\$'s			
Deferred Maintenance Work:	\$636,000	100	Appropriated to Date:		\$0			
Capital Improvement Work:	\$0	0	Requested in FY:	<u>2021</u>	Budget:	\$636,000		
Total:	\$636,000	100	Future Funding to Complete Project:			\$7,270,000		
			Total:			\$7,906,000		
Class of Estimate: A,B,C	C	Planning and Design Funds: \$'s			\$'s			
Estimate Escalated to FY: (yy):		Planning Funds Received in			\$0			
		Design Funds Received in			\$0			
Dates:	<u>Sch'd</u>	Project Data Sheet		(mm/yy)	DOI Approved:			
Construction Start/Award: (QTR/YY)	<u>3/21</u>	Prepared/Last Updated		<u>01/21</u>	Yes			
Project Complete: (QTR/YY)	<u>4/24</u>							
Annual Operation & Maintenance Costs (\$s)								
Current: \$117,232	Projected:	\$40,000	Net Change:	-\$77,232				