

Terms used in this appendix:

Project: This list includes proposed projects expected to cost more than \$20,000. Table F-1, Part 1 includes those projects currently in the RONS database. Table F-1, Part 2 includes those projects proposed in CCP Alternatives.

FTE: Full Time Staffing Equivalent. One FTE equals one person working full time for one whole year; seasonal employees are considered 0.5 FTE. (Note: staff are often "shared" by multiple RONS projects)

Cost, year 1: Estimated costs incurred during the first year of a project - typically higher than recurring costs, due to construction, equipment purchase, or other start-up expenses.

Cost, recurring: Estimated average annual project cost for subsequent years; includes recurring salary and maintenance costs.

Project duration: Estimated length of time for each project. Since this CCP will be revised in 15 years, the "maximum project duration" is 15 years, even though some projects may continue into the next planning cycle.

Table F-1. Part 1: Proposed projects currently in the RONS database (FY2000) and their inclusion in respective CCP Alternatives.

Project	Staffing (FTEs)	Cost, year 1 (x \$1000)	Cost, recurring (x \$1000)	Project Duration (years)	Alt A	Alt B	Alt C	Alt D
Implement a comprehensive avian use and habitat monitoring plan	1.5 FTE	89	51	15	X	X	X	X
Improve Sachuest Point Visitor Center to increase educational outreach and services	1.5 FTE	500	41	10	X	X	X	X
Improve interpretive trail ("Trail Through Time") and services at Ninigret NWR	1.0 FTE	134	32	5	X	X	X	X
Increase overall law enforcement efforts throughout RI NWR Complex	1.0 FTE	98	39	15	X	X	X	X
Construct a new Refuge Complex Headquarters/Visitor Center	2.0 FTE	81 (+ 4800 constr'ct.costs)	74	15	X	X	X	X
Improve maintenance support of all Complex programs	2.0 FTE	402	75	15	X	X	X	X
Restore on-Refuge coastal and freshwater wetlands	0.5 FTE	134	22	15	X	X	X	X
With partners, restore off-refuge coastal and freshwater wetlands; provide technical and resource support	0.5 FTE	99	20	15	X	X	X	
Increase visitor services and outreach on Block Island		55	35	15	X	X		X
Provide an interpretive "pull off" with canoe/kayak launch at John H. Chafee NWR		264	10	15	X	X		X
Provide on-site biological and public use programs	1.0 FTE	138	75	15	X	X	X	X
Control spread of invasive plant species on Refuge Complex	1.0 FTE	179	33	15	X	X	X	X
Study SAV production in coastal salt ponds: Trustom Pond NWR	0.5 FTE	40	16	15	X	X	X	

Table F-1. Part 2: Additional projects proposed by Alternative; none of which are currently identified in RONS database. Projects are listed by resource program area (biological, public use, cultural resources, and law enforcement) priority.

Project	Staffing	Cost, year 1 (x \$1000)	Cost, recurring (x \$1000)	Project Duration (years)	Alt A	Alt B	Alt C	Alt D
Biological Priority 1: Manage piping plover in Rhode Island. Hire seasonal Biotechs/Park Aides to monitor and protect nesting sites, manage public use near nesting sites, and provide outreach on piping plover protection.	seasonals: 5 Biotechs/ Park Aides	70	70	15		X	X	
Biological Priority 2: Hire a coordinator for the South Shore Piping Plover Program to: oversee the Program, help secure outside funding, and perform outreach and education, and possible research coordination	1.0 FTE	70	0	15		X	X	
Biological Priority 3: Manage habitat (planning, monitoring, and inventories) on other four Complex Refuges including Rare Plant Site Management; also includes baseline biological inventories.	1.0 FTE seasonals: 2 Temp Biol 1 Bio Tech	265	120	15		X	X	
Biological Priority 4: Intensify control of invasive plants across the Refuge Complex; treat at least 25 acres/year	1.0 FTE seasonals: 1 Maint. worker	273	35	15		X	X	
Biological Priority 5: Monitor threatened and endangered species on Block Island. (beetle, eagle, waterbird)	0.5 FTE seasonals: 1 Bio Tech	67	20	15		X	X	
Biological Priority 6: Conduct biological inventorying and monitoring & restore habitat at Sachuest Point NWR	1 Bio Tech (0.5)	80	20	15		X	X	
Public Use Projects:								
Public Use Priority 1: Improve Public Use infrastructure including: trail system and handicap accessibility improvements; construction of observation platforms; and outdoor classroom site development.	0.5 FTE	710	70	15		X		X
Public Use Priority 2: Provide planning and data management in support of visitor services	1.0 FTE seasonals: Assistant ORP	60	30	15		X		X
Public Use Priority 3: Improve Refuge pamphlets, trail guides, species checklists, viewing guides, and other literature	0.5 FTE	220	22	5		X	X	X
Public Use Priority 4: Provide Visitor Center Staffing	2.0 FTE	60	10	15		X	X	X

Public Use Priority 5: Provide interpretation at habitat restoration sites; improve interpretive signing and kiosk replacement.	0.5 FTE	260	30	5		X		X
Public Use Priority 6: Develop environmental education curriculum	0.5 FTE seasonals: Assistant ORP	682	35	5		X	X	X
Public Use Priority 7: Manage public use & conduct environmental education at Block Island NWR	0.5 FTE seasonals: Park Aid, LE Officer or Biotech	71	20	15		X	X	X
Cultural Resources Projects:								
Cultural Resource Priority 1: Conduct cultural resources overview of Refuge Complex		65		1		X	X	X
Cultural Resource Priority 2: Conduct field surveys at high probability sites; priority is on Trustom Pond and Ninigret NWRs		150		1		X	X	
Law Enforcement Projects:								
Law Enforcement Priority 1: Manage non-wildlife dependent use (enforcement, outreach, etc.)	0.5 FTE seasonal: 1 LE Officer	35	20	15		X	X	X
Law Enforcement Priority 2: Post Boundaries of all Refuges and acquisitions	0.5 FTE	105	15	15		X	X	X
Law Enforcement Priority 3: Manage hunting and fishing programs	0.5 FTE seasonal: 1 LE Officer	45	10	15		X	X	X

The list of projects and the priority ranking proposed for each program area is based on current needs and information and may be subject to change as new information becomes available.

Grand Totals by Alternative				
	Alternative A, Current Management	Alternative B, Proposed Action	Alternative C	Alternative D
year 1 project costs	\$7,013,000	\$10,321,000	\$8,972,000	\$9,207,000
recurring project costs	\$523,000	\$1,050,000	\$838,000	\$749,000

Table F-2. *Projects currently backlogged in the Maintenance Management System (MMS) Database for the Rhode Island Refuge Complex.*

Project #	Project Name	Refuge	Cost Estimate (\$1,000)
98502	Beane Point Pump House	Block Island NWR	\$177
98503	Cabin - Interior Lighting	Block Island NWR	\$8
98503	Cabin - Interior Walls	Block Island NWR	\$10
95013	Cottage - Interior Walls	Block Island NWR	\$10
95013	Cottage - Interior Lighting	Block Island NWR	\$10
95013	Cottage - Exterior	Block Island NWR	\$30
98503	Cabin - Exterior	Block Island NWR	\$55
98503	Cabin - Bathroom	Block Island NWR	\$39
99004	Law Enforcement Equipment	RI NWR Complex	\$6
98506	East Parking Lot	Ninigret NWR	\$40
92001	14' Jon Boat and Motor	RI NWR Complex	\$17
94019	1989 Chevy Blazer	RI NWR Complex	\$31
96001	1988 Chevy Celebrity	RI NWR Complex	\$27
99002	Loader tractor JD 4040	RI NWR Complex	\$85
98508	Storage Building	Ninigret NWR	\$60
89042	Entrance Signs	RI NWR Complex	\$8
98002	Interpretive kiosk panels	Ninigret NWR	\$14
98505	Gates	Ninigret NWR	\$48
93060	Mobile Radios	RI NWR Complex	\$80
98019	Military Dump Cleanup	Ninigret NWR	\$200
98501	Magazine Structures	Ninigret NWR	\$60
98003	Interpreted historic site	Ninigret NWR	\$30
94024	Trail 504 ADA	Ninigret NWR	\$97
94025	Wildlife Viewing Trail	Trustom Pond NWR	\$44
00001	CAT D-7F bulldozer #1	RI NWR Complex	\$15
00002	CAT D-7F bulldozer #2	RI NWR Complex	\$24
00003	Clark-Mich 175 loader	RI NWR Complex	\$20
99001	Middletown Visitor Center	Sachuest Point NWR	\$500
99001	Middletown Visitor Center	Sachuest Point NWR	\$441
98525	Visitor Center - Piping	Sachuest Point NWR	\$33
98528	Trail	Sachuest Point NWR	\$44

98529	East Point Trail/Platform	Sachuest Point NWR	\$60
98522	Bolen Loader's Bucket	Sachuest Point NWR	\$36
99009	JD 301A Tractor	Sachuest Point NWR	\$40
89048	Visitor Center Flooring	Sachuest Point NWR	\$25
89055	Visitor Center Chairs	Sachuest Point NWR	\$7
90075	Shoreline Access ways	Sachuest Point NWR	\$20
98524	17' Zodiac Boat and Motor	Sachuest Point NWR	\$28
98523	Visitor Center - Septic	Sachuest Point NWR	\$36
98526	Water Control Structures	Sachuest Point NWR	\$36
98525	Visitor Center Restroom	Sachuest Point NWR	\$42
98010	Visitor Center Exterior	Sachuest Point NWR	\$9
98509	ATV and Trailer	Trustom Pond NWR	\$26
98517	1988 K5 Chevy Blazer	RI NWR Complex	\$35
98519	1992 S-10 4x4 Blazer	RI NWR Complex	\$35
98521	1993 Chevy K1500 Blazer	RI NWR Complex	\$39
98516	1992 S-10 Pickup	RI NWR Complex	\$20
98520	1993 S-10 Pickup 4x4	RI NWR Complex	\$28
98512	Diesel storage tank replace	Trustom Pond NWR	\$40
98515	15' Aluminum Boat/Trailer	RI NWR Complex	\$22
00005	SP gate/lighting	RI NWR Complex	\$8
Total			\$3,855