

DELAWARE
STATE
PARKS



2020-2023

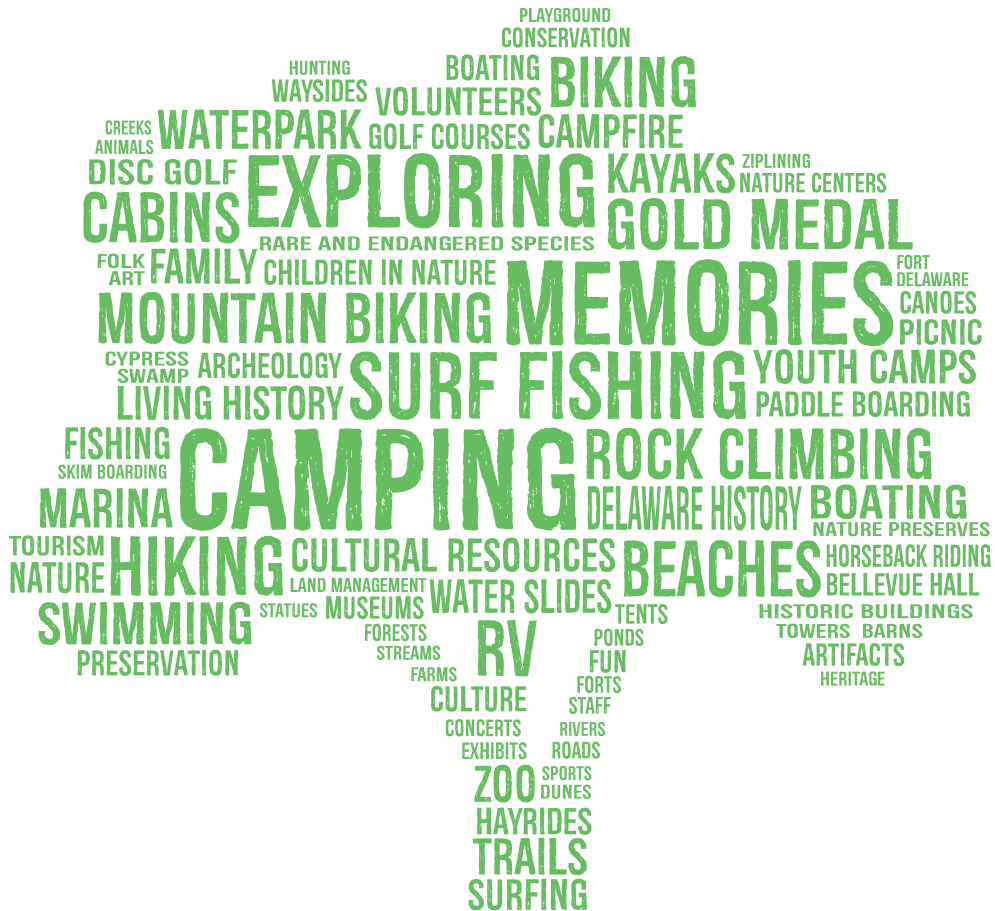
CAPITAL PLAN



DELAWARE STATE PARKS

2020-2023

CAPITAL PLAN



Department of Natural Resources and Environmental Control
Division of Parks & Recreation

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Water Park at Killens Pond State Park

YOUR STATE PARKS

The mission of DNREC's Division of Parks & Recreation is to provide Delaware's residents and visitors with safe and enjoyable recreational opportunities and open spaces, responsible stewardship of the lands and the cultural and natural resources that we have been entrusted to protect and manage, and resource-based interpretive and educational services.

**DELAWARE
STATE PARKS
by the
Numbers:**

5.8 
million+
visitors

17 
Parks


26,167
 **Acres** 

624
**Buildings
on Park Land**



160

**Miles of
Trails**

PARKS, PRESERVES, AND ATTRACTIONS

The Division of Parks & Recreation operates and maintains 17 state parks in addition to related preserves and greenways throughout Delaware.

STATE PARKS:

Alapocas Run	Fort Delaware
Auburn Valley	Fort DuPont
Bellevue	Fox Point
Brandywine Creek	Holts Landing
Cape Henlopen	Killens Pond
Delaware Seashore	Lums Pond
Fenwick Island	Trap Pond
First State Heritage Park	White Clay Creek
	Wilmington State Parks

PRESERVES:

Angola Neck	Fork Branch
Auburn Heights	James Branch
Barnes Woods	Lums Pond Woods
Beach Plum Island	Murderkill River
Bellevue Woods	Nanticoke River
Brandywine Creek Valley	Pea Patch Island
Cape Henlopen	Red Clay Creek Valley
Cedar Creek	Rehoboth Bay Marshes
Doe Bridge	Thompson Island
Flint Woods	White Clay Creek Valley

ATTRACTIONS:

Brandywine Zoo
Indian River Marina



ACCESSIBLE TO ALL

“The residents of Chimes and our staff have always enjoyed spending time in Delaware’s beautiful parks. This year, with the addition of the wheelchair lift at White Clay Park, for the first time many more Chimes’ residents were able to enjoy the fun of a hay ride. We cannot thank the Delaware Park Services enough for their commitment to all Delawareans.”

— Michele A. Mirabella
Director of Residential Services for Chimes

Delaware State Parks provide recreation, nature, environmental and educational opportunities to all Delawareans. It is important that all people have the ability to enjoy our 17 parks and more than 26,000 acres of parkland. Each year, we update and improve our parks with this all-access vision in mind. In 2018, we added several amenities that will provide more access for individuals of all abilities.

White Clay Creek State Park

- The park added an accessible hayride wagon in 2018 to allow people who use walkers and wheelchairs to access the wagon. These hayrides have proved popular with organizations such as Newark-based Chimes, which offers services to individuals with special needs throughout the state.
- The park added two accessible docks that allows individuals in wheelchairs to enjoy fishing at the park. The new docks are already being used by the Newark-based YesUCan organization for adaptive sports.
- Park staff built two accessible hunting stands that use gradually inclining steps with railings to assist individuals who might otherwise not be able to physically access deer stands.
- The park relocated the primitive group camping area and installed a fire ring, picnic table and accessible trail for all abilities to enjoy and experience.
- The Tri-Valley trail was completed and is now a fully accessible trail.

Bellevue State Park

- Built a new bathroom facility and accessible trail at the Hunter Barn for trail users, day campers, and special event rentals.

Brandywine Zoo

- The zoo added a new accessible goat encounter area, an interactive bee exhibit, and a condor viewing area.

Lums Pond State Park

- The Division spent \$103,000 on renovations to the park’s Area I bathrooms, making them accessible to all individuals.
- A new accessible pavilion was added in Area I.



Brandywine Zoo Goat Yard



Brandywine Zoo Bee Exhibit

Holts Landings State Park

- Holts Landing had its parking lot repaved to complement the accessible docks that provide individuals in wheelchairs the ability to fish and crab at one of the state's premier spots for crabbing.
- The boardwalk for the Sea Hawk trail was completed to improve a fully accessible view and trail experience along the bay.

Cape Henlopen State Park

- More wheelchair-accessible mats were added at the beach to allow a greater number of individuals to enjoy Delaware's pristine coast.
- The Division installed a pole shower that accommodates individuals who use wheelchairs.
- The Division completed the Henlopen Drive trail over the former railroad to allow all-accessible use and separate trail users from the road.

Delaware Seashore State Park

- The Cottages at Indian River Marina are now wheelchair-accessible, providing beautiful views and the joys of a park stay for all.

Trap Pond State Park

- The Division installed an accessible dock, adding to the number of parks that allow people of all abilities to fish.



White Clay Creek State Park accessible haywagon



White Clay Creek State Park trailhead



Lums Pond State Park pavilion



Trap Pond State Park boat dock

"It's been an exciting two seasons working with Cape Henlopen State Park! We look forward to families, friends, and youth groups experiencing Kayaks, Stand Up Paddleboard tours and rentals... for years to come."

— Matt Carter
Owner, Quest
Adventures

PARTNERSHIPS

The Division works closely to develop strong private-public partnerships to further the Division's mission and improve visitor experiences. Twenty businesses served as concessionaires in the parks in FY2019, providing food, experiences, and rental equipment for park visitors.

Food Service/Restaurant

- Brandywine Prime
- Hammerheads Dockside
- Hook'em and Cook'em Tackle and Seafood
- Jay Vending (at Killens Pond, Cape Henlopen, Fenwick Island and Delaware Seashore State Parks)
- Jeffery Miller Group
- La Vida Hospitality (Big Chill Beach Club)

Outdoor Recreation Services

- Coastal Kayak
- Bellevue Tennis Center
- Forewinds Hospitality (Garrisons Lake and Deerfield)
- Go Ape Treetop Adventures
- Lighthouse View Bait & Tackle
- Old Inlet Bait & Tackle
- ProTrade LLC
- Summit North Marina
- Sunset Stables
- Quest Kayak
- Wellspring Farm



Hammerheads at Indian River Marina



Coastal Kayak at Fenwick Island State Park



Go Ape at Lums Pond State Park

"We're proud of our partnership with DNREC and the location of our Go Ape course in Lums Pond State Park. DNREC has balanced preserving the natural beauty of the park while maintaining an entrepreneurial approach that has made Lums Pond a premium destination for all park visitors. Their successful management of Lums Pond has made for an ideal location for Go Ape and is the gold standard for public-private partnerships."

— Suzanne Coblentz
Head of Marketing
Go Ape!



Deerfield Golf Course

FRIENDS OF DELAWARE STATE PARKS

Friends groups are independent, nonprofit organizations whose members are dedicated to assisting a particular park: helping with special events and programs, park maintenance, planning, fundraising, staffing the nature centers, and advocating for the parks.

The Delaware Seashore Preservation Foundation

Supports Delaware Seashore State Park and the Indian River Life-Saving Station.

The Delaware Zoological Society

Supports the Brandywine Zoo's educational and conservation mission through business operations, fundraising, membership, and events.

The Fort Miles Historical Association

Committed to the preservation of the Fort Miles Historical Area in Cape Henlopen State Park. Members raise funds and write grants to support the Fort Miles Historical Area and Museum.

The Friends of Auburn Heights

Maintains a unique steam car collection and miniature railway, and supports and maintains garden trails.

The Friends of Bellevue State Park

Supports the Summer Concert Series, provides camp scholarships, funds summer interns, and champions historic preservation of the Mt. Pleasant Parsonage, Meeting House and cemetery.

The Friends of Brandywine Creek State Park

Sponsors clean-up projects, supports park events, and provides environmental education scholarships at Brandywine Creek State Park.

The Friends of Cape Henlopen State Park

Coordinates monthly trail maintenance, purchased the live Osprey Camera, supports park projects and events, host special events, and sponsors the Bike Barn/Park Pedalers Program.

The Friends of Holts Landing State Park

Dedicated to the preservation and constant improvement of a natural resource treasure. Members help maintain the park and coordinate the park's Summer Concert Series.

The Friends of Killens Pond State Park

Maintains the trails and gardens, supports the Summer Concert Series and children's nature programs, and helps with park projects and special events.

The Friends of Lums Pond State Park

Raises funds and helps maintain the park.

The Friends of Old Dover

Sponsors the iconic Dover Days each spring and supports First State Heritage Park in Dover.

The Friends of White Clay Creek State Park

Staffs the nature center, monitors bluebird boxes, conducts trail maintenance, and provides fundraising and grant support to the park.

The Friends of Wilmington Parks

Coordinates the Summer Concert Series, hosts special events, raises funds and offers grant-writing support. They also sponsor and maintain the Jasper Crane Rose Garden and provide maintenance for Wilmington State Parks.

The Port Penn Area Historical Society

Raises funds and provides assistance to the Port Penn Interpretive Center.

Trap Pond Partners

Sponsors an annual bike rally, raises funds, writes grants, and provides scholarships for environmental education. They host special events and recently helped bring a new playground to the park.

There are
15
Friends groups that actively support Delaware State Parks



Schoolhouse at Bellevue State Park



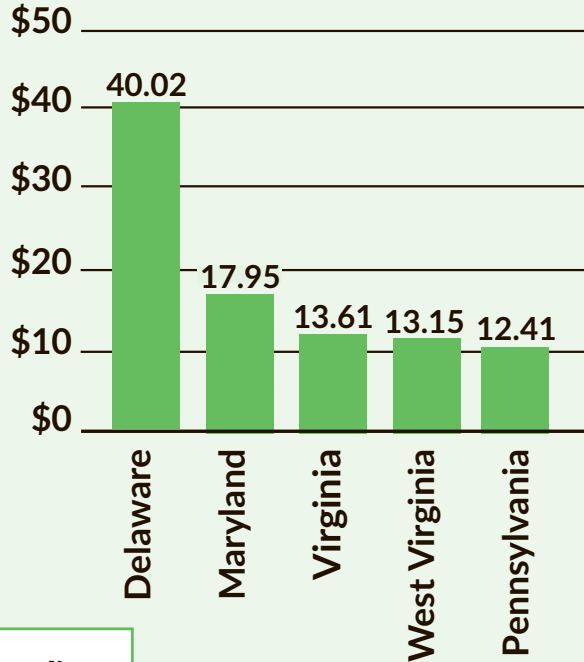
Tower 3 at Delaware Seashore State Park

OUR ECONOMIC IMPACT

DELAWARE STATE PARKS



For every General Fund operating dollar invested in state parks, \$40.02 in economic activity was added to the State of Delaware. This is more than double the value-added amount of surrounding state park systems, including those of Pennsylvania, West Virginia, Virginia, and Maryland.



Main Purpose* Park Visitors

spent **\$398 Million** in Delaware, an average of **\$245** per visitor.



Delaware's state park system supported nearly 6,700 full- and part-time jobs across Delaware.



Top 5 Parks in Visitor Spending

- 1) Delaware Seashore State Park and Indian River Marina
- 2) Cape Henlopen State Park
- 3) Fenwick Island State Park
- 4) Lums Pond State Park
- 5) Killens Pond State Park

STATE PARKS WITH CAMPGROUNDS MADE AN OUTSIZED CONTRIBUTION TO THE STATE'S ECONOMY

Visitor spending in the five camping parks – Cape Henlopen, Killens Pond, Lums Pond, Delaware Seashore, and Trap Pond – totaled **\$318.9 million** in FY2016/ FY2017, or 82% of the total economic impact of the state park system.



Nearly

\$53 million in state and local taxes were initiated by Delaware's state park system, including \$6.6 million in gross receipts tax, \$1.5 million in hotel taxes, \$4.7 million in income taxes, and \$9.5 million in property taxes.



If there were no Delaware State Parks, taxing authorities around the state would need to generate an average of \$151 in additional state and local taxes from each of Delaware's 350,000 households in order to maintain current levels of tax receipts.



*A main-purpose visitor is one who has identified a Delaware State Park site as the principal reason for their visit to the respective destination and has traveled 50+ miles to get there.

FUNDING THE PARKS

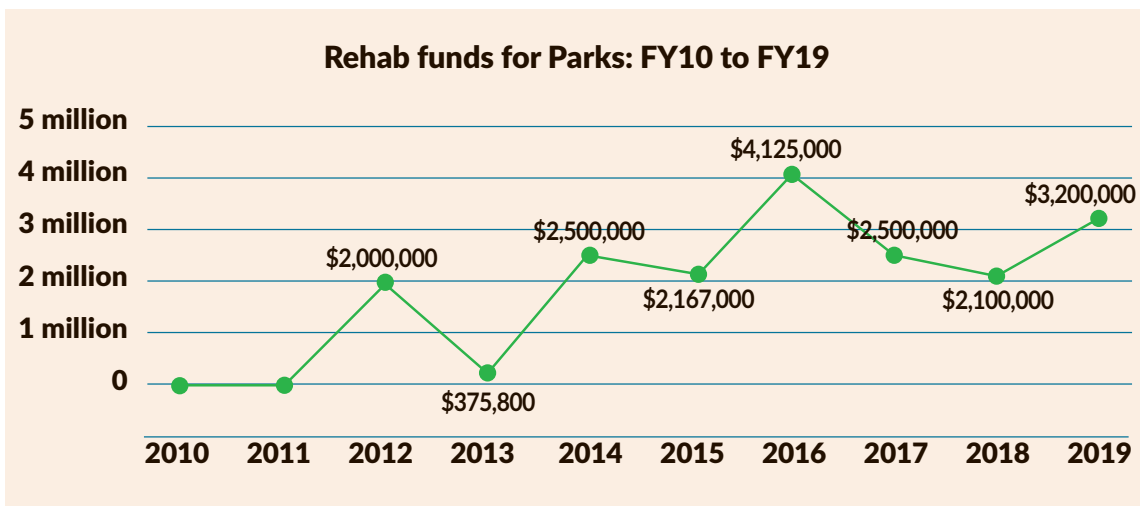
DNREC's Division of Parks & Recreation has an operating budget that is 65% self-funded, which is unique within Delaware government.

Capital expenses come from seven sources:

- Bond bill
- User fees
- Federal grants
- Grants and donations
- Community Transportation Funds
- Public/private partnerships
- Loans

The Division has a \$119 million capital backlog on projects such as aging infrastructure, roads, buildings, barns, historic structures, pier, sewer systems, as well as new projects like cabins, nature centers, and park offices. In addition we are responsible for properties on or eligible for the National Register of Historic Places.

CAPITAL FUNDS FOR PARKS



FY10 to FY19 Average: \$1,896,780



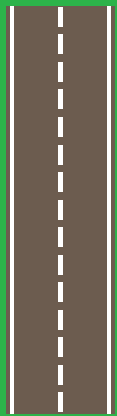
Bridge at Auburn Valley State Park



Big Chill Restaurant at Delaware Seashore State Park



Delaware State Parks maintain **17.8 Miles of Ocean Beach** & **41.1 Miles of Road**

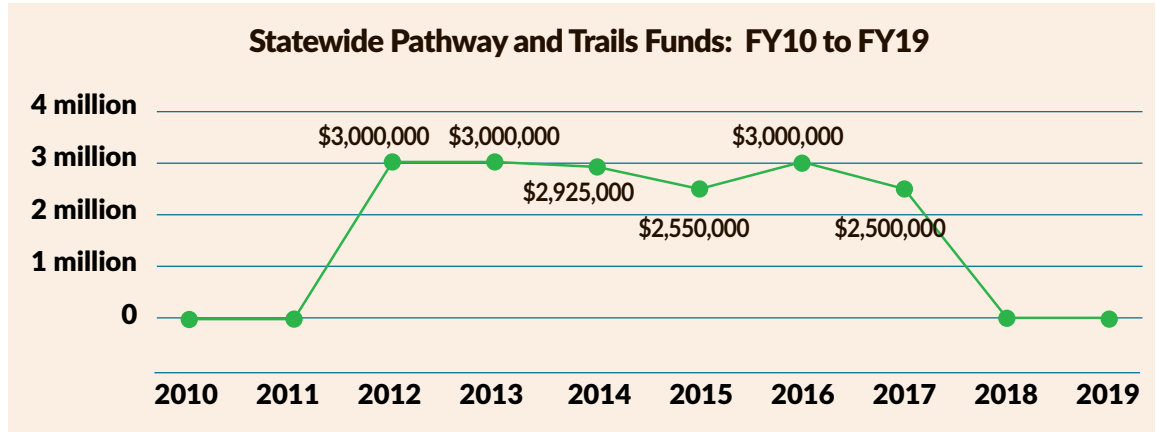


STATEWIDE PATHWAY AND TRAIL FUNDS

Statewide Pathway and Trail Initiative funds are essential for the Division to use as federal matching funds, which require an 80/20 federal-to-state ratio. These funds are used for necessary reroutes, maintenance, and new construction, such as the Tri-Valley Trail at White Clay Creek, the Sea Hawk boardwalk at Holts Landing, or the upcoming Killens Pond boardwalk that will move trail users off the road to a safer location over the pond's edge.

Delaware State Parks has **17.8 Miles of Sidewalk** &

160 Miles of Trail



Tri-Valley Trail at White Clay Creek State Park



Rock wall at Brandywine Creek State Park



Rendering of elevated boardwalk at Killens Pond State Park

INVESTMENTS IN OUR PARKS

This past year has seen the completion of many projects that will enhance visitor experiences and strengthen our parks for years to come. The following are examples from throughout the park system.

NEW CASTLE COUNTY

COMPLETED

- **Park Office at Auburn Valley State Park**

The Auburn Valley State Park office was moved from the basement of the Auburn Heights mansion to the building that previously housed the paper mill. The newly renovated paper mill building now has a modern feel that still preserves its historic past and is in a more central location for the park. The new office was completed in February 2018.

Project Cost: \$268,000

- **Roof at White Clay Creek's Deerfield Golf Course**

The roof at Deerfield, which has been in disrepair for a number of years, was replaced in April. The new roof has 50-year shingles and flashings made of stainless steel.

Project Cost: \$823,230

- **Drainage at Brandywine Creek State Park**

Brandywine Creek State Park had a culvert installed along a trail to mitigate excessive water runoff. The improved drainage will decrease erosion along the trail.

Project Cost: \$93,000

- **New Playgrounds at White Clay Creek and Lums Pond**

The Division continues to make its largest investment in playgrounds, with a new playground at the Lums Pond campground and one for younger age groups at White Clay Creek, with funding provided in part by Community Transportation Funds.

Project Cost: \$252,032

- **Zoo Improvements**

In order to maintain Association of Zoos and Aquariums (AZA) accreditation, the Division invested in key upgrades to existing facilities. This includes a new animal encounter area for the goats, a condor viewing area, an interactive bee area, and additional safety updates in the keeper areas.

Project Cost: \$834,560

- **Pavilions at Lums Pond, Fox Point, Alapocas Run, Auburn Valley and Deerfield Golf Course**

The Division continues to look at ways to expand revenue-producing opportunities within the state. The new pavilions were placed in areas of high demand.

Project Cost: \$478,101

Statewide, The Division completed **\$20,692,560** in Capital Projects with Delaware-based companies winning 73% of the bids

Delaware State Parks has

9



Park Offices

31



Pavilions



17 Playgrounds



Playground at Lums Pond State Park

Delaware State Parks Manages

34



Restrooms

&

17



Bathhouses

● **Day Camp Yurt at Brandywine Creek**

Brandywine Creek’s day camp has relocated from inside the maintenance shop area to near the park office. The addition of a yurt adds a gathering area for day camp attendees and expands year-round programming opportunities.

Project Cost: \$24,245



Yurt at Brandywine Creek State Park

● **Tri-Valley Trail at White Clay Creek**

The Tri-Valley Trail Phase I and II projects are completed, rounding out the accessible hub of White Clay Creek. The accessible trail joins the accessible docks for fishing and wildlife viewing, hay wagon rides, and primitive group camping.

Project Cost: \$3,113,232

● **Bathroom, Roof, and Trail at Bellevue’s Hunter Barn**

The Division has filled a much-needed void at Bellevue State Park with the addition of an accessible bathroom at the Hunter Barn. The bathroom has an accessible trail from the parking lot, as well as interior and exterior access that allows the bathrooms to be used for day camps and rental events.

Project Cost: \$702,108

● **Lums Pond Campground Improvements**

As part of the recently rehabilitated Lums Pond campground, the Division invested in turning the old bathhouse into a new laundry facility and camp store. This brings the amenities to the center of the campground, near the existing stage for programming, shade structures, and playground.

Project Cost: \$327,926

● **Auburn Valley Wetlands, Bridge, and Trails**

Auburn Valley continues to advance, with the completion of all wetlands projects, the Yorklyn tract trail and bridge, the Snuff Mill bridge, and a new pavilion.

Project Cost: \$9,484,154



Lovering Courts in Wilmington before and after improvement project



● **Lovering Courts Phase I at Wilmington**

The Division was able to complete Phase I of the Lovering Courts project in Wilmington with the resurfacing of the tennis courts and new fencing, thanks to Community Transportation Funds.

Project Cost: \$103,000

Delaware
State Parks
has



Pavilion at Garrisons
Lake Golf Club

4 yurts
31 Cabins
824 Campsites

12 Cottages

In the past
5 years, the
Division has
seen a
67% increase
in overnight
camping and
cabin stays from
67,066 to
111,823

KENT COUNTY

COMPLETED

- **Killens Pond Campground Improvements**

As the popularity of camping continues to increase, the Division continues to look for ways to upgrade facilities and amenities. Upgrades to the park's cabins include stone fire rings, pavilion renovation, and improved electrical in multiple loops.

Project Cost: \$58,885

- **Pavilion at Garrisons Lake Golf Club**

The Division completed construction of a new pavilion at Garrisons Lake Golf Course. The pavilion should attract new business by providing event space for golf outings, tournaments and fundraisers.

Project Cost: \$82,348

- **Cart path repairs at Garrisons Lake Golf Club**

The Division took a step toward making needed improvements to the cart paths at the golf course by removing and repaving the most distressed sections this year. Upkeep and replacement of deteriorated sections will be performed annually.

Project Cost: \$62,000



Parking Lot at Fork Branch Nature Preserve

- **Parking and Trail at Fork Branch Nature Preserve**

The Division completed trail and parking lot construction at the Fork Branch Nature Preserve in Dover. The trail and parking area allow the public to utilize the preserve and opens it up for future school programming.

Project Cost: \$491,908

UNDER CONSTRUCTION

- **Garrisons Lake Golf Club Cart Barn**

The Division is building a cart barn that allows golf carts to be stored indoors out of the elements, prolonging the life of the equipment and reducing replacement costs.

Project Cost: \$45,913

- **Garrisons Lake Golf Club Bunker Work**

Staff has begun work on the sand bunkers to test different techniques for best management practices. This work will continue into the future.

Project Cost: \$425,779

PLANNING

- **Killens Pond Trail Boardwalk**

Planning is complete for the Killens Pond trail boardwalk, which will run from the boat ramp to the boat rental area. This stretch of trail, which requires visitors to walk on the shoulder of Killens Pond Road, has been the subject of major complaints from trail users. The boardwalk will divert pedestrians away from the road and take them across the water and spillway, creating a unique experience for walkers, bikers, joggers, and anglers.

Project Cost: \$2,400,000

SUSSEX COUNTY

COMPLETED

- **Tower Restoration and Renovation at Delaware Seashore State Park**

Phase I of the restoration and renovation of Delaware Seashore's Tower 3 was completed in February 2018. New sidewalks, a glass door, and night lighting were installed.

Project Cost: \$52,998

- **New Playgrounds at Delaware Seashore, Trap Pond, and Holts Landing State Parks**

The Division made its largest-ever investment in new playgrounds in 2018, with new installations at three parks. The state-of-the-art equipment was installed in the spring of 2018.

Project Cost: \$330,262

- **Officers Club at Cape Henlopen State Park**

The Officers Club received a new roof, underwent asbestos abatement, and had new ceilings, a new HVAC system, and energy-efficient water heaters installed. The remediation and repairs will allow for additional summer rentals while reducing energy use.

Project cost: \$204,277



Playground at Holts Landing State Park

- **Charging Stations at Holts Landing State Park**

Clean-energy charging stations were installed in spring 2019 at Holts Landing State Park, the Indian River Marina, and Bellevue State Park. The charging stations are in keeping with DNREC's commitment to reduce the use of fossil fuels. The project was funded through an energy grant from DNREC's Division of Climate, Coastal & Energy.

Project Cost: \$25,264



Parking lot at Holts Landing State Park

- **Parking Lot at Holts Landing State Park**

With more visitors using the accessible boat ramp installed the previous year, the parking lot at Holts Landing State Park expanded by 36 truck and trailer spots to accommodate the increase in visitation.

Project Cost: \$477,000

- **Dock Extension at Indian River Marina Inlet**

A new queuing dock extension was installed in 2018.

Project Cost: \$372,000

- **Pavilion at Indian River Marina**

The Division purchased and built a pavilion to use for special events, tournaments, and slipholder gatherings. The new pavilion will improve user experience and avoid the need to rent large tents to accommodate these events, thereby reducing expenses.

Project Cost: \$143,839



Queuing dock extension at Indian River Marina



Pavilion at Indian River Marina



Tower 3 at Delaware Seashore State Park



Boat Ramp at Indian River Marina



Trail at Holts Landing State Park

● **Holts Landing Improvements**

Holts Landing has undergone major improvements, with the addition of a new boat ramp, lighting, paving, a new playground, a trail boardwalk, and bathroom renovations. The projects were funded by Community Transportation Funds provided by Representative Gray and Senator Hocker.

Project Cost: \$1,231,073

● **Tower 7 Rehabilitation**

The Division completed rehabilitation work on Tower 7 at Cape Henlopen, one of the park's most popular locations for visitors. Safety improvements included work on the stairwell, concrete work, and new lighting to ensure the tower remains open for years to come.

Project Cost: \$235,168

● **Cape Henlopen Fishing Pier Repairs**

The park's pier is a World War II structure requiring regular repairs to the pilings to maintain its safety and integrity. The pier has an annual evaluation and repairs are done prior to each operating season. This year, 25 pilings need repair.

Project Cost: \$421,950

UNDER CONSTRUCTION

● **Indian River Marina Fire Suppression System Replacement**

The existing fire suppression system at the Indian River Marina is at the end of its lifecycle and is being replaced. This will be completed before the start of the spring 2020 boating season.

Project Cost: \$415,000

PLANNING

● **Cape Henlopen Sewer System**

Division is working on a plan with the City of Lewes that would include replacement of the park's pump stations, lift stations, and main pipes, and to determine an annual operating expense.

Project Cost: \$2,650,000

● **Wolfe Neck Trail**

The Division is planning a six-mile single-track trail at the Wolfe Neck area of Cape Henlopen State Park. The trail will also include connection to a canal overlook and will connect with the Junction Breakwater Trail. This project is being undertaken in cooperation with Sussex County as part of a new wastewater irrigation process that will allow for increased public access and a new bathroom facility at the Wolfe Neck parking area.

Project Cost: \$1,000,000

● **Biden Environmental Education Center**

Planning to rehabilitate the Biden Environmental Education Center is underway, including addressing all safety and accessibility concerns, and adding conference space and overnight accommodations.

Project Cost: \$7,250,000

Delaware State Parks has

7



Boat Ramps

&

2



Marinas

PARTNERS/FRIENDS PROJECTS

- **Tower Three Renovation**

Working with the Delaware Seashore Preservation Foundation and the Fort Miles Historical Association, the Division is renovating Tower 3 in Delaware Seashore State Park. The work completed to this point includes lighting the tower at night, cleaning the exterior and interior of the tower, excavating down to the door opening, adding a ramp and new door to allow access, and replacing the windows on the bottom level. The next phase of work includes interior stairs and access to the top for a first-class view.

Project Cost: \$250,000 state parks
\$750,000 Delaware Seashore Preservation Foundation

- **Bellevue Parsonage, Mount Pleasant Meeting House, and Cemetery Rehabilitation and Restoration**

The Friends of Bellevue, with assistance from the Division, successfully raised funds for the restoration and rehabilitation of the Mount Pleasant Meeting House, parsonage and cemetery. Work included interior and exterior improvements, restored windows and sills, and restoration of cemetery stones.

Project Cost: \$216,000



- **Bellevue Mansion and Cauffiel House Renovation and Repairs**

Working with the Jeffrey Miller Group, Bellevue Mansion and Cauffiel House have seen a number of improvements, including renovating the Cauffiel barn as a rental space, upgrading all HVAC at Cauffiel, refinishing the floors at Bellevue Mansion, and removal of the mansion's front porch, which was not historic.

Project Cost: \$300,000 state parks
\$300,000+ from Jeffrey Miller Group (concessionaire)

- **Auburn Heights Steam Museum**

Working with the Friends of Auburn Valley, plans are underway to improve the Steam Car Museum. This gives the Friends an improved space for exhibiting the collection and adds a bathroom facility, along with improved interior and exterior space and design.

Project Cost: \$1,000,000



9 
Nature Centers /Museums

240+



Historic Buildings

7 
Cemeteries



- **Fort Miles Event Space and Parking Lot at Cape Henlopen**

The Fort Miles Historical Association, through grant writing and fundraising efforts, worked with the Division to create an event space at the northeast entrance of the Fort Miles Museum. The space is an ideal location for special events, concerts, and weddings. The work also included a new parking area for the location and improved pathway and lighting.

Project Cost: \$368,571 state parks
\$650,000 from Fort Miles Historical Association grants and fundraising

- **Primitive Camping at White Clay**

In partnership with the Friends of White Clay Creek State Park, the Division has created a new primitive group camping area that is completely accessible. Visitors to the area can also enjoy accessible hay wagon rides, trails, and a dock for fishing.

Project Cost: \$22,500



Fort Miles event space at Cape Henlopen State Park

PARK CAPITAL NEEDS

The Division assigns a point value for each capital project based on established criteria. This allows the Division to address the greatest needs as funding becomes available.

Point values with criteria descriptions

- 15** Project has a high safety concern or legal and regulatory compliance issues
- 8** Project has a low safety concern with legal and regulatory compliance issues
- 7** Project is a continuation of a project in progress or connected with a “Door Opener”
- 6** Project has a high-property preservation value consisting of potential failing systems, high-traffic location, or major upgrade of infrastructure
- 5** Project has written legislation, specific appropriation, or can leverage Federal funds or partnership opportunities with communities
- 4** Project has potential to generate revenue to support Division’s self-sufficiency or cost-savings opportunities
- 2** Project has a low-property preservation value consisting of cosmetic and normal maintenance repairs, such as painting, paving, or drainage
- 1** Project has potential to add a new recreational opportunity, or add protection or enhancement of the natural or cultural resources

The **TOP 15 MAJOR NEEDS** on the Delaware State Parks Capital Project List have a high safety concern or legal/regulatory compliance.

CAPITAL PROJECT LIST WITH TOP 15 MAJOR NEEDS

Scoring of Cape Henlopen Sewer Replacement and Upgrades:

- 15** High Safety Concern
- +
- 7** Continuation (project underway)
- +
- 6** High Property Preservation

= **28** Total Score

1	2	3	4
CAPE HENLOPEN	FENWICK ISLAND	FORT DELAWARE	WILMINGTON STATE PARKS
Sewer plant replacement and upgrades. Coordination with City of Lewes is underway	Fenwick Island parking lot and amenity upgrade	Fort Delaware dock repairs, including engineering and construction	Implement Phase 1 of the Brandywine Zoo Master Plan
Score: 28	Score: 26	Score: 22	Score: 21
\$2,650,000	\$2,000,000	\$750,000	\$8,000,000

Top
15
MAJOR
NEEDS
continued

5
FORT DELAWARE
Island tram path: repair and resurfacing. Construction documents are underway
Score: 21
\$350,000

6
ALAPOCAS RUN
Alapocas Woods: Alapocas Run waterfall bridge — stone wall stabilization engineering review
Score: 21
\$250,000

7
TRAP POND
Cypress Point bathhouse and septic replacement
Score: 21
\$600,000

8
CAPE HENLOPEN
Biden Environmental Training Center renovations. Planning underway
Score: 20
\$7,250,000



Indian River Marina

9
CAPE HENLOPEN
Pier repair
Score: 20
\$400,000

10
BELLEVUE
Tennis Center parking lot resurfacing
Score: 20
\$600,000



Biden Center at Cape Henlopen State Park

11
FORT DELAWARE
Landing site
Score: 20
\$550,000

12
CAPE HENLOPEN
New pier design
Score: 17
1,000,000

13
BRANDYWINE CREEK
Pave and fix erosion on existing stoned trails
Score: 16
\$500,000



Pier at Cape Henlopen State Park

14

AUBURN VALLEY

Installation of parking lots, infrastructure, trails and bridges, amphitheatre at NVF site

Score:
16

\$5,000,000

15

FORT DELAWARE

Pavilion construction. The Fort does not have a safe shade structure where patrons can sit and eat. Construction documents are underway

Score:
16

\$350,000

CAPITAL PROJECT LIST: TOP NEEDS BY EACH PARK

Alapocas Run State Park

- Alapocas Woods: Alapocas Run waterfall bridge, stone wall stabilization engineering review
Cost Estimate: \$250,000
- Weldin Road: Provide safe pedestrian crossing between Lot D and CanDo Playground and athletic fields
Cost Estimate: \$100,000

Auburn Valley State Park

- Installation of parking lots, infrastructure, trails, bridges, and sewer at NVF site
Cost Estimate: \$5,000,000
- Secondary egress for carriage house offices. Offices on the second floor of the carriage house do not have secondary egress for emergencies
Cost Estimate: \$35,000
- Trail system and historic bridges
Cost Estimate: \$4,500,000

Bellevue State Park

- Engineering review of the Tennis Center parking lot resurfacing. The parking lot has excessive cracking and deterioration
Cost Estimate: \$600,000
- Repair retaining wall at pond bridge
Cost Estimate: \$60,000
- Percheron Barn needs structural repairs and shingling
Cost Estimate: \$500,000

Brandywine Creek State Park

- Pave and fix erosion of existing stoned trails
Cost Estimate: \$500,000
- Redesign and retrofit composting toilets at Thompsons Bridge. Toilets are currently closed with port-a-johns provided in their place
Cost Estimate: \$250,000
- Security fence for the maintenance shop
Cost Estimate: \$30,000

Cape Henlopen State Park

- Sewer plant replacement and upgrades or connect to outside system
Cost Estimate: \$2,650,000
- Biden Center renovations
Cost Estimate: \$7,250,000
- Fishing pier repair
Cost Estimate: \$400,000
- New pier design
Cost Estimate: \$1,000,000

Delaware Seashore State Park

- Fresh Pond Trail/Culvert Repair
Cost Estimate: \$25,000
- North side boat ramp at Indian River. Marina lacks railing next to the sidewalk. The ramp has an 8-foot drop that is not protected with railing. Underway
Cost Estimate: \$35,000

Fenwick Island State Park

- Fenwick Island parking parking lot and amenity upgrades
Cost Estimate: \$2,000,000

Fort Delaware State Park

- Fort Delaware dock repairs, engineering and construction
Cost Estimate: \$750,000
- Repair and resurface island tram path
Cost Estimate: \$350,000
- Heronry overlook replacement. The current heronry lookout is improperly constructed and is unstable
Cost Estimate: \$300,000
- Pavilion construction. The Fort currently does not have a safe shade structure for the patrons, and picnic tables are located near unstable brick walls
Cost Estimate: \$350,000

Fox Point State Park

- Fox Point parking lot lights are not operational. This is a security concern
Cost Estimate: \$75,000
- Pave Phase II road and parking areas
Cost Estimate: \$300,000

Garrisons Lake Golf Club

- Cart path renovations and replacements. Underway
Cost Estimate: \$250,000
- Office replacement - clubhouse
Cost Estimate: \$500,000



Pavilion at Fox Point State Park

Holts Landing State Park

- Staff housing
Cost Estimate: \$300,000
- Entrance sign
Cost Estimate: \$40,000

Killens Pond State Park

- Safe pedestrian connector between boat rental area and boat ramp
Cost Estimate: \$3,000,000
- Boat rental dock replacement. The current boat dock is worn and does not meet ADA requirements
Cost Estimate: \$100,000
- Maintenance shop roof replacement
Cost Estimate: \$20,000

Lums Pond State Park

- Wastewater treatment plant replacement
Cost Estimate: \$3,000,000
- Summit North dredge site clearing
Cost Estimate: \$600,000
- Resurface tennis courts
Cost Estimate: \$50,000
- Area 1 parking lot resurfacing
Cost Estimate: \$600,000
- Cabins
Cost Estimate: \$1,500,000

Port Penn Interpretive Center

- Interpretive boat shed
Cost Estimate: \$100,000

Statewide and Special

- Structural study of all fire control towers
Cost Estimate: \$90,000
- Statewide security camera system
Cost Estimate: \$100,000
- Intern/Staff dorm housing
Cost Estimate: \$500,000



Bathhouse at Trap Pond State Park

Trap Pond State Park

- Bathhouse and septic replacement at Cypress Point
Cost Estimate: \$600,000
- James Branch canoe/kayak launch at Hitch Pond Road
Cost Estimate: \$200,000

White Clay Creek State Park

- Planning Phase I of master plan
Cost Estimate: \$300,000
- Bridge evaluation and replacement for nature center
Cost Estimate: \$175,000

Wilmington State Parks

- Brandywine Zoo: implement entire master plan
Cost Estimate: \$8,000,000
- Brandywine Park: replace curb, walkway and fence on North Park Drive
Cost Estimate: \$150,000
- H. Fletcher Brown Park: Rotary park project, complete overhaul. Evaluation underway
Cost Estimate: \$1,500,000

FY2021 CAPITAL PLAN

FY2021 CAPITAL IMPROVEMENT PROJECT REQUEST

Park Facility Rehabilitation and Public Recreational Infrastructure - \$6,500,000

Funding is requested to rehabilitate the state's park and wildlife area systems, which currently contain more than 700 buildings in 32 public-access areas on nearly 100,000 acres statewide. Priority for 2021 funds are renovations to three of the busiest parking lots in the Delaware State Parks system— Delaware Seashore, Cape Henlopen and Lums Pond State Park. These busy lots are well beyond their expected lifespan. The project will be matched with \$2 million in federal grant funds (ratio \$1 federal for \$1 state funds) through the Land and Water Conservation Trust Fund. These funds are also used to rehab infrastructure

needs statewide for Parks. FY2020 funding was utilized for the Brandywine Zoo Madagascar exhibit, and for required repairs to the Fort Delaware tram path, maintenance facility and infrastructure. The Division recently completed a series of pavilion projects throughout the state, adding seven pavilions, as well as critical repairs to the rock walls at Brandywine Creek, a new ADA-compliant bathroom at Bellevue's Hunter Barn, conversion of the Lums Pond playground and bathroom to a camp store, a maintenance pole building at Garrisons Lake, and the demolition of the Fenton Barn.



Flooded parking lot at Delaware Seashore State Park



Brandywine Zoo Madagascar Exhibit - Lemur Path Rendering

Historic Sites - \$500,000

Funding is requested to match Friends group monies raised through donations and grant requests. FY2019 monies will leverage approximately \$1 million in non-State money. Funds will be used to match grants from sources such as the Longwood Foundation, Crystal Trust, and Welfare Foundation to Delaware Friends organizations. Projects include restoration of fire control towers, Fort Delaware, historic buildings in Bellevue State Park, and historic barns throughout the state. FY2019 funding was utilized to build a new parking lot at Fort Miles to support an increased number of private event rentals, school groups, and museum visitors due to expanded hours. This also included running utilities necessary for safety, such as electric, water, and data for security. The funding also was utilized to match several grants through the Delaware Seashore Preservation Foundation for the restoration of Tower Three. The tower was under construction in Fall 2019 for exterior concrete work, adding an accessible door and ramp, and replicating its lower windows. Funding through the Preservation Foundation includes the next phase of work: demolition of the interior steel, replication of the stairs, and restoration of the interior concrete. The final fundraising goal of the group is \$300,000; this would secure the roof of the tower and allow access to visitors for a 360-degree view of the ocean and bay. The \$500,000 used for improvement projects at Historic Sites must be inclusive of projects at Fort Miles.



Bellevue Mansion at Bellevue State Park



Fort Delaware State Park

Brandywine Zoo Master Plan - \$2,000,000

Funding is requested to match private dollars raised by the Delaware Zoological Society and provided through the Federal Land and Water Conservation Fund. Immediate priorities include a quarantine building with associated utility upgrades. The Division has recently completed a new Brandywine Zoo Master Plan, in part to maintain the zoo's Association of Zoos and Aquariums (AZA) accreditation. The quarantine building and modernizing of the exhibits are required for AZA accreditation, which is necessary to attract skilled staff, have access to national trainings on animal husbandry, and to take part in species survival programs that provide access to animals on a lending basis. Animals such as the Andean Condor and Red Panda would not be available without AZA accreditation. The Brandywine Zoo did not receive funding in FY2020, but rehab and Federal Land and Water funds were used to convert the otter exhibit into the goat yard, repair concrete work and drains behind the panda exhibit, install a new interactive bee area, add a condor viewing area, and build the Madagascar exhibit with viewing area, education and rental space, and animal and veterinary space.



Brandywine Zoo proposed Quarantine building perspective

Biden Environmental Training Center - \$3,000,000

Funding is requested to continue construction documents and construction for renovations to the Biden Environmental Training Center at Cape Henlopen State Park. Renovations will include updates to bring the building into compliance with modern safety standards and accessibility requirements, and modernizing the facility to allow additional conference and training opportunities. This facility would provide training and overnight facilities not currently found in the state park system. To date, plans have been completed for staff office space and the overall layout of the facility. The first phase of the project will be put out to bid in early 2020, and construction will begin in spring of 2020. It will be completed before the summer season begins. The funding received, approximately \$3.4 million, will be used to relocate staff to a new addition at the existing park office; develop full construction drawings by phase for renovation of the first and second floors, in addition to the required exterior improvements; asbestos removal and abatement; demolition of the interior of the Biden Center, and removal of exterior stairwells; roof replacements; updates to replace a sanitary sewer and lift station, underground heating water piping, sprinkler system, heating system, and HVAC; and removal of an exterior chain link fence. An additional \$3 million is requested for Phase II for renovation of the first and second floor, installation of an exterior stairwell for emergency access, and installation of an elevator.



Biden Center Exterior



Biden Center Multipurpose Room

Summit North -\$350,000

Funding is requested to complete work on the Penn Central West dredge spoil site, in alignment with the Army Corps of Engineering requirement allowing Summit North to dredge the marina and for boats to navigate safely.

P

= Planning

D

= Design

C

= Construction

PLANNING, DESIGN, AND CONSTRUCTION

All project timelines are dependent upon available funds

PARK/LOCATION	PROJECT
Auburn Valley State Park	Steam Museum Fire Pump
Auburn Valley State Park	Sewer Force Main and Pump Station
Auburn Valley State Park	Farm Lane Improvements
Auburn Valley State Park	Snuff Mill Trail
Auburn Valley State Park	New Maintenance Building
Auburn Valley State Park	Paper Mill Building Stabilization
Bellevue State Park	Stabilize the Percheron Barn
Bellevue State Park	Repair Drainage and Resurface Track
Bellevue State Park	Restore Exterior of Schoolhouse
Bellevue State Park	Entrance Road Paving
Brandywine Zoo	New Quarantine Building
Cape Henlopen State Park	Biden Center Renovations Phase I Demo and Abatement
Cape Henlopen State Park	Biden Center Renovations Phase II Building Renovation
Cape Henlopen State Park	Biden Center Renovations Phase III Parking and Exterior Renovations
Cape Henlopen State Park	Pier Replacement
Cape Henlopen State Park	Sewer Repair and Replacement
Cape Henlopen State Park	Wolfe Neck Trail
Delaware Seashore	"Old Camp" Renovation
Fenwick Island State Park	Renovations
Fort Delaware State Park	Tram Path Rehabilitation
Fort Delaware State Park	Maintenance Building
Fort Delaware State Park	Trail and Scenic Overlook
Fort Delaware State Park	Inland Dock Repairs
Garrisons Lake Golf Club	New Clubhouse
Garrisons Lake Golf Club	Cart Path Rehabilitation
Killens Pond State Park	Water Park Improvements
Killens Pond State Park	Elevated Boardwalk Across the Pond
Lums Pond State Park	Add New Cabins to the Park
Lums Pond State Park	Main Trail Connector
Summit North Marina	Spoil Disposal Site Improvements
Trap Pond State Park	Splash Pad
Trap Pond State Park	Bathhouse and Septic Replacement
Various	Statewide Parking Lot Paving
White Clay Creek State Park	Master Plan Implementation - New Nature Center
White Clay Creek State Park	Big Pond
Wilmington State Park	H. Fletcher Brown Park Renovation
Wilmington State Park	Lovering Courts Phase II

PROJECT SUMMARY

STATE CAPITAL FUNDS	FY2021 Request	FY2021 Governor's Recommend*	FY2022 Request	FY2023 Request
Park Facility Rehab and Public Recreational Infrastructure	\$6,500,000	\$6,500,000	\$7,000,000	\$7,250,000
Garrisons Lake Golf Course Clubhouse	\$500,000			
Brandywine Zoo Master Plan Implementation	\$2,000,000	\$2,000,000	\$1,500,000	\$1,500,000
White Clay Creek Master Plan Nature Center Implementation	\$300,000		\$2,500,000	\$2,000,000
Biden Center Renovations	\$3,000,000	\$2,250,000	\$1,000,000	\$1,000,000
Cape Henlopen Pier Replacement	\$1,500,000		\$8,000,000	\$7,000,000
Killens Pond Water Park Improvements	\$1,500,000		\$2,000,000	\$2,000,000
H. Fletcher Brown Park Renovation	\$650,000		\$650,000	
Statewide Trails and Pathways	\$1,000,000		\$1,000,000	\$1,000,000
Cabins for Lums Pond	\$1,500,000			
Trap Pond Splash Pad	\$1,300,000			
Summit North Marina	\$350,000			
State Park Historic Sites (Formerly Fort Miles Museum)	\$500,000		\$500,000	\$500,000
Total	\$20,600,000		\$24,150,000	\$22,250,000

*State Park Historic Sites \$500,000 is included in the Gov Recommended \$6.5 M Park Facility Rehabilitation.



Rendering of the proposed Brandywine Zoo entryway



In 1991, the National Recreational Trails Fund Act was passed. The Recreational Trails Program (RTP) is an assistance program of the U.S. Department of Transportation's Federal Highway Administration. The RTP provides funds to the states to develop and maintain recreational trails and trail-related facilities for motorized and non-motorized recreational trail uses.

FEDERAL RECREATIONAL TRAILS PROGRAM

The Federal Recreational Trails Program (RTP) has been instrumental in funding trail planning, development, education, and maintenance activities across the state of Delaware for more than 25 years. Projects include water and land trails within 17 state parks, and county and municipal parks. Statewide funds are utilized as a match for RTP.

Eligible Projects

- Maintenance and restoration of existing trails
- Development and rehabilitation of trailside and trailhead facilities and trail linkages
- Purchase and lease of trail construction and maintenance equipment
- Construction of new trails (with restrictions for new trails on federal lands)
- Acquisition of easements or property for trails
- Assessment of trail conditions for accessibility and maintenance
- Development and dissemination of publications and operation of educational programs to promote safety and environmental protection related to trails, including supporting non-law enforcement trail safety and trail use monitoring patrol programs, and providing trail-related training (limited to 5% of a State's funds)
- State administrative costs related to this program (limited to 7% of a state's funds)

RTP is a matching (80/20) program providing investments for Delawareans and millions of visitors to get outdoors and exercise with their children and families. Since 1991, Delaware has funded more than 160 projects totaling more than \$15,000,000. DNREC's Division of Parks & Recreation manages Delaware's apportionment. The last yearly apportionments are as follows:

FY2017 = \$896,623

FY2018 = \$896,623

FY2019 = \$896,623

Projects Completed

1. Hols Landing - Sea Hawk Trail
Cost Estimate: \$830,800
2. White Clay Creek - Tri-Valley Phases I & II
Cost Estimate: \$2,178,682



Recent Projects

1. White Clay Creek - Charles Bailey Trail
Cost Estimate: \$287,500
2. White Clay Creek - Nature Center Trailhead Maintenance
Cost Estimate: \$60,500
3. Lums Pond - Little Jersey Trailhead Maintenance
Cost Estimate: \$150,000

Future Projects

1. Killens Pond - elevated boardwalk over pond
2. Lums Pond - trail from main entrance to dog park (more than two miles)
3. Cape Henlopen - Wolfe Neck Loop Trail

STATEWIDE PROJECTS

Projects are placed in order of score.

P = Planning **D** = Design **C** = Construction

Management Unit Name	Score	Project Description		Preliminary Cost Estimate
Cape Henlopen State Park	28	Sewer plant replacement and upgrades	P	\$2,650,000
Fenwick Island State Park	26	Parking lot and amenity upgrades	P	\$2,000,000
Fort Delaware State Park	22	Engineering and construction for dock repairs	D	\$750,000
Brandywine Zoo	21	Implementation of Brandywine Zoo Master Plan	P	\$8,000,000
Delaware Seashore State Park	21	Fire suppression system for docks	C	\$500
Fort Delaware State Park	21	Repair/resurface island tram path	D	\$350,000
Alapocas Run State Park	21	Stone wall stabilization engineering review for Alapocas Run waterfall bridge at Alapocas Woods		\$250,000
Trap Pond State Park	21	Bathhouse and septic replacement at Cypress Point		\$600,000
Cape Henlopen State Park	20	Biden Center renovations	D	\$7,250,000
Cape Henlopen State Park	20	Pier piling Repairs	D	\$400,000
Bellevue State Park	20	Tennis Center parking lot resurfacing. Review underway	D	\$600,000
Fort Delaware State Park	20	Landing site		\$550,000
Cape Henlopen State Park	17	New pier design		\$1,000,000
Brandywine Creek State Park	16	Pave and fix erosion of existing stone trails	D	\$500,000
Auburn Valley State Park	16	Installation of parking lots, infrastructure, trails and bridges, sewer at NVF site	D	\$5,000,000
Fort Delaware State Park	16	Pavilion	D	\$350,000
Garrisons Lake Golf Course	16	Cart path renovations and replacements	D	\$250,000
Fort Delaware State Park	16	Heronry overlook replacement	C	\$300,000
Killens Pond State Park	16	Safe pedestrian connector between boat rental area and boat ramp	D	\$3,000,000
Auburn Valley State Park	15	Secondary egress for Carriage House offices		\$35,000
Cape Henlopen State Park	15	Main beach bathhouse parking lot resurfacing		\$600,000
Delaware Seashore State Park	15	Fresh Pond trail and culvert repair		\$25,000
Delaware Seashore State Park	15	Safety railing for north side of the Indian River Marina boat ramp	D	\$35,000
Fort Delaware State Park	15	Fort Delaware masonry	C	\$100,000
Fort Delaware State Park	15	Engineering and construction for fuel dock piling replacement and repair	D	\$250,000
Fox Point State Park	15	Fox Point parking lot lights		\$75,000
White Clay Creek State Park	15	Nature center and bridge evaluation and replacement		\$175,000
Wilmington State Parks	15	Replace curb, walkway, and fence on North Park Drive in Brandywine Park		\$150,000

Management Unit Name	Score	Project Description		Preliminary Cost Estimate
Wilmington State Parks	15	Major repairs to H. Fletcher Brown Park	P	\$1,500,000
Bellevue State Park	14	Repair retaining wall at bridge over the pond		\$60,000
Cape Henlopen State Park	14	Youth camp air conditioning	C	\$250,000
Lums Pond State Park	14	Wastewater treatment plant replacement		\$3,000,000
Auburn Valley State Park	13	Trail system and historic bridges	P	\$4,500,000
Bellevue State Park	13	Structural repairs and shingles for Percheron Barn roof	P	\$500,000
Cape Henlopen State Park	13	New fishing pier construction		\$18,000,000
Delaware Seashore State Park	13	Lifeguard housing		\$750,000
Lums Pond State Park	13	Summit North dredge site clearing	D	\$50,000
White Clay Creek State Park	13	Tri-Valley Trail Phases I and II. Complete		\$6,000,000
Auburn Valley State Park	12	Construction of new maintenance building		\$250,000
Lums Pond State Park	12	Replace yurts with cabins	P	\$1,500,000
Trap Pond State Park	12	New campground bathhouse and replace composting facility	C	\$400,000
Auburn Valley State Park	11	Museum boiler room bump out and roof replacement		\$10,000
Auburn Valley State Park	11	Steam Car Museum renovation and asphalt resurfacing	C	\$2,000,000
Brandywine Creek State Park	11	Redesign and retrofit composting toilets at Thompsons Bridge	D	\$250,000
Cape Henlopen State Park	11	Road and parking improvements		\$1,500,000
Delaware Seashore State Park	11	Repave/overlay Tower Road day-use area and parking area		\$750,000
Auburn Valley State Park	10	New septic system and building renovations for Overseer Farm		\$750,000
Cape Henlopen State Park	10	Museum plan development and implementation with Fort Miles Historic Association	P	\$500,000
Cape Henlopen State Park	10	Electric upgrades for Youth Camp 1. Complete		\$200,000
Garrisons Lake Golf Course	10	New clubhouse and cart barn		\$600,000
Lums Pond State Park	10	Resurface tennis courts		\$50,000
Statewide and Special	10	Structural study of all fire control towers		\$90,000
Trap Pond State Park	10	James Branch canoe/kayak launch at Hitch Pond Road		\$200,000
White Clay Creek State Park	10	Interior and exterior repairs and painting, floor finishing, and fabrication of decorative gates at main drive at Judge Morris Estate		\$250,000
White Clay Creek State Park	10	Wood shingle roof repairs, soffit repairs, repair and painting of window frames, sills, shutters, doors, and door frames at Judge Morris Estate		\$60,000
White Clay Creek State Park	9	Niven House structural repair, HVAC modification, and interior repairs for market rental	D	\$150,000
Alapocas Run State Park	8	Provide safe pedestrian crossing at Weldin Road between lot D and CanDo Playground/athletic fields		\$100,000

Management Unit Name	Score	Project Description		Preliminary Cost Estimate
Auburn Valley State Park	8	Mansion, parking lot plan, design, construction, septic tank replacement and/or connection to sewer on Bengé Road	C	\$1,000,000
Brandywine Creek State Park	8	Security fence for maintenance shop		\$30,000
Delaware Seashore State Park	8	Pontoon repair on docks at Indian River Marina		\$30,000
Fort Delaware State Park	8	Replace existing mainland landing craft work dock	P	\$250,000
Fort Delaware State Park	8	Pathway leveling on the Fort walkways		\$200,000
Holts Landing State Park	8	Seahawk Trail boardwalk. Complete		\$300,000
Lums Pond State Park	8	Campground playground. Complete		\$250,000
Lums Pond State Park	8	Boat ramp courtesy dock		\$100,000
Lums Pond State Park	8	Campground amphitheater		\$75,000
Lums Pond State Park	8	Campground site extension (stone). Complete		\$40,000
Statewide and Special	8	Statewide security camera system		\$100,000
White Clay Creek State Park	8	Replace Tweeds Mill Bridge		\$800,000
White Clay Creek State Park	8	Structural repairs to Niven Barn, or documentation of historic significance for demolition		\$400,000
Wilmington State Parks	8	Provide safe pedestrian crossing on North Park Drive near condos and close off cut-through	D	\$200,000
Bellevue State Park	7	ADA improvements to park office door and ramp		\$100,000
Bellevue State Park	7	Repair Percheron Barn and office roads	D	\$150,000
Bellevue State Park	7	Repair damage to Philadelphia Pike bike path		\$100,000
Cape Henlopen State Park	7	Dormitory restroom upgrades		\$100,000
Delaware Seashore State Park	7	Engineering, design, and construction of Assawoman Phase II trail under 26	C	\$2,000,000
Delaware Seashore State Park	7	Tower 3 renovations		\$300,000
Delaware Seashore State Park	7	Flood damage repairs to Mitchell House Road		\$100,000
Fort Delaware State Park	7	Repair and repaint windows	C	\$40,000
Lums Pond State Park	7	Park office upgrades to meet current ADA requirements		\$150,000
Wilmington State Parks	7	Repave existing parking area and improve accessibility at Rockford Park tennis court area		\$200,000
Bellevue State Park	6	Barn painting		\$50,000
Bellevue State Park	6	Complete second and third floors of Bellevue Hall		\$500,000
Bellevue State Park	6	Cauffiel House HVAC system repair and/or replace. Complete		\$60,000
Brandywine Creek State Park	6	Maintenance road paving resurfacing		\$300,000
Cape Henlopen State Park	6	Maintenance shop fiber optic installation, Phase II		\$170,000
Cape Henlopen State Park	6	Replace all water lines and valves		\$1,000,000
Cape Henlopen State Park	6	Waterproof Bunker 519 roof at Fort Miles		\$75,000
Cape Henlopen State Park	6	Addition of HVAC to dormitory		\$200,000
Cape Henlopen State Park	6	Youth Camp I masonry repairs		\$150,000
Cape Henlopen State Park	6	Primitive youth camp pavilion roof replacement		\$25,000
Cape Henlopen State Park	6	New park office	D	\$750,000

Management Unit Name	Score	Project Description		Preliminary Cost Estimate
Delaware Seashore State Park	6	3R's Road day-use area parking repair		\$75,000
Delaware Seashore State Park	6	Bulkhead investigation and repair at Indian River Marina		\$350,000
Delaware Seashore State Park	6	Pilings sandblasted and sealed, and pile jackets added at Indian River Marina		\$650,000
Delaware Seashore State Park	6	Seal bulkhead walls to mitigate corrosion and prevent premature bulkhead failure	P	\$450,000
Delaware Seashore State Park	6	Dry stack roof replacement	P	\$500,000
Fort Delaware State Park	6	Replacement of Delafort's floating dock	D	\$300,000
Fort Delaware State Park	6	Pathways (barge and stone)	D	\$150,000
Killens Pond State Park	6	Replacement of worn boat rental dock to meet ADA compliance	D	\$100,000
Killens Pond State Park	6	Maintenance shop roof replacement to prevent structural damage		\$20,000
Lums Pond State Park	6	Repair cracks in parking lots		\$50,000
Lums Pond State Park	6	Replace wooden docks with aluminum docks		\$150,000
Lums Pond State Park	6	Resurface Area One parking lot	D	\$600,000
Lums Pond State Park	6	Asphalt repairs at the campground entrance road		\$200,000
Trap Pond State Park	6	Warrington House documentation		\$20,000
Trap Pond State Park	6	Replace worn, unstable fishing docks		\$90,000
White Clay Creek State Park	6	Rebuild and relocate Carpenter Recreation Area fee booth		\$85,000
White Clay Creek State Park	6	Replace roof on Wells Barn		\$45,000
White Clay Creek State Park	6	Pomeroy Trail resurfacing		\$150,000
Wilmington State Parks	6	Renovate or remove Lovering Avenue tennis courts	C	\$200,000
Wilmington State Parks	6	Restoration of the Todd Memorial. Complete		\$80,000
Brandywine Creek State Park	5	Upgrade nature center restrooms to include outside access and add lab/classroom and ranger office		\$500,000
Cape Henlopen State Park	5	Make chapel accessible to day camp		\$150,000
Cape Henlopen State Park	5	New nature center		\$4,000,000
Delaware Seashore State Park	5	Additional queuing docks for drystack. Complete		\$150,000
Delaware Seashore State Park	5	WIFI for campgrounds and Marina		\$150,000
Delaware Seashore State Park	5	South Inlet campground tent sites camping upgrades/cottages		\$500,000
Fox Point State Park	5	Pavilion. Complete		\$150,000
Garrisons Lake Golf Club	5	Office replacement - clubhouse		\$500,000
Garrisons Lake Golf Club	5	Event pavilion. Complete		\$500,000
Holts Landing State Park	5	Staff housing		\$300,000
Lums Pond State Park	5	Demolish old water storage and treatment building		\$50,000
Lums Pond State Park	5	Add improved primitive campgrounds and tent camping areas		\$75,000
Lums Pond State Park	5	Overlook, fishing structure and pontoon landing at campground		\$200,000

Management Unit Name	Score	Project Description	Preliminary Cost Estimate
Lums Pond State Park	5	Parking for Area III	\$300,000
Statewide and Special	5	Intern/staff dormitory housing	\$500,000
Trap Pond State Park	5	Cottages with dock at Trussum Pond Property	\$500,000
Trap Pond State Park	5	Five cabins	\$1,000,000
White Clay Creek State Park	5	Determine future use of Krapf House. Perform work in preparation for intended use	\$150,000
White Clay Creek State Park	5	Install 10-foot by 20-foot pavilion at nature center	\$50,000
Statewide and Special	4	Automated fee collection	C \$250,000
Bellevue	3	Schoolhouse rehabilitation phase 1	C \$300,000
Bellevue	3	Office - central HVAC. Pricing underway	\$25,000
Brandywine Creek State Park	3	Youth Conservation Corps building/spring house upgrades	\$100,000
Fort Delaware State Park	3	Bake oven room restoration	\$150,000
Garrisons Lake Golf Club	3	Cart barn design and construction	C \$200,000
White Clay Creek State Park	3	New heaters in Judge Morris Estate garage/office	\$15,000
Alapocas Run State Park	2	Stone wall masonry repairs in Blue Ball Barn courtyard	\$60,000
Bellevue State Park	2	Asphalt overlay fix floor for Hunter Barn and Figure Eight Barn	\$250,000
Bellevue State Park	2	Reseal floors in main restrooms (Scrap House) by track	\$20,000
Bellevue State Park	2	Water tower exterior repairs at Cauffiel House	\$25,000
Brandywine Creek State Park	2	Construct maintenance area four-bay pole shed	\$65,000
Cape Henlopen State Park	2	Replace floor in Youth Camp I mess hall	\$10,000
Delaware Seashore State Park	2	Fresh Pond erosion damage to south end parking lot	\$35,000
Delaware Seashore State Park	2	Maintenance yard paving and resurfacing	\$60,000
Fort Delaware State Park	2	Continue replacing handrail components on island pier	\$75,000
Fort Delaware State Park	2	Replace deck boards on island pier	\$120,000
Fort Delaware State Park	2	Replace rotten floor and wall boards in island concession stand	\$15,000
Fort Delaware State Park	2	Coat and seal metal roofs	\$100,000
Fox Point State Park	2	Pave Phase II road and parking areas	\$300,000
Killens Pond State Park	2	New power for campground "F" Loop	\$50,000
Killens Pond State Park	2	Update campground playground	\$200,000
Killens Pond State Park	2	New features for water park	\$400,000
Lums Pond State Park	2	Replace boat ramp, parking	\$500,000
Lums Pond State Park	2	Internet cabling for maintenance shop, nature center and boat rental	\$180,000
Port Penn Interpretive Center	2	Interpretive boat shed	\$100,000
Trap Pond State Park	2	New siding, roof, doors, interior and exterior lights and plumbing fixtures for boat rental building	\$55,000

Management Unit Name	Score	Project Description	Preliminary Cost Estimate
White Clay Creek State Park	2	Paint all barn exteriors	\$50,000
White Clay Creek State Park	2	Finish exterior painting of Judge Morris Estate. Vendor under contract	\$60,000
White Clay Creek State Park	2	Stain band stage	\$20,000
White Clay Creek State Park	2	Refinish wood floors at Judge Morris Estate	\$20,000
White Clay Creek State Park	2	Grading/drainage of Creek Road, north of Hopkins road entrance to the nature center	\$180,000
White Clay Creek State Park	2	Wedgewood Road parking lot repairs	\$70,000
Wilmington State Parks	2	Renovate/repair Josephine Fountain	\$250,000
Wilmington State Parks	2	Regrade slope First Presbyterian Church and raceway at Rockford Park	\$75,000
Bellevue State Park	1	Install restrooms in arts building	\$75,000
Bellevue State Park	1	Cabana restroom renovation	\$125,000
Bellevue State Park	1	Carriage House restrooms	\$100,000
Bellevue State Park	1	Sidewalk/circulation plan between arts building and mansion	\$150,000
Bellevue State Park	1	Cauffiel barn renovations	\$500,000
Brandywine Creek State Park	1	Replace, add maintenance shop restrooms	\$250,000
Brandywine Creek State Park	1	Bus/drop-off location at Flint Woods	\$150,000
Alapocas Run State Park	1	Extend water and electric to shop near 202. Complete	\$250,000
Brandywine Creek State Park	1	Thompsons Bridge: Redesign and construction of accessible kayak/canoe take-out station on north and south side	\$300,000
Brandywine Creek State Park	1	Wheelchair-accessible Hawk Watch comfort station	\$250,000
Cape Henlopen State Park	1	Restrooms/showers at Gordons Pond	\$450,000
Cape Henlopen State Park	1	Herring Point parking lot paving	\$150,000
Cape Henlopen State Park	1	Herring Point restrooms, sewer	\$400,000
Cape Henlopen State Park	1	Primitive camping area restroom	\$150,000
Cape Henlopen State Park	1	Parade field irrigation	\$250,000
Cape Henlopen State Park	1	New main beach bathhouse with larger capacity	\$1,500,000
Delaware Seashore State Park	1	New air station	\$45,000
Delaware Seashore State Park	1	Pavilion, grill, and gathering area for cottages	\$250,000
Fort Delaware State Park	1	Blacksmith shop reconstruction	\$150,000
Fort Delaware State Park	1	Upgrade exterior (including marquee roof and overhang) for ticket sales/gift shop	\$80,000
Fox Point State Park	1	Pave bike path from railroad tracks to entrance	\$125,000
Holts Landing State Park	1	Entrance sign	\$40,000
Holts Landing State Park	1	Campground host sites and hook-ups	\$250,000
Killens Pond State Park	1	Restrooms for primitive and family camping	\$350,000
Lums Pond State Park	1	Pole building for boat rentals	\$60,000
Lums Pond State Park	1	Park office addition	\$250,000

Management Unit Name	Score	Project Description	Preliminary Cost Estimate
Lums Pond State Park	1	Area One bathhouse replacement	\$500,000
White Clay Creek State Park	1	Replace Clivus composting toilet at Possum Hill	\$200,000
White Clay Creek State Park	1	Install chain link fence at maintenance area shop/ pole shed	\$25,000
White Clay Creek State Park	1	Fabricate and install decorative gates at main drive	\$50,000
White Clay Creek State Park	1	Expansion of Chambers Rock Road parking lot	\$200,000
White Clay Creek State Park	1	Install Life Fitness units on fitness trail in Carpenter Recreation Area	\$150,000
White Clay Creek State Park	1	Replace cedar shake roof on Eastburn Barn	\$100,000
White Clay Creek State Park	1	Convert nature center turf parking area to gravel	\$150,000
White Clay Creek State Park	1	Move park office to Maxwell House	\$300,000
White Clay Creek State Park	1	Evaluation, design and relocation and construction of nature center entrance road	\$1,500,000
Wilmington State Parks	1	Create stabilized turf overflow parking area adja- cent to Blue Ball Barn	\$250,000
Wilmington State Parks	1	Remove or renovate Rockford Park ball field in lower field	\$75,000
Wilmington State Parks	1	Pavilion across from Bancroft Mills bridge project and electric and well for restroom. Underway	\$50,000
Wilmington State Parks	1	Replace life course trail at Brandywine Park	\$60,000
Wilmington State Parks	1	Plan, design and develop additional on-site parking under the I-95 bridge from Stadium Drive to South Park Drive, and additional on-site parking for Brandywine Zoo and Josephine Gardens	\$500,000
Wilmington State Parks	1	Develop a sign plan. Design, manufacture and install	\$75,000
TOTAL:			\$118,970,500



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